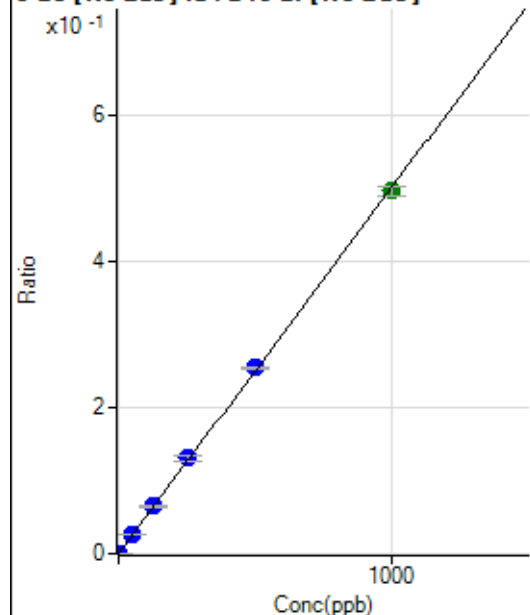


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8120321MS.b\
Analysis File: P8120321MS.batch.bin
DA Date-Time: 2021-12-03 11:21:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-12-03 10:55:26
2	006CALS.d	S02	2021-12-03 10:58:32
3	008CALS.d	S03	2021-12-03 11:04:41
4	009CALS.d	S04	2021-12-03 11:07:44
5	010CALS.d	S05	2021-12-03 11:10:49
6	011CALS.d	S06	2021-12-03 11:13:53
7	012CALS.d	S07	2021-12-03 11:16:58
8	013CALS.d	S08	2021-12-03 11:20:02

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.66	0.0000	P	30.0
2	☐	1.000	1.068	1406.46	0.0006	P	2.2
3	☐	50.000	54.037	72777.20	0.0271	P	1.0
4	☐	125.000	129.375	181397.83	0.0648	P	1.5
5	☐	250.000	261.228	365235.44	0.1309	P	6.8
6	☐	500.000	509.442	721660.00	0.2553	P	1.1
7	☐	1000.000	991.723	1443666.73	0.4969	A	2.9
8	☐			586.57	0.0002	P	55.3

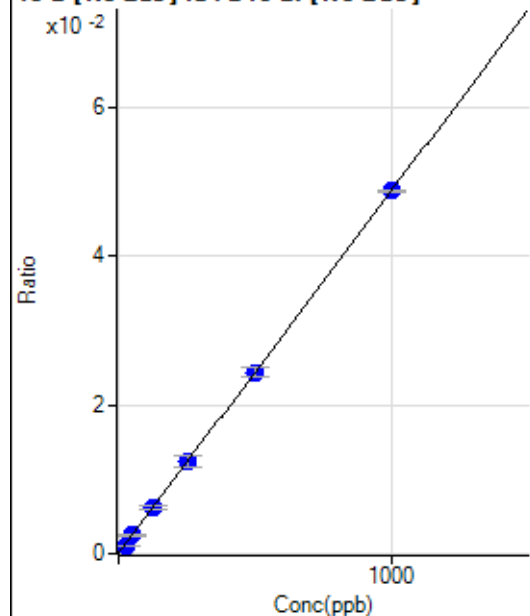
$$y = 5.0102\text{E-}004 * x + 1.8453\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03317$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.30	0.0001	P	4.8
2	☐	25.000	21.864	2866.40	0.0011	P	3.8
3	☐	50.000	51.296	6878.29	0.0026	P	9.5
4	☐	125.000	124.882	17176.10	0.0061	P	8.3
5	☐	250.000	253.454	34487.77	0.0124	P	12.9
6	☐	500.000	499.005	68825.13	0.0243	P	5.1
7	☐	1000.000	999.662	141587.24	0.0487	P	0.6
8	☐			18620.82	0.0068	P	5.3

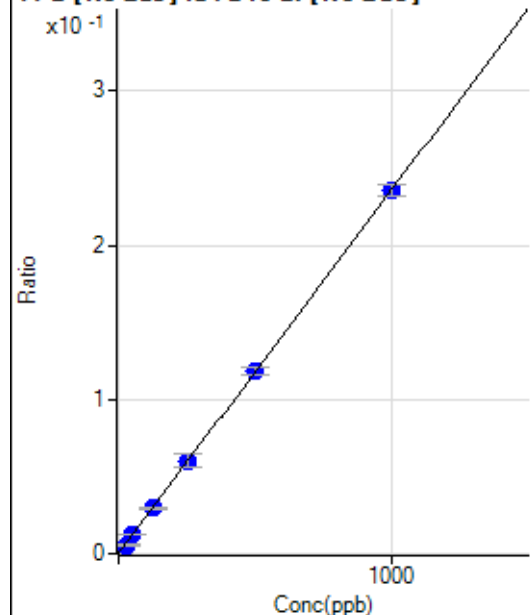
$$y = 4.8656\text{E-}005 * x + 6.3987\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1892$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.88	0.0003	P	2.7
2	☐	25.000	21.861	13755.82	0.0054	P	7.9
3	☐	50.000	51.894	33533.31	0.0125	P	4.9
4	☐	125.000	123.736	82222.36	0.0294	P	6.8
5	☐	250.000	255.367	167961.26	0.0604	P	13.2
6	☐	500.000	502.102	334923.56	0.1185	P	5.0
7	☐	1000.000	997.749	683713.13	0.2351	P	3.2
8	☐			91184.72	0.0334	P	6.1

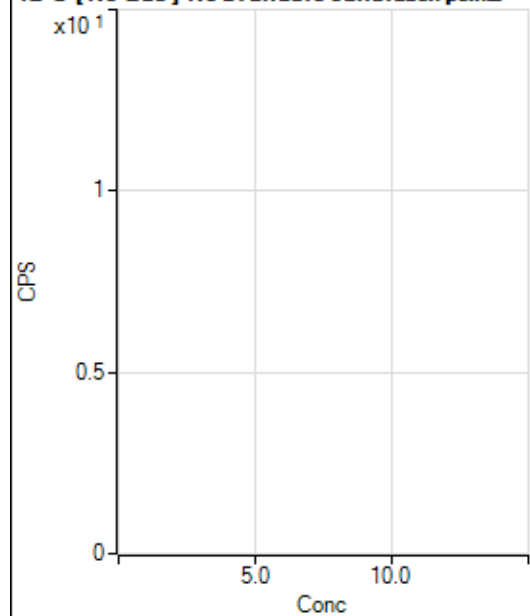
$$y = 2.3541\text{E-}004 * x + 2.6398\text{E-}004$$

$$R = 1.0000$$

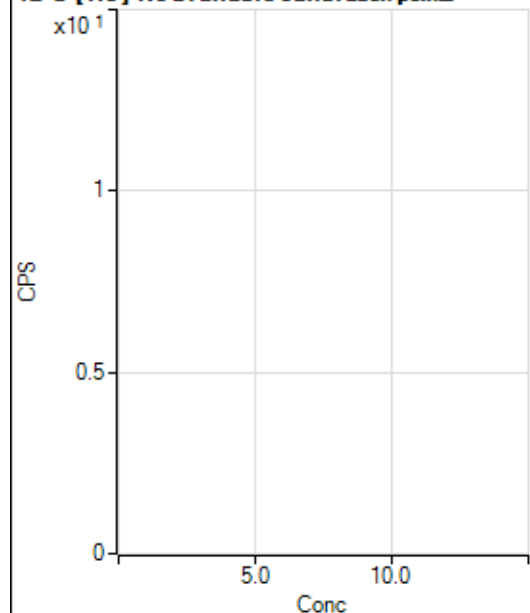
$$DL = 0.08975$$

Weight: <None>

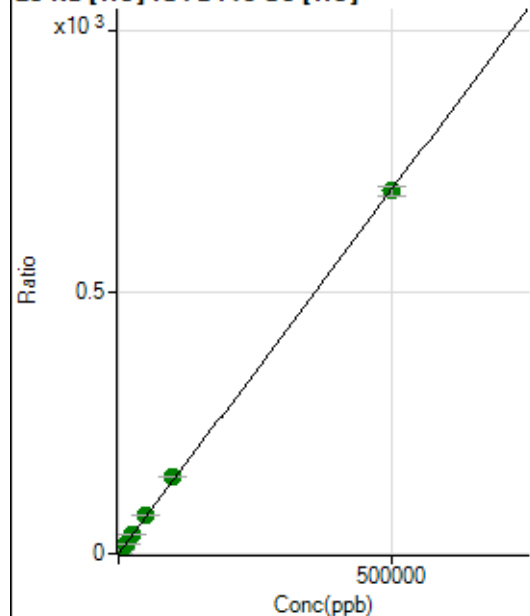
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4117062.07		A	1.4
2	☐			4175401.09		A	1.4
3	☐			4480873.15		A	1.1
4	☐			4794495.63		A	2.5
5	☐			5037089.70		A	2.0
6	☐			5332241.92		A	4.0
7	☐			6051908.77		A	4.3
8	☐			5046289.56		A	1.3

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45273.39		P	2.1
2	☐			44602.06		P	2.5
3	☐			49975.10		P	1.9
4	☐			51142.66		P	2.1
5	☐			55246.58		P	0.8
6	☐			60625.54		P	0.5
7	☐			71714.98		P	2.4
8	☐			58046.29		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16537.57	0.0770	P	2.3
2	☐	500.000	468.587	155838.91	0.7279	P	1.2
3	☐	5000.000	5202.305	1569531.73	7.3027	A	2.3
4	☐	12500.000	12968.806	3774622.74	18.0898	A	0.9
5	☐	25000.000	25784.501	7282215.18	35.8898	A	0.9
6	☐	50000.000	52091.269	14346736.61	72.4280	A	1.6
7	☐	100000.00	104680.67	28899179.81	145.4708	A	0.4
8	☐	500000.00	498801.80	134152537.7	692.8760	A	2.6

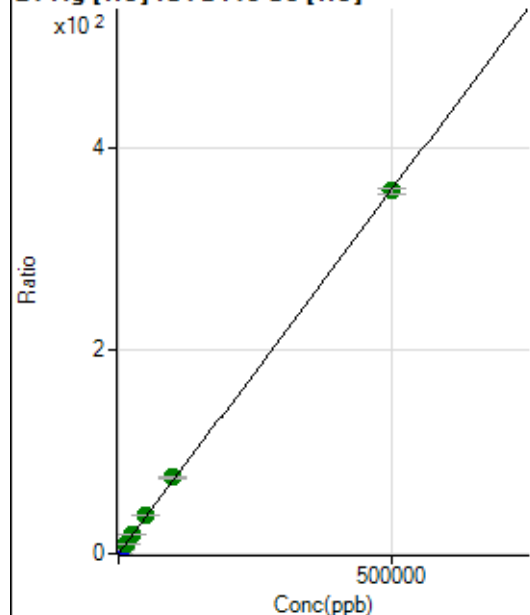
$$y = 0.0014 * x + 0.0770$$

$$R = 0.9999$$

$$DL = 3.869$$

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	600.03	0.0028	P	4.2
2	☐	500.000	468.318	72330.35	0.3378	P	1.5
3	☐	5000.000	5264.400	810054.78	3.7691	P	0.6
4	☐	12500.000	13186.978	1969064.89	9.4370	A	1.5
5	☐	25000.000	25818.216	3748270.01	18.4737	A	1.6
6	☐	50000.000	52095.165	7383343.83	37.2727	A	1.6
7	☐	100000.00	104532.08	14856651.37	74.7872	A	1.6
8	☐	500000.00	498823.36	69106196.68	356.8711	A	1.7

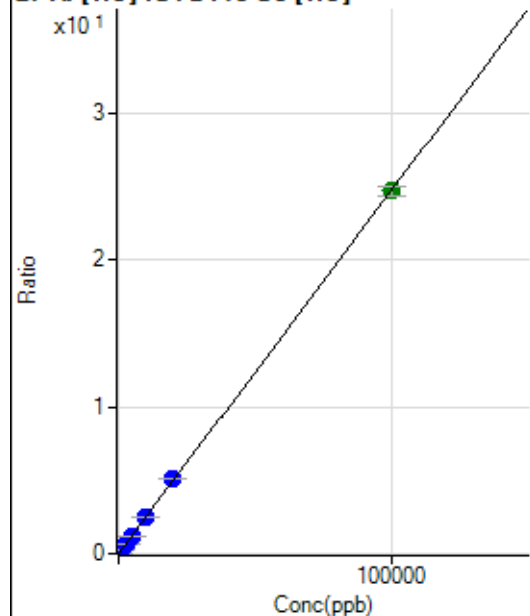
$$y = 7.1542E-004 * x + 0.0028$$

$$R = 1.0000$$

$$DL = 0.4867$$

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	113.74	0.0005	P	20.8
2	☐	20.000	17.894	1060.33	0.0050	P	1.5
3	☐	1000.000	1200.218	63839.59	0.2970	P	1.0
4	☐	2500.000	2510.331	129519.68	0.6207	P	0.3
5	☐	5000.000	5000.824	250790.68	1.2360	P	0.6
6	☐	10000.000	10197.001	499099.31	2.5197	P	0.1
7	☐	20000.000	20518.062	1007075.21	5.0694	P	0.7
8	☐	100000.00	99874.386	4777348.78	24.6740	A	2.6

$$y = 2.4705E-004 * x + 5.3180E-004$$

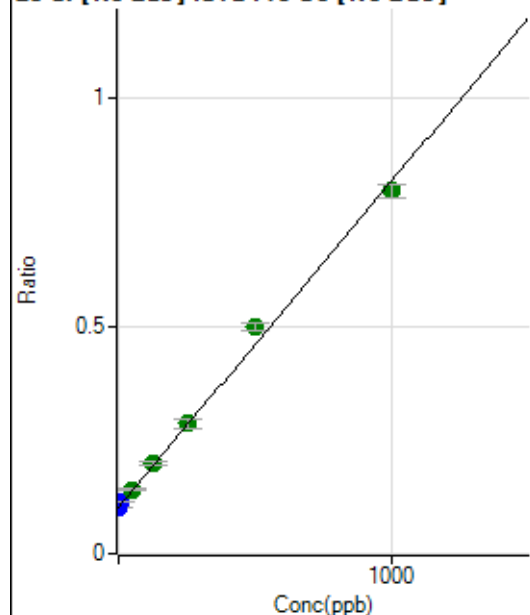
$$R = 1.0000$$

$$DL = 1.346$$

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	672700.92	0.1020	P	0.7
2	☐	10.000	17.719	726599.56	0.1147	P	2.7
3	☐	50.000	55.034	945710.18	0.1414	A	4.7
4	☐	125.000	135.348	1331151.35	0.1990	A	4.8
5	☐	250.000	257.900	1919859.74	0.2868	A	7.4
6	☐	500.000	552.679	3227713.74	0.4981	A	3.9
7	☐	1000.000	970.063	5281449.21	0.7973	A	3.7
8	☐			1255267.43	0.1935	A	2.4

$$y = 7.1677E-004 * x + 0.1020$$

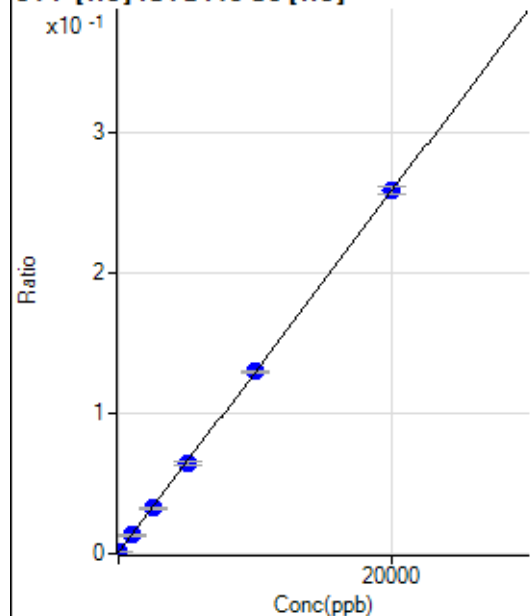
$$R = 0.9979$$

$$DL = 3.106$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.359	194.45	0.0009	P	14.2
2	☐	0.000	-4.359	169.45	0.0008	P	18.7
3	☐	1000.000	950.895	2811.46	0.0131	P	1.6
4	☐	2500.000	2438.945	6723.96	0.0322	P	5.1
5	☐	5000.000	4957.737	13114.60	0.0646	P	4.5
6	☐	10000.000	10021.908	25706.77	0.1298	P	1.2
7	☐	20000.000	20009.699	51308.32	0.2583	P	2.2
8	☐			175.01	0.0009	P	30.1

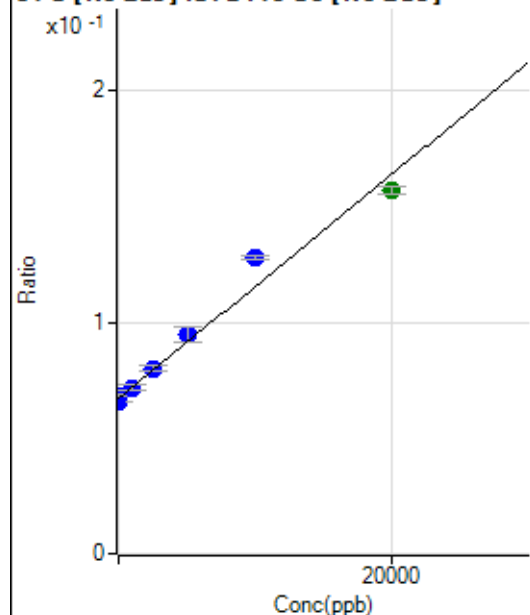
$$y = 1.2866E-005 * x + 8.4766E-004$$

$$R = 1.0000$$

$$DL = 32.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-282.128	433406.33	0.0657	P	0.3
2	☐	0.000	282.128	433614.33	0.0684	P	2.0
3	☐	1000.000	919.547	478327.43	0.0715	P	3.4
4	☐	2500.000	2649.116	534416.28	0.0799	P	3.4
5	☐	5000.000	5716.243	634025.45	0.0947	P	6.5
6	☐	10000.000	12567.099	828159.15	0.1278	P	1.6
7	☐	20000.000	18522.773	1037595.78	0.1566	A	2.0
8	☐			401345.35	0.0619	P	1.5

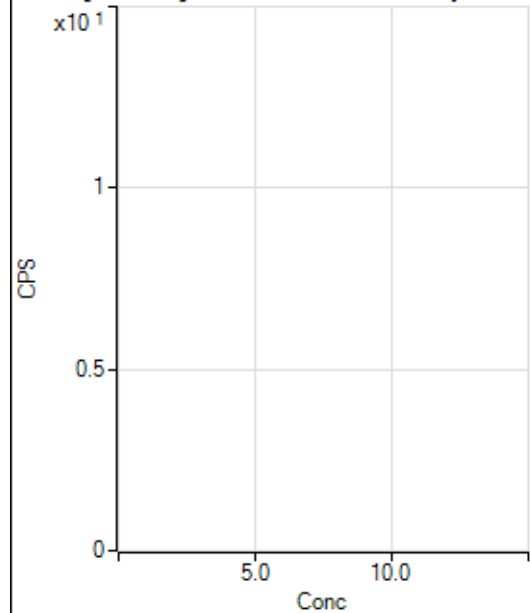
$$y = 4.8345E-006 * x + 0.0671$$

R = 0.9859

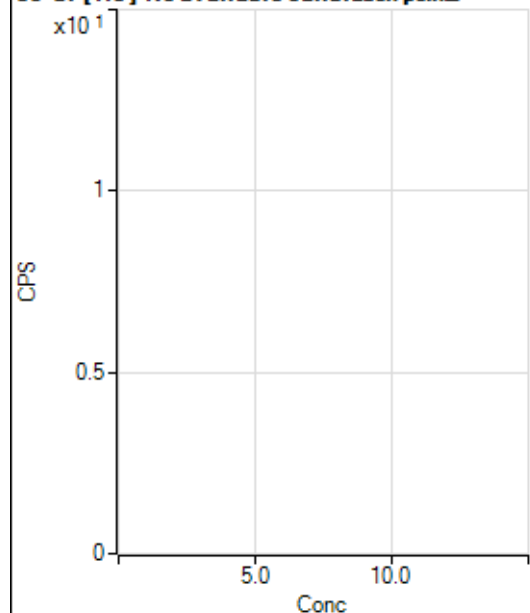
DL = 489.8

Weight: <None>

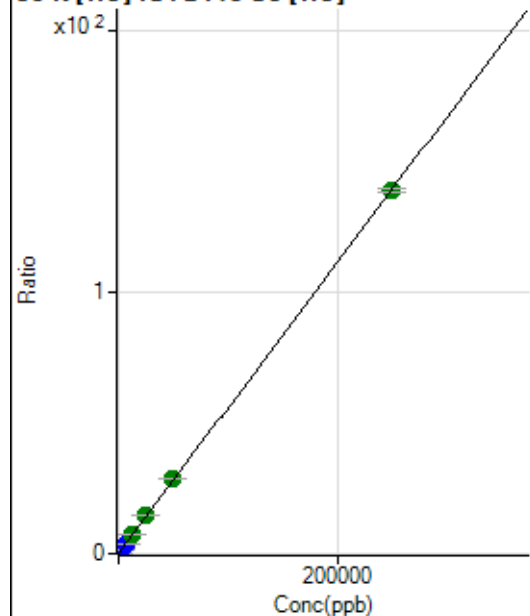
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			366614.96		P	0.5
2	☐			338317.46		P	1.1
3	☐			326575.39		P	0.8
4	☐			304645.10		P	0.6
5	☐			294397.69		P	1.8
6	☐			286252.31		P	0.5
7	☐			283108.17		P	1.4
8	☐			272845.31		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2319.70		P	2.3
2	☐			2114.10		P	4.5
3	☐			2005.74		P	1.7
4	☐			1758.49		P	8.3
5	☐			1652.92		P	2.8
6	☐			1797.39		P	2.1
7	☐			1622.35		P	9.0
8	☐			1705.70		P	13.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21302.27	0.0993	P	4.2
2	☐	500.000	467.255	76837.92	0.3589	P	1.2
3	☐	2500.000	2676.321	340944.51	1.5864	P	0.1
4	☐	6250.000	6595.258	785380.64	3.7639	P	1.1
5	☐	12500.000	12976.109	1483201.35	7.3095	A	1.3
6	☐	25000.000	26073.533	2889573.59	14.5871	A	0.8
7	☐	50000.000	51729.865	5729986.46	28.8431	A	0.4
8	☐	250000.00	249512.53	26868989.84	138.7416	A	1.0

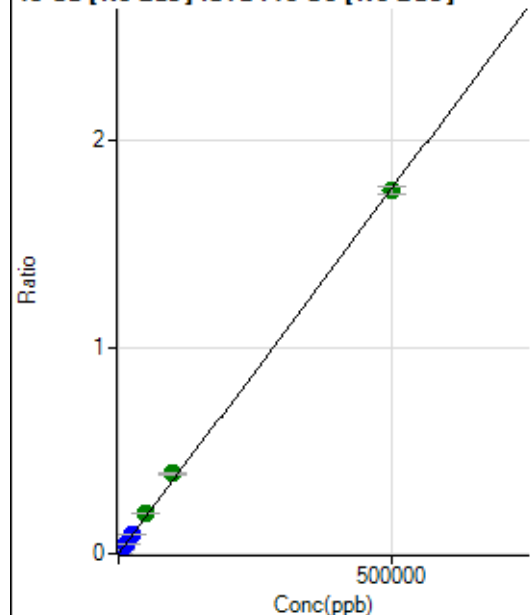
$$y = 5.5565E-004 * x + 0.0993$$

$$R = 1.0000$$

$$DL = 22.73$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	254.14	0.0000	P	2.2
2	☐	500.000	479.342	10976.60	0.0017	P	4.7
3	☐	5000.000	5367.069	127149.07	0.0190	P	4.1
4	☐	12500.000	13222.586	313040.87	0.0468	P	2.8
5	☐	25000.000	26553.694	628656.52	0.0939	P	6.8
6	☐	50000.000	55828.519	1278825.21	0.1974	A	2.3
7	☐	100000.00	109905.62	2574416.22	0.3885	A	1.3
8	☐	500000.00	497336.62	11405737.63	1.7581	A	2.3

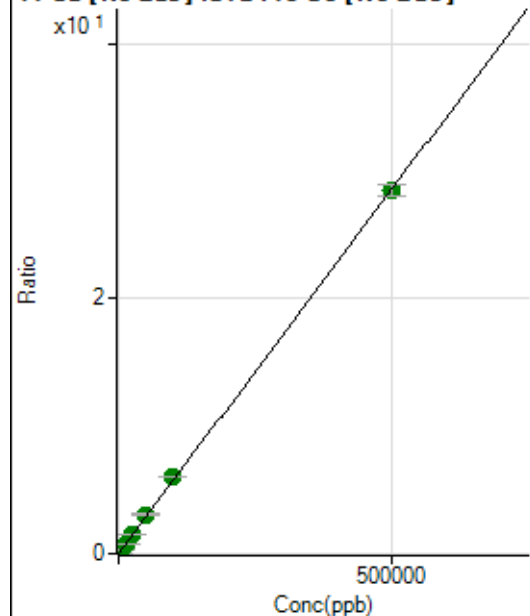
$$y = 3.5349E-006 * x + 3.8521E-005$$

$$R = 0.9997$$

$$DL = 0.7262$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26593.88	0.0040	P	0.7
2	☐	500.000	492.736	203696.24	0.0321	P	3.2
3	☐	5000.000	5487.523	2121915.65	0.3172	A	3.0
4	☐	12500.000	13182.074	5061383.48	0.7563	A	2.8
5	☐	25000.000	26558.541	10169220.01	1.5196	A	7.8
6	☐	50000.000	53888.771	19954171.18	3.0793	A	0.9
7	☐	100000.00	105782.46	40032739.31	6.0407	A	0.9
8	☐	500000.00	498354.78	184528010.9	28.4433	A	3.1

$$y = 5.7066E-005 * x + 0.0040$$

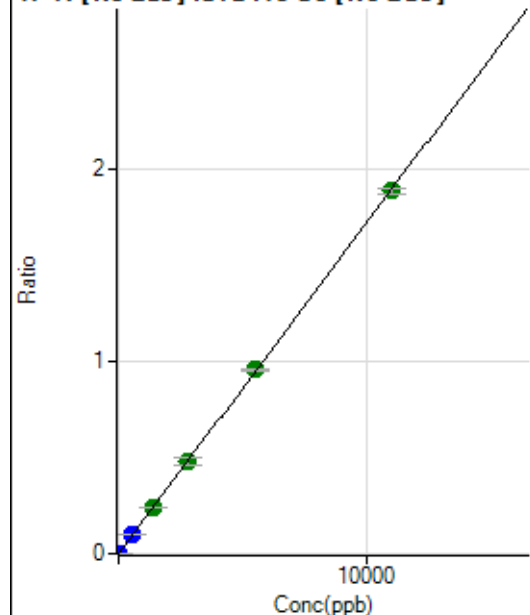
$$R = 0.9999$$

$$DL = 1.379$$

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	272.23	0.0000	P	12.9
2	☐	5.000	5.081	5804.14	0.0009	P	3.3
3	☐	550.000	582.851	671352.59	0.1004	P	4.1
4	☐	1375.000	1399.865	1613664.51	0.2410	A	1.7
5	☐	2750.000	2790.332	3215334.04	0.4804	A	7.3
6	☐	5500.000	5553.229	6194652.87	0.9560	A	1.4
7	☐	11000.000	10958.552	12499091.86	1.8865	A	1.9
8	☐			3384.07	0.0005	P	74.5

$$y = 1.7215E-004 * x + 4.1283E-005$$

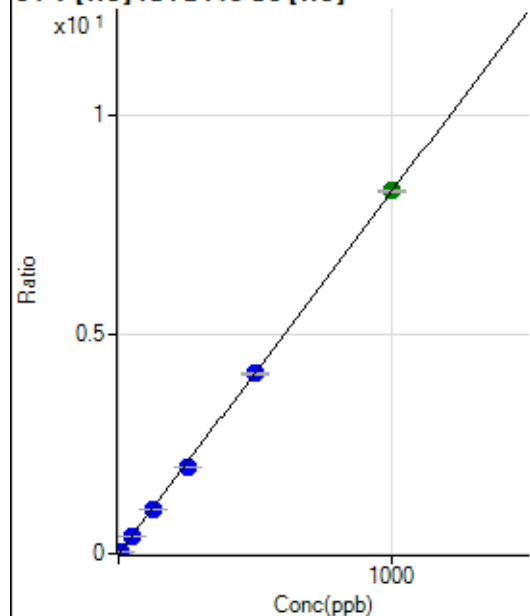
$$R = 1.0000$$

$$DL = 0.0925$$

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	11.11	0.0001	P	42.9
2	☐	5.000	4.511	7964.52	0.0372	P	2.8
3	☐	50.000	48.793	86378.80	0.4019	P	0.9
4	☐	125.000	122.171	209977.45	1.0062	P	0.4
5	☐	250.000	241.414	403448.01	1.9883	P	0.3
6	☐	500.000	498.627	813445.39	4.1067	P	0.7
7	☐	1000.000	1003.249	1641481.90	8.2628	A	0.8
8	☐			463.35	0.0024	P	8.9

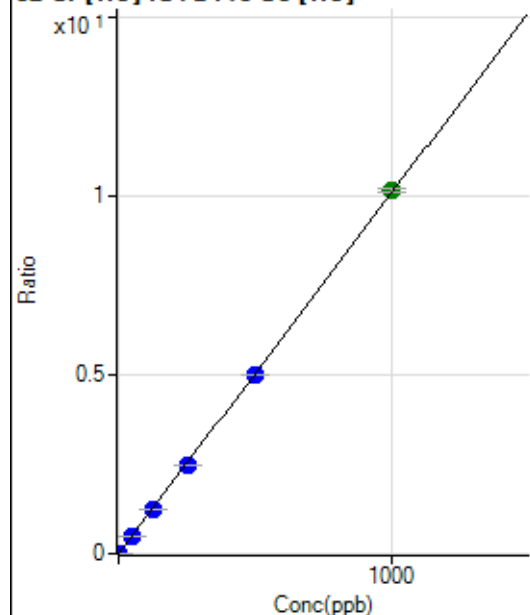
$$y = 0.0082 * x + 5.1325E-005$$

$$R = 1.0000$$

$$DL = 0.008015$$

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	1083.39	0.0050	P	0.1
2	☐	2.000	1.761	4883.10	0.0228	P	0.7
3	☐	50.000	48.677	106593.03	0.4960	P	1.1
4	☐	125.000	120.616	254882.62	1.2215	P	0.8
5	☐	250.000	243.559	499434.83	2.4614	P	0.4
6	☐	500.000	493.824	987506.25	4.9853	P	0.3
7	☐	1000.000	1005.313	2015240.66	10.1438	A	0.9
8	☐			4072.85	0.0210	P	3.2

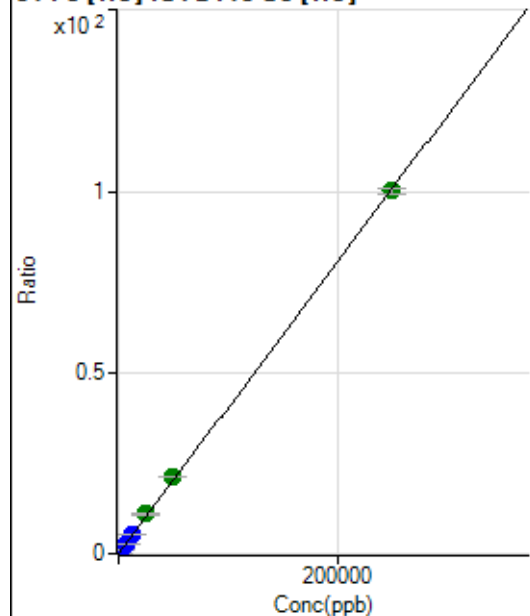
$$y = 0.0101 * x + 0.0050$$

$$R = 0.9999$$

$$DL = 0.002067$$

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	542.61	0.0025	P	15.3
2	☐	50.000	48.677	4730.50	0.0221	P	0.8
3	☐	2500.000	2681.324	232126.35	1.0801	P	0.9
4	☐	6250.000	6685.262	561145.32	2.6891	P	1.2
5	☐	12500.000	13023.576	1062449.35	5.2362	P	0.6
6	☐	25000.000	27086.335	2156505.16	10.8874	A	1.1
7	☐	50000.000	53197.489	4247584.01	21.3805	A	0.5
8	☐	250000.00	249112.99	19385352.98	100.1111	A	1.8

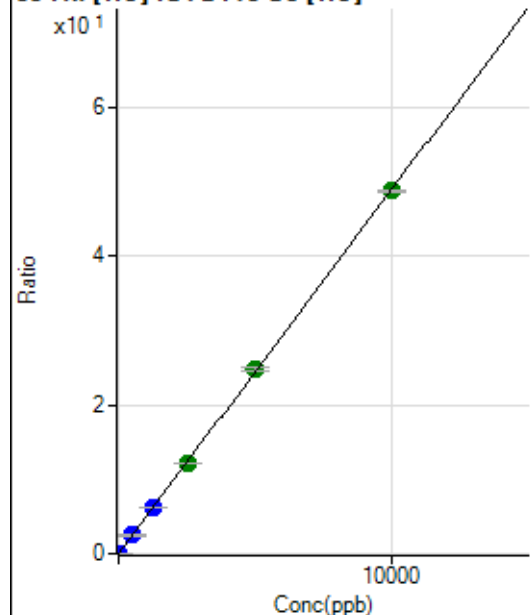
$$y = 4.0186E-004 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 2.897$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0003	P	21.8
2	☐	1.000	1.107	1226.73	0.0057	P	2.7
3	☐	500.000	502.074	527672.33	2.4551	P	1.4
4	☐	1250.000	1245.434	1270718.48	6.0897	P	0.3
5	☐	2500.000	2493.208	2473553.77	12.1905	A	1.2
6	☐	5000.000	5070.096	4909917.32	24.7899	A	2.7
7	☐	10000.000	9967.117	9681347.91	48.7332	A	0.4
8	☐			5615.64	0.0290	P	3.3

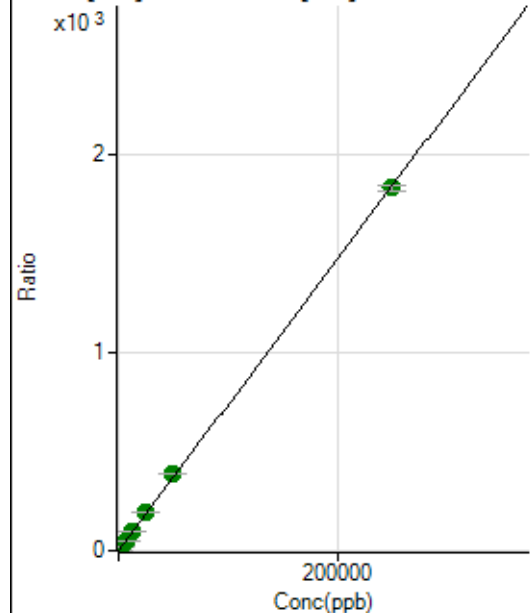
$$y = 0.0049 * x + 3.1637E-004$$

$$R = 1.0000$$

$$DL = 0.04224$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3333.78	0.0155	P	7.9
2	☐	50.000	47.396	77919.80	0.3639	P	1.5
3	☐	2500.000	2618.950	4140765.92	19.2666	A	1.6
4	☐	6250.000	6571.461	10082490.97	48.3201	A	2.8
5	☐	12500.000	13077.281	19508729.37	96.1422	A	1.2
6	☐	25000.000	26630.634	38774259.20	195.7684	A	2.1
7	☐	50000.000	52810.811	77121744.32	388.2101	A	0.6
8	☐	250000.00	249236.68	354760533.8	1,832.070	A	1.8

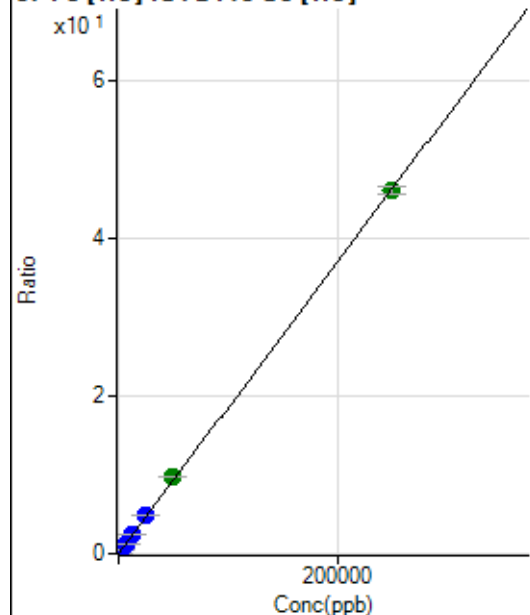
$$y = 0.0074 * x + 0.0155$$

$$R = 0.9999$$

$$DL = 0.4986$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	279.64	0.0013	P	22.5
2	☐	50.000	46.527	2118.72	0.0099	P	3.6
3	☐	2500.000	2563.913	102003.63	0.4746	P	0.5
4	☐	6250.000	6454.608	248913.74	1.1928	P	1.8
5	☐	12500.000	12849.984	481595.00	2.3734	P	0.8
6	☐	25000.000	26172.431	957266.61	4.8328	P	0.6
7	☐	50000.000	53043.727	1945544.73	9.7933	A	0.9
8	☐	250000.00	249250.75	8909476.01	46.0136	A	2.2

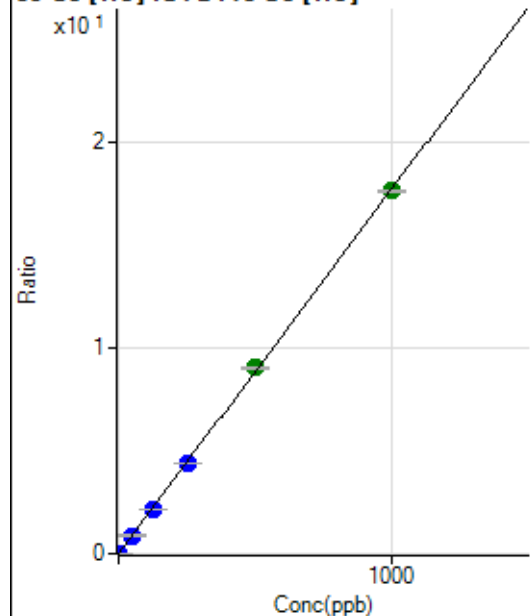
$$y = 1.8460E-004 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 4.787$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.11	0.0003	P	9.0
2	☐	1.000	0.959	3710.53	0.0173	P	5.9
3	☐	50.000	50.039	190718.92	0.8874	P	0.5
4	☐	125.000	123.318	456235.22	2.1864	P	0.3
5	☐	250.000	247.042	888654.63	4.3797	P	0.9
6	☐	500.000	510.117	1791337.96	9.0432	A	1.4
7	☐	1000.000	995.889	3507349.67	17.6546	A	0.4
8	☐			4889.79	0.0252	P	0.2

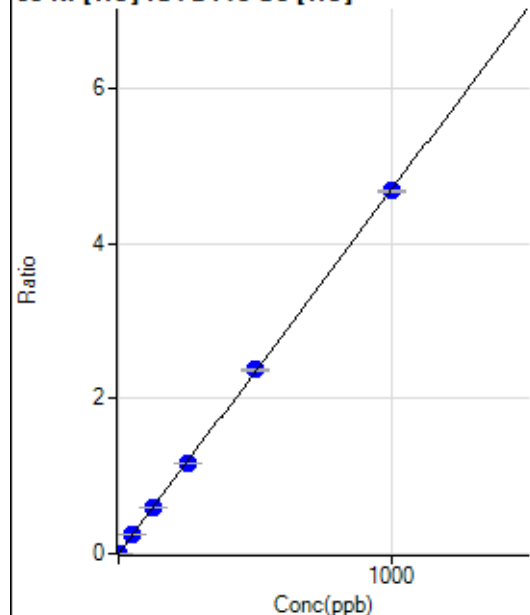
$$y = 0.0177 * x + 3.3158E-004$$

$$R = 0.9999$$

$$DL = 0.005058$$

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	107.78	0.0005	P	22.1
2	☐	1.000	0.971	1082.27	0.0051	P	5.0
3	☐	50.000	50.549	51040.28	0.2375	P	1.8
4	☐	125.000	126.387	123744.35	0.5930	P	0.1
5	☐	250.000	249.228	237178.01	1.1689	P	0.2
6	☐	500.000	506.294	470245.64	2.3740	P	1.1
7	☐	1000.000	996.845	928484.32	4.6738	P	0.5
8	☐			1293.41	0.0067	P	4.7

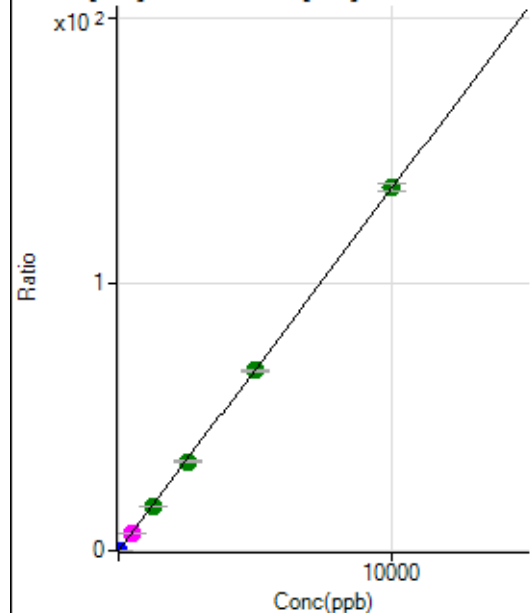
$$y = 0.0047 * x + 5.0395E-004$$

$$R = 1.0000$$

$$DL = 0.07132$$

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	644.47	0.0030	P	14.0
2	☐	2.000	1.891	6141.40	0.0287	P	2.1
3	☐	500.000	501.967	1465640.33	6.8194	M	0.8
4	☐	1250.000	1228.242	3481068.35	16.6818	A	1.9
5	☐	2500.000	2466.421	6796570.80	33.4956	A	0.3
6	☐	5000.000	4981.663	13400336.33	67.6511	A	0.7
7	☐	10000.000	10020.185	27029862.65	136.0713	A	2.2
8	☐			7666.75	0.0396	P	6.3

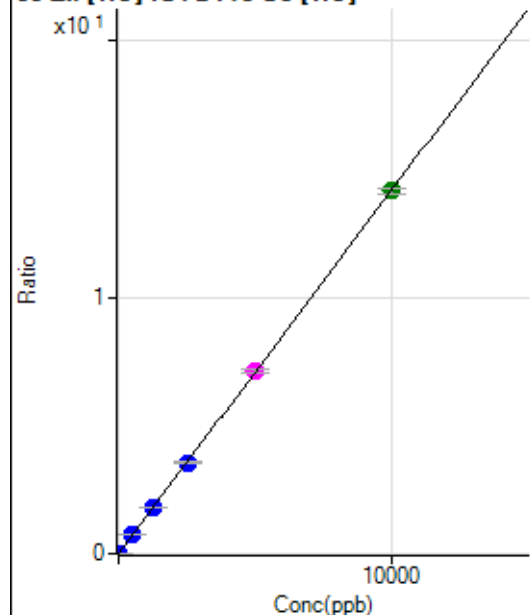
$$y = 0.0136 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 0.09283$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	134.45	0.0006	P	7.7
2	☐	2.000	2.606	924.49	0.0043	P	4.7
3	☐	500.000	506.403	154293.07	0.7179	P	0.5
4	☐	1250.000	1266.773	374554.79	1.7949	P	1.0
5	☐	2500.000	2510.615	721685.59	3.5567	P	0.6
6	☐	5000.000	5019.342	1408279.79	7.1101	M	2.0
7	☐	10000.000	9985.258	2809699.71	14.1439	A	1.5
8	☐			3921.71	0.0202	P	3.2

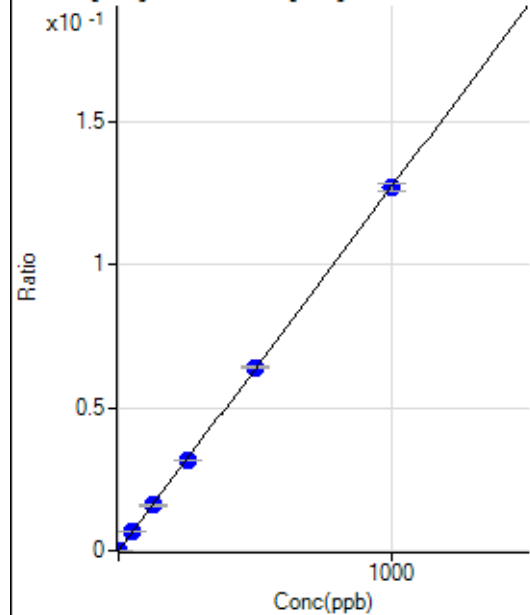
$$y = 0.0014 * x + 6.2700E-004$$

$$R = 1.0000$$

$$DL = 0.1022$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD:⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.33	0.0000	P	22.0
2	☐	1.000	0.940	188.69	0.0001	P	7.5
3	☐	50.000	50.758	9617.24	0.0065	P	2.2
4	☐	125.000	125.479	23339.54	0.0160	P	2.4
5	☐	250.000	249.823	45278.96	0.0318	P	0.4
6	☐	500.000	504.890	90084.93	0.0643	P	0.6
7	☐	1000.000	997.501	179374.81	0.1269	P	2.0
8	☐			80.01	0.0001	P	9.5

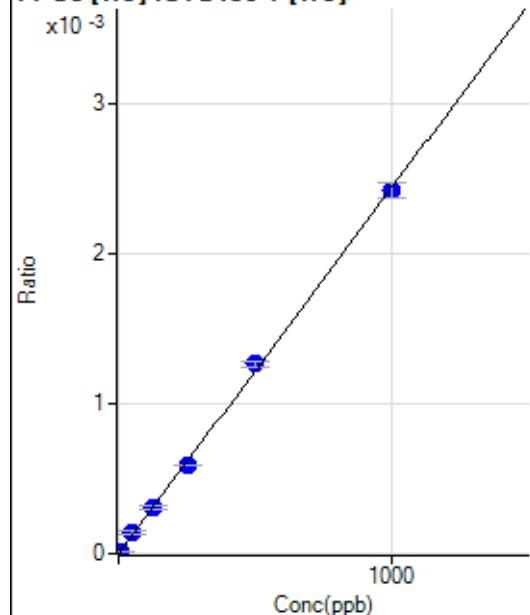
$$y = 1.2724E-004 * x + 6.2079E-006$$

$$R = 1.0000$$

$$DL = 0.03222$$

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	4.254	15.56	0.0000	P	12.5
3	☐	50.000	57.002	206.67	0.0001	P	12.7
4	☐	125.000	125.638	448.90	0.0003	P	10.6
5	☐	250.000	240.865	836.70	0.0006	P	1.3
6	☐	500.000	519.540	1776.80	0.0013	P	3.3
7	☐	1000.000	992.088	3419.34	0.0024	P	4.3
8	☐			5.56	0.0000	P	91.2

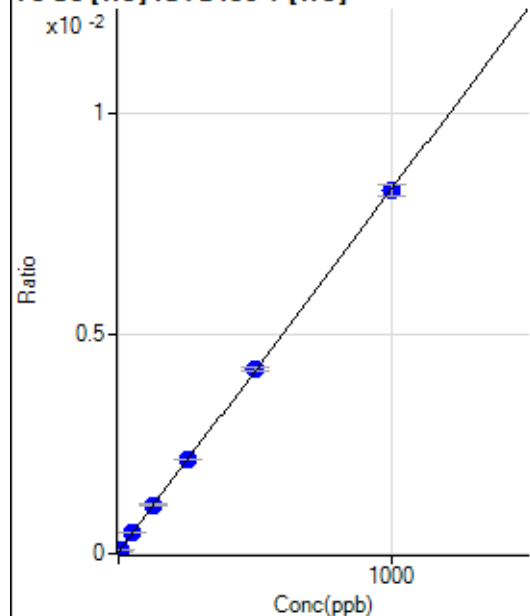
$$y = 2.4392\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

$$DL = 0$$

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	69.68	0.0000	P	20.3
2	☐	5.000	4.106	120.68	0.0001	P	9.3
3	☐	50.000	51.271	698.09	0.0005	P	1.6
4	☐	125.000	127.680	1605.25	0.0011	P	4.0
5	☐	250.000	253.865	3045.97	0.0021	P	1.0
6	☐	500.000	505.528	5906.51	0.0042	P	2.3
7	☐	1000.000	995.876	11663.00	0.0083	P	3.1
8	☐			57.34	0.0000	P	20.8

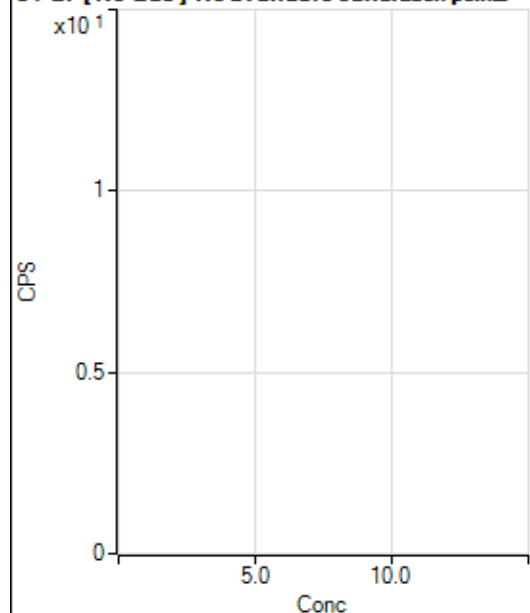
$$y = 8.2417\text{E-}006 * x + 4.6591\text{E-}005$$

$$R = 1.0000$$

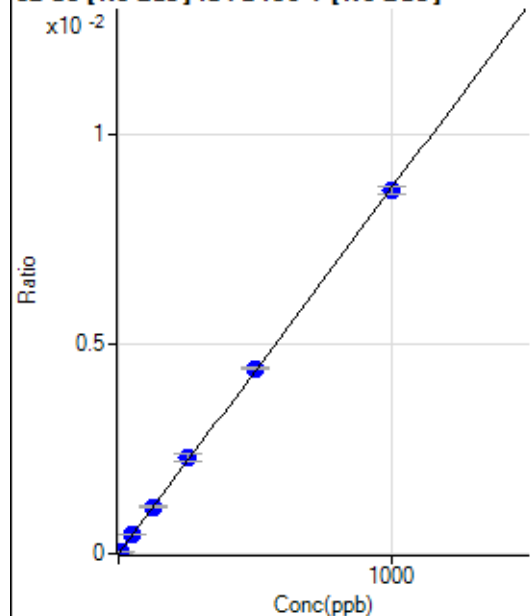
$$DL = 3.446$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21819.77		P	2.0
2	☐			21605.80		P	1.1
3	☐			21923.35		P	5.6
4	☐			20924.20		P	6.3
5	☐			20660.04		P	1.0
6	☐			21288.23		P	3.1
7	☐			20720.11		P	1.7
8	☐			21883.11		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-67.12	0.0000	P	-148.
2	☐	5.000	5.199	525.15	0.0000	P	10.7
3	☐	50.000	52.129	6122.15	0.0005	P	4.1
4	☐	125.000	128.533	15198.04	0.0011	P	4.1
5	☐	250.000	261.505	29922.60	0.0023	P	7.9
6	☐	500.000	507.397	59535.51	0.0044	P	1.6
7	☐	1000.000	992.876	116748.40	0.0087	P	2.0
8	☐			187.11	0.0000	P	21.1

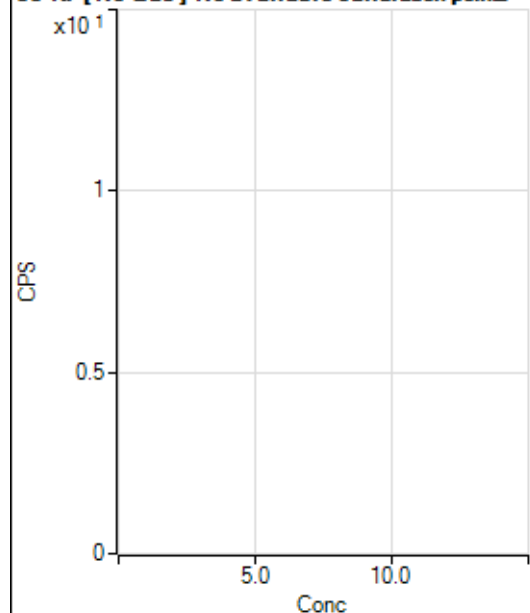
$$y = 8.7397E-006 * x - 5.0133E-006$$

$$R = 0.9999$$

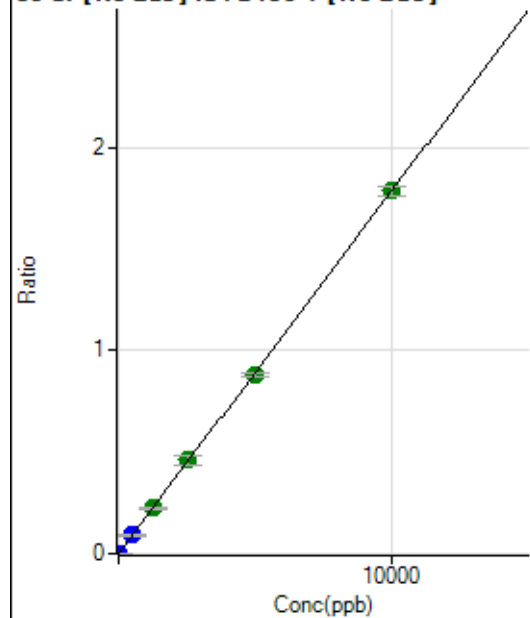
$$DL = 2.558$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			943.37		P	10.0
2	☐			902.26		P	6.0
3	☐			860.03		P	4.7
4	☐			900.04		P	3.4
5	☐			856.70		P	5.8
6	☐			890.04		P	7.1
7	☐			950.04		P	5.6
8	☐			897.82		P	5.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1469.57	0.0001	P	6.2
2	☐	1.000	0.994	3725.61	0.0003	P	2.8
3	☐	500.000	508.068	1231724.14	0.0907	P	5.4
4	☐	1250.000	1251.711	3033877.80	0.2233	A	4.7
5	☐	2500.000	2572.616	6017607.95	0.4588	A	8.8
6	☐	5000.000	4945.644	11855113.46	0.8819	A	1.7
7	☐	10000.000	10008.407	24021477.62	1.7845	A	2.6
8	☐			19662.68	0.0015	P	25.8

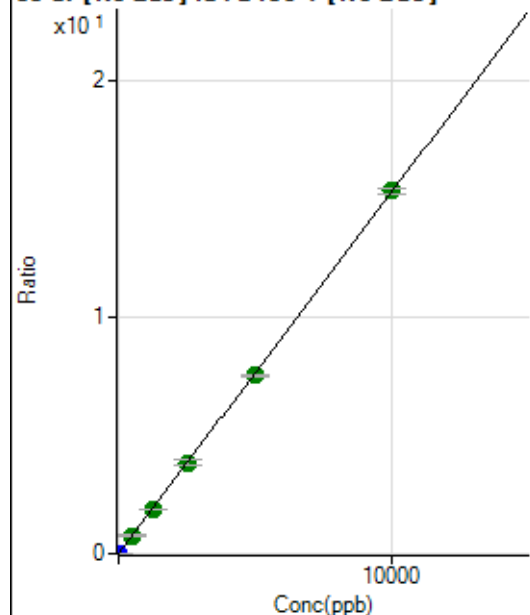
$$y = 1.7829E-004 * x + 1.0974E-004$$

$$R = 0.9999$$

$$DL = 0.1151$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.35	0.0000	P	13.0
2	☐	1.000	0.999	20167.84	0.0016	P	0.8
3	☐	500.000	499.486	10374458.91	0.7635	A	4.2
4	☐	1250.000	1225.011	25452703.87	1.8725	A	3.4
5	☐	2500.000	2522.182	50607537.59	3.8554	A	7.0
6	☐	5000.000	4924.968	101207302.2	7.5282	A	0.6
7	☐	10000.000	10035.120	206516314.3	15.3394	A	1.4
8	☐			160444.79	0.0124	P	28.4

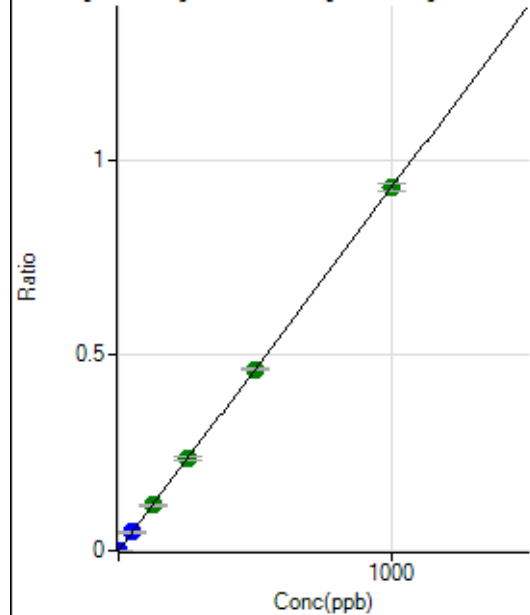
$$y = 0.0015 * x + 2.6759E-005$$

$$R = 1.0000$$

$$DL = 0.006802$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	808.38	0.0001	P	10.2
2	☐	1.000	0.933	12027.76	0.0009	P	2.9
3	☐	50.000	51.097	645446.87	0.0475	P	4.9
4	☐	125.000	124.904	1577064.01	0.1161	A	5.2
5	☐	250.000	254.418	3104818.56	0.2364	A	5.5
6	☐	500.000	499.296	6234158.91	0.4638	A	1.6
7	☐	1000.000	999.205	12493726.32	0.9281	A	2.0
8	☐			8342.06	0.0006	P	36.0

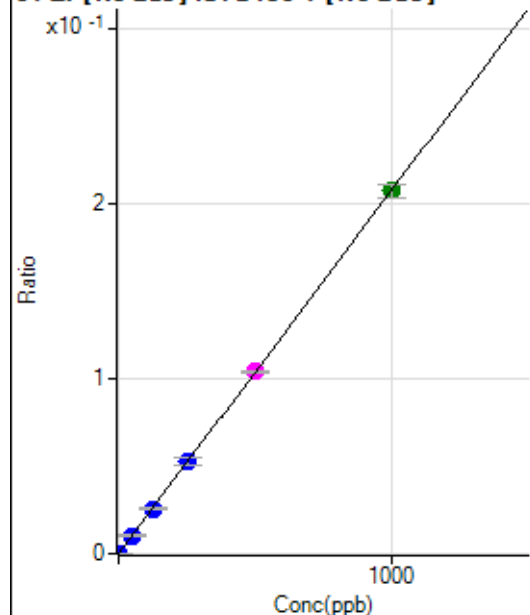
$$y = 9.2875E-004 * x + 6.0365E-005$$

$$R = 1.0000$$

$$DL = 0.01982$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	180.56	0.0000	P	10.7
2	☐	1.000	0.905	2616.98	0.0002	P	5.0
3	☐	50.000	49.798	140729.18	0.0104	P	5.2
4	☐	125.000	123.999	350363.81	0.0258	P	4.2
5	☐	250.000	254.026	693159.05	0.0528	P	6.7
6	☐	500.000	500.770	1398850.95	0.1041	M	1.6
7	☐	1000.000	998.744	2793533.98	0.2076	A	3.5
8	☐			1697.39	0.0001	P	27.3

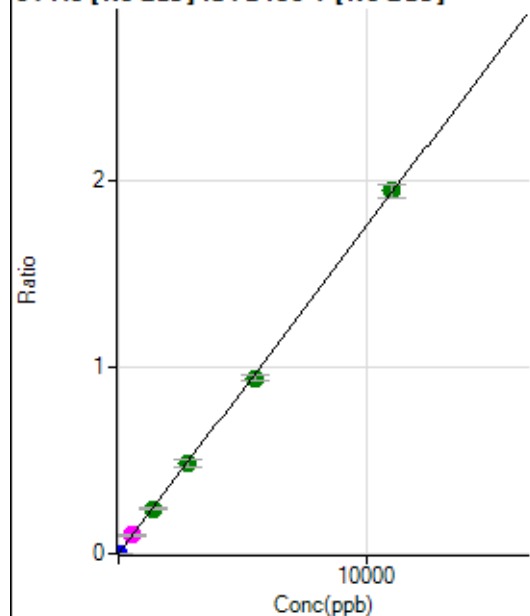
$$y = 2.0780E-004 * x + 1.3483E-005$$

$$R = 1.0000$$

$$DL = 0.02082$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.35	0.0000	P	18.0
2	☐	5.000	5.883	13732.16	0.0011	P	1.0
3	☐	550.000	557.892	1329519.42	0.0980	M	7.2
4	☐	1375.000	1377.260	3285479.39	0.2418	A	4.9
5	☐	2750.000	2773.892	6388949.28	0.4869	A	8.0
6	☐	5500.000	5362.476	12650291.17	0.9413	A	2.8
7	☐	11000.000	11062.111	26135964.65	1.9418	A	3.6
8	☐			10895.11	0.0008	P	58.1

$$y = 1.7554E-004 * x + 2.4891E-005$$

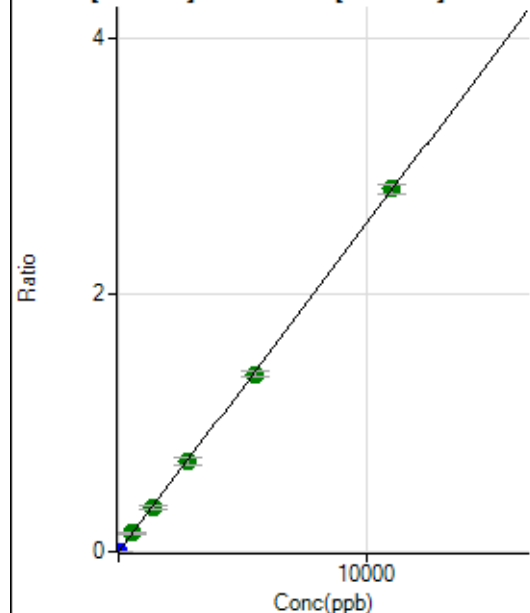
$$R = 0.9999$$

$$DL = 0.07644$$

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	16.4
2	☐	5.000	4.935	16451.80	0.0013	P	3.2
3	☐	550.000	556.303	1932923.41	0.1423	A	5.7
4	☐	1375.000	1352.956	4699683.40	0.3460	A	6.1
5	☐	2750.000	2757.975	9254323.12	0.7052	A	7.7
6	☐	5500.000	5410.403	18590155.10	1.3835	A	3.8
7	☐	11000.000	11045.245	38019044.95	2.8244	A	2.7
8	☐			13057.06	0.0010	P	67.2

$$y = 2.5571E-004 * x + 5.8085E-006$$

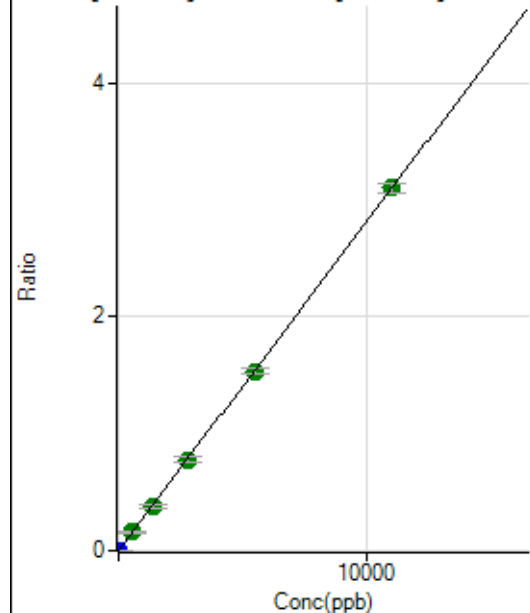
$$R = 0.9999$$

$$DL = 0.0112$$

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	150.01	0.0000	P	44.1
2	☐	5.000	4.947	18220.74	0.0014	P	2.3
3	☐	550.000	559.392	2139946.55	0.1575	A	4.9
4	☐	1375.000	1340.372	5126233.97	0.3773	A	5.4
5	☐	2750.000	2766.219	10219424.79	0.7787	A	7.5
6	☐	5500.000	5457.132	20645974.94	1.5362	A	2.5
7	☐	11000.000	11021.238	41764840.52	3.1025	A	2.6
8	☐			22793.73	0.0018	P	45.7

$$y = 2.8150E-004 * x + 1.1203E-005$$

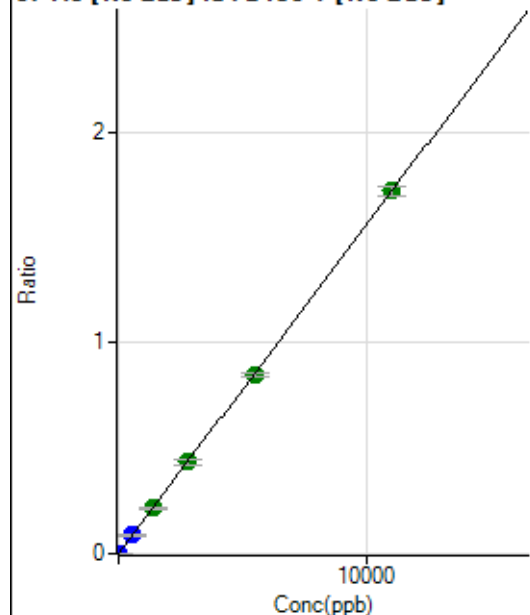
$$R = 1.0000$$

$$DL = 0.05269$$

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	19.44	0.0000	P	65.4
2	☐	5.000	4.860	9876.01	0.0008	P	4.0
3	☐	550.000	567.187	1203302.61	0.0887	P	7.0
4	☐	1375.000	1380.881	2933282.34	0.2158	A	5.6
5	☐	2750.000	2792.045	5730110.29	0.4364	A	6.2
6	☐	5500.000	5441.066	11429750.95	0.8504	A	2.0
7	☐	11000.000	11017.362	23179366.14	1.7220	A	2.8
8	☐			8532.29	0.0007	P	71.4

$$y = 1.5630E-004 * x + 1.4518E-006$$

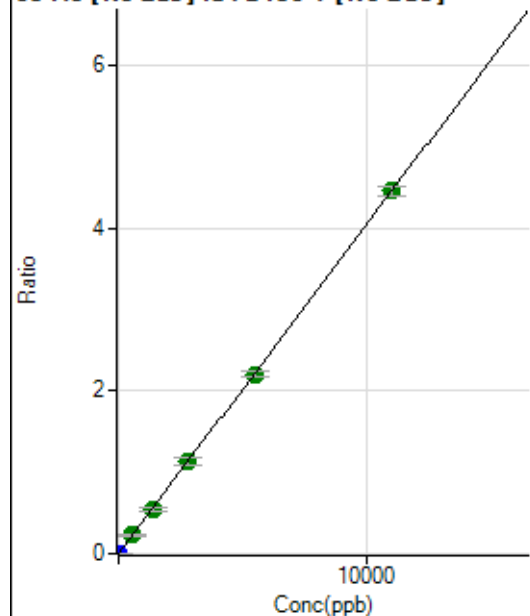
$$R = 1.0000$$

$$DL = 0.01823$$

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	100.00	0.0000	P	25.0
2	☐	5.000	4.897	25802.48	0.0020	P	1.1
3	☐	550.000	554.679	3044463.80	0.2243	A	7.1
4	☐	1375.000	1349.068	7412188.19	0.5455	A	5.5
5	☐	2750.000	2793.060	14821555.54	1.1294	A	7.7
6	☐	5500.000	5457.514	29655715.94	2.2069	A	3.1
7	☐	11000.000	11013.486	59949370.78	4.4535	A	2.5
8	☐			21538.95	0.0017	P	74.4

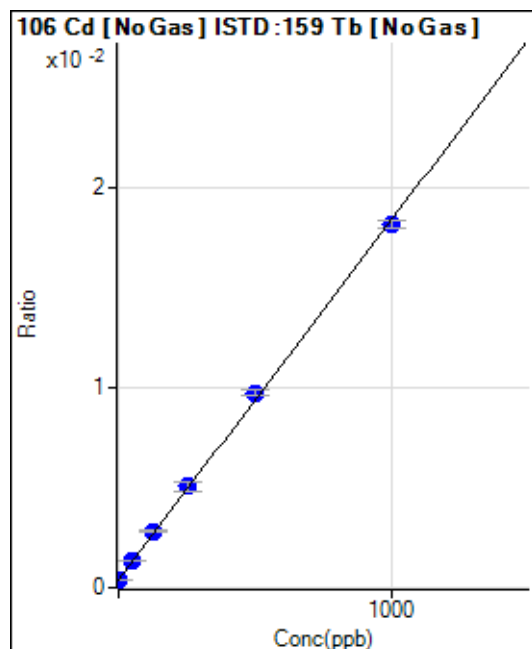
$$y = 4.0437E-004 * x + 7.4674E-006$$

$$R = 1.0000$$

$$DL = 0.01385$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3308.83	0.0004	P	3.1
2	☐	1.000	1.110	3408.86	0.0004	P	2.1
3	☐	50.000	54.577	11777.57	0.0014	P	0.8
4	☐	125.000	135.573	24639.48	0.0028	P	0.9
5	☐	250.000	261.274	45328.64	0.0051	P	9.4
6	☐	500.000	519.155	85097.38	0.0097	P	3.2
7	☐	1000.000	986.054	168413.49	0.0182	P	2.2
8	☐			3328.29	0.0004	P	6.6

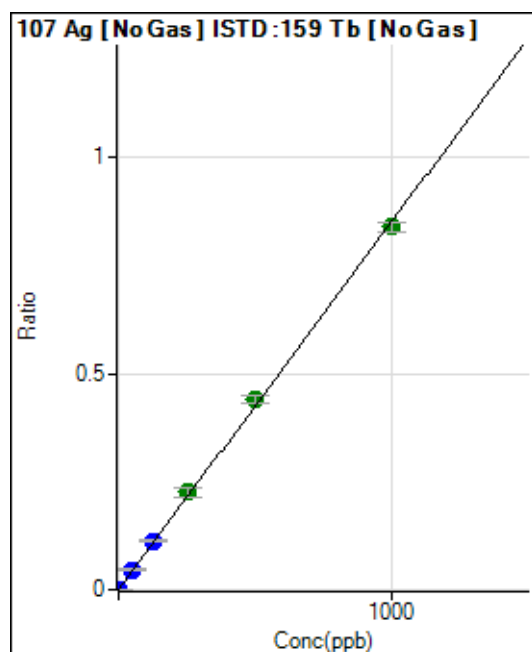
$$y = 1.8019\text{E-}005 * x + 3.8696\text{E-}004$$

$$R = 0.9996$$

$$DL = 2.004$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.01	0.0000	P	21.8
2	☐	1.000	0.974	7149.27	0.0009	P	5.9
3	☐	50.000	54.149	395401.36	0.0461	P	4.1
4	☐	125.000	132.889	983513.01	0.1130	P	2.8
5	☐	250.000	264.178	1998754.62	0.2246	A	8.3
6	☐	500.000	517.220	3840680.16	0.4397	A	3.7
7	☐	1000.000	986.652	7779417.97	0.8387	A	2.4
8	☐			2308.59	0.0003	P	9.6

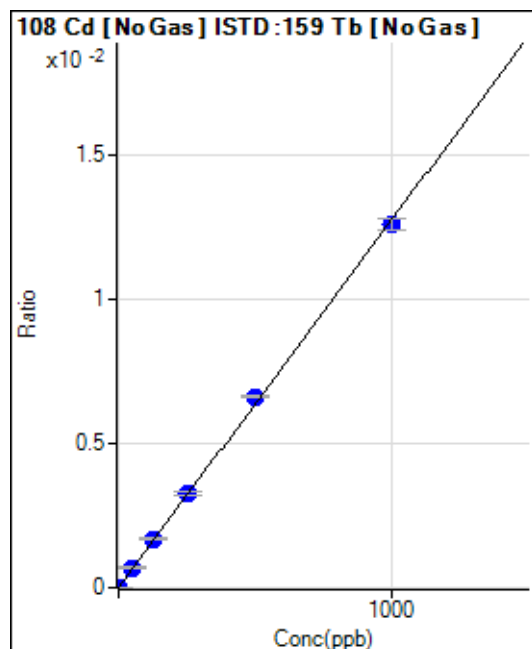
$$y = 8.4998\text{E-}004 * x + 2.6273\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.02023$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.17	0.0000	P	37.0
2	☐	1.000	1.089	144.45	0.0000	P	18.0
3	☐	50.000	54.681	6001.39	0.0007	P	3.9
4	☐	125.000	132.922	14749.76	0.0017	P	0.8
5	☐	250.000	256.565	29112.99	0.0033	P	4.6
6	☐	500.000	520.136	57828.09	0.0066	P	1.7
7	☐	1000.000	987.066	116476.71	0.0126	P	3.2
8	☐			141.67	0.0000	P	56.6

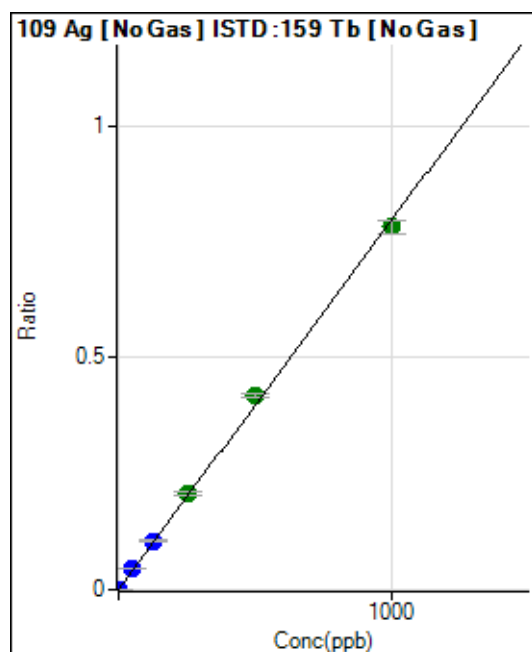
$$y = 1.2720\text{E-}005 * x + 3.4033\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.2968$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	14.5
2	☐	1.000	0.928	6357.21	0.0008	P	4.5
3	☐	50.000	55.667	380904.29	0.0443	P	2.4
4	☐	125.000	132.610	919572.90	0.1056	P	1.2
5	☐	250.000	260.193	1846623.83	0.2072	A	4.8
6	☐	500.000	527.590	3670779.47	0.4201	A	2.1
7	☐	1000.000	982.422	7255319.35	0.7823	A	3.6
8	☐			2314.16	0.0003	P	23.2

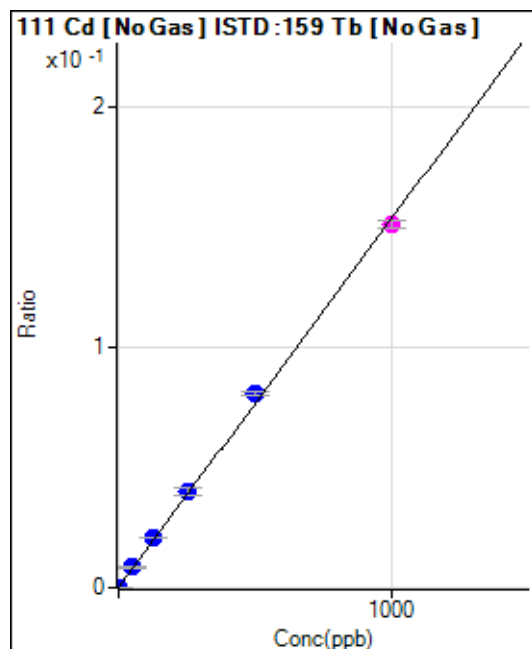
$$y = 7.9632\text{E-}004 * x + 2.0156\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.01101$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.25	0.0000	P	2.6
2	☐	1.000	1.001	1616.24	0.0002	P	5.4
3	☐	50.000	54.710	72362.13	0.0084	P	4.0
4	☐	125.000	133.665	178778.39	0.0205	P	1.2
5	☐	250.000	259.766	354978.89	0.0399	P	7.0
6	☐	500.000	525.413	704083.73	0.0806	P	1.4
7	☐	1000.000	983.533	1399155.76	0.1508	M	2.2
8	☐			772.57	0.0001	P	33.1

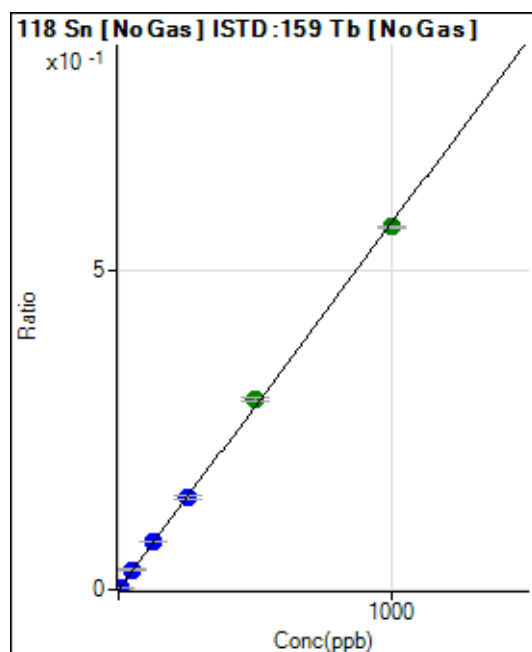
$$y = 1.5332\text{E-}004 * x + 3.9556\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.0204$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1041.16	0.0001	P	79.0
2	☐	5.000	4.917	24731.47	0.0030	P	1.3
3	☐	50.000	54.782	271798.67	0.0317	P	3.8
4	☐	125.000	130.445	654725.98	0.0752	P	1.0
5	☐	250.000	253.225	1300037.92	0.1459	P	4.4
6	☐	500.000	517.368	2602440.92	0.2979	A	2.1
7	☐	1000.000	989.590	5286423.08	0.5697	A	0.4
8	☐			2553.14	0.0003	P	41.6

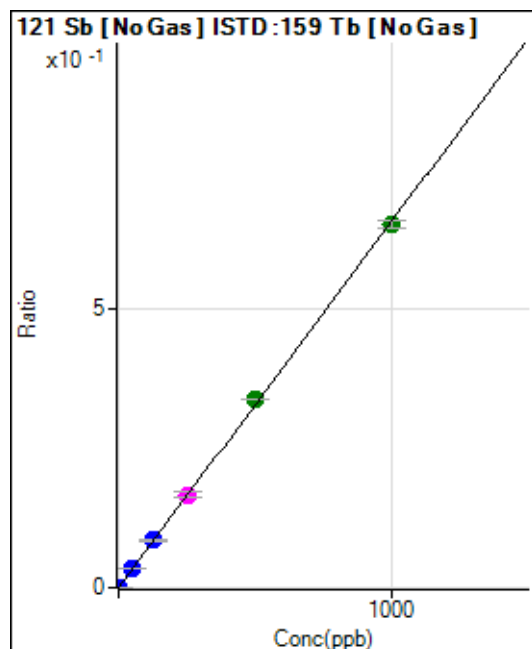
$$y = 5.7556\text{E-}004 * x + 1.2215\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.5028$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	58.6
2	☐	2.000	1.917	10559.92	0.0013	P	5.2
3	☐	50.000	52.901	297742.15	0.0347	P	4.2
4	☐	125.000	129.637	739805.30	0.0850	P	1.5
5	☐	250.000	254.256	1484976.30	0.1667	M	5.0
6	☐	500.000	514.328	2945325.31	0.3371	A	0.2
7	☐	1000.000	991.048	6026808.64	0.6496	A	2.2
8	☐			6296.13	0.0007	P	15.1

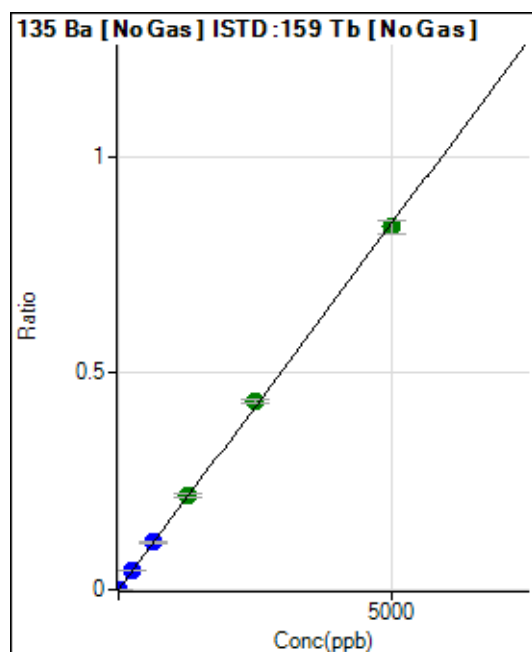
$$y = 6.5546\text{E-}004 * x + 4.2389\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01136$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	1.3
2	☐	10.000	9.610	13629.53	0.0016	P	3.0
3	☐	250.000	259.951	377155.84	0.0439	P	3.8
4	☐	625.000	646.938	951596.18	0.1093	P	1.6
5	☐	1250.000	1286.002	1935833.42	0.2173	A	5.4
6	☐	2500.000	2564.172	3784741.84	0.4332	A	2.0
7	☐	5000.000	4955.674	7764815.54	0.8373	A	3.6
8	☐			3709.15	0.0004	P	56.7

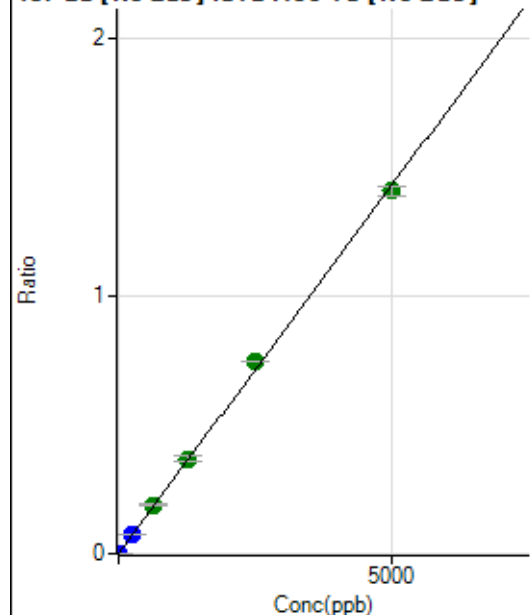
$$y = 1.6895\text{E-}004 * x + 3.8989\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.0009026$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	48.1
2	☐	10.000	9.654	23153.80	0.0028	P	4.0
3	☐	250.000	264.347	648785.56	0.0756	P	4.8
4	☐	625.000	659.347	1641456.67	0.1885	A	3.3
5	☐	1250.000	1287.058	3276876.70	0.3679	A	6.7
6	☐	2500.000	2612.646	6525192.29	0.7469	A	1.0
7	☐	5000.000	4929.402	13070222.25	1.4092	A	2.9
8	☐			6443.75	0.0007	P	49.5

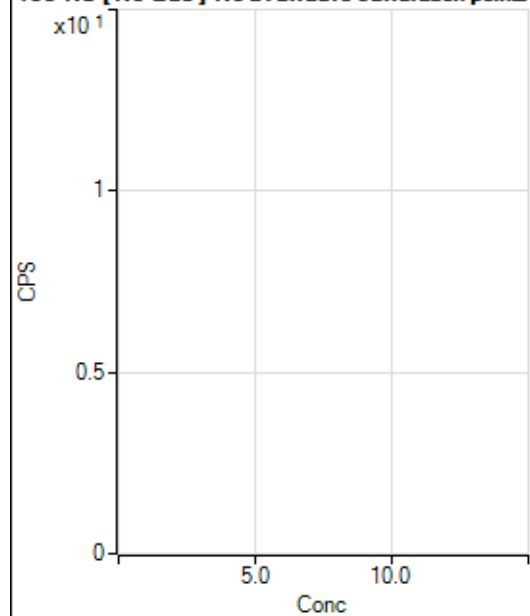
$$y = 2.8587E-004 * x + 5.2184E-006$$

$$R = 0.9996$$

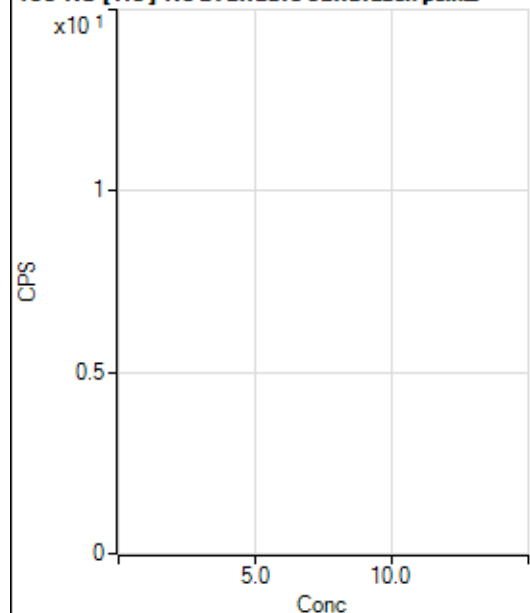
$$DL = 0.02636$$

Weight: <None>

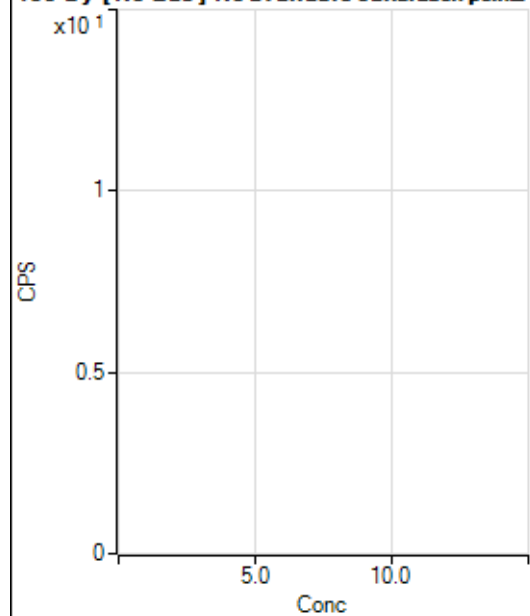
Min Conc: 0

150 Nd [No Gas] No available calibration points

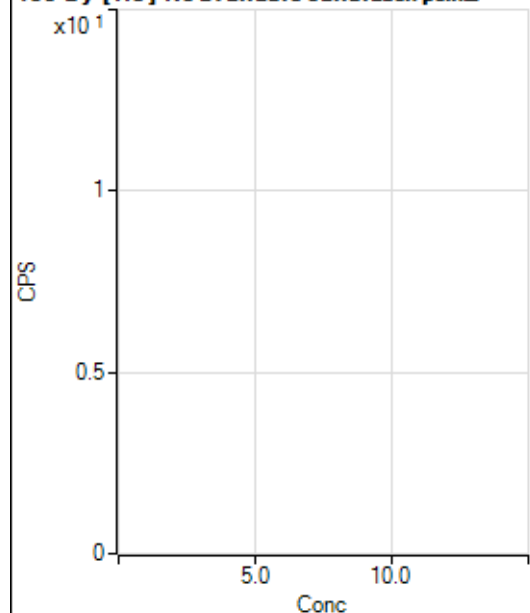
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	100.0
3	☐			22.22		P	75.5
4	☐			60.00		P	0.0
5	☐			91.11		P	15.2
6	☐			186.67		P	15.6
7	☐			313.35		P	10.6
8	☐			66.67		P	0.0

150 Nd [He] No available calibration points

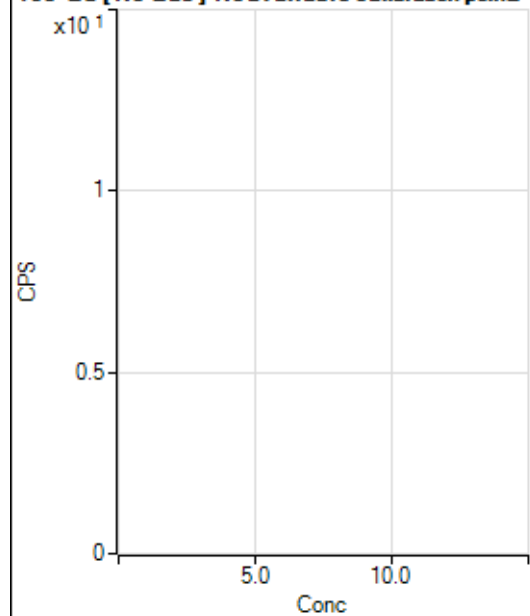
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			7.78		P	137.8
4	☐			7.78		P	24.7
5	☐			11.11		P	96.4
6	☐			12.22		P	15.7
7	☐			34.45		P	20.1
8	☐			13.33		P	90.2

156 Dy [No Gas] No available calibration points

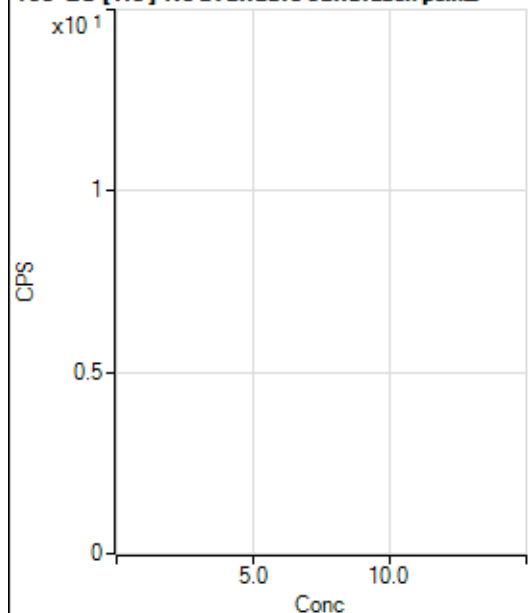
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.0
2	☐			8.33		P	100.0
3	☐			11.11		P	114.6
4	☐			47.23		P	20.4
5	☐			88.89		P	23.6
6	☐			141.67		P	11.8
7	☐			261.12		P	13.3
8	☐			1180.64		P	3.6

156 Dy [He] No available calibration points

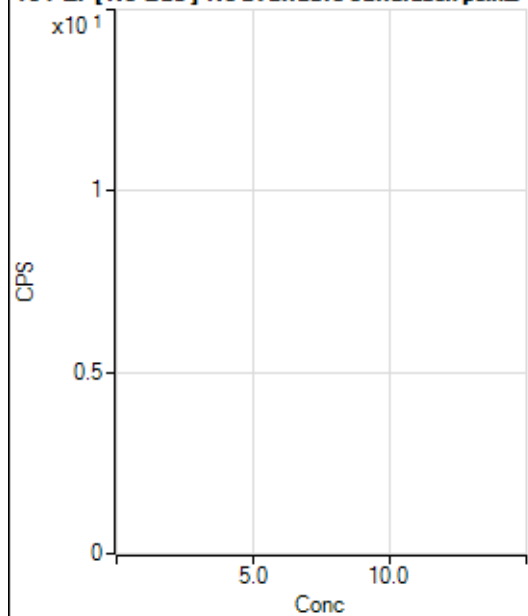
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			5.56		P	34.7
3	☐			12.22		P	56.8
4	☐			20.00		P	66.7
5	☐			30.00		P	29.4
6	☐			81.11		P	24.8
7	☐			135.56		P	15.8
8	☐			421.12		P	9.4

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

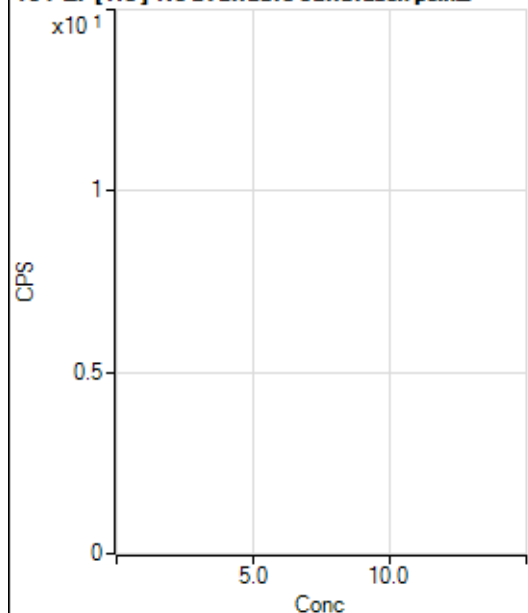
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	56.8
2	☐			41.67		P	34.7
3	☐			47.22		P	44.4
4	☐			72.22		P	35.2
5	☐			86.12		P	29.6
6	☐			136.12		P	9.4
7	☐			261.12		P	17.6
8	☐			1016.74		P	18.9

160 Gd [He] No available calibration points

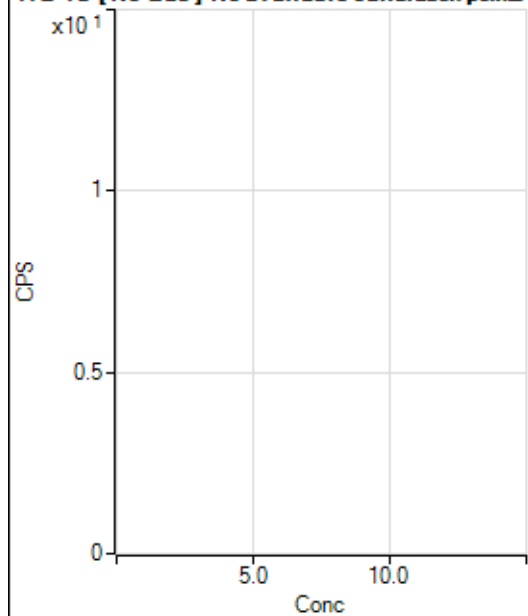
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	22.0
2	☐			52.22		P	24.2
3	☐			94.44		P	12.4
4	☐			83.33		P	14.4
5	☐			88.89		P	5.7
6	☐			111.11		P	10.5
7	☐			176.67		P	30.4
8	☐			540.02		P	9.3

164 Er [No Gas] No available calibration points

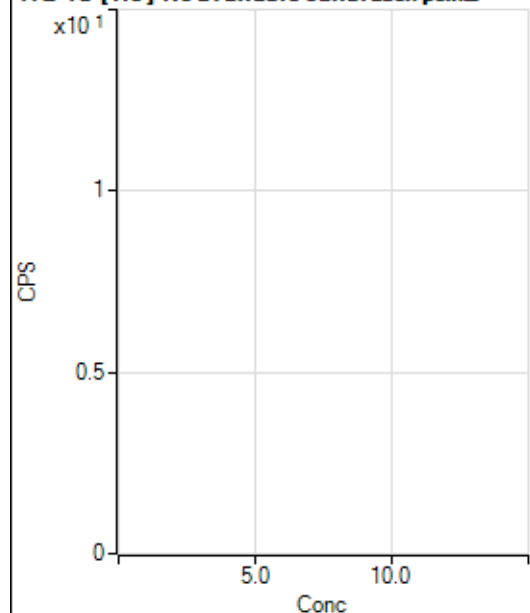
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	56.8
2	☐			55.56		P	56.8
3	☐			50.00		P	16.7
4	☐			75.00		P	57.7
5	☐			66.67		P	33.1
6	☐			69.44		P	27.7
7	☐			88.89		P	14.3
8	☐			152.78		P	22.0

164 Er [He] No available calibration points

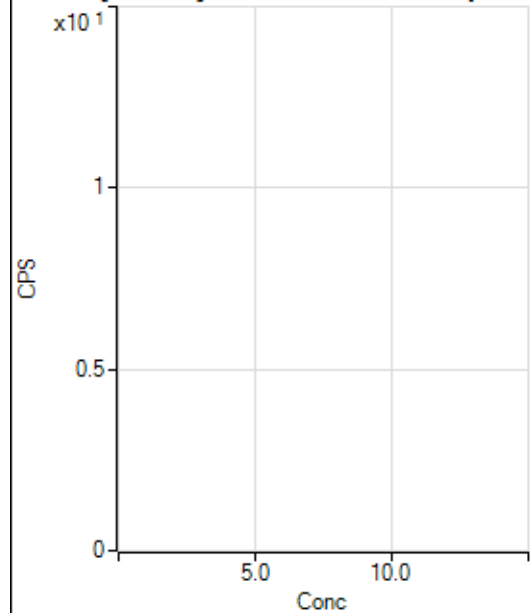
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	34.6
2	☐			21.11		P	18.2
3	☐			31.11		P	22.3
4	☐			31.11		P	52.9
5	☐			33.33		P	30.0
6	☐			41.11		P	33.8
7	☐			51.11		P	10.0
8	☐			72.22		P	20.8

172 Yb [No Gas] No available calibration points

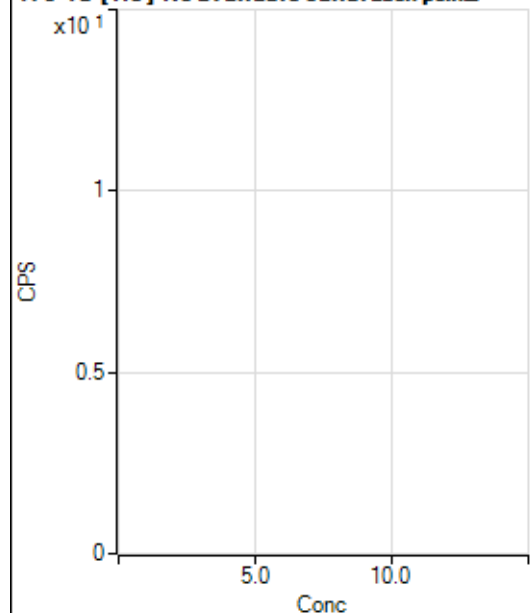
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	56.8
2	☐			27.78		P	45.8
3	☐			30.56		P	31.5
4	☐			36.11		P	58.1
5	☐			41.67		P	20.0
6	☐			19.44		P	65.5
7	☐			33.34		P	43.3
8	☐			119.45		P	14.5

172 Yb [He] No available calibration points

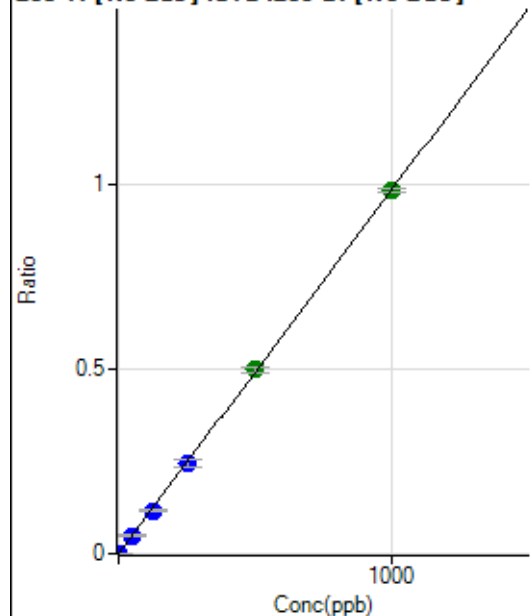
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.96		P	24.8
2	☐			12.96		P	89.2
3	☐			18.52		P	91.7
4	☐			1.85		P	173.2
5	☐			12.96		P	65.4
6	☐			7.41		P	43.2
7	☐			16.67		P	33.3
8	☐			51.85		P	40.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			955.62		P	9.0
2	☐			1005.63		P	8.3
3	☐			1897.43		P	4.2
4	☐			3275.51		P	5.2
5	☐			5890.38		P	5.6
6	☐			10259.85		P	1.8
7	☐			20961.78		P	1.6
8	☐			972.29		P	16.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5592.01		P	2.5
2	☐			5214.08		P	3.5
3	☐			6001.49		P	5.3
4	☐			6601.76		P	5.9
5	☐			7576.41		P	5.6
6	☐			10198.53		P	2.8
7	☐			15344.39		P	3.2
8	☐			5088.11		P	6.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	441.69	0.0001	P	3.9
2	☐	1.000	1.133	5026.12	0.0012	P	8.4
3	☐	50.000	49.883	214888.76	0.0492	P	2.9
4	☐	125.000	118.470	536965.73	0.1167	P	1.3
5	☐	250.000	250.306	1110699.92	0.2465	P	8.0
6	☐	500.000	505.282	2275174.94	0.4975	A	3.4
7	☐	1000.000	998.105	4567825.23	0.9826	A	1.2
8	☐			1758.56	0.0004	P	51.5

$$y = 9.8440\text{E-}004 * x + 1.0067\text{E-}004$$

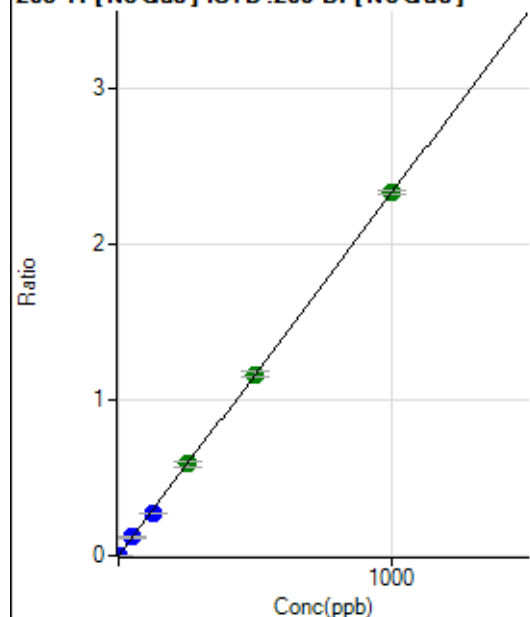
$$R = 1.0000$$

$$DL = 0.01197$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	963.95	0.0002	P	15.8
2	☐	1.000	1.169	12158.82	0.0029	P	5.1
3	☐	50.000	50.550	514948.22	0.1179	P	3.5
4	☐	125.000	117.725	1261768.88	0.2742	P	1.1
5	☐	250.000	252.280	2649159.41	0.5874	A	5.4
6	☐	500.000	499.327	5317034.32	1.1625	A	2.9
7	☐	1000.000	1000.648	10828163.44	2.3294	A	1.2
8	☐			4095.50	0.0010	P	60.9

$$y = 0.0023 * x + 2.1969E-004$$

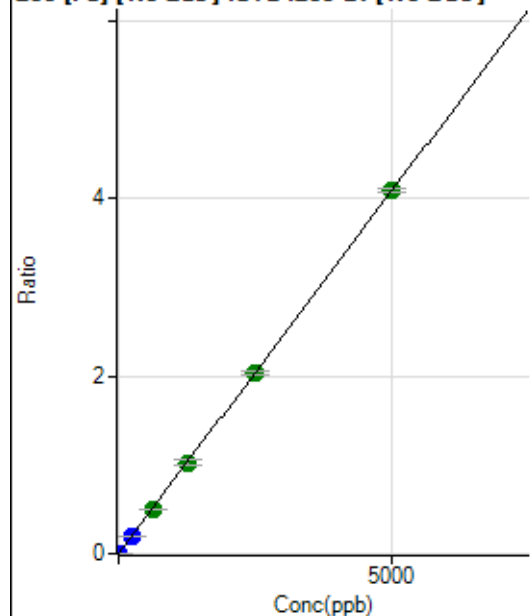
$$R = 1.0000$$

$$DL = 0.04464$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	516.69	0.0001	P	12.5
2	☐	1.000	0.927	3619.09	0.0009	P	2.4
3	☐	250.000	240.855	858905.95	0.1967	P	4.3
4	☐	625.000	603.072	2265399.91	0.4924	A	0.6
5	☐	1250.000	1255.808	4624149.24	1.0252	A	5.4
6	☐	2500.000	2493.621	9313722.08	2.0357	A	1.8
7	☐	5000.000	5004.936	18992668.48	4.0857	A	1.2
8	☐			11565.26	0.0027	P	30.5

$$y = 8.1630E-004 * x + 1.1794E-004$$

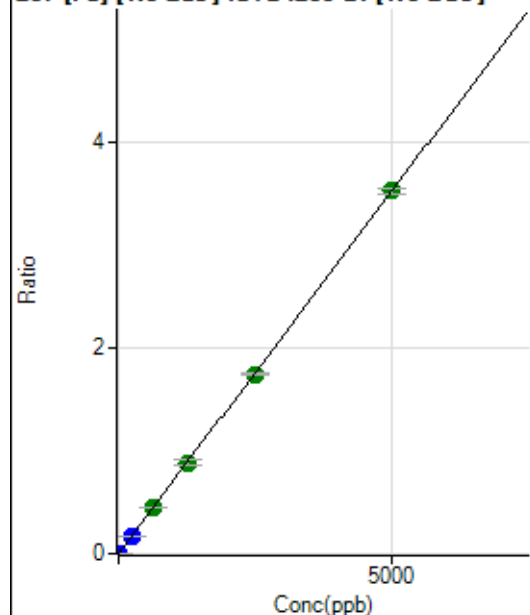
$$R = 1.0000$$

$$DL = 0.05412$$

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	474.09	0.0001	P	11.0
2	☐	1.000	0.975	3285.66	0.0008	P	9.5
3	☐	250.000	247.947	764156.22	0.1750	P	2.5
4	☐	625.000	629.846	2044162.95	0.4443	A	0.2
5	☐	1250.000	1258.513	4004996.88	0.8877	A	5.2
6	☐	2500.000	2476.012	7989697.17	1.7464	A	1.0
7	☐	5000.000	5009.363	16423442.15	3.5331	A	1.8
8	☐			10573.62	0.0025	P	32.7

$$y = 7.0527E-004 * x + 1.0768E-004$$

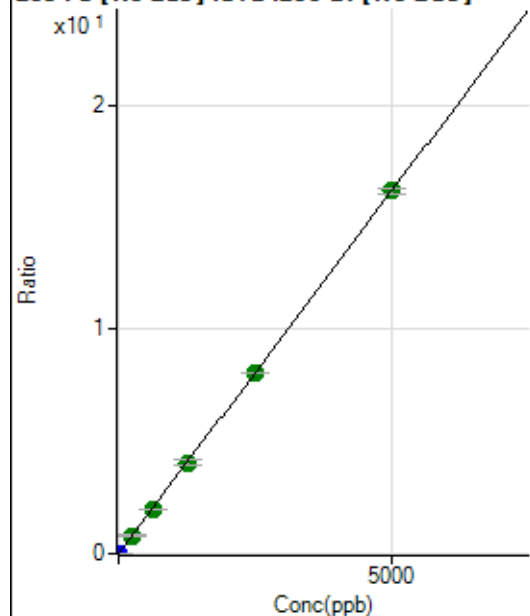
$$R = 1.0000$$

$$DL = 0.0505$$

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	2087.14	0.0005	P	4.5
2	☐	1.000	0.953	14688.71	0.0036	P	5.1
3	☐	250.000	251.681	3552915.09	0.8136	A	2.7
4	☐	625.000	617.715	9183696.30	1.9961	A	1.4
5	☐	1250.000	1255.144	18296543.90	4.0553	A	5.1
6	☐	2500.000	2488.551	36782956.73	8.0400	A	0.3
7	☐	5000.000	5005.265	75168860.59	16.1705	A	1.4
8	☐			47400.86	0.0113	P	33.5

$$y = 0.0032 * x + 4.7517E-004$$

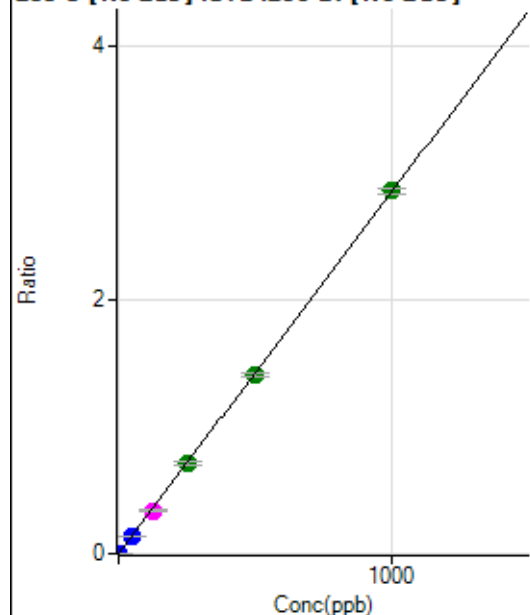
$$R = 1.0000$$

$$DL = 0.01999$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	59.9
2	☐	1.000	0.909	10743.73	0.0026	P	4.6
3	☐	50.000	48.616	605380.35	0.1386	P	3.8
4	☐	125.000	118.063	1548824.63	0.3367	M	3.0
5	☐	250.000	252.189	3244469.10	0.7192	A	4.3
6	☐	500.000	493.786	6440773.71	1.4082	A	2.4
7	☐	1000.000	1003.496	13302918.35	2.8618	A	1.6
8	☐			3364.75	0.0008	P	78.4

$$y = 0.0029 * x + 5.1285E-006$$

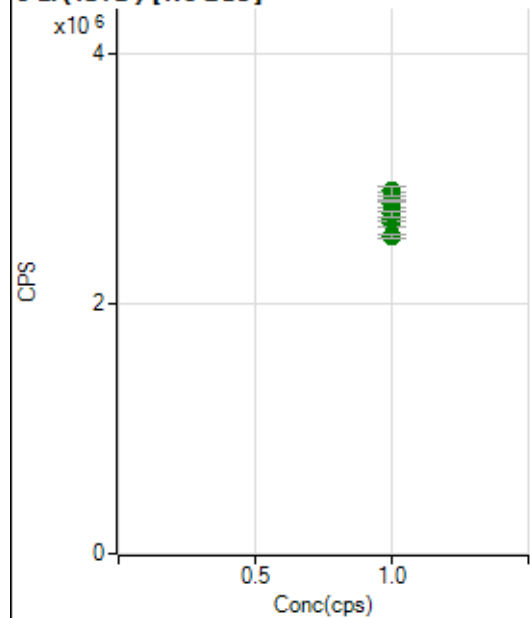
$$R = 0.9999$$

$$DL = 0.003233$$

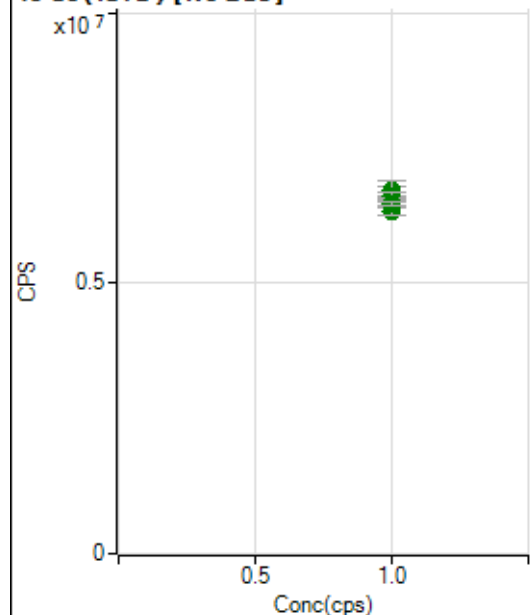
Weight: <None>

Min Conc: 0

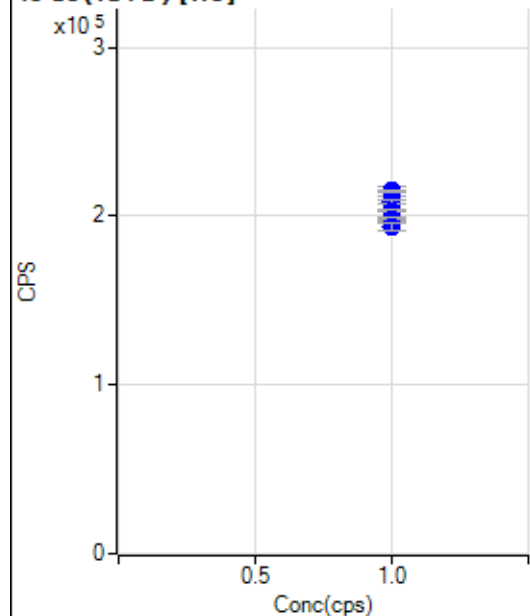
6 Li (ISTD) [No Gas]



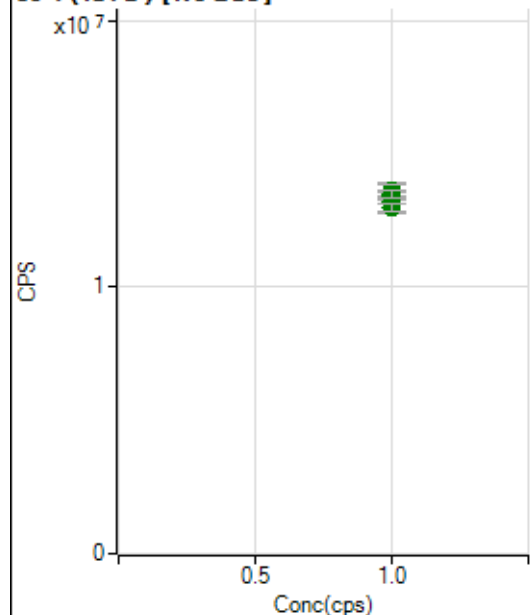
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2644491.32		A	1.7
2	☐	1.000		2540539.29		A	1.6
3	☐	1.000		2686454.61		A	1.1
4	☐	1.000		2798109.95		A	1.5
5	☐	1.000		2799428.09		A	7.2
6	☐	1.000		2827135.88		A	0.2
7	☐	1.000		2906816.13		A	2.6
8	☐	1.000		2725927.83		A	1.8

45 Sc (ISTD) [No Gas]

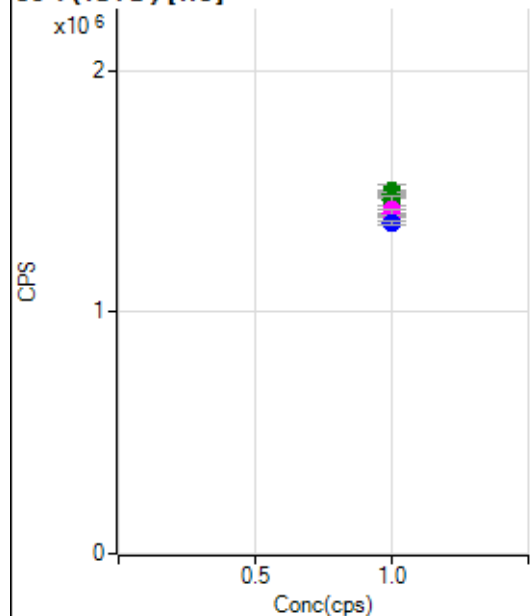
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6597170.18		A	0.5
2	☐	1.000		6339656.71		A	2.9
3	☐	1.000		6694313.79		A	3.3
4	☐	1.000		6695314.97		A	2.7
5	☐	1.000		6712675.87		A	6.0
6	☐	1.000		6480766.29		A	2.1
7	☐	1.000		6626942.47		A	1.8
8	☐	1.000		6487652.61		A	1.2

45 Sc (ISTD) [He]

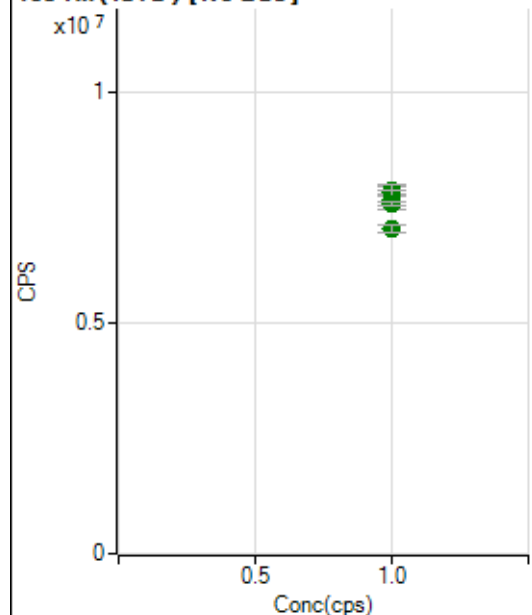
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		214731.43		P	2.9
2	☐	1.000		214100.25		P	0.2
3	☐	1.000		214921.61		P	0.2
4	☐	1.000		208670.93		P	0.9
5	☐	1.000		202908.12		P	0.5
6	☐	1.000		198083.52		P	0.8
7	☐	1.000		198662.71		P	0.6
8	☐	1.000		193681.26		P	2.0

89 Y (ISTD) [No Gas]

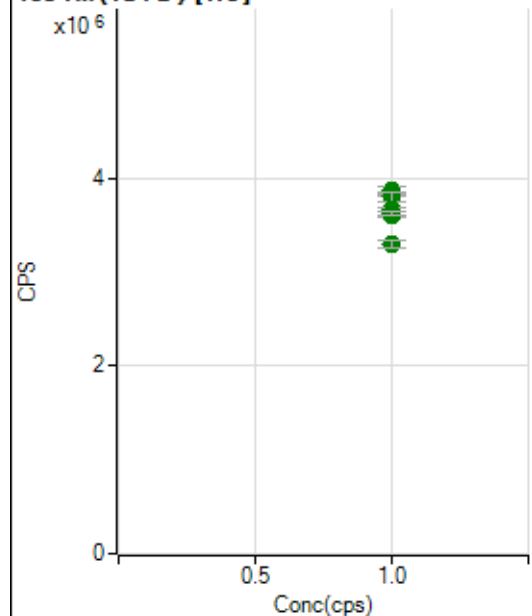
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13391588.13		A	0.1
2	☐	1.000		12982962.03		A	1.8
3	☐	1.000		13605503.27		A	5.0
4	☐	1.000		13604747.02		A	4.0
5	☐	1.000		13165091.05		A	6.4
6	☐	1.000		13443538.69		A	2.0
7	☐	1.000		13465435.21		A	2.0
8	☐	1.000		12960319.94		A	2.1

89 Y (ISTD) [He]

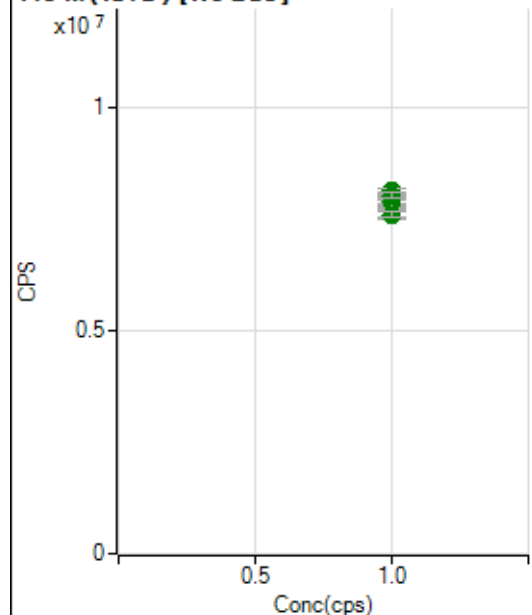
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1502477.09		A	3.5
2	☐	1.000		1499394.16		A	1.1
3	☐	1.000		1487860.24		A	1.2
4	☐	1.000		1461873.75		A	2.8
5	☐	1.000		1424101.54		M	0.2
6	☐	1.000		1402145.68		M	1.0
7	☐	1.000		1413547.86		M	2.1
8	☐	1.000		1367766.58		P	1.4

103 Rh (ISTD) [No Gas]

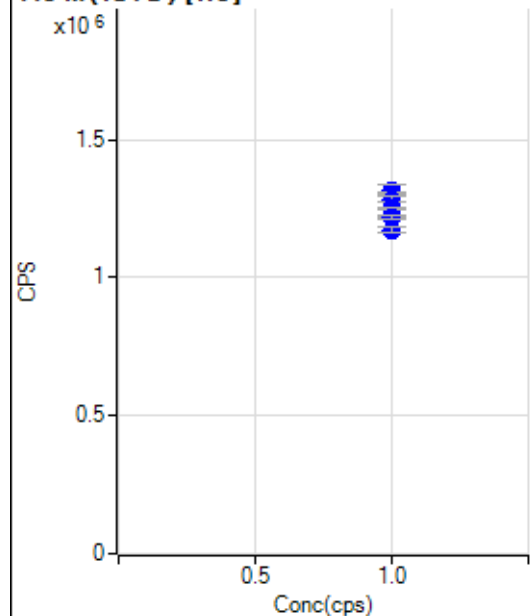
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7850042.62		A	1.3
2	☐	1.000		7619847.31		A	4.1
3	☐	1.000		7861184.98		A	2.9
4	☐	1.000		7873827.43		A	3.0
5	☐	1.000		7678708.24		A	5.8
6	☐	1.000		7595565.62		A	1.5
7	☐	1.000		7609457.89		A	1.3
8	☐	1.000		7061223.68		A	2.2

103 Rh (ISTD) [He]

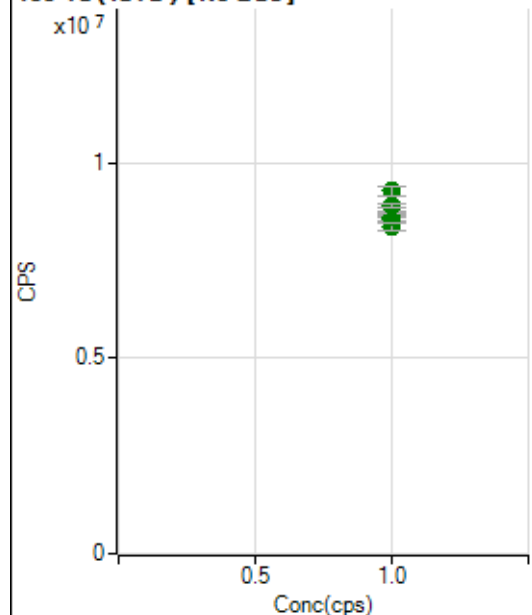
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3866392.93		A	3.0
2	☐	1.000		3844456.09		A	0.7
3	☐	1.000		3842950.81		A	0.5
4	☐	1.000		3805576.54		A	2.6
5	☐	1.000		3670653.28		A	0.8
6	☐	1.000		3598576.72		A	0.7
7	☐	1.000		3625624.39		A	0.8
8	☐	1.000		3303024.33		A	2.8

115 In (ISTD) [No Gas]

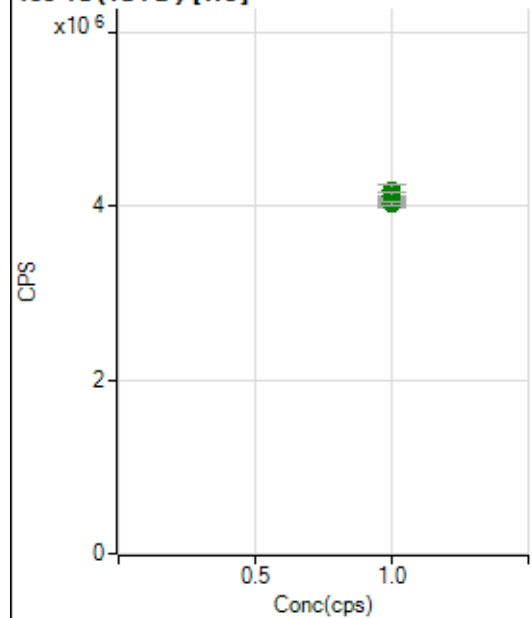
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7884500.52		A	1.5
2	☐	1.000		7662935.20		A	4.6
3	☐	1.000		8127535.64		A	2.2
4	☐	1.000		8137475.60		A	1.9
5	☐	1.000		7914437.55		A	4.1
6	☐	1.000		7886130.74		A	3.7
7	☐	1.000		8042768.42		A	1.7
8	☐	1.000		7604582.26		A	2.0

115 In (ISTD) [He]

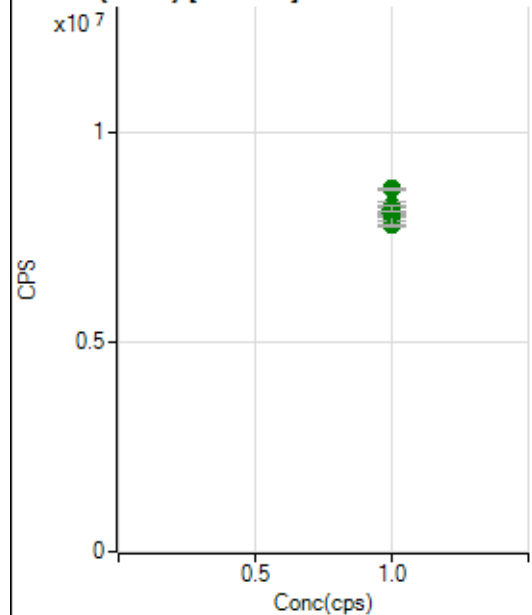
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1314357.45		P	3.3
2	☐	1.000		1296971.54		P	0.4
3	☐	1.000		1305907.43		P	0.6
4	☐	1.000		1285293.09		P	1.3
5	☐	1.000		1251055.08		P	0.6
6	☐	1.000		1221109.33		P	0.8
7	☐	1.000		1219125.29		P	0.7
8	☐	1.000		1172322.73		P	1.6

159 Tb (ISTD) [No Gas]

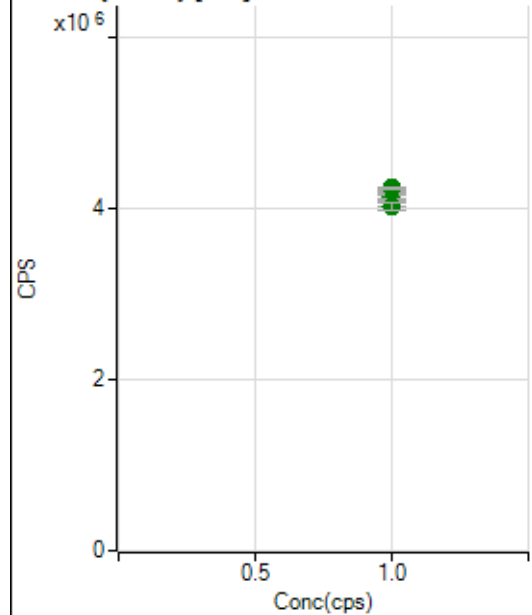
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8549452.02		A	1.3
2	☐	1.000		8378916.19		A	2.5
3	☐	1.000		8593187.51		A	3.1
4	☐	1.000		8706696.74		A	0.9
5	☐	1.000		8925972.78		A	5.2
6	☐	1.000		8736699.94		A	0.7
7	☐	1.000		9280166.25		A	2.9
8	☐	1.000		8894772.71		A	0.8

159 Tb (ISTD) [He]

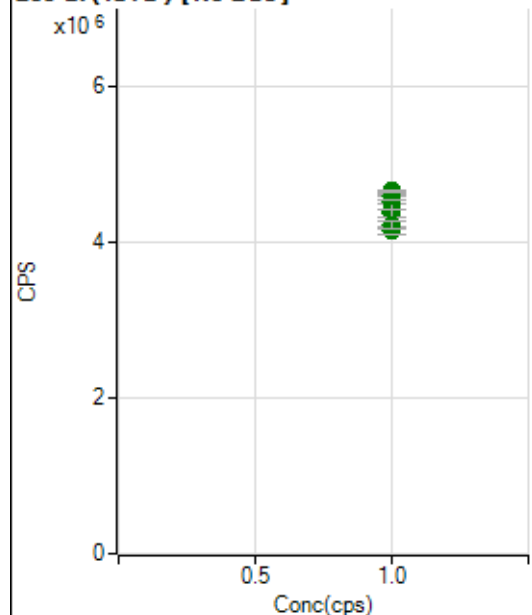
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4055037.51		A	3.5
2	☐	1.000		4043930.18		A	0.6
3	☐	1.000		4117094.73		A	1.7
4	☐	1.000		4174553.38		A	3.1
5	☐	1.000		4046673.55		A	0.4
6	☐	1.000		4081041.71		A	0.5
7	☐	1.000		4113080.11		A	2.1
8	☐	1.000		4032713.38		A	0.8

165 Ho (ISTD) [No Gas]

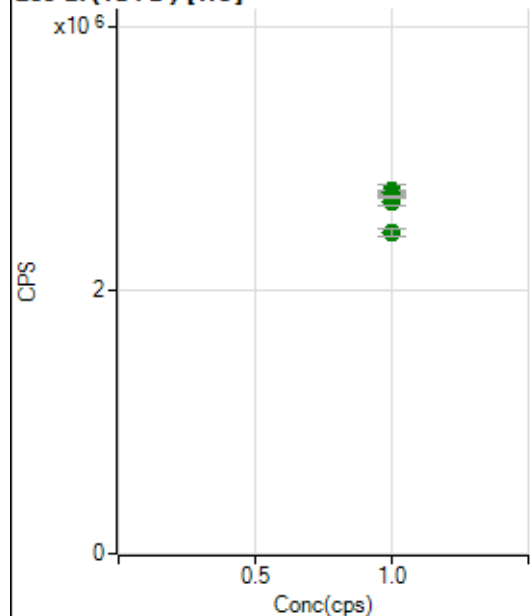
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8002898.27		A	0.6
2	☐	1.000		7828603.91		A	2.0
3	☐	1.000		8146726.31		A	2.5
4	☐	1.000		8211480.83		A	3.4
5	☐	1.000		8094754.00		A	6.6
6	☐	1.000		8292309.13		A	1.5
7	☐	1.000		8671248.80		A	0.5
8	☐	1.000		8199325.79		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4137769.62		A	2.3
2	☐	1.000		4073426.89		A	3.3
3	☐	1.000		4142953.97		A	2.4
4	☐	1.000		4162946.43		A	0.9
5	☐	1.000		4092618.86		A	0.9
6	☐	1.000		4089164.66		A	0.7
7	☐	1.000		4232498.17		A	0.5
8	☐	1.000		4016244.90		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4390442.64		A	3.8
2	☐	1.000		4137626.57		A	2.3
3	☐	1.000		4368891.50		A	2.4
4	☐	1.000		4600664.51		A	1.0
5	☐	1.000		4517241.56		A	4.8
6	☐	1.000		4574898.23		A	1.7
7	☐	1.000		4648874.48		A	0.8
8	☐	1.000		4202729.73		A	2.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2750291.64		A	3.9
2	☐	1.000		2715933.50		A	1.2
3	☐	1.000		2715828.38		A	1.9
4	☐	1.000		2728261.11		A	0.3
5	☐	1.000		2736014.64		A	1.7
6	☐	1.000		2664414.51		A	2.4
7	☐	1.000		2710246.62		A	0.6
8	☐	1.000		2437951.22		A	2.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8120321MS.b
Acq. Date-Time 2021-12-03 10:16:54
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		8851	88509.25			1.403	5.000
24		102883	1028832.70			0.461	5.000
25		14073	140726.48			0.443	5.000
26		16202	162015.55			1.089	5.000
59		24638	246376.86			1.289	5.000
113		9784	97842.47			0.650	5.000
115		32559	325594.94			1.103	5.000
206		10330	103297.22			2.073	5.000
207		8612	86122.38			1.896	5.000
208		21197	211973.41			1.952	5.000
220		1	9.10			26.749	

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

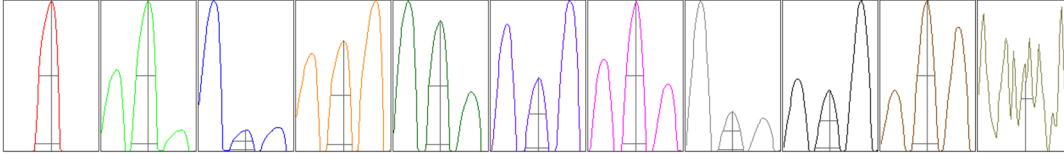
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8692	8743	8931	8965	8924
24	102182	102887	102914	102913	103520
25	13965	14093	14089	14088	14128
26	16028	16073	16125	16402	16380
59	24141	24711	24618	24697	25022
113	9705	9833	9790	9737	9857
115	32892	32923	32589	32126	32267
206	10065	10300	10242	10395	10647
207	8353	8695	8564	8674	8774
208	20514	21421	21113	21389	21550

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	1	1

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	15539.93	9.05	8.90 - 9.10	
24	176713.79	24.00	23.90 - 24.10	
25	24240.88	25.00	24.90 - 25.10	
26	27310.06	26.05	25.90 - 26.10	
59	44556.22	59.00	58.90 - 59.10	
113	19011.40	113.05	112.90 - 113.10	
115	63772.30	115.05	114.90 - 115.10	
206	19442.99	206.00	205.90 - 206.10	
207	16285.08	207.00	206.90 - 207.10	
208	40482.03	208.00	207.90 - 208.10	
220	0.90	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.781	0.900	
24	0.61	0.821	0.900	
25	0.62	0.787	0.900	
26	0.63	0.786	0.900	
59	0.59	0.740	0.900	
113	0.54	0.734	0.900	
115	0.54	0.762	0.900	
206	0.55	0.788	0.900	
207	0.55	0.785	0.900	
208	0.54	0.813	0.900	
220	0.38			

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	8.8 V	Deflect	15.4 V
Extract 2	-180.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 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	190 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		5616	56160.23			0.789	
89		19626	196255.91			0.794	
205		24313	243134.58			1.299	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5650	5568	5653	5642	5567
89	19597	19380	19660	19802	19689
205	24073	23882	24500	24523	24589

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	8.8 V	Deflect	4.6 V

US EPA Tune Check Report

Extract 2	-180.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 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 :	LB117645	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:19:52	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				93		%
Bismuth	209-2				92		%
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				95		%
Holmium	165-2				93		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:19:52	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				95		%
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				95		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				94		%
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				93		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:19:52	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				95		%
Yttrium	89-2				93		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:55:26	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.46	0.43	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.07	-0.03	0.00	N/A	ppb
Boron	11-1	0.02	-0.03	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.77	0.38	0.39	0.00	N/A	ppb
Cadmium	108-1	-0.11	0.07	0.04	0.00	N/A	ppb
Calcium	43-1	0.09	-0.27	0.19	0.00	N/A	ppb
Calcium	44-1	0.28	-0.53	0.25	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.03	0.00	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.75	1.09	-0.33	0.00	N/A	ppb
Iron	56-2	-0.11	0.19	-0.09	0.00	N/A	ppb
Iron	57-2	-1.11	1.83	-0.72	0.00	N/A	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:55:26	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.02	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.09	0.10	-0.19	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.01	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	10.08	-7.13	10.12	4.36	228.20	ppb
Potassium	39-2	-4.18	8.75	-4.57	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	0.96	-0.27	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.31	0.45	0.86	0.00	N/A	ppb
Silicon	28-1	1.19	-0.64	-0.55	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.37	1.19	0.18	0.00	N/A	ppb
Strontium	86-1	-0.04	0.03	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-301.65	-237.77	-306.96	-282.13		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	-0.02	0.00	0.01	0.00	N/A	ppb
Tin	118-1	-0.08	-0.11	0.19	0.00	N/A	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:55:26	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.00	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	0.02	0.02	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:58:32	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.59	17.92	18.17	17.89	1.65	ppb
Antimony	121-1	1.80	1.97	1.98	1.92	5.24	ppb
Arsenic	75-2	1.01	0.95	0.86	0.94	7.85	ppb
Barium	135-1	9.46	9.94	9.43	9.61	2.96	ppb
Barium	137-1	9.55	10.08	9.33	9.65	3.97	ppb
Beryllium	9-1	1.09	1.08	1.04	1.07	2.30	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	20.90	22.05	22.64	21.86	4.04	ppb
Boron	11-1	19.82	22.50	23.27	21.86	8.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.93	1.07	1.00	1.00	6.83	ppb
Cadmium	106-1	0.60	1.55	1.18	1.11	43.24	ppb
Cadmium	108-1	1.27	1.18	0.81	1.09	22.41	ppb
Calcium	43-1	483.44	500.13	454.45	479.34	4.82	ppb
Calcium	44-1	485.78	513.22	479.21	492.74	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.74	1.77	1.77	1.76	0.92	ppb
Cobalt	59-2	1.02	0.94	0.91	0.96	6.02	ppb
Copper	63-2	1.85	1.94	1.88	1.89	2.39	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				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	48.29	48.56	49.18	48.68	0.94	ppb
Iron	56-2	46.62	48.14	47.43	47.40	1.60	ppb
Iron	57-2	45.92	44.98	48.68	46.53	4.13	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:58:32	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.96	0.91	0.91	0.93	2.75	ppb
Lead	207-1	0.94	1.10	0.89	0.97	11.00	ppb
Lead	208-1	0.97	1.00	0.89	0.95	5.89	ppb
Lithium	6-1				96		%
Magnesium	24-2	473.23	471.56	460.16	468.32	1.52	ppb
Manganese	55-2	1.14	1.08	1.10	1.11	2.89	ppb
Molybdenum	94-1	5.91	5.81	5.93	5.88	1.05	ppb
Molybdenum	95-1	5.00	5.05	4.75	4.93	3.24	ppb
Molybdenum	96-1	5.07	4.92	4.84	4.95	2.31	ppb
Molybdenum	97-1	4.87	5.05	4.66	4.86	4.04	ppb
Molybdenum	98-1	4.93	4.92	4.84	4.90	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.92	0.97	0.97	5.56	ppb
Phosphorus	31-2	0.86	-17.56	3.63	-4.36		ppb
Potassium	39-2	474.74	459.06	467.97	467.25	1.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	5.66	4.67	5.27	5.20	9.56	ppb
Selenium	77-2	3.64	4.51	4.61	4.25	12.47	ppb
Selenium	78-2	4.14	4.99	3.19	4.11	22.02	ppb
Silicon	28-1	16.74	22.39	14.02	17.72	24.10	ppb
Silver	107-1	0.98	1.03	0.91	0.97	6.06	ppb
Silver	109-1	0.89	0.98	0.92	0.93	4.66	ppb
Sodium	23-2	471.91	472.39	461.46	468.59	1.32	ppb
Strontium	86-1	1.01	0.94	1.03	0.99	4.57	ppb
Strontium	88-1	0.99	0.99	1.01	1.00	0.84	ppb
Sulfur	34-1	245.06	586.91	14.42	282.13	102.09	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	1.08	1.25	1.07	1.13	9.11	ppb
Thallium	205-1	1.19	1.22	1.10	1.17	5.55	ppb
Tin	118-1	4.94	4.97	4.84	4.92	1.37	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:58:32	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.19	5.17	4.88	5.08	3.45	ppb
Uranium	238-1	0.96	0.90	0.87	0.91	4.66	ppb
Vanadium	51-2	4.63	4.52	4.38	4.51	2.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	2.74	2.62	2.46	2.61	5.51	ppb
Zirconium	90-1	0.96	0.93	0.91	0.93	3.14	ppb
Zirconium	91-1	0.96	0.90	0.86	0.91	5.33	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:04:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1190.46	1197.38	1212.81	1200.22	0.95	ppb
Antimony	121-1	50.88	52.51	55.32	52.90	4.24	ppb
Arsenic	75-2	51.60	49.51	51.17	50.76	2.18	ppb
Barium	135-1	249.01	262.78	268.07	259.95	3.78	ppb
Barium	137-1	251.95	263.69	277.40	264.35	4.82	ppb
Beryllium	9-1	54.65	53.69	53.77	54.04	0.98	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	47.39	49.57	56.93	51.30	9.75	ppb
Boron	11-1	49.52	51.51	54.65	51.89	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	53.00	53.92	57.21	54.71	4.05	ppb
Cadmium	106-1	54.96	54.94	53.83	54.58	1.18	ppb
Cadmium	108-1	53.01	53.92	57.12	54.68	3.95	ppb
Calcium	43-1	5157.64	5351.15	5592.42	5367.07	4.06	ppb
Calcium	44-1	5309.03	5508.40	5645.15	5487.52	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.28	48.34	48.41	48.68	1.08	ppb
Cobalt	59-2	50.13	49.78	50.21	50.04	0.46	ppb
Copper	63-2	501.78	498.07	506.05	501.97	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	2678.65	2706.95	2658.37	2681.32	0.91	ppb
Iron	56-2	2606.64	2584.85	2665.35	2618.95	1.59	ppb
Iron	57-2	2549.83	2571.06	2570.84	2563.91	0.48	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:04:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	246.92	228.98	246.67	240.85	4.27	ppb
Lead	207-1	250.77	240.87	252.20	247.95	2.49	ppb
Lead	208-1	252.37	244.60	258.08	251.68	2.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	5293.79	5230.82	5268.59	5264.40	0.60	ppb
Manganese	55-2	510.33	498.52	497.37	502.07	1.43	ppb
Molybdenum	94-1	519.44	554.15	600.09	557.89	7.25	ppb
Molybdenum	95-1	544.70	531.79	592.42	556.30	5.74	ppb
Molybdenum	96-1	546.85	540.53	590.79	559.39	4.89	ppb
Molybdenum	97-1	526.26	569.93	605.37	567.19	6.99	ppb
Molybdenum	98-1	514.06	557.44	592.54	554.68	7.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.89	51.24	49.52	50.55	1.79	ppb
Phosphorus	31-2	938.69	944.57	969.42	950.89	1.72	ppb
Potassium	39-2	2674.03	2677.27	2677.66	2676.32	0.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	49.71	53.03	53.65	52.13	4.07	ppb
Selenium	77-2	62.87	48.91	59.22	57.00	12.70	ppb
Selenium	78-2	51.66	51.94	50.22	51.27	1.80	ppb
Silicon	28-1	44.98	56.68	63.44	55.03	16.97	ppb
Silver	107-1	52.07	53.94	56.44	54.15	4.06	ppb
Silver	109-1	54.35	55.61	57.04	55.67	2.42	ppb
Sodium	23-2	5314.95	5071.48	5220.48	5202.30	2.36	ppb
Strontium	86-1	481.55	506.17	536.48	508.07	5.42	ppb
Strontium	88-1	482.66	492.80	523.00	499.49	4.20	ppb
Sulfur	34-1	417.20	930.42	1411.03	919.55	54.05	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	49.63	48.57	51.44	49.88	2.91	ppb
Thallium	205-1	48.93	50.25	52.47	50.55	3.54	ppb
Tin	118-1	53.20	54.02	57.12	54.78	3.77	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:04:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	559.23	581.83	607.50	582.85	4.14	ppb
Uranium	238-1	49.22	46.54	50.09	48.62	3.80	ppb
Vanadium	51-2	48.97	49.11	48.30	48.79	0.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	506.76	503.64	508.81	506.40	0.51	ppb
Zirconium	90-1	48.34	51.79	53.16	51.10	4.86	ppb
Zirconium	91-1	46.90	50.53	51.97	49.80	5.24	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:07:44 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2512.11	2503.10	2515.79	2510.33	0.26	ppb
Antimony	121-1	128.51	131.84	128.55	129.64	1.47	ppb
Arsenic	75-2	122.54	125.35	128.56	125.48	2.40	ppb
Barium	135-1	636.57	657.54	646.70	646.94	1.62	ppb
Barium	137-1	674.67	634.36	669.01	659.35	3.31	ppb
Beryllium	9-1	127.80	131.62	128.70	129.38	1.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	113.31	127.71	133.63	124.88	8.37	ppb
Boron	11-1	114.30	126.34	130.57	123.74	6.83	ppb
Bromine	81-1						cps
Cadmium	111-1	133.95	131.96	135.09	133.67	1.19	ppb
Cadmium	106-1	137.18	135.03	134.51	135.57	1.04	ppb
Cadmium	108-1	131.71	133.63	133.43	132.92	0.80	ppb
Calcium	43-1	12809.49	13318.15	13540.12	13222.59	2.83	ppb
Calcium	44-1	12783.26	13502.60	13260.37	13182.07	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.54	119.72	120.59	120.62	0.76	ppb
Cobalt	59-2	123.61	122.84	123.51	123.32	0.34	ppb
Copper	63-2	1203.42	1250.77	1230.53	1228.24	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				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	6777.21	6646.09	6632.48	6685.26	1.20	ppb
Iron	56-2	6745.10	6377.57	6591.71	6571.46	2.81	ppb
Iron	57-2	6582.95	6366.93	6413.94	6454.61	1.76	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:07:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	600.11	606.81	602.30	603.07	0.57	ppb
Lead	207-1	628.95	631.09	629.50	629.85	0.18	ppb
Lead	208-1	608.12	623.69	621.33	617.72	1.36	ppb
Lithium	6-1				106		%
Magnesium	24-2	13161.04	13001.52	13398.38	13186.98	1.51	ppb
Manganese	55-2	1243.63	1242.32	1250.35	1245.43	0.35	ppb
Molybdenum	94-1	1391.00	1436.54	1304.24	1377.26	4.88	ppb
Molybdenum	95-1	1364.68	1428.64	1265.54	1352.96	6.07	ppb
Molybdenum	96-1	1344.85	1411.04	1265.22	1340.37	5.45	ppb
Molybdenum	97-1	1430.21	1421.11	1291.32	1380.88	5.63	ppb
Molybdenum	98-1	1369.60	1410.15	1267.45	1349.07	5.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.23	126.55	126.37	126.39	0.13	ppb
Phosphorus	31-2	2553.39	2302.55	2460.90	2438.94	5.20	ppb
Potassium	39-2	6539.07	6569.17	6677.53	6595.26	1.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	125.90	134.60	125.09	128.53	4.10	ppb
Selenium	77-2	139.81	123.76	113.34	125.64	10.61	ppb
Selenium	78-2	122.93	126.55	133.55	127.68	4.23	ppb
Silicon	28-1	119.99	143.97	142.09	135.35	9.85	ppb
Silver	107-1	128.59	135.47	134.60	132.89	2.82	ppb
Silver	109-1	131.25	132.28	134.30	132.61	1.17	ppb
Sodium	23-2	12881.48	12918.26	13106.67	12968.81	0.93	ppb
Strontium	86-1	1229.42	1318.42	1207.30	1251.71	4.70	ppb
Strontium	88-1	1202.52	1273.60	1198.92	1225.01	3.44	ppb
Sulfur	34-1	1994.71	3006.53	2946.11	2649.12	21.42	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	120.26	117.68	117.47	118.47	1.31	ppb
Thallium	205-1	116.44	117.79	118.95	117.73	1.07	ppb
Tin	118-1	128.97	130.77	131.60	130.44	1.03	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:07:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1391.46	1426.58	1381.55	1399.86	1.69	ppb
Uranium	238-1	122.09	116.06	116.04	118.06	2.96	ppb
Vanadium	51-2	122.74	122.06	121.72	122.17	0.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	1280.82	1262.76	1256.74	1266.77	0.99	ppb
Zirconium	90-1	119.96	132.33	122.42	124.90	5.24	ppb
Zirconium	91-1	120.81	130.01	121.17	124.00	4.20	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:10:49 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5032.46	4989.33	4980.68	5000.82	0.55	ppb
Antimony	121-1	244.22	249.89	268.65	254.26	5.03	ppb
Arsenic	75-2	249.46	249.09	250.92	249.82	0.39	ppb
Barium	135-1	1241.93	1250.14	1365.93	1286.00	5.39	ppb
Barium	137-1	1199.41	1289.95	1371.81	1287.06	6.70	ppb
Beryllium	9-1	244.04	259.96	279.68	261.23	6.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	220.81	253.26	286.29	253.45	12.92	ppb
Boron	11-1	220.73	256.92	288.45	255.37	13.27	ppb
Bromine	81-1						cps
Cadmium	111-1	247.06	251.52	280.72	259.77	7.04	ppb
Cadmium	106-1	242.95	249.15	291.72	261.27	10.16	ppb
Cadmium	108-1	246.36	253.75	269.59	256.56	4.63	ppb
Calcium	43-1	25655.84	25385.11	28620.13	26553.69	6.76	ppb
Calcium	44-1	25740.62	25022.71	28912.29	26558.54	7.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	244.43	242.72	243.54	243.56	0.35	ppb
Cobalt	59-2	245.26	246.30	249.57	247.04	0.91	ppb
Copper	63-2	2473.63	2458.89	2466.74	2466.42	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	12945.15	13094.31	13031.26	13023.58	0.57	ppb
Iron	56-2	13241.62	13061.36	12928.86	13077.28	1.20	ppb
Iron	57-2	12872.18	12934.53	12743.24	12849.98	0.76	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:10:49	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1223.31	1210.65	1333.47	1255.81	5.38	ppb
Lead	207-1	1211.36	1231.65	1332.52	1258.51	5.16	ppb
Lead	208-1	1209.72	1228.12	1327.60	1255.14	5.05	ppb
Lithium	6-1				106		%
Magnesium	24-2	25346.80	25939.43	26168.41	25818.22	1.64	ppb
Manganese	55-2	2497.43	2460.73	2521.46	2493.21	1.23	ppb
Molybdenum	94-1	2608.20	2688.58	3024.89	2773.89	7.97	ppb
Molybdenum	95-1	2605.31	2668.38	3000.23	2757.98	7.69	ppb
Molybdenum	96-1	2636.76	2657.73	3004.16	2766.22	7.46	ppb
Molybdenum	97-1	2689.29	2694.14	2992.70	2792.05	6.22	ppb
Molybdenum	98-1	2681.04	2655.77	3042.37	2793.06	7.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	249.02	249.73	248.93	249.23	0.18	ppb
Phosphorus	31-2	5027.07	4704.99	5141.16	4957.74	4.56	ppb
Potassium	39-2	13121.36	13028.84	12778.13	12976.11	1.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	247.87	251.57	285.07	261.50	7.84	ppb
Selenium	77-2	238.42	239.83	244.35	240.86	1.29	ppb
Selenium	78-2	254.13	251.19	256.27	253.86	1.00	ppb
Silicon	28-1	239.45	241.97	292.28	257.90	11.56	ppb
Silver	107-1	246.15	257.97	288.41	264.18	8.25	ppb
Silver	109-1	253.36	252.48	274.74	260.19	4.84	ppb
Sodium	23-2	25590.55	26053.17	25709.79	25784.50	0.93	ppb
Strontium	86-1	2435.02	2447.94	2834.89	2572.62	8.83	ppb
Strontium	88-1	2411.37	2430.89	2724.28	2522.18	6.95	ppb
Sulfur	34-1	5161.29	4822.18	7165.26	5716.24	22.15	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	247.65	231.75	271.52	250.31	8.00	ppb
Thallium	205-1	248.48	240.85	267.51	252.28	5.44	ppb
Tin	118-1	243.61	250.64	265.43	253.23	4.40	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:10:49	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2720.50	2631.11	3019.39	2790.33	7.29	ppb
Uranium	238-1	249.12	243.10	264.35	252.19	4.34	ppb
Vanadium	51-2	241.30	242.19	240.75	241.41	0.30	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	2516.28	2494.38	2521.19	2510.62	0.57	ppb
Zirconium	90-1	249.33	243.58	270.35	254.42	5.54	ppb
Zirconium	91-1	240.44	248.60	273.04	254.03	6.68	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:13:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10198.76	10204.37	10187.88	10197.00	0.08	ppb
Antimony	121-1	513.38	515.27	514.34	514.33	0.18	ppb
Arsenic	75-2	503.21	503.26	508.20	504.89	0.57	ppb
Barium	135-1	2515.69	2619.96	2556.87	2564.17	2.05	ppb
Barium	137-1	2598.69	2597.88	2641.37	2612.65	0.95	ppb
Beryllium	9-1	504.46	508.64	515.23	509.44	1.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	474.08	497.45	525.48	499.00	5.16	ppb
Boron	11-1	477.07	501.85	527.38	502.10	5.01	ppb
Bromine	81-1						cps
Cadmium	111-1	517.45	526.88	531.91	525.41	1.40	ppb
Cadmium	106-1	502.03	519.34	536.09	519.15	3.28	ppb
Cadmium	108-1	510.14	527.09	523.18	520.14	1.71	ppb
Calcium	43-1	56081.20	56984.13	54420.23	55828.52	2.33	ppb
Calcium	44-1	54146.38	54190.64	53329.30	53888.77	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.34	493.93	492.20	493.82	0.32	ppb
Cobalt	59-2	502.64	510.45	517.27	510.12	1.43	ppb
Copper	63-2	5011.10	4992.98	4940.90	4981.66	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	27041.16	27391.48	26826.37	27086.33	1.05	ppb
Iron	56-2	26341.93	27264.81	26285.16	26630.63	2.07	ppb
Iron	57-2	26141.38	26349.61	26026.31	26172.43	0.63	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:13:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2459.37	2478.09	2543.40	2493.62	1.77	ppb
Lead	207-1	2452.73	2471.36	2503.94	2476.01	1.05	ppb
Lead	208-1	2485.46	2483.11	2497.08	2488.55	0.30	ppb
Lithium	6-1				107		%
Magnesium	24-2	53043.81	51586.75	51654.93	52095.16	1.58	ppb
Manganese	55-2	4933.56	5209.36	5067.37	5070.10	2.72	ppb
Molybdenum	94-1	5519.19	5348.55	5219.69	5362.48	2.80	ppb
Molybdenum	95-1	5541.78	5516.39	5173.04	5410.40	3.81	ppb
Molybdenum	96-1	5507.55	5561.18	5302.67	5457.13	2.50	ppb
Molybdenum	97-1	5561.10	5419.69	5342.42	5441.07	2.04	ppb
Molybdenum	98-1	5629.03	5458.21	5285.30	5457.51	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.78	507.83	500.28	506.29	1.07	ppb
Phosphorus	31-2	9954.31	10166.67	9944.74	10021.91	1.25	ppb
Potassium	39-2	26248.54	25841.77	26130.29	26073.53	0.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	514.32	509.08	498.80	507.40	1.56	ppb
Selenium	77-2	529.53	499.52	529.58	519.54	3.34	ppb
Selenium	78-2	504.35	494.24	518.00	505.53	2.36	ppb
Silicon	28-1	521.25	568.15	568.64	552.68	4.93	ppb
Silver	107-1	504.95	507.40	539.30	517.22	3.71	ppb
Silver	109-1	527.39	538.55	516.83	527.59	2.06	ppb
Sodium	23-2	52976.91	51958.35	51338.55	52091.27	1.59	ppb
Strontium	86-1	5021.64	4853.73	4961.57	4945.64	1.72	ppb
Strontium	88-1	4939.57	4892.14	4943.19	4924.97	0.58	ppb
Sulfur	34-1	12390.72	13044.06	12266.52	12567.10	3.32	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	492.36	525.02	498.46	505.28	3.44	ppb
Thallium	205-1	483.43	511.92	502.63	499.33	2.91	ppb
Tin	118-1	506.32	517.39	528.39	517.37	2.13	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:13:53	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5573.61	5618.88	5467.20	5553.23	1.40	ppb
Uranium	238-1	494.32	505.18	481.86	493.79	2.36	ppb
Vanadium	51-2	497.45	502.49	495.94	498.63	0.69	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	4921.25	5118.35	5018.43	5019.34	1.96	ppb
Zirconium	90-1	498.17	507.97	491.75	499.30	1.64	ppb
Zirconium	91-1	509.46	499.09	493.76	500.77	1.59	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:16:58	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20675.38	20373.49	20505.31	20518.06	0.74	ppb
Antimony	121-1	1012.95	968.55	991.65	991.05	2.24	ppb
Arsenic	75-2	1006.18	1011.98	974.35	997.50	2.03	ppb
Barium	135-1	5158.35	4890.58	4818.10	4955.67	3.62	ppb
Barium	137-1	5080.22	4917.14	4790.84	4929.40	2.94	ppb
Beryllium	9-1	1020.39	992.04	962.74	991.72	2.91	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	993.69	1000.15	1005.15	999.66	0.58	ppb
Boron	11-1	962.71	1023.73	1006.80	997.75	3.16	ppb
Bromine	81-1						cps
Cadmium	111-1	1005.31	983.64	961.65	983.53	2.22	ppb
Cadmium	106-1	1002.57	994.91	960.68	986.05	2.26	ppb
Cadmium	108-1	1019.52	984.74	956.95	987.07	3.18	ppb
Calcium	43-1	108487.64	111369.31	109859.93	109905.63	1.31	ppb
Calcium	44-1	105568.95	104937.73	106840.71	105782.46	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	996.18	1005.04	1014.72	1005.31	0.92	ppb
Cobalt	59-2	992.23	996.18	999.26	995.89	0.35	ppb
Copper	63-2	10277.67	9868.25	9914.63	10020.18	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				108		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	54-2	52887.54	53288.29	53416.63	53197.49	0.52	ppb
Iron	56-2	52975.62	52456.20	53000.61	52810.81	0.58	ppb
Iron	57-2	53294.21	53329.75	52507.22	53043.73	0.88	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:16:58	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4955.75	5074.43	4984.63	5004.94	1.24	ppb
Lead	207-1	4934.22	5106.01	4987.86	5009.36	1.75	ppb
Lead	208-1	4931.84	5071.89	5012.06	5005.27	1.40	ppb
Lithium	6-1				110		%
Magnesium	24-2	105824.94	102628.11	105143.21	104532.09	1.61	ppb
Manganese	55-2	10009.46	9967.21	9924.68	9967.12	0.43	ppb
Molybdenum	94-1	10669.70	11056.13	11460.50	11062.11	3.57	ppb
Molybdenum	95-1	10757.51	11020.38	11357.84	11045.25	2.72	ppb
Molybdenum	96-1	10803.32	10907.40	11352.99	11021.24	2.65	ppb
Molybdenum	97-1	10726.39	10980.41	11345.29	11017.36	2.82	ppb
Molybdenum	98-1	10700.19	11161.77	11178.50	11013.49	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.16	990.81	998.56	996.85	0.54	ppb
Phosphorus	31-2	20443.57	20031.02	19554.51	20009.70	2.22	ppb
Potassium	39-2	51924.24	51731.30	51534.05	51729.86	0.38	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	972.96	992.34	1013.33	992.88	2.03	ppb
Selenium	77-2	966.89	1040.78	968.60	992.09	4.25	ppb
Selenium	78-2	1011.26	1015.77	960.60	995.88	3.08	ppb
Silicon	28-1	922.20	996.72	991.27	970.06	4.28	ppb
Silver	107-1	1009.23	989.17	961.56	986.65	2.43	ppb
Silver	109-1	1022.97	969.28	955.01	982.42	3.65	ppb
Sodium	23-2	105177.94	104574.71	104289.37	104680.67	0.43	ppb
Strontium	86-1	9715.21	10108.77	10201.24	10008.41	2.58	ppb
Strontium	88-1	9894.35	10039.10	10171.91	10035.12	1.38	ppb
Sulfur	34-1	18105.40	19278.78	18184.14	18522.77	3.54	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	984.08	1005.14	1005.10	998.10	1.22	ppb
Thallium	205-1	986.64	1009.62	1005.69	1000.65	1.23	ppb
Tin	118-1	994.52	988.34	985.91	989.59	0.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:16:58	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10732.31	11144.33	10999.02	10958.55	1.91	ppb
Uranium	238-1	986.39	1017.09	1007.01	1003.50	1.56	ppb
Vanadium	51-2	1005.97	994.09	1009.69	1003.25	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	10146.36	9863.88	9945.53	9985.26	1.46	ppb
Zirconium	90-1	976.52	1008.87	1012.22	999.20	1.97	ppb
Zirconium	91-1	959.55	1010.35	1026.34	998.74	3.49	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P8
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:20:02 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102227.34	100244.00	97151.82	99874.39	2.56	ppb
Antimony	121-1	1.23	1.08	0.91	1.07	15.18	ppb
Arsenic	75-2	0.39	0.38	0.46	0.41	10.57	ppb
Barium	135-1	3.98	2.15	1.22	2.45	57.25	ppb
Barium	137-1	3.93	2.10	1.53	2.52	49.84	ppb
Beryllium	9-1	0.64	0.37	0.17	0.39	60.47	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	147.26	136.87	132.97	139.03	5.31	ppb
Boron	11-1	150.44	138.84	133.47	140.92	6.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.51	0.27	0.14	0.31	60.77	ppb
Cadmium	106-1	0.42	-0.30	-2.25	-0.71		ppb
Cadmium	108-1	1.74	0.90	0.32	0.99	72.01	ppb
Calcium	43-1	484763.18	506522.31	500724.38	497336.62	2.27	ppb
Calcium	44-1	480598.69	509685.43	504780.23	498354.78	3.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.56	1.54	1.66	1.58	4.19	ppb
Cobalt	59-2	1.41	1.40	1.41	1.41	0.23	ppb
Copper	63-2	2.51	2.69	2.88	2.69	6.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	54-2	254201.96	246716.91	246420.11	249113.00	1.77	ppb
Iron	56-2	254457.94	246294.64	246957.47	249236.69	1.82	ppb
Iron	57-2	255604.28	246483.44	245664.56	249250.76	2.21	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:20:02	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.32	3.04	2.29	3.22	31.86	ppb
Lead	207-1	4.67	3.18	2.37	3.41	34.16	ppb
Lead	208-1	4.62	3.06	2.33	3.34	34.97	ppb
Lithium	6-1				103		%
Magnesium	24-2	504829.11	502326.28	489314.72	498823.37	1.67	ppb
Manganese	55-2	6.04	5.65	5.91	5.87	3.34	ppb
Molybdenum	94-1	7.65	4.11	2.16	4.64	59.92	ppb
Molybdenum	95-1	6.72	3.51	1.49	3.91	67.62	ppb
Molybdenum	96-1	9.20	5.85	3.54	6.20	45.97	ppb
Molybdenum	97-1	7.39	3.74	1.45	4.19	71.56	ppb
Molybdenum	98-1	7.41	3.41	1.42	4.08	74.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.26	1.39	1.32	5.13	ppb
Phosphorus	31-2	26.39	-15.91	3.13	4.54	466.97	ppb
Potassium	39-2	250936.64	250880.36	246720.62	249512.54	0.97	ppb
Rhodium	103-1				90		%
Rhodium	103-2				85		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	82-1	2.36	1.83	2.50	2.23	15.70	ppb
Selenium	77-2	0.00	2.01	2.95	1.65	91.22	ppb
Selenium	78-2	-0.53	-1.65	0.46	-0.57		ppb
Silicon	28-1	121.56	127.07	134.51	127.72	5.09	ppb
Silver	107-1	0.30	0.28	0.24	0.27	10.68	ppb
Silver	109-1	0.38	0.29	0.23	0.30	25.12	ppb
Sodium	23-2	513221.62	494097.32	489086.47	498801.80	2.55	ppb
Strontium	86-1	10.19	7.64	5.83	7.88	27.82	ppb
Strontium	88-1	10.60	7.52	6.10	8.08	28.51	ppb
Sulfur	34-1	-1085.25	-1256.89	-878.33	-1073.49		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.55	0.29	0.12	0.32	67.85	ppb
Thallium	205-1	0.60	0.27	0.10	0.32	78.67	ppb
Tin	118-1	0.52	0.23	0.11	0.29	72.36	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:20:02	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.23	2.31	0.80	2.78	80.93	ppb
Uranium	238-1	0.51	0.24	0.08	0.28	78.92	ppb
Vanadium	51-2	0.25	0.30	0.30	0.28	9.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	13.43	13.77	14.34	13.85	3.34	ppb
Zirconium	90-1	0.89	0.59	0.40	0.63	39.76	ppb
Zirconium	91-1	0.76	0.51	0.43	0.57	30.41	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICV078	Instrumnet Name :	P8
Client Sample ID :	ICV078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:36:02	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	517.73	516.30	503.90	512.65	1.48	ppb
Antimony	121-1	205.28	202.34	207.03	204.89	1.16	ppb
Arsenic	75-2	208.59	204.20	204.94	205.91	1.14	ppb
Barium	135-1	102.21	100.81	100.69	101.24	0.84	ppb
Barium	137-1	98.37	102.86	105.35	102.19	3.47	ppb
Beryllium	9-1	99.28	100.19	107.94	102.47	4.65	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	16.65	16.62	18.79	17.35	7.18	ppb
Boron	11-1	17.17	17.47	17.62	17.42	1.30	ppb
Bromine	81-1						cps
Cadmium	111-1	105.85	106.10	106.43	106.13	0.27	ppb
Cadmium	106-1	83.98	85.12	82.23	83.78	1.74	ppb
Cadmium	108-1	90.05	95.90	92.57	92.84	3.17	ppb
Calcium	43-1	1954.43	2012.43	1996.10	1987.65	1.50	ppb
Calcium	44-1	1945.28	2029.23	2049.34	2007.95	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.83	99.57	97.19	99.20	1.86	ppb
Cobalt	59-2	101.68	101.05	100.42	101.05	0.62	ppb
Copper	63-2	100.06	99.64	97.08	98.93	1.63	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				102		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	2118.79	2075.84	2084.28	2092.97	1.09	ppb
Iron	56-2	2127.65	2123.40	2078.86	2109.97	1.28	ppb
Iron	57-2	2056.32	2017.23	2013.31	2028.95	1.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICV078	Instrumnet Name :	P8
Client Sample ID :	ICV078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:36:02	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	209.08	213.05	203.98	208.70	2.18	ppb
Lead	207-1	202.02	209.37	203.37	204.92	1.91	ppb
Lead	208-1	205.65	217.01	206.63	209.76	3.00	ppb
Lithium	6-1				105		%
Magnesium	24-2	1201.55	1219.02	1154.14	1191.57	2.82	ppb
Manganese	55-2	102.35	100.75	98.32	100.48	2.02	ppb
Molybdenum	94-1	0.74	0.69	0.67	0.70	5.06	ppb
Molybdenum	95-1	0.12	0.11	0.07	0.10	27.92	ppb
Molybdenum	96-1	0.21	0.21	0.17	0.20	11.72	ppb
Molybdenum	97-1	0.14	0.09	0.09	0.11	29.62	ppb
Molybdenum	98-1	0.13	0.10	0.10	0.11	17.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.91	108.32	106.38	107.54	0.95	ppb
Phosphorus	31-2	-15.47	-9.57	-6.65	-10.56		ppb
Potassium	39-2	2056.51	2064.37	2021.42	2047.44	1.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	210.09	215.19	213.51	212.93	1.22	ppb
Selenium	77-2	220.39	224.01	195.92	213.44	7.16	ppb
Selenium	78-2	219.33	212.17	209.81	213.77	2.32	ppb
Silicon	28-1	-3.22	-0.73	1.49	-0.82		ppb
Silver	107-1	51.62	49.78	51.68	51.03	2.12	ppb
Silver	109-1	50.93	49.56	53.12	51.20	3.51	ppb
Sodium	23-2	2081.75	2082.79	2042.23	2068.93	1.12	ppb
Strontium	86-1	0.37	0.33	0.30	0.33	10.08	ppb
Strontium	88-1	0.32	0.32	0.33	0.32	1.04	ppb
Sulfur	34-1	-1153.47	-867.39	-701.90	-907.59		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	219.91	222.87	218.57	220.45	1.00	ppb
Thallium	205-1	221.47	235.51	226.09	227.69	3.14	ppb
Tin	118-1	0.07	0.08	0.12	0.09	28.12	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICV078	Instrumnet Name :	P8
Client Sample ID :	ICV078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:36:02	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.06	0.06	0.07	25.08	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	23.22	ppb
Vanadium	51-2	98.23	96.71	95.85	96.93	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	208.60	205.47	211.02	208.36	1.34	ppb
Zirconium	90-1	0.35	0.34	0.35	0.35	1.51	ppb
Zirconium	91-1	0.39	0.32	0.34	0.35	10.04	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : ICB078 Instrumnet Name : P8
 Client Sample ID : ICB078 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:41:47 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.26	0.22	0.13	140.20	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	19.15	ppb
Arsenic	75-2	-0.02	0.00	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.01	0.00	24155.48	ppb
Barium	137-1	0.02	0.00	0.02	0.01	122.26	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	25.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	14.48	15.08	14.43	14.66	2.46	ppb
Boron	11-1	14.55	14.58	14.87	14.67	1.22	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-2.83	-1.22	-2.45	-2.17		ppb
Cadmium	108-1	0.05	0.00	0.04	0.03	91.39	ppb
Calcium	43-1	-1.82	-0.01	0.41	-0.47		ppb
Calcium	44-1	1.06	0.59	1.40	1.01	40.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	0.01	-0.02	-0.03		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.01	0.05	0.02	0.02	85.62	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				99		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	-1.18	0.36	0.51	-0.10		ppb
Iron	56-2	0.24	0.17	0.17	0.19	19.26	ppb
Iron	57-2	0.11	-0.42	-0.68	-0.33		ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : ICB078 Instrumnet Name : P8
 Client Sample ID : ICB078 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:41:47 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.07	0.05	33.74	ppb
Lead	207-1	0.04	0.03	0.04	0.04	11.95	ppb
Lead	208-1	0.05	0.05	0.07	0.05	20.13	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.47	1.08	-0.64	0.30	288.61	ppb
Manganese	55-2	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	-0.04	0.00	0.04	0.00	1687.47	ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.01	184.07	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	4.89	ppb
Molybdenum	97-1	0.03	0.03	0.01	0.02	57.31	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	9.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.04	0.01	0.01	516.99	ppb
Phosphorus	31-2	-5.89	1.02	-0.15	-1.68		ppb
Potassium	39-2	8.01	18.46	8.11	11.52	52.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.24	-0.91	0.83	0.05	1607.56	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.74	-0.65	-0.93	-0.77		ppb
Silicon	28-1	-0.08	-0.13	0.35	0.05	564.23	ppb
Silver	107-1	0.01	0.01	0.00	0.01	33.88	ppb
Silver	109-1	0.01	0.01	0.01	0.01	53.93	ppb
Sodium	23-2	7.83	6.83	3.59	6.08	36.44	ppb
Strontium	86-1	0.01	-0.10	0.04	-0.01		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	-205.04	-561.12	-550.10	-438.75		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.09	-0.10	-0.13	-0.11		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICB078	Instrumnet Name :	P8
Client Sample ID :	ICB078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:41:47	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	-0.10	0.03	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.06	0.11	0.01	0.06	80.65	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	1692.79	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSA078	Instrumnet Name :	P8
Client Sample ID :	ICSA078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:44:49	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92592.73	93856.37	92356.19	92935.10	0.87	ppb
Antimony	121-1	1.28	1.25	1.12	1.22	7.17	ppb
Arsenic	75-2	0.35	0.32	0.11	0.26	51.51	ppb
Barium	135-1	1.43	1.46	1.33	1.41	4.90	ppb
Barium	137-1	1.52	1.51	1.42	1.48	3.87	ppb
Beryllium	9-1	0.33	0.31	0.35	0.33	5.30	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	15.73	15.98	15.62	15.78	1.17	ppb
Boron	11-1	16.34	15.46	16.03	15.94	2.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.28	0.30	0.30	0.29	5.09	ppb
Cadmium	106-1	-4.42	-1.57	-1.74	-2.57		ppb
Cadmium	108-1	10.59	10.17	9.88	10.21	3.50	ppb
Calcium	43-1	99457.37	101396.96	102213.43	101022.59	1.40	ppb
Calcium	44-1	101565.77	99315.23	102385.96	101088.98	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.89	18.72	18.69	18.77	0.56	ppb
Cobalt	59-2	1.16	1.10	1.09	1.11	3.33	ppb
Copper	63-2	7.17	7.11	6.89	7.05	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				107		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	102304.98	99670.35	99822.58	100599.30	1.47	ppb
Iron	56-2	100239.80	101092.20	98519.06	99950.35	1.31	ppb
Iron	57-2	99648.19	100429.84	100557.66	100211.90	0.49	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSA078	Instrumnet Name :	P8
Client Sample ID :	ICSA078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:44:49	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.39	4.26	4.35	4.33	1.64	ppb
Lead	207-1	4.06	3.98	4.10	4.05	1.54	ppb
Lead	208-1	4.22	4.17	4.21	4.20	0.59	ppb
Lithium	6-1				105		%
Magnesium	24-2	95516.72	97586.50	95192.71	96098.64	1.35	ppb
Manganese	55-2	7.78	7.40	7.42	7.53	2.87	ppb
Molybdenum	94-1	1647.68	1550.21	1618.52	1605.47	3.12	ppb
Molybdenum	95-1	1979.80	1840.53	1927.18	1915.83	3.67	ppb
Molybdenum	96-1	1899.80	1797.58	1910.41	1869.26	3.33	ppb
Molybdenum	97-1	1972.84	1844.36	1977.59	1931.60	3.91	ppb
Molybdenum	98-1	1949.35	1850.18	1953.37	1917.63	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.03	5.09	4.92	5.01	1.72	ppb
Phosphorus	31-2	96547.76	95410.39	94391.29	95449.81	1.13	ppb
Potassium	39-2	97449.24	95237.24	96833.23	96506.57	1.18	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	1.19	0.86	0.92	0.99	17.47	ppb
Selenium	77-2	0.00	0.97	0.00	0.32	173.21	ppb
Selenium	78-2	-0.79	-0.93	-0.56	-0.76		ppb
Silicon	28-1	22.61	26.37	26.29	25.09	8.57	ppb
Silver	107-1	0.05	0.05	0.05	0.05	7.73	ppb
Silver	109-1	0.07	0.04	0.05	0.05	28.66	ppb
Sodium	23-2	100151.69	100533.49	99895.90	100193.69	0.32	ppb
Strontium	86-1	34.06	33.57	33.04	33.56	1.52	ppb
Strontium	88-1	33.38	33.42	33.72	33.51	0.55	ppb
Sulfur	34-1	88721.93	90683.42	87978.33	89127.89	1.57	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.06	0.05	0.05	21.87	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	16.97	ppb
Tin	118-1	0.02	-0.01	0.02	0.01	127.76	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSA078	Instrumnet Name :	P8
Client Sample ID :	ICSA078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:44:49	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2040.99	1959.57	1956.22	1985.59	2.42	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.98	ppb
Vanadium	51-2	0.12	0.12	0.15	0.13	10.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	11.53	9.99	10.83	10.78	7.15	ppb
Zirconium	90-1	0.04	0.02	0.01	0.02	65.20	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	166.19	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSAB078	Instrumnet Name :	P8
Client Sample ID :	ICSAB078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:47:45	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92642.88	90401.93	93322.68	92122.49	1.66	ppb
Antimony	121-1	20.64	19.18	20.30	20.04	3.81	ppb
Arsenic	75-2	19.75	19.61	18.93	19.43	2.25	ppb
Barium	135-1	20.37	19.77	19.96	20.04	1.53	ppb
Barium	137-1	21.17	19.81	20.13	20.37	3.49	ppb
Beryllium	9-1	18.88	19.64	19.36	19.29	2.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	72.62	79.14	75.87	75.88	4.30	ppb
Boron	11-1	72.08	76.46	76.20	74.91	3.28	ppb
Bromine	81-1						cps
Cadmium	111-1	19.61	18.09	19.09	18.93	4.10	ppb
Cadmium	106-1	21.97	20.08	22.30	21.45	5.57	ppb
Cadmium	108-1	27.62	29.74	29.90	29.08	4.37	ppb
Calcium	43-1	97045.05	95148.53	100617.04	97603.54	2.84	ppb
Calcium	44-1	97029.80	94865.76	99582.91	97159.49	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.30	37.36	37.83	37.50	0.77	ppb
Cobalt	59-2	19.79	20.04	20.24	20.02	1.13	ppb
Copper	63-2	24.56	25.23	25.51	25.10	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				111		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	100239.50	96206.92	98542.35	98329.59	2.06	ppb
Iron	56-2	100611.54	100622.49	99362.55	100198.86	0.72	ppb
Iron	57-2	97693.24	99340.96	101254.18	99429.46	1.79	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSAB078	Instrumnet Name :	P8
Client Sample ID :	ICSAB078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:47:45	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.14	22.63	22.94	22.90	1.11	ppb
Lead	207-1	23.40	21.48	22.50	22.46	4.27	ppb
Lead	208-1	22.78	22.02	22.57	22.45	1.75	ppb
Lithium	6-1				113		%
Magnesium	24-2	95562.10	92969.98	96897.86	95143.31	2.10	ppb
Manganese	55-2	25.81	26.40	25.80	26.00	1.32	ppb
Molybdenum	94-1	1598.67	1666.87	1676.03	1647.19	2.57	ppb
Molybdenum	95-1	1850.45	1905.29	1871.88	1875.87	1.47	ppb
Molybdenum	96-1	1825.66	1884.29	1878.00	1862.65	1.73	ppb
Molybdenum	97-1	1849.11	1928.50	1900.22	1892.61	2.13	ppb
Molybdenum	98-1	1881.72	1918.31	1919.76	1906.59	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.21	23.70	24.31	24.08	1.36	ppb
Phosphorus	31-2	95007.39	92355.50	95881.79	94414.89	1.94	ppb
Potassium	39-2	96822.48	94111.69	94976.14	95303.44	1.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	82-1	18.93	20.24	19.24	19.47	3.51	ppb
Selenium	77-2	18.58	20.28	25.47	21.44	16.73	ppb
Selenium	78-2	18.35	21.10	16.29	18.58	12.98	ppb
Silicon	28-1	61.83	61.49	68.55	63.96	6.22	ppb
Silver	107-1	18.67	17.34	18.05	18.02	3.68	ppb
Silver	109-1	18.36	17.63	18.70	18.23	3.01	ppb
Sodium	23-2	101833.20	97917.98	100312.03	100021.07	1.97	ppb
Strontium	86-1	82.80	85.98	84.52	84.43	1.89	ppb
Strontium	88-1	81.60	84.53	85.80	83.97	2.57	ppb
Sulfur	34-1	81828.63	80797.95	83945.12	82190.56	1.95	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	19.45	19.13	19.41	19.33	0.90	ppb
Thallium	205-1	19.38	19.24	19.11	19.24	0.71	ppb
Tin	118-1	55.42	51.30	53.75	53.49	3.87	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSAB078	Instrumnet Name :	P8
Client Sample ID :	ICSAB078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:47:45	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1969.02	1935.05	2004.61	1969.56	1.77	ppb
Uranium	238-1	48.97	50.26	50.27	49.84	1.50	ppb
Vanadium	51-2	18.80	18.76	18.79	18.78	0.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	29.34	29.31	29.06	29.24	0.53	ppb
Zirconium	90-1	50.66	51.31	51.34	51.10	0.76	ppb
Zirconium	91-1	49.93	50.67	50.16	50.25	0.76	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:54:15	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51534.73	50004.94	50394.55	50644.74	1.57	ppb
Antimony	121-1	476.98	477.17	494.70	482.95	2.11	ppb
Arsenic	75-2	524.80	504.97	502.01	510.59	2.43	ppb
Barium	135-1	2433.29	2441.82	2455.28	2443.46	0.45	ppb
Barium	137-1	2396.79	2415.08	2418.84	2410.23	0.49	ppb
Beryllium	9-1	482.38	480.99	508.24	490.54	3.13	ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	491.96	547.99	574.28	538.08	7.81	ppb
Boron	11-1	490.90	540.00	570.31	533.74	7.51	ppb
Bromine	81-1						cps
Cadmium	111-1	498.77	513.88	505.78	506.14	1.49	ppb
Cadmium	106-1	487.64	490.90	510.12	496.22	2.45	ppb
Cadmium	108-1	482.88	495.20	494.81	490.96	1.43	ppb
Calcium	43-1	251419.02	236319.71	253727.12	247155.28	3.83	ppb
Calcium	44-1	248174.21	245173.25	255837.61	249728.36	2.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.65	471.81	474.07	482.51	3.44	ppb
Cobalt	59-2	533.63	513.61	515.46	520.90	2.12	ppb
Copper	63-2	5121.97	4844.59	4873.14	4946.57	3.08	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				111		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	54-2	130131.20	124303.07	123933.40	126122.56	2.76	ppb
Iron	56-2	133410.43	124582.64	126327.62	128106.90	3.65	ppb
Iron	57-2	130548.24	124221.67	126306.77	127025.56	2.54	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:54:15	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2603.58	2409.57	2449.52	2487.56	4.12	ppb
Lead	207-1	2579.61	2451.88	2486.21	2505.90	2.64	ppb
Lead	208-1	2565.49	2442.67	2472.25	2493.47	2.57	ppb
Lithium	6-1				113		%
Magnesium	24-2	263095.69	250689.93	253225.51	255670.38	2.56	ppb
Manganese	55-2	5409.81	5095.40	5144.98	5216.73	3.24	ppb
Molybdenum	94-1	5301.46	5416.42	5497.50	5405.12	1.82	ppb
Molybdenum	95-1	5316.72	5415.35	5461.26	5397.78	1.37	ppb
Molybdenum	96-1	5363.53	5434.94	5373.31	5390.59	0.72	ppb
Molybdenum	97-1	5344.77	5291.49	5423.95	5353.40	1.25	ppb
Molybdenum	98-1	5375.28	5401.26	5546.43	5440.99	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.92	491.05	498.55	502.51	2.76	ppb
Phosphorus	31-2	10256.27	10062.25	9528.46	9948.99	3.79	ppb
Potassium	39-2	129900.30	123583.44	123631.66	125705.13	2.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	82-1	510.59	511.00	542.08	521.22	3.47	ppb
Selenium	77-2	588.76	590.66	524.96	568.13	6.58	ppb
Selenium	78-2	551.94	536.83	526.11	538.29	2.41	ppb
Silicon	28-1	546.33	550.06	624.48	573.62	7.69	ppb
Silver	107-1	491.59	492.94	505.39	496.64	1.53	ppb
Silver	109-1	494.60	492.90	511.54	499.68	2.06	ppb
Sodium	23-2	265224.75	251343.09	256813.44	257793.76	2.71	ppb
Strontium	86-1	4737.13	4757.03	4946.77	4813.64	2.40	ppb
Strontium	88-1	4782.26	4741.17	4934.52	4819.32	2.11	ppb
Sulfur	34-1	10858.12	9482.40	11565.03	10635.18	9.96	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	526.17	513.14	496.67	512.00	2.89	ppb
Thallium	205-1	521.78	488.54	487.02	499.11	3.94	ppb
Tin	118-1	486.23	478.49	504.81	489.84	2.76	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:54:15	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5337.94	5347.38	5561.78	5415.70	2.34	ppb
Uranium	238-1	507.70	525.56	523.98	519.08	1.90	ppb
Vanadium	51-2	502.00	484.27	477.90	488.05	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				93		%
Zinc	66-2	5125.59	4863.06	4904.89	4964.51	2.84	ppb
Zirconium	90-1	488.22	498.75	501.43	496.14	1.41	ppb
Zirconium	91-1	502.46	489.50	506.71	499.56	1.79	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB043 Instrumnet Name : P8
 Client Sample ID : CCB043 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:05:33 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.27	0.38	0.21	96.08	ppb
Antimony	121-1	0.04	0.05	0.07	0.05	24.47	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.02	0.00	0.01	0.01	73.40	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	295.92	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	18.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	21.73	21.24	22.74	21.91	3.49	ppb
Boron	11-1	21.46	21.78	21.29	21.51	1.16	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	0.00	-0.02		ppb
Cadmium	106-1	-3.49	-2.54	-2.92	-2.99		ppb
Cadmium	108-1	-0.09	-0.05	-0.12	-0.09		ppb
Calcium	43-1	0.83	1.12	-0.71	0.41	237.19	ppb
Calcium	44-1	2.83	-0.82	-0.43	0.53	379.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.09	0.00	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.09	0.05	0.05	0.06	28.51	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				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	0.62	0.03	0.28	0.31	94.40	ppb
Iron	56-2	0.37	0.36	0.42	0.38	9.02	ppb
Iron	57-2	-0.79	-0.11	-0.21	-0.37		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:05:33	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.07	0.05	38.58	ppb
Lead	207-1	0.05	0.07	0.05	0.06	22.91	ppb
Lead	208-1	0.05	0.06	0.07	0.06	12.03	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.34	0.63	-0.15	0.27	142.80	ppb
Manganese	55-2	-0.01	-0.01	0.02	0.00	8929.19	ppb
Molybdenum	94-1	0.13	0.07	0.11	0.11	29.73	ppb
Molybdenum	95-1	0.16	0.06	0.08	0.10	52.58	ppb
Molybdenum	96-1	0.14	0.08	0.07	0.10	41.09	ppb
Molybdenum	97-1	0.16	0.13	0.08	0.12	35.17	ppb
Molybdenum	98-1	0.15	0.07	0.07	0.10	49.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-24.95	7.53	1.64	-5.26		ppb
Potassium	39-2	8.05	-0.84	12.83	6.68	103.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	1.08	1.23	0.69	1.00	27.86	ppb
Selenium	77-2	0.95	0.00	0.94	0.63	86.61	ppb
Selenium	78-2	-0.39	0.70	-0.14	0.06	1034.12	ppb
Silicon	28-1	-0.55	-7.17	-6.49	-4.73		ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.00	120.62	ppb
Sodium	23-2	16.50	16.81	15.64	16.32	3.72	ppb
Strontium	86-1	0.05	-0.05	-0.07	-0.03		ppb
Strontium	88-1	0.03	0.01	0.01	0.02	37.78	ppb
Sulfur	34-1	-444.72	-1072.42	-1115.36	-877.50		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.00	0.03	0.02	81.85	ppb
Thallium	205-1	0.01	0.01	0.03	0.02	56.42	ppb
Tin	118-1	-0.14	-0.10	-0.11	-0.12		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:05:33	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.02	0.02	0.01	297.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	68.63	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	388.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	-0.03	0.04	0.13	0.05	168.20	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	86.43	ppb
Zirconium	91-1	0.01	-0.02	0.02	0.00	1432.93	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141131BL Instrumnet Name : P8
 Client Sample ID : PBS131 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:09:19 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	0.11	0.17	0.04	374.21	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	27.63	ppb
Arsenic	75-2	-0.04	-0.01	-0.04	-0.03		ppb
Barium	135-1	-0.02	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	43.87	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	19.21	18.92	17.49	18.54	4.98	ppb
Boron	11-1	18.76	18.73	17.78	18.42	3.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.00	-0.01	-0.02		ppb
Cadmium	106-1	-3.59	-1.00	-2.19	-2.26		ppb
Cadmium	108-1	0.23	0.10	-0.02	0.11	115.57	ppb
Calcium	43-1	-0.89	-1.03	0.84	-0.36		ppb
Calcium	44-1	-0.33	-1.02	-2.06	-1.14		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.04	0.00	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.06	0.07	0.06	6.20	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				106		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	0.42	-0.19	1.30	0.51	146.83	ppb
Iron	56-2	0.12	-0.06	0.15	0.07	155.75	ppb
Iron	57-2	0.39	-1.33	-0.64	-0.53		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BL	Instrumnet Name :	P8
Client Sample ID :	PBS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:09:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.05	0.03	39.63	ppb
Lead	207-1	0.03	0.02	0.05	0.04	48.01	ppb
Lead	208-1	0.03	0.03	0.04	0.04	13.63	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.14	-0.33	0.37	0.06	618.37	ppb
Manganese	55-2	-0.03	0.00	-0.01	-0.02		ppb
Molybdenum	94-1	0.06	0.00	0.03	0.03	110.80	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	13.18	ppb
Molybdenum	96-1	0.03	0.04	0.01	0.03	66.17	ppb
Molybdenum	97-1	0.01	0.03	0.05	0.03	65.82	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.02	31.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-11.24	-23.56	-19.71	-18.17		ppb
Potassium	39-2	9.21	14.70	13.19	12.37	22.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	82-1	0.87	0.73	0.51	0.70	25.95	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.95	-0.78	-1.32	-1.35		ppb
Silicon	28-1	-5.55	-2.56	-5.40	-4.50		ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.00	ppb
Sodium	23-2	14.01	11.70	11.63	12.45	10.90	ppb
Strontium	86-1	0.05	-0.05	-0.04	-0.01		ppb
Strontium	88-1	-0.01	0.00	0.00	0.00		ppb
Sulfur	34-1	-517.09	-436.64	-957.94	-637.22		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.02	0.01	0.01	83.20	ppb
Tin	118-1	-0.12	-0.13	-0.11	-0.12		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BL	Instrumnet Name :	P8
Client Sample ID :	PBS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:09:19	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.02	0.03	0.00	2890.10	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				95		%
Zinc	66-2	-0.01	-0.06	-0.02	-0.03		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.02	-0.01	-0.02	-0.02		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BS	Instrumnet Name :	P8
Client Sample ID :	LCS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:12:24	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.89	37.95	36.24	37.02	2.33	ppb
Antimony	121-1	3.91	3.73	3.75	3.80	2.57	ppb
Arsenic	75-2	2.13	1.97	1.96	2.02	4.71	ppb
Barium	135-1	18.58	18.39	18.30	18.42	0.79	ppb
Barium	137-1	18.65	18.15	18.32	18.37	1.37	ppb
Beryllium	9-1	1.96	1.98	2.03	1.99	1.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	55.13	61.14	62.21	59.49	6.42	ppb
Boron	11-1	56.55	58.71	61.96	59.08	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	1.99	1.95	2.18	2.04	5.86	ppb
Cadmium	106-1	1.53	-0.51	1.95	0.99	133.20	ppb
Cadmium	108-1	1.64	2.06	1.96	1.88	11.64	ppb
Calcium	43-1	949.33	960.60	969.03	959.66	1.03	ppb
Calcium	44-1	964.40	980.83	970.90	972.04	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.75	3.73	3.63	3.70	1.81	ppb
Cobalt	59-2	1.80	1.90	1.87	1.85	2.86	ppb
Copper	63-2	3.75	4.18	3.83	3.92	5.80	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				104		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	416.79	447.65	426.24	430.23	3.67	ppb
Iron	56-2	423.71	438.48	419.43	427.21	2.34	ppb
Iron	57-2	416.41	432.93	411.43	420.26	2.68	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BS	Instrumnet Name :	P8
Client Sample ID :	LCS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:12:24	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.81	1.83	1.95	1.86	4.14	ppb
Lead	207-1	1.82	1.83	1.90	1.85	2.30	ppb
Lead	208-1	1.81	1.80	1.88	1.83	2.32	ppb
Lithium	6-1				107		%
Magnesium	24-2	990.70	1037.46	987.96	1005.37	2.77	ppb
Manganese	55-2	1.89	1.94	1.79	1.88	4.07	ppb
Molybdenum	94-1	11.67	11.41	11.73	11.60	1.49	ppb
Molybdenum	95-1	9.66	9.52	9.71	9.63	1.07	ppb
Molybdenum	96-1	10.02	9.64	9.57	9.74	2.50	ppb
Molybdenum	97-1	9.70	9.80	9.92	9.81	1.11	ppb
Molybdenum	98-1	9.73	9.65	9.57	9.65	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.04	1.93	1.97	3.06	ppb
Phosphorus	31-2	18.93	47.75	20.01	28.89	56.54	ppb
Potassium	39-2	952.88	1004.33	938.33	965.18	3.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	8.96	9.81	10.02	9.60	5.85	ppb
Selenium	77-2	14.72	8.82	8.42	10.65	33.11	ppb
Selenium	78-2	8.24	7.66	9.88	8.59	13.40	ppb
Silicon	28-1	18.74	21.61	21.42	20.59	7.80	ppb
Silver	107-1	1.90	1.79	1.88	1.86	3.19	ppb
Silver	109-1	1.89	1.87	2.12	1.96	7.26	ppb
Sodium	23-2	965.27	1038.99	977.62	993.96	3.97	ppb
Strontium	86-1	1.93	1.88	1.80	1.87	3.64	ppb
Strontium	88-1	1.96	1.83	1.89	1.89	3.45	ppb
Sulfur	34-1	-416.68	-169.57	-188.57	-258.27		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.79	1.69	1.89	1.79	5.53	ppb
Thallium	205-1	1.74	1.81	1.81	1.79	2.15	ppb
Tin	118-1	9.56	9.40	9.18	9.38	2.03	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BS	Instrumnet Name :	P8
Client Sample ID :	LCS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:12:24	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.44	10.66	10.14	10.08	6.08	ppb
Uranium	238-1	1.78	1.86	1.83	1.82	2.08	ppb
Vanadium	51-2	9.04	9.32	9.18	9.18	1.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	9.80	10.03	9.87	9.90	1.19	ppb
Zirconium	90-1	1.87	1.74	1.78	1.80	3.88	ppb
Zirconium	91-1	1.89	1.84	1.92	1.88	1.91	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141132BL Instrumnet Name : P8
 Client Sample ID : PBS132 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:15:27 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.16	-0.12	0.06	-0.08		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	45.20	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	46.68	ppb
Bismuth	209-1				104		%
Bismuth	209-2				93		%
Boron	10-1	23.76	24.03	21.38	23.06	6.34	ppb
Boron	11-1	23.01	22.55	21.13	22.23	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.03	-0.01		ppb
Cadmium	106-1	-1.23	0.80	-2.34	-0.92		ppb
Cadmium	108-1	0.06	0.21	-0.09	0.06	243.89	ppb
Calcium	43-1	-2.50	-1.12	-1.96	-1.86		ppb
Calcium	44-1	-4.63	-2.44	-2.85	-3.31		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.09	0.04	130.80	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.01	0.07	0.03	105.37	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				94		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	54-2	-0.11	-0.82	-0.27	-0.40		ppb
Iron	56-2	-0.06	-0.14	0.29	0.03	722.68	ppb
Iron	57-2	-2.34	0.92	0.66	-0.25		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BL	Instrumnet Name :	P8
Client Sample ID :	PBS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:15:27	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.06	0.04	54.30	ppb
Lead	207-1	0.05	0.01	0.03	0.03	59.51	ppb
Lead	208-1	0.04	0.00	0.03	0.02	94.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.68	0.65	0.34	0.56	33.65	ppb
Manganese	55-2	-0.02	-0.03	-0.02	-0.03		ppb
Molybdenum	94-1	0.03	0.01	0.00	0.01	104.35	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	252.45	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	81.24	ppb
Molybdenum	97-1	0.05	0.03	0.03	0.04	23.89	ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	83.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.01	-0.01		ppb
Phosphorus	31-2	1.11	-20.39	-3.92	-7.73		ppb
Potassium	39-2	0.39	7.89	46.07	18.11	135.25	ppb
Rhodium	103-1				103		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				88		%
Selenium	82-1	0.54	1.12	0.36	0.67	58.95	ppb
Selenium	77-2	1.86	0.00	0.00	0.62	173.21	ppb
Selenium	78-2	-1.77	0.57	0.74	-0.15		ppb
Silicon	28-1	-8.47	-4.36	-6.28	-6.37		ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.01	0.01	67.50	ppb
Sodium	23-2	7.24	5.28	20.66	11.06	75.69	ppb
Strontium	86-1	0.03	-0.10	0.04	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-929.60	-349.15	-711.35	-663.37		ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.13	-0.09	-0.12	-0.11		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BL	Instrumnet Name :	P8
Client Sample ID :	PBS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:15:27	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.01	-0.07	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	-0.18	-0.09	-0.08	-0.11		ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	115.59	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BS	Instrumnet Name :	P8
Client Sample ID :	LCS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:18:31	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.85	36.86	35.90	36.21	1.57	ppb
Antimony	121-1	3.99	3.66	3.71	3.78	4.70	ppb
Arsenic	75-2	2.12	2.02	2.07	2.07	2.38	ppb
Barium	135-1	18.51	18.48	18.12	18.37	1.17	ppb
Barium	137-1	19.76	17.86	18.40	18.67	5.25	ppb
Beryllium	9-1	2.02	2.00	1.94	1.99	2.07	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	57.58	59.92	58.00	58.50	2.13	ppb
Boron	11-1	55.70	58.44	56.31	56.82	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	2.14	1.97	2.03	2.05	4.32	ppb
Cadmium	106-1	0.84	0.80	1.63	1.09	43.00	ppb
Cadmium	108-1	1.41	1.60	1.40	1.47	7.72	ppb
Calcium	43-1	957.05	909.01	953.71	939.93	2.85	ppb
Calcium	44-1	959.24	908.65	952.14	940.01	2.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.77	3.58	3.63	3.66	2.67	ppb
Cobalt	59-2	1.90	1.86	1.90	1.89	1.22	ppb
Copper	63-2	3.84	3.83	3.85	3.84	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				106		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	419.99	418.40	427.41	421.93	1.14	ppb
Iron	56-2	425.04	418.33	420.25	421.21	0.82	ppb
Iron	57-2	429.95	414.49	423.83	422.76	1.84	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BS	Instrumnet Name :	P8
Client Sample ID :	LCS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:18:31	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.83	1.68	1.62	1.71	6.22	ppb
Lead	207-1	1.86	1.87	1.79	1.84	2.23	ppb
Lead	208-1	1.84	1.79	1.70	1.78	3.80	ppb
Lithium	6-1				110		%
Magnesium	24-2	981.68	974.25	965.26	973.73	0.84	ppb
Manganese	55-2	1.85	1.76	2.04	1.88	7.69	ppb
Molybdenum	94-1	11.26	11.04	11.83	11.37	3.60	ppb
Molybdenum	95-1	9.66	9.12	9.17	9.31	3.21	ppb
Molybdenum	96-1	9.76	9.29	9.68	9.57	2.62	ppb
Molybdenum	97-1	9.51	9.51	9.20	9.40	1.90	ppb
Molybdenum	98-1	9.68	9.37	9.26	9.44	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	1.99	1.85	1.95	4.18	ppb
Phosphorus	31-2	25.51	24.92	36.01	28.81	21.65	ppb
Potassium	39-2	945.43	960.98	954.87	953.76	0.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	9.62	10.10	10.43	10.05	4.07	ppb
Selenium	77-2	13.02	11.32	9.53	11.29	15.49	ppb
Selenium	78-2	9.63	9.60	10.00	9.74	2.29	ppb
Silicon	28-1	19.87	12.67	19.45	17.33	23.32	ppb
Silver	107-1	1.99	1.87	1.91	1.92	3.24	ppb
Silver	109-1	1.88	1.87	1.83	1.86	1.49	ppb
Sodium	23-2	978.15	976.06	972.34	975.52	0.30	ppb
Strontium	86-1	1.98	1.72	1.72	1.80	8.42	ppb
Strontium	88-1	1.86	1.81	1.85	1.84	1.34	ppb
Sulfur	34-1	-254.54	-737.52	-357.16	-449.74		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.83	1.82	1.70	1.78	3.98	ppb
Thallium	205-1	1.92	1.67	1.70	1.76	7.87	ppb
Tin	118-1	9.90	9.16	9.17	9.41	4.53	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BS	Instrumnet Name :	P8
Client Sample ID :	LCS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:18:31	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.55	9.30	9.79	9.55	2.57	ppb
Uranium	238-1	1.84	1.58	1.70	1.71	7.48	ppb
Vanadium	51-2	9.03	9.32	9.35	9.24	1.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	9.84	9.07	10.19	9.70	5.91	ppb
Zirconium	90-1	1.81	1.76	1.82	1.80	1.74	ppb
Zirconium	91-1	1.71	1.83	1.86	1.80	4.55	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141133BL Instrumnet Name : P8
 Client Sample ID : PBS133 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:21:34 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	-0.01	-0.28	-0.01		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	67.58	ppb
Arsenic	75-2	0.00	-0.02	0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	28.48	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	19.42	18.20	17.22	18.28	6.03	ppb
Boron	11-1	19.20	17.90	17.42	18.18	5.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.01	-0.01	0.00	571.57	ppb
Cadmium	106-1	0.22	0.39	-3.32	-0.90		ppb
Cadmium	108-1	0.11	-0.04	-0.09	-0.01		ppb
Calcium	43-1	-2.40	-1.85	-1.27	-1.84		ppb
Calcium	44-1	-3.25	-1.86	-0.89	-2.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.01	0.01	0.02	84.49	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				103		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	-0.36	-1.62	-0.09	-0.69		ppb
Iron	56-2	0.01	-0.25	-0.17	-0.14		ppb
Iron	57-2	0.25	-1.02	0.80	0.01	7779.51	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BL	Instrumnet Name :	P8
Client Sample ID :	PBS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:21:34	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.03	0.03	50.32	ppb
Lead	207-1	0.01	0.02	0.02	0.01	51.57	ppb
Lead	208-1	0.02	0.03	0.00	0.02	71.44	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.14	0.22	0.30	0.22	35.56	ppb
Manganese	55-2	-0.03	-0.01	0.02	-0.01		ppb
Molybdenum	94-1	0.01	-0.01	0.04	0.01	189.78	ppb
Molybdenum	95-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	96-1	0.00	0.02	0.01	0.01	132.95	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.01	156.00	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	358.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.02	0.00		ppb
Phosphorus	31-2	-18.87	-21.33	1.31	-12.97		ppb
Potassium	39-2	24.51	17.09	4.25	15.28	67.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	0.28	0.42	0.95	0.55	64.47	ppb
Selenium	77-2	0.00	0.94	0.00	0.31	173.21	ppb
Selenium	78-2	-0.88	-0.71	0.36	-0.41		ppb
Silicon	28-1	-6.40	-4.16	-1.15	-3.90		ppb
Silver	107-1	0.00	0.01	0.00	0.00	183.48	ppb
Silver	109-1	-0.01	0.01	0.00	0.00	714.14	ppb
Sodium	23-2	3.94	6.65	4.78	5.12	27.10	ppb
Strontium	86-1	-0.04	0.02	0.00	-0.01		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-372.01	-103.22	152.08	-107.72		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.04	-0.01	-0.02		ppb
Tin	118-1	-0.11	-0.12	-0.12	-0.12		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BL	Instrumnet Name :	P8
Client Sample ID :	PBS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:21:34	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	0.04	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		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	-0.13	0.02	-0.05	-0.05		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	139.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BS	Instrumnet Name :	P8
Client Sample ID :	LCS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:24:39	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.35	37.67	37.97	37.33	2.32	ppb
Antimony	121-1	3.91	3.83	3.73	3.82	2.27	ppb
Arsenic	75-2	2.23	1.97	1.93	2.04	7.91	ppb
Barium	135-1	19.41	18.48	18.45	18.78	2.92	ppb
Barium	137-1	19.57	19.09	18.48	19.05	2.89	ppb
Beryllium	9-1	2.17	2.13	1.96	2.09	5.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	55.15	56.99	57.89	56.68	2.46	ppb
Boron	11-1	53.71	58.23	56.07	56.00	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	2.15	2.03	2.03	2.07	3.47	ppb
Cadmium	106-1	-0.29	1.31	1.08	0.70	123.24	ppb
Cadmium	108-1	1.46	1.66	2.10	1.74	18.68	ppb
Calcium	43-1	959.24	937.36	941.23	945.94	1.23	ppb
Calcium	44-1	1000.25	955.58	956.03	970.62	2.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.51	3.52	3.53	3.52	0.26	ppb
Cobalt	59-2	1.87	1.81	1.95	1.87	3.67	ppb
Copper	63-2	3.84	3.87	3.69	3.80	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	420.38	409.28	404.75	411.47	1.95	ppb
Iron	56-2	421.49	418.78	409.24	416.51	1.54	ppb
Iron	57-2	405.90	408.42	400.93	405.08	0.94	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BS	Instrumnet Name :	P8
Client Sample ID :	LCS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:24:39	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.82	1.82	1.64	1.76	6.00	ppb
Lead	207-1	1.98	1.66	1.97	1.87	9.55	ppb
Lead	208-1	1.90	1.77	1.79	1.82	3.82	ppb
Lithium	6-1				103		%
Magnesium	24-2	964.32	967.14	956.40	962.62	0.58	ppb
Manganese	55-2	1.95	1.93	1.93	1.94	0.78	ppb
Molybdenum	94-1	11.29	11.47	12.24	11.67	4.32	ppb
Molybdenum	95-1	10.02	9.27	9.75	9.68	3.93	ppb
Molybdenum	96-1	9.85	9.90	10.22	9.99	1.99	ppb
Molybdenum	97-1	9.54	10.32	10.03	9.96	3.95	ppb
Molybdenum	98-1	9.95	9.72	9.83	9.84	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	1.80	1.93	1.90	4.94	ppb
Phosphorus	31-2	-5.04	41.46	28.49	21.64	110.89	ppb
Potassium	39-2	952.05	961.93	923.36	945.78	2.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	9.93	11.17	11.25	10.78	6.86	ppb
Selenium	77-2	11.55	5.55	12.37	9.82	37.87	ppb
Selenium	78-2	9.14	8.81	8.54	8.83	3.39	ppb
Silicon	28-1	25.11	19.79	19.04	21.31	15.53	ppb
Silver	107-1	1.91	1.90	1.92	1.91	0.61	ppb
Silver	109-1	2.02	1.99	1.90	1.97	3.30	ppb
Sodium	23-2	963.96	967.04	951.91	960.97	0.83	ppb
Strontium	86-1	1.75	1.72	2.05	1.84	9.85	ppb
Strontium	88-1	1.93	1.82	1.86	1.87	2.92	ppb
Sulfur	34-1	757.59	111.96	125.15	331.57	111.29	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1.79	1.70	1.66	1.72	3.89	ppb
Thallium	205-1	1.87	1.74	1.69	1.77	5.27	ppb
Tin	118-1	9.36	9.71	9.48	9.52	1.83	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BS	Instrumnet Name :	P8
Client Sample ID :	LCS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:24:39	DataFile Name :	026LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.15	9.96	10.00	10.04	1.00	ppb
Uranium	238-1	1.83	1.74	1.69	1.75	4.12	ppb
Vanadium	51-2	9.29	8.92	9.11	9.10	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	9.16	9.62	9.19	9.32	2.75	ppb
Zirconium	90-1	1.83	1.89	1.93	1.88	2.62	ppb
Zirconium	91-1	1.89	1.90	1.96	1.92	1.94	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4898-01 Instrumnet Name : P8
 Client Sample ID : MH1ET5 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:27:42 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20201.18	19962.30	20260.48	20141.32	0.78	ppb
Antimony	121-1	3.14	2.99	3.24	3.12	4.02	ppb
Arsenic	75-2	34.03	33.73	32.87	33.54	1.80	ppb
Barium	135-1	704.89	687.64	694.23	695.59	1.25	ppb
Barium	137-1	708.02	721.28	718.11	715.80	0.97	ppb
Beryllium	9-1	2.77	2.78	2.57	2.71	4.41	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	38.38	38.38	36.74	37.83	2.50	ppb
Boron	11-1	38.34	38.35	36.27	37.65	3.18	ppb
Bromine	81-1						cps
Cadmium	111-1	13.70	13.26	14.08	13.68	3.02	ppb
Cadmium	106-1	14.70	13.16	14.67	14.17	6.21	ppb
Cadmium	108-1	14.01	11.74	13.30	13.02	8.91	ppb
Calcium	43-1	86444.97	84349.21	86286.07	85693.42	1.36	ppb
Calcium	44-1	87915.08	83322.06	83223.17	84820.10	3.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.72	50.41	51.09	51.07	1.27	ppb
Cobalt	59-2	24.25	24.22	24.12	24.20	0.29	ppb
Copper	63-2	308.96	300.84	307.10	305.63	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	66769.52	65417.22	68139.84	66775.53	2.04	ppb
Iron	56-2	67990.16	67483.58	66947.92	67473.89	0.77	ppb
Iron	57-2	69639.22	67297.81	67592.00	68176.34	1.87	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-01	Instrumnet Name :	P8
Client Sample ID :	MH1ET5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:27:42	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1127.53	1104.99	1096.25	1109.59	1.45	ppb
Lead	207-1	1089.17	1104.38	1102.20	1098.58	0.75	ppb
Lead	208-1	1106.96	1084.12	1069.74	1086.94	1.73	ppb
Lithium	6-1				107		%
Magnesium	24-2	11849.87	11746.41	11839.62	11811.96	0.48	ppb
Manganese	55-2	2688.60	2701.00	2727.78	2705.79	0.74	ppb
Molybdenum	94-1	8.62	7.43	7.94	8.00	7.44	ppb
Molybdenum	95-1	4.45	3.99	4.30	4.25	5.45	ppb
Molybdenum	96-1	5.20	4.88	5.12	5.07	3.26	ppb
Molybdenum	97-1	4.31	3.86	4.12	4.10	5.56	ppb
Molybdenum	98-1	4.36	3.71	4.19	4.09	8.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.51	66.69	68.30	67.17	1.47	ppb
Phosphorus	31-2	4784.90	4863.16	4844.67	4830.91	0.85	ppb
Potassium	39-2	7061.09	6887.94	7107.94	7018.99	1.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	3.92	3.69	4.05	3.89	4.69	ppb
Selenium	77-2	45.81	46.92	41.05	44.59	7.00	ppb
Selenium	78-2	11.07	9.35	9.52	9.98	9.52	ppb
Silicon	28-1	1347.74	1285.62	1300.01	1311.12	2.48	ppb
Silver	107-1	7.94	7.36	7.91	7.74	4.22	ppb
Silver	109-1	7.97	7.86	7.99	7.94	0.92	ppb
Sodium	23-2	511.01	515.77	518.37	515.05	0.73	ppb
Strontium	86-1	358.55	322.12	337.95	339.54	5.38	ppb
Strontium	88-1	344.05	318.79	333.05	331.96	3.82	ppb
Sulfur	34-1	1335.30	895.80	963.52	1064.88	22.22	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.90	0.91	0.95	0.92	2.53	ppb
Thallium	205-1	0.95	0.95	0.92	0.94	1.63	ppb
Tin	118-1	26.29	24.80	26.53	25.87	3.63	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-01	Instrumnet Name :	P8
Client Sample ID :	MH1ET5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:27:42	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	255.31	241.51	251.60	249.48	2.86	ppb
Uranium	238-1	5.18	4.80	4.87	4.95	4.05	ppb
Vanadium	51-2	89.97	88.54	89.86	89.46	0.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	2647.83	2673.11	2660.63	2660.52	0.48	ppb
Zirconium	90-1	2.60	2.34	2.45	2.46	5.29	ppb
Zirconium	91-1	2.66	2.48	2.53	2.56	3.71	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-02	Instrumnet Name :	P8
Client Sample ID :	MH1ET6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:30:38	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18505.17	18857.56	18564.48	18642.40	1.01	ppb
Antimony	121-1	2.85	2.96	2.80	2.87	2.78	ppb
Arsenic	75-2	42.80	41.39	41.94	42.04	1.69	ppb
Barium	135-1	534.59	535.82	520.72	530.38	1.58	ppb
Barium	137-1	541.25	533.09	540.04	538.13	0.82	ppb
Beryllium	9-1	2.32	2.30	2.31	2.31	0.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	28.18	28.49	28.30	28.32	0.55	ppb
Boron	11-1	28.25	29.86	28.53	28.88	2.97	ppb
Bromine	81-1						cps
Cadmium	111-1	12.49	12.27	12.20	12.32	1.22	ppb
Cadmium	106-1	8.83	16.02	12.69	12.51	28.78	ppb
Cadmium	108-1	10.97	10.92	10.17	10.69	4.17	ppb
Calcium	43-1	68955.33	67943.76	66130.17	67676.42	2.12	ppb
Calcium	44-1	68080.98	68141.54	66557.88	67593.46	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.28	28.41	27.70	27.80	2.04	ppb
Cobalt	59-2	21.15	21.60	21.42	21.39	1.05	ppb
Copper	63-2	282.14	283.13	278.85	281.37	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	55738.94	57392.43	55300.31	56143.89	1.97	ppb
Iron	56-2	57459.92	56220.58	53956.80	55879.10	3.18	ppb
Iron	57-2	56340.32	57484.11	55067.58	56297.34	2.15	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-02	Instrumnet Name :	P8
Client Sample ID :	MH1ET6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:30:38	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	876.79	845.58	831.98	851.45	2.70	ppb
Lead	207-1	895.87	853.78	839.22	862.95	3.41	ppb
Lead	208-1	873.98	846.38	825.86	848.74	2.85	ppb
Lithium	6-1				108		%
Magnesium	24-2	9543.37	9727.89	9669.35	9646.87	0.98	ppb
Manganese	55-2	2145.76	2137.61	2036.50	2106.63	2.89	ppb
Molybdenum	94-1	6.60	6.61	6.63	6.61	0.28	ppb
Molybdenum	95-1	3.41	3.37	3.19	3.32	3.53	ppb
Molybdenum	96-1	4.04	4.00	4.03	4.02	0.51	ppb
Molybdenum	97-1	3.20	3.40	3.36	3.32	3.19	ppb
Molybdenum	98-1	3.26	3.12	3.23	3.20	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.11	60.10	58.42	59.21	1.42	ppb
Phosphorus	31-2	3463.24	3569.68	3549.43	3527.45	1.60	ppb
Potassium	39-2	5733.20	5852.30	5719.12	5768.21	1.27	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	3.11	3.03	1.76	2.63	28.65	ppb
Selenium	77-2	32.60	38.18	39.54	36.77	10.00	ppb
Selenium	78-2	7.75	7.68	8.09	7.84	2.78	ppb
Silicon	28-1	1131.88	1119.11	1150.34	1133.78	1.39	ppb
Silver	107-1	4.53	4.60	4.67	4.60	1.50	ppb
Silver	109-1	4.59	4.56	4.73	4.63	1.87	ppb
Sodium	23-2	427.29	443.09	446.85	439.08	2.36	ppb
Strontium	86-1	257.34	253.52	246.80	252.56	2.11	ppb
Strontium	88-1	253.30	253.17	247.35	251.27	1.35	ppb
Sulfur	34-1	-63.99	-163.08	-274.06	-167.04		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	1.06	1.06	1.05	1.06	0.52	ppb
Thallium	205-1	1.03	1.08	1.07	1.06	2.63	ppb
Tin	118-1	15.46	15.55	15.92	15.64	1.55	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-02	Instrumnet Name :	P8
Client Sample ID :	MH1ET6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:30:38	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	210.76	211.54	207.77	210.02	0.95	ppb
Uranium	238-1	4.02	4.11	3.66	3.93	6.04	ppb
Vanadium	51-2	81.41	84.43	83.13	82.99	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	1733.64	1757.73	1709.58	1733.65	1.39	ppb
Zirconium	90-1	2.00	1.98	1.97	1.98	0.74	ppb
Zirconium	91-1	1.85	1.95	1.91	1.90	2.78	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-03	Instrumnet Name :	P8
Client Sample ID :	MH1ET7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:33:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26298.79	26246.86	26315.10	26286.92	0.14	ppb
Antimony	121-1	1.45	1.55	1.52	1.51	3.47	ppb
Arsenic	75-2	36.93	36.86	37.63	37.14	1.15	ppb
Barium	135-1	599.08	603.47	643.47	615.34	3.98	ppb
Barium	137-1	623.68	631.01	665.96	640.22	3.53	ppb
Beryllium	9-1	2.41	2.46	2.53	2.47	2.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	21.07	21.20	21.06	21.11	0.39	ppb
Boron	11-1	21.15	21.95	22.19	21.76	2.50	ppb
Bromine	81-1						cps
Cadmium	111-1	3.53	3.63	3.56	3.57	1.40	ppb
Cadmium	106-1	3.94	5.32	5.62	4.96	18.11	ppb
Cadmium	108-1	3.59	3.23	5.01	3.94	23.87	ppb
Calcium	43-1	47629.63	47602.28	49503.48	48245.13	2.26	ppb
Calcium	44-1	49593.69	46094.81	49748.03	48478.84	4.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.86	28.49	29.27	28.54	2.47	ppb
Cobalt	59-2	21.50	21.69	21.55	21.58	0.45	ppb
Copper	63-2	93.14	93.75	92.47	93.12	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	48225.80	49619.89	47195.60	48347.09	2.52	ppb
Iron	56-2	47527.64	47430.79	47835.02	47597.82	0.44	ppb
Iron	57-2	47948.17	48692.61	48769.30	48470.03	0.94	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-03	Instrumnet Name :	P8
Client Sample ID :	MH1ET7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:33:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	146.55	148.15	155.29	150.00	3.10	ppb
Lead	207-1	143.41	141.59	157.27	147.42	5.81	ppb
Lead	208-1	149.06	147.27	157.28	151.20	3.53	ppb
Lithium	6-1				107		%
Magnesium	24-2	11483.49	11561.53	11628.92	11557.98	0.63	ppb
Manganese	55-2	1131.09	1140.86	1133.67	1135.20	0.45	ppb
Molybdenum	94-1	6.34	6.28	6.47	6.36	1.51	ppb
Molybdenum	95-1	3.63	3.69	3.80	3.70	2.31	ppb
Molybdenum	96-1	4.30	4.08	4.40	4.26	3.84	ppb
Molybdenum	97-1	3.62	3.57	3.78	3.66	3.06	ppb
Molybdenum	98-1	3.74	3.58	3.79	3.70	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.46	56.13	56.08	55.89	0.67	ppb
Phosphorus	31-2	2872.61	2773.81	2749.98	2798.80	2.32	ppb
Potassium	39-2	7642.48	7768.64	7778.56	7729.90	0.98	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	2.14	2.41	3.14	2.57	20.22	ppb
Selenium	77-2	50.99	60.25	62.89	58.04	10.77	ppb
Selenium	78-2	12.02	9.80	11.02	10.95	10.13	ppb
Silicon	28-1	1209.32	1190.67	1276.22	1225.40	3.67	ppb
Silver	107-1	1.16	1.16	1.28	1.20	5.60	ppb
Silver	109-1	1.24	1.31	1.26	1.27	3.13	ppb
Sodium	23-2	440.10	449.18	448.41	445.90	1.13	ppb
Strontium	86-1	190.16	191.34	199.00	193.50	2.48	ppb
Strontium	88-1	192.30	187.72	201.05	193.69	3.50	ppb
Sulfur	34-1	-652.76	-942.95	268.43	-442.43		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.97	1.01	1.16	1.05	9.18	ppb
Thallium	205-1	0.93	0.91	1.13	0.99	11.84	ppb
Tin	118-1	3.13	3.10	3.38	3.20	4.84	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-03	Instrumnet Name :	P8
Client Sample ID :	MH1ET7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:33:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	132.70	127.87	135.59	132.05	2.95	ppb
Uranium	238-1	3.96	3.96	4.14	4.02	2.66	ppb
Vanadium	51-2	105.76	106.62	107.32	106.57	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	364.21	373.95	378.85	372.33	2.00	ppb
Zirconium	90-1	1.78	1.75	1.91	1.82	4.70	ppb
Zirconium	91-1	1.71	1.68	1.89	1.76	6.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-04	Instrumnet Name :	P8
Client Sample ID :	MH1ET8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:36:27	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27278.79	27398.90	26849.04	27175.58	1.06	ppb
Antimony	121-1	1.13	1.02	1.04	1.06	5.28	ppb
Arsenic	75-2	21.53	22.75	22.25	22.18	2.77	ppb
Barium	135-1	655.12	650.90	638.90	648.31	1.30	ppb
Barium	137-1	675.57	667.65	644.09	662.44	2.47	ppb
Beryllium	9-1	2.17	2.13	2.01	2.10	3.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	19.17	19.76	19.67	19.53	1.64	ppb
Boron	11-1	19.25	20.11	19.43	19.60	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	2.78	2.89	2.87	2.85	1.98	ppb
Cadmium	106-1	4.23	6.19	2.78	4.40	38.91	ppb
Cadmium	108-1	2.53	3.29	3.03	2.95	13.04	ppb
Calcium	43-1	177132.04	181743.99	194868.56	184581.53	4.99	ppb
Calcium	44-1	182165.89	180295.58	190924.80	184462.09	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.33	27.50	27.21	27.35	0.54	ppb
Cobalt	59-2	20.19	19.74	20.18	20.04	1.30	ppb
Copper	63-2	64.57	64.48	65.23	64.76	0.63	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				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	47399.61	46402.48	47068.07	46956.72	1.08	ppb
Iron	56-2	44326.97	45621.77	46784.79	45577.84	2.70	ppb
Iron	57-2	45526.20	45962.20	46661.30	46049.90	1.24	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-04	Instrumnet Name :	P8
Client Sample ID :	MH1ET8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:36:27	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	66.03	64.16	70.19	66.79	4.62	ppb
Lead	207-1	61.76	63.49	63.60	62.95	1.64	ppb
Lead	208-1	65.34	65.32	66.86	65.84	1.33	ppb
Lithium	6-1				110		%
Magnesium	24-2	15069.56	15499.69	15689.23	15419.50	2.06	ppb
Manganese	55-2	857.90	874.94	876.62	869.82	1.19	ppb
Molybdenum	94-1	6.57	6.46	6.93	6.65	3.69	ppb
Molybdenum	95-1	4.14	3.94	4.34	4.14	4.85	ppb
Molybdenum	96-1	4.77	4.65	4.99	4.80	3.55	ppb
Molybdenum	97-1	4.18	4.01	4.32	4.17	3.68	ppb
Molybdenum	98-1	4.14	4.10	4.19	4.14	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.58	50.14	50.30	50.34	0.44	ppb
Phosphorus	31-2	3035.43	3091.25	2918.73	3015.14	2.92	ppb
Potassium	39-2	5802.26	5971.90	5961.08	5911.75	1.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	2.96	3.21	2.97	3.05	4.66	ppb
Selenium	77-2	39.38	50.78	43.61	44.59	12.93	ppb
Selenium	78-2	9.47	8.56	10.36	9.46	9.48	ppb
Silicon	28-1	1034.30	983.43	1046.33	1021.35	3.27	ppb
Silver	107-1	0.65	0.65	0.65	0.65	0.66	ppb
Silver	109-1	0.68	0.71	0.65	0.68	4.47	ppb
Sodium	23-2	537.06	547.36	553.01	545.81	1.48	ppb
Strontium	86-1	319.02	313.87	336.95	323.28	3.75	ppb
Strontium	88-1	317.92	310.61	324.30	317.61	2.16	ppb
Sulfur	34-1	-452.91	-415.82	225.46	-214.42		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.83	0.93	0.97	0.91	7.69	ppb
Thallium	205-1	0.88	0.91	0.86	0.88	2.35	ppb
Tin	118-1	1.92	1.74	1.74	1.80	5.70	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-04	Instrumnet Name :	P8
Client Sample ID :	MH1ET8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:36:27	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	155.48	154.25	165.61	158.45	3.93	ppb
Uranium	238-1	4.43	4.36	4.63	4.48	3.19	ppb
Vanadium	51-2	116.77	117.39	119.17	117.77	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	220.46	222.27	220.15	220.96	0.52	ppb
Zirconium	90-1	1.68	1.53	1.63	1.61	4.63	ppb
Zirconium	91-1	1.61	1.48	1.63	1.58	5.01	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-05	Instrumnet Name :	P8
Client Sample ID :	MH1ET9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:39:20	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25900.74	24750.62	24658.13	25103.16	2.76	ppb
Antimony	121-1	2.29	2.27	2.27	2.27	0.58	ppb
Arsenic	75-2	30.92	29.71	29.51	30.05	2.54	ppb
Barium	135-1	688.72	687.55	691.87	689.38	0.32	ppb
Barium	137-1	680.93	674.19	742.23	699.12	5.36	ppb
Beryllium	9-1	2.76	2.62	2.82	2.74	3.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	36.82	37.86	39.67	38.12	3.78	ppb
Boron	11-1	36.73	37.10	39.35	37.73	3.75	ppb
Bromine	81-1						cps
Cadmium	111-1	10.60	11.00	10.96	10.85	1.99	ppb
Cadmium	106-1	9.27	11.94	12.02	11.08	14.12	ppb
Cadmium	108-1	10.29	11.25	11.84	11.13	7.05	ppb
Calcium	43-1	109044.68	111302.33	116372.72	112239.91	3.34	ppb
Calcium	44-1	110263.82	114236.66	113966.65	112822.38	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.09	64.99	64.19	65.09	1.47	ppb
Cobalt	59-2	24.64	24.34	23.96	24.31	1.42	ppb
Copper	63-2	198.05	197.21	195.77	197.01	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	71798.25	71694.88	70812.30	71435.14	0.76	ppb
Iron	56-2	70947.00	73645.42	70929.51	71840.65	2.18	ppb
Iron	57-2	73944.75	71752.94	70587.88	72095.19	2.36	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-05	Instrumnet Name :	P8
Client Sample ID :	MH1ET9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:39:20	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	750.93	757.53	778.01	762.16	1.85	ppb
Lead	207-1	736.61	722.03	783.02	747.22	4.26	ppb
Lead	208-1	750.31	743.29	783.30	758.97	2.81	ppb
Lithium	6-1				111		%
Magnesium	24-2	16289.41	15796.84	15592.00	15892.75	2.26	ppb
Manganese	55-2	2678.42	2657.89	2632.23	2656.18	0.87	ppb
Molybdenum	94-1	7.89	8.09	8.50	8.16	3.78	ppb
Molybdenum	95-1	4.32	4.50	4.65	4.49	3.64	ppb
Molybdenum	96-1	5.09	5.62	5.29	5.33	5.03	ppb
Molybdenum	97-1	4.08	4.74	4.61	4.48	7.87	ppb
Molybdenum	98-1	4.34	4.51	4.38	4.41	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.15	68.44	67.61	68.40	1.13	ppb
Phosphorus	31-2	6499.47	6718.20	6337.22	6518.30	2.93	ppb
Potassium	39-2	10976.23	10818.62	10754.69	10849.85	1.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	2.63	3.08	4.12	3.28	23.16	ppb
Selenium	77-2	32.37	57.51	50.35	46.74	27.71	ppb
Selenium	78-2	10.38	11.44	11.35	11.06	5.32	ppb
Silicon	28-1	1337.49	1312.91	1375.31	1341.90	2.34	ppb
Silver	107-1	3.56	3.60	3.67	3.61	1.63	ppb
Silver	109-1	3.53	3.57	3.64	3.58	1.67	ppb
Sodium	23-2	435.95	435.08	429.64	433.56	0.79	ppb
Strontium	86-1	390.91	393.03	386.90	390.28	0.80	ppb
Strontium	88-1	380.31	392.18	382.40	384.96	1.64	ppb
Sulfur	34-1	314.85	429.08	1012.64	585.52	63.92	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.93	0.94	0.99	0.95	3.57	ppb
Thallium	205-1	0.93	0.89	0.95	0.92	2.95	ppb
Tin	118-1	15.60	15.60	16.52	15.91	3.34	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-05	Instrumnet Name :	P8
Client Sample ID :	MH1ET9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:39:20	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	269.38	268.03	276.54	271.32	1.68	ppb
Uranium	238-1	4.27	4.59	4.39	4.42	3.77	ppb
Vanadium	51-2	107.97	104.40	101.26	104.54	3.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	2295.63	2269.03	2225.18	2263.28	1.57	ppb
Zirconium	90-1	2.20	2.26	2.35	2.27	3.41	ppb
Zirconium	91-1	2.33	2.37	2.24	2.32	2.83	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-06	Instrumnet Name :	P8
Client Sample ID :	MH1EW0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:42:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24558.88	25099.93	25375.60	25011.47	1.66	ppb
Antimony	121-1	2.24	2.00	2.06	2.10	6.06	ppb
Arsenic	75-2	32.80	32.75	33.01	32.85	0.42	ppb
Barium	135-1	777.23	749.55	717.13	747.97	4.02	ppb
Barium	137-1	808.66	793.86	713.54	772.02	6.63	ppb
Beryllium	9-1	2.85	2.83	2.88	2.86	0.83	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	36.16	36.35	39.32	37.27	4.76	ppb
Boron	11-1	35.65	35.76	37.10	36.17	2.24	ppb
Bromine	81-1						cps
Cadmium	111-1	13.10	12.96	12.52	12.86	2.38	ppb
Cadmium	106-1	14.10	14.26	10.04	12.80	18.70	ppb
Cadmium	108-1	13.42	12.42	11.13	12.32	9.30	ppb
Calcium	43-1	110414.48	110495.26	110901.70	110603.81	0.24	ppb
Calcium	44-1	110172.63	111352.54	112855.78	111460.32	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.00	46.20	47.10	46.43	1.26	ppb
Cobalt	59-2	26.10	25.59	26.82	26.17	2.36	ppb
Copper	63-2	230.68	223.14	231.33	228.38	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	54-2	72404.10	71697.62	71648.12	71916.61	0.59	ppb
Iron	56-2	73248.44	70582.33	69704.38	71178.39	2.59	ppb
Iron	57-2	73086.85	71085.41	70699.84	71624.03	1.79	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-06	Instrumnet Name :	P8
Client Sample ID :	MH1EW0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:42:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	826.58	863.11	893.22	860.97	3.88	ppb
Lead	207-1	826.48	839.50	854.79	840.26	1.69	ppb
Lead	208-1	829.62	844.71	864.10	846.14	2.04	ppb
Lithium	6-1				106		%
Magnesium	24-2	14724.59	14646.88	14728.36	14699.94	0.31	ppb
Manganese	55-2	2637.56	2571.78	2596.44	2601.93	1.28	ppb
Molybdenum	94-1	8.09	8.11	7.66	7.95	3.15	ppb
Molybdenum	95-1	4.23	4.39	4.28	4.30	1.92	ppb
Molybdenum	96-1	5.07	5.27	5.20	5.18	1.96	ppb
Molybdenum	97-1	4.48	4.33	4.39	4.40	1.79	ppb
Molybdenum	98-1	4.39	4.27	4.27	4.31	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.92	75.82	77.52	76.08	1.73	ppb
Phosphorus	31-2	5158.30	5312.93	5600.33	5357.19	4.19	ppb
Potassium	39-2	9110.16	9153.58	9326.18	9196.64	1.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	2.78	3.42	3.79	3.33	15.28	ppb
Selenium	77-2	45.25	46.40	36.09	42.58	13.27	ppb
Selenium	78-2	10.04	9.91	11.86	10.60	10.26	ppb
Silicon	28-1	1718.45	1749.70	1845.27	1771.14	3.73	ppb
Silver	107-1	4.08	4.25	3.97	4.10	3.44	ppb
Silver	109-1	4.47	4.25	3.96	4.23	6.04	ppb
Sodium	23-2	458.59	465.01	467.95	463.85	1.03	ppb
Strontium	86-1	391.02	410.49	397.97	399.83	2.47	ppb
Strontium	88-1	385.64	401.25	401.34	396.08	2.28	ppb
Sulfur	34-1	330.54	297.12	631.45	419.70	43.87	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.98	0.98	0.95	5.36	ppb
Thallium	205-1	0.96	1.04	1.08	1.03	5.61	ppb
Tin	118-1	17.84	18.19	17.32	17.79	2.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-06	Instrumnet Name :	P8
Client Sample ID :	MH1EW0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:42:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	252.28	253.64	255.12	253.68	0.56	ppb
Uranium	238-1	5.13	5.45	5.18	5.25	3.25	ppb
Vanadium	51-2	104.66	104.08	106.46	105.06	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	2453.27	2456.05	2520.74	2476.69	1.54	ppb
Zirconium	90-1	2.26	2.19	2.26	2.24	1.78	ppb
Zirconium	91-1	2.18	2.04	2.28	2.17	5.42	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-07	Instrumnet Name :	P8
Client Sample ID :	MH1EW1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:45:08	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24119.26	24031.94	24323.55	24158.25	0.62	ppb
Antimony	121-1	2.45	2.57	2.84	2.62	7.51	ppb
Arsenic	75-2	32.24	33.08	34.71	33.34	3.77	ppb
Barium	135-1	783.75	807.27	842.34	811.12	3.63	ppb
Barium	137-1	824.23	812.27	869.78	835.43	3.63	ppb
Beryllium	9-1	2.95	2.79	3.21	2.98	7.11	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	36.44	34.72	39.54	36.90	6.62	ppb
Boron	11-1	35.56	34.99	39.23	36.59	6.28	ppb
Bromine	81-1						cps
Cadmium	111-1	15.15	15.38	15.86	15.46	2.33	ppb
Cadmium	106-1	15.39	14.10	15.69	15.06	5.61	ppb
Cadmium	108-1	14.82	14.02	17.90	15.58	13.18	ppb
Calcium	43-1	85939.97	84670.49	95185.60	88598.68	6.48	ppb
Calcium	44-1	85663.36	83846.49	95595.30	88368.38	7.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.22	34.00	34.56	34.26	0.82	ppb
Cobalt	59-2	25.65	25.84	26.03	25.84	0.73	ppb
Copper	63-2	282.90	285.54	287.42	285.29	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	67479.26	66899.40	69260.57	67879.75	1.81	ppb
Iron	56-2	66423.71	68394.81	68159.68	67659.40	1.59	ppb
Iron	57-2	66838.17	69509.71	68462.92	68270.26	1.97	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-07	Instrumnet Name :	P8
Client Sample ID :	MH1EW1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:45:08	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1004.71	978.61	1028.54	1003.95	2.49	ppb
Lead	207-1	983.28	981.80	1032.79	999.29	2.90	ppb
Lead	208-1	977.40	972.56	1030.02	993.33	3.21	ppb
Lithium	6-1				108		%
Magnesium	24-2	12157.86	12185.32	12308.01	12217.06	0.65	ppb
Manganese	55-2	3004.21	3054.02	3078.70	3045.64	1.25	ppb
Molybdenum	94-1	7.98	8.04	9.43	8.48	9.69	ppb
Molybdenum	95-1	3.58	3.65	4.05	3.76	6.71	ppb
Molybdenum	96-1	4.68	4.61	5.07	4.79	5.14	ppb
Molybdenum	97-1	3.93	3.77	4.34	4.02	7.37	ppb
Molybdenum	98-1	3.57	3.71	3.93	3.74	4.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.71	73.02	75.45	74.06	1.68	ppb
Phosphorus	31-2	5467.96	5279.12	5309.54	5352.21	1.89	ppb
Potassium	39-2	7050.40	7016.67	7055.00	7040.69	0.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	2.80	1.86	3.58	2.75	31.26	ppb
Selenium	77-2	54.82	52.99	38.59	48.80	18.21	ppb
Selenium	78-2	8.43	9.16	10.62	9.40	11.90	ppb
Silicon	28-1	1261.91	1228.33	1442.16	1310.80	8.77	ppb
Silver	107-1	5.39	5.54	5.69	5.54	2.71	ppb
Silver	109-1	5.67	5.76	6.01	5.81	3.02	ppb
Sodium	23-2	600.47	607.33	609.48	605.76	0.78	ppb
Strontium	86-1	403.39	412.55	439.00	418.31	4.42	ppb
Strontium	88-1	396.92	389.20	438.64	408.26	6.52	ppb
Sulfur	34-1	24.59	-141.94	1162.89	348.51	203.77	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.10	1.04	1.21	1.11	7.63	ppb
Thallium	205-1	1.10	1.00	1.12	1.07	5.78	ppb
Tin	118-1	26.56	26.93	28.17	27.22	3.09	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-07	Instrumnet Name :	P8
Client Sample ID :	MH1EW1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:45:08	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	250.74	257.88	278.77	262.47	5.55	ppb
Uranium	238-1	5.07	5.11	5.46	5.21	4.19	ppb
Vanadium	51-2	89.33	91.45	91.11	90.63	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	3011.82	2985.93	3042.95	3013.56	0.95	ppb
Zirconium	90-1	2.80	2.84	3.16	2.94	6.76	ppb
Zirconium	91-1	2.76	2.77	2.83	2.79	1.52	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-08	Instrumnet Name :	P8
Client Sample ID :	MH1EW2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:48:03	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25586.35	25672.55	25739.62	25666.17	0.30	ppb
Antimony	121-1	2.46	2.46	2.44	2.45	0.53	ppb
Arsenic	75-2	33.70	33.02	35.63	34.11	3.97	ppb
Barium	135-1	706.97	693.46	675.87	692.10	2.25	ppb
Barium	137-1	737.28	729.02	701.92	722.74	2.56	ppb
Beryllium	9-1	3.08	3.01	2.89	2.99	3.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	33.15	35.24	34.64	34.35	3.13	ppb
Boron	11-1	33.67	34.57	35.25	34.50	2.30	ppb
Bromine	81-1						cps
Cadmium	111-1	13.82	14.35	13.73	13.97	2.38	ppb
Cadmium	106-1	13.16	15.10	12.51	13.59	9.92	ppb
Cadmium	108-1	13.44	12.41	12.31	12.72	4.91	ppb
Calcium	43-1	84377.18	86213.72	88508.47	86366.46	2.40	ppb
Calcium	44-1	85739.12	88690.43	87985.99	87471.85	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.24	32.25	31.91	32.47	2.12	ppb
Cobalt	59-2	26.00	25.49	25.84	25.78	1.02	ppb
Copper	63-2	274.37	269.29	268.92	270.86	1.12	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				108		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	54-2	67419.15	64795.04	64873.25	65695.81	2.27	ppb
Iron	56-2	65748.83	64720.13	65080.94	65183.30	0.80	ppb
Iron	57-2	68168.34	64999.17	66722.40	66629.97	2.38	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-08	Instrumnet Name :	P8
Client Sample ID :	MH1EW2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:48:03	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	850.21	831.58	843.05	841.61	1.12	ppb
Lead	207-1	837.53	811.67	843.15	830.78	2.02	ppb
Lead	208-1	839.27	819.96	840.80	833.34	1.39	ppb
Lithium	6-1				109		%
Magnesium	24-2	12786.54	12428.43	12407.71	12540.89	1.70	ppb
Manganese	55-2	2675.77	2636.29	2616.21	2642.76	1.15	ppb
Molybdenum	94-1	7.69	8.09	7.71	7.83	2.90	ppb
Molybdenum	95-1	3.80	3.89	3.69	3.79	2.64	ppb
Molybdenum	96-1	4.81	4.73	4.48	4.67	3.69	ppb
Molybdenum	97-1	3.95	3.79	3.45	3.73	6.87	ppb
Molybdenum	98-1	3.65	3.63	3.41	3.57	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.13	69.88	69.32	70.11	1.32	ppb
Phosphorus	31-2	4757.70	4723.43	5022.33	4834.49	3.38	ppb
Potassium	39-2	6990.31	6853.37	6819.04	6887.57	1.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	2.29	2.79	3.42	2.83	20.05	ppb
Selenium	77-2	47.66	48.21	56.09	50.65	9.31	ppb
Selenium	78-2	7.87	8.69	10.63	9.07	15.63	ppb
Silicon	28-1	1230.51	1431.90	1427.69	1363.37	8.44	ppb
Silver	107-1	5.09	5.25	4.95	5.10	2.94	ppb
Silver	109-1	5.14	5.45	5.20	5.26	3.21	ppb
Sodium	23-2	747.30	726.36	727.64	733.77	1.60	ppb
Strontium	86-1	391.64	402.53	376.01	390.06	3.42	ppb
Strontium	88-1	379.71	390.85	374.71	381.76	2.16	ppb
Sulfur	34-1	-636.07	-212.82	324.49	-174.80		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.96	1.10	1.00	8.39	ppb
Thallium	205-1	0.99	1.05	1.07	1.04	3.94	ppb
Tin	118-1	28.24	28.78	28.05	28.35	1.33	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-08	Instrumnet Name :	P8
Client Sample ID :	MH1EW2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:48:03	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	219.18	217.37	243.03	226.53	6.32	ppb
Uranium	238-1	5.37	5.41	5.92	5.57	5.51	ppb
Vanadium	51-2	97.26	95.92	94.64	95.94	1.37	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	2146.54	2088.48	2067.82	2100.95	1.94	ppb
Zirconium	90-1	2.66	2.53	2.63	2.61	2.60	ppb
Zirconium	91-1	2.69	2.62	2.49	2.60	3.83	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-09	Instrumnet Name :	P8
Client Sample ID :	MH1EW3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:50:56	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27068.79	26852.01	27087.36	27002.72	0.48	ppb
Antimony	121-1	2.66	2.66	2.76	2.69	2.19	ppb
Arsenic	75-2	26.46	25.91	26.71	26.36	1.56	ppb
Barium	135-1	727.17	684.08	718.08	709.78	3.20	ppb
Barium	137-1	729.21	699.51	727.66	718.80	2.33	ppb
Beryllium	9-1	3.89	3.88	3.91	3.89	0.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	51.79	55.53	55.26	54.19	3.85	ppb
Boron	11-1	52.70	55.27	57.48	55.15	4.33	ppb
Bromine	81-1						cps
Cadmium	111-1	9.96	9.26	10.18	9.80	4.90	ppb
Cadmium	106-1	12.58	10.30	11.19	11.36	10.14	ppb
Cadmium	108-1	10.48	10.00	10.19	10.22	2.34	ppb
Calcium	43-1	169083.30	165728.22	166448.86	167086.80	1.06	ppb
Calcium	44-1	168801.10	165522.45	165594.94	166639.50	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.81	106.51	110.63	108.65	1.90	ppb
Cobalt	59-2	22.68	22.52	22.52	22.57	0.40	ppb
Copper	63-2	209.08	206.87	210.96	208.97	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	54-2	68472.41	67912.58	68168.59	68184.53	0.41	ppb
Iron	56-2	66137.58	66413.81	67435.77	66662.39	1.03	ppb
Iron	57-2	68862.79	67173.91	68555.55	68197.42	1.32	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-09	Instrumnet Name :	P8
Client Sample ID :	MH1EW3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:50:56	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	813.98	770.56	875.62	820.05	6.44	ppb
Lead	207-1	830.48	772.60	819.56	807.55	3.81	ppb
Lead	208-1	821.91	777.42	824.11	807.81	3.26	ppb
Lithium	6-1				108		%
Magnesium	24-2	18589.38	18110.03	18400.68	18366.70	1.31	ppb
Manganese	55-2	3707.00	3679.24	3745.00	3710.41	0.89	ppb
Molybdenum	94-1	10.22	9.91	9.84	9.99	2.01	ppb
Molybdenum	95-1	6.73	6.74	6.49	6.65	2.13	ppb
Molybdenum	96-1	7.28	7.52	7.50	7.43	1.76	ppb
Molybdenum	97-1	6.79	6.98	6.59	6.79	2.89	ppb
Molybdenum	98-1	6.72	6.70	6.76	6.73	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.48	83.25	85.69	84.81	1.59	ppb
Phosphorus	31-2	4719.01	4670.10	4682.12	4690.41	0.54	ppb
Potassium	39-2	8158.17	7986.07	8317.92	8154.05	2.04	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	3.02	3.56	3.36	3.31	8.12	ppb
Selenium	77-2	39.04	42.56	37.42	39.67	6.63	ppb
Selenium	78-2	9.52	8.10	10.25	9.29	11.74	ppb
Silicon	28-1	3818.49	3769.23	3762.70	3783.48	0.81	ppb
Silver	107-1	3.42	3.27	3.18	3.29	3.70	ppb
Silver	109-1	3.40	3.41	3.34	3.38	1.25	ppb
Sodium	23-2	849.63	807.00	826.18	827.60	2.58	ppb
Strontium	86-1	577.16	585.60	563.35	575.37	1.95	ppb
Strontium	88-1	561.19	572.21	566.90	566.76	0.97	ppb
Sulfur	34-1	1996.81	1412.23	1696.38	1701.81	17.18	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.81	0.76	0.86	0.81	5.98	ppb
Thallium	205-1	0.79	0.72	0.88	0.80	9.78	ppb
Tin	118-1	17.37	17.21	17.01	17.20	1.03	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-09	Instrumnet Name :	P8
Client Sample ID :	MH1EW3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:50:56	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	366.94	354.26	364.50	361.90	1.86	ppb
Uranium	238-1	6.03	5.78	6.10	5.97	2.84	ppb
Vanadium	51-2	103.59	102.42	104.04	103.35	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	2117.59	2085.14	2155.42	2119.38	1.66	ppb
Zirconium	90-1	2.37	2.27	2.32	2.32	2.01	ppb
Zirconium	91-1	2.30	2.36	2.39	2.35	1.88	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-10	Instrumnet Name :	P8
Client Sample ID :	MH1EW4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:53:51	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22823.77	22730.47	22984.73	22846.32	0.56	ppb
Antimony	121-1	2.15	2.36	2.37	2.29	5.39	ppb
Arsenic	75-2	35.73	36.78	36.19	36.23	1.46	ppb
Barium	135-1	658.35	678.92	699.16	678.81	3.01	ppb
Barium	137-1	679.14	686.21	705.49	690.28	1.98	ppb
Beryllium	9-1	3.06	2.98	2.86	2.97	3.51	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	30.44	33.44	33.88	32.58	5.75	ppb
Boron	11-1	31.31	33.10	33.02	32.47	3.11	ppb
Bromine	81-1						cps
Cadmium	111-1	15.07	15.09	15.56	15.24	1.81	ppb
Cadmium	106-1	11.89	14.35	16.20	14.15	15.28	ppb
Cadmium	108-1	13.63	14.85	15.19	14.56	5.63	ppb
Calcium	43-1	102682.27	98935.15	104565.28	102060.90	2.81	ppb
Calcium	44-1	103078.28	103803.91	104954.82	103945.67	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.95	40.20	40.53	40.56	0.93	ppb
Cobalt	59-2	24.66	24.66	24.73	24.68	0.16	ppb
Copper	63-2	287.73	284.54	286.48	286.25	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				108		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	54-2	69931.86	68661.18	69059.90	69217.65	0.94	ppb
Iron	56-2	68691.03	67252.96	69531.41	68491.80	1.68	ppb
Iron	57-2	70655.27	69350.01	69007.77	69671.01	1.25	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-10	Instrumnet Name :	P8
Client Sample ID :	MH1EW4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:53:51	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1006.72	1038.86	1052.78	1032.79	2.29	ppb
Lead	207-1	1003.04	975.56	1005.91	994.84	1.68	ppb
Lead	208-1	999.43	1004.84	1017.29	1007.19	0.91	ppb
Lithium	6-1				112		%
Magnesium	24-2	13039.68	12899.38	13463.57	13134.21	2.24	ppb
Manganese	55-2	3108.86	3117.15	3170.86	3132.29	1.07	ppb
Molybdenum	94-1	7.55	7.86	7.84	7.75	2.27	ppb
Molybdenum	95-1	4.06	4.20	4.27	4.18	2.52	ppb
Molybdenum	96-1	4.84	4.83	5.15	4.94	3.75	ppb
Molybdenum	97-1	3.86	4.11	4.04	4.00	3.24	ppb
Molybdenum	98-1	3.78	4.09	3.98	3.95	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.14	80.39	80.77	80.44	0.40	ppb
Phosphorus	31-2	4806.37	4487.07	4356.26	4549.90	5.09	ppb
Potassium	39-2	6969.14	6820.73	7003.97	6931.28	1.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	2.86	3.05	2.48	2.80	10.31	ppb
Selenium	77-2	46.04	46.11	41.34	44.50	6.15	ppb
Selenium	78-2	8.54	8.72	10.59	9.28	12.25	ppb
Silicon	28-1	1431.15	1437.55	1479.73	1449.48	1.82	ppb
Silver	107-1	5.34	5.41	5.28	5.34	1.27	ppb
Silver	109-1	5.48	5.47	5.65	5.53	1.75	ppb
Sodium	23-2	452.04	448.25	464.55	454.94	1.87	ppb
Strontium	86-1	348.54	360.01	376.18	361.58	3.84	ppb
Strontium	88-1	354.48	366.11	374.38	364.99	2.74	ppb
Sulfur	34-1	-303.53	-274.34	167.87	-136.67		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.93	1.03	1.03	1.00	5.95	ppb
Thallium	205-1	1.01	0.99	1.07	1.02	3.87	ppb
Tin	118-1	21.51	21.82	21.29	21.54	1.22	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-10	Instrumnet Name :	P8
Client Sample ID :	MH1EW4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:53:51	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	247.32	247.14	248.50	247.65	0.30	ppb
Uranium	238-1	5.23	5.14	5.29	5.22	1.45	ppb
Vanadium	51-2	91.61	91.68	92.35	91.88	0.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	2559.54	2597.45	2608.70	2588.56	1.00	ppb
Zirconium	90-1	2.39	2.40	2.37	2.39	0.74	ppb
Zirconium	91-1	2.39	2.40	2.50	2.43	2.38	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-11	Instrumnet Name :	P8
Client Sample ID :	MH1EW5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:56:44	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23501.64	23664.84	23994.22	23720.23	1.06	ppb
Antimony	121-1	1.66	1.71	1.75	1.70	2.70	ppb
Arsenic	75-2	26.76	27.65	28.11	27.51	2.49	ppb
Barium	135-1	546.97	538.50	530.53	538.67	1.53	ppb
Barium	137-1	552.43	538.60	524.97	538.67	2.55	ppb
Beryllium	9-1	2.32	2.38	2.45	2.38	2.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	23.65	24.59	25.81	24.68	4.39	ppb
Boron	11-1	22.51	24.63	25.97	24.37	7.15	ppb
Bromine	81-1						cps
Cadmium	111-1	7.75	7.75	8.04	7.84	2.12	ppb
Cadmium	106-1	9.20	6.81	7.33	7.78	16.17	ppb
Cadmium	108-1	7.84	7.01	7.59	7.48	5.68	ppb
Calcium	43-1	76368.42	75929.19	76210.33	76169.31	0.29	ppb
Calcium	44-1	77547.24	73985.03	75399.93	75644.07	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28.36	29.03	29.74	29.04	2.38	ppb
Cobalt	59-2	21.91	22.61	23.46	22.66	3.44	ppb
Copper	63-2	162.98	167.21	169.97	166.72	2.11	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				106		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	51857.97	53746.95	55237.92	53614.28	3.16	ppb
Iron	56-2	51492.36	51789.17	54802.40	52694.64	3.48	ppb
Iron	57-2	52838.70	54477.12	55462.91	54259.58	2.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-11	Instrumnet Name :	P8
Client Sample ID :	MH1EW5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:56:44	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	386.38	365.55	388.40	380.11	3.33	ppb
Lead	207-1	402.72	365.18	379.60	382.50	4.95	ppb
Lead	208-1	409.95	380.81	401.14	397.30	3.76	ppb
Lithium	6-1				111		%
Magnesium	24-2	11766.30	11868.79	12762.90	12132.66	4.52	ppb
Manganese	55-2	1663.42	1725.42	1784.62	1724.49	3.51	ppb
Molybdenum	94-1	6.42	6.42	6.02	6.29	3.64	ppb
Molybdenum	95-1	3.82	4.01	4.05	3.96	3.07	ppb
Molybdenum	96-1	4.52	4.58	4.59	4.56	0.88	ppb
Molybdenum	97-1	3.90	4.19	3.81	3.97	5.10	ppb
Molybdenum	98-1	3.97	3.91	3.90	3.93	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.38	57.87	62.48	59.58	4.24	ppb
Phosphorus	31-2	4128.33	4097.44	4223.94	4149.90	1.59	ppb
Potassium	39-2	6854.39	7200.65	7364.11	7139.72	3.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	82-1	1.95	2.82	3.73	2.83	31.55	ppb
Selenium	77-2	50.81	51.84	62.90	55.18	12.15	ppb
Selenium	78-2	9.31	8.83	10.08	9.41	6.68	ppb
Silicon	28-1	1085.40	954.37	1072.52	1037.43	6.96	ppb
Silver	107-1	2.51	2.41	2.45	2.46	2.08	ppb
Silver	109-1	2.59	2.46	2.54	2.53	2.46	ppb
Sodium	23-2	347.38	359.58	381.97	362.98	4.83	ppb
Strontium	86-1	263.85	257.43	267.12	262.80	1.88	ppb
Strontium	88-1	263.55	257.42	264.36	261.77	1.45	ppb
Sulfur	34-1	233.21	-536.76	-7.10	-103.55		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.94	0.91	0.96	0.94	2.71	ppb
Thallium	205-1	0.98	0.94	1.02	0.98	3.65	ppb
Tin	118-1	10.83	10.73	10.91	10.82	0.81	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-11	Instrumnet Name :	P8
Client Sample ID :	MH1EW5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:56:44	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	176.98	166.58	176.85	173.47	3.44	ppb
Uranium	238-1	4.20	4.14	4.48	4.27	4.29	ppb
Vanadium	51-2	89.05	90.90	94.99	91.65	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	1045.20	1069.09	1104.21	1072.83	2.77	ppb
Zirconium	90-1	1.61	1.59	1.56	1.59	1.80	ppb
Zirconium	91-1	1.48	1.56	1.57	1.54	3.11	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-12	Instrumnet Name :	P8
Client Sample ID :	MH1EW6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:59:40	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22215.27	22298.78	23307.81	22607.29	2.69	ppb
Antimony	121-1	1.10	1.17	1.32	1.20	9.30	ppb
Arsenic	75-2	24.28	24.07	25.38	24.58	2.86	ppb
Barium	135-1	545.90	517.15	572.83	545.29	5.11	ppb
Barium	137-1	565.03	529.66	589.85	561.51	5.39	ppb
Beryllium	9-1	2.01	1.98	2.10	2.03	3.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	22.65	23.32	24.42	23.46	3.82	ppb
Boron	11-1	23.19	22.78	23.87	23.28	2.38	ppb
Bromine	81-1						cps
Cadmium	111-1	3.32	3.28	3.66	3.42	6.16	ppb
Cadmium	106-1	4.84	1.73	5.47	4.01	49.79	ppb
Cadmium	108-1	3.15	3.08	3.18	3.14	1.79	ppb
Calcium	43-1	138399.74	141757.17	141542.00	140566.30	1.34	ppb
Calcium	44-1	139113.66	142387.58	143792.68	141764.64	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.32	24.94	26.53	25.59	3.23	ppb
Cobalt	59-2	18.76	18.78	19.70	19.08	2.80	ppb
Copper	63-2	79.77	80.29	83.96	81.34	2.80	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				108		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	41499.01	41664.08	43247.68	42136.92	2.29	ppb
Iron	56-2	40247.87	41413.09	43917.77	41859.58	4.48	ppb
Iron	57-2	41299.08	42019.76	43685.17	42334.67	2.89	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-12	Instrumnet Name :	P8
Client Sample ID :	MH1EW6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:59:40	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	119.34	122.00	133.87	125.07	6.19	ppb
Lead	207-1	118.25	122.34	130.05	123.55	4.85	ppb
Lead	208-1	119.72	122.17	128.94	123.61	3.86	ppb
Lithium	6-1				111		%
Magnesium	24-2	12603.55	12287.72	13074.95	12655.41	3.13	ppb
Manganese	55-2	976.35	972.06	1021.35	989.92	2.76	ppb
Molybdenum	94-1	5.95	5.80	5.95	5.90	1.46	ppb
Molybdenum	95-1	3.60	3.74	3.94	3.76	4.58	ppb
Molybdenum	96-1	4.32	4.27	4.24	4.28	0.91	ppb
Molybdenum	97-1	3.85	3.71	3.95	3.84	3.09	ppb
Molybdenum	98-1	3.73	3.72	3.81	3.75	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.13	56.64	60.91	58.56	3.71	ppb
Phosphorus	31-2	3362.39	3223.33	3442.69	3342.80	3.32	ppb
Potassium	39-2	5508.89	5543.85	5870.97	5641.24	3.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	3.62	2.79	2.69	3.03	16.76	ppb
Selenium	77-2	36.41	53.56	46.85	45.61	18.95	ppb
Selenium	78-2	8.51	8.23	8.91	8.55	4.00	ppb
Silicon	28-1	941.31	952.73	935.91	943.32	0.91	ppb
Silver	107-1	1.03	0.98	0.96	0.99	3.89	ppb
Silver	109-1	0.97	0.97	1.03	0.99	3.06	ppb
Sodium	23-2	338.74	334.83	360.68	344.75	4.04	ppb
Strontium	86-1	276.09	280.12	291.81	282.67	2.89	ppb
Strontium	88-1	272.55	270.78	279.26	274.20	1.63	ppb
Sulfur	34-1	77.75	173.85	98.10	116.57	43.44	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.78	0.73	0.78	0.76	4.20	ppb
Thallium	205-1	0.72	0.77	0.80	0.76	5.08	ppb
Tin	118-1	3.12	2.87	3.25	3.08	6.24	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-12	Instrumnet Name :	P8
Client Sample ID :	MH1EW6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:59:40	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	132.42	130.48	132.15	131.68	0.80	ppb
Uranium	238-1	4.13	4.22	4.50	4.28	4.55	ppb
Vanadium	51-2	93.48	93.06	99.03	95.19	3.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	370.46	368.84	384.07	374.46	2.23	ppb
Zirconium	90-1	1.43	1.44	1.49	1.46	2.32	ppb
Zirconium	91-1	1.36	1.55	1.49	1.47	6.43	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-13	Instrumnet Name :	P8
Client Sample ID :	MH1EW7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:02:35	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19689.29	18559.67	18891.20	19046.72	3.05	ppb
Antimony	121-1	2.25	2.16	2.15	2.18	2.46	ppb
Arsenic	75-2	25.17	24.77	24.81	24.92	0.88	ppb
Barium	135-1	618.49	583.23	577.03	592.92	3.77	ppb
Barium	137-1	622.54	583.65	598.82	601.67	3.26	ppb
Beryllium	9-1	2.46	2.28	2.30	2.35	4.22	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	26.23	26.69	28.50	27.14	4.42	ppb
Boron	11-1	27.30	27.49	29.30	28.03	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	10.88	10.44	10.40	10.57	2.51	ppb
Cadmium	106-1	10.43	10.79	9.99	10.40	3.84	ppb
Cadmium	108-1	10.76	9.57	8.78	9.70	10.29	ppb
Calcium	43-1	81740.60	79958.62	77336.34	79678.52	2.78	ppb
Calcium	44-1	81860.09	79285.27	76079.88	79075.08	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70.98	67.74	68.74	69.15	2.40	ppb
Cobalt	59-2	21.90	21.23	21.87	21.67	1.74	ppb
Copper	63-2	232.11	224.44	224.58	227.04	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				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	61909.04	59242.05	59452.44	60201.17	2.46	ppb
Iron	56-2	62867.64	58454.73	58732.15	60018.17	4.12	ppb
Iron	57-2	62504.21	60912.43	59204.85	60873.83	2.71	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-13	Instrumnet Name :	P8
Client Sample ID :	MH1EW7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:02:35	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	857.38	799.92	740.04	799.11	7.34	ppb
Lead	207-1	856.67	785.83	737.10	793.20	7.58	ppb
Lead	208-1	851.31	792.02	742.90	795.41	6.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	12669.70	12110.63	12242.48	12340.94	2.37	ppb
Manganese	55-2	2639.46	2524.76	2536.41	2566.88	2.46	ppb
Molybdenum	94-1	8.32	7.11	6.76	7.40	11.05	ppb
Molybdenum	95-1	4.34	4.45	3.76	4.18	8.93	ppb
Molybdenum	96-1	5.19	4.84	4.47	4.83	7.44	ppb
Molybdenum	97-1	4.31	4.29	3.83	4.14	6.59	ppb
Molybdenum	98-1	4.40	3.99	3.87	4.09	6.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.08	57.04	58.75	58.62	2.60	ppb
Phosphorus	31-2	4689.46	4641.96	4775.15	4702.19	1.44	ppb
Potassium	39-2	6224.99	5934.82	6015.61	6058.47	2.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	82-1	4.54	4.58	3.46	4.19	15.15	ppb
Selenium	77-2	48.90	36.88	51.28	45.68	16.90	ppb
Selenium	78-2	11.79	7.22	9.70	9.57	23.94	ppb
Silicon	28-1	1326.07	1329.46	1204.35	1286.63	5.54	ppb
Silver	107-1	5.80	5.17	5.22	5.40	6.51	ppb
Silver	109-1	5.72	5.39	5.17	5.43	5.14	ppb
Sodium	23-2	502.87	470.41	481.20	484.82	3.41	ppb
Strontium	86-1	356.07	337.95	309.12	334.38	7.08	ppb
Strontium	88-1	355.99	325.21	316.12	332.44	6.29	ppb
Sulfur	34-1	1482.53	1327.30	332.91	1047.58	59.54	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.70	0.73	0.64	0.69	7.01	ppb
Thallium	205-1	0.74	0.70	0.65	0.70	6.75	ppb
Tin	118-1	18.23	17.75	17.27	17.75	2.70	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-13	Instrumnet Name :	P8
Client Sample ID :	MH1EW7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:02:35	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	238.16	226.85	214.97	226.66	5.12	ppb
Uranium	238-1	4.85	4.86	4.46	4.72	4.82	ppb
Vanadium	51-2	84.26	80.14	82.13	82.18	2.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	2643.52	2494.97	2547.95	2562.15	2.94	ppb
Zirconium	90-1	2.19	2.05	1.97	2.07	5.30	ppb
Zirconium	91-1	2.17	2.18	1.92	2.09	6.98	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-14	Instrumnet Name :	P8
Client Sample ID :	MH1EW8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:05:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19195.10	19173.31	19204.28	19190.90	0.08	ppb
Antimony	121-1	2.38	2.23	2.12	2.24	5.67	ppb
Arsenic	75-2	31.30	31.68	31.77	31.58	0.79	ppb
Barium	135-1	730.92	683.77	644.44	686.38	6.31	ppb
Barium	137-1	724.68	719.05	675.33	706.35	3.82	ppb
Beryllium	9-1	2.79	2.60	2.43	2.61	6.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	23.96	21.12	22.24	22.44	6.37	ppb
Boron	11-1	22.72	21.91	21.43	22.02	2.97	ppb
Bromine	81-1						cps
Cadmium	111-1	15.03	14.44	13.37	14.28	5.89	ppb
Cadmium	106-1	15.80	13.79	11.87	13.82	14.24	ppb
Cadmium	108-1	15.83	13.40	12.37	13.87	12.82	ppb
Calcium	43-1	105426.29	104037.63	95669.51	101711.14	5.19	ppb
Calcium	44-1	107112.51	101156.50	97443.53	101904.18	4.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.30	39.93	39.96	39.73	0.94	ppb
Cobalt	59-2	22.39	22.88	22.44	22.57	1.19	ppb
Copper	63-2	286.23	282.91	281.38	283.51	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	57209.69	57440.74	57591.70	57414.04	0.34	ppb
Iron	56-2	56146.38	56938.52	57217.03	56767.31	0.98	ppb
Iron	57-2	57413.81	58833.03	57229.00	57825.28	1.52	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-14	Instrumnet Name :	P8
Client Sample ID :	MH1EW8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:05:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1111.89	1097.23	998.39	1069.17	5.77	ppb
Lead	207-1	1107.92	1098.63	988.94	1065.16	6.21	ppb
Lead	208-1	1106.79	1082.50	1002.46	1063.92	5.13	ppb
Lithium	6-1				107		%
Magnesium	24-2	11121.20	11228.05	11176.88	11175.38	0.48	ppb
Manganese	55-2	2681.47	2619.06	2639.77	2646.77	1.20	ppb
Molybdenum	94-1	7.40	7.00	6.95	7.12	3.46	ppb
Molybdenum	95-1	4.18	3.90	3.60	3.89	7.51	ppb
Molybdenum	96-1	4.80	4.55	4.36	4.57	4.73	ppb
Molybdenum	97-1	3.99	3.80	3.67	3.82	4.18	ppb
Molybdenum	98-1	3.98	4.00	3.70	3.89	4.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.43	65.84	66.64	66.30	0.62	ppb
Phosphorus	31-2	3765.68	3813.15	3809.59	3796.14	0.70	ppb
Potassium	39-2	5090.96	5093.65	5052.29	5078.97	0.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	3.68	3.17	3.71	3.52	8.56	ppb
Selenium	77-2	44.53	29.34	44.11	39.33	22.00	ppb
Selenium	78-2	9.40	9.75	7.40	8.85	14.30	ppb
Silicon	28-1	1520.92	1453.52	1296.00	1423.48	8.11	ppb
Silver	107-1	7.20	6.94	6.37	6.84	6.20	ppb
Silver	109-1	7.18	6.80	6.47	6.82	5.23	ppb
Sodium	23-2	411.62	423.57	420.50	418.56	1.48	ppb
Strontium	86-1	371.80	357.32	340.28	356.47	4.43	ppb
Strontium	88-1	368.03	357.04	340.48	355.19	3.90	ppb
Sulfur	34-1	1845.88	1293.27	526.14	1221.76	54.25	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.01	1.03	0.95	1.00	3.78	ppb
Thallium	205-1	1.03	1.00	0.95	0.99	4.42	ppb
Tin	118-1	22.89	20.91	19.98	21.26	6.99	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-14	Instrumnet Name :	P8
Client Sample ID :	MH1EW8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:05:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	229.86	220.23	209.62	219.90	4.60	ppb
Uranium	238-1	5.13	4.90	4.54	4.86	6.17	ppb
Vanadium	51-2	83.54	85.46	85.57	84.86	1.35	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	2444.59	2484.65	2481.09	2470.11	0.90	ppb
Zirconium	90-1	2.18	2.05	1.94	2.05	5.99	ppb
Zirconium	91-1	2.22	2.01	1.92	2.05	7.62	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-15	Instrumnet Name :	P8
Client Sample ID :	MH1EW9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:08:24	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27906.96	27932.85	28825.57	28221.79	1.85	ppb
Antimony	121-1	2.09	2.13	2.04	2.09	2.08	ppb
Arsenic	75-2	46.43	46.22	45.19	45.94	1.44	ppb
Barium	135-1	798.60	813.61	771.77	794.66	2.67	ppb
Barium	137-1	818.60	828.57	805.05	817.41	1.44	ppb
Beryllium	9-1	2.92	2.82	2.97	2.90	2.59	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	17.16	18.46	18.39	18.00	4.05	ppb
Boron	11-1	17.93	18.16	19.13	18.41	3.46	ppb
Bromine	81-1						cps
Cadmium	111-1	13.18	12.90	12.41	12.83	3.02	ppb
Cadmium	106-1	12.59	14.04	10.82	12.48	12.92	ppb
Cadmium	108-1	11.21	11.34	11.79	11.45	2.67	ppb
Calcium	43-1	121836.67	123625.18	121623.00	122361.62	0.90	ppb
Calcium	44-1	118667.72	121912.81	122482.36	121020.96	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.93	38.46	37.79	38.06	0.94	ppb
Cobalt	59-2	27.75	28.00	27.84	27.86	0.44	ppb
Copper	63-2	256.20	254.00	251.13	253.78	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	65635.21	66453.66	66384.68	66157.85	0.69	ppb
Iron	56-2	67508.26	66728.98	66271.83	66836.36	0.94	ppb
Iron	57-2	69698.54	68087.74	67098.50	68294.93	1.92	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-15	Instrumnet Name :	P8
Client Sample ID :	MH1EW9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:08:24	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	862.16	852.89	829.30	848.12	2.00	ppb
Lead	207-1	839.57	850.34	834.40	841.44	0.97	ppb
Lead	208-1	843.14	857.32	838.06	846.17	1.18	ppb
Lithium	6-1				111		%
Magnesium	24-2	14290.04	14263.87	14229.80	14261.24	0.21	ppb
Manganese	55-2	2410.87	2420.74	2410.48	2414.03	0.24	ppb
Molybdenum	94-1	8.25	8.40	8.07	8.24	1.99	ppb
Molybdenum	95-1	4.79	4.86	4.82	4.82	0.70	ppb
Molybdenum	96-1	5.46	5.45	5.26	5.39	2.14	ppb
Molybdenum	97-1	4.63	4.64	4.35	4.54	3.64	ppb
Molybdenum	98-1	4.53	4.54	4.67	4.58	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.89	93.09	91.47	92.15	0.91	ppb
Phosphorus	31-2	3760.61	3899.69	3945.22	3868.51	2.49	ppb
Potassium	39-2	7191.55	7384.03	7196.60	7257.39	1.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	2.90	3.50	2.77	3.05	12.68	ppb
Selenium	77-2	51.37	52.72	55.09	53.06	3.54	ppb
Selenium	78-2	9.86	11.11	10.30	10.42	6.09	ppb
Silicon	28-1	1165.08	1171.60	1151.83	1162.84	0.87	ppb
Silver	107-1	4.79	4.79	4.63	4.74	1.96	ppb
Silver	109-1	4.96	4.66	4.97	4.87	3.62	ppb
Sodium	23-2	485.39	499.48	488.70	491.19	1.50	ppb
Strontium	86-1	369.57	363.89	365.07	366.18	0.82	ppb
Strontium	88-1	357.46	365.15	355.39	359.33	1.43	ppb
Sulfur	34-1	417.89	139.45	378.77	312.04	48.31	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	1.20	1.26	1.25	1.24	2.85	ppb
Thallium	205-1	1.23	1.24	1.27	1.25	1.61	ppb
Tin	118-1	14.82	14.93	15.24	15.00	1.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-15	Instrumnet Name :	P8
Client Sample ID :	MH1EW9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:08:24	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	208.59	210.64	213.62	210.95	1.20	ppb
Uranium	238-1	4.78	5.07	4.80	4.88	3.40	ppb
Vanadium	51-2	111.50	113.56	110.74	111.93	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	1680.29	1699.48	1686.96	1688.91	0.58	ppb
Zirconium	90-1	2.30	2.35	2.34	2.33	1.12	ppb
Zirconium	91-1	2.41	2.32	2.20	2.31	4.49	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-16	Instrumnet Name :	P8
Client Sample ID :	MH1EX0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:11:19	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29557.14	29871.63	29352.88	29593.88	0.88	ppb
Antimony	121-1	1.42	1.27	1.43	1.37	6.42	ppb
Arsenic	75-2	37.65	36.44	35.98	36.69	2.36	ppb
Barium	135-1	658.21	570.88	667.44	632.18	8.43	ppb
Barium	137-1	675.84	592.45	699.99	656.09	8.60	ppb
Beryllium	9-1	2.62	2.42	2.55	2.53	3.98	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	10-1	14.77	13.18	14.40	14.11	5.88	ppb
Boron	11-1	14.34	13.79	15.38	14.50	5.58	ppb
Bromine	81-1						cps
Cadmium	111-1	5.28	4.80	5.55	5.21	7.28	ppb
Cadmium	106-1	5.93	6.67	5.90	6.17	7.12	ppb
Cadmium	108-1	5.13	4.69	5.39	5.07	7.07	ppb
Calcium	43-1	81578.64	75710.72	82397.08	79895.48	4.56	ppb
Calcium	44-1	81372.76	73767.37	78514.61	77884.91	4.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.68	38.17	37.52	37.79	0.90	ppb
Cobalt	59-2	24.77	25.24	24.94	24.98	0.95	ppb
Copper	63-2	135.03	138.22	136.03	136.42	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				113		%
Holmium	165-2				101		%
Indium	115-1				112		%
Indium	115-2				96		%
Iron	54-2	58429.05	59724.38	58143.10	58765.51	1.43	ppb
Iron	56-2	58393.83	59034.21	58206.70	58544.91	0.74	ppb
Iron	57-2	60096.90	60238.56	59248.16	59861.20	0.89	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-16	Instrumnet Name :	P8
Client Sample ID :	MH1EX0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:11:19	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	291.03	264.82	292.50	282.79	5.51	ppb
Lead	207-1	282.96	256.42	280.17	273.18	5.34	ppb
Lead	208-1	298.30	268.00	295.23	287.17	5.81	ppb
Lithium	6-1				117		%
Magnesium	24-2	13788.07	14042.00	13536.24	13788.77	1.83	ppb
Manganese	55-2	1523.03	1552.20	1512.88	1529.37	1.33	ppb
Molybdenum	94-1	6.85	6.26	7.06	6.72	6.17	ppb
Molybdenum	95-1	4.40	3.99	4.51	4.30	6.48	ppb
Molybdenum	96-1	5.13	4.69	4.81	4.87	4.63	ppb
Molybdenum	97-1	4.27	3.94	4.31	4.17	4.96	ppb
Molybdenum	98-1	4.22	3.94	4.33	4.17	4.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.01	84.77	84.05	84.61	0.59	ppb
Phosphorus	31-2	3050.43	3062.14	3128.16	3080.24	1.36	ppb
Potassium	39-2	7280.44	7298.41	7350.36	7309.74	0.50	ppb
Rhodium	103-1				110		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	82-1	2.97	2.25	3.38	2.87	19.99	ppb
Selenium	77-2	65.20	59.43	75.94	66.86	12.53	ppb
Selenium	78-2	10.71	10.18	10.41	10.43	2.56	ppb
Silicon	28-1	1096.45	944.62	1014.35	1018.48	7.46	ppb
Silver	107-1	2.03	1.75	2.14	1.97	10.00	ppb
Silver	109-1	2.12	1.86	2.07	2.01	6.91	ppb
Sodium	23-2	422.54	416.54	421.79	420.29	0.78	ppb
Strontium	86-1	250.66	231.08	255.91	245.88	5.32	ppb
Strontium	88-1	257.49	231.10	250.88	246.49	5.57	ppb
Sulfur	34-1	581.37	-893.64	-187.68	-166.65		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.96	0.84	0.92	0.91	6.56	ppb
Thallium	205-1	0.99	0.89	0.92	0.93	5.24	ppb
Tin	118-1	6.40	5.32	6.17	5.96	9.56	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-16	Instrumnet Name :	P8
Client Sample ID :	MH1EX0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:11:19	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	162.79	144.79	162.33	156.64	6.55	ppb
Uranium	238-1	4.91	4.33	4.63	4.62	6.27	ppb
Vanadium	51-2	116.64	119.25	117.32	117.74	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				107		%
Zinc	66-2	759.93	763.38	761.51	761.61	0.23	ppb
Zirconium	90-1	1.79	1.63	1.69	1.70	4.97	ppb
Zirconium	91-1	1.73	1.57	1.60	1.63	5.26	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-17	Instrumnet Name :	P8
Client Sample ID :	MH1EX1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:14:12	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23654.36	23524.27	23166.87	23448.50	1.08	ppb
Antimony	121-1	2.05	1.99	2.01	2.02	1.57	ppb
Arsenic	75-2	31.32	29.58	29.29	30.06	3.66	ppb
Barium	135-1	685.01	682.88	701.14	689.67	1.45	ppb
Barium	137-1	703.24	698.40	718.08	706.57	1.45	ppb
Beryllium	9-1	2.40	2.30	2.40	2.36	2.37	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	33.49	33.65	38.86	35.33	8.65	ppb
Boron	11-1	34.95	34.71	37.77	35.81	4.75	ppb
Bromine	81-1						cps
Cadmium	111-1	10.45	10.49	11.16	10.70	3.75	ppb
Cadmium	106-1	11.69	12.06	10.74	11.50	5.89	ppb
Cadmium	108-1	9.73	10.15	9.40	9.76	3.87	ppb
Calcium	43-1	133194.86	130052.20	132381.77	131876.28	1.24	ppb
Calcium	44-1	131727.60	133814.03	131076.55	132206.06	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.56	51.52	51.13	51.40	0.46	ppb
Cobalt	59-2	25.03	25.28	25.67	25.33	1.28	ppb
Copper	63-2	188.85	186.57	187.72	187.71	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	54-2	70442.90	67318.45	67829.52	68530.29	2.45	ppb
Iron	56-2	68475.86	70429.05	68680.18	69195.03	1.55	ppb
Iron	57-2	69279.84	71132.81	67489.52	69300.72	2.63	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-17	Instrumnet Name :	P8
Client Sample ID :	MH1EX1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:14:12	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	740.58	749.40	746.22	745.40	0.60	ppb
Lead	207-1	726.70	724.39	728.98	726.69	0.32	ppb
Lead	208-1	729.66	728.45	730.89	729.67	0.17	ppb
Lithium	6-1				110		%
Magnesium	24-2	15692.67	15585.00	15557.68	15611.78	0.46	ppb
Manganese	55-2	2418.39	2364.12	2334.04	2372.18	1.80	ppb
Molybdenum	94-1	7.81	7.59	7.74	7.71	1.45	ppb
Molybdenum	95-1	4.78	4.42	4.55	4.58	4.03	ppb
Molybdenum	96-1	5.50	5.56	5.38	5.48	1.70	ppb
Molybdenum	97-1	4.78	4.40	4.59	4.59	4.14	ppb
Molybdenum	98-1	4.79	4.42	4.64	4.62	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.42	67.77	68.63	67.94	0.92	ppb
Phosphorus	31-2	6423.29	6312.68	6477.08	6404.35	1.31	ppb
Potassium	39-2	9867.98	9864.50	9706.05	9812.84	0.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				97		%
Selenium	82-1	3.91	2.99	3.25	3.38	13.98	ppb
Selenium	77-2	45.48	38.59	52.82	45.63	15.60	ppb
Selenium	78-2	10.42	9.54	7.72	9.23	14.92	ppb
Silicon	28-1	1319.64	1262.06	1287.43	1289.71	2.24	ppb
Silver	107-1	2.91	2.89	2.96	2.92	1.38	ppb
Silver	109-1	2.92	2.92	3.09	2.98	3.39	ppb
Sodium	23-2	585.52	575.49	581.24	580.75	0.87	ppb
Strontium	86-1	432.84	428.54	434.91	432.09	0.75	ppb
Strontium	88-1	424.64	413.29	415.13	417.69	1.46	ppb
Sulfur	34-1	1549.78	726.85	1355.77	1210.80	35.53	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.77	0.84	0.87	0.83	6.06	ppb
Thallium	205-1	0.84	0.83	0.90	0.86	4.45	ppb
Tin	118-1	14.05	14.44	14.36	14.28	1.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-17	Instrumnet Name :	P8
Client Sample ID :	MH1EX1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:14:12	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	248.95	228.04	241.73	239.57	4.43	ppb
Uranium	238-1	5.04	5.16	4.95	5.05	2.09	ppb
Vanadium	51-2	106.25	104.93	104.68	105.28	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	2443.68	2432.67	2394.93	2423.76	1.05	ppb
Zirconium	90-1	2.08	2.12	1.98	2.06	3.42	ppb
Zirconium	91-1	2.13	2.14	2.04	2.10	2.48	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-18	Instrumnet Name :	P8
Client Sample ID :	MH1EX2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:17:08	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22433.64	22817.51	24323.83	23191.66	4.31	ppb
Antimony	121-1	1.95	2.34	2.04	2.11	9.68	ppb
Arsenic	75-2	32.37	32.01	35.39	33.26	5.58	ppb
Barium	135-1	673.36	701.98	677.51	684.28	2.26	ppb
Barium	137-1	710.11	697.80	699.86	702.59	0.94	ppb
Beryllium	9-1	2.65	2.41	2.39	2.48	5.92	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	34.09	34.92	35.55	34.86	2.09	ppb
Boron	11-1	35.89	37.07	37.48	36.81	2.24	ppb
Bromine	81-1						cps
Cadmium	111-1	12.54	13.04	12.48	12.69	2.42	ppb
Cadmium	106-1	11.37	13.91	10.95	12.08	13.26	ppb
Cadmium	108-1	12.38	12.87	12.80	12.68	2.09	ppb
Calcium	43-1	120287.58	114651.57	112992.42	115977.19	3.30	ppb
Calcium	44-1	121826.32	116916.87	115900.41	118214.53	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.38	42.42	46.21	43.67	5.04	ppb
Cobalt	59-2	24.56	24.31	26.57	25.15	4.93	ppb
Copper	63-2	220.48	220.85	244.80	228.71	6.09	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				109		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	54-2	67107.02	67603.84	72298.21	69003.02	4.15	ppb
Iron	56-2	67868.34	64909.86	72934.93	68571.05	5.92	ppb
Iron	57-2	68432.56	68173.18	74395.98	70333.90	5.01	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-18	Instrumnet Name :	P8
Client Sample ID :	MH1EX2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:17:08	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	843.60	858.29	854.18	852.02	0.89	ppb
Lead	207-1	830.66	818.79	846.08	831.84	1.65	ppb
Lead	208-1	838.02	848.16	856.03	847.40	1.07	ppb
Lithium	6-1				113		%
Magnesium	24-2	13809.03	13687.64	14932.37	14143.02	4.85	ppb
Manganese	55-2	2462.33	2461.08	2688.44	2537.28	5.16	ppb
Molybdenum	94-1	7.58	7.60	7.65	7.61	0.47	ppb
Molybdenum	95-1	4.35	4.28	4.25	4.30	1.14	ppb
Molybdenum	96-1	5.11	5.11	4.95	5.06	1.82	ppb
Molybdenum	97-1	4.51	4.19	4.46	4.39	3.95	ppb
Molybdenum	98-1	4.27	4.24	4.36	4.29	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.09	71.78	76.92	73.26	4.34	ppb
Phosphorus	31-2	5345.29	5334.07	5789.45	5489.60	4.73	ppb
Potassium	39-2	9413.43	9558.41	10409.14	9793.66	5.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				94		%
Selenium	82-1	2.72	3.75	2.05	2.84	29.98	ppb
Selenium	77-2	41.52	35.90	43.03	40.15	9.35	ppb
Selenium	78-2	9.48	8.19	8.36	8.68	8.12	ppb
Silicon	28-1	1164.37	1252.20	1240.58	1219.05	3.91	ppb
Silver	107-1	3.98	3.89	3.69	3.85	3.90	ppb
Silver	109-1	3.92	4.24	3.99	4.05	4.10	ppb
Sodium	23-2	613.09	600.99	665.67	626.58	5.49	ppb
Strontium	86-1	402.15	402.82	386.74	397.24	2.29	ppb
Strontium	88-1	395.74	392.93	396.49	395.05	0.48	ppb
Sulfur	34-1	854.74	942.14	1347.18	1048.02	25.07	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.83	0.87	0.89	0.86	3.73	ppb
Thallium	205-1	0.88	0.82	0.87	0.86	3.81	ppb
Tin	118-1	17.37	18.04	17.07	17.49	2.83	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-18	Instrumnet Name :	P8
Client Sample ID :	MH1EX2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:17:08	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	222.45	221.97	227.73	224.05	1.43	ppb
Uranium	238-1	4.36	4.43	4.50	4.43	1.65	ppb
Vanadium	51-2	97.73	96.77	107.76	100.76	6.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	2568.54	2570.29	2832.17	2657.00	5.71	ppb
Zirconium	90-1	2.12	2.10	2.15	2.12	1.05	ppb
Zirconium	91-1	2.05	1.97	2.11	2.05	3.34	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-19	Instrumnet Name :	P8
Client Sample ID :	MH1EX3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:20:01	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21983.52	21411.02	21362.31	21585.61	1.60	ppb
Antimony	121-1	2.73	2.83	2.76	2.77	2.00	ppb
Arsenic	75-2	38.04	37.90	37.77	37.90	0.37	ppb
Barium	135-1	645.02	693.02	652.36	663.46	3.90	ppb
Barium	137-1	650.33	702.85	655.66	669.61	4.32	ppb
Beryllium	9-1	2.46	2.86	2.61	2.65	7.54	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	31.80	35.80	35.39	34.33	6.40	ppb
Boron	11-1	31.71	35.24	37.10	34.68	7.89	ppb
Bromine	81-1						cps
Cadmium	111-1	17.89	19.63	18.23	18.58	4.97	ppb
Cadmium	106-1	19.75	19.74	18.73	19.40	3.02	ppb
Cadmium	108-1	18.70	17.18	17.27	17.72	4.82	ppb
Calcium	43-1	83344.77	83774.08	85428.15	84182.33	1.31	ppb
Calcium	44-1	81786.54	81989.37	83888.07	82554.66	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.90	31.06	31.51	31.49	1.33	ppb
Cobalt	59-2	26.58	26.28	26.03	26.30	1.06	ppb
Copper	63-2	331.49	323.28	323.20	325.99	1.46	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				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	70836.10	68950.74	68920.90	69569.25	1.58	ppb
Iron	56-2	70898.31	70081.13	69300.88	70093.44	1.14	ppb
Iron	57-2	71540.10	70054.58	69949.33	70514.67	1.26	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-19	Instrumnet Name :	P8
Client Sample ID :	MH1EX3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:20:01	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1138.67	1179.72	1144.43	1154.27	1.93	ppb
Lead	207-1	1124.97	1166.55	1112.49	1134.67	2.49	ppb
Lead	208-1	1128.10	1156.97	1126.07	1137.05	1.52	ppb
Lithium	6-1				112		%
Magnesium	24-2	11793.77	11344.04	11424.55	11520.79	2.08	ppb
Manganese	55-2	3494.78	3337.79	3366.10	3399.56	2.46	ppb
Molybdenum	94-1	8.22	7.87	8.57	8.22	4.22	ppb
Molybdenum	95-1	4.05	3.65	4.36	4.02	8.79	ppb
Molybdenum	96-1	5.04	4.77	5.19	5.00	4.29	ppb
Molybdenum	97-1	4.00	4.03	4.09	4.04	1.09	ppb
Molybdenum	98-1	3.89	3.93	4.18	4.00	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.96	72.14	72.53	72.88	1.32	ppb
Phosphorus	31-2	5317.54	5334.93	5199.17	5283.88	1.40	ppb
Potassium	39-2	8219.80	8021.33	8050.18	8097.10	1.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	82-1	3.39	2.63	2.13	2.71	23.38	ppb
Selenium	77-2	34.89	29.99	45.43	36.77	21.46	ppb
Selenium	78-2	8.17	9.46	8.93	8.85	7.34	ppb
Silicon	28-1	1032.48	1055.31	1032.01	1039.93	1.28	ppb
Silver	107-1	6.42	6.70	6.32	6.48	3.08	ppb
Silver	109-1	6.31	6.83	6.67	6.60	4.05	ppb
Sodium	23-2	630.38	615.36	632.57	626.11	1.50	ppb
Strontium	86-1	387.70	368.42	402.94	386.36	4.48	ppb
Strontium	88-1	376.67	375.21	401.02	384.30	3.77	ppb
Sulfur	34-1	906.50	927.17	1202.58	1012.08	16.33	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1.05	0.97	0.99	1.00	3.81	ppb
Thallium	205-1	1.02	1.07	1.08	1.06	2.91	ppb
Tin	118-1	26.71	28.64	28.21	27.85	3.64	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-19	Instrumnet Name :	P8
Client Sample ID :	MH1EX3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:20:01	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	231.07	230.46	236.19	232.57	1.35	ppb
Uranium	238-1	4.81	4.67	4.93	4.80	2.78	ppb
Vanadium	51-2	86.17	83.84	82.58	84.20	2.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				103		%
Zinc	66-2	3223.22	3171.80	3169.01	3188.01	0.96	ppb
Zirconium	90-1	2.62	2.55	2.68	2.62	2.53	ppb
Zirconium	91-1	2.44	2.67	2.69	2.60	5.40	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:22:57	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17029.57	17279.30	17202.27	17170.38	0.74	ppb
Antimony	121-1	2.80	2.53	2.46	2.60	6.76	ppb
Arsenic	75-2	38.19	37.89	38.08	38.05	0.39	ppb
Barium	135-1	563.41	530.81	533.93	542.71	3.31	ppb
Barium	137-1	586.01	541.60	533.63	553.75	5.10	ppb
Beryllium	9-1	2.46	2.33	2.39	2.40	2.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	28.28	30.91	31.13	30.11	5.26	ppb
Boron	11-1	29.47	30.17	32.09	30.58	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	14.08	13.77	12.96	13.60	4.26	ppb
Cadmium	106-1	17.57	12.45	12.89	14.30	19.80	ppb
Cadmium	108-1	13.65	11.35	12.65	12.55	9.19	ppb
Calcium	43-1	142513.18	134018.94	137178.41	137903.51	3.11	ppb
Calcium	44-1	144297.41	137007.07	139829.03	140377.84	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.06	44.22	43.44	43.91	0.95	ppb
Cobalt	59-2	22.00	21.88	21.56	21.82	1.04	ppb
Copper	63-2	267.42	264.28	261.27	264.32	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	54-2	60076.47	60178.37	61452.91	60569.25	1.27	ppb
Iron	56-2	59945.39	59519.62	60306.92	59923.98	0.66	ppb
Iron	57-2	60974.62	61566.83	61493.61	61345.02	0.53	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:22:57	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1143.14	1030.58	1148.35	1107.36	6.01	ppb
Lead	207-1	1092.20	1001.63	1106.56	1066.80	5.33	ppb
Lead	208-1	1108.80	1035.10	1130.02	1091.31	4.57	ppb
Lithium	6-1				102		%
Magnesium	24-2	57139.92	57900.13	59811.62	58283.89	2.36	ppb
Manganese	55-2	2785.10	2863.17	2851.08	2833.12	1.48	ppb
Molybdenum	94-1	6.04	5.96	5.90	5.97	1.15	ppb
Molybdenum	95-1	3.47	3.44	3.49	3.47	0.81	ppb
Molybdenum	96-1	4.10	4.13	4.19	4.14	1.11	ppb
Molybdenum	97-1	3.35	3.29	3.64	3.42	5.48	ppb
Molybdenum	98-1	3.33	3.46	3.34	3.37	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.63	68.37	69.53	68.51	1.40	ppb
Phosphorus	31-2	3323.41	3464.49	3476.14	3421.34	2.48	ppb
Potassium	39-2	5887.88	5974.05	5987.55	5949.83	0.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	2.36	2.98	2.40	2.58	13.38	ppb
Selenium	77-2	36.19	28.86	41.21	35.42	17.54	ppb
Selenium	78-2	7.28	6.31	7.66	7.08	9.87	ppb
Silicon	28-1	1449.29	1346.13	1346.20	1380.54	4.31	ppb
Silver	107-1	4.26	4.19	3.83	4.09	5.57	ppb
Silver	109-1	4.33	4.14	4.09	4.19	3.04	ppb
Sodium	23-2	360.23	370.20	372.32	367.59	1.76	ppb
Strontium	86-1	234.12	222.43	225.91	227.48	2.64	ppb
Strontium	88-1	230.14	225.85	225.47	227.15	1.14	ppb
Sulfur	34-1	788.36	342.19	263.12	464.56	60.96	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.84	0.84	0.86	0.85	1.17	ppb
Thallium	205-1	0.91	0.76	0.92	0.86	10.54	ppb
Tin	118-1	17.47	16.84	17.10	17.14	1.85	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:22:57	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	220.51	216.48	221.67	219.55	1.24	ppb
Uranium	238-1	2.78	2.55	2.73	2.69	4.40	ppb
Vanadium	51-2	81.40	81.83	81.95	81.73	0.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	2159.78	2200.89	2172.30	2177.66	0.97	ppb
Zirconium	90-1	1.86	1.70	1.73	1.76	4.86	ppb
Zirconium	91-1	1.72	1.73	1.77	1.74	1.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:25:50	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18960.47	18714.48	18837.40	18837.45	0.65	ppb
Antimony	121-1	2.51	2.62	2.65	2.59	2.97	ppb
Arsenic	75-2	40.62	39.13	39.72	39.82	1.88	ppb
Barium	135-1	565.40	590.95	568.01	574.79	2.45	ppb
Barium	137-1	560.29	603.66	605.04	589.66	4.32	ppb
Beryllium	9-1	2.47	2.40	2.34	2.40	2.75	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	27.29	28.39	30.39	28.69	5.48	ppb
Boron	11-1	28.16	29.40	29.01	28.86	2.21	ppb
Bromine	81-1						cps
Cadmium	111-1	13.59	14.26	14.22	14.02	2.66	ppb
Cadmium	106-1	13.93	14.70	16.26	14.96	7.94	ppb
Cadmium	108-1	11.73	13.78	13.43	12.98	8.44	ppb
Calcium	43-1	150504.14	147343.14	153183.41	150343.56	1.94	ppb
Calcium	44-1	151618.82	146276.84	151424.43	149773.36	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.96	47.38	47.84	48.06	1.69	ppb
Cobalt	59-2	24.72	24.18	24.64	24.51	1.18	ppb
Copper	63-2	289.71	286.21	288.03	287.98	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	65128.06	64200.71	64887.61	64738.79	0.74	ppb
Iron	56-2	64073.07	65693.58	64739.93	64835.52	1.26	ppb
Iron	57-2	65912.59	66608.65	65712.52	66077.92	0.71	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:25:50	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1194.35	1172.12	1233.26	1199.91	2.58	ppb
Lead	207-1	1186.68	1142.31	1183.59	1170.86	2.12	ppb
Lead	208-1	1194.47	1143.19	1189.36	1175.67	2.40	ppb
Lithium	6-1				110		%
Magnesium	24-2	64321.63	62205.90	63319.39	63282.31	1.67	ppb
Manganese	55-2	3059.83	2976.05	3030.60	3022.16	1.41	ppb
Molybdenum	94-1	6.61	6.79	6.59	6.67	1.64	ppb
Molybdenum	95-1	3.53	3.56	3.56	3.55	0.57	ppb
Molybdenum	96-1	4.30	4.14	4.32	4.25	2.33	ppb
Molybdenum	97-1	3.49	3.47	3.59	3.52	1.77	ppb
Molybdenum	98-1	3.49	3.41	3.43	3.44	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.00	77.29	79.10	78.46	1.30	ppb
Phosphorus	31-2	3753.17	3555.76	3668.96	3659.30	2.71	ppb
Potassium	39-2	6546.10	6480.01	6457.19	6494.43	0.71	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	82-1	1.90	3.26	2.24	2.47	28.83	ppb
Selenium	77-2	45.16	44.70	45.12	44.99	0.57	ppb
Selenium	78-2	8.54	7.32	9.68	8.51	13.84	ppb
Silicon	28-1	1451.48	1404.10	1402.94	1419.51	1.95	ppb
Silver	107-1	4.25	4.29	4.48	4.34	2.81	ppb
Silver	109-1	4.09	4.43	4.39	4.30	4.35	ppb
Sodium	23-2	380.23	372.99	379.65	377.62	1.06	ppb
Strontium	86-1	236.71	238.99	238.17	237.96	0.49	ppb
Strontium	88-1	237.49	234.37	238.35	236.74	0.88	ppb
Sulfur	34-1	514.84	61.30	11.83	195.99	141.45	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.87	0.88	0.88	2.04	ppb
Thallium	205-1	0.90	0.86	0.93	0.90	4.24	ppb
Tin	118-1	15.64	16.48	16.39	16.17	2.85	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:25:50	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	229.12	220.75	222.71	224.19	1.95	ppb
Uranium	238-1	2.77	2.88	3.04	2.90	4.77	ppb
Vanadium	51-2	89.00	88.21	88.06	88.42	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	2426.70	2341.32	2350.29	2372.77	1.98	ppb
Zirconium	90-1	1.87	1.89	1.85	1.87	1.14	ppb
Zirconium	91-1	1.97	1.90	1.69	1.85	7.86	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 13:28:46	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3785.34	3411.34	3382.86	3526.51	6.37	ppb
Antimony	121-1	0.48	0.50	0.50	0.49	2.46	ppb
Arsenic	75-2	8.48	7.93	7.39	7.93	6.82	ppb
Barium	135-1	100.27	100.92	100.40	100.53	0.34	ppb
Barium	137-1	103.86	104.49	106.16	104.84	1.13	ppb
Beryllium	9-1	0.39	0.45	0.43	0.42	7.13	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	11.61	10.70	12.15	11.48	6.36	ppb
Boron	11-1	11.20	11.60	11.28	11.36	1.87	ppb
Bromine	81-1						cps
Cadmium	111-1	2.67	2.66	2.57	2.63	2.10	ppb
Cadmium	106-1	2.94	2.71	2.81	2.82	4.20	ppb
Cadmium	108-1	1.78	2.54	2.12	2.14	17.81	ppb
Calcium	43-1	26935.43	26887.57	26901.40	26908.13	0.09	ppb
Calcium	44-1	26482.68	26801.22	27536.11	26940.00	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.53	8.79	8.47	8.93	6.05	ppb
Cobalt	59-2	4.99	4.49	4.43	4.64	6.67	ppb
Copper	63-2	59.10	53.21	53.91	55.41	5.81	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				97		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	54-2	13363.70	11840.12	11724.35	12309.39	7.43	ppb
Iron	56-2	12941.73	12033.30	11906.24	12293.76	4.59	ppb
Iron	57-2	12886.37	11855.45	11369.20	12037.01	6.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 13:28:46	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	212.07	202.12	195.55	203.25	4.09	ppb
Lead	207-1	205.72	199.16	189.52	198.13	4.11	ppb
Lead	208-1	210.91	200.51	193.91	201.78	4.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	13203.15	11621.45	11598.75	12141.12	7.58	ppb
Manganese	55-2	602.31	551.57	535.48	563.12	6.19	ppb
Molybdenum	94-1	1.17	1.32	1.16	1.21	7.29	ppb
Molybdenum	95-1	0.70	0.69	0.60	0.66	8.56	ppb
Molybdenum	96-1	0.80	0.88	0.84	0.84	5.26	ppb
Molybdenum	97-1	0.62	0.73	0.73	0.69	9.46	ppb
Molybdenum	98-1	0.63	0.66	0.61	0.64	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.88	13.87	13.77	14.17	4.33	ppb
Phosphorus	31-2	840.48	624.32	662.41	709.07	16.27	ppb
Potassium	39-2	1329.74	1202.78	1204.67	1245.73	5.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	82-1	2.29	1.48	-0.04	1.24	94.88	ppb
Selenium	77-2	12.37	11.49	10.18	11.35	9.69	ppb
Selenium	78-2	2.86	0.13	-0.15	0.95	175.15	ppb
Silicon	28-1	261.79	258.36	261.98	260.71	0.78	ppb
Silver	107-1	0.77	0.79	0.81	0.79	2.33	ppb
Silver	109-1	0.75	0.76	0.76	0.76	1.26	ppb
Sodium	23-2	102.75	88.12	85.23	92.03	10.20	ppb
Strontium	86-1	46.45	45.45	44.70	45.54	1.93	ppb
Strontium	88-1	45.68	45.15	46.29	45.71	1.24	ppb
Sulfur	34-1	284.46	212.44	456.20	317.70	39.42	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.14	0.11	0.13	11.93	ppb
Thallium	205-1	0.12	0.11	0.13	0.12	9.16	ppb
Tin	118-1	3.18	3.28	3.05	3.17	3.51	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 13:28:46	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	43.59	41.08	42.49	42.39	2.97	ppb
Uranium	238-1	0.57	0.53	0.49	0.53	7.03	ppb
Vanadium	51-2	18.19	16.05	15.79	16.68	7.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	494.13	456.06	443.05	464.41	5.72	ppb
Zirconium	90-1	0.34	0.33	0.36	0.34	4.95	ppb
Zirconium	91-1	0.30	0.34	0.33	0.32	5.55	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:31:44	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16493.36	16711.03	16926.60	16710.33	1.30	ppb
Antimony	121-1	11.66	11.34	11.16	11.39	2.20	ppb
Arsenic	75-2	46.38	46.36	44.63	45.79	2.19	ppb
Barium	135-1	901.32	854.95	866.48	874.25	2.76	ppb
Barium	137-1	945.36	900.51	878.25	908.04	3.76	ppb
Beryllium	9-1	11.98	12.16	12.15	12.10	0.86	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	23.03	27.16	25.91	25.37	8.34	ppb
Boron	11-1	24.81	25.21	26.36	25.46	3.17	ppb
Bromine	81-1						cps
Cadmium	111-1	23.84	22.23	22.46	22.85	3.81	ppb
Cadmium	106-1	22.18	19.69	18.63	20.17	9.04	ppb
Cadmium	108-1	21.40	19.88	19.86	20.38	4.33	ppb
Calcium	43-1	134306.84	133462.43	137291.89	135020.39	1.49	ppb
Calcium	44-1	134471.79	133837.98	137884.05	135397.94	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.98	78.51	80.09	78.53	1.98	ppb
Cobalt	59-2	114.18	117.70	118.31	116.73	1.91	ppb
Copper	63-2	303.42	312.94	315.47	310.61	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				109		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	54-2	53589.52	55274.34	55665.42	54843.09	2.01	ppb
Iron	56-2	53386.61	53851.45	54589.96	53942.67	1.12	ppb
Iron	57-2	53284.75	56642.75	55051.97	54993.16	3.05	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:31:44	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1077.49	1067.12	1072.55	1072.39	0.48	ppb
Lead	207-1	1063.03	1004.13	1056.52	1041.23	3.10	ppb
Lead	208-1	1059.76	1024.60	1067.85	1050.74	2.19	ppb
Lithium	6-1				106		%
Magnesium	24-2	57698.18	55653.64	57915.84	57089.22	2.19	ppb
Manganese	55-2	2879.94	2902.50	2910.96	2897.80	0.55	ppb
Molybdenum	94-1	5.92	5.69	5.95	5.85	2.36	ppb
Molybdenum	95-1	3.04	2.92	3.05	3.00	2.43	ppb
Molybdenum	96-1	3.60	3.63	3.76	3.66	2.31	ppb
Molybdenum	97-1	2.97	2.89	3.01	2.96	1.98	ppb
Molybdenum	98-1	3.03	2.84	2.91	2.93	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.73	160.59	164.79	161.37	1.92	ppb
Phosphorus	31-2	3356.96	3258.61	3510.92	3375.50	3.77	ppb
Potassium	39-2	5828.36	5820.78	5945.14	5864.76	1.19	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				96		%
Selenium	82-1	12.37	12.37	13.10	12.61	3.36	ppb
Selenium	77-2	48.96	41.32	61.69	50.66	20.32	ppb
Selenium	78-2	16.64	16.77	17.98	17.13	4.32	ppb
Silicon	28-1	1481.56	1579.03	1553.61	1538.07	3.29	ppb
Silver	107-1	16.52	15.44	15.99	15.98	3.38	ppb
Silver	109-1	16.23	16.49	16.12	16.28	1.16	ppb
Sodium	23-2	363.39	363.33	374.61	367.11	1.77	ppb
Strontium	86-1	230.55	217.16	228.93	225.55	3.24	ppb
Strontium	88-1	224.45	212.30	227.70	221.48	3.67	ppb
Sulfur	34-1	-123.46	289.11	376.52	180.72	147.76	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	9.10	9.30	9.45	9.28	1.90	ppb
Thallium	205-1	9.36	9.67	9.58	9.54	1.72	ppb
Tin	118-1	14.12	13.61	12.79	13.51	4.94	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:31:44	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	192.53	196.73	197.93	195.73	1.45	ppb
Uranium	238-1	2.61	2.58	2.49	2.56	2.42	ppb
Vanadium	51-2	165.79	168.34	172.01	168.71	1.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	2256.12	2269.64	2303.01	2276.26	1.06	ppb
Zirconium	90-1	1.76	1.66	1.74	1.72	3.13	ppb
Zirconium	91-1	1.77	1.63	1.82	1.74	5.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P8
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:49:59	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51642.20	50073.85	51759.99	51158.68	1.84	ppb
Antimony	121-1	491.23	491.59	482.00	488.27	1.11	ppb
Arsenic	75-2	483.07	507.55	502.80	497.81	2.61	ppb
Barium	135-1	2466.92	2479.33	2473.01	2473.09	0.25	ppb
Barium	137-1	2460.02	2474.89	2404.53	2446.48	1.52	ppb
Beryllium	9-1	509.00	499.49	490.13	499.54	1.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	551.91	565.54	566.24	561.23	1.44	ppb
Boron	11-1	544.30	553.14	553.85	550.43	0.97	ppb
Bromine	81-1						cps
Cadmium	111-1	520.71	497.36	505.11	507.73	2.34	ppb
Cadmium	106-1	511.45	484.91	498.30	498.22	2.66	ppb
Cadmium	108-1	510.74	502.69	482.59	498.68	2.91	ppb
Calcium	43-1	256265.66	263335.88	262259.63	260620.39	1.46	ppb
Calcium	44-1	258812.42	260790.26	257967.66	259190.11	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.31	486.55	480.28	483.05	0.66	ppb
Cobalt	59-2	523.49	524.19	532.60	526.76	0.96	ppb
Copper	63-2	5111.23	5127.95	5021.40	5086.86	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				113		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	54-2	127164.54	127858.97	131524.90	128849.47	1.82	ppb
Iron	56-2	128355.40	130754.75	129725.80	129611.98	0.93	ppb
Iron	57-2	127475.24	130304.96	130281.68	129353.96	1.26	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P8
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:49:59	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2479.90	2605.07	2548.63	2544.54	2.46	ppb
Lead	207-1	2486.92	2574.73	2592.77	2551.47	2.22	ppb
Lead	208-1	2498.93	2560.16	2554.17	2537.76	1.33	ppb
Lithium	6-1				112		%
Magnesium	24-2	263237.33	257123.86	262613.30	260991.50	1.29	ppb
Manganese	55-2	5160.30	5197.40	5225.54	5194.41	0.63	ppb
Molybdenum	94-1	5351.72	5590.21	5555.59	5499.17	2.34	ppb
Molybdenum	95-1	5474.97	5485.52	5481.56	5480.68	0.10	ppb
Molybdenum	96-1	5353.72	5445.43	5612.36	5470.50	2.40	ppb
Molybdenum	97-1	5456.64	5478.91	5548.59	5494.71	0.87	ppb
Molybdenum	98-1	5610.31	5540.48	5590.13	5580.31	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.18	513.74	507.53	510.82	0.61	ppb
Phosphorus	31-2	9962.41	10111.22	9804.42	9959.35	1.54	ppb
Potassium	39-2	122397.91	126623.15	124124.99	124382.01	1.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	82-1	515.10	527.39	525.62	522.70	1.27	ppb
Selenium	77-2	516.34	531.98	560.93	536.41	4.22	ppb
Selenium	78-2	494.85	524.83	531.95	517.21	3.81	ppb
Silicon	28-1	569.60	620.34	633.18	607.71	5.53	ppb
Silver	107-1	508.13	501.88	486.21	498.74	2.26	ppb
Silver	109-1	531.91	507.46	488.09	509.15	4.31	ppb
Sodium	23-2	262324.92	262316.33	261702.20	262114.48	0.14	ppb
Strontium	86-1	4863.75	4973.44	4828.50	4888.56	1.55	ppb
Strontium	88-1	4857.23	4912.22	4864.44	4877.97	0.61	ppb
Sulfur	34-1	11902.91	11648.13	11250.41	11600.48	2.83	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	496.80	514.57	514.10	508.49	1.99	ppb
Thallium	205-1	484.87	514.21	514.94	504.67	3.40	ppb
Tin	118-1	500.82	499.70	481.65	494.06	2.18	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P8
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:49:59	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5574.06	5547.40	5569.54	5563.67	0.26	ppb
Uranium	238-1	512.96	541.74	516.01	523.57	3.02	ppb
Vanadium	51-2	491.06	490.77	489.47	490.44	0.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	4883.54	4900.57	4936.15	4906.76	0.55	ppb
Zirconium	90-1	494.88	491.22	509.07	498.39	1.89	ppb
Zirconium	91-1	496.98	501.65	510.58	503.07	1.37	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB044 Instrumnet Name : P8
 Client Sample ID : CCB044 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 13:56:31 DataFile Name : 055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.38	0.82	1.10	1.10	25.48	ppb
Antimony	121-1	0.11	0.13	0.17	0.14	22.67	ppb
Arsenic	75-2	-0.02	0.03	-0.01	0.00	37752.76	ppb
Barium	135-1	0.11	0.01	0.02	0.05	121.39	ppb
Barium	137-1	0.10	0.05	0.03	0.06	53.98	ppb
Beryllium	9-1	0.08	0.09	0.09	0.09	7.79	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	43.87	43.16	45.13	44.06	2.26	ppb
Boron	11-1	41.99	42.94	44.08	43.00	2.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.01	0.02	0.01	169.86	ppb
Cadmium	106-1	-3.36	-4.28	-0.96	-2.86		ppb
Cadmium	108-1	-0.05	-0.09	-0.02	-0.05		ppb
Calcium	43-1	8.13	4.47	2.49	5.03	56.83	ppb
Calcium	44-1	1.77	-0.59	-2.70	-0.51		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.03	0.01	0.01	93.79	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	19.95	ppb
Copper	63-2	0.20	0.21	0.22	0.21	5.54	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				108		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	3.20	1.66	2.87	2.58	31.33	ppb
Iron	56-2	3.47	3.02	2.32	2.94	19.86	ppb
Iron	57-2	2.72	2.32	3.14	2.73	15.06	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P8
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:56:31	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.13	0.09	0.13	22.96	ppb
Lead	207-1	0.15	0.09	0.08	0.10	39.97	ppb
Lead	208-1	0.14	0.09	0.09	0.11	25.82	ppb
Lithium	6-1				109		%
Magnesium	24-2	6.75	5.70	4.32	5.59	21.82	ppb
Manganese	55-2	0.07	0.09	0.05	0.07	30.60	ppb
Molybdenum	94-1	0.32	0.18	0.17	0.22	37.96	ppb
Molybdenum	95-1	0.33	0.20	0.16	0.23	40.35	ppb
Molybdenum	96-1	0.28	0.20	0.15	0.21	30.47	ppb
Molybdenum	97-1	0.28	0.18	0.23	0.23	22.16	ppb
Molybdenum	98-1	0.33	0.19	0.18	0.23	37.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.01	-0.03		ppb
Phosphorus	31-2	-25.72	-13.55	-31.50	-23.59		ppb
Potassium	39-2	23.41	18.46	21.25	21.04	11.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				88		%
Selenium	82-1	0.30	0.35	0.81	0.49	57.89	ppb
Selenium	77-2	0.00	1.03	2.05	1.03	99.87	ppb
Selenium	78-2	-0.54	-1.35	-1.64	-1.18		ppb
Silicon	28-1	-11.60	-9.62	-11.10	-10.77		ppb
Silver	107-1	0.04	0.02	0.03	0.03	31.98	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.18	ppb
Sodium	23-2	52.10	54.04	47.91	51.35	6.10	ppb
Strontium	86-1	0.08	0.03	0.10	0.07	50.14	ppb
Strontium	88-1	0.21	0.11	0.07	0.13	58.56	ppb
Sulfur	34-1	-1402.71	-1288.32	-761.51	-1150.85		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.06	0.02	0.05	45.50	ppb
Thallium	205-1	0.05	0.04	0.06	0.05	18.31	ppb
Tin	118-1	-0.09	-0.11	-0.11	-0.10		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P8
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:56:31	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.12	0.04	0.10	57.50	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.30	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	131.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	0.18	0.42	0.26	0.28	43.31	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	137.58	ppb
Zirconium	91-1	0.01	0.03	-0.01	0.01	156.16	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-01	Instrumnet Name :	P8
Client Sample ID :	MH1EX4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:59:33	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32510.68	31214.83	31275.21	31666.91	2.31	ppb
Antimony	121-1	2.14	2.03	2.29	2.15	6.10	ppb
Arsenic	75-2	39.19	38.05	39.01	38.75	1.58	ppb
Barium	135-1	672.47	672.59	701.05	682.04	2.41	ppb
Barium	137-1	710.64	705.61	718.57	711.61	0.92	ppb
Beryllium	9-1	2.93	3.38	3.18	3.16	6.99	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	49.92	58.56	54.72	54.40	7.96	ppb
Boron	11-1	47.76	56.85	55.31	53.31	9.12	ppb
Bromine	81-1						cps
Cadmium	111-1	13.02	13.06	14.25	13.44	5.18	ppb
Cadmium	106-1	10.48	12.99	12.81	12.09	11.60	ppb
Cadmium	108-1	11.90	12.55	12.80	12.42	3.71	ppb
Calcium	43-1	69769.86	71654.74	71284.31	70902.97	1.41	ppb
Calcium	44-1	71575.62	70269.29	70717.49	70854.13	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.83	39.86	39.32	39.33	1.31	ppb
Cobalt	59-2	30.10	30.28	30.29	30.22	0.36	ppb
Copper	63-2	261.76	267.65	266.94	265.45	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				114		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	83827.24	83408.18	82226.16	83153.86	1.00	ppb
Iron	56-2	83800.67	81696.89	83285.29	82927.62	1.32	ppb
Iron	57-2	85701.77	82754.85	84818.05	84424.89	1.79	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-01	Instrumnet Name :	P8
Client Sample ID :	MH1EX4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:59:33	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	728.60	731.27	764.53	741.47	2.70	ppb
Lead	207-1	718.88	734.82	760.99	738.23	2.88	ppb
Lead	208-1	728.98	733.01	758.12	740.04	2.13	ppb
Lithium	6-1				115		%
Magnesium	24-2	15332.01	14749.75	15203.67	15095.14	2.03	ppb
Manganese	55-2	2735.76	2655.19	2676.79	2689.24	1.55	ppb
Molybdenum	94-1	8.68	8.78	8.96	8.81	1.60	ppb
Molybdenum	95-1	4.57	4.82	4.62	4.67	2.80	ppb
Molybdenum	96-1	5.63	5.51	5.84	5.66	2.95	ppb
Molybdenum	97-1	4.55	4.60	4.68	4.61	1.39	ppb
Molybdenum	98-1	4.72	4.54	4.60	4.62	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.38	98.34	98.67	98.79	0.54	ppb
Phosphorus	31-2	4439.42	4277.15	4903.46	4540.01	7.16	ppb
Potassium	39-2	9311.13	9296.53	9333.80	9313.82	0.20	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	82-1	3.61	3.22	2.61	3.15	16.11	ppb
Selenium	77-2	75.94	60.51	67.32	67.92	11.38	ppb
Selenium	78-2	11.32	10.83	11.52	11.22	3.15	ppb
Silicon	28-1	2200.61	2217.67	2306.95	2241.74	2.55	ppb
Silver	107-1	4.17	4.16	4.15	4.16	0.22	ppb
Silver	109-1	4.15	4.10	4.38	4.21	3.58	ppb
Sodium	23-2	888.26	866.31	882.36	878.98	1.29	ppb
Strontium	86-1	336.37	339.66	342.65	339.56	0.92	ppb
Strontium	88-1	343.55	326.46	343.03	337.68	2.88	ppb
Sulfur	34-1	-555.45	-239.43	163.46	-210.47		ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	1.18	1.16	1.14	1.16	1.79	ppb
Thallium	205-1	1.17	1.10	1.19	1.15	4.22	ppb
Tin	118-1	16.08	16.23	16.97	16.43	2.91	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-01	Instrumnet Name :	P8
Client Sample ID :	MH1EX4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:59:33	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	224.74	230.22	237.81	230.92	2.84	ppb
Uranium	238-1	5.70	5.69	5.57	5.65	1.27	ppb
Vanadium	51-2	121.70	123.30	122.29	122.43	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				108		%
Zinc	66-2	1762.25	1736.03	1724.65	1740.98	1.11	ppb
Zirconium	90-1	2.67	2.56	2.71	2.65	3.00	ppb
Zirconium	91-1	2.69	2.60	2.62	2.64	1.90	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-02	Instrumnet Name :	P8
Client Sample ID :	MH1EX5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:02:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26602.32	28550.19	26185.06	27112.53	4.66	ppb
Antimony	121-1	2.25	2.30	2.30	2.28	1.13	ppb
Arsenic	75-2	24.89	27.76	25.91	26.18	5.56	ppb
Barium	135-1	596.40	630.67	613.26	613.45	2.79	ppb
Barium	137-1	601.83	649.59	634.64	628.69	3.89	ppb
Beryllium	9-1	2.92	3.02	2.92	2.95	2.05	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	50.97	55.97	56.79	54.58	5.77	ppb
Boron	11-1	52.04	57.91	55.64	55.20	5.37	ppb
Bromine	81-1						cps
Cadmium	111-1	10.23	10.36	9.97	10.19	1.94	ppb
Cadmium	106-1	8.65	8.94	8.65	8.75	1.93	ppb
Cadmium	108-1	9.52	10.61	9.72	9.95	5.80	ppb
Calcium	43-1	83012.44	86573.35	83932.68	84506.15	2.19	ppb
Calcium	44-1	82052.45	84973.29	83504.42	83510.05	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.41	80.93	74.23	76.52	4.99	ppb
Cobalt	59-2	22.72	24.94	23.23	23.63	4.91	ppb
Copper	63-2	198.36	215.93	197.20	203.83	5.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	54-2	74184.16	81343.13	72963.31	76163.53	5.94	ppb
Iron	56-2	74189.15	80854.74	74292.11	76445.34	5.00	ppb
Iron	57-2	74889.52	83609.08	74279.34	77592.65	6.73	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-02	Instrumnet Name :	P8
Client Sample ID :	MH1EX5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:02:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	882.42	810.21	860.55	851.06	4.35	ppb
Lead	207-1	850.86	805.52	834.87	830.42	2.77	ppb
Lead	208-1	846.81	810.40	834.71	830.64	2.23	ppb
Lithium	6-1				113		%
Magnesium	24-2	15702.05	16739.64	15324.52	15922.07	4.60	ppb
Manganese	55-2	2791.50	3096.93	2786.32	2891.58	6.15	ppb
Molybdenum	94-1	7.94	7.42	7.50	7.62	3.61	ppb
Molybdenum	95-1	4.65	4.72	4.72	4.70	0.89	ppb
Molybdenum	96-1	5.34	5.82	5.58	5.58	4.34	ppb
Molybdenum	97-1	4.30	4.64	4.37	4.44	4.04	ppb
Molybdenum	98-1	4.55	4.62	4.38	4.52	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.24	69.76	64.74	66.25	4.61	ppb
Phosphorus	31-2	5925.78	6829.60	5957.35	6237.58	8.22	ppb
Potassium	39-2	9702.64	10873.54	9966.02	10180.74	6.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				96		%
Selenium	82-1	4.09	4.39	2.92	3.80	20.42	ppb
Selenium	77-2	56.09	59.13	38.56	51.26	21.66	ppb
Selenium	78-2	8.48	9.22	8.56	8.76	4.64	ppb
Silicon	28-1	2636.23	2605.95	2671.14	2637.77	1.24	ppb
Silver	107-1	3.61	3.82	3.68	3.70	2.98	ppb
Silver	109-1	3.62	3.74	3.73	3.70	1.82	ppb
Sodium	23-2	518.66	570.46	520.00	536.38	5.51	ppb
Strontium	86-1	338.18	345.29	345.80	343.09	1.24	ppb
Strontium	88-1	336.74	337.57	345.39	339.90	1.40	ppb
Sulfur	34-1	242.02	64.90	192.14	166.35	54.90	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.67	0.64	0.70	0.67	4.30	ppb
Thallium	205-1	0.73	0.64	0.65	0.67	7.65	ppb
Tin	118-1	16.80	17.25	16.56	16.87	2.06	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-02	Instrumnet Name :	P8
Client Sample ID :	MH1EX5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:02:29	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	290.55	289.43	293.81	291.26	0.78	ppb
Uranium	238-1	5.28	5.22	5.27	5.26	0.57	ppb
Vanadium	51-2	99.26	107.74	98.99	102.00	4.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				107		%
Zinc	66-2	2061.68	2286.14	2081.55	2143.12	5.80	ppb
Zirconium	90-1	2.03	2.07	2.10	2.07	1.67	ppb
Zirconium	91-1	1.97	2.05	2.00	2.01	1.99	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-03	Instrumnet Name :	P8
Client Sample ID :	MH1EX6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:05:23	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25766.87	26719.80	25485.64	25990.77	2.49	ppb
Antimony	121-1	2.63	2.57	2.84	2.68	5.41	ppb
Arsenic	75-2	34.44	34.97	34.20	34.54	1.14	ppb
Barium	135-1	742.03	721.32	760.88	741.41	2.67	ppb
Barium	137-1	771.48	757.83	788.93	772.75	2.02	ppb
Beryllium	9-1	2.96	2.79	2.89	2.88	2.99	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	48.07	48.39	50.47	48.98	2.66	ppb
Boron	11-1	47.65	48.24	50.99	48.96	3.64	ppb
Bromine	81-1						cps
Cadmium	111-1	13.07	12.92	14.18	13.39	5.14	ppb
Cadmium	106-1	14.66	11.95	14.63	13.75	11.31	ppb
Cadmium	108-1	13.33	13.56	12.72	13.20	3.28	ppb
Calcium	43-1	96194.01	95307.73	99889.14	97130.29	2.50	ppb
Calcium	44-1	95767.84	94944.12	98394.03	96368.66	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.58	49.89	48.95	49.47	0.97	ppb
Cobalt	59-2	26.38	26.63	26.14	26.38	0.92	ppb
Copper	63-2	257.59	265.92	258.65	260.72	1.74	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				112		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	81996.23	82164.86	78539.61	80900.23	2.53	ppb
Iron	56-2	78766.50	81119.56	78103.26	79329.77	2.00	ppb
Iron	57-2	79984.40	82527.21	80546.82	81019.48	1.65	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-03	Instrumnet Name :	P8
Client Sample ID :	MH1EX6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:05:23	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1111.12	1062.14	1096.14	1089.80	2.30	ppb
Lead	207-1	1087.22	1033.83	1087.98	1069.68	2.90	ppb
Lead	208-1	1091.43	1053.49	1084.57	1076.50	1.88	ppb
Lithium	6-1				112		%
Magnesium	24-2	13853.83	14398.85	13874.70	14042.46	2.20	ppb
Manganese	55-2	2874.23	2905.37	2789.01	2856.20	2.11	ppb
Molybdenum	94-1	7.68	7.62	7.49	7.60	1.23	ppb
Molybdenum	95-1	4.10	4.32	4.13	4.18	2.85	ppb
Molybdenum	96-1	4.88	5.10	4.80	4.93	3.21	ppb
Molybdenum	97-1	4.11	3.99	4.31	4.14	3.88	ppb
Molybdenum	98-1	4.15	4.01	4.18	4.11	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.46	88.28	83.40	86.71	3.31	ppb
Phosphorus	31-2	6163.23	6031.98	5722.14	5972.45	3.79	ppb
Potassium	39-2	7809.50	7909.56	7725.20	7814.75	1.18	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	82-1	3.90	3.82	3.16	3.63	11.29	ppb
Selenium	77-2	55.96	48.27	40.35	48.19	16.19	ppb
Selenium	78-2	8.80	8.97	9.90	9.22	6.41	ppb
Silicon	28-1	2522.68	2493.61	2417.24	2477.84	2.20	ppb
Silver	107-1	4.91	4.91	5.04	4.96	1.52	ppb
Silver	109-1	4.77	4.82	5.34	4.98	6.34	ppb
Sodium	23-2	557.21	564.88	556.04	559.38	0.86	ppb
Strontium	86-1	380.34	385.65	380.34	382.11	0.80	ppb
Strontium	88-1	374.99	384.96	386.45	382.13	1.63	ppb
Sulfur	34-1	-307.79	-466.73	-268.41	-347.65		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.78	0.85	0.78	0.81	5.04	ppb
Thallium	205-1	0.82	0.79	0.83	0.81	2.78	ppb
Tin	118-1	21.25	20.57	22.89	21.57	5.53	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-03	Instrumnet Name :	P8
Client Sample ID :	MH1EX6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:05:23	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	300.82	300.07	306.54	302.48	1.17	ppb
Uranium	238-1	5.07	5.15	4.99	5.07	1.60	ppb
Vanadium	51-2	104.09	106.03	103.23	104.45	1.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				106		%
Zinc	66-2	2684.02	2741.91	2656.72	2694.21	1.61	ppb
Zirconium	90-1	2.23	2.26	2.15	2.21	2.56	ppb
Zirconium	91-1	2.17	2.07	2.02	2.09	3.67	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-04	Instrumnet Name :	P8
Client Sample ID :	MH1EX7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:08:19	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28077.15	27733.75	27987.51	27932.80	0.64	ppb
Antimony	121-1	2.62	2.66	2.61	2.63	1.15	ppb
Arsenic	75-2	33.72	34.86	34.40	34.33	1.68	ppb
Barium	135-1	797.37	821.97	789.10	802.81	2.13	ppb
Barium	137-1	831.85	861.00	832.75	841.87	1.97	ppb
Beryllium	9-1	3.24	3.40	3.24	3.29	2.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	49.04	49.88	51.41	50.11	2.40	ppb
Boron	11-1	48.03	49.49	51.42	49.65	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	14.46	14.90	14.37	14.58	1.95	ppb
Cadmium	106-1	14.44	13.05	16.45	14.65	11.66	ppb
Cadmium	108-1	13.98	13.39	13.28	13.55	2.75	ppb
Calcium	43-1	81598.02	81849.53	81041.25	81496.27	0.51	ppb
Calcium	44-1	80329.81	79872.44	80852.52	80351.59	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.61	37.26	37.52	37.13	1.26	ppb
Cobalt	59-2	27.99	27.97	28.24	28.07	0.53	ppb
Copper	63-2	310.09	307.52	310.48	309.36	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				113		%
Indium	115-2				97		%
Iron	54-2	80564.08	80755.18	80024.15	80447.80	0.47	ppb
Iron	56-2	81044.73	79743.36	80116.64	80301.58	0.83	ppb
Iron	57-2	82171.96	80191.37	81574.84	81312.72	1.25	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-04	Instrumnet Name :	P8
Client Sample ID :	MH1EX7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:08:19	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1058.90	1031.03	1049.65	1046.52	1.36	ppb
Lead	207-1	1002.94	996.19	1049.49	1016.21	2.86	ppb
Lead	208-1	1018.56	1011.36	1063.94	1031.28	2.76	ppb
Lithium	6-1				114		%
Magnesium	24-2	12620.73	12236.29	12614.07	12490.36	1.76	ppb
Manganese	55-2	3052.29	3066.59	3033.38	3050.75	0.55	ppb
Molybdenum	94-1	8.56	8.52	8.71	8.59	1.15	ppb
Molybdenum	95-1	4.04	3.97	4.07	4.03	1.18	ppb
Molybdenum	96-1	4.90	5.08	5.29	5.09	3.86	ppb
Molybdenum	97-1	3.94	4.02	4.12	4.03	2.36	ppb
Molybdenum	98-1	3.96	3.83	4.08	3.96	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.31	82.14	84.02	83.49	1.42	ppb
Phosphorus	31-2	6143.74	5744.68	5807.10	5898.51	3.64	ppb
Potassium	39-2	6831.79	6814.44	6905.00	6850.41	0.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				98		%
Selenium	82-1	2.90	2.53	3.37	2.94	14.35	ppb
Selenium	77-2	39.25	46.15	56.66	47.35	18.52	ppb
Selenium	78-2	9.50	7.34	9.05	8.63	13.24	ppb
Silicon	28-1	2065.74	1988.00	2453.03	2168.93	11.48	ppb
Silver	107-1	5.28	5.32	5.21	5.27	0.99	ppb
Silver	109-1	5.43	5.36	5.36	5.38	0.74	ppb
Sodium	23-2	782.19	759.00	775.90	772.36	1.55	ppb
Strontium	86-1	399.63	387.95	425.57	404.38	4.76	ppb
Strontium	88-1	399.68	393.67	406.90	400.08	1.66	ppb
Sulfur	34-1	-646.93	-766.98	-465.83	-626.58		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.98	1.07	1.01	1.02	4.42	ppb
Thallium	205-1	0.94	1.06	0.98	1.00	6.06	ppb
Tin	118-1	28.79	29.44	29.51	29.25	1.37	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-04	Instrumnet Name :	P8
Client Sample ID :	MH1EX7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:08:19	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	310.18	304.07	310.80	308.35	1.21	ppb
Uranium	238-1	5.40	5.31	5.32	5.35	0.90	ppb
Vanadium	51-2	103.05	101.96	103.18	102.73	0.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				105		%
Zinc	66-2	3002.66	2981.15	3053.32	3012.38	1.23	ppb
Zirconium	90-1	2.83	2.79	3.04	2.89	4.70	ppb
Zirconium	91-1	2.93	2.80	2.98	2.90	3.14	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-05	Instrumnet Name :	P8
Client Sample ID :	MH1EX8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:11:12	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34392.04	34702.11	31428.12	33507.43	5.39	ppb
Antimony	121-1	1.69	1.74	1.82	1.75	3.81	ppb
Arsenic	75-2	32.77	32.38	30.95	32.03	3.00	ppb
Barium	135-1	684.77	706.36	688.59	693.24	1.66	ppb
Barium	137-1	705.95	731.71	711.16	716.27	1.90	ppb
Beryllium	9-1	2.92	2.96	2.96	2.95	0.69	ppb
Bismuth	209-1				111		%
Bismuth	209-2				99		%
Boron	10-1	36.69	39.36	37.84	37.96	3.54	ppb
Boron	11-1	39.04	37.66	37.94	38.21	1.91	ppb
Bromine	81-1						cps
Cadmium	111-1	8.15	8.13	7.94	8.07	1.45	ppb
Cadmium	106-1	7.20	9.11	7.52	7.94	12.89	ppb
Cadmium	108-1	7.48	7.72	7.17	7.45	3.71	ppb
Calcium	43-1	86329.85	89769.76	89290.73	88463.45	2.11	ppb
Calcium	44-1	86855.29	89526.41	90216.04	88865.91	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.37	40.65	38.08	40.04	4.32	ppb
Cobalt	59-2	29.18	28.03	26.36	27.86	5.10	ppb
Copper	63-2	190.09	189.61	177.89	185.86	3.72	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				109		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	54-2	75952.41	75623.24	70935.53	74170.39	3.78	ppb
Iron	56-2	75738.80	76498.50	70303.88	74180.39	4.55	ppb
Iron	57-2	79042.98	75626.80	71023.81	75231.20	5.35	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-05	Instrumnet Name :	P8
Client Sample ID :	MH1EX8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:11:12	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	447.80	461.55	471.72	460.36	2.61	ppb
Lead	207-1	410.01	431.79	429.76	423.85	2.84	ppb
Lead	208-1	445.20	457.64	455.51	452.78	1.47	ppb
Lithium	6-1				112		%
Magnesium	24-2	16072.28	15669.77	14516.26	15419.44	5.24	ppb
Manganese	55-2	2075.18	2034.93	1890.54	2000.22	4.85	ppb
Molybdenum	94-1	7.16	7.70	7.52	7.46	3.69	ppb
Molybdenum	95-1	3.69	4.04	4.16	3.96	6.18	ppb
Molybdenum	96-1	4.74	5.20	4.96	4.97	4.62	ppb
Molybdenum	97-1	3.87	4.02	3.95	3.95	1.84	ppb
Molybdenum	98-1	3.95	4.07	4.14	4.05	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.20	97.19	89.47	94.95	5.03	ppb
Phosphorus	31-2	5130.51	5084.28	4629.08	4947.96	5.60	ppb
Potassium	39-2	8226.32	8078.89	7630.75	7978.65	3.89	ppb
Rhodium	103-1				105		%
Rhodium	103-2				94		%
Scandium	45-1				108		%
Scandium	45-2				94		%
Selenium	82-1	3.24	3.33	2.36	2.98	18.14	ppb
Selenium	77-2	55.50	65.04	63.26	61.27	8.29	ppb
Selenium	78-2	10.08	12.40	12.11	11.53	10.93	ppb
Silicon	28-1	2188.46	2142.23	2197.29	2175.99	1.36	ppb
Silver	107-1	2.65	2.71	2.67	2.68	1.14	ppb
Silver	109-1	2.77	2.71	2.74	2.74	1.11	ppb
Sodium	23-2	638.19	631.42	591.69	620.43	4.05	ppb
Strontium	86-1	303.92	320.84	315.14	313.30	2.75	ppb
Strontium	88-1	304.11	313.79	312.96	310.29	1.73	ppb
Sulfur	34-1	-267.20	-661.84	-440.16	-456.40		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	0.91	1.02	0.94	0.96	5.96	ppb
Thallium	205-1	0.91	0.98	0.95	0.95	4.05	ppb
Tin	118-1	12.15	12.06	12.26	12.16	0.80	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-05	Instrumnet Name :	P8
Client Sample ID :	MH1EX8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:11:12	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	222.76	214.24	219.84	218.95	1.98	ppb
Uranium	238-1	5.03	5.18	5.08	5.10	1.47	ppb
Vanadium	51-2	132.78	129.40	120.58	127.59	4.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				103		%
Zinc	66-2	1368.43	1353.95	1253.19	1325.19	4.74	ppb
Zirconium	90-1	2.15	2.25	2.25	2.21	2.72	ppb
Zirconium	91-1	2.02	2.26	2.21	2.16	5.70	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-06	Instrumnet Name :	P8
Client Sample ID :	MH1EX9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:14:07	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25606.64	25302.17	25679.74	25529.52	0.78	ppb
Antimony	121-1	2.17	2.10	2.31	2.19	4.77	ppb
Arsenic	75-2	25.41	26.02	25.37	25.60	1.42	ppb
Barium	135-1	752.28	731.03	767.03	750.11	2.41	ppb
Barium	137-1	764.42	751.94	785.59	767.32	2.22	ppb
Beryllium	9-1	2.53	2.56	2.77	2.62	4.93	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	50.23	53.79	60.28	54.77	9.30	ppb
Boron	11-1	51.10	56.15	59.32	55.53	7.46	ppb
Bromine	81-1						cps
Cadmium	111-1	9.54	8.89	9.32	9.25	3.54	ppb
Cadmium	106-1	11.02	8.20	10.27	9.83	14.84	ppb
Cadmium	108-1	9.57	9.57	9.19	9.44	2.29	ppb
Calcium	43-1	91982.24	96265.73	96925.88	95057.95	2.82	ppb
Calcium	44-1	91669.53	93741.10	93543.76	92984.80	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.30	74.72	75.96	75.33	0.83	ppb
Cobalt	59-2	23.27	23.80	23.49	23.52	1.13	ppb
Copper	63-2	188.52	198.05	192.35	192.97	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				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	71457.51	73008.89	72592.67	72353.02	1.11	ppb
Iron	56-2	73473.87	75768.84	73103.69	74115.46	1.95	ppb
Iron	57-2	72729.51	75960.31	74330.45	74340.09	2.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-06	Instrumnet Name :	P8
Client Sample ID :	MH1EX9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:14:07	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	656.42	687.63	689.63	677.90	2.75	ppb
Lead	207-1	644.84	676.11	686.87	669.27	3.26	ppb
Lead	208-1	647.97	679.97	681.98	669.97	2.85	ppb
Lithium	6-1				110		%
Magnesium	24-2	15039.41	15152.57	15325.02	15172.33	0.95	ppb
Manganese	55-2	2462.06	2562.51	2463.80	2496.12	2.30	ppb
Molybdenum	94-1	7.50	6.99	7.11	7.20	3.67	ppb
Molybdenum	95-1	4.33	4.29	4.04	4.22	3.76	ppb
Molybdenum	96-1	5.11	5.16	4.87	5.05	3.07	ppb
Molybdenum	97-1	4.20	4.41	4.05	4.22	4.26	ppb
Molybdenum	98-1	4.14	4.22	4.06	4.14	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.09	63.37	64.29	63.58	0.99	ppb
Phosphorus	31-2	6778.20	6536.28	6460.86	6591.78	2.52	ppb
Potassium	39-2	9288.00	9469.90	9533.61	9430.50	1.35	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	2.79	3.18	3.18	3.05	7.32	ppb
Selenium	77-2	36.70	47.98	42.48	42.38	13.30	ppb
Selenium	78-2	8.72	11.09	7.22	9.01	21.69	ppb
Silicon	28-1	2428.93	2531.13	2553.69	2504.58	2.65	ppb
Silver	107-1	3.31	3.18	3.31	3.27	2.23	ppb
Silver	109-1	3.21	3.23	3.45	3.30	4.12	ppb
Sodium	23-2	527.96	533.21	525.53	528.90	0.74	ppb
Strontium	86-1	368.27	361.89	352.21	360.79	2.24	ppb
Strontium	88-1	363.69	353.04	348.58	355.10	2.19	ppb
Sulfur	34-1	877.27	1402.14	1676.82	1318.74	30.81	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.68	0.61	0.65	0.65	5.10	ppb
Thallium	205-1	0.65	0.72	0.71	0.69	5.73	ppb
Tin	118-1	15.35	15.58	16.22	15.72	2.87	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-06	Instrumnet Name :	P8
Client Sample ID :	MH1EX9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:14:07	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	291.98	306.26	296.06	298.10	2.47	ppb
Uranium	238-1	4.21	4.22	4.22	4.22	0.15	ppb
Vanadium	51-2	99.85	103.31	101.09	101.42	1.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	2167.70	2175.43	2159.61	2167.58	0.36	ppb
Zirconium	90-1	1.93	1.87	1.79	1.86	3.66	ppb
Zirconium	91-1	1.76	1.89	1.82	1.82	3.64	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4900-07 Instrumnet Name : P8
 Client Sample ID : MH1EY0 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 14:17:01 DataFile Name : 062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27943.07	27299.58	28224.59	27822.41	1.70	ppb
Antimony	121-1	2.47	2.26	2.39	2.37	4.58	ppb
Arsenic	75-2	35.96	36.30	35.74	36.00	0.78	ppb
Barium	135-1	1028.78	977.24	969.82	991.94	3.24	ppb
Barium	137-1	1057.02	955.70	997.51	1003.41	5.07	ppb
Beryllium	9-1	2.91	3.16	3.03	3.03	4.21	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	44.59	47.27	48.48	46.78	4.26	ppb
Boron	11-1	43.74	47.87	47.93	46.51	5.16	ppb
Bromine	81-1						cps
Cadmium	111-1	15.19	14.12	15.07	14.79	3.98	ppb
Cadmium	106-1	15.01	13.45	15.06	14.51	6.31	ppb
Cadmium	108-1	13.34	13.85	14.40	13.86	3.83	ppb
Calcium	43-1	94369.15	101291.28	96011.05	97223.83	3.72	ppb
Calcium	44-1	94509.54	98883.13	98295.28	97229.32	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.48	50.45	50.62	50.52	0.18	ppb
Cobalt	59-2	29.37	29.14	29.21	29.24	0.41	ppb
Copper	63-2	293.27	293.25	294.20	293.57	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				96		%
Iron	54-2	84250.27	83088.02	87928.11	85088.80	2.97	ppb
Iron	56-2	85113.42	84821.86	85350.72	85095.33	0.31	ppb
Iron	57-2	85519.96	85482.60	87915.63	86306.06	1.62	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-07	Instrumnet Name :	P8
Client Sample ID :	MH1EY0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:17:01	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1076.37	1001.70	1093.17	1057.08	4.61	ppb
Lead	207-1	1044.33	998.48	1063.45	1035.42	3.22	ppb
Lead	208-1	1051.23	1002.04	1058.68	1037.32	2.97	ppb
Lithium	6-1				117		%
Magnesium	24-2	14491.98	14581.34	14669.61	14580.98	0.61	ppb
Manganese	55-2	3083.55	3002.48	3091.72	3059.25	1.61	ppb
Molybdenum	94-1	8.29	8.65	8.45	8.46	2.14	ppb
Molybdenum	95-1	4.25	4.06	4.10	4.14	2.47	ppb
Molybdenum	96-1	5.32	4.86	5.03	5.07	4.53	ppb
Molybdenum	97-1	4.19	4.01	4.07	4.09	2.20	ppb
Molybdenum	98-1	4.11	3.99	4.11	4.07	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.09	79.96	79.05	79.70	0.71	ppb
Phosphorus	31-2	5314.11	5460.96	5507.07	5427.38	1.86	ppb
Potassium	39-2	8776.44	8827.48	9063.08	8889.00	1.72	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				111		%
Scandium	45-2				98		%
Selenium	82-1	2.92	3.02	2.86	2.94	2.80	ppb
Selenium	77-2	41.16	55.57	42.75	46.49	16.98	ppb
Selenium	78-2	10.26	11.15	12.57	11.33	10.27	ppb
Silicon	28-1	2403.73	2496.60	2688.29	2529.54	5.74	ppb
Silver	107-1	5.51	5.14	5.35	5.33	3.47	ppb
Silver	109-1	5.58	5.34	5.59	5.50	2.57	ppb
Sodium	23-2	611.74	605.72	626.76	614.74	1.76	ppb
Strontium	86-1	421.22	414.28	407.61	414.37	1.64	ppb
Strontium	88-1	392.02	401.49	405.83	399.78	1.77	ppb
Sulfur	34-1	-166.09	305.11	758.07	299.03	154.54	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.96	0.90	0.86	0.91	5.18	ppb
Thallium	205-1	0.94	0.86	0.98	0.92	6.63	ppb
Tin	118-1	25.52	24.06	24.30	24.63	3.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-07	Instrumnet Name :	P8
Client Sample ID :	MH1EY0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:17:01	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	302.24	307.08	316.75	308.69	2.39	ppb
Uranium	238-1	4.93	4.85	4.87	4.88	0.86	ppb
Vanadium	51-2	107.90	108.28	110.95	109.05	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				106		%
Zinc	66-2	3086.14	3069.44	3095.73	3083.77	0.43	ppb
Zirconium	90-1	2.47	2.63	2.49	2.53	3.44	ppb
Zirconium	91-1	2.67	2.51	2.63	2.60	3.18	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-08	Instrumnet Name :	P8
Client Sample ID :	MH1EY1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:19:56	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30084.41	30343.96	29667.41	30031.93	1.14	ppb
Antimony	121-1	2.68	2.84	2.88	2.80	3.85	ppb
Arsenic	75-2	38.25	37.96	37.01	37.74	1.71	ppb
Barium	135-1	869.28	900.85	903.98	891.37	2.15	ppb
Barium	137-1	873.61	944.25	968.73	928.86	5.32	ppb
Beryllium	9-1	3.26	3.46	3.56	3.43	4.49	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	43.25	47.10	49.12	46.49	6.42	ppb
Boron	11-1	44.39	48.10	48.29	46.93	4.69	ppb
Bromine	81-1						cps
Cadmium	111-1	16.99	16.71	17.63	17.11	2.77	ppb
Cadmium	106-1	18.10	16.44	17.79	17.44	5.08	ppb
Cadmium	108-1	15.57	16.11	16.68	16.12	3.44	ppb
Calcium	43-1	85834.55	80291.43	82153.01	82759.66	3.41	ppb
Calcium	44-1	82849.56	78787.17	82270.14	81302.29	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.96	41.30	40.67	40.97	0.77	ppb
Cobalt	59-2	29.84	29.03	29.19	29.35	1.45	ppb
Copper	63-2	339.46	332.80	329.92	334.06	1.46	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				112		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				96		%
Iron	54-2	82741.40	81786.44	81580.48	82036.11	0.76	ppb
Iron	56-2	83240.31	82799.48	81583.01	82540.93	1.04	ppb
Iron	57-2	84799.57	82919.96	83445.70	83721.74	1.16	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-08	Instrumnet Name :	P8
Client Sample ID :	MH1EY1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:19:56	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1070.45	1083.34	1090.15	1081.31	0.93	ppb
Lead	207-1	1052.98	1058.50	1075.17	1062.22	1.09	ppb
Lead	208-1	1054.86	1045.05	1070.69	1056.87	1.22	ppb
Lithium	6-1				112		%
Magnesium	24-2	13951.16	13684.77	13829.83	13821.92	0.96	ppb
Manganese	55-2	3084.22	3140.61	3098.34	3107.72	0.94	ppb
Molybdenum	94-1	9.26	9.25	8.86	9.12	2.51	ppb
Molybdenum	95-1	3.95	3.95	4.02	3.97	0.96	ppb
Molybdenum	96-1	4.93	4.97	5.47	5.12	5.90	ppb
Molybdenum	97-1	3.90	3.62	4.08	3.87	5.98	ppb
Molybdenum	98-1	3.81	3.81	3.73	3.79	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.80	80.47	80.44	80.24	0.48	ppb
Phosphorus	31-2	5097.48	4872.15	5123.49	5031.04	2.75	ppb
Potassium	39-2	7582.53	7538.08	7280.28	7466.97	2.19	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	3.09	2.27	2.26	2.54	18.73	ppb
Selenium	77-2	49.41	43.87	56.73	50.00	12.90	ppb
Selenium	78-2	12.05	9.16	9.68	10.30	14.93	ppb
Silicon	28-1	2026.87	1938.50	2051.45	2005.61	2.96	ppb
Silver	107-1	6.60	6.84	7.07	6.84	3.49	ppb
Silver	109-1	6.73	7.17	7.22	7.04	3.86	ppb
Sodium	23-2	824.70	813.49	787.97	808.72	2.33	ppb
Strontium	86-1	377.32	396.23	402.96	392.17	3.39	ppb
Strontium	88-1	388.63	385.76	396.24	390.21	1.39	ppb
Sulfur	34-1	449.94	-339.84	164.92	91.67	436.28	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1.05	1.07	0.96	1.03	5.89	ppb
Thallium	205-1	1.05	1.00	1.12	1.06	5.75	ppb
Tin	118-1	34.42	35.23	37.08	35.58	3.83	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-08	Instrumnet Name :	P8
Client Sample ID :	MH1EY1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:19:56	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	306.73	302.16	301.91	303.60	0.89	ppb
Uranium	238-1	4.66	4.53	4.79	4.66	2.78	ppb
Vanadium	51-2	109.23	109.50	107.62	108.78	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				107		%
Zinc	66-2	2797.65	2765.20	2715.07	2759.31	1.51	ppb
Zirconium	90-1	3.18	3.09	3.19	3.15	1.86	ppb
Zirconium	91-1	3.20	3.22	3.31	3.24	1.90	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-09	Instrumnet Name :	P8
Client Sample ID :	MH1EY2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:22:49	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31591.33	33469.38	31442.93	32167.88	3.51	ppb
Antimony	121-1	1.88	1.81	1.96	1.88	3.84	ppb
Arsenic	75-2	32.05	35.17	33.90	33.71	4.66	ppb
Barium	135-1	678.02	663.08	688.54	676.54	1.89	ppb
Barium	137-1	679.29	665.85	667.34	670.83	1.10	ppb
Beryllium	9-1	3.06	2.86	2.93	2.95	3.44	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	32.26	31.43	33.52	32.40	3.25	ppb
Boron	11-1	32.44	31.66	34.90	33.00	5.13	ppb
Bromine	81-1						cps
Cadmium	111-1	7.36	7.25	6.61	7.07	5.70	ppb
Cadmium	106-1	8.60	7.74	6.63	7.66	12.93	ppb
Cadmium	108-1	6.23	6.04	7.40	6.55	11.28	ppb
Calcium	43-1	72349.52	70835.81	70582.34	71255.89	1.34	ppb
Calcium	44-1	71737.71	71176.74	71198.57	71371.01	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.68	39.55	37.29	38.50	2.96	ppb
Cobalt	59-2	26.09	27.11	25.97	26.39	2.37	ppb
Copper	63-2	174.34	184.82	172.73	177.30	3.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	65933.88	70552.02	67775.58	68087.16	3.41	ppb
Iron	56-2	67061.63	70498.04	64956.20	67505.29	4.14	ppb
Iron	57-2	66648.74	69859.40	64779.31	67095.82	3.83	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-09	Instrumnet Name :	P8
Client Sample ID :	MH1EY2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:22:49	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	361.60	353.15	360.42	358.39	1.28	ppb
Lead	207-1	358.56	352.59	360.81	357.32	1.19	ppb
Lead	208-1	371.62	364.22	372.08	369.30	1.19	ppb
Lithium	6-1				109		%
Magnesium	24-2	14516.10	15328.44	14603.95	14816.16	3.01	ppb
Manganese	55-2	1722.48	1830.79	1719.46	1757.58	3.61	ppb
Molybdenum	94-1	6.67	7.34	7.36	7.12	5.53	ppb
Molybdenum	95-1	3.71	3.89	3.98	3.86	3.52	ppb
Molybdenum	96-1	4.62	4.85	4.74	4.74	2.46	ppb
Molybdenum	97-1	4.00	3.81	3.81	3.87	2.95	ppb
Molybdenum	98-1	3.83	3.75	3.96	3.85	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.14	79.22	73.08	74.81	5.14	ppb
Phosphorus	31-2	4012.60	4282.38	4044.68	4113.22	3.58	ppb
Potassium	39-2	7779.66	8322.29	7783.25	7961.73	3.92	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				96		%
Selenium	82-1	3.28	2.52	2.85	2.89	13.20	ppb
Selenium	77-2	53.87	62.31	58.28	58.15	7.26	ppb
Selenium	78-2	8.26	13.40	11.09	10.92	23.55	ppb
Silicon	28-1	2053.05	2032.75	2109.09	2064.97	1.91	ppb
Silver	107-1	2.78	2.62	2.62	2.67	3.37	ppb
Silver	109-1	2.85	2.75	2.70	2.76	2.77	ppb
Sodium	23-2	560.00	605.20	561.93	575.71	4.44	ppb
Strontium	86-1	254.81	274.60	275.48	268.30	4.36	ppb
Strontium	88-1	258.99	272.77	267.25	266.34	2.60	ppb
Sulfur	34-1	-350.84	-646.91	-841.68	-613.14		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.96	0.99	0.95	4.80	ppb
Thallium	205-1	0.93	0.98	0.95	0.95	2.38	ppb
Tin	118-1	10.67	10.75	11.46	10.96	3.94	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-09	Instrumnet Name :	P8
Client Sample ID :	MH1EY2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:22:49	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	185.02	185.15	183.81	184.66	0.40	ppb
Uranium	238-1	4.34	4.32	4.31	4.32	0.31	ppb
Vanadium	51-2	118.30	126.30	117.59	120.73	4.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				107		%
Zinc	66-2	928.18	992.58	935.81	952.19	3.70	ppb
Zirconium	90-1	2.02	2.06	2.10	2.06	1.73	ppb
Zirconium	91-1	2.08	1.93	2.02	2.01	3.53	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-10	Instrumnet Name :	P8
Client Sample ID :	MH1EY7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:25:44	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26927.03	30232.77	31982.44	29714.08	8.64	ppb
Antimony	121-1	2.14	2.06	2.09	2.10	1.97	ppb
Arsenic	75-2	29.21	29.91	33.17	30.76	6.87	ppb
Barium	135-1	657.20	598.83	622.49	626.18	4.69	ppb
Barium	137-1	678.99	633.97	644.16	652.37	3.62	ppb
Beryllium	9-1	2.66	2.80	2.75	2.73	2.50	ppb
Bismuth	209-1				113		%
Bismuth	209-2				95		%
Boron	10-1	37.08	39.00	40.79	38.96	4.75	ppb
Boron	11-1	38.07	39.37	41.31	39.58	4.11	ppb
Bromine	81-1						cps
Cadmium	111-1	11.06	9.76	10.56	10.46	6.28	ppb
Cadmium	106-1	12.04	10.18	12.76	11.66	11.43	ppb
Cadmium	108-1	10.50	10.10	8.88	9.83	8.60	ppb
Calcium	43-1	81313.22	87478.39	83423.86	84071.82	3.73	ppb
Calcium	44-1	81799.31	85598.23	83775.87	83724.47	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.19	81.61	91.22	82.00	11.00	ppb
Cobalt	59-2	26.02	28.62	32.00	28.88	10.38	ppb
Copper	63-2	211.71	229.70	261.34	234.25	10.73	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				111		%
Holmium	165-2				96		%
Indium	115-1				109		%
Indium	115-2				90		%
Iron	54-2	77002.69	85494.82	95277.27	85924.93	10.64	ppb
Iron	56-2	75877.96	86007.28	94910.84	85598.70	11.13	ppb
Iron	57-2	77686.26	87405.15	93388.85	86160.09	9.20	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-10	Instrumnet Name :	P8
Client Sample ID :	MH1EY7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:25:44	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	666.11	709.33	697.02	690.82	3.22	ppb
Lead	207-1	655.44	683.49	676.40	671.77	2.17	ppb
Lead	208-1	661.30	684.35	677.55	674.40	1.76	ppb
Lithium	6-1				113		%
Magnesium	24-2	14767.46	15865.28	17804.71	16145.82	9.53	ppb
Manganese	55-2	2618.80	2861.26	3196.61	2892.22	10.03	ppb
Molybdenum	94-1	7.82	8.10	7.78	7.90	2.20	ppb
Molybdenum	95-1	4.75	4.77	4.69	4.74	0.90	ppb
Molybdenum	96-1	5.62	5.43	5.50	5.52	1.76	ppb
Molybdenum	97-1	4.92	4.65	4.58	4.72	3.79	ppb
Molybdenum	98-1	4.54	4.74	4.54	4.60	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.25	80.95	89.18	81.13	9.81	ppb
Phosphorus	31-2	5553.09	5654.19	6471.57	5892.95	8.55	ppb
Potassium	39-2	9136.52	10344.32	11520.94	10333.93	11.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				92		%
Scandium	45-1				109		%
Scandium	45-2				90		%
Selenium	82-1	3.07	3.56	3.92	3.52	12.15	ppb
Selenium	77-2	45.85	67.94	68.10	60.63	21.11	ppb
Selenium	78-2	9.56	10.19	13.98	11.24	21.26	ppb
Silicon	28-1	2503.72	2644.44	2479.34	2542.50	3.51	ppb
Silver	107-1	3.99	3.49	3.77	3.75	6.76	ppb
Silver	109-1	3.98	3.60	3.76	3.78	4.99	ppb
Sodium	23-2	430.85	492.40	550.48	491.24	12.18	ppb
Strontium	86-1	308.65	310.70	311.87	310.41	0.52	ppb
Strontium	88-1	311.04	309.95	304.03	308.34	1.22	ppb
Sulfur	34-1	267.84	885.12	295.43	482.80	72.22	ppb
Terbium	159-1				111		%
Terbium	159-2				99		%
Thallium	203-1	0.73	0.77	0.84	0.78	7.15	ppb
Thallium	205-1	0.77	0.81	0.84	0.81	4.72	ppb
Tin	118-1	17.18	16.16	16.46	16.60	3.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-10	Instrumnet Name :	P8
Client Sample ID :	MH1EY7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:25:44	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	274.69	277.49	273.93	275.37	0.68	ppb
Uranium	238-1	5.39	5.50	5.45	5.45	1.02	ppb
Vanadium	51-2	112.75	126.57	139.91	126.41	10.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				99		%
Zinc	66-2	2318.48	2582.20	2832.96	2577.88	9.98	ppb
Zirconium	90-1	2.01	2.07	2.06	2.05	1.48	ppb
Zirconium	91-1	1.96	2.02	2.24	2.07	6.94	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4900-11 Instrumnet Name : P8
 Client Sample ID : MH1EY8 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 14:28:38 DataFile Name : 066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27408.64	29529.58	28273.10	28403.77	3.75	ppb
Antimony	121-1	2.29	2.28	2.32	2.29	0.86	ppb
Arsenic	75-2	36.03	38.16	35.25	36.48	4.13	ppb
Barium	135-1	707.63	674.53	729.40	703.85	3.92	ppb
Barium	137-1	737.08	697.89	746.88	727.28	3.56	ppb
Beryllium	9-1	2.98	2.92	2.75	2.88	4.28	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	34.39	33.17	33.70	33.76	1.81	ppb
Boron	11-1	34.08	36.09	34.97	35.05	2.87	ppb
Bromine	81-1						cps
Cadmium	111-1	16.23	15.63	16.28	16.05	2.25	ppb
Cadmium	106-1	17.93	15.38	19.30	17.54	11.33	ppb
Cadmium	108-1	15.22	15.16	17.04	15.81	6.77	ppb
Calcium	43-1	99340.86	98418.43	98661.50	98806.93	0.48	ppb
Calcium	44-1	98748.79	99534.29	96609.52	98297.53	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.18	52.71	50.45	51.12	2.72	ppb
Cobalt	59-2	28.16	30.72	28.81	29.23	4.56	ppb
Copper	63-2	283.63	300.89	283.18	289.24	3.49	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				114		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	85738.57	91277.28	86934.34	87983.40	3.31	ppb
Iron	56-2	85321.71	94383.13	88719.82	89474.88	5.12	ppb
Iron	57-2	87186.48	94299.15	88236.33	89907.32	4.27	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-11	Instrumnet Name :	P8
Client Sample ID :	MH1EY8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:28:38	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	954.52	970.85	1038.54	987.97	4.51	ppb
Lead	207-1	939.07	950.90	1015.89	968.62	4.27	ppb
Lead	208-1	957.36	971.22	1005.70	978.09	2.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	14690.06	15191.56	14834.57	14905.40	1.73	ppb
Manganese	55-2	3242.28	3487.52	3384.13	3371.31	3.65	ppb
Molybdenum	94-1	7.57	7.49	7.17	7.41	2.84	ppb
Molybdenum	95-1	4.54	4.46	4.10	4.37	5.43	ppb
Molybdenum	96-1	5.26	5.43	5.17	5.29	2.46	ppb
Molybdenum	97-1	4.28	4.60	4.13	4.34	5.53	ppb
Molybdenum	98-1	4.26	4.27	4.17	4.23	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.36	90.72	86.28	87.12	3.74	ppb
Phosphorus	31-2	4319.17	5008.72	4624.48	4650.79	7.43	ppb
Potassium	39-2	7177.92	7723.12	7427.60	7442.88	3.67	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				95		%
Selenium	82-1	1.89	3.79	3.41	3.03	33.09	ppb
Selenium	77-2	40.80	69.09	56.60	55.50	25.54	ppb
Selenium	78-2	9.38	11.06	9.12	9.85	10.67	ppb
Silicon	28-1	2492.69	2460.43	2396.27	2449.80	2.00	ppb
Silver	107-1	5.64	5.47	5.54	5.55	1.52	ppb
Silver	109-1	5.70	5.42	5.82	5.64	3.62	ppb
Sodium	23-2	474.61	508.46	488.85	490.64	3.46	ppb
Strontium	86-1	338.99	341.77	328.03	336.26	2.16	ppb
Strontium	88-1	336.44	336.86	334.55	335.95	0.37	ppb
Sulfur	34-1	117.99	-261.88	-205.36	-116.42		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.87	0.95	1.10	0.97	11.86	ppb
Thallium	205-1	0.93	1.00	1.04	0.99	5.27	ppb
Tin	118-1	19.69	19.74	20.09	19.84	1.11	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-11	Instrumnet Name :	P8
Client Sample ID :	MH1EY8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:28:38	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	269.04	270.31	262.32	267.22	1.61	ppb
Uranium	238-1	4.86	4.72	5.01	4.86	2.97	ppb
Vanadium	51-2	111.57	118.52	113.07	114.38	3.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				104		%
Zinc	66-2	3170.44	3387.19	3201.98	3253.21	3.60	ppb
Zirconium	90-1	2.04	2.05	1.96	2.02	2.45	ppb
Zirconium	91-1	1.92	1.91	1.93	1.92	0.65	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-12	Instrumnet Name :	P8
Client Sample ID :	MH1EY9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:31:33	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29846.96	30318.99	31049.16	30405.04	1.99	ppb
Antimony	121-1	2.31	2.47	2.43	2.40	3.48	ppb
Arsenic	75-2	40.86	41.47	41.08	41.14	0.74	ppb
Barium	135-1	804.95	804.35	782.33	797.21	1.62	ppb
Barium	137-1	805.26	851.35	819.08	825.23	2.87	ppb
Beryllium	9-1	3.27	3.38	3.25	3.30	2.11	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	31.68	31.73	32.17	31.86	0.85	ppb
Boron	11-1	32.49	33.56	33.01	33.02	1.63	ppb
Bromine	81-1						cps
Cadmium	111-1	19.76	20.38	19.98	20.04	1.57	ppb
Cadmium	106-1	20.39	21.87	18.26	20.17	8.99	ppb
Cadmium	108-1	18.19	17.40	18.05	17.88	2.36	ppb
Calcium	43-1	113110.25	112755.97	108187.26	111351.16	2.47	ppb
Calcium	44-1	111611.83	111751.58	110801.91	111388.44	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.29	40.96	41.01	40.75	0.98	ppb
Cobalt	59-2	31.78	32.53	32.69	32.34	1.50	ppb
Copper	63-2	350.75	359.37	362.71	357.61	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	54-2	95136.12	95185.88	95411.30	95244.43	0.15	ppb
Iron	56-2	95511.42	92894.92	95645.58	94683.97	1.64	ppb
Iron	57-2	94258.91	95378.58	94472.53	94703.34	0.63	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-12	Instrumnet Name :	P8
Client Sample ID :	MH1EY9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:31:33	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1138.89	1161.55	1160.40	1153.61	1.11	ppb
Lead	207-1	1160.50	1173.30	1125.43	1153.08	2.15	ppb
Lead	208-1	1143.89	1136.03	1132.28	1137.40	0.52	ppb
Lithium	6-1				110		%
Magnesium	24-2	15032.03	15267.36	15588.40	15295.93	1.83	ppb
Manganese	55-2	3634.94	3574.15	3751.00	3653.36	2.46	ppb
Molybdenum	94-1	8.54	8.24	11.96	9.58	21.56	ppb
Molybdenum	95-1	4.80	4.80	4.91	4.84	1.37	ppb
Molybdenum	96-1	5.88	5.95	5.77	5.87	1.54	ppb
Molybdenum	97-1	4.74	4.57	4.77	4.69	2.30	ppb
Molybdenum	98-1	4.48	4.50	4.79	4.59	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.43	91.01	91.45	90.63	1.17	ppb
Phosphorus	31-2	4252.42	4282.74	4229.79	4254.98	0.62	ppb
Potassium	39-2	6743.42	6882.47	6921.69	6849.19	1.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	3.67	3.24	2.79	3.23	13.69	ppb
Selenium	77-2	45.93	45.07	62.92	51.31	19.61	ppb
Selenium	78-2	9.85	9.68	10.58	10.03	4.78	ppb
Silicon	28-1	2012.15	2022.32	2001.28	2011.92	0.52	ppb
Silver	107-1	6.86	6.97	6.76	6.87	1.51	ppb
Silver	109-1	6.77	7.19	7.07	7.01	3.09	ppb
Sodium	23-2	539.12	545.56	554.07	546.25	1.37	ppb
Strontium	86-1	377.81	382.13	386.77	382.24	1.17	ppb
Strontium	88-1	370.44	379.08	375.26	374.93	1.15	ppb
Sulfur	34-1	325.70	52.59	-205.16	57.71	460.02	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	1.27	1.38	1.23	1.29	5.99	ppb
Thallium	205-1	1.29	1.31	1.36	1.32	2.96	ppb
Tin	118-1	24.32	25.45	24.70	24.82	2.31	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-12	Instrumnet Name :	P8
Client Sample ID :	MH1EY9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:31:33	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	293.00	285.89	278.49	285.79	2.54	ppb
Uranium	238-1	5.32	5.46	5.28	5.35	1.78	ppb
Vanadium	51-2	116.29	120.16	119.81	118.76	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	3222.19	3201.79	3228.28	3217.42	0.43	ppb
Zirconium	90-1	2.48	2.38	2.44	2.43	2.13	ppb
Zirconium	91-1	2.44	2.48	2.36	2.43	2.39	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-13	Instrumnet Name :	P8
Client Sample ID :	MH1EZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:34:26	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28497.62	28058.88	28499.03	28351.84	0.89	ppb
Antimony	121-1	1.76	1.92	1.84	1.84	4.52	ppb
Arsenic	75-2	34.89	34.40	35.58	34.96	1.70	ppb
Barium	135-1	639.49	654.75	669.66	654.63	2.30	ppb
Barium	137-1	668.27	676.58	691.50	678.78	1.73	ppb
Beryllium	9-1	2.77	2.76	3.02	2.85	5.13	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	23.84	26.08	27.36	25.76	6.93	ppb
Boron	11-1	23.69	25.92	27.58	25.73	7.59	ppb
Bromine	81-1						cps
Cadmium	111-1	10.85	10.68	11.05	10.86	1.66	ppb
Cadmium	106-1	11.25	8.70	9.50	9.82	13.28	ppb
Cadmium	108-1	9.93	10.30	10.20	10.14	1.89	ppb
Calcium	43-1	72507.18	75834.72	76832.59	75058.16	3.02	ppb
Calcium	44-1	71187.58	74591.09	75178.15	73652.28	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.65	36.84	36.84	36.78	0.30	ppb
Cobalt	59-2	26.60	26.56	26.03	26.40	1.21	ppb
Copper	63-2	208.69	208.70	210.32	209.24	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				110		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	54-2	72536.43	71019.10	70440.69	71332.07	1.52	ppb
Iron	56-2	70419.82	70630.55	69822.06	70290.81	0.60	ppb
Iron	57-2	71986.06	70388.89	70957.97	71110.97	1.14	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-13	Instrumnet Name :	P8
Client Sample ID :	MH1EZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:34:26	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	546.78	592.35	567.29	568.81	4.01	ppb
Lead	207-1	535.76	580.80	551.67	556.08	4.11	ppb
Lead	208-1	541.87	581.48	561.98	561.78	3.53	ppb
Lithium	6-1				110		%
Magnesium	24-2	13394.69	13414.30	13220.94	13343.31	0.80	ppb
Manganese	55-2	2199.73	2165.13	2187.36	2184.07	0.80	ppb
Molybdenum	94-1	7.40	7.67	7.51	7.53	1.77	ppb
Molybdenum	95-1	4.22	4.39	4.26	4.29	2.12	ppb
Molybdenum	96-1	5.20	5.26	5.17	5.21	0.88	ppb
Molybdenum	97-1	4.22	4.42	4.28	4.31	2.33	ppb
Molybdenum	98-1	4.06	4.17	4.05	4.09	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.31	71.21	70.61	70.71	0.65	ppb
Phosphorus	31-2	3203.35	3369.91	3257.63	3276.96	2.59	ppb
Potassium	39-2	6928.32	6810.73	6958.70	6899.25	1.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	82-1	2.47	2.25	2.58	2.43	6.72	ppb
Selenium	77-2	53.13	50.68	58.56	54.12	7.45	ppb
Selenium	78-2	11.16	9.20	9.25	9.87	11.35	ppb
Silicon	28-1	1896.41	2049.39	2026.44	1990.75	4.14	ppb
Silver	107-1	3.55	3.59	3.65	3.60	1.45	ppb
Silver	109-1	3.53	3.58	3.64	3.58	1.41	ppb
Sodium	23-2	502.72	504.71	510.56	505.99	0.81	ppb
Strontium	86-1	283.30	286.71	281.63	283.88	0.91	ppb
Strontium	88-1	281.39	290.50	288.29	286.73	1.66	ppb
Sulfur	34-1	-702.77	-187.14	-273.06	-387.66		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.85	1.06	0.93	0.94	11.27	ppb
Thallium	205-1	0.93	1.05	0.93	0.97	7.13	ppb
Tin	118-1	13.28	13.55	13.54	13.46	1.15	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-13	Instrumnet Name :	P8
Client Sample ID :	MH1EZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:34:26	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	218.52	229.85	222.71	223.69	2.56	ppb
Uranium	238-1	4.71	5.08	4.89	4.89	3.79	ppb
Vanadium	51-2	106.80	106.80	107.36	106.99	0.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				106		%
Zinc	66-2	1512.29	1497.73	1522.92	1510.98	0.84	ppb
Zirconium	90-1	2.13	2.24	2.22	2.20	2.57	ppb
Zirconium	91-1	2.13	2.31	2.18	2.21	4.12	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-14	Instrumnet Name :	P8
Client Sample ID :	MH1EZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:37:21	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31796.90	32286.31	30218.42	31433.88	3.44	ppb
Antimony	121-1	3.33	3.44	3.40	3.39	1.55	ppb
Arsenic	75-2	29.32	29.73	29.79	29.61	0.87	ppb
Barium	135-1	795.06	805.36	836.77	812.40	2.67	ppb
Barium	137-1	832.40	863.27	873.26	856.31	2.49	ppb
Beryllium	9-1	4.26	4.64	4.59	4.50	4.63	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	55.97	65.50	67.59	63.02	9.82	ppb
Boron	11-1	54.74	65.13	66.34	62.07	10.27	ppb
Bromine	81-1						cps
Cadmium	111-1	10.50	10.58	11.47	10.85	4.94	ppb
Cadmium	106-1	9.87	13.76	11.70	11.78	16.53	ppb
Cadmium	108-1	11.81	11.00	10.12	10.98	7.73	ppb
Calcium	43-1	146043.56	148182.51	149203.02	147809.70	1.09	ppb
Calcium	44-1	140644.76	146428.19	144321.80	143798.25	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114.08	115.19	114.06	114.44	0.56	ppb
Cobalt	59-2	25.96	25.73	25.38	25.69	1.13	ppb
Copper	63-2	242.79	243.32	243.52	243.21	0.16	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				112		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				96		%
Iron	54-2	79579.39	79282.49	80749.18	79870.35	0.97	ppb
Iron	56-2	81482.55	78488.36	82480.58	80817.16	2.57	ppb
Iron	57-2	82340.60	79405.11	83446.65	81730.79	2.56	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-14	Instrumnet Name :	P8
Client Sample ID :	MH1EZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:37:21	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1179.22	1203.36	1195.27	1192.62	1.03	ppb
Lead	207-1	1156.12	1203.85	1175.96	1178.65	2.03	ppb
Lead	208-1	1157.70	1190.87	1181.16	1176.57	1.45	ppb
Lithium	6-1				113		%
Magnesium	24-2	19625.61	20060.87	19515.83	19734.10	1.46	ppb
Manganese	55-2	4396.66	4390.59	4475.95	4421.07	1.08	ppb
Molybdenum	94-1	8.96	10.30	9.15	9.47	7.66	ppb
Molybdenum	95-1	5.61	6.00	5.49	5.70	4.71	ppb
Molybdenum	96-1	6.31	6.88	6.46	6.55	4.51	ppb
Molybdenum	97-1	5.30	5.89	5.55	5.58	5.34	ppb
Molybdenum	98-1	5.40	5.57	5.31	5.43	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.39	72.62	71.10	72.04	1.14	ppb
Phosphorus	31-2	5850.26	5806.22	5824.82	5827.10	0.38	ppb
Potassium	39-2	10991.66	10917.03	10816.51	10908.40	0.81	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				96		%
Selenium	82-1	3.62	3.98	4.63	4.08	12.59	ppb
Selenium	77-2	44.75	53.78	47.86	48.79	9.40	ppb
Selenium	78-2	10.01	9.36	13.12	10.83	18.58	ppb
Silicon	28-1	5615.39	5482.51	5450.42	5516.11	1.59	ppb
Silver	107-1	3.81	3.91	3.92	3.88	1.57	ppb
Silver	109-1	3.76	3.98	3.97	3.91	3.18	ppb
Sodium	23-2	699.70	704.50	702.05	702.09	0.34	ppb
Strontium	86-1	502.12	523.46	512.15	512.58	2.08	ppb
Strontium	88-1	507.84	518.61	505.73	510.73	1.35	ppb
Sulfur	34-1	1927.57	1560.42	1442.28	1643.42	15.40	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.68	0.60	0.70	0.66	7.88	ppb
Thallium	205-1	0.66	0.64	0.66	0.65	1.80	ppb
Tin	118-1	21.79	21.99	22.08	21.95	0.68	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-14	Instrumnet Name :	P8
Client Sample ID :	MH1EZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:37:21	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	396.78	416.01	412.25	408.35	2.50	ppb
Uranium	238-1	5.73	5.96	5.90	5.86	2.07	ppb
Vanadium	51-2	108.25	107.44	109.40	108.36	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				106		%
Zinc	66-2	3007.72	3003.39	3006.98	3006.03	0.08	ppb
Zirconium	90-1	2.53	2.69	2.44	2.55	4.87	ppb
Zirconium	91-1	2.59	2.56	2.39	2.51	4.33	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-15	Instrumnet Name :	P8
Client Sample ID :	MH1EZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:40:15	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28071.22	27313.09	27728.59	27704.30	1.37	ppb
Antimony	121-1	2.62	3.06	2.66	2.78	8.82	ppb
Arsenic	75-2	36.44	36.43	35.54	36.14	1.43	ppb
Barium	135-1	718.44	838.92	722.83	760.07	8.99	ppb
Barium	137-1	759.86	884.63	730.36	791.62	10.34	ppb
Beryllium	9-1	3.19	3.73	3.28	3.40	8.55	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	39.94	47.39	42.11	43.15	8.88	ppb
Boron	11-1	42.12	47.70	43.10	44.31	6.73	ppb
Bromine	81-1						cps
Cadmium	111-1	15.53	18.27	15.29	16.37	10.12	ppb
Cadmium	106-1	14.37	19.99	13.93	16.09	20.99	ppb
Cadmium	108-1	14.90	16.54	15.49	15.64	5.32	ppb
Calcium	43-1	99105.99	119499.54	108849.02	109151.52	9.34	ppb
Calcium	44-1	99349.52	118644.13	105545.43	107846.36	9.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.17	51.46	51.52	51.39	0.37	ppb
Cobalt	59-2	28.85	28.64	28.12	28.54	1.32	ppb
Copper	63-2	296.15	297.27	292.11	295.18	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				109		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	93434.72	91882.28	92639.92	92652.30	0.84	ppb
Iron	56-2	95470.45	91772.76	91195.34	92812.85	2.50	ppb
Iron	57-2	94190.29	93108.94	93102.32	93467.18	0.67	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-15	Instrumnet Name :	P8
Client Sample ID :	MH1EZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:40:15	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1140.30	1294.70	1152.09	1195.70	7.19	ppb
Lead	207-1	1124.33	1271.53	1098.19	1164.68	8.02	ppb
Lead	208-1	1107.62	1265.33	1111.04	1161.33	7.76	ppb
Lithium	6-1				108		%
Magnesium	24-2	15099.26	14764.58	14804.53	14889.46	1.23	ppb
Manganese	55-2	3370.45	3371.47	3296.64	3346.19	1.28	ppb
Molybdenum	94-1	8.05	10.09	8.84	8.99	11.43	ppb
Molybdenum	95-1	4.27	5.14	4.70	4.70	9.24	ppb
Molybdenum	96-1	5.60	6.11	5.65	5.78	4.90	ppb
Molybdenum	97-1	4.58	5.13	4.65	4.78	6.22	ppb
Molybdenum	98-1	4.60	5.24	4.71	4.85	7.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.63	85.05	85.31	84.67	1.06	ppb
Phosphorus	31-2	5674.96	5434.60	5844.99	5651.51	3.65	ppb
Potassium	39-2	7776.46	7715.13	7787.96	7759.85	0.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	82-1	3.97	3.76	3.91	3.88	2.75	ppb
Selenium	77-2	52.05	55.14	50.69	52.63	4.33	ppb
Selenium	78-2	9.31	10.43	11.81	10.52	11.90	ppb
Silicon	28-1	2880.57	3538.45	3243.63	3220.88	10.23	ppb
Silver	107-1	4.97	5.80	4.98	5.25	9.07	ppb
Silver	109-1	5.04	5.69	5.00	5.24	7.35	ppb
Sodium	23-2	562.76	548.97	562.27	558.00	1.40	ppb
Strontium	86-1	371.26	449.07	388.19	402.84	10.16	ppb
Strontium	88-1	382.88	443.51	391.15	405.85	8.10	ppb
Sulfur	34-1	-494.11	2661.83	857.92	1008.55	156.99	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.89	0.96	0.91	0.92	3.98	ppb
Thallium	205-1	0.84	1.01	0.92	0.92	9.19	ppb
Tin	118-1	23.03	26.25	22.84	24.04	7.97	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-15	Instrumnet Name :	P8
Client Sample ID :	MH1EZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:40:15	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	306.77	381.10	324.26	337.38	11.52	ppb
Uranium	238-1	7.60	8.59	7.70	7.97	6.82	ppb
Vanadium	51-2	120.16	117.36	119.85	119.12	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				104		%
Zinc	66-2	3127.24	3064.19	3066.41	3085.95	1.16	ppb
Zirconium	90-1	2.45	2.90	2.52	2.62	9.29	ppb
Zirconium	91-1	2.39	3.07	2.60	2.68	12.92	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4900-16 Instrumnet Name : P8
 Client Sample ID : MH1EZ3 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 14:43:10 DataFile Name : 071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28910.47	26713.32	27926.85	27850.21	3.95	ppb
Antimony	121-1	1.91	1.79	2.04	1.92	6.39	ppb
Arsenic	75-2	34.60	32.64	33.67	33.64	2.92	ppb
Barium	135-1	580.16	591.71	621.76	597.87	3.59	ppb
Barium	137-1	602.87	610.68	634.57	616.04	2.68	ppb
Beryllium	9-1	2.65	2.57	2.57	2.60	1.69	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	27.93	27.91	29.59	28.48	3.39	ppb
Boron	11-1	28.73	29.53	29.07	29.11	1.38	ppb
Bromine	81-1						cps
Cadmium	111-1	10.68	11.41	11.06	11.05	3.32	ppb
Cadmium	106-1	10.29	10.99	11.80	11.03	6.86	ppb
Cadmium	108-1	9.38	9.39	9.94	9.57	3.31	ppb
Calcium	43-1	69338.39	68439.38	68332.07	68703.28	0.80	ppb
Calcium	44-1	71658.48	68871.03	68549.01	69692.84	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.70	35.71	35.96	36.12	1.43	ppb
Cobalt	59-2	27.03	25.42	26.27	26.24	3.08	ppb
Copper	63-2	212.80	201.39	205.54	206.58	2.80	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				111		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				95		%
Iron	54-2	75347.75	73184.90	76182.90	74905.19	2.07	ppb
Iron	56-2	76847.64	72215.10	75505.09	74855.95	3.18	ppb
Iron	57-2	77227.27	74272.32	75476.97	75658.85	1.96	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-16	Instrumnet Name :	P8
Client Sample ID :	MH1EZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:43:10	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	621.44	655.33	643.59	640.12	2.69	ppb
Lead	207-1	617.69	635.85	602.15	618.56	2.73	ppb
Lead	208-1	625.64	644.58	620.11	630.11	2.04	ppb
Lithium	6-1				112		%
Magnesium	24-2	13410.16	12861.87	13158.14	13143.39	2.09	ppb
Manganese	55-2	2306.48	2137.00	2314.56	2252.68	4.45	ppb
Molybdenum	94-1	8.03	7.39	6.98	7.47	7.10	ppb
Molybdenum	95-1	4.27	4.15	4.22	4.22	1.43	ppb
Molybdenum	96-1	5.09	5.16	4.98	5.08	1.80	ppb
Molybdenum	97-1	4.36	4.21	4.27	4.28	1.81	ppb
Molybdenum	98-1	4.36	4.16	4.05	4.19	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.08	67.18	69.06	69.11	2.82	ppb
Phosphorus	31-2	4707.88	4417.02	4108.40	4411.10	6.80	ppb
Potassium	39-2	7174.65	6885.87	6943.83	7001.45	2.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				95		%
Selenium	82-1	2.90	2.32	2.29	2.50	13.70	ppb
Selenium	77-2	59.55	52.04	40.40	50.67	19.05	ppb
Selenium	78-2	9.41	9.57	8.93	9.30	3.59	ppb
Silicon	28-1	2076.57	1929.97	2002.88	2003.14	3.66	ppb
Silver	107-1	3.37	3.32	3.50	3.40	2.71	ppb
Silver	109-1	3.43	3.39	3.60	3.47	3.26	ppb
Sodium	23-2	474.28	463.27	480.24	472.60	1.82	ppb
Strontium	86-1	273.88	272.03	275.90	273.94	0.71	ppb
Strontium	88-1	270.10	272.57	281.65	274.78	2.21	ppb
Sulfur	34-1	-351.61	-852.31	-861.59	-688.50		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.81	0.94	0.88	0.88	7.56	ppb
Thallium	205-1	0.90	0.98	0.88	0.92	5.97	ppb
Tin	118-1	13.12	12.84	13.84	13.27	3.91	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-16	Instrumnet Name :	P8
Client Sample ID :	MH1EZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:43:10	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	231.78	232.54	233.76	232.69	0.43	ppb
Uranium	238-1	6.47	7.32	6.73	6.84	6.35	ppb
Vanadium	51-2	113.22	109.78	111.61	111.54	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	1548.76	1512.91	1556.09	1539.25	1.50	ppb
Zirconium	90-1	1.98	1.97	1.96	1.97	0.70	ppb
Zirconium	91-1	1.98	2.06	2.04	2.02	1.88	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-17	Instrumnet Name :	P8
Client Sample ID :	MH1EZ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:46:03	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29835.99	29855.42	29070.59	29587.33	1.51	ppb
Antimony	121-1	1.38	1.70	1.48	1.52	10.69	ppb
Arsenic	75-2	28.58	28.35	29.05	28.66	1.24	ppb
Barium	135-1	585.32	677.77	596.25	619.78	8.15	ppb
Barium	137-1	613.14	699.62	611.24	641.33	7.87	ppb
Beryllium	9-1	2.26	2.83	2.40	2.50	11.85	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	23.83	26.89	24.83	25.18	6.19	ppb
Boron	11-1	23.18	27.50	23.85	24.85	9.34	ppb
Bromine	81-1						cps
Cadmium	111-1	5.46	6.42	5.61	5.83	8.88	ppb
Cadmium	106-1	8.22	6.15	8.75	7.70	17.83	ppb
Cadmium	108-1	4.06	5.01	5.95	5.01	18.92	ppb
Calcium	43-1	105916.94	124689.68	113811.59	114806.07	8.21	ppb
Calcium	44-1	105914.81	124458.14	113707.98	114693.64	8.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.61	36.61	37.25	36.82	1.01	ppb
Cobalt	59-2	24.57	24.76	24.60	24.65	0.42	ppb
Copper	63-2	116.62	116.94	115.70	116.42	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	65137.58	65341.55	63712.25	64730.46	1.37	ppb
Iron	56-2	62740.80	64939.82	62886.90	63522.51	1.94	ppb
Iron	57-2	64035.01	64313.31	63104.12	63817.48	0.99	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-17	Instrumnet Name :	P8
Client Sample ID :	MH1EZ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:46:03	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	218.71	249.68	224.72	231.04	7.11	ppb
Lead	207-1	219.78	255.54	225.37	233.56	8.24	ppb
Lead	208-1	226.80	264.76	233.14	241.56	8.42	ppb
Lithium	6-1				109		%
Magnesium	24-2	14549.90	14645.84	14685.28	14627.01	0.48	ppb
Manganese	55-2	1412.60	1437.41	1430.33	1426.78	0.90	ppb
Molybdenum	94-1	6.66	7.81	6.85	7.10	8.73	ppb
Molybdenum	95-1	4.23	5.38	4.47	4.69	12.93	ppb
Molybdenum	96-1	4.84	5.82	5.17	5.28	9.38	ppb
Molybdenum	97-1	4.42	5.02	4.55	4.66	6.78	ppb
Molybdenum	98-1	4.24	5.13	4.52	4.63	9.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.93	71.64	67.42	69.33	3.08	ppb
Phosphorus	31-2	3754.51	4085.23	3757.39	3865.71	4.92	ppb
Potassium	39-2	7212.19	7196.28	7002.50	7136.99	1.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	3.19	3.61	2.88	3.23	11.35	ppb
Selenium	77-2	63.91	61.75	53.58	59.75	9.12	ppb
Selenium	78-2	10.54	10.57	6.39	9.17	26.19	ppb
Silicon	28-1	2105.86	2152.60	1859.34	2039.27	7.73	ppb
Silver	107-1	1.27	1.61	1.36	1.42	12.52	ppb
Silver	109-1	1.46	1.73	1.40	1.53	11.50	ppb
Sodium	23-2	482.96	476.00	482.07	480.34	0.79	ppb
Strontium	86-1	264.43	311.43	273.85	283.24	8.78	ppb
Strontium	88-1	268.99	307.30	281.29	285.86	6.84	ppb
Sulfur	34-1	-429.68	1932.61	119.10	540.68	228.65	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.92	0.79	0.87	7.90	ppb
Thallium	205-1	0.86	1.11	0.88	0.95	14.59	ppb
Tin	118-1	4.99	5.87	4.90	5.25	10.15	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-17	Instrumnet Name :	P8
Client Sample ID :	MH1EZ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:46:03	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	208.05	245.05	213.07	222.05	9.04	ppb
Uranium	238-1	6.21	7.30	6.20	6.57	9.62	ppb
Vanadium	51-2	121.41	121.46	118.65	120.50	1.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	654.89	668.07	641.01	654.66	2.07	ppb
Zirconium	90-1	1.61	1.74	1.54	1.63	6.19	ppb
Zirconium	91-1	1.63	1.78	1.61	1.67	5.62	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18	Instrumnet Name :	P8
Client Sample ID :	MH1F43	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:48:58	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26940.26	27033.31	27282.90	27085.49	0.65	ppb
Antimony	121-1	2.31	2.41	2.40	2.37	2.31	ppb
Arsenic	75-2	39.09	39.35	39.01	39.15	0.45	ppb
Barium	135-1	780.44	817.52	802.99	800.32	2.33	ppb
Barium	137-1	808.24	860.10	853.45	840.59	3.36	ppb
Beryllium	9-1	3.10	2.84	2.77	2.90	5.97	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	26.10	26.54	26.37	26.34	0.84	ppb
Boron	11-1	25.96	27.34	26.58	26.63	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	15.63	16.63	16.80	16.35	3.87	ppb
Cadmium	106-1	15.37	16.90	18.55	16.94	9.39	ppb
Cadmium	108-1	14.40	15.52	14.22	14.71	4.78	ppb
Calcium	43-1	112765.79	110996.81	105591.11	109784.57	3.40	ppb
Calcium	44-1	110955.38	109868.85	108758.93	109861.05	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.45	55.66	52.89	54.33	2.56	ppb
Cobalt	59-2	30.20	29.44	29.25	29.63	1.68	ppb
Copper	63-2	351.24	352.37	353.34	352.32	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				96		%
Iron	54-2	87081.69	87835.03	86766.59	87227.77	0.63	ppb
Iron	56-2	87082.14	87442.00	86001.07	86841.74	0.86	ppb
Iron	57-2	90492.93	88072.06	87148.03	88571.01	1.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18	Instrumnet Name :	P8
Client Sample ID :	MH1F43	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:48:58	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1176.81	1152.00	1155.91	1161.57	1.15	ppb
Lead	207-1	1186.67	1151.33	1133.37	1157.12	2.34	ppb
Lead	208-1	1181.65	1149.58	1139.38	1156.87	1.91	ppb
Lithium	6-1				114		%
Magnesium	24-2	14773.14	14528.28	14784.54	14695.32	0.99	ppb
Manganese	55-2	3092.74	3098.60	3116.19	3102.51	0.39	ppb
Molybdenum	94-1	8.80	8.59	8.83	8.74	1.52	ppb
Molybdenum	95-1	4.97	4.97	4.88	4.94	1.05	ppb
Molybdenum	96-1	5.99	5.67	5.73	5.80	2.91	ppb
Molybdenum	97-1	4.87	4.85	4.73	4.82	1.62	ppb
Molybdenum	98-1	4.96	5.10	4.90	4.99	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.04	88.44	85.43	86.97	1.73	ppb
Phosphorus	31-2	4534.23	4244.37	4394.85	4391.15	3.30	ppb
Potassium	39-2	6614.87	6589.89	6451.69	6552.15	1.34	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				94		%
Selenium	82-1	3.85	3.76	4.25	3.95	6.57	ppb
Selenium	77-2	54.97	64.19	49.51	56.22	13.20	ppb
Selenium	78-2	9.86	10.98	11.48	10.77	7.71	ppb
Silicon	28-1	2478.12	2404.78	2411.02	2431.31	1.67	ppb
Silver	107-1	7.09	7.28	7.33	7.23	1.79	ppb
Silver	109-1	7.35	7.71	7.76	7.61	2.97	ppb
Sodium	23-2	521.84	531.49	515.95	523.10	1.50	ppb
Strontium	86-1	395.83	387.72	381.21	388.25	1.89	ppb
Strontium	88-1	393.73	392.41	384.27	390.14	1.31	ppb
Sulfur	34-1	939.14	555.16	548.17	680.82	32.86	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.96	1.04	1.03	1.01	4.63	ppb
Thallium	205-1	0.97	1.01	0.93	0.97	4.32	ppb
Tin	118-1	22.78	23.08	23.61	23.16	1.80	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18	Instrumnet Name :	P8
Client Sample ID :	MH1F43	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:48:58	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	279.87	264.65	278.14	274.22	3.04	ppb
Uranium	238-1	5.52	5.47	5.37	5.45	1.36	ppb
Vanadium	51-2	117.43	118.04	116.34	117.27	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				104		%
Zinc	66-2	3064.28	3040.01	2975.98	3026.76	1.51	ppb
Zirconium	90-1	2.25	2.40	2.30	2.32	3.45	ppb
Zirconium	91-1	2.46	2.26	2.38	2.37	4.13	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-19	Instrumnet Name :	P8
Client Sample ID :	MH1F43D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:51:51	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29168.63	32641.75	40417.41	34075.93	16.90	ppb
Antimony	121-1	2.46	2.51	2.54	2.50	1.52	ppb
Arsenic	75-2	41.04	43.79	54.90	46.58	15.76	ppb
Barium	135-1	949.07	937.94	949.28	945.43	0.69	ppb
Barium	137-1	921.85	977.24	943.90	947.66	2.94	ppb
Beryllium	9-1	3.43	3.41	3.35	3.40	1.26	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	27.06	28.92	28.92	28.30	3.80	ppb
Boron	11-1	28.17	29.38	29.99	29.18	3.19	ppb
Bromine	81-1						cps
Cadmium	111-1	17.92	18.00	17.73	17.88	0.79	ppb
Cadmium	106-1	16.54	17.30	18.16	17.33	4.67	ppb
Cadmium	108-1	15.97	17.61	17.65	17.08	5.63	ppb
Calcium	43-1	129763.10	122444.25	127927.73	126711.69	3.01	ppb
Calcium	44-1	129571.31	118814.86	127675.95	125354.04	4.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.96	65.13	81.07	68.39	16.69	ppb
Cobalt	59-2	31.56	35.14	43.07	36.59	16.10	ppb
Copper	63-2	369.52	406.99	505.26	427.26	16.41	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				113		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				93		%
Iron	54-2	97455.12	105563.84	133161.59	112060.18	16.70	ppb
Iron	56-2	96137.52	105213.75	133017.96	111456.41	17.24	ppb
Iron	57-2	96481.24	106880.62	132523.62	111961.83	16.57	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-19	Instrumnet Name :	P8
Client Sample ID :	MH1F43D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:51:51	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1314.62	1316.44	1346.57	1325.88	1.35	ppb
Lead	207-1	1294.75	1301.90	1308.34	1301.67	0.52	ppb
Lead	208-1	1300.40	1311.66	1323.95	1312.00	0.90	ppb
Lithium	6-1				116		%
Magnesium	24-2	15382.73	17466.02	21044.60	17964.45	15.94	ppb
Manganese	55-2	3260.96	3634.30	4516.75	3804.00	16.95	ppb
Molybdenum	94-1	9.68	9.96	9.82	9.82	1.42	ppb
Molybdenum	95-1	5.38	5.46	5.72	5.52	3.17	ppb
Molybdenum	96-1	6.47	6.62	6.83	6.64	2.72	ppb
Molybdenum	97-1	5.43	5.15	5.52	5.37	3.54	ppb
Molybdenum	98-1	5.33	5.55	5.83	5.57	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.33	108.63	132.11	112.69	15.74	ppb
Phosphorus	31-2	4589.00	5163.24	6702.12	5484.79	19.92	ppb
Potassium	39-2	6945.08	7787.98	9760.01	8164.36	17.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				95		%
Scandium	45-1				110		%
Scandium	45-2				92		%
Selenium	82-1	4.22	3.08	4.51	3.93	19.22	ppb
Selenium	77-2	65.72	62.40	80.50	69.54	13.85	ppb
Selenium	78-2	10.59	13.37	14.78	12.91	16.52	ppb
Silicon	28-1	2602.03	2376.20	2659.33	2545.85	5.88	ppb
Silver	107-1	8.06	8.23	8.57	8.28	3.13	ppb
Silver	109-1	8.28	8.50	8.72	8.50	2.57	ppb
Sodium	23-2	517.72	582.54	730.76	610.34	17.89	ppb
Strontium	86-1	439.83	440.87	457.16	445.95	2.18	ppb
Strontium	88-1	447.03	442.87	459.65	449.85	1.94	ppb
Sulfur	34-1	990.43	213.77	900.38	701.52	60.55	ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	1.20	1.14	1.13	1.16	3.46	ppb
Thallium	205-1	1.18	1.13	1.13	1.15	2.62	ppb
Tin	118-1	23.24	24.12	24.67	24.01	3.01	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-19	Instrumnet Name :	P8
Client Sample ID :	MH1F43D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:51:51	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	292.35	295.44	302.44	296.74	1.74	ppb
Uranium	238-1	6.56	6.40	6.23	6.40	2.52	ppb
Vanadium	51-2	126.71	143.05	173.84	147.86	16.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				104		%
Zinc	66-2	3188.75	3542.10	4329.07	3686.64	15.83	ppb
Zirconium	90-1	2.55	2.46	2.54	2.52	1.85	ppb
Zirconium	91-1	2.55	2.37	2.57	2.50	4.29	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F43L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 14:54:47	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5575.04	5541.26	5367.61	5494.64	2.03	ppb
Antimony	121-1	0.51	0.50	0.51	0.51	0.44	ppb
Arsenic	75-2	8.66	8.42	8.96	8.68	3.11	ppb
Barium	135-1	158.93	164.16	165.35	162.81	2.10	ppb
Barium	137-1	160.87	160.39	166.45	162.57	2.07	ppb
Beryllium	9-1	0.61	0.58	0.59	0.59	2.73	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	11.31	12.03	13.32	12.22	8.32	ppb
Boron	11-1	11.33	11.93	13.17	12.14	7.71	ppb
Bromine	81-1						cps
Cadmium	111-1	3.22	3.31	3.34	3.29	1.97	ppb
Cadmium	106-1	3.27	2.67	3.76	3.24	16.83	ppb
Cadmium	108-1	3.54	2.61	3.02	3.05	15.27	ppb
Calcium	43-1	22086.78	22053.29	23021.63	22387.23	2.46	ppb
Calcium	44-1	21962.67	22627.19	23147.20	22579.02	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.59	11.40	10.86	11.28	3.35	ppb
Cobalt	59-2	6.28	6.24	6.06	6.19	1.87	ppb
Copper	63-2	73.97	74.11	72.21	73.43	1.44	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				110		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				94		%
Iron	54-2	19065.96	18654.58	18545.68	18755.41	1.46	ppb
Iron	56-2	18355.29	18177.72	17770.25	18101.09	1.66	ppb
Iron	57-2	17545.36	17954.53	17281.82	17593.90	1.93	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F43L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 14:54:47	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	223.70	232.48	228.42	228.20	1.92	ppb
Lead	207-1	220.38	217.89	222.15	220.14	0.97	ppb
Lead	208-1	226.48	231.71	232.37	230.19	1.40	ppb
Lithium	6-1				110		%
Magnesium	24-2	3029.02	3031.41	3003.83	3021.42	0.51	ppb
Manganese	55-2	640.08	618.35	614.61	624.34	2.20	ppb
Molybdenum	94-1	1.66	1.77	2.01	1.81	9.88	ppb
Molybdenum	95-1	1.03	1.06	1.06	1.05	1.73	ppb
Molybdenum	96-1	1.20	1.18	1.30	1.22	5.21	ppb
Molybdenum	97-1	0.98	1.06	1.29	1.11	14.64	ppb
Molybdenum	98-1	1.10	1.06	1.10	1.09	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.39	18.29	18.03	18.24	1.04	ppb
Phosphorus	31-2	979.16	821.67	862.00	887.61	9.22	ppb
Potassium	39-2	1395.22	1363.25	1335.42	1364.63	2.19	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				91		%
Selenium	82-1	0.72	0.92	1.72	1.12	47.41	ppb
Selenium	77-2	13.05	18.19	14.64	15.29	17.19	ppb
Selenium	78-2	2.29	1.66	2.84	2.26	26.18	ppb
Silicon	28-1	505.29	460.46	472.36	479.37	4.85	ppb
Silver	107-1	1.42	1.47	1.56	1.48	4.50	ppb
Silver	109-1	1.47	1.51	1.61	1.53	4.79	ppb
Sodium	23-2	115.89	116.42	113.60	115.30	1.30	ppb
Strontium	86-1	86.40	82.26	88.77	85.81	3.84	ppb
Strontium	88-1	84.96	84.76	91.04	86.92	4.10	ppb
Sulfur	34-1	-287.07	-599.34	88.58	-265.94		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.15	0.14	0.15	4.52	ppb
Thallium	205-1	0.14	0.17	0.16	0.16	7.93	ppb
Tin	118-1	4.41	4.38	4.76	4.52	4.68	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F43L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 14:54:47	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	55.61	54.14	55.66	55.13	1.56	ppb
Uranium	238-1	1.11	1.07	1.17	1.12	4.41	ppb
Vanadium	51-2	24.64	24.17	24.23	24.35	1.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	648.24	637.18	627.64	637.69	1.62	ppb
Zirconium	90-1	0.53	0.47	0.51	0.50	6.71	ppb
Zirconium	91-1	0.49	0.49	0.58	0.52	9.25	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-20	Instrumnet Name :	P8
Client Sample ID :	MH1F43S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:57:45	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31827.78	34076.71	32605.09	32836.53	3.48	ppb
Antimony	121-1	9.62	9.68	9.69	9.66	0.38	ppb
Arsenic	75-2	52.02	57.57	56.30	55.30	5.26	ppb
Barium	135-1	1357.85	1342.72	1326.26	1342.28	1.18	ppb
Barium	137-1	1334.80	1300.80	1322.41	1319.34	1.30	ppb
Beryllium	9-1	13.29	13.93	14.13	13.79	3.19	ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	10-1	24.20	26.98	26.35	25.84	5.63	ppb
Boron	11-1	25.42	27.03	27.71	26.72	4.39	ppb
Bromine	81-1						cps
Cadmium	111-1	29.17	28.82	28.67	28.88	0.89	ppb
Cadmium	106-1	27.50	26.00	25.98	26.50	3.28	ppb
Cadmium	108-1	25.74	24.56	26.32	25.54	3.51	ppb
Calcium	43-1	123209.65	124226.16	120154.74	122530.18	1.73	ppb
Calcium	44-1	122843.36	123271.28	123300.00	123138.21	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.21	110.11	103.56	105.29	4.01	ppb
Cobalt	59-2	139.09	151.40	141.08	143.86	4.59	ppb
Copper	63-2	441.54	480.24	449.54	457.11	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				113		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	54-2	100751.37	108269.85	101365.83	103462.35	4.04	ppb
Iron	56-2	100163.50	108439.29	103682.02	104094.94	3.99	ppb
Iron	57-2	102029.70	107793.05	102475.66	104099.47	3.08	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-20	Instrumnet Name :	P8
Client Sample ID :	MH1F43S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:57:45	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1320.65	1308.36	1294.80	1307.93	0.99	ppb
Lead	207-1	1315.00	1273.07	1256.38	1281.48	2.36	ppb
Lead	208-1	1305.53	1283.35	1269.83	1286.24	1.40	ppb
Lithium	6-1				113		%
Magnesium	24-2	16795.60	17818.69	17139.89	17251.39	3.02	ppb
Manganese	55-2	3618.41	3925.74	3742.57	3762.24	4.11	ppb
Molybdenum	94-1	9.28	9.21	9.23	9.24	0.37	ppb
Molybdenum	95-1	5.26	5.28	5.02	5.19	2.76	ppb
Molybdenum	96-1	6.51	6.48	6.05	6.35	4.04	ppb
Molybdenum	97-1	5.53	5.35	5.34	5.41	2.00	ppb
Molybdenum	98-1	5.24	5.30	5.32	5.28	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	211.01	227.45	216.84	218.43	3.82	ppb
Phosphorus	31-2	4859.14	5385.70	5138.06	5127.63	5.14	ppb
Potassium	39-2	7468.44	8082.32	7645.16	7731.97	4.09	ppb
Rhodium	103-1				105		%
Rhodium	103-2				92		%
Scandium	45-1				109		%
Scandium	45-2				91		%
Selenium	82-1	16.40	16.27	16.35	16.34	0.43	ppb
Selenium	77-2	73.70	68.46	86.48	76.22	12.16	ppb
Selenium	78-2	23.76	25.26	25.72	24.92	4.13	ppb
Silicon	28-1	2641.76	2642.55	2668.01	2650.77	0.56	ppb
Silver	107-1	20.83	20.89	21.58	21.10	1.98	ppb
Silver	109-1	21.32	21.76	21.67	21.58	1.09	ppb
Sodium	23-2	582.20	626.54	589.37	599.37	3.97	ppb
Strontium	86-1	442.62	438.57	428.21	436.47	1.70	ppb
Strontium	88-1	427.95	432.16	436.08	432.06	0.94	ppb
Sulfur	34-1	1009.16	950.82	1093.52	1017.83	7.05	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	9.72	10.05	9.48	9.75	2.97	ppb
Thallium	205-1	10.10	9.79	9.64	9.84	2.40	ppb
Tin	118-1	23.82	23.63	23.51	23.65	0.66	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-20	Instrumnet Name :	P8
Client Sample ID :	MH1F43S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:57:45	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	292.07	295.26	289.20	292.18	1.04	ppb
Uranium	238-1	6.36	6.28	6.20	6.28	1.30	ppb
Vanadium	51-2	232.46	254.24	237.46	241.38	4.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				99		%
Zinc	66-2	3507.81	3787.39	3605.75	3633.65	3.90	ppb
Zirconium	90-1	2.51	2.53	2.58	2.54	1.44	ppb
Zirconium	91-1	2.62	2.55	2.56	2.57	1.49	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-21	Instrumnet Name :	P8
Client Sample ID :	MH1F99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:00:40	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24887.41	25448.33	25107.96	25147.90	1.12	ppb
Antimony	121-1	2.79	2.72	2.91	2.81	3.51	ppb
Arsenic	75-2	32.15	32.79	31.91	32.28	1.41	ppb
Barium	135-1	635.42	652.79	670.72	652.98	2.70	ppb
Barium	137-1	679.47	705.08	696.47	693.67	1.88	ppb
Beryllium	9-1	2.95	2.88	2.88	2.90	1.29	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	37.40	40.10	40.64	39.38	4.41	ppb
Boron	11-1	39.05	37.97	40.89	39.30	3.75	ppb
Bromine	81-1						cps
Cadmium	111-1	12.81	12.75	13.00	12.85	1.01	ppb
Cadmium	106-1	13.35	13.00	16.16	14.17	12.25	ppb
Cadmium	108-1	10.79	12.35	11.90	11.68	6.85	ppb
Calcium	43-1	90712.75	89832.09	90124.95	90223.26	0.50	ppb
Calcium	44-1	88277.90	87934.90	90204.81	88805.87	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.86	76.20	76.56	76.54	0.43	ppb
Cobalt	59-2	25.14	25.80	25.41	25.45	1.31	ppb
Copper	63-2	232.44	239.64	240.26	237.44	1.83	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				115		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				95		%
Iron	54-2	84876.29	84078.01	85140.08	84698.13	0.65	ppb
Iron	56-2	82287.53	85560.03	85107.22	84318.26	2.10	ppb
Iron	57-2	84614.85	85908.34	87007.10	85843.43	1.39	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-21	Instrumnet Name :	P8
Client Sample ID :	MH1F99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:00:40	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1080.14	1140.74	1093.90	1104.93	2.88	ppb
Lead	207-1	1060.69	1114.26	1077.99	1084.31	2.52	ppb
Lead	208-1	1063.28	1105.35	1080.52	1083.05	1.95	ppb
Lithium	6-1				110		%
Magnesium	24-2	13731.67	14021.16	14053.72	13935.52	1.27	ppb
Manganese	55-2	2877.40	2961.61	2897.94	2912.32	1.51	ppb
Molybdenum	94-1	9.36	9.21	8.58	9.05	4.54	ppb
Molybdenum	95-1	4.29	4.08	4.07	4.15	3.03	ppb
Molybdenum	96-1	5.37	5.35	5.17	5.30	2.12	ppb
Molybdenum	97-1	4.42	4.24	4.07	4.24	4.14	ppb
Molybdenum	98-1	4.27	4.33	4.25	4.28	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.72	70.54	72.31	71.53	1.26	ppb
Phosphorus	31-2	5419.62	5813.76	5614.06	5615.81	3.51	ppb
Potassium	39-2	8857.76	9185.08	9009.61	9017.48	1.82	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				95		%
Selenium	82-1	1.96	2.29	2.95	2.40	20.98	ppb
Selenium	77-2	45.40	46.51	50.82	47.58	6.02	ppb
Selenium	78-2	8.02	8.44	7.96	8.14	3.18	ppb
Silicon	28-1	2308.70	2384.56	2363.75	2352.34	1.67	ppb
Silver	107-1	4.01	4.07	3.97	4.02	1.34	ppb
Silver	109-1	4.09	4.02	4.09	4.07	1.03	ppb
Sodium	23-2	510.92	511.30	516.75	512.99	0.64	ppb
Strontium	86-1	334.64	340.10	321.12	331.95	2.94	ppb
Strontium	88-1	324.92	322.65	321.54	323.04	0.53	ppb
Sulfur	34-1	757.74	482.14	608.76	616.21	22.39	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.67	0.63	0.62	0.64	4.30	ppb
Thallium	205-1	0.68	0.66	0.64	0.66	2.60	ppb
Tin	118-1	22.53	21.62	22.84	22.33	2.84	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-21	Instrumnet Name :	P8
Client Sample ID :	MH1F99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:00:40	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	328.41	331.51	332.22	330.71	0.61	ppb
Uranium	238-1	3.70	3.83	3.62	3.72	2.91	ppb
Vanadium	51-2	104.37	108.26	108.53	107.05	2.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				102		%
Zinc	66-2	2808.63	2815.57	2813.22	2812.47	0.13	ppb
Zirconium	90-1	2.82	2.77	2.82	2.80	0.89	ppb
Zirconium	91-1	2.82	2.95	2.65	2.81	5.27	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-22	Instrumnet Name :	P8
Client Sample ID :	MH1FA0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:03:33	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25196.80	27557.94	26332.56	26362.43	4.48	ppb
Antimony	121-1	3.11	3.15	2.98	3.08	3.05	ppb
Arsenic	75-2	33.80	37.09	33.97	34.95	5.30	ppb
Barium	135-1	696.84	719.42	678.94	698.40	2.90	ppb
Barium	137-1	720.64	750.04	694.60	721.76	3.84	ppb
Beryllium	9-1	2.71	2.92	2.97	2.86	4.78	ppb
Bismuth	209-1				115		%
Bismuth	209-2				99		%
Boron	10-1	40.32	39.91	43.44	41.22	4.69	ppb
Boron	11-1	39.75	42.52	44.90	42.39	6.08	ppb
Bromine	81-1						cps
Cadmium	111-1	15.07	15.01	14.33	14.80	2.77	ppb
Cadmium	106-1	13.06	16.05	10.56	13.22	20.78	ppb
Cadmium	108-1	13.60	13.80	14.10	13.83	1.83	ppb
Calcium	43-1	92123.61	91163.46	93486.24	92257.77	1.27	ppb
Calcium	44-1	90947.93	90029.39	91628.67	90868.66	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.33	64.88	62.17	62.46	3.67	ppb
Cobalt	59-2	27.22	29.03	27.45	27.90	3.54	ppb
Copper	63-2	278.83	296.40	275.81	283.68	3.92	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				113		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				92		%
Iron	54-2	84177.85	90334.96	84701.53	86404.78	3.95	ppb
Iron	56-2	83478.89	89337.06	85074.46	85963.47	3.52	ppb
Iron	57-2	85628.87	89164.70	86632.76	87142.11	2.09	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-22	Instrumnet Name :	P8
Client Sample ID :	MH1FA0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:03:33	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1199.47	1265.99	1213.93	1226.46	2.85	ppb
Lead	207-1	1216.93	1217.80	1187.11	1207.28	1.45	ppb
Lead	208-1	1206.61	1225.07	1203.75	1211.81	0.96	ppb
Lithium	6-1				112		%
Magnesium	24-2	13679.15	14099.33	13487.78	13755.42	2.27	ppb
Manganese	55-2	3007.34	3232.93	3009.66	3083.31	4.20	ppb
Molybdenum	94-1	11.95	8.58	8.67	9.73	19.72	ppb
Molybdenum	95-1	4.28	4.38	4.53	4.40	2.90	ppb
Molybdenum	96-1	5.53	5.11	5.45	5.37	4.12	ppb
Molybdenum	97-1	4.54	4.46	4.51	4.50	0.83	ppb
Molybdenum	98-1	4.43	4.37	4.24	4.35	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.87	88.25	83.34	84.49	3.95	ppb
Phosphorus	31-2	5390.79	5721.25	5389.25	5500.43	3.48	ppb
Potassium	39-2	8542.23	9133.97	8681.17	8785.79	3.52	ppb
Rhodium	103-1				106		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				92		%
Selenium	82-1	3.76	2.59	4.18	3.51	23.52	ppb
Selenium	77-2	59.00	50.74	49.90	53.22	9.45	ppb
Selenium	78-2	7.09	7.95	8.12	7.72	7.11	ppb
Silicon	28-1	2378.43	2438.72	2534.37	2450.51	3.21	ppb
Silver	107-1	4.89	4.93	4.85	4.89	0.83	ppb
Silver	109-1	4.88	4.80	4.75	4.81	1.29	ppb
Sodium	23-2	614.45	644.38	616.04	624.96	2.69	ppb
Strontium	86-1	372.30	365.09	359.28	365.56	1.78	ppb
Strontium	88-1	362.33	358.08	360.18	360.20	0.59	ppb
Sulfur	34-1	404.37	651.91	1004.98	687.09	43.93	ppb
Terbium	159-1				113		%
Terbium	159-2				100		%
Thallium	203-1	0.79	0.77	0.63	0.73	11.87	ppb
Thallium	205-1	0.77	0.77	0.76	0.77	0.55	ppb
Tin	118-1	26.82	26.99	25.37	26.39	3.37	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-22	Instrumnet Name :	P8
Client Sample ID :	MH1FA0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:03:33	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	320.14	337.81	344.08	334.01	3.72	ppb
Uranium	238-1	4.01	4.11	3.98	4.03	1.59	ppb
Vanadium	51-2	106.53	113.43	107.21	109.06	3.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				100		%
Zinc	66-2	2936.25	3158.71	2948.99	3014.65	4.14	ppb
Zirconium	90-1	2.66	2.62	2.63	2.64	0.88	ppb
Zirconium	91-1	2.61	2.61	2.61	2.61	0.15	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:06:28	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22332.54	22532.24	21920.91	22261.89	1.40	ppb
Antimony	121-1	2.45	2.64	2.93	2.67	9.06	ppb
Arsenic	75-2	35.69	35.93	35.59	35.74	0.49	ppb
Barium	135-1	734.09	733.13	837.99	768.41	7.84	ppb
Barium	137-1	769.96	740.69	838.34	782.99	6.40	ppb
Beryllium	9-1	3.01	2.96	3.20	3.05	4.09	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	32.86	34.07	37.09	34.67	6.27	ppb
Boron	11-1	33.28	35.46	36.49	35.08	4.67	ppb
Bromine	81-1						cps
Cadmium	111-1	14.25	14.80	16.20	15.09	6.67	ppb
Cadmium	106-1	15.90	11.88	14.68	14.15	14.54	ppb
Cadmium	108-1	14.52	14.64	14.77	14.64	0.86	ppb
Calcium	43-1	112229.89	107494.36	126237.63	115320.63	8.45	ppb
Calcium	44-1	114305.56	110216.98	125777.57	116766.70	6.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.51	44.07	43.02	43.53	1.20	ppb
Cobalt	59-2	24.72	24.90	24.92	24.85	0.43	ppb
Copper	63-2	273.10	271.76	273.27	272.71	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	61162.69	61609.90	59260.00	60677.53	2.06	ppb
Iron	56-2	62068.28	60708.94	59955.46	60910.89	1.76	ppb
Iron	57-2	62024.19	62467.16	60728.54	61739.96	1.46	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:06:28	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1204.53	1231.78	1367.75	1268.02	6.90	ppb
Lead	207-1	1201.10	1192.71	1356.98	1250.26	7.40	ppb
Lead	208-1	1210.84	1192.92	1357.86	1253.88	7.22	ppb
Lithium	6-1				109		%
Magnesium	24-2	13439.57	13377.08	13124.97	13313.87	1.25	ppb
Manganese	55-2	2864.93	2797.86	2758.23	2807.00	1.92	ppb
Molybdenum	94-1	8.52	7.52	8.72	8.25	7.76	ppb
Molybdenum	95-1	4.07	3.94	4.34	4.11	4.96	ppb
Molybdenum	96-1	4.86	4.49	5.07	4.81	6.08	ppb
Molybdenum	97-1	4.17	3.87	4.52	4.19	7.71	ppb
Molybdenum	98-1	3.98	3.71	4.16	3.95	5.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.25	80.87	78.54	80.56	2.33	ppb
Phosphorus	31-2	6564.69	6929.12	6418.80	6637.53	3.96	ppb
Potassium	39-2	7718.10	7576.27	7528.31	7607.56	1.30	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	82-1	3.53	2.32	4.03	3.29	26.69	ppb
Selenium	77-2	52.72	51.38	54.20	52.77	2.68	ppb
Selenium	78-2	7.53	11.73	8.94	9.40	22.71	ppb
Silicon	28-1	1630.60	1534.50	1788.34	1651.15	7.76	ppb
Silver	107-1	5.31	5.48	6.16	5.65	8.01	ppb
Silver	109-1	5.23	5.50	6.04	5.59	7.42	ppb
Sodium	23-2	519.82	524.56	517.58	520.65	0.68	ppb
Strontium	86-1	437.04	431.96	475.43	448.14	5.30	ppb
Strontium	88-1	429.58	423.49	480.74	444.61	7.07	ppb
Sulfur	34-1	809.42	571.43	2253.21	1211.35	75.13	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.83	0.86	0.85	0.84	1.76	ppb
Thallium	205-1	0.79	0.85	0.97	0.87	10.20	ppb
Tin	118-1	23.53	25.15	27.77	25.48	8.41	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:06:28	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	272.45	255.21	292.07	273.25	6.75	ppb
Uranium	238-1	5.23	5.18	5.83	5.41	6.73	ppb
Vanadium	51-2	90.39	93.03	90.18	91.20	1.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				103		%
Zinc	66-2	2784.54	2773.92	2729.02	2762.49	1.07	ppb
Zirconium	90-1	2.58	2.32	2.67	2.52	7.23	ppb
Zirconium	91-1	2.49	2.39	2.69	2.53	6.10	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-02	Instrumnet Name :	P8
Client Sample ID :	MH1F44D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:09:21	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24427.58	25179.45	24446.16	24684.40	1.74	ppb
Antimony	121-1	2.70	2.82	2.74	2.75	2.17	ppb
Arsenic	75-2	38.51	38.35	39.21	38.69	1.18	ppb
Barium	135-1	834.94	845.87	812.32	831.04	2.06	ppb
Barium	137-1	878.98	846.12	820.29	848.46	3.47	ppb
Beryllium	9-1	3.21	3.40	3.32	3.31	2.81	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	33.15	38.53	37.85	36.51	8.03	ppb
Boron	11-1	35.12	37.18	37.52	36.61	3.55	ppb
Bromine	81-1						cps
Cadmium	111-1	16.71	17.05	16.40	16.72	1.95	ppb
Cadmium	106-1	16.51	15.00	16.95	16.15	6.33	ppb
Cadmium	108-1	17.55	15.54	14.69	15.93	9.22	ppb
Calcium	43-1	126870.45	132844.77	124289.17	128001.46	3.43	ppb
Calcium	44-1	126798.07	134661.31	125456.56	128971.98	3.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.48	46.65	47.91	47.01	1.67	ppb
Cobalt	59-2	26.58	26.60	27.33	26.84	1.60	ppb
Copper	63-2	297.50	305.27	304.55	302.44	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	64304.51	66542.70	64538.02	65128.41	1.89	ppb
Iron	56-2	64982.60	65924.87	65745.06	65550.84	0.76	ppb
Iron	57-2	65701.37	67282.20	66284.60	66422.72	1.20	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-02	Instrumnet Name :	P8
Client Sample ID :	MH1F44D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:09:21	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1369.06	1384.06	1411.09	1388.07	1.53	ppb
Lead	207-1	1319.00	1380.06	1348.02	1349.02	2.26	ppb
Lead	208-1	1336.08	1397.77	1360.18	1364.68	2.28	ppb
Lithium	6-1				109		%
Magnesium	24-2	14552.90	14756.37	14627.93	14645.73	0.70	ppb
Manganese	55-2	3091.20	3180.39	3136.47	3136.02	1.42	ppb
Molybdenum	94-1	8.35	8.38	8.33	8.35	0.30	ppb
Molybdenum	95-1	4.00	3.98	3.79	3.92	2.90	ppb
Molybdenum	96-1	5.09	5.01	4.79	4.96	3.15	ppb
Molybdenum	97-1	4.39	4.21	3.98	4.20	4.97	ppb
Molybdenum	98-1	4.12	4.20	3.99	4.10	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.29	85.01	86.71	85.67	1.07	ppb
Phosphorus	31-2	7313.79	7184.17	7286.20	7261.39	0.94	ppb
Potassium	39-2	8279.02	8306.32	8423.17	8336.17	0.92	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	82-1	4.32	3.66	3.83	3.94	8.71	ppb
Selenium	77-2	56.80	54.35	53.24	54.79	3.32	ppb
Selenium	78-2	10.25	11.70	11.21	11.05	6.68	ppb
Silicon	28-1	1748.76	1783.82	1656.21	1729.60	3.81	ppb
Silver	107-1	6.33	6.17	5.85	6.11	4.01	ppb
Silver	109-1	6.34	6.24	6.31	6.30	0.77	ppb
Sodium	23-2	523.25	549.51	549.92	540.89	2.83	ppb
Strontium	86-1	485.86	487.46	459.42	477.58	3.30	ppb
Strontium	88-1	481.72	494.22	462.16	479.36	3.37	ppb
Sulfur	34-1	1298.61	1759.16	851.41	1303.06	34.83	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.91	0.95	0.87	0.91	4.49	ppb
Thallium	205-1	0.91	0.96	0.90	0.92	3.52	ppb
Tin	118-1	27.97	27.57	26.55	27.36	2.68	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-02	Instrumnet Name :	P8
Client Sample ID :	MH1F44D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:09:21	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	278.35	285.40	269.66	277.81	2.84	ppb
Uranium	238-1	6.01	6.34	6.22	6.19	2.64	ppb
Vanadium	51-2	100.19	100.72	99.96	100.29	0.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				103		%
Zinc	66-2	3011.83	3012.99	3028.45	3017.76	0.31	ppb
Zirconium	90-1	2.61	2.74	2.52	2.62	4.35	ppb
Zirconium	91-1	2.62	2.60	2.44	2.55	3.89	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-01LX5 Instrumnet Name : P8
 Client Sample ID : MH1F44L Dilution Factor : 5
 Date & Time Acquired :: 2021-12-03 15:12:16 DataFile Name : 081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4517.65	4497.25	4500.08	4504.99	0.25	ppb
Antimony	121-1	0.46	0.63	0.52	0.54	16.57	ppb
Arsenic	75-2	7.38	7.54	7.53	7.48	1.16	ppb
Barium	135-1	152.88	160.53	157.25	156.89	2.45	ppb
Barium	137-1	153.60	165.42	157.38	158.80	3.80	ppb
Beryllium	9-1	0.62	0.64	0.54	0.60	8.52	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	12.71	14.06	12.84	13.20	5.64	ppb
Boron	11-1	14.32	14.86	13.64	14.27	4.28	ppb
Bromine	81-1						cps
Cadmium	111-1	3.11	3.17	3.11	3.13	1.04	ppb
Cadmium	106-1	3.52	2.64	0.17	2.11	82.48	ppb
Cadmium	108-1	2.23	3.02	2.51	2.59	15.52	ppb
Calcium	43-1	22918.76	24105.62	23655.19	23559.85	2.54	ppb
Calcium	44-1	22556.21	24456.65	22936.71	23316.52	4.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.94	9.04	8.74	8.91	1.71	ppb
Cobalt	59-2	5.05	5.16	5.14	5.12	1.18	ppb
Copper	63-2	55.35	57.54	56.22	56.37	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				107		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	54-2	12175.08	12334.47	12033.19	12180.91	1.24	ppb
Iron	56-2	12585.17	12619.56	12328.23	12510.98	1.27	ppb
Iron	57-2	12186.21	12235.41	11956.87	12126.16	1.23	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F44L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 15:12:16	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	239.65	246.44	244.08	243.39	1.42	ppb
Lead	207-1	233.27	244.91	236.85	238.34	2.50	ppb
Lead	208-1	245.02	259.96	248.35	251.11	3.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	2747.66	2734.79	2713.41	2731.95	0.63	ppb
Manganese	55-2	563.54	559.39	563.86	562.27	0.44	ppb
Molybdenum	94-1	1.51	1.82	1.79	1.70	9.82	ppb
Molybdenum	95-1	0.91	0.90	0.83	0.88	4.40	ppb
Molybdenum	96-1	1.12	1.05	0.98	1.05	6.98	ppb
Molybdenum	97-1	0.77	0.92	0.76	0.82	11.08	ppb
Molybdenum	98-1	0.83	0.82	0.85	0.83	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.95	16.73	16.27	16.65	2.10	ppb
Phosphorus	31-2	1379.32	1308.65	1326.81	1338.26	2.74	ppb
Potassium	39-2	1524.27	1566.77	1514.19	1535.08	1.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	82-1	1.49	0.53	2.00	1.34	55.80	ppb
Selenium	77-2	9.85	10.57	12.49	10.97	12.42	ppb
Selenium	78-2	-0.05	1.17	1.26	0.79	92.47	ppb
Silicon	28-1	319.52	341.49	342.91	334.64	3.92	ppb
Silver	107-1	1.10	1.12	1.06	1.09	2.46	ppb
Silver	109-1	1.14	1.23	1.17	1.18	4.00	ppb
Sodium	23-2	113.72	115.87	113.24	114.28	1.23	ppb
Strontium	86-1	94.30	96.71	96.84	95.95	1.49	ppb
Strontium	88-1	95.67	97.15	95.60	96.14	0.92	ppb
Sulfur	34-1	231.43	748.47	413.47	464.45	56.47	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.13	0.16	0.14	13.26	ppb
Thallium	205-1	0.12	0.15	0.14	0.14	8.54	ppb
Tin	118-1	4.83	5.13	5.11	5.02	3.30	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F44L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 15:12:16	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	53.87	55.43	55.25	54.85	1.55	ppb
Uranium	238-1	1.06	1.07	1.04	1.06	1.74	ppb
Vanadium	51-2	18.78	18.10	18.31	18.40	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	565.55	581.05	572.38	572.99	1.36	ppb
Zirconium	90-1	0.52	0.50	0.48	0.50	3.72	ppb
Zirconium	91-1	0.55	0.55	0.52	0.54	3.36	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-03	Instrumnet Name :	P8
Client Sample ID :	MH1F44S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:15:15	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21655.86	21320.05	21254.90	21410.27	1.00	ppb
Antimony	121-1	11.48	11.87	11.25	11.54	2.71	ppb
Arsenic	75-2	40.44	41.44	40.30	40.73	1.52	ppb
Barium	135-1	1122.14	1135.57	1079.98	1112.56	2.61	ppb
Barium	137-1	1130.78	1132.45	1090.48	1117.90	2.13	ppb
Beryllium	9-1	12.46	12.80	12.60	12.62	1.35	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	27.82	30.03	30.60	29.48	4.98	ppb
Boron	11-1	27.64	30.41	30.25	29.43	5.29	ppb
Bromine	81-1						cps
Cadmium	111-1	23.42	24.47	23.69	23.86	2.29	ppb
Cadmium	106-1	21.92	20.20	23.39	21.84	7.30	ppb
Cadmium	108-1	20.85	22.25	20.90	21.33	3.71	ppb
Calcium	43-1	100619.21	101243.51	101884.80	101249.17	0.63	ppb
Calcium	44-1	99099.44	100236.10	98533.35	99289.63	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81.79	79.82	78.83	80.15	1.88	ppb
Cobalt	59-2	121.02	120.16	120.24	120.47	0.39	ppb
Copper	63-2	305.32	305.64	299.74	303.57	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				113		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				95		%
Iron	54-2	60560.05	61190.64	59767.02	60505.90	1.18	ppb
Iron	56-2	61604.91	59253.36	59178.29	60012.18	2.30	ppb
Iron	57-2	61677.16	59619.84	59954.82	60417.27	1.83	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-03	Instrumnet Name :	P8
Client Sample ID :	MH1F44S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:15:15	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1116.27	1087.12	1132.03	1111.81	2.05	ppb
Lead	207-1	1097.77	1103.86	1119.13	1106.92	0.99	ppb
Lead	208-1	1099.74	1093.96	1105.97	1099.89	0.55	ppb
Lithium	6-1				111		%
Magnesium	24-2	12787.67	12328.70	12535.07	12550.48	1.83	ppb
Manganese	55-2	2800.86	2865.14	2766.09	2810.70	1.79	ppb
Molybdenum	94-1	8.23	7.70	8.06	8.00	3.37	ppb
Molybdenum	95-1	3.66	3.85	3.97	3.83	4.01	ppb
Molybdenum	96-1	4.62	4.79	4.65	4.68	1.95	ppb
Molybdenum	97-1	3.64	3.84	3.97	3.82	4.28	ppb
Molybdenum	98-1	3.78	3.64	3.81	3.74	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	175.79	173.13	174.72	174.55	0.77	ppb
Phosphorus	31-2	6337.88	6093.46	6071.68	6167.67	2.40	ppb
Potassium	39-2	7215.15	7131.97	7037.89	7128.34	1.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				93		%
Selenium	82-1	15.18	14.89	16.81	15.63	6.65	ppb
Selenium	77-2	56.23	58.76	58.97	57.99	2.62	ppb
Selenium	78-2	22.09	22.18	24.49	22.92	5.95	ppb
Silicon	28-1	1714.75	1712.25	1639.18	1688.73	2.54	ppb
Silver	107-1	17.32	18.05	16.79	17.39	3.66	ppb
Silver	109-1	17.38	18.18	17.58	17.71	2.35	ppb
Sodium	23-2	477.08	483.40	487.60	482.69	1.10	ppb
Strontium	86-1	388.69	383.87	395.58	389.38	1.51	ppb
Strontium	88-1	393.40	387.64	381.06	387.37	1.59	ppb
Sulfur	34-1	184.46	490.78	357.43	344.23	44.62	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	9.47	9.71	9.49	9.55	1.39	ppb
Thallium	205-1	9.50	9.03	9.81	9.45	4.13	ppb
Tin	118-1	29.21	30.59	28.52	29.44	3.58	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-03	Instrumnet Name :	P8
Client Sample ID :	MH1F44S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:15:15	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	252.21	250.43	256.41	253.02	1.21	ppb
Uranium	238-1	4.98	4.89	4.76	4.88	2.31	ppb
Vanadium	51-2	182.68	181.91	178.17	180.92	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				102		%
Zinc	66-2	2680.73	2690.33	2658.65	2676.57	0.61	ppb
Zirconium	90-1	2.59	2.53	2.64	2.59	2.00	ppb
Zirconium	91-1	2.40	2.58	2.76	2.58	7.01	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-04	Instrumnet Name :	P8
Client Sample ID :	MH1FA1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:18:12	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17135.96	17605.68	17461.63	17401.09	1.38	ppb
Antimony	121-1	2.58	2.82	2.84	2.74	5.34	ppb
Arsenic	75-2	30.08	31.67	31.64	31.13	2.93	ppb
Barium	135-1	486.07	496.58	515.99	499.55	3.04	ppb
Barium	137-1	478.05	501.89	528.31	502.75	5.00	ppb
Beryllium	9-1	2.19	2.06	2.20	2.15	3.58	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	29.62	28.70	33.55	30.63	8.41	ppb
Boron	11-1	29.98	29.85	31.73	30.52	3.44	ppb
Bromine	81-1						cps
Cadmium	111-1	12.07	12.32	12.77	12.39	2.89	ppb
Cadmium	106-1	10.46	9.81	14.25	11.50	20.85	ppb
Cadmium	108-1	9.93	11.86	12.99	11.59	13.34	ppb
Calcium	43-1	68233.40	68702.38	69210.40	68715.39	0.71	ppb
Calcium	44-1	69089.94	68720.43	71767.02	69859.13	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.69	31.60	30.97	31.09	1.50	ppb
Cobalt	59-2	19.34	20.11	19.98	19.81	2.07	ppb
Copper	63-2	210.35	218.13	213.03	213.84	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	44710.75	46208.04	45050.19	45323.00	1.73	ppb
Iron	56-2	44440.58	45097.01	45251.22	44929.60	0.96	ppb
Iron	57-2	45016.86	45982.61	45897.57	45632.34	1.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-04	Instrumnet Name :	P8
Client Sample ID :	MH1FA1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:18:12	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	870.44	861.60	851.42	861.16	1.11	ppb
Lead	207-1	858.94	855.59	850.27	854.93	0.51	ppb
Lead	208-1	853.97	845.91	841.34	847.07	0.75	ppb
Lithium	6-1				110		%
Magnesium	24-2	9820.50	10098.68	9817.14	9912.11	1.63	ppb
Manganese	55-2	2091.33	2142.20	2113.32	2115.62	1.21	ppb
Molybdenum	94-1	7.78	7.31	7.59	7.56	3.10	ppb
Molybdenum	95-1	3.59	3.39	3.49	3.49	2.89	ppb
Molybdenum	96-1	4.13	4.26	4.23	4.21	1.69	ppb
Molybdenum	97-1	3.15	3.67	3.77	3.53	9.40	ppb
Molybdenum	98-1	3.41	3.30	3.43	3.38	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.27	53.23	52.36	52.29	1.88	ppb
Phosphorus	31-2	4304.55	4566.41	4388.93	4419.96	3.02	ppb
Potassium	39-2	7371.20	7522.56	7460.72	7451.49	1.02	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				109		%
Scandium	45-2				94		%
Selenium	82-1	2.36	3.07	2.50	2.64	14.13	ppb
Selenium	77-2	51.91	47.17	40.08	46.39	12.84	ppb
Selenium	78-2	6.64	6.83	6.96	6.81	2.40	ppb
Silicon	28-1	1399.77	1326.46	1415.37	1380.53	3.44	ppb
Silver	107-1	3.62	3.74	3.93	3.76	4.09	ppb
Silver	109-1	3.60	3.92	3.97	3.83	5.30	ppb
Sodium	23-2	444.61	454.55	448.66	449.27	1.11	ppb
Strontium	86-1	284.77	277.69	285.38	282.62	1.51	ppb
Strontium	88-1	275.89	279.26	279.85	278.33	0.77	ppb
Sulfur	34-1	-71.34	-4.43	272.28	65.50	278.12	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.84	0.76	0.79	0.80	5.01	ppb
Thallium	205-1	0.79	0.75	0.76	0.77	2.69	ppb
Tin	118-1	22.55	24.16	25.60	24.10	6.33	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-04	Instrumnet Name :	P8
Client Sample ID :	MH1FA1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:18:12	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	215.84	212.66	218.20	215.57	1.29	ppb
Uranium	238-1	2.71	2.61	2.78	2.70	3.13	ppb
Vanadium	51-2	71.43	73.48	73.19	72.70	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	1567.95	1627.15	1584.25	1593.11	1.92	ppb
Zirconium	90-1	2.46	2.42	2.45	2.44	0.84	ppb
Zirconium	91-1	2.53	2.34	2.41	2.43	3.83	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-05	Instrumnet Name :	P8
Client Sample ID :	MH1FA2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:21:05	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18574.29	18809.33	18692.75	18692.12	0.63	ppb
Antimony	121-1	2.86	2.96	2.90	2.91	1.58	ppb
Arsenic	75-2	30.61	29.80	31.32	30.58	2.48	ppb
Barium	135-1	521.56	550.15	516.77	529.49	3.41	ppb
Barium	137-1	525.07	556.87	556.96	546.30	3.37	ppb
Beryllium	9-1	2.06	2.25	2.15	2.15	4.41	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	27.95	31.17	30.52	29.88	5.70	ppb
Boron	11-1	28.51	30.80	30.55	29.96	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	9.61	9.91	9.40	9.64	2.69	ppb
Cadmium	106-1	8.89	10.58	9.43	9.63	8.98	ppb
Cadmium	108-1	8.40	8.23	8.26	8.30	1.08	ppb
Calcium	43-1	79458.15	88327.16	84718.62	84167.98	5.30	ppb
Calcium	44-1	79963.80	88096.45	82535.54	83531.93	4.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.64	26.02	25.72	25.79	0.78	ppb
Cobalt	59-2	20.08	19.95	19.95	19.99	0.36	ppb
Copper	63-2	169.37	169.94	173.00	170.77	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				107		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	54-2	46339.28	47243.17	48311.14	47297.86	2.09	ppb
Iron	56-2	45324.72	46554.53	47049.32	46309.52	1.92	ppb
Iron	57-2	46085.98	47605.31	48396.39	47362.56	2.48	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-05	Instrumnet Name :	P8
Client Sample ID :	MH1FA2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:21:05	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	681.47	716.86	657.54	685.29	4.35	ppb
Lead	207-1	660.10	690.84	649.64	666.86	3.21	ppb
Lead	208-1	664.35	704.87	645.87	671.70	4.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	10170.51	10277.48	10338.30	10262.09	0.83	ppb
Manganese	55-2	1737.16	1769.20	1828.67	1778.34	2.61	ppb
Molybdenum	94-1	6.37	7.39	6.34	6.70	8.91	ppb
Molybdenum	95-1	3.41	3.82	3.21	3.48	8.90	ppb
Molybdenum	96-1	4.13	4.46	3.94	4.18	6.28	ppb
Molybdenum	97-1	3.44	3.66	3.38	3.50	4.12	ppb
Molybdenum	98-1	3.23	3.68	3.37	3.43	6.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.70	58.53	58.18	58.14	0.71	ppb
Phosphorus	31-2	4006.79	4268.26	4183.45	4152.83	3.21	ppb
Potassium	39-2	6817.88	6894.22	6901.35	6871.15	0.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				92		%
Selenium	82-1	1.85	2.73	2.07	2.21	20.66	ppb
Selenium	77-2	33.79	49.30	45.54	42.87	18.86	ppb
Selenium	78-2	7.38	8.19	8.74	8.10	8.48	ppb
Silicon	28-1	1452.79	1601.40	1441.81	1498.67	5.95	ppb
Silver	107-1	3.02	3.12	3.01	3.05	1.98	ppb
Silver	109-1	3.02	3.23	3.07	3.11	3.60	ppb
Sodium	23-2	570.43	590.31	579.64	580.13	1.71	ppb
Strontium	86-1	307.06	333.64	303.58	314.76	5.22	ppb
Strontium	88-1	303.02	335.38	297.96	312.12	6.50	ppb
Sulfur	34-1	15.36	1420.69	402.94	612.99	118.41	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.75	0.74	0.69	0.72	4.34	ppb
Thallium	205-1	0.70	0.79	0.70	0.73	7.26	ppb
Tin	118-1	17.85	19.45	19.08	18.79	4.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-05	Instrumnet Name :	P8
Client Sample ID :	MH1FA2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:21:05	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	195.31	214.19	201.33	203.61	4.74	ppb
Uranium	238-1	3.42	3.64	3.24	3.43	5.91	ppb
Vanadium	51-2	78.14	77.78	78.44	78.12	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	1257.57	1258.22	1272.37	1262.72	0.66	ppb
Zirconium	90-1	2.04	2.18	1.98	2.07	5.14	ppb
Zirconium	91-1	2.01	2.23	1.99	2.08	6.39	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-06	Instrumnet Name :	P8
Client Sample ID :	MH1FA3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:24:00	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19601.83	19385.34	20428.61	19805.26	2.78	ppb
Antimony	121-1	2.52	2.42	2.58	2.51	3.29	ppb
Arsenic	75-2	27.59	28.75	30.11	28.82	4.38	ppb
Barium	135-1	594.39	589.43	601.79	595.21	1.05	ppb
Barium	137-1	619.20	606.30	611.11	612.20	1.07	ppb
Beryllium	9-1	2.53	2.36	2.47	2.45	3.60	ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	37.45	35.59	38.37	37.13	3.82	ppb
Boron	11-1	35.37	36.82	39.87	37.35	6.15	ppb
Bromine	81-1						cps
Cadmium	111-1	12.42	12.42	12.55	12.46	0.62	ppb
Cadmium	106-1	12.56	13.24	12.39	12.73	3.52	ppb
Cadmium	108-1	12.35	11.77	12.31	12.14	2.68	ppb
Calcium	43-1	89145.90	89926.19	91090.31	90054.13	1.09	ppb
Calcium	44-1	86514.88	88249.75	91391.60	88718.74	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.36	61.76	64.67	62.59	2.88	ppb
Cobalt	59-2	21.91	21.77	22.75	22.14	2.38	ppb
Copper	63-2	236.47	236.00	245.88	239.45	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				112		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				93		%
Iron	54-2	59469.24	58638.19	61823.05	59976.83	2.75	ppb
Iron	56-2	59332.85	58662.12	60180.04	59391.67	1.28	ppb
Iron	57-2	59403.75	59096.67	60376.90	59625.77	1.12	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-06	Instrumnet Name :	P8
Client Sample ID :	MH1FA3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:24:00	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1113.43	1061.53	1140.77	1105.24	3.64	ppb
Lead	207-1	1118.20	1058.86	1129.84	1102.30	3.45	ppb
Lead	208-1	1115.76	1075.11	1146.86	1112.58	3.23	ppb
Lithium	6-1				111		%
Magnesium	24-2	12231.96	12261.97	12853.93	12449.29	2.82	ppb
Manganese	55-2	2756.67	2797.08	2787.42	2780.39	0.76	ppb
Molybdenum	94-1	8.74	8.04	8.41	8.40	4.19	ppb
Molybdenum	95-1	3.22	3.29	3.34	3.28	1.87	ppb
Molybdenum	96-1	4.27	4.27	4.37	4.30	1.38	ppb
Molybdenum	97-1	3.37	3.25	3.20	3.27	2.61	ppb
Molybdenum	98-1	3.33	3.16	3.35	3.28	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.64	61.56	64.49	62.57	2.67	ppb
Phosphorus	31-2	5194.64	5427.39	5687.68	5436.57	4.54	ppb
Potassium	39-2	8150.92	8027.84	8384.50	8187.76	2.21	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				91		%
Selenium	82-1	2.93	3.17	3.21	3.10	4.95	ppb
Selenium	77-2	45.40	51.69	39.88	45.66	12.94	ppb
Selenium	78-2	8.65	8.76	8.43	8.61	1.96	ppb
Silicon	28-1	1795.84	1782.86	1807.67	1795.46	0.69	ppb
Silver	107-1	4.10	4.06	4.31	4.16	3.29	ppb
Silver	109-1	4.21	4.19	4.31	4.24	1.58	ppb
Sodium	23-2	487.64	476.83	523.80	496.09	4.96	ppb
Strontium	86-1	341.93	327.57	340.55	336.68	2.35	ppb
Strontium	88-1	334.94	330.16	345.28	336.80	2.29	ppb
Sulfur	34-1	335.51	197.78	847.70	460.33	74.40	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.61	0.60	0.63	0.62	2.99	ppb
Thallium	205-1	0.65	0.65	0.60	0.63	4.11	ppb
Tin	118-1	24.50	24.22	24.96	24.56	1.53	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-06	Instrumnet Name :	P8
Client Sample ID :	MH1FA3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:24:00	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	280.80	274.93	281.69	279.14	1.32	ppb
Uranium	238-1	3.34	3.21	3.59	3.38	5.63	ppb
Vanadium	51-2	80.55	79.77	83.56	81.29	2.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				99		%
Zinc	66-2	2663.10	2619.10	2767.10	2683.10	2.83	ppb
Zirconium	90-1	3.00	2.98	3.19	3.06	3.78	ppb
Zirconium	91-1	2.85	3.03	3.08	2.99	4.11	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P8
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:26:54	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50816.45	51071.14	48709.10	50198.90	2.58	ppb
Antimony	121-1	456.27	466.18	489.58	470.68	3.63	ppb
Arsenic	75-2	512.29	503.76	497.27	504.44	1.49	ppb
Barium	135-1	2410.02	2482.73	2477.75	2456.83	1.65	ppb
Barium	137-1	2394.98	2440.04	2523.42	2452.81	2.66	ppb
Beryllium	9-1	532.23	498.42	495.10	508.58	4.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	516.78	494.25	510.87	507.30	2.30	ppb
Boron	11-1	494.18	502.82	522.43	506.48	2.86	ppb
Bromine	81-1						cps
Cadmium	111-1	492.82	507.47	512.43	504.24	2.02	ppb
Cadmium	106-1	495.82	496.70	514.08	502.20	2.05	ppb
Cadmium	108-1	500.82	496.50	517.75	505.02	2.22	ppb
Calcium	43-1	253466.09	255987.70	257251.05	255568.28	0.75	ppb
Calcium	44-1	260377.23	258345.88	250647.21	256456.77	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.87	486.68	476.97	485.17	1.56	ppb
Cobalt	59-2	528.73	549.96	515.95	531.55	3.23	ppb
Copper	63-2	5079.31	5229.15	4998.64	5102.37	2.29	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				111		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				89		%
Iron	54-2	127002.26	130173.24	126586.24	127920.58	1.53	ppb
Iron	56-2	126325.84	130578.58	126520.38	127808.27	1.88	ppb
Iron	57-2	130120.81	133144.64	124920.72	129395.39	3.21	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P8
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:26:54	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2410.35	2514.97	2422.85	2449.39	2.33	ppb
Lead	207-1	2535.26	2532.99	2376.75	2481.67	3.66	ppb
Lead	208-1	2502.05	2548.80	2424.98	2491.95	2.51	ppb
Lithium	6-1				105		%
Magnesium	24-2	256089.56	259352.95	247591.00	254344.51	2.39	ppb
Manganese	55-2	5038.20	5239.85	5021.05	5099.70	2.39	ppb
Molybdenum	94-1	5408.80	5576.64	5392.22	5459.22	1.87	ppb
Molybdenum	95-1	5324.99	5616.76	5438.75	5460.16	2.69	ppb
Molybdenum	96-1	5456.82	5629.61	5342.86	5476.43	2.64	ppb
Molybdenum	97-1	5493.05	5618.17	5370.37	5493.86	2.26	ppb
Molybdenum	98-1	5384.70	5738.90	5572.24	5565.28	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.70	521.72	504.51	513.98	1.70	ppb
Phosphorus	31-2	10317.20	9919.58	9591.50	9942.76	3.65	ppb
Potassium	39-2	124852.84	126917.60	126023.73	125931.39	0.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				104		%
Scandium	45-2				88		%
Selenium	82-1	526.22	528.19	519.86	524.76	0.83	ppb
Selenium	77-2	523.30	504.88	508.08	512.09	1.92	ppb
Selenium	78-2	528.89	521.94	511.77	520.87	1.65	ppb
Silicon	28-1	555.69	574.96	595.58	575.41	3.47	ppb
Silver	107-1	503.97	486.05	495.82	495.28	1.81	ppb
Silver	109-1	492.29	508.69	514.01	505.00	2.24	ppb
Sodium	23-2	263548.70	266881.46	257701.14	262710.43	1.77	ppb
Strontium	86-1	5026.03	4956.55	4792.84	4925.14	2.43	ppb
Strontium	88-1	5022.34	4870.59	4713.30	4868.74	3.17	ppb
Sulfur	34-1	12520.08	11677.97	11899.47	12032.51	3.63	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	480.66	538.10	531.65	516.80	6.09	ppb
Thallium	205-1	485.82	533.09	506.15	508.35	4.66	ppb
Tin	118-1	491.22	490.64	515.49	499.11	2.84	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P8
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:26:54	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5387.48	5312.34	5282.99	5327.60	1.01	ppb
Uranium	238-1	483.99	523.43	526.44	511.29	4.63	ppb
Vanadium	51-2	492.62	503.46	486.36	494.14	1.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	4930.14	4985.20	4824.52	4913.29	1.66	ppb
Zirconium	90-1	496.23	509.14	494.61	499.99	1.59	ppb
Zirconium	91-1	510.04	519.83	497.34	509.07	2.21	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB045 Instrumnet Name : P8
 Client Sample ID : CCB045 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 15:35:24 DataFile Name : 087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.66	2.00	1.57	2.08	26.28	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	6.50	ppb
Arsenic	75-2	0.00	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.16	0.14	0.07	0.12	39.55	ppb
Barium	137-1	0.13	0.17	0.10	0.13	24.11	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	28.46	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	15.30	15.48	14.42	15.07	3.76	ppb
Boron	11-1	15.21	14.29	14.37	14.62	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Cadmium	106-1	-3.62	-2.98	-3.85	-3.48		ppb
Cadmium	108-1	-0.12	-0.04	-0.16	-0.11		ppb
Calcium	43-1	12.70	11.94	10.81	11.82	8.06	ppb
Calcium	44-1	4.47	0.63	-0.64	1.48	179.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.06	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	352.87	ppb
Copper	63-2	0.22	0.18	0.17	0.19	12.02	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				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	54-2	9.28	3.37	2.78	5.14	69.90	ppb
Iron	56-2	6.76	4.82	3.68	5.09	30.61	ppb
Iron	57-2	3.91	4.63	3.05	3.86	20.49	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P8
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:35:24	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.23	0.16	0.20	19.41	ppb
Lead	207-1	0.14	0.20	0.12	0.15	27.32	ppb
Lead	208-1	0.20	0.20	0.15	0.18	14.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.66	2.22	2.34	2.41	9.44	ppb
Manganese	55-2	0.30	0.18	0.18	0.22	32.75	ppb
Molybdenum	94-1	0.13	0.12	0.08	0.11	26.61	ppb
Molybdenum	95-1	0.22	0.20	0.09	0.17	40.96	ppb
Molybdenum	96-1	0.17	0.11	0.10	0.13	29.17	ppb
Molybdenum	97-1	0.19	0.19	0.09	0.15	38.39	ppb
Molybdenum	98-1	0.15	0.15	0.15	0.15	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-48.50	-1.16	-18.19	-22.62		ppb
Potassium	39-2	0.47	5.89	5.67	4.01	76.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				88		%
Selenium	82-1	0.84	-0.10	0.83	0.52	102.56	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.58	-0.57	-0.89	-1.01		ppb
Silicon	28-1	-17.96	-19.22	-16.80	-18.00		ppb
Silver	107-1	0.01	0.00	0.01	0.00	138.23	ppb
Silver	109-1	0.02	0.01	0.02	0.01	34.22	ppb
Sodium	23-2	13.05	14.49	12.70	13.41	7.09	ppb
Strontium	86-1	0.15	0.04	0.05	0.08	76.34	ppb
Strontium	88-1	0.17	0.10	0.10	0.13	31.85	ppb
Sulfur	34-1	-432.00	-951.59	-787.54	-723.71		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.01	0.00	-0.02	-0.01		ppb
Tin	118-1	-0.10	-0.10	-0.12	-0.10		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P8
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:35:24	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.03	0.02	0.07	103.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.84	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	94.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	0.39	0.18	0.24	0.27	41.23	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	78.97	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	23.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-07	Instrumnet Name :	P8
Client Sample ID :	MH1FA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:38:27	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19494.81	19729.97	19478.41	19567.73	0.72	ppb
Antimony	121-1	2.86	3.00	2.97	2.95	2.45	ppb
Arsenic	75-2	31.14	31.98	30.55	31.22	2.30	ppb
Barium	135-1	616.41	612.40	626.18	618.33	1.15	ppb
Barium	137-1	642.79	656.04	635.46	644.76	1.62	ppb
Beryllium	9-1	2.66	2.45	2.47	2.53	4.47	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	40.54	42.09	43.69	42.11	3.75	ppb
Boron	11-1	41.28	43.43	44.63	43.12	3.93	ppb
Bromine	81-1						cps
Cadmium	111-1	12.78	12.68	12.90	12.79	0.87	ppb
Cadmium	106-1	11.42	11.42	13.34	12.06	9.20	ppb
Cadmium	108-1	11.69	12.45	11.02	11.72	6.11	ppb
Calcium	43-1	90180.42	89746.57	90512.96	90146.65	0.43	ppb
Calcium	44-1	88930.78	91128.63	90928.20	90329.20	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.67	52.31	52.17	52.05	0.65	ppb
Cobalt	59-2	22.00	22.27	21.98	22.08	0.75	ppb
Copper	63-2	249.74	255.25	249.96	251.65	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				113		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	54-2	59342.97	60737.94	60068.92	60049.94	1.16	ppb
Iron	56-2	59158.26	60740.83	58938.77	59612.62	1.65	ppb
Iron	57-2	59003.24	62861.58	60327.03	60730.62	3.23	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-07	Instrumnet Name :	P8
Client Sample ID :	MH1FA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:38:27	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1479.62	1442.58	1445.72	1455.97	1.41	ppb
Lead	207-1	1456.23	1413.11	1449.44	1439.59	1.61	ppb
Lead	208-1	1446.41	1408.96	1452.93	1436.10	1.65	ppb
Lithium	6-1				109		%
Magnesium	24-2	11044.12	11516.16	10630.44	11063.58	4.01	ppb
Manganese	55-2	2616.55	2635.54	2576.34	2609.48	1.16	ppb
Molybdenum	94-1	8.28	8.18	8.11	8.19	1.03	ppb
Molybdenum	95-1	3.64	3.73	3.86	3.75	2.97	ppb
Molybdenum	96-1	4.54	4.72	4.88	4.71	3.64	ppb
Molybdenum	97-1	4.02	3.88	3.95	3.95	1.70	ppb
Molybdenum	98-1	3.92	3.66	3.72	3.77	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.34	64.89	63.19	64.14	1.36	ppb
Phosphorus	31-2	5043.82	5044.24	5197.42	5095.16	1.74	ppb
Potassium	39-2	8252.20	8379.06	8212.85	8281.37	1.05	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				94		%
Selenium	82-1	3.00	1.85	3.77	2.87	33.53	ppb
Selenium	77-2	33.38	29.75	40.80	34.64	16.26	ppb
Selenium	78-2	8.93	9.08	6.95	8.32	14.28	ppb
Silicon	28-1	1377.45	1396.87	1434.21	1402.85	2.06	ppb
Silver	107-1	4.25	4.32	4.46	4.34	2.38	ppb
Silver	109-1	4.36	4.37	4.42	4.38	0.66	ppb
Sodium	23-2	514.59	524.36	515.56	518.17	1.04	ppb
Strontium	86-1	370.49	375.87	377.02	374.46	0.93	ppb
Strontium	88-1	364.94	366.62	369.69	367.08	0.66	ppb
Sulfur	34-1	-517.22	-376.08	-376.33	-423.21		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.74	0.68	0.70	0.71	4.55	ppb
Thallium	205-1	0.72	0.71	0.73	0.72	1.51	ppb
Tin	118-1	26.21	26.36	25.99	26.19	0.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-07	Instrumnet Name :	P8
Client Sample ID :	MH1FA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:38:27	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	255.89	262.12	264.31	260.77	1.67	ppb
Uranium	238-1	3.44	3.29	3.41	3.38	2.40	ppb
Vanadium	51-2	82.70	84.06	83.65	83.47	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				101		%
Zinc	66-2	2802.55	2841.40	2824.49	2822.81	0.69	ppb
Zirconium	90-1	2.66	2.63	2.63	2.64	0.56	ppb
Zirconium	91-1	2.74	2.71	2.63	2.69	2.24	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-08	Instrumnet Name :	P8
Client Sample ID :	MH1FA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:41:23	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17696.31	17807.44	17816.00	17773.25	0.38	ppb
Antimony	121-1	2.43	2.42	2.54	2.47	2.64	ppb
Arsenic	75-2	29.57	30.67	30.57	30.27	2.00	ppb
Barium	135-1	542.46	538.12	562.88	547.82	2.41	ppb
Barium	137-1	560.45	575.82	603.39	579.88	3.75	ppb
Beryllium	9-1	2.14	2.29	2.23	2.22	3.59	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	37.63	39.53	41.98	39.71	5.48	ppb
Boron	11-1	38.70	40.33	43.71	40.91	6.25	ppb
Bromine	81-1						cps
Cadmium	111-1	10.71	11.22	11.57	11.16	3.87	ppb
Cadmium	106-1	10.63	9.55	11.20	10.46	8.01	ppb
Cadmium	108-1	11.27	9.19	9.54	10.00	11.16	ppb
Calcium	43-1	86687.99	87910.38	95245.52	89947.96	5.15	ppb
Calcium	44-1	86212.29	86813.49	92534.81	88520.20	3.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.73	30.22	29.88	29.94	0.84	ppb
Cobalt	59-2	20.55	20.86	20.31	20.57	1.35	ppb
Copper	63-2	203.79	205.08	202.79	203.88	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				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	49895.23	50649.65	50883.88	50476.25	1.02	ppb
Iron	56-2	50042.58	48652.22	48985.67	49226.82	1.47	ppb
Iron	57-2	49237.85	50608.95	50963.24	50270.01	1.81	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-08	Instrumnet Name :	P8
Client Sample ID :	MH1FA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:41:23	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	822.22	803.61	876.79	834.20	4.56	ppb
Lead	207-1	786.56	818.02	885.54	830.04	6.09	ppb
Lead	208-1	800.06	810.63	871.30	827.33	4.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	10004.83	9862.84	9954.09	9940.59	0.72	ppb
Manganese	55-2	2067.55	2087.23	2125.92	2093.57	1.42	ppb
Molybdenum	94-1	6.93	6.53	7.45	6.97	6.58	ppb
Molybdenum	95-1	3.54	3.49	3.73	3.59	3.49	ppb
Molybdenum	96-1	4.21	4.00	4.34	4.19	4.12	ppb
Molybdenum	97-1	3.59	3.41	3.67	3.55	3.78	ppb
Molybdenum	98-1	3.56	3.47	3.77	3.60	4.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.19	58.45	59.18	58.61	0.88	ppb
Phosphorus	31-2	4413.42	4415.57	4227.14	4352.04	2.49	ppb
Potassium	39-2	6937.45	7138.60	7029.78	7035.27	1.43	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				95		%
Selenium	82-1	3.14	2.36	2.86	2.79	14.19	ppb
Selenium	77-2	42.86	32.46	31.19	35.50	18.04	ppb
Selenium	78-2	7.09	6.97	7.64	7.23	4.98	ppb
Silicon	28-1	1424.98	1326.84	1479.79	1410.54	5.49	ppb
Silver	107-1	3.62	3.51	3.61	3.58	1.64	ppb
Silver	109-1	3.68	3.70	3.80	3.73	1.65	ppb
Sodium	23-2	542.24	529.71	534.40	535.45	1.18	ppb
Strontium	86-1	347.69	330.17	370.52	349.46	5.79	ppb
Strontium	88-1	341.61	336.42	362.20	346.74	3.93	ppb
Sulfur	34-1	-85.86	-407.22	498.09	1.67	27451.52	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.73	0.69	0.77	0.73	5.41	ppb
Thallium	205-1	0.73	0.76	0.80	0.76	4.37	ppb
Tin	118-1	21.04	21.98	21.90	21.64	2.40	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-08	Instrumnet Name :	P8
Client Sample ID :	MH1FA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:41:23	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	217.43	217.11	230.15	221.56	3.36	ppb
Uranium	238-1	3.38	3.27	3.54	3.40	4.05	ppb
Vanadium	51-2	73.49	74.54	74.02	74.01	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				103		%
Zinc	66-2	1874.16	1919.63	1917.32	1903.70	1.35	ppb
Zirconium	90-1	1.97	1.94	2.18	2.03	6.55	ppb
Zirconium	91-1	2.04	1.93	2.02	2.00	3.02	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-09	Instrumnet Name :	P8
Client Sample ID :	MH1FA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:44:16	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18347.46	18597.74	18675.45	18540.21	0.92	ppb
Antimony	121-1	1.86	1.96	1.95	1.92	2.77	ppb
Arsenic	75-2	26.50	26.47	27.18	26.72	1.50	ppb
Barium	135-1	464.19	468.14	474.27	468.87	1.08	ppb
Barium	137-1	476.60	490.96	478.32	481.96	1.63	ppb
Beryllium	9-1	1.62	1.88	1.64	1.71	8.61	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	29.06	30.73	30.35	30.04	2.91	ppb
Boron	11-1	30.53	33.58	31.84	31.98	4.77	ppb
Bromine	81-1						cps
Cadmium	111-1	3.91	4.28	4.64	4.28	8.60	ppb
Cadmium	106-1	5.77	4.80	4.92	5.16	10.24	ppb
Cadmium	108-1	4.20	4.60	4.08	4.29	6.31	ppb
Calcium	43-1	118004.67	122839.65	119558.53	120134.28	2.05	ppb
Calcium	44-1	115293.55	119488.49	115083.72	116621.92	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.52	25.95	26.13	25.87	1.22	ppb
Cobalt	59-2	17.62	17.61	17.79	17.67	0.57	ppb
Copper	63-2	90.45	91.69	92.67	91.60	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				109		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	40263.01	39875.99	40567.91	40235.64	0.86	ppb
Iron	56-2	39306.09	39988.27	40335.05	39876.47	1.31	ppb
Iron	57-2	39451.48	41341.20	40425.72	40406.13	2.34	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-09	Instrumnet Name :	P8
Client Sample ID :	MH1FA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:44:16	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	234.03	235.52	238.55	236.03	0.98	ppb
Lead	207-1	233.74	223.31	227.39	228.15	2.30	ppb
Lead	208-1	242.50	238.31	239.84	240.22	0.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	10611.78	11061.23	11048.43	10907.15	2.35	ppb
Manganese	55-2	1075.40	1080.72	1084.93	1080.35	0.44	ppb
Molybdenum	94-1	6.85	6.42	6.40	6.56	3.88	ppb
Molybdenum	95-1	3.51	3.66	3.74	3.64	3.18	ppb
Molybdenum	96-1	4.34	4.41	4.30	4.35	1.28	ppb
Molybdenum	97-1	3.84	3.77	3.77	3.79	1.06	ppb
Molybdenum	98-1	3.55	3.59	3.66	3.60	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.25	51.05	51.15	51.15	0.20	ppb
Phosphorus	31-2	3446.70	3566.13	3393.21	3468.68	2.55	ppb
Potassium	39-2	6518.19	6601.22	6557.69	6559.03	0.63	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				94		%
Selenium	82-1	2.63	3.25	1.08	2.32	48.27	ppb
Selenium	77-2	48.46	46.61	42.25	45.77	6.97	ppb
Selenium	78-2	8.67	6.99	9.51	8.39	15.25	ppb
Silicon	28-1	1419.18	1452.25	1409.70	1427.04	1.57	ppb
Silver	107-1	1.15	1.17	1.13	1.15	1.57	ppb
Silver	109-1	1.24	1.22	1.19	1.21	2.03	ppb
Sodium	23-2	524.61	531.49	524.68	526.93	0.75	ppb
Strontium	86-1	315.90	311.75	311.07	312.91	0.83	ppb
Strontium	88-1	315.31	310.13	315.33	313.59	0.95	ppb
Sulfur	34-1	-227.50	147.50	-250.93	-110.31		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.57	0.54	0.59	0.57	4.64	ppb
Thallium	205-1	0.52	0.56	0.56	0.55	4.09	ppb
Tin	118-1	6.34	6.43	6.56	6.44	1.70	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-09	Instrumnet Name :	P8
Client Sample ID :	MH1FA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:44:16	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	169.84	182.53	179.82	177.40	3.77	ppb
Uranium	238-1	3.92	3.67	3.80	3.79	3.34	ppb
Vanadium	51-2	83.94	85.06	84.87	84.62	0.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				104		%
Zinc	66-2	574.63	578.77	578.32	577.24	0.39	ppb
Zirconium	90-1	1.89	1.91	1.86	1.88	1.30	ppb
Zirconium	91-1	1.79	1.78	1.83	1.80	1.60	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-10	Instrumnet Name :	P8
Client Sample ID :	MH1FA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:47:12	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20770.58	20486.10	20169.75	20475.48	1.47	ppb
Antimony	121-1	2.66	2.76	2.91	2.78	4.48	ppb
Arsenic	75-2	29.48	29.58	29.25	29.43	0.58	ppb
Barium	135-1	610.96	655.12	620.61	628.89	3.69	ppb
Barium	137-1	629.11	685.31	629.91	648.11	4.97	ppb
Beryllium	9-1	2.45	2.68	2.58	2.57	4.34	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	39.56	41.35	43.01	41.31	4.19	ppb
Boron	11-1	39.38	44.04	44.84	42.75	6.90	ppb
Bromine	81-1						cps
Cadmium	111-1	13.04	13.51	13.19	13.24	1.80	ppb
Cadmium	106-1	11.41	15.10	12.43	12.98	14.71	ppb
Cadmium	108-1	12.40	12.63	12.70	12.58	1.26	ppb
Calcium	43-1	93769.97	94244.06	83454.65	90489.56	6.74	ppb
Calcium	44-1	92426.37	93221.57	87053.89	90900.61	3.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.34	62.08	60.89	61.77	1.25	ppb
Cobalt	59-2	22.54	22.61	22.17	22.44	1.07	ppb
Copper	63-2	245.35	248.39	240.59	244.77	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	54-2	61035.98	62031.98	61925.14	61664.37	0.89	ppb
Iron	56-2	63253.80	62087.58	60423.60	61921.66	2.30	ppb
Iron	57-2	63481.96	63295.53	61576.45	62784.65	1.67	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-10	Instrumnet Name :	P8
Client Sample ID :	MH1FA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:47:12	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1119.67	1109.41	1070.52	1099.87	2.36	ppb
Lead	207-1	1092.45	1128.40	1036.47	1085.77	4.27	ppb
Lead	208-1	1105.89	1111.21	1055.07	1090.72	2.84	ppb
Lithium	6-1				106		%
Magnesium	24-2	12608.57	12343.67	12437.27	12463.17	1.08	ppb
Manganese	55-2	2872.76	2896.66	2804.18	2857.87	1.68	ppb
Molybdenum	94-1	7.83	7.83	7.82	7.83	0.08	ppb
Molybdenum	95-1	3.50	3.56	3.57	3.54	0.97	ppb
Molybdenum	96-1	4.45	4.44	4.31	4.40	1.78	ppb
Molybdenum	97-1	3.20	3.53	3.49	3.41	5.31	ppb
Molybdenum	98-1	3.57	3.71	3.37	3.55	4.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.60	61.35	60.82	61.26	0.65	ppb
Phosphorus	31-2	6017.26	6260.93	6101.77	6126.65	2.02	ppb
Potassium	39-2	9006.82	8824.06	8671.88	8834.25	1.90	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				94		%
Selenium	82-1	3.20	3.17	2.14	2.84	21.34	ppb
Selenium	77-2	39.51	42.94	36.53	39.66	8.08	ppb
Selenium	78-2	10.45	9.13	8.43	9.34	10.99	ppb
Silicon	28-1	1492.26	1610.58	1439.22	1514.02	5.79	ppb
Silver	107-1	4.32	4.42	4.35	4.37	1.21	ppb
Silver	109-1	4.21	4.60	4.46	4.42	4.49	ppb
Sodium	23-2	507.70	507.30	507.77	507.59	0.05	ppb
Strontium	86-1	338.16	341.13	331.50	336.93	1.46	ppb
Strontium	88-1	343.93	337.87	339.54	340.45	0.92	ppb
Sulfur	34-1	-364.26	293.26	-939.91	-336.97		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.72	0.71	0.58	0.67	11.51	ppb
Thallium	205-1	0.70	0.68	0.66	0.68	2.74	ppb
Tin	118-1	26.58	28.18	26.52	27.10	3.48	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-10	Instrumnet Name :	P8
Client Sample ID :	MH1FA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:47:12	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	271.39	284.26	257.75	271.14	4.89	ppb
Uranium	238-1	3.67	3.61	3.41	3.56	3.81	ppb
Vanadium	51-2	83.17	82.40	81.25	82.27	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				102		%
Zinc	66-2	2797.10	2757.82	2731.26	2762.06	1.20	ppb
Zirconium	90-1	2.52	2.58	2.50	2.53	1.71	ppb
Zirconium	91-1	2.52	2.56	2.23	2.43	7.49	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-11	Instrumnet Name :	P8
Client Sample ID :	MH1FA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:50:05	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18695.17	18989.10	18978.56	18887.61	0.88	ppb
Antimony	121-1	2.45	2.58	2.50	2.51	2.62	ppb
Arsenic	75-2	30.55	30.53	30.45	30.51	0.18	ppb
Barium	135-1	559.63	562.28	559.01	560.31	0.31	ppb
Barium	137-1	588.09	595.68	555.33	579.70	3.70	ppb
Beryllium	9-1	2.55	2.51	2.53	2.53	0.81	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	33.42	37.64	38.84	36.63	7.77	ppb
Boron	11-1	35.99	37.58	39.67	37.75	4.90	ppb
Bromine	81-1						cps
Cadmium	111-1	12.61	13.18	12.30	12.70	3.51	ppb
Cadmium	106-1	10.17	12.81	11.81	11.59	11.51	ppb
Cadmium	108-1	12.29	11.92	11.79	12.00	2.17	ppb
Calcium	43-1	81980.05	83744.77	83101.59	82942.14	1.08	ppb
Calcium	44-1	80059.23	83701.61	82839.63	82200.15	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.09	38.95	38.88	38.64	1.24	ppb
Cobalt	59-2	21.63	21.92	21.59	21.71	0.82	ppb
Copper	63-2	384.19	392.85	388.90	388.65	1.12	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				110		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				95		%
Iron	54-2	53221.60	54141.25	53763.33	53708.73	0.86	ppb
Iron	56-2	53665.33	54050.97	52266.26	53327.52	1.76	ppb
Iron	57-2	52837.34	54744.16	53800.99	53794.16	1.77	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-11	Instrumnet Name :	P8
Client Sample ID :	MH1FA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:50:05	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1031.98	1047.86	1017.85	1032.56	1.45	ppb
Lead	207-1	995.82	1030.28	1000.26	1008.79	1.86	ppb
Lead	208-1	998.60	1024.88	1011.47	1011.65	1.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	10051.45	10507.74	10378.11	10312.43	2.28	ppb
Manganese	55-2	2354.77	2369.98	2383.82	2369.53	0.61	ppb
Molybdenum	94-1	7.29	7.94	7.48	7.57	4.46	ppb
Molybdenum	95-1	3.12	3.35	3.19	3.22	3.66	ppb
Molybdenum	96-1	4.15	3.98	3.95	4.03	2.67	ppb
Molybdenum	97-1	2.91	3.25	3.04	3.07	5.58	ppb
Molybdenum	98-1	2.99	3.04	2.93	2.99	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.64	72.85	74.27	72.92	1.80	ppb
Phosphorus	31-2	4007.13	3943.52	4283.99	4078.21	4.44	ppb
Potassium	39-2	7362.62	7560.02	7517.99	7480.21	1.39	ppb
Rhodium	103-1				107		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	82-1	1.52	3.17	3.42	2.70	38.21	ppb
Selenium	77-2	32.07	47.09	40.53	39.90	18.88	ppb
Selenium	78-2	6.12	7.21	7.10	6.81	8.79	ppb
Silicon	28-1	1412.15	1435.51	1455.73	1434.46	1.52	ppb
Silver	107-1	4.26	4.23	4.33	4.27	1.20	ppb
Silver	109-1	4.40	4.46	4.35	4.41	1.28	ppb
Sodium	23-2	497.96	518.82	509.59	508.79	2.05	ppb
Strontium	86-1	302.63	306.50	298.69	302.60	1.29	ppb
Strontium	88-1	307.00	311.51	306.53	308.35	0.89	ppb
Sulfur	34-1	-313.88	-671.46	-178.77	-388.04		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.82	0.83	0.79	0.82	2.44	ppb
Thallium	205-1	0.76	0.82	0.79	0.79	3.40	ppb
Tin	118-1	26.51	26.49	25.66	26.22	1.86	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-11	Instrumnet Name :	P8
Client Sample ID :	MH1FA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:50:05	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	239.88	237.72	244.25	240.62	1.38	ppb
Uranium	238-1	3.10	3.10	3.09	3.10	0.22	ppb
Vanadium	51-2	76.20	78.86	77.57	77.54	1.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				104		%
Zinc	66-2	2339.75	2345.58	2346.19	2343.84	0.15	ppb
Zirconium	90-1	2.52	2.66	2.61	2.60	2.72	ppb
Zirconium	91-1	2.50	2.43	2.58	2.50	2.98	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-12	Instrumnet Name :	P8
Client Sample ID :	MH1FA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:53:01	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18191.75	18184.74	19454.64	18610.38	3.93	ppb
Antimony	121-1	1.95	1.95	2.05	1.99	2.94	ppb
Arsenic	75-2	28.25	29.28	30.70	29.41	4.19	ppb
Barium	135-1	436.05	434.33	434.55	434.98	0.21	ppb
Barium	137-1	440.95	433.19	442.20	438.78	1.11	ppb
Beryllium	9-1	2.04	2.01	2.01	2.02	1.01	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	26.41	28.30	27.11	27.27	3.51	ppb
Boron	11-1	27.92	29.25	29.26	28.81	2.67	ppb
Bromine	81-1						cps
Cadmium	111-1	9.14	9.05	9.41	9.20	2.02	ppb
Cadmium	106-1	7.46	10.12	8.25	8.61	15.86	ppb
Cadmium	108-1	8.86	8.72	8.14	8.57	4.41	ppb
Calcium	43-1	57844.22	58768.84	56420.40	57677.82	2.05	ppb
Calcium	44-1	56531.16	56527.73	55538.08	56198.99	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.83	24.33	26.52	25.23	4.56	ppb
Cobalt	59-2	18.48	18.83	20.36	19.22	5.19	ppb
Copper	63-2	171.91	173.62	181.78	175.77	3.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	42006.90	43067.24	46589.27	43887.80	5.47	ppb
Iron	56-2	43286.18	42915.77	45551.26	43917.74	3.25	ppb
Iron	57-2	44550.55	42984.62	45332.16	44289.11	2.70	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-12	Instrumnet Name :	P8
Client Sample ID :	MH1FA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:53:01	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	617.01	647.05	632.36	632.14	2.38	ppb
Lead	207-1	610.23	629.93	610.72	616.96	1.82	ppb
Lead	208-1	610.90	627.65	611.82	616.79	1.53	ppb
Lithium	6-1				107		%
Magnesium	24-2	9226.84	9502.18	10241.85	9656.95	5.44	ppb
Manganese	55-2	1567.06	1616.92	1717.30	1633.76	4.68	ppb
Molybdenum	94-1	6.66	6.55	6.79	6.66	1.84	ppb
Molybdenum	95-1	2.83	2.96	3.14	2.98	5.31	ppb
Molybdenum	96-1	3.57	3.54	3.66	3.59	1.77	ppb
Molybdenum	97-1	2.93	2.97	3.05	2.98	2.13	ppb
Molybdenum	98-1	3.04	3.03	3.02	3.03	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.16	49.09	53.59	50.62	5.10	ppb
Phosphorus	31-2	2865.28	2864.40	3154.33	2961.34	5.64	ppb
Potassium	39-2	7452.97	7551.09	8156.06	7720.04	4.93	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				93		%
Selenium	82-1	2.05	1.81	2.89	2.25	25.25	ppb
Selenium	77-2	27.29	47.11	45.72	40.04	27.63	ppb
Selenium	78-2	6.69	9.34	8.26	8.10	16.47	ppb
Silicon	28-1	1403.60	1367.86	1353.13	1374.87	1.89	ppb
Silver	107-1	3.13	3.21	3.25	3.19	1.87	ppb
Silver	109-1	3.13	3.29	3.17	3.19	2.57	ppb
Sodium	23-2	614.28	626.60	670.96	637.28	4.68	ppb
Strontium	86-1	252.36	259.36	260.87	257.53	1.76	ppb
Strontium	88-1	250.34	263.49	260.03	257.95	2.64	ppb
Sulfur	34-1	-625.84	-446.86	-1038.15	-703.62		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.83	0.74	0.70	0.75	8.43	ppb
Thallium	205-1	0.74	0.83	0.76	0.78	5.87	ppb
Tin	118-1	16.40	17.10	17.43	16.98	3.08	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-12	Instrumnet Name :	P8
Client Sample ID :	MH1FA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:53:01	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	208.69	213.29	204.86	208.95	2.02	ppb
Uranium	238-1	2.81	2.68	2.69	2.73	2.70	ppb
Vanadium	51-2	72.73	72.55	78.63	74.63	4.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	1013.78	1007.86	1068.32	1029.99	3.24	ppb
Zirconium	90-1	2.21	2.26	2.29	2.25	1.77	ppb
Zirconium	91-1	2.20	2.30	2.25	2.25	2.24	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-13	Instrumnet Name :	P8
Client Sample ID :	MH1FB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:55:54	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19694.96	20071.27	19968.90	19911.71	0.98	ppb
Antimony	121-1	1.49	1.53	1.53	1.52	1.54	ppb
Arsenic	75-2	27.63	26.88	27.23	27.24	1.37	ppb
Barium	135-1	476.84	452.73	453.76	461.11	2.96	ppb
Barium	137-1	485.36	459.89	470.87	472.04	2.71	ppb
Beryllium	9-1	2.00	1.96	1.97	1.98	1.04	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	17.76	17.22	19.91	18.30	7.78	ppb
Boron	11-1	18.47	18.02	20.51	19.00	6.98	ppb
Bromine	81-1						cps
Cadmium	111-1	6.01	5.59	5.70	5.77	3.81	ppb
Cadmium	106-1	6.01	5.55	4.19	5.25	17.98	ppb
Cadmium	108-1	6.11	5.08	5.26	5.48	10.10	ppb
Calcium	43-1	54518.88	55214.15	53369.77	54367.60	1.71	ppb
Calcium	44-1	54943.17	55711.59	53551.03	54735.26	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.28	24.47	24.61	24.45	0.67	ppb
Cobalt	59-2	19.20	19.26	19.56	19.34	0.99	ppb
Copper	63-2	107.35	106.86	108.20	107.47	0.63	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				113		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	54-2	40251.04	40207.36	41707.85	40722.08	2.10	ppb
Iron	56-2	40157.90	41631.86	40610.54	40800.10	1.85	ppb
Iron	57-2	41197.28	42460.62	41432.95	41696.95	1.61	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-13	Instrumnet Name :	P8
Client Sample ID :	MH1FB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:55:54	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	221.30	232.94	222.75	225.66	2.81	ppb
Lead	207-1	214.13	228.22	219.83	220.73	3.21	ppb
Lead	208-1	231.23	238.17	231.67	233.69	1.66	ppb
Lithium	6-1				104		%
Magnesium	24-2	10439.44	10421.85	10572.35	10477.88	0.79	ppb
Manganese	55-2	1115.47	1114.85	1114.71	1115.01	0.04	ppb
Molybdenum	94-1	5.43	5.69	5.93	5.68	4.43	ppb
Molybdenum	95-1	3.01	3.09	3.07	3.06	1.46	ppb
Molybdenum	96-1	3.64	3.72	3.71	3.69	1.10	ppb
Molybdenum	97-1	3.02	3.31	3.35	3.22	5.58	ppb
Molybdenum	98-1	3.07	3.30	3.04	3.14	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.32	48.97	50.44	49.58	1.55	ppb
Phosphorus	31-2	2721.13	2835.77	2882.66	2813.19	2.95	ppb
Potassium	39-2	7381.44	7458.94	7463.10	7434.49	0.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				93		%
Selenium	82-1	1.31	1.77	2.02	1.70	21.25	ppb
Selenium	77-2	56.35	51.83	40.08	49.42	17.00	ppb
Selenium	78-2	6.23	8.15	10.24	8.21	24.44	ppb
Silicon	28-1	1410.39	1473.84	1387.36	1423.86	3.15	ppb
Silver	107-1	1.48	1.51	1.42	1.47	3.09	ppb
Silver	109-1	1.47	1.52	1.47	1.49	1.90	ppb
Sodium	23-2	441.94	435.71	442.16	439.94	0.83	ppb
Strontium	86-1	180.68	191.57	182.19	184.81	3.19	ppb
Strontium	88-1	183.28	186.59	184.69	184.85	0.90	ppb
Sulfur	34-1	-819.86	-682.39	-1021.10	-841.12		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.69	0.69	0.68	0.69	0.76	ppb
Thallium	205-1	0.70	0.75	0.69	0.72	4.42	ppb
Tin	118-1	4.87	4.85	4.78	4.83	0.98	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-13	Instrumnet Name :	P8
Client Sample ID :	MH1FB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:55:54	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	160.11	160.38	162.09	160.86	0.67	ppb
Uranium	238-1	2.71	2.84	2.83	2.79	2.51	ppb
Vanadium	51-2	78.45	80.17	78.60	79.07	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	409.31	418.96	418.06	415.44	1.28	ppb
Zirconium	90-1	1.81	1.75	1.67	1.74	4.08	ppb
Zirconium	91-1	1.49	1.71	1.71	1.64	7.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-14	Instrumnet Name :	P8
Client Sample ID :	MH1FB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:58:51	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9327.01	9124.18	9083.18	9178.12	1.42	ppb
Antimony	121-1	1.75	1.57	1.71	1.67	5.72	ppb
Arsenic	75-2	25.65	24.74	25.28	25.23	1.81	ppb
Barium	135-1	401.29	386.28	394.69	394.09	1.91	ppb
Barium	137-1	411.71	381.53	407.48	400.24	4.08	ppb
Beryllium	9-1	1.84	1.86	1.89	1.86	1.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	33.23	36.95	36.83	35.67	5.93	ppb
Boron	11-1	34.32	37.10	38.84	36.75	6.21	ppb
Bromine	81-1						cps
Cadmium	111-1	3.68	3.40	3.70	3.59	4.63	ppb
Cadmium	106-1	5.51	3.44	4.00	4.32	24.85	ppb
Cadmium	108-1	4.68	4.74	5.86	5.09	13.12	ppb
Calcium	43-1	361413.51	364185.59	360326.86	361975.32	0.55	ppb
Calcium	44-1	370021.34	355042.85	357465.64	360843.28	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.12	74.38	74.67	74.72	0.50	ppb
Cobalt	59-2	14.86	14.38	14.69	14.65	1.66	ppb
Copper	63-2	154.42	151.40	150.40	152.07	1.38	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				111		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	54-2	28429.45	27473.59	27576.16	27826.40	1.89	ppb
Iron	56-2	27218.87	26953.68	26804.49	26992.35	0.78	ppb
Iron	57-2	27097.69	26434.16	26609.28	26713.71	1.29	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-14	Instrumnet Name :	P8
Client Sample ID :	MH1FB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:58:51	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	273.32	271.77	292.10	279.06	4.06	ppb
Lead	207-1	260.43	266.33	280.97	269.24	3.93	ppb
Lead	208-1	279.05	278.85	293.24	283.71	2.91	ppb
Lithium	6-1				105		%
Magnesium	24-2	193797.86	194549.59	187462.26	191936.57	2.03	ppb
Manganese	55-2	3126.95	3145.16	3086.22	3119.44	0.97	ppb
Molybdenum	94-1	5.64	5.18	5.32	5.38	4.40	ppb
Molybdenum	95-1	2.71	2.59	2.73	2.68	2.76	ppb
Molybdenum	96-1	3.13	3.16	3.30	3.20	2.88	ppb
Molybdenum	97-1	2.58	2.64	2.81	2.68	4.50	ppb
Molybdenum	98-1	2.57	2.66	2.63	2.62	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.83	34.59	35.31	35.24	1.76	ppb
Phosphorus	31-2	3666.94	3546.97	3568.46	3594.12	1.78	ppb
Potassium	39-2	3637.70	3526.12	3568.98	3577.60	1.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				94		%
Selenium	82-1	1.67	1.49	2.23	1.79	21.44	ppb
Selenium	77-2	40.66	31.06	30.98	34.23	16.26	ppb
Selenium	78-2	5.82	5.85	3.89	5.19	21.61	ppb
Silicon	28-1	2335.00	2209.97	2301.34	2282.10	2.84	ppb
Silver	107-1	1.12	1.11	1.20	1.14	4.36	ppb
Silver	109-1	1.20	1.07	1.19	1.15	6.46	ppb
Sodium	23-2	536.67	535.42	533.01	535.03	0.35	ppb
Strontium	86-1	193.73	192.11	197.60	194.48	1.45	ppb
Strontium	88-1	197.93	193.12	199.94	197.00	1.78	ppb
Sulfur	34-1	172.16	147.01	130.37	149.85	14.04	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.30	0.30	0.28	9.60	ppb
Thallium	205-1	0.25	0.28	0.31	0.28	11.44	ppb
Tin	118-1	6.63	5.75	6.71	6.36	8.35	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-14	Instrumnet Name :	P8
Client Sample ID :	MH1FB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:58:51	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	176.03	172.53	177.81	175.46	1.53	ppb
Uranium	238-1	2.61	2.55	2.76	2.64	4.02	ppb
Vanadium	51-2	53.29	50.64	51.14	51.69	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	873.67	849.83	873.64	865.71	1.59	ppb
Zirconium	90-1	1.56	1.56	1.79	1.64	8.26	ppb
Zirconium	91-1	1.61	1.68	1.80	1.70	5.69	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-15	Instrumnet Name :	P8
Client Sample ID :	MH1FB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:01:46	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13288.95	15436.21	13957.74	14227.64	7.72	ppb
Antimony	121-1	2.18	2.08	2.21	2.16	3.17	ppb
Arsenic	75-2	30.46	35.50	32.71	32.89	7.68	ppb
Barium	135-1	487.17	503.69	496.32	495.73	1.67	ppb
Barium	137-1	493.90	499.79	499.28	497.66	0.66	ppb
Beryllium	9-1	2.02	2.16	2.13	2.10	3.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	30.80	32.29	33.73	32.27	4.54	ppb
Boron	11-1	30.07	32.51	34.24	32.27	6.50	ppb
Bromine	81-1						cps
Cadmium	111-1	6.82	7.24	7.03	7.03	2.99	ppb
Cadmium	106-1	7.62	8.62	7.15	7.80	9.61	ppb
Cadmium	108-1	7.57	6.44	7.14	7.05	8.15	ppb
Calcium	43-1	254076.33	265596.72	270339.49	263337.51	3.18	ppb
Calcium	44-1	260197.69	261321.16	278206.05	266574.97	3.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68.86	79.73	72.42	73.67	7.52	ppb
Cobalt	59-2	17.46	20.48	18.58	18.84	8.09	ppb
Copper	63-2	186.77	218.09	199.81	201.56	7.81	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				112		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	54-2	40042.42	48696.17	44065.22	44267.94	9.78	ppb
Iron	56-2	40794.33	48199.39	42093.43	43695.72	9.05	ppb
Iron	57-2	41211.51	48734.71	44350.37	44765.53	8.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-15	Instrumnet Name :	P8
Client Sample ID :	MH1FB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:01:46	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	473.00	499.41	492.00	488.14	2.79	ppb
Lead	207-1	472.18	447.27	469.89	463.12	2.97	ppb
Lead	208-1	479.68	477.63	485.02	480.78	0.79	ppb
Lithium	6-1				108		%
Magnesium	24-2	115772.20	136099.94	122317.74	124729.96	8.32	ppb
Manganese	55-2	2927.63	3370.10	3020.14	3105.96	7.51	ppb
Molybdenum	94-1	6.25	6.36	6.52	6.37	2.13	ppb
Molybdenum	95-1	3.66	3.64	3.85	3.72	3.11	ppb
Molybdenum	96-1	4.23	4.16	4.31	4.23	1.76	ppb
Molybdenum	97-1	3.53	3.65	3.87	3.68	4.80	ppb
Molybdenum	98-1	3.64	3.61	3.63	3.63	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.16	60.41	55.01	55.86	7.50	ppb
Phosphorus	31-2	3799.50	4326.10	4011.67	4045.76	6.55	ppb
Potassium	39-2	4489.85	5098.52	4589.48	4725.95	6.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				108		%
Scandium	45-2				89		%
Selenium	82-1	2.37	2.21	2.77	2.45	11.89	ppb
Selenium	77-2	51.87	42.27	39.66	44.60	14.42	ppb
Selenium	78-2	7.01	7.48	7.07	7.19	3.56	ppb
Silicon	28-1	1782.92	1919.81	1956.87	1886.53	4.86	ppb
Silver	107-1	1.94	1.90	1.94	1.93	1.27	ppb
Silver	109-1	1.96	1.98	1.97	1.97	0.73	ppb
Sodium	23-2	485.99	559.73	510.03	518.58	7.25	ppb
Strontium	86-1	239.46	241.68	253.56	244.90	3.10	ppb
Strontium	88-1	245.26	240.27	251.62	245.72	2.31	ppb
Sulfur	34-1	-197.05	414.67	786.75	334.79	148.37	ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	0.52	0.50	0.49	0.50	3.49	ppb
Thallium	205-1	0.48	0.52	0.52	0.51	4.73	ppb
Tin	118-1	9.76	9.85	9.72	9.77	0.67	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-15	Instrumnet Name :	P8
Client Sample ID :	MH1FB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:01:46	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	209.52	214.82	215.13	213.16	1.48	ppb
Uranium	238-1	3.29	3.33	3.35	3.32	0.88	ppb
Vanadium	51-2	68.36	78.94	71.30	72.87	7.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				99		%
Zinc	66-2	1233.97	1427.24	1307.80	1323.00	7.37	ppb
Zirconium	90-1	1.81	1.70	1.82	1.77	3.84	ppb
Zirconium	91-1	1.65	1.83	1.80	1.76	5.56	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-16	Instrumnet Name :	P8
Client Sample ID :	MH1FB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:04:42	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17756.96	17649.48	17757.71	17721.38	0.35	ppb
Antimony	121-1	2.76	2.87	2.77	2.80	2.14	ppb
Arsenic	75-2	42.05	43.52	41.06	42.21	2.93	ppb
Barium	135-1	497.53	511.38	504.17	504.36	1.37	ppb
Barium	137-1	501.27	525.76	503.66	510.23	2.65	ppb
Beryllium	9-1	2.16	2.18	2.29	2.21	3.00	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	22.08	21.84	24.11	22.68	5.50	ppb
Boron	11-1	22.07	23.19	23.90	23.05	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	10.13	10.34	10.07	10.18	1.42	ppb
Cadmium	106-1	11.09	10.14	9.66	10.30	7.09	ppb
Cadmium	108-1	10.42	9.24	8.78	9.48	8.91	ppb
Calcium	43-1	132590.90	128205.55	127837.32	129544.59	2.04	ppb
Calcium	44-1	127842.82	126997.79	128969.14	127936.58	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.21	35.22	36.02	35.81	1.47	ppb
Cobalt	59-2	21.21	21.03	20.94	21.06	0.66	ppb
Copper	63-2	244.38	246.34	241.96	244.23	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	55854.69	56477.82	56131.22	56154.58	0.56	ppb
Iron	56-2	56365.56	54737.94	55866.83	55656.78	1.50	ppb
Iron	57-2	56833.24	56917.30	57337.47	57029.33	0.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-16	Instrumnet Name :	P8
Client Sample ID :	MH1FB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:04:42	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	656.81	728.29	658.87	681.32	5.97	ppb
Lead	207-1	634.66	688.40	641.78	654.95	4.46	ppb
Lead	208-1	641.88	688.71	649.10	659.90	3.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	24877.91	24781.99	25238.91	24966.27	0.97	ppb
Manganese	55-2	1908.75	1946.34	1951.64	1935.58	1.21	ppb
Molybdenum	94-1	6.99	7.03	6.59	6.87	3.55	ppb
Molybdenum	95-1	4.13	4.00	3.98	4.04	1.94	ppb
Molybdenum	96-1	4.75	4.86	4.61	4.74	2.64	ppb
Molybdenum	97-1	4.10	4.15	4.01	4.09	1.80	ppb
Molybdenum	98-1	4.07	3.96	3.94	3.99	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.92	60.49	61.48	61.30	1.19	ppb
Phosphorus	31-2	3099.85	3045.14	3176.88	3107.29	2.13	ppb
Potassium	39-2	5035.71	5027.25	5103.13	5055.36	0.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				92		%
Selenium	82-1	2.38	2.96	2.10	2.48	17.64	ppb
Selenium	77-2	39.47	36.74	46.17	40.80	11.89	ppb
Selenium	78-2	6.77	8.38	5.62	6.92	19.98	ppb
Silicon	28-1	1518.18	1454.40	1428.76	1467.12	3.14	ppb
Silver	107-1	3.16	3.14	3.15	3.15	0.32	ppb
Silver	109-1	3.20	3.13	3.25	3.20	1.90	ppb
Sodium	23-2	366.07	359.01	358.93	361.33	1.13	ppb
Strontium	86-1	272.66	274.80	271.98	273.15	0.54	ppb
Strontium	88-1	265.69	267.09	272.22	268.33	1.28	ppb
Sulfur	34-1	-48.72	-305.50	-14.23	-122.82		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.71	0.72	0.74	0.72	2.49	ppb
Thallium	205-1	0.73	0.79	0.77	0.76	3.60	ppb
Tin	118-1	14.41	15.23	14.66	14.77	2.85	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-16	Instrumnet Name :	P8
Client Sample ID :	MH1FB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:04:42	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	217.88	216.82	212.15	215.61	1.41	ppb
Uranium	238-1	3.32	3.39	3.28	3.33	1.63	ppb
Vanadium	51-2	89.09	87.64	87.99	88.24	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	1577.51	1560.31	1568.61	1568.81	0.55	ppb
Zirconium	90-1	1.72	1.81	1.83	1.78	3.44	ppb
Zirconium	91-1	1.79	1.81	1.87	1.82	2.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-17	Instrumnet Name :	P8
Client Sample ID :	MH1FB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:07:35	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16424.56	15949.39	15838.66	16070.87	1.94	ppb
Antimony	121-1	2.18	2.32	2.27	2.26	3.05	ppb
Arsenic	75-2	38.06	37.05	35.19	36.76	3.96	ppb
Barium	135-1	469.47	486.31	451.05	468.94	3.76	ppb
Barium	137-1	498.38	510.69	465.57	491.55	4.75	ppb
Beryllium	9-1	1.89	1.94	1.73	1.85	5.85	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	18.45	19.64	17.17	18.42	6.71	ppb
Boron	11-1	19.07	19.23	17.80	18.70	4.21	ppb
Bromine	81-1						cps
Cadmium	111-1	9.41	9.70	8.89	9.33	4.37	ppb
Cadmium	106-1	6.96	7.28	10.18	8.14	21.82	ppb
Cadmium	108-1	8.49	8.40	8.36	8.42	0.76	ppb
Calcium	43-1	97075.80	96830.67	89014.40	94306.96	4.86	ppb
Calcium	44-1	95794.59	95327.34	87634.83	92918.92	4.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.77	24.74	25.38	25.29	2.05	ppb
Cobalt	59-2	19.07	18.09	18.18	18.45	2.95	ppb
Copper	63-2	171.01	167.21	164.93	167.72	1.83	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				107		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	54-2	50623.45	48846.38	48253.01	49240.95	2.51	ppb
Iron	56-2	51808.04	50828.21	49455.88	50697.38	2.33	ppb
Iron	57-2	52295.21	50042.92	50245.97	50861.37	2.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-17	Instrumnet Name :	P8
Client Sample ID :	MH1FB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:07:35	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	614.97	619.34	570.31	601.54	4.51	ppb
Lead	207-1	609.78	616.40	550.40	592.20	6.14	ppb
Lead	208-1	616.31	624.01	560.40	600.24	5.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	10811.44	10487.85	10450.45	10583.25	1.88	ppb
Manganese	55-2	1758.68	1744.11	1722.22	1741.67	1.05	ppb
Molybdenum	94-1	7.02	7.29	6.97	7.10	2.41	ppb
Molybdenum	95-1	4.59	4.82	4.26	4.56	6.16	ppb
Molybdenum	96-1	5.00	5.62	5.00	5.21	6.91	ppb
Molybdenum	97-1	4.67	4.82	4.50	4.66	3.41	ppb
Molybdenum	98-1	4.76	4.72	4.48	4.65	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.63	48.22	47.94	48.93	3.02	ppb
Phosphorus	31-2	2771.09	2751.07	2808.73	2776.97	1.05	ppb
Potassium	39-2	4744.71	4591.98	4602.37	4646.35	1.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	82-1	3.10	2.51	2.93	2.85	10.66	ppb
Selenium	77-2	34.94	40.29	44.39	39.87	11.88	ppb
Selenium	78-2	6.59	6.79	6.17	6.52	4.83	ppb
Silicon	28-1	1486.67	1500.11	1348.48	1445.09	5.81	ppb
Silver	107-1	2.78	2.91	2.68	2.79	4.15	ppb
Silver	109-1	2.75	2.97	2.71	2.81	5.02	ppb
Sodium	23-2	295.26	288.58	286.47	290.11	1.58	ppb
Strontium	86-1	239.78	254.39	232.91	242.36	4.53	ppb
Strontium	88-1	244.94	247.71	227.22	239.96	4.63	ppb
Sulfur	34-1	513.96	923.06	-337.51	366.50	175.47	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.80	0.77	0.73	0.77	5.12	ppb
Thallium	205-1	0.72	0.81	0.68	0.74	9.05	ppb
Tin	118-1	11.93	12.49	11.67	12.03	3.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-17	Instrumnet Name :	P8
Client Sample ID :	MH1FB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:07:35	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	228.94	237.32	211.28	225.84	5.89	ppb
Uranium	238-1	3.47	3.75	3.32	3.51	6.19	ppb
Vanadium	51-2	84.00	80.29	79.98	81.42	2.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	1050.26	1029.30	1027.96	1035.84	1.21	ppb
Zirconium	90-1	1.59	1.70	1.58	1.63	4.21	ppb
Zirconium	91-1	1.69	1.78	1.61	1.69	4.88	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-18	Instrumnet Name :	P8
Client Sample ID :	MH1FB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:10:31	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20482.73	20167.47	20317.54	20322.58	0.78	ppb
Antimony	121-1	2.04	1.90	1.99	1.98	3.60	ppb
Arsenic	75-2	21.94	21.57	21.29	21.60	1.50	ppb
Barium	135-1	570.19	547.89	549.64	555.91	2.23	ppb
Barium	137-1	600.53	554.89	570.97	575.46	4.02	ppb
Beryllium	9-1	2.59	2.56	2.65	2.60	1.70	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	34.01	35.24	36.81	35.35	3.96	ppb
Boron	11-1	35.58	36.02	36.68	36.09	1.54	ppb
Bromine	81-1						cps
Cadmium	111-1	8.99	8.61	8.77	8.79	2.13	ppb
Cadmium	106-1	9.35	4.94	9.32	7.87	32.24	ppb
Cadmium	108-1	9.33	8.33	8.85	8.84	5.69	ppb
Calcium	43-1	81669.91	82146.46	80352.17	81389.52	1.14	ppb
Calcium	44-1	81591.28	80325.36	78461.05	80125.90	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72.16	72.39	72.78	72.44	0.43	ppb
Cobalt	59-2	20.50	20.15	20.18	20.28	0.96	ppb
Copper	63-2	166.39	164.49	162.70	164.52	1.12	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				112		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	54-2	61448.78	60637.27	59935.61	60673.89	1.25	ppb
Iron	56-2	61237.15	60078.47	60497.64	60604.42	0.97	ppb
Iron	57-2	62505.41	60893.11	59855.69	61084.74	2.19	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-18	Instrumnet Name :	P8
Client Sample ID :	MH1FB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:10:31	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	845.48	810.27	780.26	812.00	4.02	ppb
Lead	207-1	800.89	775.21	758.43	778.18	2.75	ppb
Lead	208-1	807.88	776.65	754.71	779.75	3.43	ppb
Lithium	6-1				109		%
Magnesium	24-2	14064.08	13932.98	13921.53	13972.86	0.57	ppb
Manganese	55-2	2691.62	2680.85	2750.65	2707.71	1.39	ppb
Molybdenum	94-1	8.41	8.10	8.16	8.22	2.00	ppb
Molybdenum	95-1	3.76	3.92	3.67	3.78	3.34	ppb
Molybdenum	96-1	4.96	4.93	4.55	4.81	4.82	ppb
Molybdenum	97-1	4.18	3.79	3.78	3.92	5.83	ppb
Molybdenum	98-1	3.85	4.12	3.69	3.89	5.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.49	55.94	56.64	56.36	0.65	ppb
Phosphorus	31-2	5616.02	5723.38	5755.30	5698.24	1.28	ppb
Potassium	39-2	8676.44	8446.63	8429.95	8517.68	1.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				92		%
Selenium	82-1	2.59	2.99	2.53	2.70	9.29	ppb
Selenium	77-2	56.24	47.70	54.03	52.66	8.42	ppb
Selenium	78-2	12.50	9.80	9.21	10.50	16.69	ppb
Silicon	28-1	2083.78	2134.38	1879.38	2032.51	6.64	ppb
Silver	107-1	2.45	2.30	2.33	2.36	3.19	ppb
Silver	109-1	2.40	2.41	2.36	2.39	1.01	ppb
Sodium	23-2	390.16	373.15	378.41	380.57	2.29	ppb
Strontium	86-1	288.24	288.24	282.68	286.38	1.12	ppb
Strontium	88-1	299.28	284.99	277.74	287.34	3.81	ppb
Sulfur	34-1	672.22	404.66	-355.02	240.62	221.47	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.52	0.57	0.56	0.55	4.65	ppb
Thallium	205-1	0.60	0.57	0.59	0.59	2.26	ppb
Tin	118-1	18.33	17.07	17.20	17.53	3.97	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-18	Instrumnet Name :	P8
Client Sample ID :	MH1FB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:10:31	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	407.68	393.36	381.74	394.26	3.30	ppb
Uranium	238-1	3.66	3.45	3.49	3.53	3.06	ppb
Vanadium	51-2	78.39	76.02	77.66	77.35	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				103		%
Zinc	66-2	2259.81	2212.66	2265.83	2246.10	1.30	ppb
Zirconium	90-1	2.64	2.62	2.58	2.61	1.12	ppb
Zirconium	91-1	2.63	2.69	2.60	2.64	1.73	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-19	Instrumnet Name :	P8
Client Sample ID :	MH1FB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:13:24	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22680.29	22599.53	22581.07	22620.30	0.23	ppb
Antimony	121-1	2.38	2.32	2.59	2.43	5.86	ppb
Arsenic	75-2	31.07	30.46	30.09	30.54	1.62	ppb
Barium	135-1	614.74	616.51	647.31	626.19	2.93	ppb
Barium	137-1	621.37	638.36	663.66	641.13	3.32	ppb
Beryllium	9-1	2.90	2.84	2.79	2.84	1.89	ppb
Bismuth	209-1				116		%
Bismuth	209-2				101		%
Boron	10-1	35.48	36.37	39.15	37.00	5.17	ppb
Boron	11-1	36.70	37.07	38.00	37.26	1.80	ppb
Bromine	81-1						cps
Cadmium	111-1	12.78	12.23	12.98	12.67	3.06	ppb
Cadmium	106-1	11.25	8.79	12.06	10.70	15.91	ppb
Cadmium	108-1	11.48	11.28	12.34	11.70	4.80	ppb
Calcium	43-1	87773.34	87125.34	88912.65	87937.11	1.03	ppb
Calcium	44-1	84715.71	87115.73	88565.05	86798.83	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.67	62.03	62.18	61.96	0.43	ppb
Cobalt	59-2	25.54	25.81	25.28	25.55	1.04	ppb
Copper	63-2	274.86	273.80	273.58	274.08	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				93		%
Iron	54-2	70420.27	70530.61	70437.17	70462.68	0.08	ppb
Iron	56-2	72534.24	72792.64	71569.27	72298.72	0.89	ppb
Iron	57-2	72353.55	72004.67	71926.35	72094.86	0.32	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-19	Instrumnet Name :	P8
Client Sample ID :	MH1FB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:13:24	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	987.42	1044.54	996.76	1009.58	3.03	ppb
Lead	207-1	1005.14	1029.25	970.53	1001.64	2.95	ppb
Lead	208-1	1007.53	1038.00	996.66	1014.07	2.11	ppb
Lithium	6-1				106		%
Magnesium	24-2	13809.44	13831.90	13688.67	13776.67	0.56	ppb
Manganese	55-2	2952.82	2965.69	2894.95	2937.82	1.28	ppb
Molybdenum	94-1	7.84	8.30	8.73	8.29	5.34	ppb
Molybdenum	95-1	4.21	4.20	4.46	4.29	3.46	ppb
Molybdenum	96-1	5.21	5.14	5.18	5.18	0.71	ppb
Molybdenum	97-1	4.03	4.36	4.37	4.26	4.52	ppb
Molybdenum	98-1	4.01	4.06	4.51	4.19	6.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.46	89.64	88.39	89.16	0.76	ppb
Phosphorus	31-2	5518.49	5495.89	5335.96	5450.11	1.83	ppb
Potassium	39-2	8656.93	8824.90	8623.89	8701.91	1.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				91		%
Selenium	82-1	3.27	3.35	2.71	3.11	11.26	ppb
Selenium	77-2	47.52	50.18	46.18	47.96	4.24	ppb
Selenium	78-2	9.71	8.99	10.75	9.82	9.02	ppb
Silicon	28-1	1627.86	1645.56	1671.44	1648.29	1.33	ppb
Silver	107-1	3.75	3.65	4.00	3.80	4.79	ppb
Silver	109-1	3.69	3.86	4.11	3.89	5.46	ppb
Sodium	23-2	424.15	422.69	438.95	428.60	2.10	ppb
Strontium	86-1	309.30	318.98	336.59	321.62	4.30	ppb
Strontium	88-1	315.82	315.47	331.43	320.91	2.84	ppb
Sulfur	34-1	-250.19	-51.68	283.34	-6.18		ppb
Terbium	159-1				117		%
Terbium	159-2				103		%
Thallium	203-1	0.65	0.77	0.79	0.74	10.57	ppb
Thallium	205-1	0.78	0.75	0.76	0.76	1.99	ppb
Tin	118-1	23.42	22.26	24.72	23.47	5.25	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-19	Instrumnet Name :	P8
Client Sample ID :	MH1FB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:13:24	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	344.72	344.39	350.26	346.46	0.95	ppb
Uranium	238-1	3.89	4.10	3.95	3.98	2.74	ppb
Vanadium	51-2	89.73	89.66	89.77	89.72	0.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				101		%
Zinc	66-2	2984.77	3043.17	2999.81	3009.25	1.01	ppb
Zirconium	90-1	2.35	2.51	2.59	2.48	4.83	ppb
Zirconium	91-1	2.29	2.48	2.70	2.49	8.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-20	Instrumnet Name :	P8
Client Sample ID :	MH1FB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:16:19	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19352.95	20638.93	19191.93	19727.94	4.02	ppb
Antimony	121-1	2.69	2.62	2.61	2.64	1.79	ppb
Arsenic	75-2	29.68	32.03	29.85	30.52	4.30	ppb
Barium	135-1	650.76	663.56	645.40	653.24	1.43	ppb
Barium	137-1	671.65	683.03	656.00	670.22	2.02	ppb
Beryllium	9-1	2.52	2.54	2.42	2.49	2.48	ppb
Bismuth	209-1				115		%
Bismuth	209-2				100		%
Boron	10-1	38.27	35.77	39.98	38.01	5.57	ppb
Boron	11-1	36.15	36.34	38.64	37.04	3.75	ppb
Bromine	81-1						cps
Cadmium	111-1	14.80	14.18	14.47	14.48	2.13	ppb
Cadmium	106-1	14.02	12.28	10.35	12.21	14.99	ppb
Cadmium	108-1	14.41	13.04	14.29	13.92	5.45	ppb
Calcium	43-1	92961.23	94844.36	95927.58	94577.72	1.59	ppb
Calcium	44-1	91563.41	93864.03	95096.09	93507.84	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.66	45.69	42.02	43.46	4.52	ppb
Cobalt	59-2	22.10	24.01	21.96	22.69	5.05	ppb
Copper	63-2	299.68	314.25	295.40	303.11	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				99		%
Indium	115-1				109		%
Indium	115-2				91		%
Iron	54-2	57939.12	61433.84	57548.55	58973.84	3.63	ppb
Iron	56-2	57993.69	62040.66	58062.87	59365.74	3.90	ppb
Iron	57-2	57925.47	62642.76	58204.61	59590.95	4.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-20	Instrumnet Name :	P8
Client Sample ID :	MH1FB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:16:19	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1034.25	1035.55	1041.02	1036.94	0.35	ppb
Lead	207-1	1038.96	1001.39	1064.39	1034.91	3.06	ppb
Lead	208-1	1028.98	997.22	1055.50	1027.24	2.84	ppb
Lithium	6-1				106		%
Magnesium	24-2	10285.58	11079.46	10242.91	10535.98	4.47	ppb
Manganese	55-2	2604.82	2772.38	2582.92	2653.37	3.91	ppb
Molybdenum	94-1	7.09	7.53	7.28	7.30	3.02	ppb
Molybdenum	95-1	3.66	3.56	3.57	3.60	1.60	ppb
Molybdenum	96-1	4.35	4.32	4.23	4.30	1.42	ppb
Molybdenum	97-1	3.68	3.62	3.50	3.60	2.51	ppb
Molybdenum	98-1	3.44	3.55	3.44	3.48	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.35	69.71	64.94	67.00	3.66	ppb
Phosphorus	31-2	4539.60	4735.57	4163.42	4479.53	6.49	ppb
Potassium	39-2	6407.51	6871.68	6408.80	6562.66	4.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				90		%
Selenium	82-1	2.71	3.05	2.69	2.82	7.31	ppb
Selenium	77-2	54.99	45.64	40.89	47.17	15.21	ppb
Selenium	78-2	7.39	7.19	8.95	7.85	12.25	ppb
Silicon	28-1	1358.98	1396.31	1417.49	1390.93	2.13	ppb
Silver	107-1	5.10	5.10	5.07	5.09	0.36	ppb
Silver	109-1	5.15	5.23	5.05	5.15	1.78	ppb
Sodium	23-2	438.88	469.87	442.56	450.44	3.76	ppb
Strontium	86-1	355.47	352.95	371.70	360.04	2.83	ppb
Strontium	88-1	355.35	356.44	367.53	359.77	1.87	ppb
Sulfur	34-1	-180.66	-442.14	219.20	-134.53		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.79	0.84	0.85	0.83	3.84	ppb
Thallium	205-1	0.76	0.80	0.88	0.81	7.61	ppb
Tin	118-1	30.77	29.78	29.82	30.12	1.87	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-20	Instrumnet Name :	P8
Client Sample ID :	MH1FB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:16:19	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	247.37	248.48	252.25	249.37	1.03	ppb
Uranium	238-1	4.30	4.19	4.31	4.27	1.59	ppb
Vanadium	51-2	78.28	84.07	79.70	80.68	3.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				98		%
Zinc	66-2	2712.81	2977.23	2756.25	2815.43	5.04	ppb
Zirconium	90-1	2.29	2.16	2.29	2.25	3.39	ppb
Zirconium	91-1	2.23	2.28	2.29	2.27	1.40	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-21 Instrumnet Name : P8
 Client Sample ID : MH1FB8 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 16:19:11 DataFile Name : 102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17850.19	17700.37	17653.09	17734.55	0.58	ppb
Antimony	121-1	1.93	1.94	1.92	1.93	0.29	ppb
Arsenic	75-2	24.57	25.67	25.52	25.25	2.36	ppb
Barium	135-1	486.73	490.69	473.83	483.75	1.82	ppb
Barium	137-1	492.81	504.15	478.16	491.71	2.65	ppb
Beryllium	9-1	2.08	2.18	2.11	2.12	2.42	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	29.76	30.88	29.94	30.19	1.99	ppb
Boron	11-1	29.10	33.04	30.45	30.86	6.47	ppb
Bromine	81-1						cps
Cadmium	111-1	9.39	9.07	9.22	9.23	1.72	ppb
Cadmium	106-1	7.90	7.42	7.49	7.61	3.42	ppb
Cadmium	108-1	8.03	9.46	8.44	8.64	8.53	ppb
Calcium	43-1	79317.25	85280.92	79403.46	81333.88	4.20	ppb
Calcium	44-1	79480.06	84709.19	79244.01	81144.42	3.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.59	25.41	25.21	25.40	0.76	ppb
Cobalt	59-2	19.39	18.92	18.67	18.99	1.92	ppb
Copper	63-2	194.44	190.66	195.75	193.62	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	54-2	45124.39	44519.54	43377.74	44340.56	2.00	ppb
Iron	56-2	44374.44	44121.59	44129.24	44208.42	0.33	ppb
Iron	57-2	46180.08	43348.65	44419.64	44649.46	3.20	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-21	Instrumnet Name :	P8
Client Sample ID :	MH1FB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:19:11	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	574.48	577.38	564.29	572.05	1.20	ppb
Lead	207-1	549.35	572.48	550.72	557.52	2.33	ppb
Lead	208-1	558.76	584.39	553.88	565.68	2.90	ppb
Lithium	6-1				103		%
Magnesium	24-2	9723.70	9505.17	9854.02	9694.30	1.82	ppb
Manganese	55-2	1647.13	1672.01	1653.07	1657.40	0.78	ppb
Molybdenum	94-1	5.76	5.87	5.91	5.84	1.34	ppb
Molybdenum	95-1	3.50	3.60	3.06	3.39	8.55	ppb
Molybdenum	96-1	3.82	4.14	3.90	3.96	4.24	ppb
Molybdenum	97-1	3.26	3.61	3.22	3.36	6.38	ppb
Molybdenum	98-1	3.37	3.38	3.40	3.38	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.66	52.36	51.79	52.61	1.82	ppb
Phosphorus	31-2	3424.88	3395.58	3422.12	3414.19	0.47	ppb
Potassium	39-2	5381.63	5347.11	5279.90	5336.21	0.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	82-1	2.34	2.54	3.29	2.72	18.28	ppb
Selenium	77-2	36.50	49.57	36.49	40.85	18.47	ppb
Selenium	78-2	8.26	6.98	9.66	8.30	16.12	ppb
Silicon	28-1	1293.77	1460.15	1334.27	1362.73	6.37	ppb
Silver	107-1	3.00	3.12	3.02	3.05	2.07	ppb
Silver	109-1	3.15	3.07	3.06	3.09	1.69	ppb
Sodium	23-2	457.97	445.55	454.76	452.76	1.42	ppb
Strontium	86-1	274.45	292.26	267.26	277.99	4.63	ppb
Strontium	88-1	270.02	290.21	271.02	277.08	4.11	ppb
Sulfur	34-1	-567.61	858.60	-229.58	20.47	3641.42	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.75	0.86	0.69	0.77	11.33	ppb
Thallium	205-1	0.72	0.86	0.70	0.76	11.65	ppb
Tin	118-1	15.81	16.08	15.80	15.90	0.99	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-21	Instrumnet Name :	P8
Client Sample ID :	MH1FB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:19:11	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	186.89	208.26	193.14	196.09	5.60	ppb
Uranium	238-1	3.56	3.81	3.47	3.61	4.89	ppb
Vanadium	51-2	74.30	72.96	73.71	73.66	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	1171.47	1151.37	1170.10	1164.31	0.96	ppb
Zirconium	90-1	1.59	1.73	1.58	1.63	5.13	ppb
Zirconium	91-1	1.49	1.78	1.50	1.59	10.31	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-22	Instrumnet Name :	P8
Client Sample ID :	MH1FB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:22:07	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8376.99	8306.04	8215.16	8299.40	0.98	ppb
Antimony	121-1	1.10	1.11	1.21	1.14	5.39	ppb
Arsenic	75-2	12.24	13.19	12.99	12.81	3.93	ppb
Barium	135-1	690.96	693.86	734.27	706.36	3.43	ppb
Barium	137-1	708.82	737.68	764.83	737.11	3.80	ppb
Beryllium	9-1	1.58	1.63	1.72	1.64	4.49	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	38.44	39.69	44.85	40.99	8.28	ppb
Boron	11-1	38.82	41.06	42.63	40.84	4.68	ppb
Bromine	81-1						cps
Cadmium	111-1	3.48	3.45	3.62	3.52	2.57	ppb
Cadmium	106-1	4.41	5.95	4.09	4.82	20.67	ppb
Cadmium	108-1	6.00	6.64	5.79	6.14	7.16	ppb
Calcium	43-1	365899.65	365964.12	367129.31	366331.03	0.19	ppb
Calcium	44-1	367033.14	373531.26	372233.42	370932.60	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.66	47.80	47.51	47.99	1.25	ppb
Cobalt	59-2	14.01	13.68	14.16	13.95	1.77	ppb
Copper	63-2	110.16	109.24	107.65	109.02	1.17	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				111		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				94		%
Iron	54-2	27466.81	26622.18	26654.71	26914.57	1.78	ppb
Iron	56-2	27019.01	25761.45	26762.22	26514.23	2.51	ppb
Iron	57-2	26721.01	25429.90	25536.00	25895.64	2.77	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-22	Instrumnet Name :	P8
Client Sample ID :	MH1FB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:22:07	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	291.29	286.50	302.62	293.47	2.82	ppb
Lead	207-1	280.68	279.80	297.09	285.86	3.41	ppb
Lead	208-1	294.60	293.86	306.69	298.39	2.41	ppb
Lithium	6-1				107		%
Magnesium	24-2	199337.01	193118.68	192139.18	194864.96	2.00	ppb
Manganese	55-2	2431.72	2314.66	2382.67	2376.35	2.47	ppb
Molybdenum	94-1	3.63	3.67	3.74	3.68	1.59	ppb
Molybdenum	95-1	2.08	2.11	2.04	2.07	1.73	ppb
Molybdenum	96-1	2.22	2.89	2.45	2.52	13.45	ppb
Molybdenum	97-1	1.97	2.03	2.19	2.06	5.44	ppb
Molybdenum	98-1	1.99	1.99	2.21	2.06	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.50	34.65	34.65	35.27	3.03	ppb
Phosphorus	31-2	2724.60	3002.93	2960.00	2895.84	5.17	ppb
Potassium	39-2	3581.62	3639.40	3626.26	3615.76	0.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				92		%
Selenium	82-1	1.98	1.87	3.10	2.32	29.38	ppb
Selenium	77-2	30.27	16.88	35.40	27.52	34.74	ppb
Selenium	78-2	3.14	4.51	4.11	3.92	17.91	ppb
Silicon	28-1	1522.26	1503.97	1532.90	1519.71	0.96	ppb
Silver	107-1	1.14	1.12	1.21	1.16	4.30	ppb
Silver	109-1	1.17	1.20	1.24	1.20	2.64	ppb
Sodium	23-2	487.39	474.57	488.52	483.49	1.60	ppb
Strontium	86-1	198.84	204.40	211.71	204.98	3.15	ppb
Strontium	88-1	204.91	204.97	212.09	207.32	1.99	ppb
Sulfur	34-1	883.04	927.67	910.65	907.12	2.48	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.25	0.20	0.20	0.22	14.92	ppb
Thallium	205-1	0.23	0.26	0.25	0.25	6.79	ppb
Tin	118-1	5.46	5.51	5.55	5.51	0.77	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-22	Instrumnet Name :	P8
Client Sample ID :	MH1FB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:22:07	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	143.51	152.85	142.42	146.26	3.92	ppb
Uranium	238-1	2.02	1.94	2.13	2.03	4.80	ppb
Vanadium	51-2	54.76	53.14	53.55	53.82	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	842.34	816.67	818.46	825.83	1.74	ppb
Zirconium	90-1	1.00	0.99	1.55	1.18	26.76	ppb
Zirconium	91-1	1.05	1.02	0.99	1.02	3.41	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-01	Instrumnet Name :	P8
Client Sample ID :	MH1FC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:34:06	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15512.55	15745.42	15185.65	15481.21	1.82	ppb
Antimony	121-1	2.31	2.32	2.39	2.34	2.02	ppb
Arsenic	75-2	36.97	36.40	36.99	36.78	0.90	ppb
Barium	135-1	511.96	504.96	513.58	510.17	0.90	ppb
Barium	137-1	529.93	522.85	517.78	523.52	1.17	ppb
Beryllium	9-1	2.19	2.16	2.41	2.25	6.09	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	21.80	22.56	27.12	23.82	12.08	ppb
Boron	11-1	22.36	24.79	27.96	25.04	11.22	ppb
Bromine	81-1						cps
Cadmium	111-1	12.95	12.61	12.66	12.74	1.43	ppb
Cadmium	106-1	13.54	11.28	11.79	12.20	9.75	ppb
Cadmium	108-1	12.13	11.72	12.06	11.97	1.85	ppb
Calcium	43-1	141751.92	128523.45	149517.92	139931.10	7.59	ppb
Calcium	44-1	141485.40	130997.05	147261.54	139914.66	5.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.93	39.72	38.54	39.06	1.54	ppb
Cobalt	59-2	20.78	21.26	20.88	20.97	1.19	ppb
Copper	63-2	277.56	280.12	277.66	278.45	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	54-2	51254.46	53324.64	53159.78	52579.63	2.19	ppb
Iron	56-2	52916.97	53212.81	51729.89	52619.89	1.49	ppb
Iron	57-2	53736.89	53818.54	53927.18	53827.54	0.18	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-01	Instrumnet Name :	P8
Client Sample ID :	MH1FC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:34:06	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1014.35	1116.93	1151.09	1094.13	6.50	ppb
Lead	207-1	1023.50	1100.95	1152.10	1092.18	5.93	ppb
Lead	208-1	1029.18	1077.65	1149.43	1085.42	5.57	ppb
Lithium	6-1				107		%
Magnesium	24-2	57735.56	57503.57	56311.65	57183.59	1.34	ppb
Manganese	55-2	2669.76	2801.67	2678.73	2716.72	2.71	ppb
Molybdenum	94-1	5.66	5.67	5.86	5.73	1.96	ppb
Molybdenum	95-1	3.22	3.10	3.35	3.22	3.74	ppb
Molybdenum	96-1	3.93	3.83	3.95	3.91	1.60	ppb
Molybdenum	97-1	3.17	3.11	3.41	3.23	4.94	ppb
Molybdenum	98-1	3.11	3.11	3.16	3.13	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.06	65.49	63.62	64.73	1.51	ppb
Phosphorus	31-2	3391.85	3356.04	3467.36	3405.09	1.67	ppb
Potassium	39-2	5758.47	5839.93	5591.37	5729.92	2.21	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				94		%
Selenium	82-1	2.87	2.52	3.42	2.94	15.51	ppb
Selenium	77-2	48.13	40.85	42.66	43.88	8.64	ppb
Selenium	78-2	5.49	6.62	6.26	6.12	9.43	ppb
Silicon	28-1	1923.84	1813.86	2011.34	1916.35	5.16	ppb
Silver	107-1	3.89	3.97	4.14	4.00	3.21	ppb
Silver	109-1	4.04	3.99	3.98	4.00	0.80	ppb
Sodium	23-2	350.42	347.02	341.51	346.32	1.30	ppb
Strontium	86-1	221.02	215.48	233.41	223.31	4.11	ppb
Strontium	88-1	224.59	216.44	230.36	223.80	3.13	ppb
Sulfur	34-1	-82.07	-578.25	363.46	-98.95		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.70	0.65	0.85	0.73	14.39	ppb
Thallium	205-1	0.69	0.80	0.81	0.77	8.68	ppb
Tin	118-1	13.26	12.92	13.69	13.29	2.89	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-01	Instrumnet Name :	P8
Client Sample ID :	MH1FC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:34:06	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	203.21	207.20	218.78	209.73	3.86	ppb
Uranium	238-1	2.47	2.62	2.77	2.62	5.78	ppb
Vanadium	51-2	73.96	75.41	72.63	74.00	1.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	2135.49	2158.66	2127.21	2140.45	0.76	ppb
Zirconium	90-1	1.69	1.68	1.77	1.71	2.91	ppb
Zirconium	91-1	1.63	1.79	1.88	1.77	7.08	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-02	Instrumnet Name :	P8
Client Sample ID :	MH1FC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:36:59	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16054.13	15953.25	15972.84	15993.41	0.33	ppb
Antimony	121-1	2.00	2.05	1.84	1.96	5.56	ppb
Arsenic	75-2	34.11	34.84	34.31	34.42	1.10	ppb
Barium	135-1	389.52	383.21	379.58	384.10	1.31	ppb
Barium	137-1	389.96	396.40	384.45	390.27	1.53	ppb
Beryllium	9-1	1.78	1.61	1.85	1.75	6.95	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	15.99	14.35	17.04	15.79	8.61	ppb
Boron	11-1	14.88	14.84	16.71	15.48	6.91	ppb
Bromine	81-1						cps
Cadmium	111-1	8.74	8.92	8.41	8.69	2.93	ppb
Cadmium	106-1	8.41	6.56	6.94	7.30	13.42	ppb
Cadmium	108-1	8.09	6.77	7.08	7.31	9.44	ppb
Calcium	43-1	33701.36	33863.92	35364.74	34310.01	2.67	ppb
Calcium	44-1	35101.19	35035.80	34920.50	35019.16	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.13	22.88	22.35	22.45	1.71	ppb
Cobalt	59-2	17.87	18.17	18.45	18.16	1.59	ppb
Copper	63-2	165.81	167.40	169.28	167.50	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				111		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	54-2	43243.63	43459.78	42884.11	43195.84	0.67	ppb
Iron	56-2	42782.87	42308.46	43424.22	42838.51	1.31	ppb
Iron	57-2	42268.66	42103.84	42673.10	42348.53	0.69	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-02	Instrumnet Name :	P8
Client Sample ID :	MH1FC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:36:59	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	523.55	526.15	555.33	535.01	3.30	ppb
Lead	207-1	514.99	518.72	563.21	532.31	5.04	ppb
Lead	208-1	528.13	526.10	560.29	538.18	3.56	ppb
Lithium	6-1				108		%
Magnesium	24-2	9493.65	9750.51	9769.54	9671.23	1.59	ppb
Manganese	55-2	1665.32	1638.35	1694.71	1666.12	1.69	ppb
Molybdenum	94-1	5.66	5.54	5.64	5.61	1.16	ppb
Molybdenum	95-1	2.81	2.78	2.90	2.83	2.13	ppb
Molybdenum	96-1	3.33	3.41	3.52	3.42	2.75	ppb
Molybdenum	97-1	2.95	2.87	2.89	2.90	1.50	ppb
Molybdenum	98-1	2.89	2.78	2.94	2.87	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.06	46.88	44.91	45.95	2.16	ppb
Phosphorus	31-2	2649.96	2407.67	2659.77	2572.47	5.55	ppb
Potassium	39-2	5795.75	5788.23	5851.99	5811.99	0.60	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				93		%
Selenium	82-1	2.32	2.67	2.22	2.40	9.97	ppb
Selenium	77-2	46.31	54.34	38.87	46.51	16.63	ppb
Selenium	78-2	6.68	6.88	7.27	6.94	4.30	ppb
Silicon	28-1	1573.99	1605.09	1669.25	1616.11	3.01	ppb
Silver	107-1	2.52	2.47	2.54	2.51	1.51	ppb
Silver	109-1	2.61	2.50	2.49	2.53	2.77	ppb
Sodium	23-2	246.55	255.79	255.75	252.70	2.11	ppb
Strontium	86-1	148.44	153.63	154.48	152.18	2.15	ppb
Strontium	88-1	158.91	154.39	152.58	155.29	2.10	ppb
Sulfur	34-1	-1176.66	-1184.40	-491.92	-950.99		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.66	0.74	0.71	0.70	6.03	ppb
Thallium	205-1	0.73	0.72	0.82	0.76	7.88	ppb
Tin	118-1	6.25	6.13	6.23	6.20	1.02	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-02	Instrumnet Name :	P8
Client Sample ID :	MH1FC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:36:59	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	174.51	177.05	186.25	179.27	3.45	ppb
Uranium	238-1	2.15	2.13	2.36	2.21	5.79	ppb
Vanadium	51-2	67.22	67.83	68.47	67.84	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				103		%
Zinc	66-2	873.91	878.63	898.71	883.75	1.49	ppb
Zirconium	90-1	1.68	1.68	1.71	1.69	0.99	ppb
Zirconium	91-1	1.63	1.70	1.73	1.69	3.07	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-03	Instrumnet Name :	P8
Client Sample ID :	MH1FC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:39:56	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16497.91	16839.24	16378.02	16571.72	1.44	ppb
Antimony	121-1	1.56	1.69	1.53	1.60	5.40	ppb
Arsenic	75-2	29.55	30.12	28.57	29.42	2.66	ppb
Barium	135-1	423.53	455.00	407.76	428.76	5.61	ppb
Barium	137-1	426.13	477.18	415.13	439.48	7.53	ppb
Beryllium	9-1	1.56	1.72	1.56	1.61	5.59	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	11.04	12.89	12.73	12.22	8.38	ppb
Boron	11-1	11.98	13.16	12.45	12.53	4.75	ppb
Bromine	81-1						cps
Cadmium	111-1	4.73	5.20	4.71	4.88	5.58	ppb
Cadmium	106-1	4.89	5.85	2.41	4.38	40.45	ppb
Cadmium	108-1	3.34	5.01	4.26	4.21	19.91	ppb
Calcium	43-1	44618.26	46951.94	43710.57	45093.59	3.71	ppb
Calcium	44-1	43808.67	47399.74	44858.46	45355.63	4.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.83	22.55	21.89	22.42	2.14	ppb
Cobalt	59-2	17.69	17.28	17.05	17.34	1.87	ppb
Copper	63-2	84.63	83.82	83.22	83.89	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	54-2	40043.64	40262.63	38588.90	39631.72	2.30	ppb
Iron	56-2	39298.16	39050.01	39184.63	39177.60	0.32	ppb
Iron	57-2	41644.27	40426.74	39571.07	40547.36	2.57	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-03	Instrumnet Name :	P8
Client Sample ID :	MH1FC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:39:56	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	269.05	273.29	255.74	266.02	3.44	ppb
Lead	207-1	259.78	268.45	248.45	258.89	3.87	ppb
Lead	208-1	272.39	279.52	261.03	270.98	3.44	ppb
Lithium	6-1				105		%
Magnesium	24-2	10844.03	10758.29	10479.95	10694.09	1.78	ppb
Manganese	55-2	1231.73	1228.74	1190.01	1216.83	1.91	ppb
Molybdenum	94-1	5.80	6.17	5.59	5.85	5.02	ppb
Molybdenum	95-1	3.31	3.25	3.31	3.29	1.07	ppb
Molybdenum	96-1	3.71	3.85	3.56	3.71	3.85	ppb
Molybdenum	97-1	3.25	3.53	3.43	3.41	4.24	ppb
Molybdenum	98-1	3.16	3.49	3.23	3.30	5.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.58	52.45	51.36	51.80	1.12	ppb
Phosphorus	31-2	2604.27	2452.56	2492.22	2516.35	3.13	ppb
Potassium	39-2	5443.95	5586.34	5345.80	5458.70	2.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	82-1	3.09	2.58	2.19	2.62	17.19	ppb
Selenium	77-2	33.14	31.51	46.85	37.17	22.66	ppb
Selenium	78-2	7.47	7.86	7.85	7.73	2.86	ppb
Silicon	28-1	1707.37	1818.21	1629.29	1718.29	5.52	ppb
Silver	107-1	1.33	1.40	1.39	1.37	2.63	ppb
Silver	109-1	1.41	1.47	1.35	1.41	4.16	ppb
Sodium	23-2	316.92	320.20	303.68	313.60	2.79	ppb
Strontium	86-1	161.91	166.40	160.69	163.00	1.84	ppb
Strontium	88-1	159.54	168.83	164.74	164.37	2.83	ppb
Sulfur	34-1	-681.31	-123.53	-994.42	-599.75		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.65	0.64	0.61	0.63	2.97	ppb
Thallium	205-1	0.61	0.67	0.65	0.65	5.01	ppb
Tin	118-1	3.39	3.97	3.44	3.60	8.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-03	Instrumnet Name :	P8
Client Sample ID :	MH1FC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:39:56	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	164.46	173.61	157.15	165.07	5.00	ppb
Uranium	238-1	2.56	2.75	2.46	2.59	5.84	ppb
Vanadium	51-2	72.52	72.69	71.03	72.08	1.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	328.17	333.58	324.55	328.77	1.38	ppb
Zirconium	90-1	1.50	1.64	1.62	1.59	4.73	ppb
Zirconium	91-1	1.55	1.61	1.61	1.59	2.29	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-04	Instrumnet Name :	P8
Client Sample ID :	MH1FC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:45:49	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18508.01	18251.94	18497.02	18418.99	0.79	ppb
Antimony	121-1	2.35	2.25	2.74	2.45	10.56	ppb
Arsenic	75-2	27.94	27.79	27.88	27.87	0.25	ppb
Barium	135-1	512.57	509.24	609.29	543.70	10.45	ppb
Barium	137-1	529.60	522.16	626.89	559.55	10.44	ppb
Beryllium	9-1	2.23	2.29	2.77	2.43	12.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	33.18	36.13	42.97	37.43	13.42	ppb
Boron	11-1	32.61	35.84	43.95	37.47	15.59	ppb
Bromine	81-1						cps
Cadmium	111-1	12.21	11.59	13.56	12.45	8.10	ppb
Cadmium	106-1	13.16	10.58	12.88	12.21	11.58	ppb
Cadmium	108-1	11.21	10.60	12.59	11.46	8.90	ppb
Calcium	43-1	125453.54	123150.48	146586.10	131730.04	9.81	ppb
Calcium	44-1	126404.34	121689.86	145313.69	131135.97	9.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.71	61.26	62.25	61.74	0.80	ppb
Cobalt	59-2	22.10	21.95	22.07	22.04	0.36	ppb
Copper	63-2	231.52	231.58	231.19	231.43	0.09	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				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	59146.18	59249.25	59077.54	59157.66	0.15	ppb
Iron	56-2	59255.53	58177.97	59578.44	59003.98	1.24	ppb
Iron	57-2	61096.69	60106.79	60036.97	60413.48	0.98	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-04	Instrumnet Name :	P8
Client Sample ID :	MH1FC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:45:49	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1061.30	1049.39	1231.11	1113.93	9.13	ppb
Lead	207-1	1035.04	1019.94	1232.23	1095.73	10.81	ppb
Lead	208-1	1045.03	1025.65	1231.52	1100.74	10.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	38350.70	36962.33	39283.93	38198.99	3.06	ppb
Manganese	55-2	2730.16	2606.17	2746.69	2694.34	2.85	ppb
Molybdenum	94-1	6.66	6.05	7.54	6.75	11.06	ppb
Molybdenum	95-1	3.49	3.50	4.41	3.80	13.92	ppb
Molybdenum	96-1	4.49	4.41	5.53	4.81	12.95	ppb
Molybdenum	97-1	3.68	3.75	4.60	4.01	12.78	ppb
Molybdenum	98-1	3.86	3.40	4.05	3.77	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.31	58.68	59.70	59.23	0.88	ppb
Phosphorus	31-2	4302.12	4267.66	4478.79	4349.53	2.60	ppb
Potassium	39-2	7738.55	7597.77	7811.05	7715.79	1.41	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	82-1	2.44	3.43	4.20	3.36	26.28	ppb
Selenium	77-2	38.83	40.38	43.74	40.98	6.12	ppb
Selenium	78-2	6.22	6.12	6.00	6.11	1.77	ppb
Silicon	28-1	1796.82	1731.32	2156.37	1894.84	12.08	ppb
Silver	107-1	3.54	3.66	4.24	3.81	9.91	ppb
Silver	109-1	3.67	3.82	4.44	3.98	10.34	ppb
Sodium	23-2	460.16	452.82	463.84	458.94	1.22	ppb
Strontium	86-1	292.44	285.13	342.98	306.85	10.27	ppb
Strontium	88-1	300.78	284.80	341.80	309.13	9.51	ppb
Sulfur	34-1	213.00	-258.67	2593.46	849.26	180.02	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.64	0.66	0.77	0.69	10.04	ppb
Thallium	205-1	0.71	0.71	0.78	0.74	5.65	ppb
Tin	118-1	15.96	16.35	19.42	17.24	10.99	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-04	Instrumnet Name :	P8
Client Sample ID :	MH1FC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:45:49	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	231.56	219.17	275.34	242.02	12.19	ppb
Uranium	238-1	3.40	3.57	4.15	3.71	10.62	ppb
Vanadium	51-2	84.45	84.01	83.51	83.99	0.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	2357.68	2357.08	2394.84	2369.87	0.91	ppb
Zirconium	90-1	1.81	1.80	2.15	1.92	10.47	ppb
Zirconium	91-1	1.83	1.77	2.08	1.90	8.60	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-05	Instrumnet Name :	P8
Client Sample ID :	MH1FC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:48:42	DataFile Name :	112AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21069.20	21130.05	20788.82	20996.02	0.87	ppb
Antimony	121-1	2.44	2.26	3.08	2.59	16.46	ppb
Arsenic	75-2	34.30	33.87	33.72	33.96	0.88	ppb
Barium	135-1	557.62	555.21	696.78	603.21	13.44	ppb
Barium	137-1	618.52	553.21	698.10	623.28	11.64	ppb
Beryllium	9-1	2.59	2.57	3.23	2.80	13.45	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	31.37	30.68	41.00	34.35	16.79	ppb
Boron	11-1	30.46	32.21	41.63	34.77	17.28	ppb
Bromine	81-1						cps
Cadmium	111-1	15.23	14.05	18.57	15.95	14.70	ppb
Cadmium	106-1	15.27	9.26	15.75	13.43	26.91	ppb
Cadmium	108-1	13.16	14.01	17.42	14.86	15.15	ppb
Calcium	43-1	78909.43	80265.37	100521.41	86565.40	13.98	ppb
Calcium	44-1	79467.77	79037.73	101753.52	86753.01	14.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.21	47.36	46.79	47.12	0.62	ppb
Cobalt	59-2	24.95	25.13	24.75	24.94	0.78	ppb
Copper	63-2	287.50	286.73	285.81	286.68	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	61195.53	60099.80	58497.88	59931.07	2.26	ppb
Iron	56-2	60623.25	58496.85	60692.37	59937.49	2.08	ppb
Iron	57-2	60627.16	60151.83	60881.31	60553.43	0.61	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-05	Instrumnet Name :	P8
Client Sample ID :	MH1FC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:48:42	DataFile Name :	112AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1150.37	1089.43	1360.52	1200.11	11.85	ppb
Lead	207-1	1146.37	1083.91	1336.34	1188.87	11.06	ppb
Lead	208-1	1114.80	1082.00	1366.69	1187.83	13.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	16336.78	16695.56	16406.26	16479.54	1.15	ppb
Manganese	55-2	2797.64	2747.07	2759.21	2767.97	0.95	ppb
Molybdenum	94-1	7.20	7.23	9.61	8.01	17.22	ppb
Molybdenum	95-1	3.47	3.54	4.42	3.81	13.86	ppb
Molybdenum	96-1	4.31	4.48	5.51	4.77	13.70	ppb
Molybdenum	97-1	3.39	3.59	4.59	3.86	16.70	ppb
Molybdenum	98-1	3.38	3.51	4.52	3.81	16.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.55	67.95	66.64	67.05	1.17	ppb
Phosphorus	31-2	4077.09	4063.75	4048.76	4063.20	0.35	ppb
Potassium	39-2	7509.83	7495.79	7518.13	7507.92	0.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	82-1	2.18	2.90	2.64	2.57	14.09	ppb
Selenium	77-2	51.47	45.11	47.41	47.99	6.71	ppb
Selenium	78-2	6.56	7.38	5.65	6.53	13.28	ppb
Silicon	28-1	1795.84	1780.23	2339.98	1972.02	16.16	ppb
Silver	107-1	4.65	4.64	5.59	4.96	10.92	ppb
Silver	109-1	4.81	4.69	6.25	5.25	16.53	ppb
Sodium	23-2	476.37	473.54	471.61	473.84	0.51	ppb
Strontium	86-1	276.93	278.58	349.67	301.73	13.76	ppb
Strontium	88-1	273.54	280.65	351.15	301.78	14.22	ppb
Sulfur	34-1	-219.37	-515.39	2744.71	669.98	269.09	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.90	0.82	1.06	0.93	13.13	ppb
Thallium	205-1	0.92	0.82	1.13	0.96	16.07	ppb
Tin	118-1	16.46	16.06	19.84	17.45	11.89	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-05	Instrumnet Name :	P8
Client Sample ID :	MH1FC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:48:42	DataFile Name :	112AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	234.01	235.70	301.37	257.03	14.94	ppb
Uranium	238-1	3.62	3.52	4.42	3.85	12.86	ppb
Vanadium	51-2	86.83	87.29	86.46	86.86	0.48	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	2406.04	2375.93	2377.24	2386.40	0.71	ppb
Zirconium	90-1	2.23	2.33	2.89	2.49	14.33	ppb
Zirconium	91-1	2.35	2.31	2.82	2.49	11.38	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-06	Instrumnet Name :	P8
Client Sample ID :	MH1FC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:51:37	DataFile Name :	113AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19568.00	19390.70	19257.54	19405.41	0.80	ppb
Antimony	121-1	1.88	1.70	1.69	1.75	6.18	ppb
Arsenic	75-2	30.79	31.84	30.51	31.05	2.27	ppb
Barium	135-1	419.88	406.65	416.75	414.43	1.67	ppb
Barium	137-1	440.44	417.98	417.85	425.42	3.06	ppb
Beryllium	9-1	2.03	2.21	2.07	2.10	4.63	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	17.09	19.51	19.15	18.58	7.02	ppb
Boron	11-1	17.56	19.62	19.23	18.80	5.84	ppb
Bromine	81-1						cps
Cadmium	111-1	9.17	7.99	8.13	8.43	7.67	ppb
Cadmium	106-1	9.12	7.04	5.94	7.37	21.88	ppb
Cadmium	108-1	7.92	8.02	7.77	7.90	1.60	ppb
Calcium	43-1	35027.02	34857.35	34469.92	34784.76	0.82	ppb
Calcium	44-1	35327.88	34521.63	34674.82	34841.44	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.84	26.59	26.46	26.63	0.73	ppb
Cobalt	59-2	20.54	20.00	20.01	20.18	1.52	ppb
Copper	63-2	178.36	175.69	173.48	175.84	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				116		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	47117.56	46633.96	45972.64	46574.72	1.23	ppb
Iron	56-2	46798.67	45682.03	46031.56	46170.76	1.24	ppb
Iron	57-2	46927.01	47940.90	45989.44	46952.45	2.08	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-06	Instrumnet Name :	P8
Client Sample ID :	MH1FC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:51:37	DataFile Name :	113AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	497.86	519.65	502.15	506.56	2.28	ppb
Lead	207-1	496.35	531.31	499.82	509.16	3.78	ppb
Lead	208-1	502.42	526.60	512.24	513.75	2.37	ppb
Lithium	6-1				105		%
Magnesium	24-2	10334.23	10126.53	10230.66	10230.47	1.02	ppb
Manganese	55-2	1702.00	1649.74	1678.39	1676.71	1.56	ppb
Molybdenum	94-1	5.24	5.85	5.75	5.61	5.78	ppb
Molybdenum	95-1	2.95	2.82	2.92	2.90	2.26	ppb
Molybdenum	96-1	3.69	3.65	3.72	3.69	0.90	ppb
Molybdenum	97-1	2.90	3.00	3.00	2.97	1.91	ppb
Molybdenum	98-1	2.88	2.87	2.87	2.87	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.53	51.31	51.85	51.23	1.30	ppb
Phosphorus	31-2	2775.51	2586.44	2746.33	2702.76	3.77	ppb
Potassium	39-2	6785.86	6675.23	6731.78	6730.96	0.82	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				91		%
Selenium	82-1	2.18	2.03	1.92	2.04	6.25	ppb
Selenium	77-2	45.89	42.46	50.97	46.44	9.22	ppb
Selenium	78-2	9.16	7.21	10.70	9.02	19.38	ppb
Silicon	28-1	1721.07	1679.81	1620.91	1673.93	3.01	ppb
Silver	107-1	2.64	2.49	2.58	2.57	2.93	ppb
Silver	109-1	2.76	2.57	2.67	2.67	3.70	ppb
Sodium	23-2	359.84	361.79	354.81	358.81	1.00	ppb
Strontium	86-1	159.27	165.03	167.74	164.01	2.64	ppb
Strontium	88-1	167.46	164.86	168.03	166.78	1.01	ppb
Sulfur	34-1	-414.70	-415.57	-670.80	-500.35		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.70	0.81	0.85	0.79	9.72	ppb
Thallium	205-1	0.71	0.78	0.82	0.77	7.26	ppb
Tin	118-1	8.34	8.19	7.95	8.16	2.42	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-06	Instrumnet Name :	P8
Client Sample ID :	MH1FC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:51:37	DataFile Name :	113AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	175.15	173.56	171.13	173.28	1.17	ppb
Uranium	238-1	2.70	2.76	2.78	2.75	1.60	ppb
Vanadium	51-2	77.02	76.25	75.71	76.33	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				101		%
Zinc	66-2	960.21	943.28	950.19	951.23	0.89	ppb
Zirconium	90-1	1.74	1.72	1.67	1.71	1.96	ppb
Zirconium	91-1	1.54	1.75	1.60	1.63	6.67	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-07	Instrumnet Name :	P8
Client Sample ID :	MH1FC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:54:31	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18084.59	23304.27	19786.51	20391.79	13.05	ppb
Antimony	121-1	1.17	1.22	1.34	1.24	7.21	ppb
Arsenic	75-2	28.17	35.26	30.80	31.41	11.40	ppb
Barium	135-1	428.52	437.17	468.18	444.63	4.69	ppb
Barium	137-1	435.71	444.32	474.24	451.42	4.48	ppb
Beryllium	9-1	1.69	1.66	1.68	1.68	0.65	ppb
Bismuth	209-1				114		%
Bismuth	209-2				94		%
Boron	10-1	13.09	14.22	13.63	13.65	4.15	ppb
Boron	11-1	13.66	14.16	14.30	14.04	2.38	ppb
Bromine	81-1						cps
Cadmium	111-1	3.41	3.34	3.49	3.41	2.08	ppb
Cadmium	106-1	1.63	2.00	2.21	1.94	14.85	ppb
Cadmium	108-1	2.77	2.89	3.68	3.12	15.87	ppb
Calcium	43-1	100007.50	99530.68	100857.20	100131.79	0.67	ppb
Calcium	44-1	98290.55	98094.83	100911.55	99098.98	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.72	28.66	24.87	25.08	13.84	ppb
Cobalt	59-2	16.03	21.01	17.61	18.22	13.98	ppb
Copper	63-2	73.44	96.62	81.15	83.74	14.10	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				112		%
Holmium	165-2				95		%
Indium	115-1				110		%
Indium	115-2				86		%
Iron	54-2	33541.39	44973.31	36794.99	38436.56	15.32	ppb
Iron	56-2	34775.69	45591.64	37745.99	39371.11	14.19	ppb
Iron	57-2	33044.53	43049.91	36525.59	37540.01	13.53	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-07	Instrumnet Name :	P8
Client Sample ID :	MH1FC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:54:31	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	125.21	135.90	131.44	130.85	4.10	ppb
Lead	207-1	124.22	132.91	129.10	128.74	3.38	ppb
Lead	208-1	124.46	130.88	130.40	128.58	2.78	ppb
Lithium	6-1				105		%
Magnesium	24-2	10811.88	14213.99	12376.37	12467.41	13.66	ppb
Manganese	55-2	850.85	1123.21	917.28	963.78	14.73	ppb
Molybdenum	94-1	5.01	6.04	5.46	5.51	9.38	ppb
Molybdenum	95-1	2.81	2.90	2.88	2.87	1.59	ppb
Molybdenum	96-1	3.44	3.49	3.39	3.44	1.45	ppb
Molybdenum	97-1	2.82	3.14	2.84	2.93	5.97	ppb
Molybdenum	98-1	2.78	2.92	2.89	2.86	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.81	64.93	53.09	55.61	15.02	ppb
Phosphorus	31-2	2513.25	3360.10	2878.37	2917.24	14.56	ppb
Potassium	39-2	5491.00	7236.66	6043.21	6256.96	14.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				89		%
Scandium	45-1				106		%
Scandium	45-2				82		%
Selenium	82-1	2.02	2.45	2.73	2.40	15.04	ppb
Selenium	77-2	35.63	53.30	45.08	44.67	19.80	ppb
Selenium	78-2	7.16	10.32	8.10	8.53	19.05	ppb
Silicon	28-1	1633.47	1679.47	1718.09	1677.01	2.53	ppb
Silver	107-1	0.74	0.76	0.83	0.78	5.98	ppb
Silver	109-1	0.79	0.80	0.87	0.82	5.32	ppb
Sodium	23-2	367.60	499.65	401.20	422.82	16.23	ppb
Strontium	86-1	188.47	205.05	198.44	197.32	4.23	ppb
Strontium	88-1	193.72	202.54	206.61	200.95	3.28	ppb
Sulfur	34-1	-554.09	-629.40	-172.32	-451.94		ppb
Terbium	159-1				115		%
Terbium	159-2				96		%
Thallium	203-1	0.61	0.57	0.56	0.58	4.55	ppb
Thallium	205-1	0.51	0.60	0.54	0.55	8.78	ppb
Tin	118-1	1.87	1.99	2.20	2.02	8.14	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-07	Instrumnet Name :	P8
Client Sample ID :	MH1FC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:54:31	DataFile Name :	114AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	135.59	135.61	137.68	136.30	0.88	ppb
Uranium	238-1	2.89	3.03	2.97	2.96	2.42	ppb
Vanadium	51-2	71.58	93.47	79.98	81.68	13.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				92		%
Zinc	66-2	286.94	373.77	308.12	322.95	14.02	ppb
Zirconium	90-1	1.55	1.59	1.64	1.59	2.79	ppb
Zirconium	91-1	1.52	1.64	1.61	1.59	4.05	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-08	Instrumnet Name :	P8
Client Sample ID :	MH1FC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:57:29	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22328.71	22539.45	22331.00	22399.72	0.54	ppb
Antimony	121-1	2.59	2.42	2.44	2.48	3.68	ppb
Arsenic	75-2	32.82	31.85	33.75	32.80	2.90	ppb
Barium	135-1	706.39	673.76	675.48	685.21	2.68	ppb
Barium	137-1	725.80	676.91	715.21	705.97	3.64	ppb
Beryllium	9-1	2.70	2.73	2.76	2.73	1.02	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	10-1	31.66	33.13	33.91	32.90	3.47	ppb
Boron	11-1	32.69	33.48	34.61	33.60	2.88	ppb
Bromine	81-1						cps
Cadmium	111-1	13.95	12.93	13.30	13.40	3.86	ppb
Cadmium	106-1	14.18	10.43	10.01	11.54	19.89	ppb
Cadmium	108-1	13.80	11.83	12.84	12.82	7.65	ppb
Calcium	43-1	94701.90	90863.03	91159.63	92241.52	2.32	ppb
Calcium	44-1	90870.79	89652.71	88015.35	89512.95	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.91	46.80	46.38	46.36	0.95	ppb
Cobalt	59-2	21.38	21.26	21.29	21.31	0.30	ppb
Copper	63-2	200.77	201.20	200.40	200.79	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				94		%
Iron	54-2	53131.37	52438.28	52174.42	52581.36	0.94	ppb
Iron	56-2	51016.19	51806.15	52103.87	51642.07	1.09	ppb
Iron	57-2	52319.21	52427.17	51701.58	52149.32	0.75	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-08	Instrumnet Name :	P8
Client Sample ID :	MH1FC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:57:29	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	950.42	935.32	912.49	932.74	2.05	ppb
Lead	207-1	921.44	901.01	899.98	907.48	1.33	ppb
Lead	208-1	917.16	917.70	904.04	912.96	0.85	ppb
Lithium	6-1				106		%
Magnesium	24-2	12149.32	11851.16	12214.27	12071.59	1.60	ppb
Manganese	55-2	1889.52	1940.06	1935.34	1921.64	1.45	ppb
Molybdenum	94-1	9.25	9.15	9.69	9.36	3.10	ppb
Molybdenum	95-1	3.93	3.93	3.94	3.93	0.07	ppb
Molybdenum	96-1	4.65	4.78	4.89	4.77	2.53	ppb
Molybdenum	97-1	3.88	3.46	4.10	3.81	8.54	ppb
Molybdenum	98-1	3.89	3.73	3.78	3.80	2.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.67	55.40	55.33	54.80	1.79	ppb
Phosphorus	31-2	7147.77	6991.73	7490.04	7209.85	3.54	ppb
Potassium	39-2	8970.37	8943.38	9090.00	9001.25	0.87	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				90		%
Selenium	82-1	2.45	3.37	3.40	3.07	17.53	ppb
Selenium	77-2	44.02	42.98	39.35	42.12	5.83	ppb
Selenium	78-2	7.83	9.78	12.06	9.89	21.41	ppb
Silicon	28-1	1974.92	1882.24	1780.32	1879.16	5.18	ppb
Silver	107-1	3.64	3.46	3.67	3.59	3.14	ppb
Silver	109-1	3.84	3.62	3.64	3.70	3.29	ppb
Sodium	23-2	672.20	666.58	672.42	670.40	0.49	ppb
Strontium	86-1	361.23	353.91	359.65	358.26	1.08	ppb
Strontium	88-1	355.55	356.84	352.66	355.02	0.60	ppb
Sulfur	34-1	1742.74	696.74	181.92	873.80	91.02	ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.64	0.64	0.68	0.66	3.65	ppb
Thallium	205-1	0.69	0.68	0.71	0.70	1.89	ppb
Tin	118-1	22.07	21.51	22.00	21.86	1.40	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-08	Instrumnet Name :	P8
Client Sample ID :	MH1FC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:57:29	DataFile Name :	115AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	302.21	293.65	283.82	293.23	3.14	ppb
Uranium	238-1	5.30	5.43	5.42	5.38	1.31	ppb
Vanadium	51-2	85.23	85.70	86.01	85.65	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				100		%
Zinc	66-2	2544.94	2569.03	2600.92	2571.63	1.09	ppb
Zirconium	90-1	3.19	3.08	3.15	3.14	1.79	ppb
Zirconium	91-1	2.95	3.06	3.15	3.05	3.24	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-09	Instrumnet Name :	P8
Client Sample ID :	MH1FC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:00:22	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23950.92	24125.50	23946.77	24007.73	0.42	ppb
Antimony	121-1	2.48	2.38	2.60	2.49	4.43	ppb
Arsenic	75-2	46.96	45.96	47.13	46.68	1.36	ppb
Barium	135-1	866.11	834.09	922.40	874.20	5.11	ppb
Barium	137-1	916.65	860.36	974.86	917.29	6.24	ppb
Beryllium	9-1	3.17	3.12	3.45	3.25	5.56	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	47.29	53.21	58.25	52.91	10.37	ppb
Boron	11-1	49.41	52.62	57.87	53.30	8.02	ppb
Bromine	81-1						cps
Cadmium	111-1	11.90	11.94	13.08	12.30	5.45	ppb
Cadmium	106-1	11.65	9.17	11.50	10.77	12.86	ppb
Cadmium	108-1	11.24	10.34	11.90	11.16	7.02	ppb
Calcium	43-1	114675.47	121477.67	122540.12	119564.42	3.57	ppb
Calcium	44-1	116284.30	119704.36	123657.65	119882.10	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.31	42.95	41.94	42.07	1.97	ppb
Cobalt	59-2	24.16	24.87	24.65	24.56	1.49	ppb
Copper	63-2	226.03	232.42	228.36	228.93	1.41	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				114		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				93		%
Iron	54-2	50423.78	51709.61	51493.69	51209.03	1.34	ppb
Iron	56-2	50351.09	52252.76	50956.79	51186.88	1.90	ppb
Iron	57-2	51321.07	51330.37	52005.47	51552.30	0.76	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-09	Instrumnet Name :	P8
Client Sample ID :	MH1FC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:00:22	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1029.81	1043.48	1129.15	1067.48	5.04	ppb
Lead	207-1	1017.98	1017.43	1084.34	1039.92	3.70	ppb
Lead	208-1	1024.96	1030.25	1096.72	1050.64	3.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	11989.89	12028.67	11748.80	11922.46	1.27	ppb
Manganese	55-2	2146.47	2199.22	2163.44	2169.71	1.24	ppb
Molybdenum	94-1	9.39	8.74	10.18	9.44	7.63	ppb
Molybdenum	95-1	4.04	4.04	4.44	4.17	5.57	ppb
Molybdenum	96-1	4.94	4.76	5.12	4.94	3.61	ppb
Molybdenum	97-1	4.06	4.11	4.60	4.26	6.93	ppb
Molybdenum	98-1	4.11	3.96	4.55	4.21	7.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.94	64.61	63.74	63.43	2.14	ppb
Phosphorus	31-2	6349.96	6259.77	6421.33	6343.69	1.28	ppb
Potassium	39-2	8205.15	8537.46	8388.35	8376.99	1.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				90		%
Selenium	82-1	3.78	3.55	3.67	3.67	3.05	ppb
Selenium	77-2	45.90	42.34	56.93	48.39	15.71	ppb
Selenium	78-2	7.83	11.31	8.79	9.31	19.29	ppb
Silicon	28-1	1758.67	1912.46	1815.02	1828.72	4.25	ppb
Silver	107-1	3.61	3.71	3.96	3.76	4.77	ppb
Silver	109-1	3.74	3.77	3.99	3.83	3.46	ppb
Sodium	23-2	1111.23	1129.43	1093.54	1111.40	1.61	ppb
Strontium	86-1	460.78	457.36	495.39	471.18	4.47	ppb
Strontium	88-1	465.62	464.59	503.37	477.86	4.62	ppb
Sulfur	34-1	-4.82	713.50	758.19	488.96	87.57	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.72	0.80	0.98	0.83	15.55	ppb
Thallium	205-1	0.78	0.89	0.88	0.85	6.95	ppb
Tin	118-1	31.00	29.81	31.95	30.92	3.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-09	Instrumnet Name :	P8
Client Sample ID :	MH1FC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:00:22	DataFile Name :	116AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	296.53	298.32	311.39	302.08	2.68	ppb
Uranium	238-1	4.93	5.29	5.60	5.27	6.37	ppb
Vanadium	51-2	91.11	92.60	92.90	92.20	1.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	2157.39	2206.02	2178.42	2180.61	1.12	ppb
Zirconium	90-1	2.96	3.01	3.09	3.02	2.24	ppb
Zirconium	91-1	2.94	2.89	2.98	2.94	1.63	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-10	Instrumnet Name :	P8
Client Sample ID :	MH1FC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:03:17	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28509.87	30789.61	26785.73	28695.07	7.00	ppb
Antimony	121-1	2.18	2.24	2.42	2.28	5.46	ppb
Arsenic	75-2	46.62	50.10	44.68	47.13	5.82	ppb
Barium	135-1	838.92	812.37	892.85	848.05	4.84	ppb
Barium	137-1	869.43	874.35	932.93	892.24	3.96	ppb
Beryllium	9-1	3.54	3.34	3.57	3.49	3.54	ppb
Bismuth	209-1				117		%
Bismuth	209-2				99		%
Boron	10-1	51.63	53.65	56.76	54.02	4.79	ppb
Boron	11-1	51.04	53.85	55.54	53.48	4.25	ppb
Bromine	81-1						cps
Cadmium	111-1	10.94	10.98	11.89	11.27	4.74	ppb
Cadmium	106-1	7.12	8.07	9.23	8.14	12.98	ppb
Cadmium	108-1	10.57	11.33	10.55	10.82	4.11	ppb
Calcium	43-1	90690.32	98414.14	96342.01	95148.82	4.20	ppb
Calcium	44-1	92893.88	95056.17	94172.80	94040.95	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.27	41.86	37.51	39.21	5.93	ppb
Cobalt	59-2	28.50	30.73	26.81	28.68	6.86	ppb
Copper	63-2	222.20	246.96	218.14	229.10	6.81	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				117		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				90		%
Iron	54-2	60034.69	64995.13	58127.10	61052.31	5.81	ppb
Iron	56-2	59659.76	64029.87	57831.45	60507.02	5.26	ppb
Iron	57-2	60253.38	65479.93	58778.30	61503.87	5.73	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-10	Instrumnet Name :	P8
Client Sample ID :	MH1FC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:03:17	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	947.09	958.96	961.30	955.78	0.80	ppb
Lead	207-1	891.99	951.54	942.17	928.57	3.45	ppb
Lead	208-1	923.67	949.05	938.32	937.02	1.36	ppb
Lithium	6-1				107		%
Magnesium	24-2	12799.38	13132.51	11638.83	12523.57	6.26	ppb
Manganese	55-2	2408.26	2562.58	2327.72	2432.85	4.91	ppb
Molybdenum	94-1	10.41	10.11	10.30	10.27	1.44	ppb
Molybdenum	95-1	4.45	4.08	4.34	4.29	4.46	ppb
Molybdenum	96-1	5.24	5.31	5.40	5.32	1.52	ppb
Molybdenum	97-1	3.96	4.26	4.33	4.18	4.66	ppb
Molybdenum	98-1	4.27	4.18	4.34	4.26	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.19	70.58	62.75	65.84	6.33	ppb
Phosphorus	31-2	5206.04	5931.71	5282.19	5473.31	7.29	ppb
Potassium	39-2	8639.19	9084.99	8146.99	8623.72	5.44	ppb
Rhodium	103-1				106		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				87		%
Selenium	82-1	2.19	2.44	4.02	2.88	34.32	ppb
Selenium	77-2	49.28	57.12	42.27	49.56	14.99	ppb
Selenium	78-2	9.86	11.71	11.32	10.96	8.90	ppb
Silicon	28-1	1732.01	1710.86	1706.57	1716.48	0.79	ppb
Silver	107-1	3.93	3.85	4.08	3.95	2.97	ppb
Silver	109-1	3.90	3.97	4.53	4.13	8.35	ppb
Sodium	23-2	1358.05	1467.02	1278.38	1367.82	6.92	ppb
Strontium	86-1	444.28	440.59	446.50	443.79	0.67	ppb
Strontium	88-1	443.96	438.95	437.18	440.03	0.80	ppb
Sulfur	34-1	11.70	173.29	108.57	97.86	83.11	ppb
Terbium	159-1				114		%
Terbium	159-2				100		%
Thallium	203-1	0.92	0.98	0.94	0.95	3.32	ppb
Thallium	205-1	0.99	0.96	0.99	0.98	1.77	ppb
Tin	118-1	82.11	77.94	85.00	81.68	4.34	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-10	Instrumnet Name :	P8
Client Sample ID :	MH1FC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:03:17	DataFile Name :	117AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	308.99	301.02	308.63	306.21	1.47	ppb
Uranium	238-1	4.78	4.66	4.75	4.73	1.40	ppb
Vanadium	51-2	103.94	112.19	98.98	105.04	6.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				100		%
Zinc	66-2	1669.03	1780.55	1569.29	1672.96	6.32	ppb
Zirconium	90-1	3.40	3.40	3.46	3.42	1.03	ppb
Zirconium	91-1	3.53	3.36	3.44	3.44	2.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV046	Instrumnet Name :	P8
Client Sample ID :	CCV046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:06:10	DataFile Name :	118CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51529.68	51079.71	50747.91	51119.10	0.77	ppb
Antimony	121-1	466.03	459.83	481.99	469.28	2.44	ppb
Arsenic	75-2	513.90	506.13	500.33	506.79	1.34	ppb
Barium	135-1	2418.41	2428.29	2504.94	2450.55	1.93	ppb
Barium	137-1	2395.03	2420.28	2521.72	2445.68	2.74	ppb
Beryllium	9-1	508.36	512.19	497.67	506.07	1.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	474.32	518.37	517.72	503.47	5.01	ppb
Boron	11-1	469.77	511.50	511.79	497.69	4.86	ppb
Bromine	81-1						cps
Cadmium	111-1	495.56	492.07	501.12	496.25	0.92	ppb
Cadmium	106-1	489.64	479.89	476.24	481.92	1.44	ppb
Cadmium	108-1	468.11	485.66	511.39	488.38	4.46	ppb
Calcium	43-1	256864.06	254907.94	254478.49	255416.83	0.50	ppb
Calcium	44-1	254354.07	259983.09	254752.83	256363.33	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.34	488.20	495.53	493.03	0.85	ppb
Cobalt	59-2	552.68	535.40	538.48	542.18	1.70	ppb
Copper	63-2	5301.62	5264.00	5304.29	5289.97	0.43	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				113		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				87		%
Iron	54-2	132891.03	130656.69	129924.26	131157.33	1.18	ppb
Iron	56-2	130444.10	128685.77	131332.33	130154.07	1.03	ppb
Iron	57-2	132011.04	131608.09	130497.27	131372.14	0.60	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV046	Instrumnet Name :	P8
Client Sample ID :	CCV046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:06:10	DataFile Name :	118CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2444.07	2529.29	2452.59	2475.32	1.90	ppb
Lead	207-1	2529.91	2512.15	2410.97	2484.34	2.58	ppb
Lead	208-1	2510.74	2516.28	2458.05	2495.02	1.29	ppb
Lithium	6-1				104		%
Magnesium	24-2	264684.96	255337.69	262589.21	260870.62	1.88	ppb
Manganese	55-2	5302.30	5252.94	5173.62	5242.95	1.24	ppb
Molybdenum	94-1	5227.65	5477.41	5420.08	5375.05	2.43	ppb
Molybdenum	95-1	5233.16	5427.07	5474.76	5378.33	2.38	ppb
Molybdenum	96-1	5310.98	5500.44	5520.60	5444.01	2.12	ppb
Molybdenum	97-1	5342.34	5460.99	5587.45	5463.59	2.24	ppb
Molybdenum	98-1	5344.77	5351.47	5713.29	5469.84	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.48	521.61	537.25	527.45	1.62	ppb
Phosphorus	31-2	9928.90	9647.85	9746.57	9774.44	1.46	ppb
Potassium	39-2	124645.03	122596.80	124489.89	123910.57	0.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				88		%
Scandium	45-1				101		%
Scandium	45-2				84		%
Selenium	82-1	498.28	513.47	514.36	508.70	1.78	ppb
Selenium	77-2	535.94	467.14	496.69	499.92	6.90	ppb
Selenium	78-2	529.73	517.09	517.21	521.34	1.39	ppb
Silicon	28-1	754.75	580.32	615.32	650.13	14.19	ppb
Silver	107-1	484.57	487.87	492.20	488.21	0.78	ppb
Silver	109-1	485.55	499.23	508.28	497.68	2.30	ppb
Sodium	23-2	268744.50	252441.79	266216.36	262467.55	3.34	ppb
Strontium	86-1	4713.38	4928.44	4821.51	4821.11	2.23	ppb
Strontium	88-1	4786.62	4902.84	4886.10	4858.52	1.29	ppb
Sulfur	34-1	12139.33	11697.83	12064.21	11967.12	1.97	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	522.95	507.04	517.27	515.75	1.56	ppb
Thallium	205-1	495.94	492.15	508.11	498.73	1.67	ppb
Tin	118-1	491.03	485.64	502.05	492.90	1.70	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV046	Instrumnet Name :	P8
Client Sample ID :	CCV046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:06:10	DataFile Name :	118CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5493.40	5521.37	5586.05	5533.60	0.86	ppb
Uranium	238-1	514.40	518.71	519.35	517.49	0.52	ppb
Vanadium	51-2	497.64	497.75	500.39	498.59	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				86		%
Zinc	66-2	5009.95	4875.21	5031.47	4972.21	1.70	ppb
Zirconium	90-1	496.52	498.36	491.90	495.59	0.67	ppb
Zirconium	91-1	490.31	498.05	492.56	493.64	0.81	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB046	Instrumnet Name :	P8
Client Sample ID :	CCB046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:15:12	DataFile Name :	119CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.90	1.26	0.74	0.97	27.29	ppb
Antimony	121-1	0.04	0.04	0.08	0.05	44.41	ppb
Arsenic	75-2	-0.03	-0.01	-0.03	-0.02		ppb
Barium	135-1	0.05	0.00	0.00	0.02	141.08	ppb
Barium	137-1	0.04	0.02	0.03	0.03	30.76	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	29.40	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	15.91	16.54	15.80	16.08	2.47	ppb
Boron	11-1	15.27	15.37	15.75	15.46	1.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.03	-0.06	-0.05		ppb
Cadmium	106-1	-4.83	-2.97	-4.90	-4.24		ppb
Cadmium	108-1	-0.20	0.04	0.06	-0.03		ppb
Calcium	43-1	2.27	2.87	0.75	1.96	55.75	ppb
Calcium	44-1	-13.10	-13.35	-12.95	-13.14		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	-0.04	0.00		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.14	0.20	0.13	0.16	24.94	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				109		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	2.66	2.87	2.37	2.64	9.65	ppb
Iron	56-2	1.91	2.61	2.16	2.23	15.89	ppb
Iron	57-2	-1.07	2.25	2.77	1.31	158.55	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB046	Instrumnet Name :	P8
Client Sample ID :	CCB046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:15:12	DataFile Name :	119CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.02	0.04	59.72	ppb
Lead	207-1	0.06	0.01	0.02	0.03	94.18	ppb
Lead	208-1	0.04	0.03	0.03	0.03	23.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.52	2.99	2.70	2.40	32.43	ppb
Manganese	55-2	0.04	0.10	0.10	0.08	41.81	ppb
Molybdenum	94-1	0.04	0.04	0.07	0.05	32.62	ppb
Molybdenum	95-1	0.07	0.07	0.06	0.07	7.36	ppb
Molybdenum	96-1	0.11	0.11	0.07	0.10	25.02	ppb
Molybdenum	97-1	0.10	0.08	0.06	0.08	20.80	ppb
Molybdenum	98-1	0.11	0.08	0.05	0.08	37.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-37.16	-44.38	-41.15	-40.90		ppb
Potassium	39-2	-2.09	-1.37	-1.00	-1.49		ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				85		%
Selenium	82-1	0.74	1.14	1.61	1.16	37.63	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.87	-0.75	-2.00	-1.21		ppb
Silicon	28-1	-20.30	-20.19	-17.68	-19.39		ppb
Silver	107-1	0.02	-0.01	0.01	0.01	147.50	ppb
Silver	109-1	0.00	0.01	0.00	0.01	122.44	ppb
Sodium	23-2	2.73	8.03	1.04	3.94	92.62	ppb
Strontium	86-1	0.00	-0.12	0.05	-0.03		ppb
Strontium	88-1	0.04	0.04	0.03	0.03	19.02	ppb
Sulfur	34-1	-978.50	-964.75	-829.94	-924.40		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Tin	118-1	-0.10	-0.12	-0.13	-0.12		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB046	Instrumnet Name :	P8
Client Sample ID :	CCB046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:15:12	DataFile Name :	119CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.06	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.35	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	83.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	0.05	0.25	0.20	0.17	60.73	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	72.44	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	59.25	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141134BL Instrumnet Name : P8
 Client Sample ID : PBS134 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:18:52 DataFile Name : 120CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.30	0.15	0.32	56.42	ppb
Antimony	121-1	0.01	0.01	0.03	0.02	72.71	ppb
Arsenic	75-2	-0.03	-0.02	0.00	-0.02		ppb
Barium	135-1	0.02	0.00	0.03	0.02	95.84	ppb
Barium	137-1	0.01	0.01	0.02	0.01	63.73	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	42.43	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	11.12	11.09	10.70	10.97	2.14	ppb
Boron	11-1	10.84	10.69	10.82	10.78	0.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	-3.03	-3.41	-3.48	-3.30		ppb
Cadmium	108-1	-0.06	-0.16	-0.06	-0.09		ppb
Calcium	43-1	-0.69	0.56	1.32	0.40	253.92	ppb
Calcium	44-1	-13.24	-17.04	-16.87	-15.72		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.06	-0.04	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.12	0.08	0.09	24.27	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				111		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	54-2	1.65	-0.15	1.49	1.00	99.67	ppb
Iron	56-2	0.83	0.86	0.73	0.81	8.12	ppb
Iron	57-2	1.17	0.04	-0.23	0.33	227.28	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BL	Instrumnet Name :	P8
Client Sample ID :	PBS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:18:52	DataFile Name :	120CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	29.30	ppb
Lead	207-1	0.00	0.01	-0.02	0.00		ppb
Lead	208-1	0.02	0.01	0.01	0.01	25.90	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.82	1.15	-0.05	0.64	97.29	ppb
Manganese	55-2	0.01	0.06	0.01	0.03	109.31	ppb
Molybdenum	94-1	-0.01	0.03	0.02	0.01	163.61	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	21.16	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.05	10.58	ppb
Molybdenum	97-1	0.04	0.05	0.03	0.04	17.30	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	18.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.02	-0.01		ppb
Phosphorus	31-2	-33.94	-26.71	-23.74	-28.13		ppb
Potassium	39-2	-0.76	-1.48	4.53	0.76	429.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				85		%
Selenium	82-1	0.31	0.60	0.59	0.50	32.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.07	-0.96	-1.03	-1.02		ppb
Silicon	28-1	-21.45	-26.64	-22.72	-23.60		ppb
Silver	107-1	0.01	0.00	0.00	0.00	214.85	ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	-1.62	-3.09	-1.35	-2.02		ppb
Strontium	86-1	-0.03	-0.01	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	24.15	ppb
Sulfur	34-1	-749.87	-1323.69	-1098.49	-1057.35		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.05	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.04		ppb
Tin	118-1	-0.13	-0.14	-0.11	-0.13		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BL	Instrumnet Name :	P8
Client Sample ID :	PBS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:18:52	DataFile Name :	120CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.02	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	205.71	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	0.02	-0.09	0.07	0.00		ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BS	Instrumnet Name :	P8
Client Sample ID :	LCS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:21:57	DataFile Name :	121LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.07	36.22	38.59	36.96	3.83	ppb
Antimony	121-1	3.73	3.49	3.62	3.61	3.25	ppb
Arsenic	75-2	1.91	2.17	2.15	2.08	7.06	ppb
Barium	135-1	17.09	17.27	18.29	17.55	3.69	ppb
Barium	137-1	17.85	18.13	18.86	18.28	2.86	ppb
Beryllium	9-1	2.12	1.93	2.26	2.10	7.81	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	44.81	50.31	55.15	50.09	10.33	ppb
Boron	11-1	45.17	49.02	55.12	49.77	10.08	ppb
Bromine	81-1						cps
Cadmium	111-1	1.97	1.86	1.98	1.94	3.42	ppb
Cadmium	106-1	0.62	-3.36	-0.42	-1.05		ppb
Cadmium	108-1	2.35	2.13	1.87	2.12	11.46	ppb
Calcium	43-1	913.33	957.71	960.29	943.78	2.80	ppb
Calcium	44-1	917.13	946.13	951.86	938.38	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.76	3.67	3.93	3.79	3.45	ppb
Cobalt	59-2	1.98	1.96	2.01	1.99	1.14	ppb
Copper	63-2	4.04	4.29	4.32	4.22	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				93		%
Iron	54-2	442.83	446.42	454.86	448.04	1.38	ppb
Iron	56-2	430.82	427.24	455.96	438.01	3.57	ppb
Iron	57-2	434.77	421.59	459.97	438.78	4.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BS	Instrumnet Name :	P8
Client Sample ID :	LCS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:21:57	DataFile Name :	121LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.64	1.74	1.80	1.73	4.54	ppb
Lead	207-1	1.60	1.72	1.75	1.69	4.81	ppb
Lead	208-1	1.66	1.73	1.75	1.71	2.76	ppb
Lithium	6-1				101		%
Magnesium	24-2	978.95	977.74	1042.00	999.56	3.68	ppb
Manganese	55-2	1.94	1.90	2.07	1.97	4.38	ppb
Molybdenum	94-1	11.15	11.39	11.22	11.25	1.11	ppb
Molybdenum	95-1	9.77	9.65	9.78	9.73	0.75	ppb
Molybdenum	96-1	9.73	9.85	9.48	9.69	1.95	ppb
Molybdenum	97-1	9.39	9.65	9.81	9.62	2.19	ppb
Molybdenum	98-1	9.49	9.86	9.73	9.69	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.08	2.29	2.12	7.48	ppb
Phosphorus	31-2	43.01	7.80	15.80	22.20	83.12	ppb
Potassium	39-2	912.77	961.01	996.56	956.78	4.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				84		%
Selenium	82-1	10.59	10.66	10.60	10.62	0.37	ppb
Selenium	77-2	9.06	16.12	5.30	10.16	54.08	ppb
Selenium	78-2	10.08	7.95	8.56	8.86	12.37	ppb
Silicon	28-1	-4.03	-0.77	1.67	-1.04		ppb
Silver	107-1	1.63	1.85	1.77	1.75	6.20	ppb
Silver	109-1	1.90	1.87	1.90	1.89	0.90	ppb
Sodium	23-2	977.70	975.12	1015.85	989.56	2.31	ppb
Strontium	86-1	1.82	1.91	1.83	1.86	2.65	ppb
Strontium	88-1	1.81	1.84	1.90	1.85	2.30	ppb
Sulfur	34-1	-1390.30	-988.73	-780.47	-1053.17		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	1.65	1.69	1.71	1.68	1.68	ppb
Thallium	205-1	1.70	1.71	1.75	1.72	1.64	ppb
Tin	118-1	9.03	9.32	9.28	9.21	1.70	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BS	Instrumnet Name :	P8
Client Sample ID :	LCS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:21:57	DataFile Name :	121LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.54	9.74	9.70	9.66	1.11	ppb
Uranium	238-1	1.67	1.73	1.70	1.70	1.67	ppb
Vanadium	51-2	9.55	9.50	9.95	9.67	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	10.09	10.68	11.21	10.66	5.29	ppb
Zirconium	90-1	1.83	1.87	1.78	1.83	2.48	ppb
Zirconium	91-1	1.66	1.89	1.90	1.81	7.52	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-11	Instrumnet Name :	P8
Client Sample ID :	MH1FD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:24:59	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28324.33	24592.25	24145.49	25687.36	8.93	ppb
Antimony	121-1	1.61	1.60	1.74	1.65	4.85	ppb
Arsenic	75-2	40.58	36.38	36.08	37.68	6.69	ppb
Barium	135-1	639.02	634.98	645.52	639.84	0.83	ppb
Barium	137-1	664.05	637.07	710.11	670.41	5.51	ppb
Beryllium	9-1	2.87	2.79	2.78	2.81	1.82	ppb
Bismuth	209-1				117		%
Bismuth	209-2				102		%
Boron	10-1	35.63	34.10	39.82	36.52	8.11	ppb
Boron	11-1	36.46	36.82	36.41	36.56	0.60	ppb
Bromine	81-1						cps
Cadmium	111-1	7.77	7.69	8.06	7.84	2.53	ppb
Cadmium	106-1	6.87	6.80	5.37	6.35	13.30	ppb
Cadmium	108-1	7.16	7.38	7.68	7.41	3.51	ppb
Calcium	43-1	60172.77	58991.58	64578.87	61247.74	4.81	ppb
Calcium	44-1	60690.85	59044.21	63808.09	61181.05	3.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.43	30.80	30.13	32.12	8.98	ppb
Cobalt	59-2	26.00	23.27	23.13	24.14	6.71	ppb
Copper	63-2	172.15	153.29	150.35	158.60	7.46	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				116		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				92		%
Iron	54-2	56909.59	49690.62	48486.99	51695.73	8.81	ppb
Iron	56-2	56373.46	49730.95	48542.34	51548.92	8.19	ppb
Iron	57-2	56286.19	50343.99	49218.36	51949.51	7.31	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-11	Instrumnet Name :	P8
Client Sample ID :	MH1FD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:24:59	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	502.06	503.90	535.58	513.85	3.67	ppb
Lead	207-1	499.77	508.67	535.08	514.51	3.57	ppb
Lead	208-1	509.32	507.45	535.50	517.43	3.03	ppb
Lithium	6-1				109		%
Magnesium	24-2	12696.50	11268.79	10964.18	11643.16	7.94	ppb
Manganese	55-2	1992.85	1724.24	1666.91	1794.67	9.70	ppb
Molybdenum	94-1	7.00	7.32	7.39	7.24	2.90	ppb
Molybdenum	95-1	3.68	3.62	3.77	3.69	2.08	ppb
Molybdenum	96-1	4.42	4.28	4.66	4.45	4.27	ppb
Molybdenum	97-1	3.78	3.82	4.08	3.89	4.14	ppb
Molybdenum	98-1	3.65	3.70	3.86	3.74	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.70	62.34	60.98	64.67	8.14	ppb
Phosphorus	31-2	3699.94	3300.45	3396.75	3465.71	6.02	ppb
Potassium	39-2	8592.50	7579.29	7423.42	7865.07	8.07	ppb
Rhodium	103-1				108		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				88		%
Selenium	82-1	2.57	2.82	2.03	2.47	16.18	ppb
Selenium	77-2	51.37	46.56	47.09	48.34	5.46	ppb
Selenium	78-2	9.61	11.35	9.83	10.27	9.24	ppb
Silicon	28-1	1543.52	1465.82	1659.11	1556.15	6.25	ppb
Silver	107-1	2.56	2.54	2.65	2.58	2.30	ppb
Silver	109-1	2.69	2.73	2.83	2.75	2.58	ppb
Sodium	23-2	857.47	752.59	756.44	788.84	7.54	ppb
Strontium	86-1	273.27	268.17	281.48	274.31	2.45	ppb
Strontium	88-1	269.93	273.41	281.49	274.95	2.16	ppb
Sulfur	34-1	-1365.13	-1832.77	-1028.77	-1408.89		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.85	0.85	0.87	0.86	1.79	ppb
Thallium	205-1	0.83	0.89	0.91	0.88	4.83	ppb
Tin	118-1	40.86	40.67	41.53	41.02	1.11	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-11	Instrumnet Name :	P8
Client Sample ID :	MH1FD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:24:59	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	177.72	171.95	180.35	176.68	2.43	ppb
Uranium	238-1	3.13	3.28	3.37	3.26	3.76	ppb
Vanadium	51-2	111.91	97.02	96.93	101.95	8.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				100		%
Zinc	66-2	945.04	826.76	816.92	862.91	8.26	ppb
Zirconium	90-1	2.10	2.09	2.24	2.15	3.73	ppb
Zirconium	91-1	2.13	2.06	2.08	2.09	1.64	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-12	Instrumnet Name :	P8
Client Sample ID :	MH1FD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:27:54	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23203.00	22859.02	23252.52	23104.85	0.93	ppb
Antimony	121-1	2.49	2.49	2.43	2.47	1.32	ppb
Arsenic	75-2	31.83	32.24	31.12	31.73	1.79	ppb
Barium	135-1	703.02	713.06	717.81	711.30	1.06	ppb
Barium	137-1	708.27	747.71	758.65	738.21	3.59	ppb
Beryllium	9-1	2.83	2.79	2.78	2.80	1.05	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Boron	10-1	42.60	47.94	46.32	45.62	5.99	ppb
Boron	11-1	43.50	46.51	46.84	45.62	4.03	ppb
Bromine	81-1						cps
Cadmium	111-1	10.09	10.51	10.00	10.20	2.64	ppb
Cadmium	106-1	6.60	7.86	9.78	8.08	19.80	ppb
Cadmium	108-1	8.63	10.58	10.30	9.84	10.68	ppb
Calcium	43-1	96187.60	99191.19	101853.99	99077.59	2.86	ppb
Calcium	44-1	98783.63	99587.80	100006.05	99459.16	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.04	42.58	43.01	42.88	0.60	ppb
Cobalt	59-2	22.33	22.39	22.29	22.34	0.23	ppb
Copper	63-2	179.06	178.28	177.60	178.32	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				96		%
Iron	54-2	50617.55	49481.99	51156.01	50418.52	1.69	ppb
Iron	56-2	49575.86	49516.50	49808.71	49633.69	0.31	ppb
Iron	57-2	50828.05	49522.93	50018.94	50123.31	1.31	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-12	Instrumnet Name :	P8
Client Sample ID :	MH1FD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:27:54	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	790.54	808.07	812.72	803.78	1.45	ppb
Lead	207-1	778.09	797.34	806.20	793.87	1.81	ppb
Lead	208-1	785.60	810.91	813.71	803.40	1.93	ppb
Lithium	6-1				106		%
Magnesium	24-2	12118.92	11550.00	12060.39	11909.77	2.63	ppb
Manganese	55-2	2014.23	1927.92	1975.29	1972.48	2.19	ppb
Molybdenum	94-1	8.05	8.30	8.17	8.17	1.50	ppb
Molybdenum	95-1	3.82	3.85	3.58	3.75	3.87	ppb
Molybdenum	96-1	4.61	4.81	4.58	4.67	2.62	ppb
Molybdenum	97-1	3.85	3.79	3.72	3.79	1.73	ppb
Molybdenum	98-1	3.76	3.78	3.62	3.72	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.73	50.85	51.53	51.37	0.89	ppb
Phosphorus	31-2	7383.19	6949.36	7167.44	7166.67	3.03	ppb
Potassium	39-2	10151.01	10029.93	10296.38	10159.11	1.31	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				91		%
Selenium	82-1	3.85	3.61	4.06	3.84	5.89	ppb
Selenium	77-2	55.35	45.75	48.76	49.95	9.83	ppb
Selenium	78-2	8.94	10.36	9.04	9.44	8.40	ppb
Silicon	28-1	1813.73	1956.62	1883.50	1884.62	3.79	ppb
Silver	107-1	2.71	2.89	2.85	2.82	3.29	ppb
Silver	109-1	2.70	2.89	3.05	2.88	6.00	ppb
Sodium	23-2	907.47	901.92	909.44	906.28	0.43	ppb
Strontium	86-1	355.21	362.24	358.13	358.53	0.98	ppb
Strontium	88-1	363.83	362.40	350.70	358.98	2.01	ppb
Sulfur	34-1	-251.83	551.77	245.91	181.95	222.92	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.56	0.65	0.58	0.60	7.44	ppb
Thallium	205-1	0.60	0.59	0.64	0.61	3.68	ppb
Tin	118-1	18.62	19.25	19.09	18.99	1.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-12	Instrumnet Name :	P8
Client Sample ID :	MH1FD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:27:54	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	277.30	295.57	292.84	288.57	3.42	ppb
Uranium	238-1	4.92	5.10	5.00	5.01	1.77	ppb
Vanadium	51-2	88.01	86.21	86.75	86.99	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				103		%
Zinc	66-2	2001.05	2001.64	2000.48	2001.06	0.03	ppb
Zirconium	90-1	2.69	2.75	2.66	2.70	1.80	ppb
Zirconium	91-1	2.65	2.74	2.59	2.66	2.71	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-13	Instrumnet Name :	P8
Client Sample ID :	MH1FD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:30:47	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28467.87	26958.31	27095.23	27507.13	3.03	ppb
Antimony	121-1	2.72	2.48	2.71	2.64	5.13	ppb
Arsenic	75-2	51.88	49.74	51.35	50.99	2.18	ppb
Barium	135-1	981.70	1005.17	996.85	994.57	1.20	ppb
Barium	137-1	1017.52	1028.03	1005.02	1016.86	1.13	ppb
Beryllium	9-1	3.80	3.99	3.60	3.79	5.11	ppb
Bismuth	209-1				115		%
Bismuth	209-2				104		%
Boron	10-1	71.10	78.59	81.93	77.21	7.18	ppb
Boron	11-1	70.31	80.39	77.90	76.20	6.89	ppb
Bromine	81-1						cps
Cadmium	111-1	11.19	11.19	11.77	11.38	2.91	ppb
Cadmium	106-1	11.61	10.18	11.32	11.03	6.86	ppb
Cadmium	108-1	10.89	10.97	9.96	10.61	5.29	ppb
Calcium	43-1	103158.52	102477.66	103646.26	103094.15	0.57	ppb
Calcium	44-1	99587.79	102219.05	100394.85	100733.90	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.26	46.76	47.07	47.36	1.68	ppb
Cobalt	59-2	26.16	25.37	25.76	25.76	1.52	ppb
Copper	63-2	235.00	225.32	226.56	228.96	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				94		%
Iron	54-2	53133.31	50588.02	51287.37	51669.57	2.54	ppb
Iron	56-2	52089.55	49904.61	48969.77	50321.31	3.18	ppb
Iron	57-2	53361.52	50930.24	49914.11	51401.96	3.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-13	Instrumnet Name :	P8
Client Sample ID :	MH1FD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:30:47	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2697.06	2670.62	2722.53	2696.74	0.96	ppb
Lead	207-1	2619.01	2691.12	2687.92	2666.01	1.53	ppb
Lead	208-1	2644.72	2685.81	2702.54	2677.69	1.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	10755.42	10141.72	10299.45	10398.86	3.06	ppb
Manganese	55-2	2309.34	2213.56	2189.92	2237.61	2.83	ppb
Molybdenum	94-1	10.84	10.71	10.83	10.80	0.69	ppb
Molybdenum	95-1	4.58	4.58	4.52	4.56	0.72	ppb
Molybdenum	96-1	5.64	5.63	5.68	5.65	0.47	ppb
Molybdenum	97-1	4.58	4.73	4.59	4.63	1.75	ppb
Molybdenum	98-1	4.69	4.61	4.50	4.60	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.58	60.58	60.46	61.20	1.94	ppb
Phosphorus	31-2	6086.52	5860.55	5573.82	5840.30	4.40	ppb
Potassium	39-2	8450.52	8193.50	8172.86	8272.29	1.87	ppb
Rhodium	103-1				107		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				90		%
Selenium	82-1	3.10	3.45	3.18	3.24	5.72	ppb
Selenium	77-2	56.49	52.46	53.03	53.99	4.04	ppb
Selenium	78-2	10.11	9.41	8.08	9.20	11.21	ppb
Silicon	28-1	1702.53	1680.81	1670.20	1684.51	0.98	ppb
Silver	107-1	3.64	3.67	3.75	3.68	1.47	ppb
Silver	109-1	3.81	3.70	3.69	3.74	1.80	ppb
Sodium	23-2	1721.98	1612.47	1618.72	1651.06	3.72	ppb
Strontium	86-1	526.64	536.12	516.81	526.52	1.83	ppb
Strontium	88-1	513.51	516.48	516.06	515.35	0.31	ppb
Sulfur	34-1	12.18	-137.42	-133.33	-86.19		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.80	0.78	0.81	0.80	1.90	ppb
Thallium	205-1	0.82	0.78	0.78	0.79	2.94	ppb
Tin	118-1	43.68	43.19	44.68	43.85	1.73	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-13	Instrumnet Name :	P8
Client Sample ID :	MH1FD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:30:47	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	384.12	401.03	389.46	391.54	2.21	ppb
Uranium	238-1	4.70	4.83	5.03	4.86	3.37	ppb
Vanadium	51-2	102.84	101.07	98.69	100.87	2.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				103		%
Zinc	66-2	2264.67	2194.43	2221.78	2226.96	1.59	ppb
Zirconium	90-1	3.76	3.76	3.74	3.75	0.36	ppb
Zirconium	91-1	3.90	3.83	3.73	3.82	2.29	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-14	Instrumnet Name :	P8
Client Sample ID :	MH1FD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:33:43	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28365.38	28335.92	28387.83	28363.05	0.09	ppb
Antimony	121-1	2.48	2.57	2.62	2.56	2.85	ppb
Arsenic	75-2	58.04	56.71	57.65	57.46	1.19	ppb
Barium	135-1	790.53	819.09	830.60	813.41	2.54	ppb
Barium	137-1	835.91	852.51	877.48	855.30	2.45	ppb
Beryllium	9-1	3.87	3.92	3.84	3.88	1.12	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	61.60	66.50	66.54	64.88	4.38	ppb
Boron	11-1	63.89	65.23	68.32	65.81	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	12.43	12.94	12.92	12.77	2.25	ppb
Cadmium	106-1	12.00	11.71	9.82	11.18	10.61	ppb
Cadmium	108-1	11.00	12.08	12.37	11.81	6.10	ppb
Calcium	43-1	103577.37	98511.96	97868.47	99985.93	3.13	ppb
Calcium	44-1	97571.56	94541.65	97275.70	96462.97	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.60	38.78	38.31	38.56	0.62	ppb
Cobalt	59-2	28.15	28.93	28.29	28.46	1.46	ppb
Copper	63-2	271.58	270.36	270.04	270.66	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	59934.02	59441.77	59266.54	59547.44	0.58	ppb
Iron	56-2	61140.99	61257.24	58282.72	60226.98	2.80	ppb
Iron	57-2	60675.73	62224.58	60311.46	61070.59	1.66	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-14	Instrumnet Name :	P8
Client Sample ID :	MH1FD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:33:43	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1175.75	1124.33	1155.32	1151.80	2.25	ppb
Lead	207-1	1170.81	1118.12	1145.65	1144.86	2.30	ppb
Lead	208-1	1148.76	1125.56	1154.77	1143.03	1.35	ppb
Lithium	6-1				103		%
Magnesium	24-2	11813.35	11599.05	11779.61	11730.67	0.98	ppb
Manganese	55-2	2495.60	2466.37	2414.60	2458.85	1.67	ppb
Molybdenum	94-1	10.17	10.17	10.88	10.40	3.96	ppb
Molybdenum	95-1	4.30	4.18	4.27	4.25	1.37	ppb
Molybdenum	96-1	5.27	5.33	5.37	5.32	0.97	ppb
Molybdenum	97-1	4.10	4.31	4.55	4.32	5.25	ppb
Molybdenum	98-1	4.27	4.27	4.24	4.26	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.72	66.57	66.08	66.46	0.50	ppb
Phosphorus	31-2	5488.89	5768.52	5743.56	5666.99	2.73	ppb
Potassium	39-2	8483.51	8370.16	8387.64	8413.77	0.73	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				90		%
Selenium	82-1	3.01	2.73	3.12	2.95	6.94	ppb
Selenium	77-2	52.17	62.07	52.07	55.44	10.36	ppb
Selenium	78-2	8.32	10.96	10.26	9.85	13.87	ppb
Silicon	28-1	1640.79	1677.14	1605.02	1640.98	2.20	ppb
Silver	107-1	4.35	4.59	4.63	4.52	3.30	ppb
Silver	109-1	4.58	4.51	4.69	4.59	1.94	ppb
Sodium	23-2	1350.61	1327.90	1377.38	1351.96	1.83	ppb
Strontium	86-1	459.76	458.06	464.56	460.80	0.73	ppb
Strontium	88-1	440.65	451.93	445.03	445.87	1.28	ppb
Sulfur	34-1	519.20	-103.59	-52.80	120.94	285.97	ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	0.98	0.87	1.04	0.96	8.63	ppb
Thallium	205-1	1.05	0.99	0.99	1.01	3.44	ppb
Tin	118-1	84.58	87.74	92.07	88.13	4.27	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-14	Instrumnet Name :	P8
Client Sample ID :	MH1FD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:33:43	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	337.07	327.43	319.94	328.15	2.62	ppb
Uranium	238-1	4.79	4.76	5.01	4.85	2.85	ppb
Vanadium	51-2	101.71	102.05	101.60	101.79	0.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				103		%
Zinc	66-2	1816.85	1806.53	1784.39	1802.59	0.92	ppb
Zirconium	90-1	3.53	3.48	3.57	3.53	1.22	ppb
Zirconium	91-1	3.63	3.52	3.58	3.58	1.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-15	Instrumnet Name :	P8
Client Sample ID :	MH1FD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:36:36	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27681.20	27026.27	25891.38	26866.28	3.37	ppb
Antimony	121-1	1.80	1.80	1.83	1.81	1.03	ppb
Arsenic	75-2	40.20	41.92	41.71	41.27	2.28	ppb
Barium	135-1	681.15	653.71	676.32	670.39	2.18	ppb
Barium	137-1	704.47	681.63	692.76	692.95	1.65	ppb
Beryllium	9-1	2.88	2.97	3.12	2.99	4.01	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	36.35	39.46	44.62	40.14	10.40	ppb
Boron	11-1	37.73	40.08	44.13	40.65	7.96	ppb
Bromine	81-1						cps
Cadmium	111-1	8.53	8.56	8.48	8.52	0.48	ppb
Cadmium	106-1	5.72	7.73	6.03	6.49	16.68	ppb
Cadmium	108-1	7.87	7.78	7.63	7.76	1.57	ppb
Calcium	43-1	79815.73	80341.20	81529.04	80561.99	1.09	ppb
Calcium	44-1	80253.70	79578.98	80686.10	80172.92	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.92	34.65	34.22	34.60	1.02	ppb
Cobalt	59-2	25.25	25.94	25.85	25.68	1.46	ppb
Copper	63-2	251.10	250.08	250.97	250.72	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				114		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				94		%
Iron	54-2	55055.59	51734.68	53449.84	53413.37	3.11	ppb
Iron	56-2	53625.89	53600.00	52999.47	53408.45	0.66	ppb
Iron	57-2	54262.80	55244.85	53307.51	54271.72	1.78	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-15	Instrumnet Name :	P8
Client Sample ID :	MH1FD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:36:36	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	569.27	546.08	557.28	557.54	2.08	ppb
Lead	207-1	565.09	554.16	557.62	558.96	1.00	ppb
Lead	208-1	566.71	552.45	558.57	559.24	1.28	ppb
Lithium	6-1				108		%
Magnesium	24-2	12436.07	12492.68	11934.12	12287.62	2.50	ppb
Manganese	55-2	1814.64	1760.16	1762.40	1779.07	1.73	ppb
Molybdenum	94-1	7.58	7.51	7.77	7.62	1.75	ppb
Molybdenum	95-1	4.17	4.11	4.18	4.15	0.86	ppb
Molybdenum	96-1	4.88	4.96	4.93	4.92	0.79	ppb
Molybdenum	97-1	4.09	4.35	4.20	4.21	3.13	ppb
Molybdenum	98-1	4.19	4.05	4.07	4.10	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.62	81.19	82.93	82.58	1.51	ppb
Phosphorus	31-2	3925.57	3802.05	3798.38	3842.00	1.88	ppb
Potassium	39-2	8714.98	8644.80	8635.79	8665.19	0.50	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				90		%
Selenium	82-1	2.99	2.88	2.63	2.83	6.55	ppb
Selenium	77-2	57.52	59.88	54.04	57.15	5.14	ppb
Selenium	78-2	7.86	9.27	9.62	8.92	10.44	ppb
Silicon	28-1	1578.96	1587.49	1612.60	1593.02	1.10	ppb
Silver	107-1	3.02	2.99	3.01	3.01	0.50	ppb
Silver	109-1	3.02	3.01	3.06	3.03	0.75	ppb
Sodium	23-2	858.26	891.44	868.05	872.58	1.95	ppb
Strontium	86-1	301.21	299.40	308.22	302.94	1.54	ppb
Strontium	88-1	302.41	305.33	305.43	304.39	0.56	ppb
Sulfur	34-1	-775.54	-1011.75	-757.93	-848.41		ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.90	0.87	0.91	0.89	2.06	ppb
Thallium	205-1	0.98	0.91	0.92	0.94	3.82	ppb
Tin	118-1	49.07	50.17	49.65	49.63	1.12	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-15	Instrumnet Name :	P8
Client Sample ID :	MH1FD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:36:36	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	198.45	199.47	202.74	200.22	1.12	ppb
Uranium	238-1	3.75	3.65	3.58	3.66	2.36	ppb
Vanadium	51-2	106.91	105.27	106.36	106.18	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				102		%
Zinc	66-2	984.71	973.19	987.06	981.65	0.76	ppb
Zirconium	90-1	2.21	2.17	2.30	2.23	2.96	ppb
Zirconium	91-1	2.26	2.22	2.44	2.30	5.07	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-16	Instrumnet Name :	P8
Client Sample ID :	MH1FD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:39:31	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29059.08	29667.09	28484.96	29070.38	2.03	ppb
Antimony	121-1	2.54	2.53	2.53	2.54	0.37	ppb
Arsenic	75-2	37.14	38.29	38.66	38.03	2.08	ppb
Barium	135-1	762.93	778.83	764.83	768.86	1.13	ppb
Barium	137-1	797.44	797.05	821.33	805.27	1.73	ppb
Beryllium	9-1	3.13	3.26	3.26	3.22	2.33	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	38.83	37.65	42.85	39.78	6.86	ppb
Boron	11-1	38.57	41.06	42.55	40.73	4.93	ppb
Bromine	81-1						cps
Cadmium	111-1	15.05	15.28	15.16	15.17	0.76	ppb
Cadmium	106-1	11.57	14.50	13.97	13.35	11.72	ppb
Cadmium	108-1	15.15	14.71	15.08	14.98	1.58	ppb
Calcium	43-1	93314.20	88521.80	92846.27	91560.76	2.89	ppb
Calcium	44-1	89175.23	88363.18	89685.43	89074.62	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.13	56.49	56.47	56.70	0.66	ppb
Cobalt	59-2	26.66	26.26	25.75	26.22	1.74	ppb
Copper	63-2	226.02	223.81	221.78	223.87	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				94		%
Iron	54-2	64681.31	64859.55	66520.50	65353.79	1.55	ppb
Iron	56-2	64948.28	65087.51	66663.28	65566.36	1.45	ppb
Iron	57-2	65941.89	67291.99	66589.21	66607.70	1.01	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-16	Instrumnet Name :	P8
Client Sample ID :	MH1FD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:39:31	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1040.33	1008.94	1037.60	1028.96	1.69	ppb
Lead	207-1	1000.71	953.72	1025.72	993.38	3.68	ppb
Lead	208-1	1007.87	962.97	1015.63	995.49	2.86	ppb
Lithium	6-1				108		%
Magnesium	24-2	15388.06	14843.23	15074.66	15101.99	1.81	ppb
Manganese	55-2	2158.89	2188.29	2159.89	2169.02	0.77	ppb
Molybdenum	94-1	9.42	9.77	9.62	9.60	1.81	ppb
Molybdenum	95-1	4.24	4.52	4.35	4.37	3.21	ppb
Molybdenum	96-1	5.09	5.55	5.24	5.29	4.37	ppb
Molybdenum	97-1	4.27	4.53	4.21	4.34	3.95	ppb
Molybdenum	98-1	4.25	4.47	4.26	4.33	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.88	62.74	64.00	63.54	1.09	ppb
Phosphorus	31-2	9425.32	9436.22	9041.46	9301.00	2.42	ppb
Potassium	39-2	13439.19	13366.64	13495.00	13433.61	0.48	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				89		%
Selenium	82-1	4.12	3.03	3.35	3.50	15.94	ppb
Selenium	77-2	60.77	50.47	63.82	58.35	11.99	ppb
Selenium	78-2	11.62	12.51	11.83	11.98	3.88	ppb
Silicon	28-1	2013.47	1823.86	1810.77	1882.70	6.03	ppb
Silver	107-1	3.83	3.91	3.91	3.88	1.11	ppb
Silver	109-1	4.21	4.05	4.00	4.09	2.76	ppb
Sodium	23-2	1180.00	1158.30	1170.53	1169.61	0.93	ppb
Strontium	86-1	335.58	360.44	341.78	345.93	3.74	ppb
Strontium	88-1	346.75	356.17	344.49	349.14	1.77	ppb
Sulfur	34-1	456.82	646.67	563.61	555.70	17.13	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.81	0.74	0.72	0.76	6.79	ppb
Thallium	205-1	0.83	0.77	0.77	0.79	4.15	ppb
Tin	118-1	22.81	22.77	22.28	22.62	1.31	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-16	Instrumnet Name :	P8
Client Sample ID :	MH1FD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:39:31	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	322.64	326.37	327.76	325.59	0.81	ppb
Uranium	238-1	6.50	6.17	6.35	6.34	2.67	ppb
Vanadium	51-2	108.00	106.45	106.52	106.99	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				103		%
Zinc	66-2	2918.56	2921.02	2924.58	2921.39	0.10	ppb
Zirconium	90-1	3.13	3.18	3.20	3.17	1.25	ppb
Zirconium	91-1	2.95	3.17	3.04	3.06	3.67	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-17	Instrumnet Name :	P8
Client Sample ID :	MH1FD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:42:24	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28952.87	29397.86	29255.28	29202.00	0.78	ppb
Antimony	121-1	2.50	2.43	2.39	2.44	2.31	ppb
Arsenic	75-2	53.35	53.54	52.23	53.04	1.33	ppb
Barium	135-1	863.07	841.05	825.62	843.25	2.23	ppb
Barium	137-1	882.92	848.44	848.87	860.08	2.30	ppb
Beryllium	9-1	3.36	3.45	3.54	3.45	2.61	ppb
Bismuth	209-1				117		%
Bismuth	209-2				106		%
Boron	10-1	46.28	46.35	50.80	47.81	5.41	ppb
Boron	11-1	46.52	48.79	50.29	48.54	3.92	ppb
Bromine	81-1						cps
Cadmium	111-1	12.95	12.81	13.38	13.05	2.25	ppb
Cadmium	106-1	14.36	11.72	12.36	12.81	10.76	ppb
Cadmium	108-1	13.63	11.20	12.90	12.58	9.91	ppb
Calcium	43-1	110958.06	110732.53	112123.14	111271.24	0.67	ppb
Calcium	44-1	111589.13	110932.79	111582.23	111368.05	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.10	47.16	48.30	47.86	1.28	ppb
Cobalt	59-2	27.86	28.11	28.02	28.00	0.45	ppb
Copper	63-2	232.34	229.95	227.73	230.00	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				94		%
Iron	54-2	60525.96	60086.36	60393.35	60335.22	0.37	ppb
Iron	56-2	59743.54	60391.06	58558.31	59564.30	1.56	ppb
Iron	57-2	60679.84	62058.67	59864.65	60867.72	1.82	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-17	Instrumnet Name :	P8
Client Sample ID :	MH1FD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:42:24	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	982.12	997.86	1003.03	994.34	1.10	ppb
Lead	207-1	977.51	946.42	963.03	962.32	1.62	ppb
Lead	208-1	985.23	980.09	971.76	979.03	0.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	13523.31	13758.18	13873.57	13718.35	1.30	ppb
Manganese	55-2	2287.80	2283.40	2212.52	2261.24	1.87	ppb
Molybdenum	94-1	8.48	8.97	9.04	8.83	3.44	ppb
Molybdenum	95-1	4.05	4.26	4.19	4.16	2.64	ppb
Molybdenum	96-1	5.00	5.16	5.09	5.08	1.56	ppb
Molybdenum	97-1	4.20	4.19	4.41	4.27	2.94	ppb
Molybdenum	98-1	4.23	4.18	4.30	4.24	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.66	79.13	79.44	79.08	0.50	ppb
Phosphorus	31-2	7008.54	7101.21	7021.23	7043.66	0.71	ppb
Potassium	39-2	9079.68	9060.46	9159.58	9099.91	0.58	ppb
Rhodium	103-1				107		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				89		%
Selenium	82-1	4.28	3.54	4.17	4.00	9.91	ppb
Selenium	77-2	45.09	54.38	50.22	49.89	9.32	ppb
Selenium	78-2	11.38	11.17	10.83	11.13	2.51	ppb
Silicon	28-1	1642.50	1592.74	1613.10	1616.12	1.55	ppb
Silver	107-1	3.54	3.51	3.55	3.54	0.61	ppb
Silver	109-1	3.81	3.67	3.66	3.71	2.32	ppb
Sodium	23-2	1016.58	999.98	1029.48	1015.35	1.46	ppb
Strontium	86-1	424.27	438.91	430.49	431.22	1.70	ppb
Strontium	88-1	421.22	443.91	430.46	431.86	2.64	ppb
Sulfur	34-1	208.41	-123.30	-0.86	28.08	597.27	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	1.01	0.96	0.97	0.98	2.31	ppb
Thallium	205-1	0.96	0.98	1.00	0.98	1.97	ppb
Tin	118-1	37.05	37.38	36.78	37.07	0.81	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-17	Instrumnet Name :	P8
Client Sample ID :	MH1FD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:42:24	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	313.28	299.03	309.42	307.24	2.40	ppb
Uranium	238-1	5.76	5.58	5.62	5.65	1.66	ppb
Vanadium	51-2	104.40	106.58	106.10	105.69	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				102		%
Zinc	66-2	2242.98	2229.84	2243.21	2238.68	0.34	ppb
Zirconium	90-1	2.86	2.71	2.83	2.80	2.91	ppb
Zirconium	91-1	2.95	2.70	2.85	2.83	4.49	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-18	Instrumnet Name :	P8
Client Sample ID :	MH1FD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:45:19	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31225.61	28487.08	27227.86	28980.18	7.05	ppb
Antimony	121-1	2.52	2.73	2.63	2.63	3.92	ppb
Arsenic	75-2	60.79	55.89	54.28	56.99	5.95	ppb
Barium	135-1	740.04	748.23	772.37	753.55	2.23	ppb
Barium	137-1	775.19	741.11	791.59	769.30	3.35	ppb
Beryllium	9-1	3.22	3.17	3.47	3.29	4.87	ppb
Bismuth	209-1				115		%
Bismuth	209-2				98		%
Boron	10-1	42.09	42.79	48.96	44.61	8.47	ppb
Boron	11-1	40.78	43.08	48.89	44.25	9.45	ppb
Bromine	81-1						cps
Cadmium	111-1	11.46	11.68	12.15	11.76	2.96	ppb
Cadmium	106-1	8.83	10.55	11.24	10.21	12.19	ppb
Cadmium	108-1	10.87	10.87	11.01	10.92	0.71	ppb
Calcium	43-1	99856.45	98005.86	95024.07	97628.79	2.50	ppb
Calcium	44-1	95641.00	96307.80	94415.95	95454.92	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.61	37.96	36.93	38.16	3.54	ppb
Cobalt	59-2	30.11	27.84	27.04	28.33	5.61	ppb
Copper	63-2	250.15	235.00	226.77	237.31	5.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				89		%
Iron	54-2	61768.64	58952.02	56085.02	58935.23	4.82	ppb
Iron	56-2	61962.95	57024.74	55378.75	58122.15	5.90	ppb
Iron	57-2	63848.75	57805.39	56145.73	59266.62	6.84	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-18	Instrumnet Name :	P8
Client Sample ID :	MH1FD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:45:19	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	906.82	893.81	898.88	899.83	0.73	ppb
Lead	207-1	899.92	875.61	882.09	885.87	1.42	ppb
Lead	208-1	887.72	873.66	887.67	883.02	0.92	ppb
Lithium	6-1				109		%
Magnesium	24-2	13486.31	12562.52	11482.35	12510.39	8.02	ppb
Manganese	55-2	2497.36	2321.97	2291.35	2370.23	4.69	ppb
Molybdenum	94-1	8.73	8.63	8.92	8.76	1.70	ppb
Molybdenum	95-1	3.63	3.59	3.84	3.68	3.59	ppb
Molybdenum	96-1	4.72	4.60	4.62	4.65	1.41	ppb
Molybdenum	97-1	3.71	3.58	3.87	3.72	3.86	ppb
Molybdenum	98-1	3.69	3.56	3.67	3.64	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.73	66.72	65.44	68.30	5.70	ppb
Phosphorus	31-2	5314.10	5099.81	5205.47	5206.46	2.06	ppb
Potassium	39-2	8629.32	7906.99	7857.08	8131.13	5.31	ppb
Rhodium	103-1				105		%
Rhodium	103-2				92		%
Scandium	45-1				107		%
Scandium	45-2				84		%
Selenium	82-1	2.88	3.62	2.91	3.14	13.35	ppb
Selenium	77-2	68.06	50.45	51.88	56.79	17.22	ppb
Selenium	78-2	13.09	9.53	9.54	10.72	19.15	ppb
Silicon	28-1	1588.91	1479.49	1569.33	1545.91	3.77	ppb
Silver	107-1	3.85	3.71	3.95	3.84	3.14	ppb
Silver	109-1	3.80	3.86	4.14	3.94	4.55	ppb
Sodium	23-2	1153.36	1093.85	1030.51	1092.57	5.62	ppb
Strontium	86-1	377.01	371.87	385.09	377.99	1.76	ppb
Strontium	88-1	374.15	386.70	385.56	382.14	1.82	ppb
Sulfur	34-1	-64.33	-648.16	-509.81	-407.43		ppb
Terbium	159-1				115		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.98	0.96	0.97	1.16	ppb
Thallium	205-1	0.97	1.01	0.97	0.98	2.80	ppb
Tin	118-1	34.39	32.91	36.37	34.56	5.02	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-18	Instrumnet Name :	P8
Client Sample ID :	MH1FD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:45:19	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	283.40	268.80	278.44	276.88	2.68	ppb
Uranium	238-1	4.23	4.19	4.20	4.21	0.45	ppb
Vanadium	51-2	113.79	105.32	102.34	107.15	5.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				97		%
Zinc	66-2	1885.80	1763.67	1710.60	1786.69	5.03	ppb
Zirconium	90-1	2.93	3.02	2.98	2.98	1.60	ppb
Zirconium	91-1	2.97	2.87	2.91	2.92	1.75	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-19	Instrumnet Name :	P8
Client Sample ID :	MH1FD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:48:13	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23320.37	22961.56	27863.55	24715.16	11.06	ppb
Antimony	121-1	1.70	1.82	1.69	1.74	4.39	ppb
Arsenic	75-2	44.97	40.48	50.14	45.20	10.70	ppb
Barium	135-1	579.76	590.43	592.90	587.70	1.19	ppb
Barium	137-1	602.56	615.09	607.24	608.30	1.04	ppb
Beryllium	9-1	2.61	2.46	2.53	2.53	2.82	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	10-1	27.20	28.40	29.75	28.45	4.50	ppb
Boron	11-1	28.30	28.19	30.54	29.01	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	7.43	7.82	7.75	7.67	2.69	ppb
Cadmium	106-1	5.34	7.35	6.94	6.54	16.20	ppb
Cadmium	108-1	6.55	5.89	6.70	6.38	6.73	ppb
Calcium	43-1	65368.68	67224.08	67784.11	66792.29	1.89	ppb
Calcium	44-1	66179.64	64240.65	68234.88	66218.39	3.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.46	29.58	36.74	32.59	11.39	ppb
Cobalt	59-2	22.96	21.87	26.90	23.91	11.07	ppb
Copper	63-2	140.58	136.44	168.31	148.45	11.67	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				116		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				90		%
Iron	54-2	46035.94	43940.26	55767.23	48581.14	12.99	ppb
Iron	56-2	46048.69	44347.62	54908.88	48435.06	11.71	ppb
Iron	57-2	46697.96	44729.57	56029.00	49152.17	12.28	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-19	Instrumnet Name :	P8
Client Sample ID :	MH1FD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:48:13	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	446.74	475.61	489.11	470.49	4.60	ppb
Lead	207-1	420.24	446.33	485.09	450.55	7.24	ppb
Lead	208-1	454.14	455.83	486.16	465.37	3.87	ppb
Lithium	6-1				110		%
Magnesium	24-2	11324.58	11006.16	14206.96	12179.24	14.48	ppb
Manganese	55-2	1559.11	1505.53	1872.79	1645.81	12.05	ppb
Molybdenum	94-1	7.08	7.02	6.53	6.88	4.36	ppb
Molybdenum	95-1	3.99	3.72	3.65	3.79	4.77	ppb
Molybdenum	96-1	4.28	4.35	4.41	4.34	1.53	ppb
Molybdenum	97-1	3.75	3.87	3.59	3.74	3.79	ppb
Molybdenum	98-1	3.68	3.76	3.65	3.69	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.01	63.91	79.84	70.26	12.02	ppb
Phosphorus	31-2	3316.18	3388.38	4198.49	3634.35	13.48	ppb
Potassium	39-2	7923.29	7720.48	9324.22	8322.67	10.49	ppb
Rhodium	103-1				106		%
Rhodium	103-2				93		%
Scandium	45-1				107		%
Scandium	45-2				85		%
Selenium	82-1	2.32	2.89	3.26	2.82	16.78	ppb
Selenium	77-2	53.54	45.91	67.72	55.72	19.86	ppb
Selenium	78-2	9.53	9.93	11.91	10.46	12.19	ppb
Silicon	28-1	1480.83	1378.91	1473.66	1444.47	3.94	ppb
Silver	107-1	2.48	2.50	2.57	2.52	1.92	ppb
Silver	109-1	2.58	2.68	2.54	2.60	2.76	ppb
Sodium	23-2	695.26	675.19	835.65	735.37	11.89	ppb
Strontium	86-1	266.09	255.07	251.57	257.58	2.94	ppb
Strontium	88-1	259.23	256.54	258.07	257.94	0.52	ppb
Sulfur	34-1	-713.40	-1123.48	-372.91	-736.60		ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.78	0.81	0.88	0.82	6.39	ppb
Thallium	205-1	0.83	0.88	0.90	0.87	4.12	ppb
Tin	118-1	15.27	15.15	15.75	15.39	2.08	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-19	Instrumnet Name :	P8
Client Sample ID :	MH1FD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:48:13	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	165.54	164.70	167.99	166.08	1.03	ppb
Uranium	238-1	3.19	3.23	3.37	3.27	2.90	ppb
Vanadium	51-2	99.06	97.60	119.78	105.48	11.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				94		%
Zinc	66-2	745.63	706.10	880.39	777.37	11.75	ppb
Zirconium	90-1	1.90	1.87	1.94	1.91	1.90	ppb
Zirconium	91-1	2.05	1.91	2.09	2.01	4.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:51:08	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19358.69	19644.71	19016.27	19339.89	1.63	ppb
Antimony	121-1	2.35	2.36	2.30	2.34	1.47	ppb
Arsenic	75-2	30.75	31.12	31.44	31.10	1.11	ppb
Barium	135-1	507.89	511.21	509.14	509.41	0.33	ppb
Barium	137-1	510.71	529.09	517.96	519.26	1.78	ppb
Beryllium	9-1	2.27	2.38	2.44	2.36	3.74	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Boron	10-1	29.48	33.84	35.08	32.80	8.96	ppb
Boron	11-1	29.71	32.35	34.89	32.32	8.01	ppb
Bromine	81-1						cps
Cadmium	111-1	13.18	13.53	13.50	13.40	1.44	ppb
Cadmium	106-1	10.79	6.49	11.16	9.48	27.41	ppb
Cadmium	108-1	11.72	12.20	12.67	12.20	3.90	ppb
Calcium	43-1	73816.50	73527.82	77595.55	74979.96	3.03	ppb
Calcium	44-1	71507.43	71239.50	74204.32	72317.08	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.27	42.77	41.72	42.25	1.24	ppb
Cobalt	59-2	22.05	22.28	21.61	21.98	1.54	ppb
Copper	63-2	257.18	263.19	249.89	256.75	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				92		%
Iron	54-2	54186.25	55237.16	55157.54	54860.32	1.07	ppb
Iron	56-2	55167.91	56976.08	54698.62	55614.20	2.16	ppb
Iron	57-2	54946.04	56941.66	56541.02	56142.91	1.88	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:51:08	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1026.04	1037.03	1030.10	1031.06	0.54	ppb
Lead	207-1	1022.79	1018.89	1041.64	1027.77	1.18	ppb
Lead	208-1	1001.61	1022.76	1038.03	1020.80	1.79	ppb
Lithium	6-1				105		%
Magnesium	24-2	15505.89	16133.75	15338.99	15659.54	2.68	ppb
Manganese	55-2	2465.66	2559.13	2500.08	2508.29	1.88	ppb
Molybdenum	94-1	6.80	6.64	6.74	6.73	1.22	ppb
Molybdenum	95-1	3.72	3.67	3.53	3.64	2.70	ppb
Molybdenum	96-1	4.53	4.55	4.56	4.55	0.29	ppb
Molybdenum	97-1	3.81	3.80	3.84	3.82	0.45	ppb
Molybdenum	98-1	3.78	3.76	3.86	3.80	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.56	61.04	61.19	61.26	0.44	ppb
Phosphorus	31-2	3497.80	3920.15	3457.22	3625.06	7.07	ppb
Potassium	39-2	7012.91	7056.27	6861.41	6976.87	1.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				87		%
Selenium	82-1	3.04	2.53	2.28	2.62	14.74	ppb
Selenium	77-2	47.07	37.39	38.64	41.04	12.83	ppb
Selenium	78-2	6.24	8.21	5.98	6.81	17.88	ppb
Silicon	28-1	1506.34	1407.92	1475.95	1463.41	3.44	ppb
Silver	107-1	4.10	4.16	4.04	4.10	1.41	ppb
Silver	109-1	3.99	4.25	4.38	4.21	4.68	ppb
Sodium	23-2	427.73	423.60	414.23	421.86	1.64	ppb
Strontium	86-1	254.49	261.95	260.03	258.83	1.50	ppb
Strontium	88-1	258.29	260.07	261.31	259.89	0.58	ppb
Sulfur	34-1	-102.50	-885.96	-312.27	-433.58		ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	0.79	0.85	0.81	0.82	4.17	ppb
Thallium	205-1	0.80	0.81	0.83	0.81	1.71	ppb
Tin	118-1	14.98	15.58	15.47	15.35	2.08	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:51:08	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	215.06	211.16	219.87	215.36	2.02	ppb
Uranium	238-1	3.11	3.18	3.16	3.15	1.10	ppb
Vanadium	51-2	81.56	81.28	79.32	80.72	1.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				98		%
Zinc	66-2	2188.66	2189.63	2120.23	2166.17	1.84	ppb
Zirconium	90-1	1.94	1.96	1.94	1.95	0.55	ppb
Zirconium	91-1	1.99	1.80	1.85	1.88	5.13	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN1D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:54:01	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20171.57	20489.93	20348.03	20336.51	0.78	ppb
Antimony	121-1	2.35	2.29	2.30	2.32	1.39	ppb
Arsenic	75-2	32.71	32.15	31.89	32.25	1.30	ppb
Barium	135-1	506.00	522.40	524.91	517.77	1.98	ppb
Barium	137-1	519.56	522.25	516.13	519.31	0.59	ppb
Beryllium	9-1	2.41	2.51	2.43	2.45	2.07	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Boron	10-1	29.51	32.82	32.39	31.57	5.69	ppb
Boron	11-1	29.72	33.42	33.04	32.06	6.34	ppb
Bromine	81-1						cps
Cadmium	111-1	13.71	13.14	13.45	13.43	2.11	ppb
Cadmium	106-1	12.20	10.78	9.08	10.68	14.63	ppb
Cadmium	108-1	12.80	12.35	12.06	12.40	2.99	ppb
Calcium	43-1	77555.53	80355.87	74425.72	77445.71	3.83	ppb
Calcium	44-1	77542.16	76871.21	75363.79	76592.39	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.13	45.72	44.73	44.86	1.78	ppb
Cobalt	59-2	23.82	24.08	24.02	23.97	0.58	ppb
Copper	63-2	270.57	275.66	271.27	272.50	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				113		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	54-2	57910.89	59468.52	57955.25	58444.89	1.52	ppb
Iron	56-2	58022.30	57584.42	57698.75	57768.49	0.39	ppb
Iron	57-2	58028.70	60311.99	58293.95	58878.22	2.12	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN1D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:54:01	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1021.73	1015.03	1097.61	1044.79	4.39	ppb
Lead	207-1	1031.20	1017.45	1086.02	1044.89	3.47	ppb
Lead	208-1	1030.66	1014.23	1072.58	1039.16	2.90	ppb
Lithium	6-1				107		%
Magnesium	24-2	16094.31	16173.97	16304.02	16190.77	0.65	ppb
Manganese	55-2	2603.55	2574.77	2582.57	2586.96	0.58	ppb
Molybdenum	94-1	6.61	7.28	6.93	6.94	4.83	ppb
Molybdenum	95-1	3.69	3.88	4.02	3.86	4.39	ppb
Molybdenum	96-1	4.45	4.58	4.52	4.52	1.40	ppb
Molybdenum	97-1	3.85	3.78	3.91	3.84	1.68	ppb
Molybdenum	98-1	3.76	3.79	3.82	3.79	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.91	64.34	62.80	63.68	1.25	ppb
Phosphorus	31-2	3622.59	3795.43	3628.44	3682.16	2.67	ppb
Potassium	39-2	7169.01	7393.41	7222.34	7261.59	1.61	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				86		%
Selenium	82-1	2.32	2.27	3.35	2.64	23.10	ppb
Selenium	77-2	59.93	33.79	50.06	47.93	27.55	ppb
Selenium	78-2	6.52	8.54	6.79	7.28	15.01	ppb
Silicon	28-1	1505.35	1519.85	1448.91	1491.37	2.51	ppb
Silver	107-1	4.16	4.23	4.24	4.21	1.05	ppb
Silver	109-1	4.27	4.34	4.27	4.29	0.90	ppb
Sodium	23-2	420.60	422.20	424.83	422.54	0.51	ppb
Strontium	86-1	264.11	268.60	272.51	268.41	1.57	ppb
Strontium	88-1	258.46	266.39	268.52	264.46	2.00	ppb
Sulfur	34-1	60.58	-209.27	-683.07	-277.25		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.83	0.87	0.82	0.84	3.29	ppb
Thallium	205-1	0.80	0.76	0.86	0.81	6.78	ppb
Tin	118-1	15.79	15.51	15.09	15.46	2.26	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN1D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:54:01	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	224.51	225.30	221.27	223.70	0.96	ppb
Uranium	238-1	3.23	3.29	3.44	3.32	3.32	ppb
Vanadium	51-2	84.08	85.91	84.21	84.73	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	2250.78	2242.99	2281.05	2258.27	0.89	ppb
Zirconium	90-1	1.97	1.94	1.91	1.94	1.51	ppb
Zirconium	91-1	1.77	1.85	1.97	1.87	5.44	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN1L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 17:56:56	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3847.19	4036.01	3887.24	3923.48	2.54	ppb
Antimony	121-1	0.47	0.46	0.48	0.47	3.11	ppb
Arsenic	75-2	6.65	7.14	6.95	6.91	3.58	ppb
Barium	135-1	104.98	97.40	99.96	100.78	3.83	ppb
Barium	137-1	105.90	99.01	105.16	103.36	3.66	ppb
Beryllium	9-1	0.50	0.50	0.44	0.48	6.53	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	13.04	13.03	11.69	12.58	6.16	ppb
Boron	11-1	12.94	13.12	11.82	12.62	5.58	ppb
Bromine	81-1						cps
Cadmium	111-1	2.66	2.45	2.73	2.61	5.50	ppb
Cadmium	106-1	0.67	2.22	-0.26	0.88	142.88	ppb
Cadmium	108-1	3.09	3.05	2.44	2.86	12.63	ppb
Calcium	43-1	15375.13	14658.29	14994.80	15009.41	2.39	ppb
Calcium	44-1	15125.07	14862.06	15459.53	15148.89	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.49	9.00	8.59	8.69	3.08	ppb
Cobalt	59-2	4.32	4.62	4.47	4.47	3.29	ppb
Copper	63-2	52.31	54.62	52.20	53.04	2.57	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				111		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				92		%
Iron	54-2	10865.72	11253.63	10959.76	11026.37	1.84	ppb
Iron	56-2	11179.51	11470.46	11162.44	11270.80	1.54	ppb
Iron	57-2	10736.79	11070.97	10735.63	10847.80	1.78	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN1L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 17:56:56	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	195.74	193.04	192.92	193.90	0.82	ppb
Lead	207-1	193.17	185.53	189.57	189.42	2.02	ppb
Lead	208-1	199.20	196.49	199.50	198.40	0.84	ppb
Lithium	6-1				103		%
Magnesium	24-2	3120.79	3232.54	3079.29	3144.21	2.52	ppb
Manganese	55-2	484.59	513.83	490.05	496.16	3.13	ppb
Molybdenum	94-1	1.34	1.48	1.40	1.41	5.11	ppb
Molybdenum	95-1	0.77	0.82	0.78	0.79	3.91	ppb
Molybdenum	96-1	0.98	0.91	1.00	0.96	4.43	ppb
Molybdenum	97-1	0.75	0.89	0.76	0.80	10.18	ppb
Molybdenum	98-1	0.87	0.82	0.79	0.83	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.54	13.07	12.41	12.67	2.75	ppb
Phosphorus	31-2	716.63	711.08	655.64	694.45	4.86	ppb
Potassium	39-2	1421.40	1476.62	1414.80	1437.61	2.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	82-1	1.59	0.86	1.75	1.40	33.63	ppb
Selenium	77-2	13.16	12.46	10.11	11.91	13.40	ppb
Selenium	78-2	-0.26	-0.86	-0.08	-0.40		ppb
Silicon	28-1	295.59	278.75	289.47	287.94	2.96	ppb
Silver	107-1	0.81	0.79	0.85	0.82	3.58	ppb
Silver	109-1	0.89	0.85	0.87	0.87	2.24	ppb
Sodium	23-2	87.10	91.57	84.77	87.82	3.93	ppb
Strontium	86-1	57.66	53.97	54.78	55.47	3.49	ppb
Strontium	88-1	56.57	54.35	54.84	55.25	2.11	ppb
Sulfur	34-1	-9.11	-814.28	-461.65	-428.35		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.11	0.13	0.13	11.17	ppb
Thallium	205-1	0.13	0.11	0.11	0.11	8.80	ppb
Tin	118-1	3.15	2.89	2.99	3.01	4.40	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN1L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 17:56:56	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	45.59	42.72	45.16	44.49	3.48	ppb
Uranium	238-1	0.67	0.60	0.63	0.64	5.45	ppb
Vanadium	51-2	16.19	16.50	16.25	16.31	0.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	444.37	462.74	447.51	451.54	2.18	ppb
Zirconium	90-1	0.43	0.42	0.43	0.43	0.79	ppb
Zirconium	91-1	0.47	0.41	0.40	0.43	9.21	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN1S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:59:55	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22260.38	21468.59	21409.54	21712.84	2.19	ppb
Antimony	121-1	10.77	10.69	11.42	10.96	3.68	ppb
Arsenic	75-2	42.01	43.23	41.68	42.31	1.93	ppb
Barium	135-1	940.49	941.92	1012.72	965.04	4.28	ppb
Barium	137-1	949.49	970.27	1007.22	975.66	3.00	ppb
Beryllium	9-1	12.58	12.70	12.90	12.73	1.24	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	10-1	28.98	30.15	32.22	30.45	5.39	ppb
Boron	11-1	29.61	30.36	32.27	30.74	4.46	ppb
Bromine	81-1						cps
Cadmium	111-1	24.40	24.84	24.67	24.63	0.90	ppb
Cadmium	106-1	21.02	22.95	19.91	21.30	7.21	ppb
Cadmium	108-1	20.79	22.84	24.43	22.68	8.05	ppb
Calcium	43-1	82262.79	79535.67	80633.95	80810.80	1.70	ppb
Calcium	44-1	81716.75	78412.17	80942.22	80357.05	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.37	90.12	89.02	90.50	1.89	ppb
Cobalt	59-2	132.74	129.46	128.14	130.11	1.82	ppb
Copper	63-2	346.67	337.46	333.05	339.06	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				115		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	54-2	62519.64	61378.34	60772.92	61556.97	1.44	ppb
Iron	56-2	61593.28	61824.59	58972.19	60796.69	2.61	ppb
Iron	57-2	63077.42	63108.42	58617.19	61601.01	4.19	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN1S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:59:55	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1063.19	1034.93	1170.28	1089.47	6.55	ppb
Lead	207-1	1067.36	1023.02	1134.07	1074.82	5.20	ppb
Lead	208-1	1083.41	1040.66	1122.91	1082.33	3.80	ppb
Lithium	6-1				104		%
Magnesium	24-2	17576.28	16955.80	16860.10	17130.73	2.27	ppb
Manganese	55-2	2884.33	2925.36	2807.02	2872.24	2.09	ppb
Molybdenum	94-1	8.05	7.47	8.27	7.93	5.19	ppb
Molybdenum	95-1	3.78	3.73	3.93	3.81	2.66	ppb
Molybdenum	96-1	4.59	4.29	4.69	4.52	4.65	ppb
Molybdenum	97-1	3.78	3.79	3.96	3.84	2.73	ppb
Molybdenum	98-1	3.86	3.64	3.83	3.77	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	178.96	178.53	172.80	176.76	1.95	ppb
Phosphorus	31-2	4048.57	3762.41	3938.11	3916.37	3.68	ppb
Potassium	39-2	7919.86	7595.88	7568.43	7694.73	2.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				86		%
Selenium	82-1	14.50	14.79	15.45	14.91	3.26	ppb
Selenium	77-2	52.01	62.54	53.96	56.17	9.98	ppb
Selenium	78-2	19.79	19.30	20.33	19.81	2.62	ppb
Silicon	28-1	1890.27	1822.45	1913.70	1875.47	2.53	ppb
Silver	107-1	16.12	16.75	17.90	16.92	5.30	ppb
Silver	109-1	17.00	16.43	18.06	17.16	4.83	ppb
Sodium	23-2	456.30	461.77	450.49	456.19	1.24	ppb
Strontium	86-1	280.38	282.35	296.24	286.32	3.02	ppb
Strontium	88-1	277.86	284.99	295.90	286.25	3.18	ppb
Sulfur	34-1	-48.68	-520.86	-137.14	-235.56		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	9.69	9.73	10.19	9.87	2.83	ppb
Thallium	205-1	10.03	9.55	10.39	9.99	4.23	ppb
Tin	118-1	21.25	21.74	21.96	21.65	1.67	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN1S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:59:55	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	235.10	230.52	240.86	235.49	2.20	ppb
Uranium	238-1	3.71	3.52	3.63	3.62	2.59	ppb
Vanadium	51-2	193.26	187.37	187.73	189.45	1.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	2596.03	2558.38	2505.23	2553.21	1.79	ppb
Zirconium	90-1	2.52	2.29	2.45	2.42	4.78	ppb
Zirconium	91-1	2.43	2.34	2.42	2.40	2.10	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BL	Instrumnet Name :	P8
Client Sample ID :	PBS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:05:43	DataFile Name :	135CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.19	1.72	1.78	1.57	20.90	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	-0.02	-0.04	-0.02		ppb
Barium	135-1	0.13	0.08	0.08	0.10	24.50	ppb
Barium	137-1	0.11	0.06	0.05	0.08	41.32	ppb
Beryllium	9-1	-0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	4.70	3.79	4.39	4.29	10.77	ppb
Boron	11-1	4.56	4.10	4.19	4.28	5.75	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.03	-0.04	-0.04		ppb
Cadmium	106-1	-3.94	-2.88	-1.73	-2.85		ppb
Cadmium	108-1	-0.06	-0.13	0.09	-0.03		ppb
Calcium	43-1	11.65	8.59	7.66	9.30	22.41	ppb
Calcium	44-1	-4.51	-8.11	-9.07	-7.23		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.02	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	162.77	ppb
Copper	63-2	0.14	0.13	0.09	0.12	20.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	54-2	3.91	3.06	3.84	3.60	13.15	ppb
Iron	56-2	4.01	4.20	2.75	3.65	21.52	ppb
Iron	57-2	5.22	5.45	2.86	4.51	31.74	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BL	Instrumnet Name :	P8
Client Sample ID :	PBS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:05:43	DataFile Name :	135CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.11	4.64	ppb
Lead	207-1	0.11	0.12	0.15	0.13	13.87	ppb
Lead	208-1	0.15	0.11	0.12	0.13	16.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.25	1.33	1.25	1.27	3.82	ppb
Manganese	55-2	0.16	0.18	0.14	0.16	12.71	ppb
Molybdenum	94-1	-0.02	-0.03	0.00	-0.02		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.02	0.00	0.00	0.01	85.67	ppb
Molybdenum	97-1	0.00	0.02	-0.01	0.01	226.99	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	7839.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	-0.06	-0.03		ppb
Phosphorus	31-2	-15.12	-29.94	-51.38	-32.15		ppb
Potassium	39-2	-6.17	-2.49	4.36	-1.43		ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				83		%
Selenium	82-1	1.33	0.13	0.23	0.56	117.51	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.52	-1.32	0.20	-0.88		ppb
Silicon	28-1	-23.83	-25.31	-23.35	-24.17		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	-4.50	-4.44	-4.09	-4.34		ppb
Strontium	86-1	0.09	0.04	0.06	0.07	36.54	ppb
Strontium	88-1	0.07	0.04	0.04	0.05	27.83	ppb
Sulfur	34-1	-1398.56	-1401.24	-1184.84	-1328.21		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	-0.08	-0.08	-0.08	-0.08		ppb
Thallium	205-1	-0.07	-0.07	-0.08	-0.08		ppb
Tin	118-1	-0.15	-0.12	-0.10	-0.13		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BL	Instrumnet Name :	P8
Client Sample ID :	PBS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:05:43	DataFile Name :	135CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.06	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	77.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				88		%
Zinc	66-2	0.22	0.04	0.11	0.12	72.12	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.01	-0.01	0.02	0.01	163.90	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BS	Instrumnet Name :	P8
Client Sample ID :	LCS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:08:49	DataFile Name :	136LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.00	36.04	37.22	37.09	2.66	ppb
Antimony	121-1	3.67	3.65	3.63	3.65	0.53	ppb
Arsenic	75-2	1.99	2.04	1.89	1.97	4.00	ppb
Barium	135-1	17.97	18.43	19.49	18.63	4.19	ppb
Barium	137-1	18.96	17.90	19.04	18.63	3.40	ppb
Beryllium	9-1	1.98	2.04	2.19	2.07	5.07	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	41.48	46.44	50.04	45.99	9.34	ppb
Boron	11-1	40.84	46.74	50.35	45.98	10.44	ppb
Bromine	81-1						cps
Cadmium	111-1	2.04	1.87	2.17	2.03	7.26	ppb
Cadmium	106-1	1.91	-0.58	2.22	1.18	129.88	ppb
Cadmium	108-1	1.42	1.70	1.52	1.55	9.02	ppb
Calcium	43-1	938.94	964.50	950.27	951.23	1.35	ppb
Calcium	44-1	919.03	954.19	960.56	944.60	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.85	3.99	3.70	3.85	3.68	ppb
Cobalt	59-2	1.96	2.00	1.99	1.98	1.20	ppb
Copper	63-2	3.97	4.06	4.09	4.04	1.56	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				110		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				92		%
Iron	54-2	449.25	454.66	431.08	445.00	2.78	ppb
Iron	56-2	438.88	441.62	422.52	434.34	2.38	ppb
Iron	57-2	432.43	434.75	418.81	428.66	2.01	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BS	Instrumnet Name :	P8
Client Sample ID :	LCS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:08:49	DataFile Name :	136LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.83	1.83	1.76	1.80	2.32	ppb
Lead	207-1	1.82	1.79	1.87	1.83	2.17	ppb
Lead	208-1	1.76	1.75	1.80	1.77	1.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	1018.39	985.15	1004.12	1002.55	1.66	ppb
Manganese	55-2	1.95	2.04	1.95	1.98	2.53	ppb
Molybdenum	94-1	11.79	11.75	11.36	11.63	2.05	ppb
Molybdenum	95-1	9.85	9.79	9.87	9.83	0.42	ppb
Molybdenum	96-1	9.40	10.12	9.91	9.81	3.76	ppb
Molybdenum	97-1	10.01	9.90	9.72	9.88	1.50	ppb
Molybdenum	98-1	9.82	9.52	9.61	9.65	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.05	1.99	2.05	2.73	ppb
Phosphorus	31-2	10.25	-3.62	30.71	12.44	138.76	ppb
Potassium	39-2	968.34	939.68	935.76	947.93	1.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				83		%
Selenium	82-1	10.91	11.22	10.34	10.83	4.10	ppb
Selenium	77-2	8.34	10.25	5.23	7.94	31.90	ppb
Selenium	78-2	7.96	7.28	7.36	7.53	4.95	ppb
Silicon	28-1	-4.04	-0.33	1.26	-1.04		ppb
Silver	107-1	1.76	1.89	1.96	1.87	5.50	ppb
Silver	109-1	1.86	1.73	1.84	1.81	3.75	ppb
Sodium	23-2	981.87	982.39	977.25	980.50	0.29	ppb
Strontium	86-1	2.17	1.93	1.83	1.98	8.99	ppb
Strontium	88-1	1.88	1.85	1.85	1.86	1.00	ppb
Sulfur	34-1	-1139.99	-637.46	-328.20	-701.88		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	1.57	1.70	1.62	1.63	4.03	ppb
Thallium	205-1	1.62	1.68	1.76	1.69	4.15	ppb
Tin	118-1	9.59	9.38	9.63	9.53	1.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BS	Instrumnet Name :	P8
Client Sample ID :	LCS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:08:49	DataFile Name :	136LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.59	9.48	9.81	9.62	1.72	ppb
Uranium	238-1	1.74	1.74	1.78	1.75	1.18	ppb
Vanadium	51-2	9.58	9.82	9.40	9.60	2.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				88		%
Zinc	66-2	9.92	10.02	10.40	10.11	2.48	ppb
Zirconium	90-1	1.81	1.91	1.89	1.87	2.67	ppb
Zirconium	91-1	1.89	1.83	1.63	1.78	7.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-01	Instrumnet Name :	P8
Client Sample ID :	MH1FD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:11:56	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27777.38	27727.47	31013.36	28839.40	6.53	ppb
Antimony	121-1	2.94	3.00	3.18	3.04	4.05	ppb
Arsenic	75-2	76.99	77.65	86.49	80.38	6.60	ppb
Barium	135-1	798.62	812.00	838.24	816.29	2.47	ppb
Barium	137-1	809.97	862.04	881.50	851.17	4.34	ppb
Beryllium	9-1	2.80	2.62	2.86	2.76	4.38	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	37.91	38.17	42.50	39.53	6.52	ppb
Boron	11-1	39.54	39.28	42.29	40.37	4.12	ppb
Bromine	81-1						cps
Cadmium	111-1	12.99	13.44	14.49	13.64	5.65	ppb
Cadmium	106-1	11.34	9.57	13.18	11.36	15.86	ppb
Cadmium	108-1	13.13	14.18	13.84	13.72	3.91	ppb
Calcium	43-1	125032.02	124834.52	127647.06	125837.87	1.25	ppb
Calcium	44-1	124868.73	127737.27	128968.02	127191.34	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.85	108.99	122.68	114.51	6.30	ppb
Cobalt	59-2	32.41	32.35	35.84	33.53	5.95	ppb
Copper	63-2	275.71	274.56	305.87	285.38	6.22	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				116		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				93		%
Iron	54-2	83277.23	82291.54	90876.58	85481.78	5.50	ppb
Iron	56-2	82110.85	81228.35	90409.72	84582.97	5.99	ppb
Iron	57-2	82041.77	83207.35	92164.91	85804.68	6.46	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-01	Instrumnet Name :	P8
Client Sample ID :	MH1FD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:11:56	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1631.49	1468.12	1640.42	1580.01	6.14	ppb
Lead	207-1	1619.35	1465.41	1584.26	1556.34	5.18	ppb
Lead	208-1	1624.66	1517.36	1612.19	1584.74	3.70	ppb
Lithium	6-1				106		%
Magnesium	24-2	18191.24	17566.45	20393.20	18716.96	7.93	ppb
Manganese	55-2	2915.90	2833.23	3214.75	2987.96	6.72	ppb
Molybdenum	94-1	10.03	10.05	10.38	10.16	1.93	ppb
Molybdenum	95-1	5.11	5.17	5.44	5.24	3.35	ppb
Molybdenum	96-1	6.22	6.27	6.63	6.38	3.53	ppb
Molybdenum	97-1	5.01	5.47	5.59	5.36	5.79	ppb
Molybdenum	98-1	5.08	5.37	5.28	5.25	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.86	85.51	97.33	90.56	6.73	ppb
Phosphorus	31-2	6055.77	5910.30	6505.10	6157.06	5.04	ppb
Potassium	39-2	9364.88	9390.66	10370.04	9708.53	5.90	ppb
Rhodium	103-1				106		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				88		%
Selenium	82-1	4.11	2.85	4.15	3.70	20.04	ppb
Selenium	77-2	47.63	63.86	61.39	57.63	15.17	ppb
Selenium	78-2	10.73	10.58	9.65	10.32	5.69	ppb
Silicon	28-1	2267.21	2258.10	2402.40	2309.24	3.50	ppb
Silver	107-1	2.78	2.88	2.81	2.82	1.70	ppb
Silver	109-1	2.73	2.85	2.92	2.83	3.38	ppb
Sodium	23-2	789.12	786.15	888.11	821.13	7.07	ppb
Strontium	86-1	426.52	444.17	444.25	438.31	2.33	ppb
Strontium	88-1	425.44	434.53	445.04	435.00	2.26	ppb
Sulfur	34-1	737.68	586.20	1043.58	789.15	29.52	ppb
Terbium	159-1				118		%
Terbium	159-2				104		%
Thallium	203-1	0.81	0.73	0.82	0.78	6.53	ppb
Thallium	205-1	0.87	0.73	0.85	0.82	9.24	ppb
Tin	118-1	18.85	19.31	20.62	19.59	4.66	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-01	Instrumnet Name :	P8
Client Sample ID :	MH1FD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:11:56	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	569.97	563.17	580.99	571.38	1.57	ppb
Uranium	238-1	6.17	6.18	6.63	6.33	4.20	ppb
Vanadium	51-2	120.29	118.96	133.08	124.11	6.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				100		%
Zinc	66-2	3377.69	3310.38	3657.50	3448.52	5.34	ppb
Zirconium	90-1	2.92	3.18	3.11	3.07	4.44	ppb
Zirconium	91-1	3.00	3.10	3.18	3.09	2.93	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-02	Instrumnet Name :	P8
Client Sample ID :	MH1FE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:14:52	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30816.46	31146.62	30170.98	30711.35	1.62	ppb
Antimony	121-1	2.04	2.17	2.00	2.07	4.37	ppb
Arsenic	75-2	46.44	45.67	46.62	46.24	1.09	ppb
Barium	135-1	720.90	747.22	724.35	730.82	1.96	ppb
Barium	137-1	745.39	783.11	754.57	761.02	2.58	ppb
Beryllium	9-1	2.52	2.74	2.65	2.64	4.23	ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Boron	10-1	28.54	29.06	30.05	29.22	2.62	ppb
Boron	11-1	26.98	29.26	29.68	28.64	5.07	ppb
Bromine	81-1						cps
Cadmium	111-1	8.93	9.56	8.84	9.11	4.30	ppb
Cadmium	106-1	8.07	8.65	5.46	7.39	22.98	ppb
Cadmium	108-1	8.51	9.60	8.82	8.98	6.24	ppb
Calcium	43-1	83729.34	86557.42	89599.17	86628.64	3.39	ppb
Calcium	44-1	84215.56	86530.62	88307.47	86351.22	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.02	80.95	80.18	80.38	0.62	ppb
Cobalt	59-2	34.08	33.96	33.47	33.84	0.95	ppb
Copper	63-2	259.79	254.19	253.47	255.82	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				114		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				93		%
Iron	54-2	81072.01	82091.58	81260.20	81474.60	0.67	ppb
Iron	56-2	81117.78	80397.70	78980.70	80165.39	1.36	ppb
Iron	57-2	82912.76	81177.13	82580.91	82223.60	1.12	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-02	Instrumnet Name :	P8
Client Sample ID :	MH1FE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:14:52	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	965.70	922.23	932.75	940.22	2.41	ppb
Lead	207-1	920.83	908.87	935.91	921.87	1.47	ppb
Lead	208-1	923.65	914.39	932.84	923.63	1.00	ppb
Lithium	6-1				104		%
Magnesium	24-2	19785.66	19837.05	19635.47	19752.73	0.53	ppb
Manganese	55-2	2356.18	2423.29	2362.34	2380.61	1.56	ppb
Molybdenum	94-1	9.48	8.85	9.66	9.33	4.58	ppb
Molybdenum	95-1	4.24	4.12	4.22	4.19	1.54	ppb
Molybdenum	96-1	5.46	5.44	5.70	5.54	2.63	ppb
Molybdenum	97-1	4.34	4.18	4.65	4.39	5.49	ppb
Molybdenum	98-1	4.24	4.14	4.55	4.31	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.82	103.55	105.07	104.14	0.78	ppb
Phosphorus	31-2	5659.22	5289.26	5287.76	5412.08	3.95	ppb
Potassium	39-2	10641.71	10727.97	10624.28	10664.65	0.52	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				88		%
Selenium	82-1	4.18	3.88	4.18	4.08	4.30	ppb
Selenium	77-2	61.38	55.32	56.69	57.80	5.50	ppb
Selenium	78-2	12.12	11.66	13.38	12.39	7.21	ppb
Silicon	28-1	2082.06	2123.38	2159.46	2121.63	1.83	ppb
Silver	107-1	2.02	2.12	2.07	2.07	2.26	ppb
Silver	109-1	2.15	2.18	2.11	2.14	1.74	ppb
Sodium	23-2	725.14	710.82	733.72	723.23	1.60	ppb
Strontium	86-1	334.37	344.62	350.78	343.26	2.42	ppb
Strontium	88-1	347.82	340.50	341.10	343.14	1.18	ppb
Sulfur	34-1	100.81	125.42	506.74	244.32	93.15	ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	0.81	0.76	0.85	0.81	5.40	ppb
Thallium	205-1	0.87	0.85	0.80	0.84	3.98	ppb
Tin	118-1	12.46	13.20	12.71	12.79	2.92	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-02	Instrumnet Name :	P8
Client Sample ID :	MH1FE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:14:52	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	819.47	837.13	834.46	830.35	1.15	ppb
Uranium	238-1	7.00	7.33	7.52	7.29	3.61	ppb
Vanadium	51-2	128.81	126.60	127.58	127.66	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				103		%
Zinc	66-2	1745.00	1742.78	1769.34	1752.37	0.84	ppb
Zirconium	90-1	3.04	3.11	3.06	3.07	1.24	ppb
Zirconium	91-1	3.04	3.06	3.12	3.07	1.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-03	Instrumnet Name :	P8
Client Sample ID :	MH1FE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:17:45	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25622.79	25412.13	24803.31	25279.41	1.68	ppb
Antimony	121-1	3.32	3.36	3.35	3.34	0.64	ppb
Arsenic	75-2	284.02	276.98	284.73	281.91	1.52	ppb
Barium	135-1	707.47	703.50	670.36	693.78	2.94	ppb
Barium	137-1	766.15	712.44	699.96	726.18	4.84	ppb
Beryllium	9-1	2.76	2.92	2.71	2.80	3.83	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Boron	10-1	20.44	20.50	21.11	20.68	1.79	ppb
Boron	11-1	20.54	21.75	22.24	21.51	4.07	ppb
Bromine	81-1						cps
Cadmium	111-1	14.41	14.55	13.97	14.31	2.12	ppb
Cadmium	106-1	13.04	11.93	12.39	12.45	4.45	ppb
Cadmium	108-1	13.38	12.62	14.43	13.48	6.76	ppb
Calcium	43-1	107645.51	107051.00	105427.33	106707.95	1.08	ppb
Calcium	44-1	106203.52	107037.08	103315.17	105518.59	1.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.13	43.67	43.42	43.74	0.82	ppb
Cobalt	59-2	27.91	27.07	26.81	27.27	2.10	ppb
Copper	63-2	356.61	348.36	337.92	347.63	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				91		%
Iron	54-2	74116.09	72707.61	70948.08	72590.59	2.19	ppb
Iron	56-2	75554.85	73649.80	71754.87	73653.17	2.58	ppb
Iron	57-2	76912.37	74900.81	72174.15	74662.44	3.19	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-03	Instrumnet Name :	P8
Client Sample ID :	MH1FE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:17:45	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1342.50	1336.28	1370.80	1349.86	1.36	ppb
Lead	207-1	1330.93	1326.81	1342.83	1333.52	0.62	ppb
Lead	208-1	1326.85	1345.82	1348.96	1340.54	0.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	12941.61	12720.43	12681.01	12781.02	1.10	ppb
Manganese	55-2	2713.72	2626.48	2551.64	2630.62	3.08	ppb
Molybdenum	94-1	7.91	8.54	7.52	7.99	6.45	ppb
Molybdenum	95-1	4.60	5.18	4.38	4.72	8.75	ppb
Molybdenum	96-1	5.41	5.62	5.54	5.53	1.89	ppb
Molybdenum	97-1	4.49	4.84	4.73	4.69	3.82	ppb
Molybdenum	98-1	4.47	4.90	4.41	4.59	5.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.93	84.93	83.65	85.50	2.57	ppb
Phosphorus	31-2	3668.62	3816.08	3906.02	3796.91	3.16	ppb
Potassium	39-2	5746.69	5628.73	5530.09	5635.17	1.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				86		%
Selenium	82-1	3.44	3.08	3.33	3.28	5.67	ppb
Selenium	77-2	48.99	54.62	46.23	49.95	8.56	ppb
Selenium	78-2	9.78	11.16	10.27	10.40	6.73	ppb
Silicon	28-1	2015.33	2033.88	1903.47	1984.23	3.56	ppb
Silver	107-1	3.84	3.80	3.77	3.80	0.92	ppb
Silver	109-1	3.82	3.91	3.81	3.85	1.52	ppb
Sodium	23-2	705.50	689.27	673.72	689.50	2.31	ppb
Strontium	86-1	350.61	371.53	350.37	357.50	3.40	ppb
Strontium	88-1	352.93	365.57	362.57	360.36	1.83	ppb
Sulfur	34-1	-483.14	-10.40	-509.06	-334.20		ppb
Terbium	159-1				115		%
Terbium	159-2				105		%
Thallium	203-1	1.01	0.98	1.02	1.01	1.92	ppb
Thallium	205-1	1.01	1.04	1.09	1.04	3.75	ppb
Tin	118-1	22.90	22.94	22.39	22.74	1.35	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-03	Instrumnet Name :	P8
Client Sample ID :	MH1FE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:17:45	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	275.12	289.53	278.90	281.19	2.66	ppb
Uranium	238-1	8.82	8.46	8.52	8.60	2.24	ppb
Vanadium	51-2	113.45	111.63	109.04	111.37	1.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				99		%
Zinc	66-2	2170.25	2088.58	2098.67	2119.16	2.10	ppb
Zirconium	90-1	2.18	2.26	2.13	2.19	3.06	ppb
Zirconium	91-1	2.17	2.37	2.20	2.25	4.75	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-04	Instrumnet Name :	P8
Client Sample ID :	MH1FE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:20:41	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32031.67	30256.50	31316.43	31201.53	2.86	ppb
Antimony	121-1	2.54	2.52	2.76	2.61	5.05	ppb
Arsenic	75-2	381.98	366.59	381.42	376.67	2.32	ppb
Barium	135-1	796.68	809.58	860.10	822.12	4.08	ppb
Barium	137-1	817.20	838.61	900.37	852.06	5.07	ppb
Beryllium	9-1	2.92	3.00	3.22	3.05	5.10	ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	10-1	16.81	17.62	19.57	18.00	7.89	ppb
Boron	11-1	16.90	18.89	19.31	18.37	7.02	ppb
Bromine	81-1						cps
Cadmium	111-1	12.37	12.55	13.32	12.75	3.96	ppb
Cadmium	106-1	12.31	7.98	15.33	11.87	31.12	ppb
Cadmium	108-1	10.78	10.88	13.51	11.72	13.16	ppb
Calcium	43-1	100180.96	104422.34	109865.48	104822.93	4.63	ppb
Calcium	44-1	101630.09	103381.95	110236.12	105082.72	4.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.15	41.17	41.32	41.88	2.63	ppb
Cobalt	59-2	31.09	29.78	30.32	30.40	2.17	ppb
Copper	63-2	302.67	287.60	298.54	296.27	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				113		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	54-2	78854.21	74879.83	75431.35	76388.46	2.82	ppb
Iron	56-2	78566.37	74252.73	77710.83	76843.31	2.97	ppb
Iron	57-2	80461.55	76004.59	77269.19	77911.77	2.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-04	Instrumnet Name :	P8
Client Sample ID :	MH1FE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:20:41	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	768.09	806.98	824.75	799.94	3.62	ppb
Lead	207-1	739.15	802.13	823.28	788.19	5.55	ppb
Lead	208-1	746.80	802.01	824.62	791.14	5.06	ppb
Lithium	6-1				105		%
Magnesium	24-2	15974.37	14921.18	15761.25	15552.27	3.58	ppb
Manganese	55-2	2477.37	2334.27	2441.82	2417.82	3.08	ppb
Molybdenum	94-1	8.32	8.16	8.98	8.48	5.14	ppb
Molybdenum	95-1	4.48	4.75	5.08	4.77	6.32	ppb
Molybdenum	96-1	5.30	5.63	5.85	5.59	4.95	ppb
Molybdenum	97-1	4.75	4.83	5.04	4.87	3.08	ppb
Molybdenum	98-1	4.59	4.77	4.99	4.78	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.91	116.23	117.18	118.78	3.04	ppb
Phosphorus	31-2	4197.69	3659.98	4020.47	3959.38	6.92	ppb
Potassium	39-2	7238.37	7006.72	7139.26	7128.12	1.63	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				86		%
Selenium	82-1	2.58	3.81	3.99	3.46	22.20	ppb
Selenium	77-2	58.14	55.13	60.84	58.04	4.92	ppb
Selenium	78-2	8.54	11.99	11.04	10.52	16.90	ppb
Silicon	28-1	1780.11	1902.73	1982.82	1888.55	5.41	ppb
Silver	107-1	3.05	3.02	3.45	3.17	7.47	ppb
Silver	109-1	3.09	3.21	3.48	3.26	6.22	ppb
Sodium	23-2	593.79	557.54	557.32	569.55	3.69	ppb
Strontium	86-1	321.47	334.05	347.06	334.19	3.83	ppb
Strontium	88-1	326.82	327.71	348.57	334.37	3.68	ppb
Sulfur	34-1	-1203.15	-600.29	315.02	-496.14		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.94	0.98	1.12	1.01	9.45	ppb
Thallium	205-1	1.02	1.05	1.13	1.07	5.08	ppb
Tin	118-1	13.69	13.95	15.48	14.37	6.74	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-04	Instrumnet Name :	P8
Client Sample ID :	MH1FE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:20:41	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	234.47	241.17	252.05	242.56	3.66	ppb
Uranium	238-1	6.32	6.72	7.14	6.73	6.12	ppb
Vanadium	51-2	132.92	126.48	127.53	128.98	2.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				101		%
Zinc	66-2	1790.71	1696.39	1729.45	1738.85	2.75	ppb
Zirconium	90-1	2.10	2.17	2.31	2.19	5.03	ppb
Zirconium	91-1	2.21	2.25	2.48	2.31	6.50	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-05	Instrumnet Name :	P8
Client Sample ID :	MH1FE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:23:34	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29673.74	28643.41	28231.46	28849.54	2.58	ppb
Antimony	121-1	3.53	3.45	3.91	3.63	6.71	ppb
Arsenic	75-2	55.33	57.76	55.96	56.35	2.24	ppb
Barium	135-1	1132.25	1140.58	1278.07	1183.63	6.92	ppb
Barium	137-1	1138.81	1143.38	1268.02	1183.41	6.20	ppb
Beryllium	9-1	2.89	2.82	3.20	2.97	6.80	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	173.49	183.52	208.66	188.56	9.61	ppb
Boron	11-1	170.76	176.73	210.71	186.07	11.58	ppb
Bromine	81-1						cps
Cadmium	111-1	16.51	17.50	19.61	17.87	8.85	ppb
Cadmium	106-1	14.15	16.02	17.60	15.92	10.84	ppb
Cadmium	108-1	15.41	15.50	18.78	16.56	11.62	ppb
Calcium	43-1	185919.84	183046.21	201944.43	190303.49	5.35	ppb
Calcium	44-1	182025.00	180559.98	204259.23	188948.07	7.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	183.49	181.27	183.88	182.88	0.77	ppb
Cobalt	59-2	29.66	28.30	29.15	29.04	2.37	ppb
Copper	63-2	313.92	308.92	311.24	311.36	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	54-2	81187.32	81620.64	82402.31	81736.76	0.75	ppb
Iron	56-2	82605.94	82087.53	83683.98	82792.48	0.98	ppb
Iron	57-2	83769.68	83331.15	86141.15	84413.99	1.79	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-05	Instrumnet Name :	P8
Client Sample ID :	MH1FE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:23:34	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3173.67	3052.83	3374.18	3200.22	5.07	ppb
Lead	207-1	3163.81	2979.90	3395.03	3179.58	6.54	ppb
Lead	208-1	3173.80	3022.65	3435.05	3210.50	6.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	19642.43	19059.69	18710.31	19137.48	2.46	ppb
Manganese	55-2	3511.92	3566.81	3654.27	3577.67	2.01	ppb
Molybdenum	94-1	10.61	10.55	11.71	10.96	5.98	ppb
Molybdenum	95-1	7.31	7.04	7.96	7.44	6.32	ppb
Molybdenum	96-1	8.41	7.86	9.17	8.48	7.72	ppb
Molybdenum	97-1	7.58	7.61	8.16	7.78	4.21	ppb
Molybdenum	98-1	7.29	7.40	8.02	7.57	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.81	82.37	82.74	82.31	0.57	ppb
Phosphorus	31-2	6360.34	6482.48	6585.21	6476.01	1.74	ppb
Potassium	39-2	9451.17	9232.60	9678.06	9453.94	2.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				86		%
Selenium	82-1	4.36	3.82	4.14	4.11	6.64	ppb
Selenium	77-2	41.74	43.00	55.92	46.89	16.74	ppb
Selenium	78-2	8.78	10.68	10.12	9.86	9.90	ppb
Silicon	28-1	2557.37	2481.30	2744.47	2594.38	5.22	ppb
Silver	107-1	2.73	2.76	3.20	2.90	9.14	ppb
Silver	109-1	2.82	2.67	3.19	2.89	9.07	ppb
Sodium	23-2	1220.90	1207.61	1216.05	1214.86	0.55	ppb
Strontium	86-1	592.66	577.64	630.69	600.33	4.56	ppb
Strontium	88-1	567.50	563.44	627.97	586.30	6.16	ppb
Sulfur	34-1	2610.06	2395.92	3904.88	2970.28	27.49	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.67	0.66	0.71	0.68	4.07	ppb
Thallium	205-1	0.68	0.63	0.70	0.67	5.04	ppb
Tin	118-1	19.18	19.24	21.84	20.09	7.56	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-05	Instrumnet Name :	P8
Client Sample ID :	MH1FE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:23:34	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	464.24	452.47	510.66	475.79	6.47	ppb
Uranium	238-1	5.03	4.94	5.47	5.15	5.55	ppb
Vanadium	51-2	128.46	124.31	127.42	126.73	1.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	5927.94	5810.59	5856.92	5865.15	1.01	ppb
Zirconium	90-1	2.39	2.45	2.56	2.47	3.55	ppb
Zirconium	91-1	2.38	2.35	2.52	2.42	3.78	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-06	Instrumnet Name :	P8
Client Sample ID :	MH1FE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:26:31	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31394.16	29796.35	29783.07	30324.53	3.05	ppb
Antimony	121-1	2.65	2.63	2.66	2.65	0.56	ppb
Arsenic	75-2	51.76	48.60	50.49	50.28	3.16	ppb
Barium	135-1	1423.85	1430.24	1459.12	1437.74	1.31	ppb
Barium	137-1	1434.31	1422.51	1462.96	1439.93	1.44	ppb
Beryllium	9-1	3.31	3.44	3.38	3.38	1.86	ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Boron	10-1	66.93	72.25	71.86	70.35	4.21	ppb
Boron	11-1	65.89	72.26	71.19	69.78	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	19.46	19.39	19.75	19.54	0.99	ppb
Cadmium	106-1	16.23	17.92	17.80	17.32	5.45	ppb
Cadmium	108-1	19.05	17.34	19.46	18.62	6.06	ppb
Calcium	43-1	177955.92	181475.11	177749.50	179060.18	1.17	ppb
Calcium	44-1	178367.71	181136.98	180445.13	179983.27	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66.92	64.24	63.79	64.99	2.60	ppb
Cobalt	59-2	37.06	35.25	35.08	35.80	3.06	ppb
Copper	63-2	365.00	351.73	345.93	354.22	2.76	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				115		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				91		%
Iron	54-2	104587.22	101888.47	102556.33	103010.68	1.36	ppb
Iron	56-2	106100.42	100963.93	101554.35	102872.90	2.73	ppb
Iron	57-2	106506.10	103139.69	101432.84	103692.88	2.49	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-06	Instrumnet Name :	P8
Client Sample ID :	MH1FE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:26:31	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3356.14	3295.95	3311.03	3321.04	0.94	ppb
Lead	207-1	3144.62	3280.35	3140.23	3188.40	2.50	ppb
Lead	208-1	3238.28	3302.93	3196.51	3245.91	1.65	ppb
Lithium	6-1				105		%
Magnesium	24-2	16853.85	15672.48	15736.03	16087.45	4.13	ppb
Manganese	55-2	4541.01	4295.14	4413.38	4416.51	2.78	ppb
Molybdenum	94-1	9.99	9.96	10.24	10.06	1.50	ppb
Molybdenum	95-1	5.70	5.59	6.03	5.77	3.96	ppb
Molybdenum	96-1	7.15	6.63	7.26	7.01	4.81	ppb
Molybdenum	97-1	6.31	5.77	5.59	5.89	6.35	ppb
Molybdenum	98-1	5.80	5.59	5.82	5.74	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.93	105.35	104.82	106.70	2.63	ppb
Phosphorus	31-2	4173.47	3898.88	4144.75	4072.37	3.71	ppb
Potassium	39-2	6517.65	6232.35	6196.60	6315.54	2.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				85		%
Selenium	82-1	3.42	3.26	3.96	3.55	10.40	ppb
Selenium	77-2	41.12	44.84	47.81	44.59	7.52	ppb
Selenium	78-2	12.43	8.92	9.50	10.28	18.31	ppb
Silicon	28-1	2230.27	2249.21	2422.70	2300.73	4.61	ppb
Silver	107-1	5.07	4.97	4.92	4.99	1.59	ppb
Silver	109-1	5.06	4.86	5.22	5.05	3.53	ppb
Sodium	23-2	773.05	730.83	715.51	739.80	4.03	ppb
Strontium	86-1	501.37	483.09	494.64	493.03	1.87	ppb
Strontium	88-1	499.66	476.45	488.77	488.29	2.38	ppb
Sulfur	34-1	-482.95	-537.62	-581.71	-534.09		ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	0.96	1.05	0.98	1.00	5.09	ppb
Thallium	205-1	0.98	1.03	1.01	1.01	2.59	ppb
Tin	118-1	23.72	22.96	23.58	23.42	1.73	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-06	Instrumnet Name :	P8
Client Sample ID :	MH1FE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:26:31	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	360.43	361.51	355.51	359.15	0.89	ppb
Uranium	238-1	4.66	4.95	4.96	4.86	3.51	ppb
Vanadium	51-2	145.58	140.06	140.42	142.02	2.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				98		%
Zinc	66-2	7297.61	7047.99	7067.52	7137.71	1.94	ppb
Zirconium	90-1	2.72	2.74	2.68	2.71	1.01	ppb
Zirconium	91-1	2.81	2.70	2.90	2.80	3.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-07	Instrumnet Name :	P8
Client Sample ID :	MH1FE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:29:25	DataFile Name :	143AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30685.96	30206.10	32395.61	31095.89	3.70	ppb
Antimony	121-1	2.00	2.03	1.97	2.00	1.54	ppb
Arsenic	75-2	40.45	40.26	41.68	40.80	1.88	ppb
Barium	135-1	967.81	962.05	898.15	942.67	4.10	ppb
Barium	137-1	963.25	921.93	939.08	941.42	2.21	ppb
Beryllium	9-1	3.85	3.95	3.83	3.87	1.64	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	69.62	75.25	76.38	73.75	4.91	ppb
Boron	11-1	69.76	74.28	77.33	73.79	5.16	ppb
Bromine	81-1						cps
Cadmium	111-1	15.06	14.50	15.07	14.88	2.20	ppb
Cadmium	106-1	10.75	12.65	13.66	12.35	11.96	ppb
Cadmium	108-1	14.31	12.83	14.19	13.78	5.95	ppb
Calcium	43-1	119430.07	121574.89	119226.67	120077.21	1.08	ppb
Calcium	44-1	118072.85	119827.43	118454.34	118784.88	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.82	37.98	40.28	39.03	2.98	ppb
Cobalt	59-2	33.52	32.81	34.15	33.49	2.00	ppb
Copper	63-2	307.17	305.84	316.92	309.98	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				115		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	54-2	86554.93	84956.50	89521.84	87011.09	2.66	ppb
Iron	56-2	85867.41	86323.53	89237.07	87142.67	2.10	ppb
Iron	57-2	89347.59	85785.28	90249.76	88460.88	2.67	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-07	Instrumnet Name :	P8
Client Sample ID :	MH1FE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:29:25	DataFile Name :	143AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1814.63	1795.59	1772.39	1794.20	1.18	ppb
Lead	207-1	1803.84	1752.49	1785.17	1780.50	1.46	ppb
Lead	208-1	1825.86	1786.52	1797.89	1803.42	1.12	ppb
Lithium	6-1				104		%
Magnesium	24-2	12982.78	12860.03	13651.47	13164.76	3.24	ppb
Manganese	55-2	3291.85	3297.36	3450.21	3346.47	2.69	ppb
Molybdenum	94-1	8.85	8.85	8.88	8.86	0.22	ppb
Molybdenum	95-1	4.16	4.37	3.94	4.16	5.19	ppb
Molybdenum	96-1	5.46	5.17	5.08	5.24	3.78	ppb
Molybdenum	97-1	3.95	3.88	4.04	3.96	1.97	ppb
Molybdenum	98-1	4.02	4.00	3.87	3.96	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.74	91.04	96.39	93.05	3.13	ppb
Phosphorus	31-2	3194.72	3206.54	3435.05	3278.77	4.13	ppb
Potassium	39-2	5432.36	5360.04	5677.51	5489.97	3.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				85		%
Selenium	82-1	1.77	2.77	3.57	2.70	33.50	ppb
Selenium	77-2	46.37	39.00	47.50	44.29	10.42	ppb
Selenium	78-2	9.04	9.52	7.93	8.83	9.25	ppb
Silicon	28-1	2295.97	2391.89	2463.28	2383.71	3.52	ppb
Silver	107-1	4.56	4.54	4.61	4.57	0.78	ppb
Silver	109-1	4.51	4.47	4.53	4.50	0.66	ppb
Sodium	23-2	1191.00	1151.15	1230.28	1190.81	3.32	ppb
Strontium	86-1	430.31	427.97	413.65	423.98	2.13	ppb
Strontium	88-1	427.54	425.62	411.19	421.45	2.12	ppb
Sulfur	34-1	-701.28	-722.54	-766.00	-729.94		ppb
Terbium	159-1				116		%
Terbium	159-2				103		%
Thallium	203-1	1.10	1.11	1.09	1.10	0.92	ppb
Thallium	205-1	1.10	1.09	1.06	1.08	1.95	ppb
Tin	118-1	14.86	15.11	15.44	15.14	1.91	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-07	Instrumnet Name :	P8
Client Sample ID :	MH1FE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:29:25	DataFile Name :	143AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	353.68	358.32	352.43	354.81	0.87	ppb
Uranium	238-1	4.53	4.52	4.36	4.47	2.09	ppb
Vanadium	51-2	127.20	123.95	127.96	126.37	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				98		%
Zinc	66-2	2715.46	2636.11	2807.49	2719.69	3.15	ppb
Zirconium	90-1	2.89	3.24	2.87	3.00	6.85	ppb
Zirconium	91-1	2.96	2.86	2.83	2.88	2.31	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-08	Instrumnet Name :	P8
Client Sample ID :	MH1FE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:32:21	DataFile Name :	144AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27679.53	28249.34	26743.55	27557.47	2.76	ppb
Antimony	121-1	1.39	1.40	1.53	1.44	5.47	ppb
Arsenic	75-2	35.15	36.07	32.62	34.61	5.17	ppb
Barium	135-1	496.40	508.76	524.34	509.83	2.75	ppb
Barium	137-1	518.26	533.43	517.04	522.91	1.75	ppb
Beryllium	9-1	2.23	2.25	2.15	2.21	2.28	ppb
Bismuth	209-1				115		%
Bismuth	209-2				99		%
Boron	10-1	30.71	30.01	30.83	30.51	1.45	ppb
Boron	11-1	31.00	30.47	29.33	30.26	2.81	ppb
Bromine	81-1						cps
Cadmium	111-1	3.56	3.97	4.01	3.85	6.45	ppb
Cadmium	106-1	2.01	3.22	3.33	2.86	25.66	ppb
Cadmium	108-1	3.20	3.29	3.67	3.39	7.29	ppb
Calcium	43-1	89008.07	92693.81	90698.86	90800.24	2.03	ppb
Calcium	44-1	89836.73	89891.89	89963.82	89897.48	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.84	36.47	34.61	35.98	3.32	ppb
Cobalt	59-2	25.23	25.39	24.03	24.89	2.99	ppb
Copper	63-2	93.95	93.57	87.79	91.77	3.76	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				115		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				88		%
Iron	54-2	60251.55	60281.61	55884.19	58805.78	4.30	ppb
Iron	56-2	59893.93	58670.41	56407.55	58323.96	3.03	ppb
Iron	57-2	60070.91	60503.70	56831.90	59135.50	3.39	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-08	Instrumnet Name :	P8
Client Sample ID :	MH1FE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:32:21	DataFile Name :	144AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	216.85	214.21	230.39	220.48	3.94	ppb
Lead	207-1	213.77	214.09	223.13	216.99	2.45	ppb
Lead	208-1	222.40	223.97	231.09	225.82	2.05	ppb
Lithium	6-1				105		%
Magnesium	24-2	13487.73	13514.75	12951.17	13317.88	2.39	ppb
Manganese	55-2	1292.59	1293.48	1229.10	1271.72	2.90	ppb
Molybdenum	94-1	6.08	6.02	5.95	6.01	1.09	ppb
Molybdenum	95-1	4.03	3.80	3.88	3.90	3.00	ppb
Molybdenum	96-1	4.81	4.37	4.77	4.65	5.25	ppb
Molybdenum	97-1	3.90	3.88	4.07	3.95	2.59	ppb
Molybdenum	98-1	3.83	3.82	4.08	3.91	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.56	63.79	59.62	62.32	3.76	ppb
Phosphorus	31-2	3322.97	3039.04	2995.51	3119.17	5.70	ppb
Potassium	39-2	7148.02	7100.82	6668.87	6972.57	3.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				91		%
Scandium	45-1				104		%
Scandium	45-2				81		%
Selenium	82-1	1.99	2.25	2.78	2.34	17.18	ppb
Selenium	77-2	42.81	63.41	60.00	55.41	19.93	ppb
Selenium	78-2	10.88	11.51	8.66	10.35	14.42	ppb
Silicon	28-1	1486.67	1662.51	1728.00	1625.73	7.68	ppb
Silver	107-1	0.84	0.88	0.91	0.88	4.31	ppb
Silver	109-1	0.85	0.88	0.91	0.88	3.94	ppb
Sodium	23-2	407.50	409.95	399.84	405.76	1.30	ppb
Strontium	86-1	209.29	206.51	213.50	209.76	1.68	ppb
Strontium	88-1	211.70	209.60	215.22	212.17	1.34	ppb
Sulfur	34-1	-1346.13	-818.15	-522.38	-895.55		ppb
Terbium	159-1				115		%
Terbium	159-2				100		%
Thallium	203-1	0.83	0.78	0.89	0.84	6.67	ppb
Thallium	205-1	0.80	0.80	0.82	0.81	1.14	ppb
Tin	118-1	2.73	2.70	2.93	2.79	4.42	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-08	Instrumnet Name :	P8
Client Sample ID :	MH1FE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:32:21	DataFile Name :	144AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	200.40	206.00	211.58	205.99	2.71	ppb
Uranium	238-1	3.66	3.73	3.85	3.75	2.57	ppb
Vanadium	51-2	127.58	128.21	120.64	125.48	3.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				93		%
Zinc	66-2	493.87	494.63	460.47	482.99	4.04	ppb
Zirconium	90-1	1.43	1.43	1.53	1.46	3.84	ppb
Zirconium	91-1	1.42	1.42	1.49	1.44	2.64	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-09	Instrumnet Name :	P8
Client Sample ID :	MH1FH1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:35:15	DataFile Name :	145AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20961.81	20840.70	20656.26	20819.59	0.74	ppb
Antimony	121-1	3.26	3.30	3.58	3.38	5.16	ppb
Arsenic	75-2	40.07	41.50	40.23	40.60	1.94	ppb
Barium	135-1	760.53	735.47	779.36	758.46	2.90	ppb
Barium	137-1	812.04	762.91	818.24	797.73	3.80	ppb
Beryllium	9-1	2.39	2.33	2.40	2.37	1.68	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Boron	10-1	48.87	50.70	52.64	50.74	3.71	ppb
Boron	11-1	49.74	50.47	53.59	51.27	3.99	ppb
Bromine	81-1						cps
Cadmium	111-1	10.24	9.73	10.50	10.16	3.89	ppb
Cadmium	106-1	11.46	8.27	9.04	9.59	17.31	ppb
Cadmium	108-1	9.80	9.47	8.48	9.25	7.41	ppb
Calcium	43-1	125759.18	130126.41	120114.99	125333.53	4.00	ppb
Calcium	44-1	124599.89	127066.95	122200.30	124622.38	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109.64	110.65	109.00	109.76	0.76	ppb
Cobalt	59-2	22.59	22.37	22.69	22.55	0.73	ppb
Copper	63-2	312.16	306.73	312.47	310.45	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				117		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				91		%
Iron	54-2	75124.41	72506.06	73755.77	73795.41	1.77	ppb
Iron	56-2	73603.00	73791.33	74327.30	73907.21	0.51	ppb
Iron	57-2	74805.56	75038.44	75127.34	74990.45	0.22	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-09	Instrumnet Name :	P8
Client Sample ID :	MH1FH1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:35:15	DataFile Name :	145AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	796.46	805.16	826.12	809.25	1.88	ppb
Lead	207-1	784.03	786.59	795.76	788.79	0.78	ppb
Lead	208-1	785.76	796.05	788.62	790.14	0.67	ppb
Lithium	6-1				106		%
Magnesium	24-2	14176.58	14088.31	14156.43	14140.44	0.33	ppb
Manganese	55-2	2784.54	2734.18	2761.57	2760.10	0.91	ppb
Molybdenum	94-1	8.70	8.69	8.37	8.59	2.18	ppb
Molybdenum	95-1	5.54	5.93	5.65	5.71	3.45	ppb
Molybdenum	96-1	6.57	6.28	6.49	6.45	2.37	ppb
Molybdenum	97-1	5.83	5.58	5.53	5.65	2.86	ppb
Molybdenum	98-1	5.81	5.75	6.01	5.86	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.80	85.48	85.44	85.57	0.23	ppb
Phosphorus	31-2	4948.82	4916.71	4834.78	4900.11	1.20	ppb
Potassium	39-2	6530.36	6604.05	6468.72	6534.38	1.04	ppb
Rhodium	103-1				104		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				85		%
Selenium	82-1	4.84	5.07	5.26	5.06	4.09	ppb
Selenium	77-2	31.11	43.60	45.86	40.19	19.78	ppb
Selenium	78-2	8.32	9.92	9.77	9.34	9.43	ppb
Silicon	28-1	2573.87	2701.44	2504.77	2593.36	3.85	ppb
Silver	107-1	4.55	4.33	4.67	4.52	3.80	ppb
Silver	109-1	4.69	4.58	4.68	4.65	1.28	ppb
Sodium	23-2	628.18	625.99	615.09	623.09	1.13	ppb
Strontium	86-1	483.39	500.39	473.61	485.80	2.79	ppb
Strontium	88-1	486.39	490.18	483.33	486.63	0.70	ppb
Sulfur	34-1	1498.73	2385.11	1335.71	1739.85	32.46	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.51	0.49	0.61	0.54	12.05	ppb
Thallium	205-1	0.58	0.58	0.60	0.59	2.11	ppb
Tin	118-1	23.69	22.28	24.10	23.36	4.10	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-09	Instrumnet Name :	P8
Client Sample ID :	MH1FH1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:35:15	DataFile Name :	145AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	307.69	321.87	302.16	310.58	3.27	ppb
Uranium	238-1	4.64	4.54	4.73	4.64	2.09	ppb
Vanadium	51-2	106.83	105.47	105.15	105.81	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				95		%
Zinc	66-2	2567.58	2593.39	2529.06	2563.34	1.26	ppb
Zirconium	90-1	2.06	1.93	2.10	2.03	4.43	ppb
Zirconium	91-1	2.26	1.91	1.92	2.03	9.63	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-10	Instrumnet Name :	P8
Client Sample ID :	MH1FH2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:38:11	DataFile Name :	146AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22777.53	21578.60	21921.09	22092.41	2.80	ppb
Antimony	121-1	3.41	3.33	3.32	3.35	1.51	ppb
Arsenic	75-2	49.35	46.38	45.87	47.20	3.98	ppb
Barium	135-1	729.69	726.94	704.64	720.42	1.91	ppb
Barium	137-1	762.87	752.28	737.27	750.81	1.71	ppb
Beryllium	9-1	2.35	2.55	2.48	2.46	4.06	ppb
Bismuth	209-1				118		%
Bismuth	209-2				101		%
Boron	10-1	41.02	43.16	44.65	42.94	4.25	ppb
Boron	11-1	40.95	43.86	44.85	43.22	4.68	ppb
Bromine	81-1						cps
Cadmium	111-1	11.72	12.09	11.46	11.76	2.69	ppb
Cadmium	106-1	8.73	9.67	10.19	9.53	7.76	ppb
Cadmium	108-1	9.29	9.90	10.48	9.89	6.04	ppb
Calcium	43-1	140415.40	141412.89	136929.74	139586.01	1.69	ppb
Calcium	44-1	137251.28	138815.83	139725.94	138597.68	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.14	61.38	61.97	62.16	1.44	ppb
Cobalt	59-2	25.21	24.36	24.48	24.69	1.86	ppb
Copper	63-2	323.94	305.69	306.46	312.03	3.31	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				113		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				89		%
Iron	54-2	81384.17	76467.91	75848.58	77900.22	3.89	ppb
Iron	56-2	82547.63	74157.71	75639.09	77448.14	5.78	ppb
Iron	57-2	82004.54	74860.05	76883.01	77915.87	4.73	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-10	Instrumnet Name :	P8
Client Sample ID :	MH1FH2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:38:11	DataFile Name :	146AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	826.13	866.00	839.78	843.97	2.40	ppb
Lead	207-1	816.74	854.91	802.81	824.82	3.27	ppb
Lead	208-1	813.74	851.67	829.05	831.49	2.29	ppb
Lithium	6-1				105		%
Magnesium	24-2	13848.81	13008.66	13269.99	13375.82	3.21	ppb
Manganese	55-2	2863.82	2662.07	2655.91	2727.27	4.34	ppb
Molybdenum	94-1	7.65	7.93	8.23	7.94	3.69	ppb
Molybdenum	95-1	4.93	5.15	5.33	5.13	3.87	ppb
Molybdenum	96-1	6.04	6.01	6.20	6.08	1.63	ppb
Molybdenum	97-1	5.34	5.14	5.21	5.23	1.88	ppb
Molybdenum	98-1	5.11	5.24	5.05	5.13	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.31	85.96	89.32	88.53	2.57	ppb
Phosphorus	31-2	4173.08	3914.44	4026.67	4038.06	3.21	ppb
Potassium	39-2	6328.02	6041.78	6157.58	6175.80	2.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				82		%
Selenium	82-1	5.40	4.14	3.67	4.40	20.35	ppb
Selenium	77-2	42.75	51.20	49.84	47.93	9.46	ppb
Selenium	78-2	10.25	9.44	8.73	9.48	8.05	ppb
Silicon	28-1	2257.80	2416.86	2274.10	2316.25	3.78	ppb
Silver	107-1	4.55	4.64	4.62	4.60	1.01	ppb
Silver	109-1	4.78	4.84	4.61	4.74	2.52	ppb
Sodium	23-2	614.37	581.47	595.84	597.23	2.76	ppb
Strontium	86-1	480.90	493.30	486.23	486.81	1.28	ppb
Strontium	88-1	481.88	496.24	491.56	489.89	1.49	ppb
Sulfur	34-1	663.56	1188.81	958.12	936.83	28.10	ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	0.64	0.70	0.69	0.67	4.33	ppb
Thallium	205-1	0.60	0.73	0.70	0.68	10.04	ppb
Tin	118-1	20.19	20.04	19.93	20.05	0.66	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-10	Instrumnet Name :	P8
Client Sample ID :	MH1FH2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:38:11	DataFile Name :	146AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	298.07	309.30	306.54	304.64	1.92	ppb
Uranium	238-1	4.24	4.23	4.39	4.29	2.04	ppb
Vanadium	51-2	117.33	109.08	110.85	112.42	3.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				93		%
Zinc	66-2	2785.03	2625.67	2636.82	2682.51	3.32	ppb
Zirconium	90-1	1.86	1.91	2.04	1.94	4.79	ppb
Zirconium	91-1	1.89	1.83	1.94	1.89	2.90	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-11	Instrumnet Name :	P8
Client Sample ID :	MH1FH3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:41:05	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20103.74	19875.49	19747.48	19908.90	0.91	ppb
Antimony	121-1	2.74	2.80	2.95	2.83	3.79	ppb
Arsenic	75-2	42.46	42.37	43.57	42.80	1.56	ppb
Barium	135-1	635.85	667.29	672.47	658.54	3.01	ppb
Barium	137-1	671.96	692.63	713.39	692.66	2.99	ppb
Beryllium	9-1	1.86	2.10	2.21	2.06	8.63	ppb
Bismuth	209-1				112		%
Bismuth	209-2				103		%
Boron	10-1	26.40	30.27	31.44	29.37	8.99	ppb
Boron	11-1	28.05	30.36	32.49	30.30	7.33	ppb
Bromine	81-1						cps
Cadmium	111-1	8.87	8.78	9.59	9.08	4.91	ppb
Cadmium	106-1	5.48	6.63	9.22	7.11	26.93	ppb
Cadmium	108-1	7.85	8.74	9.49	8.69	9.42	ppb
Calcium	43-1	154156.67	171696.48	172957.18	166270.11	6.32	ppb
Calcium	44-1	160422.60	169420.79	176955.13	168932.84	4.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.27	34.69	34.30	34.75	1.40	ppb
Cobalt	59-2	23.18	22.78	22.47	22.81	1.54	ppb
Copper	63-2	213.40	207.90	209.81	210.37	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				113		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	54-2	70848.03	67120.30	68264.13	68744.15	2.78	ppb
Iron	56-2	70120.76	70077.67	68076.01	69424.81	1.68	ppb
Iron	57-2	70953.50	69144.53	70995.70	70364.58	1.50	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-11	Instrumnet Name :	P8
Client Sample ID :	MH1FH3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:41:05	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	520.31	597.56	599.15	572.34	7.87	ppb
Lead	207-1	497.75	582.36	585.45	555.18	8.96	ppb
Lead	208-1	518.90	584.37	583.17	562.15	6.66	ppb
Lithium	6-1				104		%
Magnesium	24-2	12309.65	12049.03	11809.28	12055.99	2.08	ppb
Manganese	55-2	1872.80	1853.43	1803.96	1843.39	1.93	ppb
Molybdenum	94-1	7.87	8.60	8.64	8.37	5.16	ppb
Molybdenum	95-1	5.32	5.55	5.90	5.59	5.20	ppb
Molybdenum	96-1	6.12	6.24	6.46	6.27	2.72	ppb
Molybdenum	97-1	5.45	5.75	5.93	5.71	4.29	ppb
Molybdenum	98-1	5.27	5.68	5.90	5.62	5.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.92	77.61	77.70	78.08	0.94	ppb
Phosphorus	31-2	3018.71	2896.15	2878.18	2931.01	2.61	ppb
Potassium	39-2	5591.22	5555.30	5424.98	5523.83	1.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				83		%
Selenium	82-1	3.25	3.06	3.07	3.13	3.57	ppb
Selenium	77-2	41.24	40.03	44.03	41.77	4.90	ppb
Selenium	78-2	6.44	6.31	7.81	6.85	12.14	ppb
Silicon	28-1	1961.18	1792.37	1844.09	1865.88	4.64	ppb
Silver	107-1	2.59	2.66	2.79	2.68	3.78	ppb
Silver	109-1	2.69	2.73	2.68	2.70	1.06	ppb
Sodium	23-2	604.05	586.60	583.17	591.27	1.89	ppb
Strontium	86-1	465.43	492.90	512.71	490.35	4.84	ppb
Strontium	88-1	463.92	495.57	508.43	489.31	4.68	ppb
Sulfur	34-1	-88.43	419.50	465.72	265.60	115.76	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.69	0.82	0.83	0.78	10.17	ppb
Thallium	205-1	0.64	0.83	0.80	0.76	13.49	ppb
Tin	118-1	13.40	13.89	14.33	13.88	3.36	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-11	Instrumnet Name :	P8
Client Sample ID :	MH1FH3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:41:05	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	278.69	291.43	299.13	289.75	3.56	ppb
Uranium	238-1	4.18	4.76	4.75	4.57	7.23	ppb
Vanadium	51-2	118.21	115.99	116.04	116.75	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	1461.18	1463.33	1435.65	1453.39	1.06	ppb
Zirconium	90-1	1.70	1.84	2.02	1.86	8.76	ppb
Zirconium	91-1	1.68	1.89	1.89	1.82	6.70	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-12	Instrumnet Name :	P8
Client Sample ID :	MH1FH4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:44:01	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25603.61	25702.35	25413.10	25573.02	0.57	ppb
Antimony	121-1	1.76	1.64	1.68	1.69	3.64	ppb
Arsenic	75-2	33.24	33.02	32.19	32.82	1.68	ppb
Barium	135-1	586.20	576.46	604.78	589.15	2.44	ppb
Barium	137-1	606.11	603.33	629.97	613.14	2.39	ppb
Beryllium	9-1	2.19	2.28	2.27	2.25	2.29	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	26.84	27.56	29.36	27.92	4.65	ppb
Boron	11-1	26.45	28.34	30.64	28.48	7.37	ppb
Bromine	81-1						cps
Cadmium	111-1	4.32	4.24	4.35	4.31	1.33	ppb
Cadmium	106-1	4.25	2.48	1.73	2.82	45.86	ppb
Cadmium	108-1	3.80	3.52	3.92	3.75	5.41	ppb
Calcium	43-1	97873.86	98871.91	101798.34	99514.70	2.05	ppb
Calcium	44-1	96984.49	96089.59	103962.61	99012.23	4.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.21	36.61	36.56	36.46	0.60	ppb
Cobalt	59-2	23.12	23.13	23.10	23.11	0.07	ppb
Copper	63-2	113.01	115.69	112.42	113.71	1.54	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				116		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				89		%
Iron	54-2	58512.51	58444.74	58591.90	58516.38	0.13	ppb
Iron	56-2	57985.96	58623.75	57917.84	58175.85	0.67	ppb
Iron	57-2	58356.59	58847.20	58814.33	58672.71	0.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-12	Instrumnet Name :	P8
Client Sample ID :	MH1FH4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:44:01	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	206.34	213.87	226.24	215.48	4.66	ppb
Lead	207-1	202.04	210.03	226.29	212.79	5.81	ppb
Lead	208-1	215.39	220.39	233.25	223.01	4.13	ppb
Lithium	6-1				105		%
Magnesium	24-2	14128.68	14465.34	13371.97	13988.67	4.00	ppb
Manganese	55-2	1321.83	1328.69	1337.88	1329.47	0.61	ppb
Molybdenum	94-1	8.31	8.85	8.75	8.64	3.34	ppb
Molybdenum	95-1	5.95	5.71	6.21	5.95	4.24	ppb
Molybdenum	96-1	6.35	6.43	7.09	6.62	6.13	ppb
Molybdenum	97-1	5.71	5.94	6.23	5.96	4.36	ppb
Molybdenum	98-1	5.83	5.86	5.98	5.89	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.08	73.30	74.26	73.55	0.85	ppb
Phosphorus	31-2	2729.36	2838.92	2745.42	2771.23	2.14	ppb
Potassium	39-2	7087.45	7182.81	7041.82	7104.03	1.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				83		%
Selenium	82-1	3.75	3.86	2.91	3.51	14.92	ppb
Selenium	77-2	57.39	54.84	48.36	53.53	8.69	ppb
Selenium	78-2	9.03	9.88	11.44	10.12	12.09	ppb
Silicon	28-1	1739.93	1674.06	1785.99	1733.33	3.25	ppb
Silver	107-1	1.25	1.13	1.22	1.20	5.18	ppb
Silver	109-1	1.24	1.18	1.20	1.21	2.55	ppb
Sodium	23-2	1014.21	1009.34	996.68	1006.74	0.90	ppb
Strontium	86-1	349.82	341.52	365.25	352.20	3.42	ppb
Strontium	88-1	358.95	337.21	367.30	354.48	4.38	ppb
Sulfur	34-1	2351.60	1997.26	2821.38	2390.08	17.30	ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	0.65	0.69	0.81	0.72	11.85	ppb
Thallium	205-1	0.77	0.79	0.82	0.79	2.98	ppb
Tin	118-1	5.35	5.03	5.62	5.33	5.58	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-12	Instrumnet Name :	P8
Client Sample ID :	MH1FH4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:44:01	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	204.82	202.38	213.26	206.82	2.76	ppb
Uranium	238-1	4.28	4.32	4.79	4.46	6.31	ppb
Vanadium	51-2	114.00	114.88	115.89	114.92	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				95		%
Zinc	66-2	524.97	521.55	526.99	524.50	0.52	ppb
Zirconium	90-1	1.83	1.89	1.91	1.88	2.45	ppb
Zirconium	91-1	1.86	1.79	1.97	1.87	4.96	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-13	Instrumnet Name :	P8
Client Sample ID :	MH1FH5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:46:56	DataFile Name :	149AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23750.93	23734.06	23226.66	23570.55	1.26	ppb
Antimony	121-1	2.86	3.00	2.94	2.93	2.41	ppb
Arsenic	75-2	31.53	31.61	30.36	31.16	2.25	ppb
Barium	135-1	726.86	723.72	727.91	726.16	0.30	ppb
Barium	137-1	759.07	761.06	746.04	755.39	1.08	ppb
Beryllium	9-1	2.75	2.62	2.87	2.75	4.52	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	42.13	45.15	44.26	43.84	3.54	ppb
Boron	11-1	43.04	42.76	47.74	44.52	6.29	ppb
Bromine	81-1						cps
Cadmium	111-1	11.22	11.51	11.20	11.31	1.52	ppb
Cadmium	106-1	7.53	8.73	10.79	9.02	18.24	ppb
Cadmium	108-1	11.04	10.88	11.37	11.10	2.22	ppb
Calcium	43-1	91635.22	92790.01	91191.81	91872.35	0.90	ppb
Calcium	44-1	90331.03	90650.63	90367.74	90449.80	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.10	79.53	78.08	78.57	1.06	ppb
Cobalt	59-2	25.97	25.04	24.67	25.23	2.65	ppb
Copper	63-2	292.37	289.55	287.17	289.70	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	54-2	72725.91	71787.75	71466.72	71993.46	0.91	ppb
Iron	56-2	72796.12	70970.81	70061.87	71276.27	1.95	ppb
Iron	57-2	75227.23	72259.15	71623.16	73036.51	2.63	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-13	Instrumnet Name :	P8
Client Sample ID :	MH1FH5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:46:56	DataFile Name :	149AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	881.32	874.86	868.84	875.01	0.71	ppb
Lead	207-1	852.77	839.51	832.54	841.61	1.22	ppb
Lead	208-1	857.97	843.92	841.97	847.95	1.03	ppb
Lithium	6-1				104		%
Magnesium	24-2	13753.85	13547.38	13222.29	13507.84	1.98	ppb
Manganese	55-2	2627.94	2648.21	2607.41	2627.86	0.78	ppb
Molybdenum	94-1	8.15	7.86	8.38	8.13	3.20	ppb
Molybdenum	95-1	4.81	4.67	4.51	4.66	3.25	ppb
Molybdenum	96-1	5.71	5.44	5.80	5.65	3.35	ppb
Molybdenum	97-1	4.81	4.76	4.85	4.80	0.91	ppb
Molybdenum	98-1	4.68	4.51	4.62	4.60	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.27	69.40	68.09	68.92	1.05	ppb
Phosphorus	31-2	6753.14	6929.32	6360.01	6680.82	4.36	ppb
Potassium	39-2	6330.73	6265.89	6199.15	6265.26	1.05	ppb
Rhodium	103-1				101		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				82		%
Selenium	82-1	3.28	4.10	3.39	3.59	12.32	ppb
Selenium	77-2	39.24	47.52	48.62	45.13	11.37	ppb
Selenium	78-2	8.98	9.50	10.43	9.64	7.63	ppb
Silicon	28-1	1689.27	1751.66	2237.69	1892.87	15.86	ppb
Silver	107-1	4.80	4.78	4.58	4.72	2.62	ppb
Silver	109-1	4.60	4.96	4.82	4.79	3.79	ppb
Sodium	23-2	1047.46	1050.65	1035.38	1044.50	0.77	ppb
Strontium	86-1	458.99	441.90	439.90	446.93	2.35	ppb
Strontium	88-1	452.67	436.89	437.02	442.19	2.05	ppb
Sulfur	34-1	1055.91	1095.07	1024.02	1058.33	3.36	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.61	0.71	0.58	0.63	10.66	ppb
Thallium	205-1	0.68	0.67	0.71	0.69	3.11	ppb
Tin	118-1	24.24	24.60	24.67	24.50	0.94	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-13	Instrumnet Name :	P8
Client Sample ID :	MH1FH5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:46:56	DataFile Name :	149AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	317.54	310.41	306.83	311.59	1.75	ppb
Uranium	238-1	5.36	5.51	5.45	5.44	1.38	ppb
Vanadium	51-2	98.52	96.75	95.07	96.78	1.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				94		%
Zinc	66-2	2693.14	2718.26	2643.09	2684.83	1.43	ppb
Zirconium	90-1	2.18	2.36	2.23	2.26	4.06	ppb
Zirconium	91-1	2.14	2.23	2.19	2.19	2.12	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-14	Instrumnet Name :	P8
Client Sample ID :	MH1FH6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:49:52	DataFile Name :	150AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30721.69	30245.03	30105.01	30357.24	1.06	ppb
Antimony	121-1	2.84	2.85	3.02	2.90	3.42	ppb
Arsenic	75-2	41.67	41.20	39.29	40.72	3.09	ppb
Barium	135-1	1007.65	992.71	1029.77	1010.04	1.85	ppb
Barium	137-1	1023.50	979.40	1031.46	1011.46	2.77	ppb
Beryllium	9-1	3.83	3.81	4.06	3.90	3.43	ppb
Bismuth	209-1				118		%
Bismuth	209-2				102		%
Boron	10-1	47.80	49.34	54.55	50.56	6.99	ppb
Boron	11-1	48.17	50.59	54.79	51.18	6.55	ppb
Bromine	81-1						cps
Cadmium	111-1	13.75	14.25	13.98	13.99	1.77	ppb
Cadmium	106-1	10.01	12.40	15.08	12.50	20.31	ppb
Cadmium	108-1	13.95	12.89	14.52	13.79	5.99	ppb
Calcium	43-1	103401.41	106319.50	103332.79	104351.24	1.63	ppb
Calcium	44-1	101863.94	103159.02	101433.86	102152.27	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.90	58.67	58.74	59.10	1.17	ppb
Cobalt	59-2	30.56	30.45	29.73	30.25	1.48	ppb
Copper	63-2	337.19	332.16	334.63	334.66	0.75	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				113		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				89		%
Iron	54-2	83382.40	82418.65	85063.62	83621.56	1.60	ppb
Iron	56-2	85470.51	82446.77	83718.93	83878.74	1.81	ppb
Iron	57-2	83873.21	85260.38	84875.46	84669.68	0.85	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-14	Instrumnet Name :	P8
Client Sample ID :	MH1FH6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:49:52	DataFile Name :	150AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1143.82	1151.19	1161.67	1152.23	0.78	ppb
Lead	207-1	1072.54	1134.36	1147.03	1117.98	3.57	ppb
Lead	208-1	1083.66	1140.92	1148.51	1124.36	3.15	ppb
Lithium	6-1				100		%
Magnesium	24-2	14003.16	13885.46	13814.65	13901.09	0.69	ppb
Manganese	55-2	3166.29	3096.56	3139.53	3134.13	1.12	ppb
Molybdenum	94-1	10.08	9.94	14.85	11.62	24.01	ppb
Molybdenum	95-1	4.40	4.30	4.39	4.36	1.21	ppb
Molybdenum	96-1	5.60	5.55	5.54	5.56	0.57	ppb
Molybdenum	97-1	4.39	4.28	4.44	4.37	1.92	ppb
Molybdenum	98-1	4.53	4.38	4.35	4.42	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.95	85.39	86.10	85.81	0.44	ppb
Phosphorus	31-2	6085.39	6200.42	6257.88	6181.23	1.42	ppb
Potassium	39-2	6284.30	6254.65	6229.83	6256.26	0.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				81		%
Selenium	82-1	5.18	3.91	2.86	3.98	29.18	ppb
Selenium	77-2	45.54	49.77	41.71	45.67	8.83	ppb
Selenium	78-2	10.35	9.94	11.01	10.43	5.17	ppb
Silicon	28-1	2125.99	2252.55	2390.16	2256.23	5.86	ppb
Silver	107-1	5.20	4.91	5.18	5.10	3.15	ppb
Silver	109-1	5.45	5.15	5.43	5.35	3.13	ppb
Sodium	23-2	1497.53	1504.90	1520.51	1507.65	0.78	ppb
Strontium	86-1	524.54	518.34	538.10	526.99	1.92	ppb
Strontium	88-1	528.64	519.08	532.41	526.71	1.30	ppb
Sulfur	34-1	1.80	76.43	-186.81	-36.19		ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.77	0.76	0.86	0.80	6.87	ppb
Thallium	205-1	0.81	0.82	0.81	0.81	1.08	ppb
Tin	118-1	28.95	28.34	30.07	29.12	3.02	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-14	Instrumnet Name :	P8
Client Sample ID :	MH1FH6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:49:52	DataFile Name :	150AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	374.57	380.35	385.31	380.07	1.41	ppb
Uranium	238-1	5.39	5.34	5.25	5.32	1.31	ppb
Vanadium	51-2	116.97	114.23	115.64	115.61	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				94		%
Zinc	66-2	3486.04	3457.52	3417.22	3453.59	1.00	ppb
Zirconium	90-1	3.08	3.03	3.14	3.09	1.82	ppb
Zirconium	91-1	3.13	2.89	3.19	3.07	5.20	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P8
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:52:46	DataFile Name :	151CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52624.34	50461.15	49784.86	50956.78	2.91	ppb
Antimony	121-1	452.06	443.04	471.57	455.56	3.20	ppb
Arsenic	75-2	505.08	506.06	497.19	502.78	0.97	ppb
Barium	135-1	2306.48	2389.84	2550.84	2415.72	5.14	ppb
Barium	137-1	2346.99	2375.83	2565.66	2429.49	4.89	ppb
Beryllium	9-1	488.16	487.48	475.29	483.64	1.50	ppb
Bismuth	209-1				110		%
Bismuth	209-2				95		%
Boron	10-1	455.72	492.13	501.64	483.16	5.02	ppb
Boron	11-1	462.24	497.69	507.19	489.04	4.84	ppb
Bromine	81-1						cps
Cadmium	111-1	477.16	471.85	492.76	480.59	2.26	ppb
Cadmium	106-1	464.05	464.74	472.23	467.00	0.97	ppb
Cadmium	108-1	466.61	469.94	493.43	476.66	3.07	ppb
Calcium	43-1	248375.71	259109.49	256268.85	254584.68	2.18	ppb
Calcium	44-1	252060.61	256162.89	257514.72	255246.07	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.59	494.88	486.79	496.08	2.01	ppb
Cobalt	59-2	565.29	554.28	525.28	548.28	3.77	ppb
Copper	63-2	5421.02	5234.96	5211.03	5289.00	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				112		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				85		%
Iron	54-2	135748.68	132020.86	131714.42	133161.32	1.69	ppb
Iron	56-2	134359.95	129079.28	130799.38	131412.87	2.05	ppb
Iron	57-2	133730.38	129393.16	127965.95	130363.17	2.30	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P8
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:52:46	DataFile Name :	151CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2357.05	2324.62	2500.71	2394.13	3.91	ppb
Lead	207-1	2429.75	2368.10	2502.76	2433.54	2.77	ppb
Lead	208-1	2433.16	2425.26	2487.20	2448.54	1.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	260690.14	255592.60	253715.52	256666.09	1.41	ppb
Manganese	55-2	5389.78	5212.33	5150.56	5250.89	2.37	ppb
Molybdenum	94-1	5451.72	5368.96	5524.62	5448.43	1.43	ppb
Molybdenum	95-1	5435.53	5350.79	5604.36	5463.56	2.36	ppb
Molybdenum	96-1	5499.99	5420.13	5585.89	5502.00	1.51	ppb
Molybdenum	97-1	5547.13	5346.61	5632.45	5508.73	2.66	ppb
Molybdenum	98-1	5543.60	5398.83	5676.94	5539.79	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.41	534.71	526.73	534.28	1.38	ppb
Phosphorus	31-2	9810.67	9583.65	9532.14	9642.15	1.54	ppb
Potassium	39-2	125663.74	122470.77	121593.02	123242.51	1.74	ppb
Rhodium	103-1				96		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				78		%
Selenium	82-1	499.74	499.01	497.92	498.89	0.18	ppb
Selenium	77-2	505.40	528.52	517.23	517.05	2.24	ppb
Selenium	78-2	513.12	520.17	503.11	512.13	1.67	ppb
Silicon	28-1	489.00	547.81	520.71	519.17	5.67	ppb
Silver	107-1	467.05	482.65	479.01	476.24	1.71	ppb
Silver	109-1	482.08	461.02	490.48	477.86	3.18	ppb
Sodium	23-2	262288.84	258230.97	259424.61	259981.47	0.80	ppb
Strontium	86-1	4799.36	4753.04	4914.72	4822.37	1.73	ppb
Strontium	88-1	4858.45	4832.89	4912.93	4868.09	0.84	ppb
Sulfur	34-1	10323.46	10699.23	9856.07	10292.92	4.10	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	483.54	504.08	504.37	497.33	2.40	ppb
Thallium	205-1	493.10	472.55	511.61	492.42	3.97	ppb
Tin	118-1	460.81	479.46	490.70	476.99	3.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P8
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:52:46	DataFile Name :	151CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5376.46	5480.31	5488.37	5448.38	1.15	ppb
Uranium	238-1	511.54	514.01	517.80	514.45	0.61	ppb
Vanadium	51-2	514.59	497.04	492.24	501.29	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				83		%
Zinc	66-2	5105.91	4979.30	4977.12	5020.78	1.47	ppb
Zirconium	90-1	491.53	492.24	494.18	492.65	0.28	ppb
Zirconium	91-1	495.13	491.51	485.89	490.84	0.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P8
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:00:24	DataFile Name :	152CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.51	1.35	1.30	1.72	39.81	ppb
Antimony	121-1	0.05	0.04	0.07	0.05	29.24	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.12	0.11	0.09	0.10	13.58	ppb
Barium	137-1	0.16	0.07	0.03	0.09	74.57	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	47.55	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	14.16	15.08	13.33	14.19	6.18	ppb
Boron	11-1	14.90	14.67	13.60	14.39	4.83	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.07	-0.05	-0.06		ppb
Cadmium	106-1	-5.21	-6.60	-4.88	-5.56		ppb
Cadmium	108-1	-0.16	-0.16	-0.16	-0.16		ppb
Calcium	43-1	15.84	13.70	10.35	13.30	20.80	ppb
Calcium	44-1	-1.92	-4.43	-4.96	-3.77		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	78.29	ppb
Copper	63-2	0.18	0.12	0.13	0.14	24.19	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				108		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				87		%
Iron	54-2	4.33	2.67	3.12	3.37	25.43	ppb
Iron	56-2	4.36	4.74	3.49	4.20	15.18	ppb
Iron	57-2	3.31	4.17	4.09	3.86	12.28	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P8
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:00:24	DataFile Name :	152CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.13	0.09	0.12	27.92	ppb
Lead	207-1	0.12	0.08	0.10	0.10	24.09	ppb
Lead	208-1	0.13	0.10	0.10	0.11	17.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.02	3.94	3.33	3.10	31.69	ppb
Manganese	55-2	0.22	0.18	0.18	0.19	10.56	ppb
Molybdenum	94-1	0.13	0.13	0.10	0.12	15.00	ppb
Molybdenum	95-1	0.17	0.12	0.12	0.14	22.70	ppb
Molybdenum	96-1	0.16	0.11	0.11	0.13	22.80	ppb
Molybdenum	97-1	0.21	0.15	0.09	0.15	38.57	ppb
Molybdenum	98-1	0.16	0.12	0.09	0.12	28.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	0.03	0.00		ppb
Phosphorus	31-2	-42.34	-18.27	-30.41	-30.34		ppb
Potassium	39-2	-11.39	-5.54	-4.03	-6.99		ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				76		%
Selenium	82-1	0.91	1.16	0.89	0.99	15.19	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.15	-0.31	-0.93		ppb
Silicon	28-1	-21.19	-24.76	-20.30	-22.08		ppb
Silver	107-1	0.01	0.00	0.00	0.00	259.86	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.37	ppb
Sodium	23-2	1.18	-0.35	0.09	0.30	258.78	ppb
Strontium	86-1	0.15	0.14	0.06	0.12	44.16	ppb
Strontium	88-1	0.15	0.08	0.07	0.10	42.10	ppb
Sulfur	34-1	-1395.58	-1651.38	-1185.48	-1410.81		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	-0.03	-0.06	-0.06	-0.05		ppb
Thallium	205-1	-0.02	-0.04	-0.05	-0.04		ppb
Tin	118-1	-0.13	-0.13	-0.13	-0.13		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P8
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:00:24	DataFile Name :	152CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.07	0.12	0.07	80.48	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.96	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	68.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				83		%
Zinc	66-2	0.30	0.16	0.07	0.18	63.79	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	37.21	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	66.40	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-15	Instrumnet Name :	P8
Client Sample ID :	MH1FH7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:03:29	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28507.38	27670.34	27617.29	27931.67	1.79	ppb
Antimony	121-1	2.26	2.40	2.18	2.28	4.82	ppb
Arsenic	75-2	35.20	34.41	35.47	35.03	1.57	ppb
Barium	135-1	695.93	681.09	657.12	678.05	2.89	ppb
Barium	137-1	732.12	724.45	676.76	711.11	4.22	ppb
Beryllium	9-1	3.18	3.14	3.08	3.13	1.70	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	29.13	32.29	32.41	31.28	5.96	ppb
Boron	11-1	30.35	30.67	33.48	31.50	5.46	ppb
Bromine	81-1						cps
Cadmium	111-1	11.69	12.07	11.28	11.68	3.41	ppb
Cadmium	106-1	7.55	9.04	6.33	7.64	17.74	ppb
Cadmium	108-1	12.29	12.06	11.08	11.81	5.48	ppb
Calcium	43-1	73736.26	75080.98	74284.64	74367.29	0.91	ppb
Calcium	44-1	74042.00	73619.19	72680.38	73447.19	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.95	38.54	36.94	37.81	2.14	ppb
Cobalt	59-2	28.26	28.05	28.27	28.19	0.44	ppb
Copper	63-2	236.45	235.29	233.25	235.00	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				90		%
Iron	54-2	71692.61	72176.71	70905.10	71591.47	0.90	ppb
Iron	56-2	72831.65	72777.59	69452.31	71687.19	2.70	ppb
Iron	57-2	73799.49	74828.84	72459.67	73696.00	1.61	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-15	Instrumnet Name :	P8
Client Sample ID :	MH1FH7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:03:29	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	864.04	865.27	801.61	843.64	4.32	ppb
Lead	207-1	821.17	833.98	793.79	816.31	2.51	ppb
Lead	208-1	850.08	841.41	798.18	829.89	3.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	12928.10	12466.01	11970.83	12454.98	3.84	ppb
Manganese	55-2	2604.67	2479.12	2479.82	2521.20	2.87	ppb
Molybdenum	94-1	8.82	8.53	7.98	8.44	5.06	ppb
Molybdenum	95-1	4.24	4.29	3.93	4.15	4.64	ppb
Molybdenum	96-1	5.22	5.32	5.23	5.26	1.02	ppb
Molybdenum	97-1	4.51	4.36	4.37	4.41	1.85	ppb
Molybdenum	98-1	4.26	4.29	3.96	4.17	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.42	73.86	72.92	73.40	0.64	ppb
Phosphorus	31-2	5017.82	4950.72	5079.21	5015.91	1.28	ppb
Potassium	39-2	5867.70	6028.72	5750.54	5882.32	2.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				81		%
Selenium	82-1	3.56	3.54	3.04	3.38	8.76	ppb
Selenium	77-2	49.93	41.55	68.42	53.30	25.79	ppb
Selenium	78-2	10.55	8.07	10.09	9.57	13.74	ppb
Silicon	28-1	2093.71	2173.16	2103.42	2123.43	2.04	ppb
Silver	107-1	3.72	3.54	3.47	3.58	3.66	ppb
Silver	109-1	3.69	3.52	3.42	3.54	3.81	ppb
Sodium	23-2	832.69	836.05	814.23	827.66	1.42	ppb
Strontium	86-1	353.37	355.79	338.79	349.32	2.63	ppb
Strontium	88-1	358.39	354.24	347.13	353.25	1.61	ppb
Sulfur	34-1	-1041.41	-634.38	-597.88	-757.89		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.95	0.85	0.87	0.89	5.81	ppb
Thallium	205-1	0.95	0.95	0.82	0.91	8.05	ppb
Tin	118-1	17.97	17.47	16.91	17.45	3.05	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-15	Instrumnet Name :	P8
Client Sample ID :	MH1FH7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:03:29	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	307.05	317.98	311.14	312.05	1.77	ppb
Uranium	238-1	5.18	4.90	4.79	4.95	4.05	ppb
Vanadium	51-2	110.01	108.48	107.73	108.74	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	2057.00	2085.53	2044.45	2062.33	1.02	ppb
Zirconium	90-1	2.65	2.81	2.69	2.72	3.03	ppb
Zirconium	91-1	2.84	2.76	2.67	2.76	3.19	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-16	Instrumnet Name :	P8
Client Sample ID :	MH1FH8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:06:22	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27198.43	27232.55	26844.15	27091.71	0.79	ppb
Antimony	121-1	1.50	1.50	1.59	1.53	3.28	ppb
Arsenic	75-2	30.28	29.56	29.65	29.83	1.31	ppb
Barium	135-1	568.02	579.58	584.95	577.52	1.50	ppb
Barium	137-1	590.43	612.52	582.98	595.31	2.58	ppb
Beryllium	9-1	2.56	2.52	2.44	2.50	2.52	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	21.94	23.09	23.27	22.77	3.17	ppb
Boron	11-1	22.71	23.54	23.31	23.19	1.84	ppb
Bromine	81-1						cps
Cadmium	111-1	5.43	5.44	5.19	5.35	2.71	ppb
Cadmium	106-1	3.63	4.53	3.67	3.94	12.85	ppb
Cadmium	108-1	4.88	4.45	5.22	4.85	7.97	ppb
Calcium	43-1	58207.04	58123.69	58832.48	58387.74	0.66	ppb
Calcium	44-1	57683.64	58614.46	58737.46	58345.19	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.74	36.91	36.77	36.47	1.76	ppb
Cobalt	59-2	25.24	25.58	25.64	25.49	0.84	ppb
Copper	63-2	137.12	139.42	138.90	138.48	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				114		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				90		%
Iron	54-2	58272.42	60197.20	59041.25	59170.29	1.64	ppb
Iron	56-2	58061.81	58893.98	57487.47	58147.76	1.22	ppb
Iron	57-2	58822.47	59878.71	58755.03	59152.07	1.07	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-16	Instrumnet Name :	P8
Client Sample ID :	MH1FH8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:06:22	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	316.29	293.69	309.35	306.44	3.78	ppb
Lead	207-1	296.24	287.97	300.61	294.94	2.18	ppb
Lead	208-1	313.00	308.26	314.35	311.87	1.02	ppb
Lithium	6-1				102		%
Magnesium	24-2	12163.18	12346.17	12320.85	12276.73	0.81	ppb
Manganese	55-2	1537.93	1558.80	1631.60	1576.11	3.12	ppb
Molybdenum	94-1	7.37	7.34	7.45	7.39	0.80	ppb
Molybdenum	95-1	4.35	4.01	4.30	4.22	4.29	ppb
Molybdenum	96-1	4.97	4.89	5.25	5.04	3.80	ppb
Molybdenum	97-1	4.35	4.28	4.32	4.32	0.86	ppb
Molybdenum	98-1	4.32	4.12	4.41	4.28	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.92	68.21	67.07	67.07	1.71	ppb
Phosphorus	31-2	3498.61	3500.37	3218.50	3405.83	4.76	ppb
Potassium	39-2	6384.58	6523.05	6521.95	6476.53	1.23	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				82		%
Selenium	82-1	3.66	2.95	1.09	2.57	51.65	ppb
Selenium	77-2	57.10	49.28	45.89	50.76	11.33	ppb
Selenium	78-2	9.90	8.93	7.85	8.89	11.57	ppb
Silicon	28-1	1970.76	1769.03	1763.32	1834.37	6.44	ppb
Silver	107-1	1.67	1.73	1.76	1.72	2.52	ppb
Silver	109-1	1.75	1.71	1.75	1.74	1.31	ppb
Sodium	23-2	636.85	671.99	662.09	656.98	2.76	ppb
Strontium	86-1	244.38	246.40	255.59	248.79	2.40	ppb
Strontium	88-1	247.43	239.93	251.20	246.19	2.33	ppb
Sulfur	34-1	-1597.17	-1587.98	-1632.50	-1605.88		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.79	0.82	0.90	0.83	6.80	ppb
Thallium	205-1	0.81	0.81	0.83	0.82	1.49	ppb
Tin	118-1	6.99	7.46	7.37	7.27	3.46	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-16	Instrumnet Name :	P8
Client Sample ID :	MH1FH8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:06:22	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	205.04	203.52	203.44	204.00	0.44	ppb
Uranium	238-1	3.96	3.76	4.00	3.91	3.34	ppb
Vanadium	51-2	105.30	106.50	106.89	106.23	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				94		%
Zinc	66-2	816.33	833.26	828.66	826.08	1.06	ppb
Zirconium	90-1	2.00	2.05	2.09	2.05	2.11	ppb
Zirconium	91-1	2.11	2.02	1.98	2.03	3.20	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-17	Instrumnet Name :	P8
Client Sample ID :	MH1FH9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:09:18	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24535.27	23960.91	24975.23	24490.47	2.08	ppb
Antimony	121-1	4.41	4.38	4.47	4.42	1.05	ppb
Arsenic	75-2	29.79	30.62	28.68	29.70	3.28	ppb
Barium	135-1	761.18	731.76	738.60	743.84	2.07	ppb
Barium	137-1	792.90	764.12	795.55	784.19	2.22	ppb
Beryllium	9-1	3.34	3.01	3.19	3.18	5.09	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	47.27	48.39	49.74	48.47	2.55	ppb
Boron	11-1	47.63	47.93	49.51	48.36	2.09	ppb
Bromine	81-1						cps
Cadmium	111-1	11.30	11.12	11.64	11.35	2.34	ppb
Cadmium	106-1	8.19	9.34	7.50	8.35	11.11	ppb
Cadmium	108-1	11.29	10.83	11.37	11.16	2.62	ppb
Calcium	43-1	121754.30	124637.14	121426.92	122606.12	1.44	ppb
Calcium	44-1	119538.18	125731.36	120704.27	121991.27	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.11	96.87	99.47	98.15	1.33	ppb
Cobalt	59-2	24.93	24.37	24.97	24.76	1.37	ppb
Copper	63-2	241.84	238.12	245.48	241.81	1.52	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				112		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				89		%
Iron	54-2	75231.41	71958.89	75879.35	74356.55	2.83	ppb
Iron	56-2	76077.13	72979.50	75506.23	74854.29	2.20	ppb
Iron	57-2	77319.17	73709.03	75621.64	75549.95	2.39	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-17	Instrumnet Name :	P8
Client Sample ID :	MH1FH9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:09:18	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	998.36	1019.75	988.68	1002.27	1.59	ppb
Lead	207-1	949.17	988.56	942.13	959.95	2.61	ppb
Lead	208-1	960.36	997.18	944.76	967.44	2.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	23079.40	22880.23	23703.46	23221.03	1.85	ppb
Manganese	55-2	3212.25	3108.65	3287.64	3202.85	2.81	ppb
Molybdenum	94-1	10.30	10.07	10.09	10.15	1.26	ppb
Molybdenum	95-1	4.98	4.80	5.24	5.01	4.35	ppb
Molybdenum	96-1	5.98	6.01	5.91	5.97	0.82	ppb
Molybdenum	97-1	5.15	5.00	4.98	5.05	1.80	ppb
Molybdenum	98-1	4.91	5.01	5.02	4.98	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.16	69.99	72.36	71.17	1.67	ppb
Phosphorus	31-2	6839.44	7062.90	7302.65	7068.33	3.28	ppb
Potassium	39-2	8284.78	8013.93	8327.09	8208.60	2.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				81		%
Selenium	82-1	3.06	3.63	2.72	3.14	14.60	ppb
Selenium	77-2	43.57	41.64	30.41	38.54	18.44	ppb
Selenium	78-2	8.50	9.14	8.98	8.87	3.72	ppb
Silicon	28-1	3151.55	3256.25	3186.16	3197.99	1.67	ppb
Silver	107-1	3.41	3.25	3.47	3.38	3.44	ppb
Silver	109-1	3.45	3.38	3.45	3.43	1.21	ppb
Sodium	23-2	604.43	599.61	624.06	609.37	2.13	ppb
Strontium	86-1	425.37	410.30	428.27	421.31	2.29	ppb
Strontium	88-1	424.80	409.67	418.49	417.65	1.82	ppb
Sulfur	34-1	-564.34	-332.95	-498.58	-465.29		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	0.54	0.56	0.52	0.54	3.86	ppb
Thallium	205-1	0.58	0.57	0.59	0.58	1.75	ppb
Tin	118-1	22.65	21.59	22.84	22.36	3.02	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-17	Instrumnet Name :	P8
Client Sample ID :	MH1FH9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:09:18	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	352.76	351.93	356.15	353.61	0.63	ppb
Uranium	238-1	4.51	4.57	4.34	4.48	2.67	ppb
Vanadium	51-2	103.28	99.83	103.73	102.28	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				92		%
Zinc	66-2	3208.58	3173.99	3238.83	3207.13	1.01	ppb
Zirconium	90-1	3.25	3.23	3.30	3.26	1.25	ppb
Zirconium	91-1	3.17	3.25	3.16	3.19	1.50	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-18	Instrumnet Name :	P8
Client Sample ID :	MH1FJ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:12:12	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27737.07	26331.43	25642.67	26570.39	4.02	ppb
Antimony	121-1	3.62	3.36	3.51	3.50	3.71	ppb
Arsenic	75-2	37.59	35.93	34.73	36.08	3.99	ppb
Barium	135-1	893.84	845.05	893.93	877.61	3.21	ppb
Barium	137-1	916.33	889.06	907.23	904.21	1.54	ppb
Beryllium	9-1	3.15	3.39	3.30	3.28	3.72	ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	10-1	63.77	68.84	72.20	68.27	6.22	ppb
Boron	11-1	63.52	65.69	68.67	65.96	3.92	ppb
Bromine	81-1						cps
Cadmium	111-1	13.57	12.20	12.13	12.63	6.42	ppb
Cadmium	106-1	7.86	8.45	7.86	8.06	4.20	ppb
Cadmium	108-1	13.18	12.77	13.22	13.06	1.91	ppb
Calcium	43-1	132091.06	136796.87	132656.58	133848.17	1.92	ppb
Calcium	44-1	131402.82	136828.00	131697.03	133309.28	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.48	67.36	65.61	68.15	4.42	ppb
Cobalt	59-2	31.24	29.03	28.14	29.47	5.43	ppb
Copper	63-2	288.92	277.18	263.29	276.46	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				113		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				86		%
Iron	54-2	85068.52	85063.09	79726.07	83285.90	3.70	ppb
Iron	56-2	86337.47	83707.58	78820.74	82955.26	4.60	ppb
Iron	57-2	88748.30	83840.38	80068.83	84219.17	5.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-18	Instrumnet Name :	P8
Client Sample ID :	MH1FJ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:12:12	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1197.52	1176.82	1223.76	1199.37	1.96	ppb
Lead	207-1	1158.40	1145.73	1227.55	1177.23	3.74	ppb
Lead	208-1	1157.11	1157.09	1210.03	1174.74	2.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	21154.39	19736.07	19198.07	20029.51	5.05	ppb
Manganese	55-2	3036.68	2940.60	2815.00	2930.76	3.79	ppb
Molybdenum	94-1	9.87	10.33	10.42	10.21	2.93	ppb
Molybdenum	95-1	4.83	5.14	5.05	5.01	3.21	ppb
Molybdenum	96-1	5.97	6.06	5.96	6.00	0.87	ppb
Molybdenum	97-1	4.78	5.17	5.18	5.04	4.54	ppb
Molybdenum	98-1	4.76	5.03	4.98	4.93	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.92	97.55	93.29	97.59	4.42	ppb
Phosphorus	31-2	7898.34	7403.98	7123.32	7475.21	5.25	ppb
Potassium	39-2	8589.95	8122.88	8113.62	8275.48	3.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				78		%
Selenium	82-1	3.24	3.58	2.58	3.13	16.25	ppb
Selenium	77-2	46.78	57.54	47.39	50.57	11.95	ppb
Selenium	78-2	8.84	7.26	9.60	8.57	13.97	ppb
Silicon	28-1	1923.49	2104.29	2067.22	2031.66	4.70	ppb
Silver	107-1	4.06	3.97	4.09	4.04	1.54	ppb
Silver	109-1	4.18	4.20	4.16	4.18	0.50	ppb
Sodium	23-2	1063.80	995.01	971.13	1009.98	4.76	ppb
Strontium	86-1	529.88	536.86	562.69	543.15	3.18	ppb
Strontium	88-1	541.77	545.48	550.36	545.87	0.79	ppb
Sulfur	34-1	-952.14	-77.06	-270.55	-433.25		ppb
Terbium	159-1				112		%
Terbium	159-2				99		%
Thallium	203-1	0.64	0.69	0.71	0.68	5.60	ppb
Thallium	205-1	0.66	0.68	0.70	0.68	2.77	ppb
Tin	118-1	25.92	24.55	24.57	25.01	3.13	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-18	Instrumnet Name :	P8
Client Sample ID :	MH1FJ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:12:12	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	334.86	360.38	348.40	347.88	3.67	ppb
Uranium	238-1	4.58	4.47	4.77	4.61	3.26	ppb
Vanadium	51-2	123.29	115.68	112.64	117.20	4.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				90		%
Zinc	66-2	3676.29	3463.55	3438.02	3525.95	3.71	ppb
Zirconium	90-1	3.14	3.22	3.26	3.21	1.79	ppb
Zirconium	91-1	3.15	3.35	3.27	3.26	3.13	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-19	Instrumnet Name :	P8
Client Sample ID :	MH1FJ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:15:09	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26610.15	26100.09	26734.98	26481.74	1.27	ppb
Antimony	121-1	2.88	2.89	2.83	2.87	1.05	ppb
Arsenic	75-2	32.22	32.25	32.63	32.36	0.72	ppb
Barium	135-1	810.76	795.75	767.26	791.26	2.79	ppb
Barium	137-1	849.83	820.84	816.01	828.89	2.21	ppb
Beryllium	9-1	3.22	3.35	3.31	3.29	2.03	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	54.27	57.06	56.21	55.85	2.56	ppb
Boron	11-1	54.93	57.41	56.12	56.15	2.21	ppb
Bromine	81-1						cps
Cadmium	111-1	9.59	9.67	9.20	9.49	2.65	ppb
Cadmium	106-1	5.93	6.94	5.56	6.15	11.65	ppb
Cadmium	108-1	9.92	9.85	8.45	9.41	8.81	ppb
Calcium	43-1	84604.76	90156.44	85910.02	86890.41	3.34	ppb
Calcium	44-1	84791.44	88509.40	84095.64	85798.83	2.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.51	37.15	37.33	37.67	1.95	ppb
Cobalt	59-2	29.35	29.27	29.65	29.42	0.68	ppb
Copper	63-2	206.61	203.48	205.71	205.27	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				110		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				89		%
Iron	54-2	72873.33	73626.46	71869.77	72789.85	1.21	ppb
Iron	56-2	73374.97	73859.84	71303.08	72845.96	1.86	ppb
Iron	57-2	73811.54	73260.00	73221.23	73430.92	0.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-19	Instrumnet Name :	P8
Client Sample ID :	MH1FJ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:15:09	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	869.93	901.90	876.85	882.89	1.90	ppb
Lead	207-1	863.29	879.04	842.28	861.54	2.14	ppb
Lead	208-1	866.99	883.08	846.51	865.53	2.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	12573.76	12196.31	12299.43	12356.50	1.58	ppb
Manganese	55-2	2432.43	2392.31	2441.17	2421.97	1.08	ppb
Molybdenum	94-1	9.56	9.93	9.51	9.67	2.39	ppb
Molybdenum	95-1	4.76	4.63	4.67	4.69	1.35	ppb
Molybdenum	96-1	5.83	5.85	5.80	5.83	0.37	ppb
Molybdenum	97-1	4.73	4.87	4.70	4.77	1.87	ppb
Molybdenum	98-1	5.06	4.87	4.63	4.85	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.83	71.08	71.44	71.11	0.43	ppb
Phosphorus	31-2	6243.50	6036.96	6356.70	6212.38	2.61	ppb
Potassium	39-2	7634.26	7481.27	7680.83	7598.78	1.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				81		%
Selenium	82-1	2.71	2.44	3.76	2.97	23.45	ppb
Selenium	77-2	48.38	41.63	52.78	47.59	11.80	ppb
Selenium	78-2	10.41	9.31	9.11	9.61	7.29	ppb
Silicon	28-1	2230.83	2220.64	2173.33	2208.27	1.39	ppb
Silver	107-1	2.99	3.04	2.83	2.96	3.77	ppb
Silver	109-1	3.20	3.15	2.96	3.10	4.16	ppb
Sodium	23-2	1009.12	950.38	984.08	981.19	3.00	ppb
Strontium	86-1	431.04	433.07	417.92	427.34	1.92	ppb
Strontium	88-1	426.86	435.13	415.00	425.67	2.38	ppb
Sulfur	34-1	-194.03	-82.82	-562.80	-279.89		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.81	0.79	0.71	0.77	6.92	ppb
Thallium	205-1	0.81	0.83	0.78	0.80	3.10	ppb
Tin	118-1	22.40	22.24	21.58	22.07	1.96	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-19	Instrumnet Name :	P8
Client Sample ID :	MH1FJ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:15:09	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	347.60	353.34	339.36	346.77	2.03	ppb
Uranium	238-1	4.93	5.04	4.70	4.89	3.53	ppb
Vanadium	51-2	109.35	108.03	109.52	108.96	0.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				92		%
Zinc	66-2	2513.65	2481.62	2512.33	2502.53	0.72	ppb
Zirconium	90-1	3.05	3.29	2.91	3.08	6.18	ppb
Zirconium	91-1	2.86	3.12	3.01	3.00	4.33	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:18:02	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49107.53	52795.74	49128.35	50343.87	4.22	ppb
Antimony	121-1	2.33	2.16	2.25	2.25	3.68	ppb
Arsenic	75-2	69.52	74.74	67.29	70.52	5.42	ppb
Barium	135-1	1229.53	1198.97	1218.13	1215.55	1.27	ppb
Barium	137-1	1233.30	1198.47	1206.12	1212.63	1.51	ppb
Beryllium	9-1	4.14	4.33	4.40	4.29	3.15	ppb
Bismuth	209-1				115		%
Bismuth	209-2				99		%
Boron	10-1	41.67	43.58	43.28	42.84	2.40	ppb
Boron	11-1	41.20	43.64	44.98	43.27	4.43	ppb
Bromine	81-1						cps
Cadmium	111-1	15.34	14.37	14.58	14.76	3.44	ppb
Cadmium	106-1	15.23	11.61	12.79	13.21	13.94	ppb
Cadmium	108-1	14.32	14.60	13.66	14.19	3.44	ppb
Calcium	43-1	140406.37	140314.44	142269.38	140996.73	0.78	ppb
Calcium	44-1	142123.59	138851.83	142750.27	141241.90	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.89	135.36	128.39	131.21	2.79	ppb
Cobalt	59-2	55.51	58.27	55.83	56.54	2.67	ppb
Copper	63-2	432.52	444.73	428.84	435.36	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				115		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				85		%
Iron	54-2	127821.65	132471.63	126489.32	128927.53	2.44	ppb
Iron	56-2	127040.05	131729.76	123253.15	127340.99	3.33	ppb
Iron	57-2	127950.05	131920.25	127611.66	129160.65	1.85	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:18:02	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1483.97	1430.93	1532.14	1482.35	3.42	ppb
Lead	207-1	1437.30	1459.14	1511.50	1469.32	2.60	ppb
Lead	208-1	1460.16	1443.89	1517.26	1473.77	2.61	ppb
Lithium	6-1				101		%
Magnesium	24-2	32535.57	33765.36	32188.78	32829.90	2.52	ppb
Manganese	55-2	3840.04	4064.84	3865.64	3923.51	3.14	ppb
Molybdenum	94-1	13.36	13.32	13.11	13.26	0.98	ppb
Molybdenum	95-1	5.92	5.75	6.01	5.89	2.23	ppb
Molybdenum	96-1	7.62	7.26	7.36	7.41	2.50	ppb
Molybdenum	97-1	5.59	5.81	6.31	5.90	6.29	ppb
Molybdenum	98-1	5.75	5.58	5.65	5.66	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	160.34	166.69	154.26	160.43	3.87	ppb
Phosphorus	31-2	8774.41	8886.62	8730.93	8797.32	0.91	ppb
Potassium	39-2	17318.08	17770.60	16878.15	17322.28	2.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				88		%
Scandium	45-1				101		%
Scandium	45-2				79		%
Selenium	82-1	5.82	5.47	5.40	5.57	4.00	ppb
Selenium	77-2	79.87	97.38	91.29	89.51	9.94	ppb
Selenium	78-2	19.83	20.99	19.32	20.04	4.27	ppb
Silicon	28-1	2224.48	2281.53	2588.74	2364.92	8.28	ppb
Silver	107-1	3.29	3.30	3.38	3.33	1.43	ppb
Silver	109-1	3.45	3.32	3.52	3.43	2.98	ppb
Sodium	23-2	1188.93	1238.22	1175.54	1200.90	2.75	ppb
Strontium	86-1	542.47	542.14	542.28	542.30	0.03	ppb
Strontium	88-1	534.15	534.24	535.73	534.71	0.17	ppb
Sulfur	34-1	1122.06	806.50	1160.79	1029.78	18.87	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	1.29	1.31	1.33	1.31	1.44	ppb
Thallium	205-1	1.29	1.26	1.48	1.34	9.12	ppb
Tin	118-1	20.15	19.42	20.41	19.99	2.56	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:18:02	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1083.41	1090.25	1107.27	1093.64	1.12	ppb
Uranium	238-1	12.54	12.46	13.19	12.73	3.12	ppb
Vanadium	51-2	203.85	208.54	201.03	204.47	1.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				97		%
Zinc	66-2	2877.54	3007.53	2815.86	2900.31	3.37	ppb
Zirconium	90-1	4.56	4.35	4.41	4.44	2.43	ppb
Zirconium	91-1	4.35	4.36	4.11	4.27	3.28	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN2D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:20:58	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37931.23	36972.07	35570.00	36824.43	3.22	ppb
Antimony	121-1	2.23	2.16	2.11	2.17	2.81	ppb
Arsenic	75-2	55.31	54.20	57.76	55.76	3.27	ppb
Barium	135-1	917.96	910.43	926.99	918.46	0.90	ppb
Barium	137-1	947.67	906.06	915.29	923.01	2.37	ppb
Beryllium	9-1	3.09	3.09	3.20	3.13	1.96	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	32.63	33.74	35.76	34.05	4.66	ppb
Boron	11-1	33.27	34.32	37.22	34.94	5.86	ppb
Bromine	81-1						cps
Cadmium	111-1	11.52	10.64	11.13	11.10	3.94	ppb
Cadmium	106-1	12.10	9.08	8.09	9.76	21.40	ppb
Cadmium	108-1	10.27	10.43	11.22	10.64	4.79	ppb
Calcium	43-1	109102.07	103442.77	107110.00	106551.61	2.69	ppb
Calcium	44-1	108788.05	102319.45	109344.34	106817.28	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.56	95.84	96.02	96.14	0.39	ppb
Cobalt	59-2	42.13	41.87	41.72	41.91	0.49	ppb
Copper	63-2	310.00	309.25	306.89	308.71	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				88		%
Iron	54-2	94459.46	95878.75	96356.75	95564.99	1.03	ppb
Iron	56-2	97368.28	97684.97	95764.97	96939.41	1.06	ppb
Iron	57-2	99332.67	99659.18	97766.34	98919.40	1.02	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN2D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:20:58	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1149.55	1176.95	1135.35	1153.95	1.83	ppb
Lead	207-1	1133.17	1167.91	1126.03	1142.37	1.96	ppb
Lead	208-1	1132.76	1141.76	1143.00	1139.17	0.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	24322.03	24138.96	23278.99	23913.33	2.33	ppb
Manganese	55-2	2879.95	2888.82	2905.66	2891.48	0.45	ppb
Molybdenum	94-1	10.92	10.57	10.99	10.83	2.12	ppb
Molybdenum	95-1	4.91	4.59	4.99	4.83	4.37	ppb
Molybdenum	96-1	6.37	5.91	6.38	6.22	4.32	ppb
Molybdenum	97-1	5.41	4.81	4.99	5.07	6.15	ppb
Molybdenum	98-1	4.97	4.76	5.05	4.93	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.30	115.10	113.03	114.48	1.10	ppb
Phosphorus	31-2	6272.72	6137.86	6685.16	6365.24	4.48	ppb
Potassium	39-2	12986.53	12652.27	12758.00	12798.94	1.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				81		%
Selenium	82-1	4.73	4.15	5.13	4.67	10.54	ppb
Selenium	77-2	74.48	67.82	70.00	70.77	4.80	ppb
Selenium	78-2	14.27	15.17	15.80	15.08	5.07	ppb
Silicon	28-1	2217.67	2088.09	2289.76	2198.51	4.65	ppb
Silver	107-1	2.55	2.43	2.49	2.49	2.52	ppb
Silver	109-1	2.58	2.44	2.66	2.56	4.34	ppb
Sodium	23-2	861.48	842.23	853.43	852.38	1.13	ppb
Strontium	86-1	417.86	401.11	414.82	411.26	2.17	ppb
Strontium	88-1	413.09	396.90	421.80	410.60	3.08	ppb
Sulfur	34-1	113.96	-289.67	241.85	22.05	1258.35	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	1.01	1.01	1.01	1.01	0.14	ppb
Thallium	205-1	1.01	0.97	1.06	1.01	4.50	ppb
Tin	118-1	15.49	14.66	15.62	15.26	3.42	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN2D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:20:58	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	931.73	883.74	935.10	916.86	3.13	ppb
Uranium	238-1	9.54	9.35	9.53	9.47	1.15	ppb
Vanadium	51-2	154.78	151.43	154.74	153.65	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				94		%
Zinc	66-2	2137.02	2134.25	2117.85	2129.71	0.49	ppb
Zirconium	90-1	3.50	3.40	3.50	3.47	1.62	ppb
Zirconium	91-1	3.44	3.23	3.83	3.50	8.60	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN2L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 19:26:56	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9807.84	9759.28	9538.56	9701.89	1.48	ppb
Antimony	121-1	0.46	0.39	0.42	0.42	8.89	ppb
Arsenic	75-2	15.76	15.58	15.77	15.70	0.67	ppb
Barium	135-1	248.28	227.47	223.95	233.24	5.64	ppb
Barium	137-1	250.50	235.47	232.83	239.60	3.98	ppb
Beryllium	9-1	0.84	0.89	0.80	0.84	5.33	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	12.61	13.32	12.17	12.70	4.60	ppb
Boron	11-1	12.47	12.83	12.70	12.67	1.44	ppb
Bromine	81-1						cps
Cadmium	111-1	2.98	2.86	2.83	2.89	2.83	ppb
Cadmium	106-1	0.35	-1.98	-0.27	-0.63		ppb
Cadmium	108-1	2.38	2.74	2.67	2.60	7.47	ppb
Calcium	43-1	28492.44	27671.12	26648.16	27603.91	3.35	ppb
Calcium	44-1	29268.40	28101.60	27822.49	28397.50	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26.03	26.03	25.22	25.76	1.81	ppb
Cobalt	59-2	11.37	11.37	10.98	11.24	2.04	ppb
Copper	63-2	87.68	89.19	85.01	87.29	2.43	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				112		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				88		%
Iron	54-2	26107.17	26315.58	25704.73	26042.49	1.19	ppb
Iron	56-2	25641.01	25064.15	25276.60	25327.25	1.15	ppb
Iron	57-2	24585.49	24696.81	24596.19	24626.16	0.25	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN2L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 19:26:56	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	281.93	281.39	260.17	274.50	4.52	ppb
Lead	207-1	279.01	271.41	253.33	267.92	4.92	ppb
Lead	208-1	295.54	284.35	266.65	282.18	5.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	6371.25	6457.07	6362.23	6396.85	0.82	ppb
Manganese	55-2	766.94	766.14	741.59	758.22	1.90	ppb
Molybdenum	94-1	2.89	2.73	2.83	2.82	2.74	ppb
Molybdenum	95-1	1.33	1.31	1.24	1.29	3.33	ppb
Molybdenum	96-1	1.59	1.67	1.46	1.57	6.86	ppb
Molybdenum	97-1	1.25	1.38	1.27	1.30	5.29	ppb
Molybdenum	98-1	1.27	1.19	1.12	1.20	6.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.73	33.25	32.30	32.76	1.45	ppb
Phosphorus	31-2	1821.50	1687.15	1657.57	1722.07	5.07	ppb
Potassium	39-2	3418.33	3412.40	3320.97	3383.90	1.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				77		%
Selenium	82-1	0.77	1.52	1.97	1.42	42.91	ppb
Selenium	77-2	25.27	23.60	25.62	24.83	4.34	ppb
Selenium	78-2	4.07	1.11	2.97	2.72	55.05	ppb
Silicon	28-1	494.46	463.62	435.65	464.58	6.33	ppb
Silver	107-1	0.68	0.65	0.60	0.64	6.90	ppb
Silver	109-1	0.70	0.62	0.69	0.67	6.46	ppb
Sodium	23-2	230.88	226.06	220.87	225.94	2.22	ppb
Strontium	86-1	116.98	117.32	113.00	115.77	2.07	ppb
Strontium	88-1	121.72	123.64	115.23	120.20	3.67	ppb
Sulfur	34-1	-867.89	-1160.26	-1424.27	-1150.80		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.18	0.15	0.18	13.61	ppb
Thallium	205-1	0.22	0.20	0.19	0.20	9.18	ppb
Tin	118-1	3.66	3.98	3.82	3.82	4.21	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN2L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 19:26:56	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	226.96	217.72	209.99	218.22	3.89	ppb
Uranium	238-1	2.60	2.56	2.40	2.52	4.24	ppb
Vanadium	51-2	40.42	40.09	39.95	40.15	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				85		%
Zinc	66-2	594.13	592.81	585.55	590.83	0.78	ppb
Zirconium	90-1	0.91	0.90	0.86	0.89	2.84	ppb
Zirconium	91-1	0.85	0.87	0.86	0.86	0.93	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-22 Instrumnet Name : P8
 Client Sample ID : MH1FN2S Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:32:51 DataFile Name : 163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34011.96	33891.28	33857.58	33920.27	0.24	ppb
Antimony	121-1	8.68	8.67	8.30	8.55	2.51	ppb
Arsenic	75-2	57.90	61.20	58.68	59.26	2.91	ppb
Barium	135-1	1262.06	1257.27	1272.91	1264.08	0.63	ppb
Barium	137-1	1251.79	1276.92	1261.59	1263.44	1.00	ppb
Beryllium	9-1	13.08	12.57	13.23	12.96	2.67	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	29.63	27.27	31.93	29.61	7.86	ppb
Boron	11-1	29.07	29.55	31.02	29.88	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	19.97	20.69	20.35	20.34	1.78	ppb
Cadmium	106-1	16.32	21.12	14.10	17.18	20.87	ppb
Cadmium	108-1	17.74	17.87	18.16	17.92	1.20	ppb
Calcium	43-1	99712.45	100794.34	100423.07	100309.95	0.55	ppb
Calcium	44-1	97647.32	97504.06	100123.79	98425.06	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.52	128.30	131.26	129.36	1.27	ppb
Cobalt	59-2	143.29	143.23	144.04	143.52	0.31	ppb
Copper	63-2	332.56	333.58	337.18	334.44	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				88		%
Iron	54-2	89289.10	89278.03	89773.31	89446.81	0.32	ppb
Iron	56-2	88316.82	91717.57	89328.52	89787.64	1.94	ppb
Iron	57-2	89872.05	92661.09	92648.16	91727.10	1.75	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN2S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:32:51	DataFile Name :	163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1040.15	1084.53	1081.91	1068.86	2.33	ppb
Lead	207-1	1036.81	1046.93	1051.90	1045.21	0.74	ppb
Lead	208-1	1035.81	1058.20	1053.44	1049.15	1.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	21711.61	22204.37	22319.78	22078.59	1.46	ppb
Manganese	55-2	2759.65	2818.64	2742.82	2773.70	1.44	ppb
Molybdenum	94-1	9.98	10.14	10.09	10.07	0.78	ppb
Molybdenum	95-1	4.51	4.49	4.66	4.56	2.06	ppb
Molybdenum	96-1	5.51	5.64	5.62	5.59	1.24	ppb
Molybdenum	97-1	4.54	4.45	4.59	4.53	1.53	ppb
Molybdenum	98-1	4.24	4.63	4.55	4.47	4.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	211.49	213.90	211.26	212.22	0.69	ppb
Phosphorus	31-2	5832.88	6010.94	5924.12	5922.65	1.50	ppb
Potassium	39-2	11454.53	11861.32	11724.49	11680.11	1.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				80		%
Selenium	82-1	16.31	16.53	15.68	16.17	2.73	ppb
Selenium	77-2	65.73	73.57	86.94	75.41	14.22	ppb
Selenium	78-2	21.56	25.40	23.25	23.40	8.23	ppb
Silicon	28-1	2621.76	2473.17	2553.04	2549.32	2.92	ppb
Silver	107-1	14.37	14.62	14.49	14.49	0.87	ppb
Silver	109-1	14.82	14.55	14.33	14.56	1.70	ppb
Sodium	23-2	780.94	797.11	814.60	797.55	2.11	ppb
Strontium	86-1	376.77	376.92	393.98	382.56	2.59	ppb
Strontium	88-1	383.79	390.76	391.50	388.68	1.09	ppb
Sulfur	34-1	-52.04	-234.60	-62.84	-116.49		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	9.03	9.30	9.46	9.26	2.33	ppb
Thallium	205-1	8.91	9.32	9.21	9.15	2.34	ppb
Tin	118-1	12.78	13.16	12.92	12.95	1.49	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN2S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:32:51	DataFile Name :	163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	882.09	851.58	886.66	873.45	2.18	ppb
Uranium	238-1	8.33	8.71	8.49	8.51	2.21	ppb
Vanadium	51-2	237.40	242.84	240.53	240.26	1.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				97		%
Zinc	66-2	2123.90	2091.00	2104.41	2106.44	0.79	ppb
Zirconium	90-1	3.38	3.36	3.35	3.36	0.58	ppb
Zirconium	91-1	3.15	3.13	3.32	3.20	3.31	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141139BL Instrumnet Name : P8
 Client Sample ID : PBS139 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:41:23 DataFile Name : 164CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	1.43	1.14	1.43	19.96	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.00	-0.04	-0.04	-0.03		ppb
Barium	135-1	-0.01	-0.01	0.03	0.00	750.03	ppb
Barium	137-1	0.00	0.02	0.00	0.01	145.25	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00		ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	3.11	2.98	3.19	3.09	3.43	ppb
Boron	11-1	3.48	3.41	3.26	3.38	3.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.09	-0.07	-0.07		ppb
Cadmium	106-1	-3.38	-6.96	-5.59	-5.31		ppb
Cadmium	108-1	-0.12	0.00	-0.12	-0.08		ppb
Calcium	43-1	-0.95	-0.40	-0.35	-0.57		ppb
Calcium	44-1	-16.45	-14.04	-15.64	-15.38		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.07	-0.02	0.05	115.90	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.02	0.09	0.06	55.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				86		%
Iron	54-2	6.56	4.01	3.29	4.62	37.24	ppb
Iron	56-2	4.39	3.73	4.79	4.30	12.41	ppb
Iron	57-2	2.63	5.38	1.42	3.14	64.58	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BL	Instrumnet Name :	P8
Client Sample ID :	PBS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:41:23	DataFile Name :	164CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.02	0.00	362.80	ppb
Lead	207-1	-0.01	0.03	-0.01	0.00	640.46	ppb
Lead	208-1	0.00	0.00	0.01	0.01	117.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.08	1.65	0.03	0.92	89.49	ppb
Manganese	55-2	0.13	0.14	0.14	0.14	4.46	ppb
Molybdenum	94-1	-0.05	-0.08	-0.02	-0.05		ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.02	0.01	0.01	0.00	1618.29	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	-0.02	0.00	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-5.60	-41.51	-38.05	-28.39		ppb
Potassium	39-2	-0.53	-3.86	-2.07	-2.15		ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				75		%
Selenium	82-1	1.47	1.08	1.18	1.24	16.42	ppb
Selenium	77-2	2.25	0.00	0.00	0.75	173.21	ppb
Selenium	78-2	0.14	-0.04	0.15	0.08	132.95	ppb
Silicon	28-1	-18.68	-13.57	-16.51	-16.26		ppb
Silver	107-1	-0.01	0.00	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	-12.65	-12.90	-14.43	-13.33		ppb
Strontium	86-1	-0.03	0.11	-0.01	0.03	290.82	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-1150.21	-538.78	-921.72	-870.24		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	-0.07	-0.08	-0.06	-0.07		ppb
Thallium	205-1	-0.06	-0.07	-0.07	-0.06		ppb
Tin	118-1	-0.14	-0.13	-0.14	-0.13		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BL	Instrumnet Name :	P8
Client Sample ID :	PBS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:41:23	DataFile Name :	164CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.01	-0.04	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	164.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				81		%
Zinc	66-2	0.16	0.09	0.08	0.11	39.60	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	41.53	ppb
Zirconium	91-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BS	Instrumnet Name :	P8
Client Sample ID :	LCS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:44:27	DataFile Name :	165LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.90	37.34	36.02	36.75	1.82	ppb
Antimony	121-1	3.58	3.44	3.53	3.52	2.05	ppb
Arsenic	75-2	1.79	1.91	1.88	1.86	3.25	ppb
Barium	135-1	17.76	16.63	17.50	17.30	3.43	ppb
Barium	137-1	18.13	18.04	18.67	18.28	1.85	ppb
Beryllium	9-1	2.16	1.96	2.06	2.06	4.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	42.85	46.24	46.05	45.05	4.23	ppb
Boron	11-1	43.20	46.33	47.62	45.72	4.98	ppb
Bromine	81-1						cps
Cadmium	111-1	1.71	1.80	1.86	1.79	4.31	ppb
Cadmium	106-1	-1.95	-2.39	-0.94	-1.76		ppb
Cadmium	108-1	1.69	1.76	1.71	1.72	2.04	ppb
Calcium	43-1	974.97	921.44	932.01	942.81	3.01	ppb
Calcium	44-1	965.64	912.96	940.74	939.78	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.83	3.88	3.62	3.78	3.61	ppb
Cobalt	59-2	2.00	2.04	1.99	2.01	1.33	ppb
Copper	63-2	4.13	4.04	3.90	4.02	2.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	54-2	451.94	428.43	429.70	436.69	3.03	ppb
Iron	56-2	436.11	430.69	412.77	426.52	2.86	ppb
Iron	57-2	424.11	421.55	430.81	425.49	1.12	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BS	Instrumnet Name :	P8
Client Sample ID :	LCS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:44:27	DataFile Name :	165LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.89	1.65	1.62	1.72	8.59	ppb
Lead	207-1	1.79	1.67	1.76	1.74	3.66	ppb
Lead	208-1	1.86	1.67	1.76	1.76	5.52	ppb
Lithium	6-1				92		%
Magnesium	24-2	972.29	955.81	936.98	955.03	1.85	ppb
Manganese	55-2	2.05	2.01	2.01	2.02	1.28	ppb
Molybdenum	94-1	12.27	11.21	11.19	11.56	5.36	ppb
Molybdenum	95-1	9.88	9.32	9.61	9.60	2.89	ppb
Molybdenum	96-1	10.27	9.43	9.52	9.74	4.74	ppb
Molybdenum	97-1	10.26	9.57	9.75	9.86	3.62	ppb
Molybdenum	98-1	10.30	9.14	9.73	9.72	5.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.02	2.11	2.11	4.11	ppb
Phosphorus	31-2	-5.65	-45.82	12.06	-13.14		ppb
Potassium	39-2	936.11	930.71	878.21	915.01	3.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				76		%
Selenium	82-1	11.29	9.50	10.25	10.34	8.67	ppb
Selenium	77-2	9.83	11.11	15.53	12.16	24.60	ppb
Selenium	78-2	8.90	8.55	6.36	7.94	17.32	ppb
Silicon	28-1	4.66	-3.75	-0.54	0.12	3534.55	ppb
Silver	107-1	1.70	1.70	1.81	1.73	3.71	ppb
Silver	109-1	1.79	1.73	1.84	1.79	3.19	ppb
Sodium	23-2	928.11	954.00	901.28	927.80	2.84	ppb
Strontium	86-1	2.13	1.86	1.95	1.98	6.92	ppb
Strontium	88-1	1.89	1.87	1.83	1.86	1.59	ppb
Sulfur	34-1	-467.11	-1242.18	-1018.58	-909.29		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	1.79	1.67	1.72	1.72	3.43	ppb
Thallium	205-1	1.80	1.66	1.67	1.71	4.51	ppb
Tin	118-1	9.24	8.51	9.70	9.15	6.56	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BS	Instrumnet Name :	P8
Client Sample ID :	LCS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:44:27	DataFile Name :	165LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.83	9.64	9.74	9.74	0.94	ppb
Uranium	238-1	1.89	1.74	1.80	1.81	4.12	ppb
Vanadium	51-2	9.43	9.52	9.16	9.37	2.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				82		%
Zinc	66-2	9.74	10.97	9.24	9.99	8.92	ppb
Zirconium	90-1	1.90	1.81	1.88	1.86	2.71	ppb
Zirconium	91-1	2.04	1.74	1.73	1.84	9.42	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-01	Instrumnet Name :	P8
Client Sample ID :	MH1FJ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:48:07	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26333.47	25683.99	25428.51	25815.32	1.81	ppb
Antimony	121-1	1.03	1.12	1.18	1.11	6.88	ppb
Arsenic	75-2	28.08	27.50	25.75	27.11	4.48	ppb
Barium	135-1	574.82	549.52	591.21	571.85	3.67	ppb
Barium	137-1	594.42	572.49	615.50	594.13	3.62	ppb
Beryllium	9-1	2.53	2.63	2.63	2.60	2.17	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	10-1	28.14	31.91	32.80	30.95	8.00	ppb
Boron	11-1	29.38	30.43	32.86	30.89	5.78	ppb
Bromine	81-1						cps
Cadmium	111-1	3.49	3.43	3.79	3.57	5.35	ppb
Cadmium	106-1	2.78	-0.47	3.16	1.82	109.35	ppb
Cadmium	108-1	3.55	2.99	2.85	3.13	11.87	ppb
Calcium	43-1	29866.25	29782.30	30377.93	30008.83	1.07	ppb
Calcium	44-1	30016.06	30438.02	30845.52	30433.20	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.57	33.17	33.21	33.32	0.65	ppb
Cobalt	59-2	26.13	25.36	25.01	25.50	2.25	ppb
Copper	63-2	96.25	94.39	92.70	94.45	1.88	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				112		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				89		%
Iron	54-2	57084.75	56327.89	55403.46	56272.03	1.50	ppb
Iron	56-2	56016.57	55024.62	54819.12	55286.77	1.16	ppb
Iron	57-2	57660.49	55721.31	54247.55	55876.45	3.06	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-01	Instrumnet Name :	P8
Client Sample ID :	MH1FJ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:48:07	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	182.70	179.85	178.18	180.24	1.27	ppb
Lead	207-1	175.12	173.11	177.77	175.33	1.33	ppb
Lead	208-1	177.49	176.62	179.92	178.01	0.96	ppb
Lithium	6-1				95		%
Magnesium	24-2	11031.05	10832.25	10538.24	10800.51	2.30	ppb
Manganese	55-2	1391.13	1373.52	1356.58	1373.74	1.26	ppb
Molybdenum	94-1	7.15	7.07	7.18	7.13	0.80	ppb
Molybdenum	95-1	4.09	4.10	4.31	4.17	3.04	ppb
Molybdenum	96-1	4.80	4.75	5.13	4.89	4.29	ppb
Molybdenum	97-1	4.38	4.09	4.27	4.25	3.42	ppb
Molybdenum	98-1	4.28	4.22	4.37	4.29	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.59	63.94	62.76	64.43	3.04	ppb
Phosphorus	31-2	3559.64	3538.10	3317.68	3471.81	3.86	ppb
Potassium	39-2	8744.55	8581.90	8553.04	8626.50	1.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				80		%
Selenium	82-1	2.41	2.10	2.52	2.34	9.31	ppb
Selenium	77-2	66.15	61.59	46.32	58.02	17.90	ppb
Selenium	78-2	10.30	10.16	10.21	10.22	0.72	ppb
Silicon	28-1	2309.28	2170.45	2232.45	2237.39	3.11	ppb
Silver	107-1	0.98	0.92	0.97	0.96	3.81	ppb
Silver	109-1	0.99	0.94	1.06	1.00	6.06	ppb
Sodium	23-2	629.11	621.37	618.39	622.96	0.89	ppb
Strontium	86-1	194.66	199.39	197.88	197.31	1.22	ppb
Strontium	88-1	199.66	198.19	198.98	198.94	0.37	ppb
Sulfur	34-1	-1805.55	-2046.56	-1612.10	-1821.40		ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.67	0.70	0.72	0.70	3.32	ppb
Thallium	205-1	0.75	0.72	0.72	0.73	2.54	ppb
Tin	118-1	10.21	10.06	10.78	10.35	3.69	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-01	Instrumnet Name :	P8
Client Sample ID :	MH1FJ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:48:07	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	184.50	181.55	182.98	183.01	0.81	ppb
Uranium	238-1	3.52	3.39	3.35	3.42	2.47	ppb
Vanadium	51-2	109.67	107.38	104.31	107.12	2.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				94		%
Zinc	66-2	606.43	600.90	593.48	600.27	1.08	ppb
Zirconium	90-1	1.81	1.87	1.87	1.85	1.85	ppb
Zirconium	91-1	1.73	2.03	1.91	1.89	7.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-02	Instrumnet Name :	P8
Client Sample ID :	MH1FJ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:51:06	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23851.56	23699.93	23377.80	23643.10	1.02	ppb
Antimony	121-1	3.38	3.41	3.39	3.39	0.36	ppb
Arsenic	75-2	37.20	37.49	38.13	37.60	1.27	ppb
Barium	135-1	758.09	776.90	760.73	765.24	1.33	ppb
Barium	137-1	796.87	800.05	808.28	801.74	0.73	ppb
Beryllium	9-1	2.80	2.82	2.77	2.79	0.93	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	36.35	40.38	39.17	38.63	5.35	ppb
Boron	11-1	36.69	39.42	39.93	38.68	4.50	ppb
Bromine	81-1						cps
Cadmium	111-1	12.57	13.26	13.65	13.16	4.12	ppb
Cadmium	106-1	32.75	31.90	37.99	34.21	9.64	ppb
Cadmium	108-1	46.79	45.99	45.61	46.13	1.31	ppb
Calcium	43-1	87907.24	85796.05	80002.73	84568.67	4.84	ppb
Calcium	44-1	84477.17	83814.78	78521.89	82271.28	3.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147.90	146.49	144.89	146.43	1.03	ppb
Cobalt	59-2	28.19	27.49	26.96	27.55	2.24	ppb
Copper	63-2	395.99	394.21	389.24	393.15	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				114		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				89		%
Iron	54-2	87898.40	86917.38	85789.07	86868.28	1.22	ppb
Iron	56-2	87191.83	86127.45	87143.58	86820.95	0.69	ppb
Iron	57-2	87997.63	85300.54	88870.13	87389.43	2.13	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-02	Instrumnet Name :	P8
Client Sample ID :	MH1FJ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:51:06	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1274.89	1257.93	1198.85	1243.89	3.21	ppb
Lead	207-1	1255.46	1245.85	1153.55	1218.29	4.62	ppb
Lead	208-1	1253.32	1240.72	1160.18	1218.07	4.15	ppb
Lithium	6-1				98		%
Magnesium	24-2	14608.26	14872.14	13976.06	14485.49	3.18	ppb
Manganese	55-2	3688.31	3709.53	3680.52	3692.78	0.41	ppb
Molybdenum	94-1	11.73	11.02	11.07	11.27	3.48	ppb
Molybdenum	95-1	6.20	6.22	5.95	6.12	2.41	ppb
Molybdenum	96-1	7.35	7.50	6.83	7.22	4.91	ppb
Molybdenum	97-1	6.11	6.41	6.32	6.28	2.48	ppb
Molybdenum	98-1	6.00	6.22	5.92	6.05	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.67	87.05	87.84	88.19	1.53	ppb
Phosphorus	31-2	7614.47	7473.50	7158.06	7415.34	3.15	ppb
Potassium	39-2	6828.86	6719.57	6726.58	6758.34	0.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				79		%
Selenium	82-1	3.92	5.33	4.62	4.62	15.20	ppb
Selenium	77-2	39.74	51.22	34.82	41.93	20.07	ppb
Selenium	78-2	13.05	10.31	10.69	11.35	13.06	ppb
Silicon	28-1	2864.57	2843.28	2593.31	2767.05	5.45	ppb
Silver	107-1	7.11	7.26	7.45	7.27	2.31	ppb
Silver	109-1	7.32	7.49	7.45	7.42	1.24	ppb
Sodium	23-2	1097.76	1095.79	1097.82	1097.12	0.11	ppb
Strontium	86-1	386.57	382.87	359.51	376.32	3.90	ppb
Strontium	88-1	385.64	381.55	371.55	379.58	1.91	ppb
Sulfur	34-1	843.02	1114.27	86.83	681.38	78.14	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.60	0.62	0.61	0.61	1.95	ppb
Thallium	205-1	0.61	0.61	0.62	0.61	0.98	ppb
Tin	118-1	31.61	31.49	31.79	31.63	0.48	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-02	Instrumnet Name :	P8
Client Sample ID :	MH1FJ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:51:06	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	355.51	355.14	340.66	350.44	2.42	ppb
Uranium	238-1	6.04	6.14	5.96	6.05	1.52	ppb
Vanadium	51-2	110.32	109.63	107.93	109.29	1.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				91		%
Zinc	66-2	4002.98	3949.96	3899.57	3950.84	1.31	ppb
Zirconium	90-1	3.25	3.38	3.17	3.26	3.22	ppb
Zirconium	91-1	3.28	3.28	3.26	3.27	0.37	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-03	Instrumnet Name :	P8
Client Sample ID :	MH1FJ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:54:01	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22791.20	22138.13	22175.90	22368.41	1.64	ppb
Antimony	121-1	3.55	3.55	3.70	3.60	2.41	ppb
Arsenic	75-2	47.16	44.86	47.66	46.56	3.21	ppb
Barium	135-1	881.99	873.81	878.36	878.05	0.47	ppb
Barium	137-1	909.18	887.06	917.68	904.64	1.75	ppb
Beryllium	9-1	2.99	3.00	3.09	3.02	1.79	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	35.49	39.18	40.50	38.39	6.77	ppb
Boron	11-1	35.77	39.29	41.36	38.81	7.28	ppb
Bromine	81-1						cps
Cadmium	111-1	16.97	16.98	17.42	17.13	1.50	ppb
Cadmium	106-1	16.09	15.45	13.30	14.95	9.79	ppb
Cadmium	108-1	17.12	18.79	17.68	17.86	4.76	ppb
Calcium	43-1	102754.64	103712.72	109585.26	105350.88	3.51	ppb
Calcium	44-1	103190.89	102273.79	109664.14	105042.94	3.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.49	79.83	80.13	80.82	1.80	ppb
Cobalt	59-2	30.65	29.79	29.45	29.97	2.07	ppb
Copper	63-2	560.52	540.56	540.01	547.03	2.14	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				111		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				88		%
Iron	54-2	98715.47	94867.15	95263.07	96281.90	2.20	ppb
Iron	56-2	98281.90	96102.31	94167.57	96183.93	2.14	ppb
Iron	57-2	99238.06	98800.36	96719.46	98252.62	1.37	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-03	Instrumnet Name :	P8
Client Sample ID :	MH1FJ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:54:01	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1519.30	1538.27	1590.47	1549.34	2.38	ppb
Lead	207-1	1465.75	1483.59	1541.77	1497.04	2.66	ppb
Lead	208-1	1493.25	1513.57	1577.87	1528.23	2.89	ppb
Lithium	6-1				96		%
Magnesium	24-2	13250.40	13244.48	12900.52	13131.80	1.53	ppb
Manganese	55-2	3672.63	3617.50	3594.44	3628.19	1.11	ppb
Molybdenum	94-1	8.97	8.76	9.16	8.96	2.27	ppb
Molybdenum	95-1	5.31	5.24	5.22	5.26	0.84	ppb
Molybdenum	96-1	6.21	6.02	6.51	6.25	3.95	ppb
Molybdenum	97-1	5.49	5.12	5.65	5.42	5.07	ppb
Molybdenum	98-1	5.13	5.15	5.36	5.21	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.89	98.19	98.97	99.35	1.40	ppb
Phosphorus	31-2	5935.64	6040.95	5794.15	5923.58	2.09	ppb
Potassium	39-2	5171.10	5093.05	5020.85	5095.00	1.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				78		%
Selenium	82-1	6.28	6.04	5.90	6.07	3.16	ppb
Selenium	77-2	47.13	38.70	27.11	37.64	26.71	ppb
Selenium	78-2	11.27	10.75	9.95	10.66	6.25	ppb
Silicon	28-1	2629.66	2536.94	2736.38	2634.32	3.79	ppb
Silver	107-1	11.20	11.24	11.41	11.29	0.98	ppb
Silver	109-1	11.57	11.41	11.42	11.47	0.77	ppb
Sodium	23-2	789.07	754.79	760.75	768.20	2.38	ppb
Strontium	86-1	461.37	456.26	467.96	461.86	1.27	ppb
Strontium	88-1	454.63	462.69	474.70	464.01	2.18	ppb
Sulfur	34-1	261.44	197.98	1174.49	544.64	100.32	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.67	0.76	0.77	0.73	7.81	ppb
Thallium	205-1	0.78	0.77	0.77	0.77	0.68	ppb
Tin	118-1	51.71	52.04	53.16	52.30	1.45	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-03	Instrumnet Name :	P8
Client Sample ID :	MH1FJ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:54:01	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	313.90	311.45	336.64	320.66	4.33	ppb
Uranium	238-1	6.12	6.02	6.26	6.13	1.98	ppb
Vanadium	51-2	113.83	110.76	111.33	111.97	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				91		%
Zinc	66-2	4986.49	4802.00	4775.88	4854.79	2.36	ppb
Zirconium	90-1	2.35	2.20	2.30	2.28	3.21	ppb
Zirconium	91-1	2.31	2.19	2.29	2.26	2.94	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-04	Instrumnet Name :	P8
Client Sample ID :	MH1FJ5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:56:55	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24101.48	23896.88	23700.54	23899.63	0.84	ppb
Antimony	121-1	2.78	2.75	2.75	2.76	0.56	ppb
Arsenic	75-2	48.70	47.83	45.89	47.47	3.04	ppb
Barium	135-1	789.19	775.75	790.62	785.19	1.05	ppb
Barium	137-1	821.54	807.20	823.36	817.37	1.08	ppb
Beryllium	9-1	3.19	3.19	3.21	3.20	0.36	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	32.47	33.51	35.31	33.76	4.24	ppb
Boron	11-1	32.13	33.26	34.00	33.13	2.84	ppb
Bromine	81-1						cps
Cadmium	111-1	18.60	18.17	18.67	18.48	1.47	ppb
Cadmium	106-1	15.07	13.42	13.32	13.94	7.09	ppb
Cadmium	108-1	17.89	16.72	16.76	17.13	3.88	ppb
Calcium	43-1	112874.38	111895.65	112516.26	112428.76	0.44	ppb
Calcium	44-1	111270.94	110713.61	113565.65	111850.07	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.72	37.07	37.05	37.28	1.03	ppb
Cobalt	59-2	32.07	31.58	31.59	31.74	0.88	ppb
Copper	63-2	442.63	438.88	433.18	438.23	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				112		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				88		%
Iron	54-2	86730.26	85169.05	86432.70	86110.67	0.96	ppb
Iron	56-2	84615.30	85183.48	85475.47	85091.42	0.51	ppb
Iron	57-2	87575.14	86958.57	86275.85	86936.52	0.75	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-04	Instrumnet Name :	P8
Client Sample ID :	MH1FJ5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:56:55	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1430.57	1417.72	1385.05	1411.11	1.66	ppb
Lead	207-1	1352.27	1403.02	1376.08	1377.12	1.84	ppb
Lead	208-1	1380.15	1402.82	1382.07	1388.34	0.91	ppb
Lithium	6-1				97		%
Magnesium	24-2	12769.30	12307.50	12917.42	12664.74	2.51	ppb
Manganese	55-2	3655.57	3563.31	3656.10	3624.99	1.47	ppb
Molybdenum	94-1	8.50	8.83	8.35	8.56	2.83	ppb
Molybdenum	95-1	3.99	4.01	3.96	3.99	0.57	ppb
Molybdenum	96-1	4.94	5.00	5.05	4.99	1.15	ppb
Molybdenum	97-1	4.22	4.18	4.04	4.14	2.27	ppb
Molybdenum	98-1	4.00	3.98	3.91	3.96	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.36	91.79	93.55	92.57	0.97	ppb
Phosphorus	31-2	4910.57	4649.95	4313.34	4624.62	6.47	ppb
Potassium	39-2	5409.14	5411.30	5359.51	5393.32	0.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				79		%
Selenium	82-1	2.89	3.47	3.04	3.13	9.54	ppb
Selenium	77-2	43.39	57.06	47.71	49.39	14.15	ppb
Selenium	78-2	6.62	8.48	9.04	8.05	15.75	ppb
Silicon	28-1	2053.51	2237.15	2205.04	2165.24	4.53	ppb
Silver	107-1	6.26	6.12	6.13	6.17	1.30	ppb
Silver	109-1	6.28	6.10	6.41	6.26	2.46	ppb
Sodium	23-2	813.28	803.49	825.33	814.03	1.34	ppb
Strontium	86-1	437.29	431.16	430.83	433.09	0.84	ppb
Strontium	88-1	431.68	422.46	428.05	427.40	1.09	ppb
Sulfur	34-1	-1078.67	-1119.32	-792.79	-996.93		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	1.02	1.06	0.97	1.02	4.67	ppb
Thallium	205-1	0.99	1.00	0.93	0.97	3.66	ppb
Tin	118-1	25.69	25.68	25.51	25.62	0.40	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-04	Instrumnet Name :	P8
Client Sample ID :	MH1FJ5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:56:55	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	293.31	291.08	296.45	293.62	0.92	ppb
Uranium	238-1	4.06	4.11	3.94	4.04	2.16	ppb
Vanadium	51-2	105.67	107.33	106.88	106.63	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				91		%
Zinc	66-2	3943.99	3882.24	3899.38	3908.54	0.82	ppb
Zirconium	90-1	2.71	2.69	2.71	2.71	0.48	ppb
Zirconium	91-1	2.62	2.75	2.68	2.69	2.50	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-05	Instrumnet Name :	P8
Client Sample ID :	MH1FJ6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:59:51	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24032.61	23743.76	23987.80	23921.39	0.65	ppb
Antimony	121-1	2.03	2.13	2.22	2.13	4.36	ppb
Arsenic	75-2	42.91	41.31	41.24	41.82	2.26	ppb
Barium	135-1	594.16	613.31	640.00	615.82	3.74	ppb
Barium	137-1	615.59	651.68	670.63	645.97	4.33	ppb
Beryllium	9-1	2.54	2.65	2.58	2.59	2.20	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	24.40	26.71	26.86	25.99	5.31	ppb
Boron	11-1	24.65	26.56	26.63	25.95	4.33	ppb
Bromine	81-1						cps
Cadmium	111-1	10.69	10.97	11.19	10.95	2.30	ppb
Cadmium	106-1	7.00	6.30	9.73	7.68	23.58	ppb
Cadmium	108-1	10.31	9.10	10.71	10.04	8.36	ppb
Calcium	43-1	76086.20	79451.86	79977.47	78505.18	2.69	ppb
Calcium	44-1	76547.16	79150.41	80002.42	78566.67	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.64	36.56	36.62	36.61	0.10	ppb
Cobalt	59-2	26.48	26.15	26.88	26.51	1.37	ppb
Copper	63-2	242.12	241.30	241.96	241.79	0.18	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				113		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				87		%
Iron	54-2	67899.70	66670.84	69328.73	67966.42	1.96	ppb
Iron	56-2	68631.74	67186.85	68501.95	68106.85	1.17	ppb
Iron	57-2	69961.13	68221.96	69141.35	69108.14	1.26	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-05	Instrumnet Name :	P8
Client Sample ID :	MH1FJ6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:59:51	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	701.30	698.54	703.48	701.11	0.35	ppb
Lead	207-1	667.67	690.72	678.41	678.94	1.70	ppb
Lead	208-1	676.56	689.97	689.55	685.36	1.11	ppb
Lithium	6-1				96		%
Magnesium	24-2	12792.09	12355.07	12307.84	12485.00	2.14	ppb
Manganese	55-2	2320.99	2293.29	2383.68	2332.66	1.99	ppb
Molybdenum	94-1	8.37	8.12	8.88	8.46	4.57	ppb
Molybdenum	95-1	4.09	4.20	4.29	4.19	2.37	ppb
Molybdenum	96-1	4.95	5.32	5.12	5.13	3.59	ppb
Molybdenum	97-1	4.16	4.20	4.24	4.20	1.03	ppb
Molybdenum	98-1	4.25	4.07	4.24	4.19	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.83	77.82	77.09	77.58	0.55	ppb
Phosphorus	31-2	4022.66	3903.78	4104.56	4010.33	2.52	ppb
Potassium	39-2	6550.22	6508.96	6490.59	6516.59	0.47	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				77		%
Selenium	82-1	2.25	3.59	3.41	3.08	23.60	ppb
Selenium	77-2	46.29	50.78	41.61	46.23	9.92	ppb
Selenium	78-2	8.02	9.20	8.86	8.69	7.00	ppb
Silicon	28-1	2318.63	2362.23	2449.75	2376.87	2.81	ppb
Silver	107-1	3.18	3.31	3.49	3.33	4.73	ppb
Silver	109-1	3.29	3.42	3.54	3.41	3.75	ppb
Sodium	23-2	771.25	774.18	775.66	773.70	0.29	ppb
Strontium	86-1	297.10	311.55	310.34	306.33	2.62	ppb
Strontium	88-1	306.83	307.49	313.51	309.27	1.19	ppb
Sulfur	34-1	-831.33	-348.89	-308.98	-496.40		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.85	0.88	0.84	0.86	2.75	ppb
Thallium	205-1	0.86	0.86	0.90	0.87	2.46	ppb
Tin	118-1	13.55	14.09	14.44	14.02	3.20	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-05	Instrumnet Name :	P8
Client Sample ID :	MH1FJ6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:59:51	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	236.63	248.02	244.44	243.03	2.40	ppb
Uranium	238-1	3.89	3.90	4.03	3.94	1.98	ppb
Vanadium	51-2	107.15	106.12	107.24	106.84	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				91		%
Zinc	66-2	1715.00	1688.18	1686.66	1696.61	0.94	ppb
Zirconium	90-1	2.75	2.72	2.83	2.77	2.07	ppb
Zirconium	91-1	2.87	2.80	2.90	2.86	1.80	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-06	Instrumnet Name :	P8
Client Sample ID :	MH1FJ7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:02:45	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22149.10	22636.46	22477.65	22421.07	1.11	ppb
Antimony	121-1	3.18	3.07	3.19	3.15	2.11	ppb
Arsenic	75-2	28.22	27.70	27.69	27.87	1.08	ppb
Barium	135-1	594.35	595.85	619.72	603.30	2.36	ppb
Barium	137-1	607.83	617.27	643.98	623.03	3.01	ppb
Beryllium	9-1	2.53	2.49	2.44	2.48	1.83	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	31.01	30.70	33.28	31.66	4.45	ppb
Boron	11-1	31.82	31.33	33.70	32.28	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	13.08	12.48	13.62	13.06	4.36	ppb
Cadmium	106-1	9.64	8.87	12.11	10.20	16.59	ppb
Cadmium	108-1	13.22	14.34	13.12	13.56	4.97	ppb
Calcium	43-1	73871.22	72703.66	75046.26	73873.71	1.59	ppb
Calcium	44-1	72486.44	71740.88	71842.97	72023.43	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.07	123.96	123.42	122.82	1.25	ppb
Cobalt	59-2	24.50	25.38	24.62	24.83	1.92	ppb
Copper	63-2	290.79	301.68	297.30	296.59	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				88		%
Iron	54-2	70678.26	72976.27	71867.49	71840.68	1.60	ppb
Iron	56-2	71347.96	72142.06	72483.86	71991.30	0.81	ppb
Iron	57-2	72988.86	72252.28	74161.15	73134.10	1.32	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-06	Instrumnet Name :	P8
Client Sample ID :	MH1FJ7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:02:45	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	980.50	965.59	977.75	974.61	0.81	ppb
Lead	207-1	951.13	955.46	971.46	959.35	1.12	ppb
Lead	208-1	964.05	963.50	969.33	965.63	0.33	ppb
Lithium	6-1				98		%
Magnesium	24-2	14182.78	14259.18	14560.16	14334.04	1.39	ppb
Manganese	55-2	2756.76	2864.92	2799.61	2807.10	1.94	ppb
Molybdenum	94-1	9.24	9.02	9.15	9.14	1.18	ppb
Molybdenum	95-1	4.56	4.14	4.30	4.33	4.88	ppb
Molybdenum	96-1	5.29	5.28	5.27	5.28	0.22	ppb
Molybdenum	97-1	4.18	4.34	4.45	4.33	3.12	ppb
Molybdenum	98-1	4.28	4.45	4.37	4.37	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.64	70.60	72.03	70.76	1.70	ppb
Phosphorus	31-2	7602.94	7155.35	7096.16	7284.82	3.80	ppb
Potassium	39-2	4741.86	4859.55	4837.70	4813.04	1.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				79		%
Selenium	82-1	4.13	3.47	3.66	3.75	9.04	ppb
Selenium	77-2	38.37	37.23	51.99	42.53	19.31	ppb
Selenium	78-2	7.17	6.76	7.38	7.11	4.42	ppb
Silicon	28-1	2285.84	2391.63	2378.65	2352.04	2.45	ppb
Silver	107-1	4.25	4.20	4.44	4.29	2.97	ppb
Silver	109-1	4.56	4.32	4.56	4.48	3.11	ppb
Sodium	23-2	581.01	585.91	594.83	587.25	1.19	ppb
Strontium	86-1	384.78	386.03	388.42	386.41	0.48	ppb
Strontium	88-1	381.67	376.81	383.48	380.65	0.91	ppb
Sulfur	34-1	622.35	362.47	455.92	480.25	27.41	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.53	0.53	0.54	0.53	1.69	ppb
Thallium	205-1	0.50	0.55	0.56	0.54	6.02	ppb
Tin	118-1	23.13	22.76	23.47	23.12	1.54	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-06	Instrumnet Name :	P8
Client Sample ID :	MH1FJ7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:02:45	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	346.75	349.74	347.27	347.92	0.46	ppb
Uranium	238-1	6.08	5.99	6.07	6.05	0.88	ppb
Vanadium	51-2	90.48	92.11	92.06	91.55	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				90		%
Zinc	66-2	5185.60	5274.24	5333.76	5264.53	1.42	ppb
Zirconium	90-1	2.76	3.00	2.94	2.90	4.24	ppb
Zirconium	91-1	2.87	2.93	2.86	2.89	1.41	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-07	Instrumnet Name :	P8
Client Sample ID :	MH1FJ8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:05:41	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25298.45	25011.27	24345.36	24885.03	1.96	ppb
Antimony	121-1	3.73	3.42	3.46	3.54	4.69	ppb
Arsenic	75-2	32.92	31.18	33.21	32.43	3.39	ppb
Barium	135-1	775.29	732.55	717.09	741.64	4.06	ppb
Barium	137-1	792.53	759.18	732.23	761.31	3.97	ppb
Beryllium	9-1	3.13	3.07	3.13	3.11	1.06	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	32.50	31.15	34.48	32.71	5.12	ppb
Boron	11-1	32.50	32.66	33.13	32.77	1.00	ppb
Bromine	81-1						cps
Cadmium	111-1	16.10	15.63	15.15	15.63	3.04	ppb
Cadmium	106-1	15.62	11.47	10.85	12.65	20.55	ppb
Cadmium	108-1	17.04	15.00	17.27	16.44	7.59	ppb
Calcium	43-1	75997.85	71494.51	71559.47	73017.27	3.54	ppb
Calcium	44-1	77320.28	70612.76	72005.74	73312.92	4.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	120.56	118.38	117.14	118.69	1.46	ppb
Cobalt	59-2	28.80	28.41	27.55	28.25	2.26	ppb
Copper	63-2	370.44	366.12	358.43	365.00	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				112		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				89		%
Iron	54-2	80231.69	79274.59	76728.44	78744.91	2.30	ppb
Iron	56-2	79981.91	81473.37	76024.50	79159.93	3.56	ppb
Iron	57-2	81183.64	81706.63	78295.86	80395.37	2.28	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-07	Instrumnet Name :	P8
Client Sample ID :	MH1FJ8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:05:41	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1381.23	1354.89	1389.11	1375.08	1.30	ppb
Lead	207-1	1346.21	1337.99	1368.26	1350.82	1.16	ppb
Lead	208-1	1388.59	1348.07	1372.51	1369.72	1.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	15037.22	14869.37	14164.92	14690.50	3.15	ppb
Manganese	55-2	3121.31	3095.15	2947.51	3054.66	3.07	ppb
Molybdenum	94-1	9.96	9.04	9.45	9.48	4.87	ppb
Molybdenum	95-1	5.25	4.79	4.53	4.86	7.42	ppb
Molybdenum	96-1	5.91	5.70	5.90	5.84	1.97	ppb
Molybdenum	97-1	5.17	4.65	4.92	4.91	5.27	ppb
Molybdenum	98-1	5.23	4.64	4.74	4.87	6.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.02	98.46	95.96	97.81	1.67	ppb
Phosphorus	31-2	6499.56	6320.60	6117.53	6312.57	3.03	ppb
Potassium	39-2	5149.66	5110.45	4998.57	5086.23	1.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				78		%
Selenium	82-1	2.52	4.15	4.74	3.81	30.28	ppb
Selenium	77-2	38.71	42.97	39.02	40.23	5.90	ppb
Selenium	78-2	9.09	7.83	9.80	8.91	11.24	ppb
Silicon	28-1	2410.31	2374.79	2355.85	2380.31	1.16	ppb
Silver	107-1	6.33	5.82	5.71	5.95	5.58	ppb
Silver	109-1	6.25	5.87	5.83	5.98	3.84	ppb
Sodium	23-2	596.30	582.95	563.34	580.86	2.85	ppb
Strontium	86-1	387.75	356.69	360.44	368.29	4.60	ppb
Strontium	88-1	384.61	363.44	366.10	371.38	3.10	ppb
Sulfur	34-1	608.52	-149.32	-131.08	109.37	395.32	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.71	0.75	0.74	0.73	2.91	ppb
Thallium	205-1	0.70	0.72	0.70	0.71	1.11	ppb
Tin	118-1	29.10	26.74	26.74	27.53	4.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-07	Instrumnet Name :	P8
Client Sample ID :	MH1FJ8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:05:41	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	354.66	338.59	375.21	356.15	5.15	ppb
Uranium	238-1	6.32	6.07	6.20	6.20	2.06	ppb
Vanadium	51-2	104.56	102.55	100.15	102.42	2.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	5659.82	5684.91	5523.44	5622.73	1.55	ppb
Zirconium	90-1	2.95	2.72	2.77	2.81	4.17	ppb
Zirconium	91-1	2.77	2.73	2.62	2.71	2.93	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-08	Instrumnet Name :	P8
Client Sample ID :	MH1FJ9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:08:35	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25112.46	24984.18	24770.31	24955.65	0.69	ppb
Antimony	121-1	2.73	2.99	2.98	2.90	5.09	ppb
Arsenic	75-2	33.31	34.25	33.76	33.77	1.39	ppb
Barium	135-1	656.98	675.76	692.29	675.01	2.62	ppb
Barium	137-1	672.09	680.62	703.96	685.55	2.41	ppb
Beryllium	9-1	3.04	3.06	3.03	3.05	0.52	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	24.17	26.18	26.46	25.60	4.87	ppb
Boron	11-1	23.98	25.05	26.96	25.33	5.95	ppb
Bromine	81-1						cps
Cadmium	111-1	14.08	14.32	14.70	14.37	2.16	ppb
Cadmium	106-1	10.99	9.48	10.02	10.16	7.54	ppb
Cadmium	108-1	11.93	14.23	14.43	13.53	10.27	ppb
Calcium	43-1	49843.72	51841.86	50455.09	50713.56	2.02	ppb
Calcium	44-1	49668.51	50605.78	50223.99	50166.09	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81.69	80.03	80.24	80.65	1.12	ppb
Cobalt	59-2	27.94	27.27	26.49	27.23	2.65	ppb
Copper	63-2	349.16	348.71	344.98	347.62	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				88		%
Iron	54-2	72937.46	72025.83	71981.67	72314.98	0.75	ppb
Iron	56-2	73718.96	71412.25	72537.33	72556.18	1.59	ppb
Iron	57-2	75367.71	73518.30	73358.99	74081.67	1.51	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-08	Instrumnet Name :	P8
Client Sample ID :	MH1FJ9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:08:35	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1185.57	1186.72	1198.89	1190.40	0.62	ppb
Lead	207-1	1131.12	1174.21	1185.05	1163.46	2.45	ppb
Lead	208-1	1179.01	1178.60	1206.88	1188.16	1.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	11960.19	11842.87	11784.13	11862.40	0.76	ppb
Manganese	55-2	2770.25	2711.24	2712.78	2731.42	1.23	ppb
Molybdenum	94-1	7.84	8.00	8.53	8.12	4.41	ppb
Molybdenum	95-1	3.98	3.85	4.14	3.99	3.65	ppb
Molybdenum	96-1	5.01	5.05	5.22	5.09	2.18	ppb
Molybdenum	97-1	4.12	3.94	4.36	4.14	5.12	ppb
Molybdenum	98-1	3.80	3.92	4.35	4.02	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.79	96.26	94.57	96.21	1.68	ppb
Phosphorus	31-2	4967.22	4885.23	5166.35	5006.27	2.89	ppb
Potassium	39-2	5162.33	5157.99	5192.77	5171.03	0.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				77		%
Selenium	82-1	2.41	3.74	3.69	3.28	22.86	ppb
Selenium	77-2	44.44	54.88	62.52	53.95	16.83	ppb
Selenium	78-2	9.17	9.42	8.09	8.89	7.94	ppb
Silicon	28-1	2086.77	2176.14	2335.24	2199.39	5.72	ppb
Silver	107-1	4.63	4.89	4.93	4.82	3.42	ppb
Silver	109-1	4.81	5.01	5.23	5.02	4.13	ppb
Sodium	23-2	496.51	512.72	493.31	500.85	2.08	ppb
Strontium	86-1	250.40	255.47	263.63	256.50	2.60	ppb
Strontium	88-1	258.30	258.40	261.04	259.25	0.60	ppb
Sulfur	34-1	-1344.33	-923.76	-1252.75	-1173.61		ppb
Terbium	159-1				114		%
Terbium	159-2				101		%
Thallium	203-1	0.85	0.87	0.80	0.84	4.30	ppb
Thallium	205-1	0.81	0.80	0.83	0.81	1.63	ppb
Tin	118-1	23.38	24.21	24.69	24.10	2.75	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-08	Instrumnet Name :	P8
Client Sample ID :	MH1FJ9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:08:35	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	313.93	316.51	315.17	315.20	0.41	ppb
Uranium	238-1	5.64	5.48	5.78	5.63	2.62	ppb
Vanadium	51-2	98.95	97.67	96.65	97.75	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				90		%
Zinc	66-2	4716.95	4670.85	4566.82	4651.54	1.65	ppb
Zirconium	90-1	2.48	2.52	2.52	2.51	0.77	ppb
Zirconium	91-1	2.43	2.44	2.58	2.48	3.39	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-09	Instrumnet Name :	P8
Client Sample ID :	MH1FK0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:11:33	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22165.99	22273.30	22473.27	22304.19	0.70	ppb
Antimony	121-1	1.61	1.75	1.77	1.71	5.12	ppb
Arsenic	75-2	26.60	25.96	25.88	26.14	1.50	ppb
Barium	135-1	416.78	434.46	428.26	426.50	2.10	ppb
Barium	137-1	428.06	460.12	456.22	448.13	3.90	ppb
Beryllium	9-1	2.09	2.15	2.25	2.16	3.64	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	13.93	14.94	15.37	14.75	4.98	ppb
Boron	11-1	14.13	14.81	15.75	14.90	5.44	ppb
Bromine	81-1						cps
Cadmium	111-1	5.91	6.52	6.31	6.25	5.00	ppb
Cadmium	106-1	4.62	6.03	2.93	4.53	34.25	ppb
Cadmium	108-1	5.64	7.10	6.13	6.29	11.78	ppb
Calcium	43-1	22038.78	22368.78	23468.17	22625.24	3.31	ppb
Calcium	44-1	22189.28	22206.14	23665.54	22686.99	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.75	41.37	41.31	41.14	0.83	ppb
Cobalt	59-2	21.87	21.70	22.50	22.02	1.92	ppb
Copper	63-2	142.28	142.28	146.27	143.61	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				110		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	54-2	51091.85	52421.76	54196.45	52570.02	2.96	ppb
Iron	56-2	53119.57	52095.28	53440.34	52885.07	1.33	ppb
Iron	57-2	53048.53	53476.44	55366.77	53963.91	2.29	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-09	Instrumnet Name :	P8
Client Sample ID :	MH1FK0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:11:33	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	403.12	422.14	389.26	404.84	4.08	ppb
Lead	207-1	353.81	385.83	384.78	374.81	4.85	ppb
Lead	208-1	392.41	415.57	404.53	404.17	2.87	ppb
Lithium	6-1				97		%
Magnesium	24-2	9650.06	9484.42	9703.63	9612.70	1.19	ppb
Manganese	55-2	1405.56	1390.26	1429.22	1408.35	1.39	ppb
Molybdenum	94-1	6.66	7.26	7.19	7.04	4.70	ppb
Molybdenum	95-1	3.45	3.63	3.76	3.62	4.21	ppb
Molybdenum	96-1	4.24	4.52	4.40	4.39	3.16	ppb
Molybdenum	97-1	3.52	3.88	3.54	3.65	5.57	ppb
Molybdenum	98-1	3.51	3.69	3.72	3.64	3.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.16	99.28	103.83	101.09	2.39	ppb
Phosphorus	31-2	2995.36	2981.47	3153.01	3043.28	3.13	ppb
Potassium	39-2	5947.81	5948.27	6037.68	5977.92	0.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				77		%
Selenium	82-1	2.82	2.57	2.95	2.78	6.93	ppb
Selenium	77-2	62.95	33.34	36.41	44.23	36.81	ppb
Selenium	78-2	9.49	9.51	8.02	9.01	9.52	ppb
Silicon	28-1	2345.57	2379.16	2399.00	2374.58	1.14	ppb
Silver	107-1	1.73	1.87	1.85	1.82	4.11	ppb
Silver	109-1	1.75	1.85	1.84	1.81	3.02	ppb
Sodium	23-2	323.37	333.03	347.62	334.67	3.65	ppb
Strontium	86-1	132.61	140.83	141.49	138.31	3.57	ppb
Strontium	88-1	133.73	142.70	141.42	139.28	3.48	ppb
Sulfur	34-1	-1837.76	-1971.92	-1303.89	-1704.52		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.69	0.66	0.73	0.69	5.12	ppb
Thallium	205-1	0.72	0.74	0.71	0.72	2.12	ppb
Tin	118-1	6.92	7.69	7.40	7.34	5.29	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-09	Instrumnet Name :	P8
Client Sample ID :	MH1FK0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:11:33	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	223.55	223.22	238.27	228.35	3.76	ppb
Uranium	238-1	3.99	4.19	4.13	4.11	2.48	ppb
Vanadium	51-2	89.69	89.33	90.60	89.87	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				89		%
Zinc	66-2	1248.15	1256.13	1269.18	1257.82	0.84	ppb
Zirconium	90-1	2.05	2.09	2.15	2.10	2.26	ppb
Zirconium	91-1	1.94	2.02	2.19	2.05	6.31	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-10	Instrumnet Name :	P8
Client Sample ID :	MH1FK1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:14:31	DataFile Name :	175AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26923.50	27049.89	26569.53	26847.64	0.93	ppb
Antimony	121-1	3.98	4.19	4.14	4.10	2.68	ppb
Arsenic	75-2	35.10	34.90	34.73	34.91	0.53	ppb
Barium	135-1	786.62	780.13	782.09	782.95	0.42	ppb
Barium	137-1	820.06	804.13	803.88	809.36	1.15	ppb
Beryllium	9-1	2.97	2.93	2.90	2.93	1.14	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	37.07	38.68	40.56	38.77	4.50	ppb
Boron	11-1	37.06	41.49	40.03	39.52	5.71	ppb
Bromine	81-1						cps
Cadmium	111-1	14.69	14.91	14.48	14.69	1.46	ppb
Cadmium	106-1	12.20	9.91	10.21	10.77	11.59	ppb
Cadmium	108-1	16.00	15.25	14.05	15.10	6.50	ppb
Calcium	43-1	100563.40	96234.94	96323.34	97707.23	2.53	ppb
Calcium	44-1	97522.73	95012.77	97005.47	96513.66	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.01	169.79	167.40	169.40	1.08	ppb
Cobalt	59-2	29.08	28.16	28.40	28.55	1.68	ppb
Copper	63-2	366.49	365.77	361.55	364.60	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				88		%
Iron	54-2	85785.48	88131.09	83955.46	85957.34	2.44	ppb
Iron	56-2	87407.29	86274.54	85134.00	86271.94	1.32	ppb
Iron	57-2	87853.41	87524.77	86252.16	87210.11	0.97	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-10	Instrumnet Name :	P8
Client Sample ID :	MH1FK1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:14:31	DataFile Name :	175AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1070.50	1086.31	1138.01	1098.27	3.22	ppb
Lead	207-1	1041.21	1064.56	1116.36	1074.04	3.58	ppb
Lead	208-1	1056.86	1058.40	1095.71	1070.33	2.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	16366.93	16408.13	16281.64	16352.23	0.39	ppb
Manganese	55-2	4041.87	4000.56	3986.47	4009.64	0.72	ppb
Molybdenum	94-1	12.07	10.97	11.57	11.54	4.80	ppb
Molybdenum	95-1	6.67	6.21	6.30	6.39	3.80	ppb
Molybdenum	96-1	7.63	7.22	7.60	7.48	3.03	ppb
Molybdenum	97-1	6.29	6.34	6.68	6.44	3.33	ppb
Molybdenum	98-1	6.49	6.21	6.57	6.42	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	213.70	216.61	207.92	212.74	2.08	ppb
Phosphorus	31-2	5610.99	5581.24	5398.18	5530.14	2.08	ppb
Potassium	39-2	7320.39	7438.92	7330.17	7363.16	0.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				77		%
Selenium	82-1	3.91	3.41	4.68	4.00	15.87	ppb
Selenium	77-2	48.61	49.04	43.98	47.21	5.95	ppb
Selenium	78-2	11.07	10.86	9.26	10.40	9.55	ppb
Silicon	28-1	2777.03	2718.99	2856.46	2784.16	2.48	ppb
Silver	107-1	5.08	4.96	5.18	5.07	2.21	ppb
Silver	109-1	5.32	5.15	5.08	5.18	2.37	ppb
Sodium	23-2	724.51	730.44	725.16	726.71	0.45	ppb
Strontium	86-1	403.19	403.27	426.07	410.85	3.21	ppb
Strontium	88-1	413.60	401.48	419.90	411.66	2.27	ppb
Sulfur	34-1	749.50	733.93	861.99	781.81	8.94	ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.57	0.61	0.68	0.62	9.23	ppb
Thallium	205-1	0.60	0.69	0.72	0.67	8.84	ppb
Tin	118-1	25.62	24.69	25.45	25.25	1.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-10	Instrumnet Name :	P8
Client Sample ID :	MH1FK1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:14:31	DataFile Name :	175AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	372.34	370.86	376.54	373.25	0.79	ppb
Uranium	238-1	5.68	5.67	5.83	5.73	1.57	ppb
Vanadium	51-2	115.11	114.34	111.78	113.74	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				90		%
Zinc	66-2	4044.59	4002.97	4014.10	4020.55	0.54	ppb
Zirconium	90-1	3.35	3.13	3.31	3.26	3.54	ppb
Zirconium	91-1	3.23	3.01	3.32	3.19	5.01	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-11	Instrumnet Name :	P8
Client Sample ID :	MH1FK2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:17:27	DataFile Name :	176AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23971.86	23329.76	23158.29	23486.64	1.83	ppb
Antimony	121-1	3.31	3.29	3.24	3.28	1.10	ppb
Arsenic	75-2	46.38	45.29	45.23	45.63	1.42	ppb
Barium	135-1	725.03	715.16	731.09	723.76	1.11	ppb
Barium	137-1	772.19	748.57	770.86	763.87	1.74	ppb
Beryllium	9-1	2.91	3.05	3.01	2.99	2.41	ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	10-1	27.67	29.16	28.74	28.53	2.69	ppb
Boron	11-1	28.58	28.72	29.30	28.87	1.33	ppb
Bromine	81-1						cps
Cadmium	111-1	22.39	21.80	21.78	21.99	1.58	ppb
Cadmium	106-1	18.92	16.32	16.69	17.31	8.13	ppb
Cadmium	108-1	20.20	20.23	20.74	20.39	1.48	ppb
Calcium	43-1	85306.16	85516.36	86703.56	85842.03	0.88	ppb
Calcium	44-1	84082.70	84127.39	85151.73	84453.94	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.82	61.16	60.65	61.21	0.96	ppb
Cobalt	59-2	31.14	31.11	30.66	30.97	0.87	ppb
Copper	63-2	595.25	582.49	577.64	585.13	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				87		%
Iron	54-2	95903.13	95450.74	94525.03	95292.97	0.74	ppb
Iron	56-2	96232.20	96021.67	93353.50	95202.46	1.69	ppb
Iron	57-2	99371.11	95871.82	96328.56	97190.50	1.96	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-11	Instrumnet Name :	P8
Client Sample ID :	MH1FK2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:17:27	DataFile Name :	176AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1430.00	1404.22	1430.77	1421.67	1.06	ppb
Lead	207-1	1395.99	1372.27	1420.80	1396.35	1.74	ppb
Lead	208-1	1386.81	1392.24	1414.55	1397.87	1.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	12770.42	12506.98	12684.74	12654.05	1.06	ppb
Manganese	55-2	4170.03	4204.12	4122.97	4165.71	0.98	ppb
Molybdenum	94-1	8.65	8.09	8.37	8.37	3.38	ppb
Molybdenum	95-1	4.65	4.61	4.67	4.64	0.61	ppb
Molybdenum	96-1	5.50	5.47	5.75	5.57	2.82	ppb
Molybdenum	97-1	4.64	4.27	4.69	4.53	4.97	ppb
Molybdenum	98-1	4.59	4.35	4.64	4.52	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.90	104.39	101.93	104.41	2.38	ppb
Phosphorus	31-2	4839.25	5070.58	5010.61	4973.48	2.41	ppb
Potassium	39-2	4862.40	4674.33	4590.02	4708.92	2.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				75		%
Selenium	82-1	4.23	4.66	3.92	4.27	8.67	ppb
Selenium	77-2	45.63	37.52	48.31	43.82	12.82	ppb
Selenium	78-2	8.53	9.53	7.40	8.48	12.54	ppb
Silicon	28-1	1911.52	2315.96	1918.57	2048.68	11.30	ppb
Silver	107-1	10.65	10.77	10.77	10.73	0.68	ppb
Silver	109-1	11.13	10.69	10.81	10.88	2.11	ppb
Sodium	23-2	693.77	656.39	661.94	670.70	3.01	ppb
Strontium	86-1	385.16	375.10	385.11	381.79	1.52	ppb
Strontium	88-1	385.44	377.85	379.52	380.94	1.05	ppb
Sulfur	34-1	-28.05	215.01	-4.11	60.95	219.79	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.90	0.89	0.94	0.91	3.35	ppb
Thallium	205-1	1.00	0.93	1.08	1.00	7.15	ppb
Tin	118-1	40.99	40.36	39.08	40.15	2.43	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-11	Instrumnet Name :	P8
Client Sample ID :	MH1FK2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:17:27	DataFile Name :	176AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	329.18	328.50	331.52	329.73	0.48	ppb
Uranium	238-1	5.41	5.40	5.54	5.45	1.51	ppb
Vanadium	51-2	106.19	101.92	102.11	103.41	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				88		%
Zinc	66-2	4954.26	4857.22	4748.94	4853.47	2.12	ppb
Zirconium	90-1	2.27	2.22	2.22	2.24	1.34	ppb
Zirconium	91-1	2.35	2.34	2.19	2.29	3.93	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-12	Instrumnet Name :	P8
Client Sample ID :	MH1FK3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:20:21	DataFile Name :	177AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21684.21	21620.91	21561.49	21622.20	0.28	ppb
Antimony	121-1	2.48	2.34	2.25	2.36	4.99	ppb
Arsenic	75-2	38.23	37.55	37.38	37.72	1.19	ppb
Barium	135-1	590.20	547.26	534.35	557.27	5.25	ppb
Barium	137-1	592.54	564.49	549.37	568.80	3.85	ppb
Beryllium	9-1	2.85	2.55	2.39	2.60	8.95	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	19.27	18.59	18.26	18.71	2.75	ppb
Boron	11-1	19.52	18.95	18.60	19.02	2.44	ppb
Bromine	81-1						cps
Cadmium	111-1	17.59	16.07	15.51	16.39	6.56	ppb
Cadmium	106-1	12.72	9.42	10.03	10.72	16.40	ppb
Cadmium	108-1	14.19	14.12	14.34	14.22	0.80	ppb
Calcium	43-1	66755.60	62020.61	57790.07	62188.76	7.21	ppb
Calcium	44-1	66043.79	63221.95	57639.63	62301.79	6.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.95	32.79	32.46	32.73	0.76	ppb
Cobalt	59-2	26.56	26.69	26.38	26.55	0.59	ppb
Copper	63-2	337.89	341.26	341.41	340.18	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	54-2	74075.92	73347.71	72639.69	73354.44	0.98	ppb
Iron	56-2	73963.84	72875.33	71506.34	72781.83	1.69	ppb
Iron	57-2	75251.36	73203.46	73209.65	73888.16	1.60	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-12	Instrumnet Name :	P8
Client Sample ID :	MH1FK3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:20:21	DataFile Name :	177AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	969.18	883.86	869.60	907.55	5.93	ppb
Lead	207-1	950.06	868.34	862.19	893.53	5.49	ppb
Lead	208-1	956.72	878.76	863.15	899.55	5.57	ppb
Lithium	6-1				95		%
Magnesium	24-2	10647.92	10616.12	10530.30	10598.11	0.57	ppb
Manganese	55-2	2776.22	2799.21	2703.69	2759.71	1.81	ppb
Molybdenum	94-1	7.58	7.45	8.56	7.86	7.72	ppb
Molybdenum	95-1	3.94	3.65	3.61	3.73	4.76	ppb
Molybdenum	96-1	5.00	4.80	4.57	4.79	4.47	ppb
Molybdenum	97-1	3.98	3.80	3.65	3.81	4.24	ppb
Molybdenum	98-1	4.05	3.67	3.55	3.75	7.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.82	78.68	75.67	77.05	1.97	ppb
Phosphorus	31-2	3197.14	3314.86	3334.73	3282.24	2.27	ppb
Potassium	39-2	4649.79	4700.83	4677.51	4676.04	0.55	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				75		%
Selenium	82-1	2.48	3.20	2.52	2.73	14.89	ppb
Selenium	77-2	48.94	49.99	32.18	43.70	22.87	ppb
Selenium	78-2	7.57	6.83	8.91	7.77	13.56	ppb
Silicon	28-1	2059.47	2017.07	1838.26	1971.60	5.95	ppb
Silver	107-1	5.94	5.36	5.25	5.52	6.74	ppb
Silver	109-1	6.07	5.61	5.06	5.58	9.05	ppb
Sodium	23-2	548.46	562.36	554.77	555.20	1.25	ppb
Strontium	86-1	293.80	279.76	266.81	280.12	4.82	ppb
Strontium	88-1	295.00	282.92	265.98	281.30	5.18	ppb
Sulfur	34-1	17.32	-406.14	-1414.74	-601.19		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	1.07	1.03	0.97	1.02	4.64	ppb
Thallium	205-1	1.11	1.01	0.98	1.03	6.68	ppb
Tin	118-1	20.65	19.56	18.61	19.60	5.21	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-12	Instrumnet Name :	P8
Client Sample ID :	MH1FK3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:20:21	DataFile Name :	177AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	274.84	265.24	251.30	263.79	4.49	ppb
Uranium	238-1	4.38	3.98	3.94	4.10	5.92	ppb
Vanadium	51-2	95.45	95.51	93.16	94.71	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	2522.77	2512.35	2500.12	2511.74	0.45	ppb
Zirconium	90-1	2.34	2.27	2.18	2.26	3.64	ppb
Zirconium	91-1	2.38	2.18	2.13	2.23	6.10	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-13	Instrumnet Name :	P8
Client Sample ID :	MH1FK4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:23:17	DataFile Name :	178AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23400.40	23527.99	23402.73	23443.71	0.31	ppb
Antimony	121-1	1.59	1.70	1.59	1.63	4.15	ppb
Arsenic	75-2	32.48	31.74	31.81	32.01	1.27	ppb
Barium	135-1	511.96	549.83	532.19	531.32	3.57	ppb
Barium	137-1	524.06	569.63	557.44	550.38	4.29	ppb
Beryllium	9-1	2.43	2.35	2.41	2.40	1.68	ppb
Bismuth	209-1				115		%
Bismuth	209-2				101		%
Boron	10-1	14.96	15.41	16.15	15.51	3.87	ppb
Boron	11-1	14.58	14.95	15.77	15.10	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	7.82	8.31	8.40	8.18	3.85	ppb
Cadmium	106-1	5.48	4.66	3.91	4.68	16.76	ppb
Cadmium	108-1	7.12	6.73	8.27	7.37	10.85	ppb
Calcium	43-1	51384.88	50650.24	51173.61	51069.58	0.74	ppb
Calcium	44-1	51886.86	51448.98	53502.80	52279.55	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.78	33.61	33.15	33.51	0.96	ppb
Cobalt	59-2	23.71	23.68	23.32	23.57	0.93	ppb
Copper	63-2	214.80	215.83	214.60	215.08	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				112		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				87		%
Iron	54-2	58080.72	58884.94	58670.57	58545.41	0.71	ppb
Iron	56-2	57578.14	59065.32	58002.24	58215.23	1.32	ppb
Iron	57-2	57899.48	58868.46	59051.85	58606.60	1.06	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-13	Instrumnet Name :	P8
Client Sample ID :	MH1FK4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:23:17	DataFile Name :	178AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	462.95	459.89	468.13	463.66	0.90	ppb
Lead	207-1	454.05	422.28	416.87	431.07	4.66	ppb
Lead	208-1	458.09	456.84	450.70	455.21	0.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	11095.68	11315.38	11247.17	11219.41	1.00	ppb
Manganese	55-2	1824.06	1877.13	1887.04	1862.74	1.82	ppb
Molybdenum	94-1	6.35	6.67	6.27	6.43	3.35	ppb
Molybdenum	95-1	3.62	3.60	3.63	3.62	0.49	ppb
Molybdenum	96-1	4.38	4.30	4.25	4.31	1.50	ppb
Molybdenum	97-1	3.44	3.60	3.74	3.60	4.15	ppb
Molybdenum	98-1	3.43	3.59	3.68	3.57	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.99	71.61	71.36	71.65	0.44	ppb
Phosphorus	31-2	2980.10	2801.37	3106.48	2962.65	5.17	ppb
Potassium	39-2	5264.16	5365.81	5313.03	5314.33	0.96	ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				76		%
Selenium	82-1	2.40	2.76	3.11	2.76	13.01	ppb
Selenium	77-2	56.05	44.13	46.48	48.88	12.92	ppb
Selenium	78-2	8.55	9.65	10.31	9.50	9.32	ppb
Silicon	28-1	2246.58	2134.86	2114.00	2165.14	3.29	ppb
Silver	107-1	2.91	3.03	2.95	2.96	2.17	ppb
Silver	109-1	3.03	3.07	2.99	3.03	1.29	ppb
Sodium	23-2	552.66	575.81	570.74	566.40	2.15	ppb
Strontium	86-1	231.19	235.43	230.82	232.48	1.10	ppb
Strontium	88-1	238.10	230.44	234.62	234.39	1.64	ppb
Sulfur	34-1	-937.81	-1196.51	-708.31	-947.54		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.78	0.71	0.70	0.73	6.01	ppb
Thallium	205-1	0.78	0.78	0.81	0.79	2.32	ppb
Tin	118-1	11.94	12.27	12.25	12.16	1.53	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-13	Instrumnet Name :	P8
Client Sample ID :	MH1FK4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:23:17	DataFile Name :	178AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	186.06	185.72	181.28	184.35	1.45	ppb
Uranium	238-1	3.57	3.44	3.47	3.50	1.97	ppb
Vanadium	51-2	97.27	96.64	95.41	96.44	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				89		%
Zinc	66-2	1244.20	1240.06	1232.19	1238.82	0.49	ppb
Zirconium	90-1	1.86	1.93	1.99	1.93	3.26	ppb
Zirconium	91-1	1.86	1.93	1.94	1.91	2.22	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14	Instrumnet Name :	P8
Client Sample ID :	MH1FN5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:26:13	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31482.96	30680.07	30947.62	31036.88	1.32	ppb
Antimony	121-1	3.85	3.92	3.80	3.86	1.59	ppb
Arsenic	75-2	61.32	63.07	60.87	61.75	1.88	ppb
Barium	135-1	1219.96	1183.50	1220.37	1207.94	1.75	ppb
Barium	137-1	1253.94	1210.85	1220.77	1228.52	1.84	ppb
Beryllium	9-1	4.01	4.35	3.88	4.08	5.99	ppb
Bismuth	209-1				119		%
Bismuth	209-2				103		%
Boron	10-1	43.04	45.75	49.79	46.19	7.36	ppb
Boron	11-1	42.91	46.52	49.12	46.18	6.76	ppb
Bromine	81-1						cps
Cadmium	111-1	27.19	26.89	27.58	27.22	1.27	ppb
Cadmium	106-1	22.78	20.86	21.80	21.81	4.40	ppb
Cadmium	108-1	25.41	25.15	26.09	25.55	1.90	ppb
Calcium	43-1	149439.54	146706.54	150914.19	149020.09	1.43	ppb
Calcium	44-1	147874.16	148107.12	151554.14	149178.47	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	110.48	109.18	108.20	109.29	1.05	ppb
Cobalt	59-2	40.64	40.42	40.03	40.36	0.77	ppb
Copper	63-2	822.55	795.17	784.86	800.86	2.43	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				113		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				87		%
Iron	54-2	119406.87	115773.59	115328.31	116836.26	1.91	ppb
Iron	56-2	120600.25	116518.07	116789.81	117969.38	1.93	ppb
Iron	57-2	121284.32	119166.03	114885.58	118445.31	2.75	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14	Instrumnet Name :	P8
Client Sample ID :	MH1FN5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:26:13	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2268.64	2216.28	2266.35	2250.43	1.31	ppb
Lead	207-1	2175.13	2164.82	2216.92	2185.62	1.26	ppb
Lead	208-1	2213.28	2228.66	2242.58	2228.17	0.66	ppb
Lithium	6-1				98		%
Magnesium	24-2	18532.13	17614.26	17887.14	18011.18	2.62	ppb
Manganese	55-2	5081.88	5026.84	5048.82	5052.51	0.55	ppb
Molybdenum	94-1	11.05	10.47	10.90	10.80	2.77	ppb
Molybdenum	95-1	6.51	6.16	6.05	6.24	3.91	ppb
Molybdenum	96-1	7.85	7.49	7.73	7.69	2.38	ppb
Molybdenum	97-1	6.74	6.35	6.20	6.43	4.39	ppb
Molybdenum	98-1	6.22	6.32	6.17	6.24	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.56	128.14	127.62	129.11	1.66	ppb
Phosphorus	31-2	8250.59	8860.90	8357.57	8489.68	3.84	ppb
Potassium	39-2	6926.06	6684.10	6699.62	6769.93	2.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				76		%
Selenium	82-1	7.97	6.37	7.03	7.12	11.36	ppb
Selenium	77-2	72.59	66.84	57.30	65.58	11.78	ppb
Selenium	78-2	13.15	15.03	15.59	14.59	8.78	ppb
Silicon	28-1	3326.77	3031.63	3265.98	3208.13	4.86	ppb
Silver	107-1	16.24	15.69	15.93	15.95	1.73	ppb
Silver	109-1	16.47	16.16	15.87	16.17	1.86	ppb
Sodium	23-2	1093.48	1056.86	1042.26	1064.20	2.48	ppb
Strontium	86-1	670.21	664.13	665.98	666.77	0.47	ppb
Strontium	88-1	660.49	643.07	645.43	649.66	1.45	ppb
Sulfur	34-1	1691.05	952.15	1649.89	1431.03	29.02	ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	0.98	1.00	1.03	1.00	2.64	ppb
Thallium	205-1	1.00	0.96	1.02	0.99	2.97	ppb
Tin	118-1	69.05	65.26	69.21	67.84	3.29	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14	Instrumnet Name :	P8
Client Sample ID :	MH1FN5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:26:13	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	366.05	348.10	357.32	357.16	2.51	ppb
Uranium	238-1	8.02	8.04	8.15	8.07	0.86	ppb
Vanadium	51-2	149.27	145.96	144.03	146.42	1.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				90		%
Zinc	66-2	6979.05	6813.00	6629.12	6807.06	2.57	ppb
Zirconium	90-1	2.98	2.88	2.93	2.93	1.76	ppb
Zirconium	91-1	3.06	2.96	2.86	2.96	3.38	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-15	Instrumnet Name :	P8
Client Sample ID :	MH1FN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:29:09	DataFile Name :	180AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23518.42	23413.05	23465.05	23465.51	0.22	ppb
Antimony	121-1	3.40	3.59	3.47	3.48	2.85	ppb
Arsenic	75-2	49.29	48.68	48.57	48.85	0.79	ppb
Barium	135-1	883.03	892.20	918.93	898.05	2.08	ppb
Barium	137-1	921.45	920.01	926.62	922.69	0.38	ppb
Beryllium	9-1	2.88	3.09	3.03	3.00	3.53	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	34.87	38.52	39.49	37.63	6.48	ppb
Boron	11-1	35.31	38.74	41.12	38.39	7.61	ppb
Bromine	81-1						cps
Cadmium	111-1	17.99	17.70	18.26	17.99	1.54	ppb
Cadmium	106-1	14.11	13.23	14.64	13.99	5.11	ppb
Cadmium	108-1	16.81	17.86	17.66	17.44	3.18	ppb
Calcium	43-1	108532.90	110200.30	110438.73	109723.98	0.95	ppb
Calcium	44-1	106816.14	108005.83	109911.22	108244.40	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.96	84.68	85.56	85.40	0.77	ppb
Cobalt	59-2	32.64	31.58	32.06	32.09	1.65	ppb
Copper	63-2	580.71	579.92	584.65	581.76	0.44	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				113		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				86		%
Iron	54-2	100169.79	98945.91	99135.35	99417.02	0.66	ppb
Iron	56-2	99903.48	99971.93	100662.85	100179.42	0.42	ppb
Iron	57-2	101056.24	101809.49	101311.35	101392.36	0.38	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-15	Instrumnet Name :	P8
Client Sample ID :	MH1FN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:29:09	DataFile Name :	180AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1656.54	1645.04	1676.10	1659.23	0.95	ppb
Lead	207-1	1615.46	1641.74	1619.23	1625.48	0.87	ppb
Lead	208-1	1628.45	1618.67	1652.07	1633.06	1.05	ppb
Lithium	6-1				99		%
Magnesium	24-2	13730.20	14131.68	13758.09	13873.32	1.62	ppb
Manganese	55-2	3874.28	3858.67	3856.72	3863.22	0.25	ppb
Molybdenum	94-1	9.43	9.01	9.21	9.22	2.29	ppb
Molybdenum	95-1	5.67	5.89	5.67	5.75	2.17	ppb
Molybdenum	96-1	6.54	6.82	7.23	6.86	5.04	ppb
Molybdenum	97-1	5.51	5.83	6.15	5.83	5.45	ppb
Molybdenum	98-1	5.44	5.69	5.88	5.67	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.31	102.61	104.34	103.76	0.96	ppb
Phosphorus	31-2	6453.53	6148.14	6235.68	6279.12	2.50	ppb
Potassium	39-2	5293.55	5208.55	5291.82	5264.64	0.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				74		%
Selenium	82-1	5.84	6.64	6.48	6.32	6.70	ppb
Selenium	77-2	61.45	45.45	40.36	49.09	22.41	ppb
Selenium	78-2	12.29	13.33	10.52	12.05	11.79	ppb
Silicon	28-1	2510.04	2576.82	2556.53	2547.80	1.34	ppb
Silver	107-1	11.27	11.75	11.79	11.60	2.51	ppb
Silver	109-1	11.78	12.03	12.00	11.94	1.17	ppb
Sodium	23-2	795.27	794.35	798.25	795.95	0.26	ppb
Strontium	86-1	475.84	489.13	495.94	486.97	2.10	ppb
Strontium	88-1	473.06	490.85	487.13	483.68	1.94	ppb
Sulfur	34-1	627.15	801.25	722.38	716.93	12.16	ppb
Terbium	159-1				113		%
Terbium	159-2				101		%
Thallium	203-1	0.75	0.76	0.75	0.75	1.11	ppb
Thallium	205-1	0.81	0.84	0.79	0.81	3.55	ppb
Tin	118-1	50.24	51.29	50.98	50.84	1.06	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-15	Instrumnet Name :	P8
Client Sample ID :	MH1FN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:29:09	DataFile Name :	180AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	321.27	308.68	316.26	315.40	2.01	ppb
Uranium	238-1	6.34	6.36	6.20	6.30	1.42	ppb
Vanadium	51-2	117.67	116.55	119.45	117.89	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				88		%
Zinc	66-2	5166.96	5223.17	5129.30	5173.14	0.91	ppb
Zirconium	90-1	2.16	2.22	2.42	2.27	5.91	ppb
Zirconium	91-1	2.25	2.31	2.39	2.32	2.94	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 20:35:26	DataFile Name :	182AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6927.43	6051.73	5959.37	6312.84	8.46	ppb
Antimony	121-1	0.72	0.81	0.78	0.77	5.45	ppb
Arsenic	75-2	14.98	13.51	12.56	13.68	8.91	ppb
Barium	135-1	232.69	236.45	234.95	234.70	0.81	ppb
Barium	137-1	237.06	239.80	239.32	238.72	0.61	ppb
Beryllium	9-1	0.81	0.81	0.79	0.80	1.64	ppb
Bismuth	209-1				114		%
Bismuth	209-2				98		%
Boron	10-1	16.23	15.59	16.62	16.15	3.23	ppb
Boron	11-1	15.81	15.58	15.21	15.53	1.96	ppb
Bromine	81-1						cps
Cadmium	111-1	5.03	5.55	5.34	5.31	4.97	ppb
Cadmium	106-1	1.18	2.24	0.80	1.41	52.99	ppb
Cadmium	108-1	4.98	4.49	4.33	4.60	7.32	ppb
Calcium	43-1	28697.96	28677.42	28683.79	28686.39	0.04	ppb
Calcium	44-1	28901.83	29645.70	28616.73	29054.75	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.22	22.06	21.92	23.07	8.09	ppb
Cobalt	59-2	9.18	8.13	8.25	8.52	6.75	ppb
Copper	63-2	180.41	158.26	155.78	164.82	8.23	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				109		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				82		%
Iron	54-2	27087.46	24769.15	23867.28	25241.30	6.58	ppb
Iron	56-2	27813.28	24111.25	24173.09	25365.87	8.36	ppb
Iron	57-2	26628.13	23371.25	23032.27	24343.88	8.16	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 20:35:26	DataFile Name :	182AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	444.68	459.55	451.53	451.92	1.65	ppb
Lead	207-1	398.98	419.32	398.17	405.49	2.96	ppb
Lead	208-1	426.88	445.09	432.11	434.69	2.16	ppb
Lithium	6-1				94		%
Magnesium	24-2	4121.21	3580.01	3589.18	3763.47	8.23	ppb
Manganese	55-2	1136.38	991.18	984.36	1037.31	8.28	ppb
Molybdenum	94-1	2.18	2.26	2.34	2.26	3.41	ppb
Molybdenum	95-1	1.29	1.36	1.42	1.36	4.84	ppb
Molybdenum	96-1	1.53	1.61	1.60	1.58	2.66	ppb
Molybdenum	97-1	1.35	1.35	1.32	1.34	1.44	ppb
Molybdenum	98-1	1.25	1.33	1.33	1.31	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.59	26.86	25.20	27.22	8.15	ppb
Phosphorus	31-2	1738.22	1645.90	1740.99	1708.37	3.17	ppb
Potassium	39-2	1573.46	1385.71	1326.89	1428.69	9.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				86		%
Scandium	45-1				92		%
Scandium	45-2				69		%
Selenium	82-1	2.28	1.55	3.37	2.40	38.19	ppb
Selenium	77-2	18.78	14.68	9.02	14.16	34.61	ppb
Selenium	78-2	1.57	2.97	2.46	2.33	30.30	ppb
Silicon	28-1	610.11	605.89	571.35	595.78	3.57	ppb
Silver	107-1	3.05	3.26	3.21	3.17	3.34	ppb
Silver	109-1	3.15	3.16	3.29	3.20	2.47	ppb
Sodium	23-2	248.79	203.68	201.39	217.96	12.27	ppb
Strontium	86-1	137.41	139.01	139.33	138.58	0.75	ppb
Strontium	88-1	133.94	139.42	139.79	137.71	2.38	ppb
Sulfur	34-1	-701.59	-851.07	-670.49	-741.05		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.16	0.16	0.13	31.98	ppb
Thallium	205-1	0.14	0.15	0.16	0.15	4.31	ppb
Tin	118-1	13.30	13.48	13.20	13.33	1.04	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 20:35:26	DataFile Name :	182AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	70.98	71.67	71.84	71.50	0.64	ppb
Uranium	238-1	1.62	1.59	1.66	1.62	2.31	ppb
Vanadium	51-2	34.86	29.32	28.91	31.03	10.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				78		%
Zinc	66-2	1560.88	1378.20	1362.29	1433.79	7.70	ppb
Zirconium	90-1	0.57	0.57	0.61	0.58	3.84	ppb
Zirconium	91-1	0.59	0.58	0.94	0.71	28.57	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-16	Instrumnet Name :	P8
Client Sample ID :	MH1FN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:38:25	DataFile Name :	183AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22921.04	22677.38	22881.63	22826.68	0.57	ppb
Antimony	121-1	12.88	12.04	12.19	12.37	3.63	ppb
Arsenic	75-2	55.75	56.55	55.84	56.05	0.79	ppb
Barium	135-1	1289.60	1244.88	1281.87	1272.12	1.88	ppb
Barium	137-1	1273.56	1249.94	1278.01	1267.17	1.19	ppb
Beryllium	9-1	13.26	12.97	13.25	13.16	1.26	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Boron	10-1	34.20	37.59	38.36	36.72	6.03	ppb
Boron	11-1	34.25	36.44	38.82	36.50	6.26	ppb
Bromine	81-1						cps
Cadmium	111-1	28.16	25.97	26.48	26.87	4.26	ppb
Cadmium	106-1	20.00	19.09	21.67	20.26	6.45	ppb
Cadmium	108-1	24.10	23.50	23.87	23.82	1.26	ppb
Calcium	43-1	99755.08	103532.08	104063.56	102450.24	2.29	ppb
Calcium	44-1	99601.94	102674.83	102355.03	101543.93	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.10	121.99	121.96	122.35	0.53	ppb
Cobalt	59-2	137.95	136.75	137.43	137.38	0.44	ppb
Copper	63-2	591.05	591.83	602.80	595.22	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				86		%
Iron	54-2	96962.11	95896.75	95666.68	96175.18	0.72	ppb
Iron	56-2	97480.51	96570.51	98852.79	97634.60	1.18	ppb
Iron	57-2	96944.07	96643.93	98178.54	97255.51	0.84	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-16	Instrumnet Name :	P8
Client Sample ID :	MH1FN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:38:25	DataFile Name :	183AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1533.44	1488.72	1566.75	1529.64	2.56	ppb
Lead	207-1	1494.40	1461.59	1542.53	1499.51	2.71	ppb
Lead	208-1	1505.77	1484.56	1537.50	1509.28	1.77	ppb
Lithium	6-1				97		%
Magnesium	24-2	13062.84	12837.07	13121.84	13007.25	1.16	ppb
Manganese	55-2	3689.60	3736.24	3800.37	3742.07	1.49	ppb
Molybdenum	94-1	8.72	8.89	9.04	8.89	1.79	ppb
Molybdenum	95-1	5.49	5.62	5.58	5.56	1.15	ppb
Molybdenum	96-1	6.22	6.80	6.55	6.52	4.43	ppb
Molybdenum	97-1	5.35	5.84	5.57	5.59	4.35	ppb
Molybdenum	98-1	5.30	5.54	5.52	5.45	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	208.97	204.24	209.71	207.64	1.43	ppb
Phosphorus	31-2	6145.23	5756.30	6118.05	6006.53	3.61	ppb
Potassium	39-2	5025.72	5095.18	5024.87	5048.59	0.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				75		%
Selenium	82-1	19.31	18.77	18.90	18.99	1.47	ppb
Selenium	77-2	48.91	56.83	60.69	55.48	10.83	ppb
Selenium	78-2	25.30	23.41	24.08	24.26	3.95	ppb
Silicon	28-1	2601.53	2681.26	2745.72	2676.17	2.70	ppb
Silver	107-1	22.80	21.96	22.21	22.32	1.93	ppb
Silver	109-1	23.31	22.32	22.82	22.81	2.17	ppb
Sodium	23-2	764.67	744.89	769.06	759.54	1.69	ppb
Strontium	86-1	454.42	461.93	468.99	461.78	1.58	ppb
Strontium	88-1	456.24	455.65	459.57	457.15	0.46	ppb
Sulfur	34-1	134.82	557.96	1048.25	580.34	78.77	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	8.94	9.12	9.03	9.03	0.98	ppb
Thallium	205-1	8.96	8.87	9.15	8.99	1.56	ppb
Tin	118-1	48.79	47.35	46.71	47.62	2.24	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-16	Instrumnet Name :	P8
Client Sample ID :	MH1FN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:38:25	DataFile Name :	183AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	322.11	318.41	336.26	325.60	2.89	ppb
Uranium	238-1	5.97	5.63	5.64	5.75	3.36	ppb
Vanadium	51-2	213.89	208.92	213.28	212.03	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				87		%
Zinc	66-2	4890.91	4925.59	4975.40	4930.63	0.86	ppb
Zirconium	90-1	2.30	2.30	2.25	2.28	1.16	ppb
Zirconium	91-1	2.27	2.46	2.28	2.34	4.50	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P8
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:48:41	DataFile Name :	186CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52140.35	52029.34	49489.39	51219.69	2.93	ppb
Antimony	121-1	472.38	464.55	501.88	479.60	4.10	ppb
Arsenic	75-2	486.91	480.57	489.62	485.70	0.96	ppb
Barium	135-1	2366.05	2348.51	2545.55	2420.04	4.51	ppb
Barium	137-1	2414.99	2339.92	2553.23	2436.05	4.44	ppb
Beryllium	9-1	493.16	500.53	518.93	504.21	2.63	ppb
Bismuth	209-1				107		%
Bismuth	209-2				92		%
Boron	10-1	510.56	541.42	573.80	541.93	5.84	ppb
Boron	11-1	506.50	529.62	579.09	538.40	6.89	ppb
Bromine	81-1						cps
Cadmium	111-1	460.69	455.02	489.66	468.45	3.97	ppb
Cadmium	106-1	448.79	434.64	464.22	449.22	3.29	ppb
Cadmium	108-1	444.68	444.62	473.80	454.37	3.70	ppb
Calcium	43-1	259506.48	249336.91	280021.77	262955.05	5.94	ppb
Calcium	44-1	260075.43	254383.75	277699.66	264052.95	4.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.60	494.68	492.79	497.02	1.16	ppb
Cobalt	59-2	554.45	548.16	539.14	547.25	1.41	ppb
Copper	63-2	5355.50	5257.46	5227.99	5280.31	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				98		%
Indium	115-1				97		%
Indium	115-2				80		%
Iron	54-2	140003.78	137224.56	134602.41	137276.91	1.97	ppb
Iron	56-2	139868.48	132641.79	134146.30	135552.19	2.81	ppb
Iron	57-2	141510.57	139727.96	135227.86	138822.13	2.33	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P8
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:48:41	DataFile Name :	186CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2420.77	2407.46	2584.35	2470.86	3.99	ppb
Lead	207-1	2440.69	2432.53	2594.69	2489.30	3.67	ppb
Lead	208-1	2442.99	2452.80	2616.07	2503.95	3.88	ppb
Lithium	6-1				93		%
Magnesium	24-2	258335.81	261460.39	248573.34	256123.18	2.62	ppb
Manganese	55-2	5257.62	5127.15	5050.43	5145.07	2.04	ppb
Molybdenum	94-1	4669.86	4781.89	5104.36	4852.04	4.65	ppb
Molybdenum	95-1	4620.00	4677.86	5022.10	4773.32	4.55	ppb
Molybdenum	96-1	4687.41	4682.44	5057.96	4809.27	4.48	ppb
Molybdenum	97-1	4642.57	4546.83	5114.50	4767.97	6.37	ppb
Molybdenum	98-1	4749.75	4612.96	5057.29	4806.67	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.54	528.76	526.63	530.64	0.98	ppb
Phosphorus	31-2	10386.29	9896.72	8954.33	9745.78	7.47	ppb
Potassium	39-2	124868.85	121751.21	123059.28	123226.45	1.27	ppb
Rhodium	103-1				89		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				71		%
Selenium	82-1	480.14	479.44	517.58	492.39	4.43	ppb
Selenium	77-2	455.80	482.85	447.61	462.09	3.99	ppb
Selenium	78-2	485.47	469.73	474.08	476.43	1.71	ppb
Silicon	28-1	666.87	699.79	802.88	723.18	9.81	ppb
Silver	107-1	453.42	448.33	480.00	460.58	3.69	ppb
Silver	109-1	467.14	461.30	493.18	473.87	3.58	ppb
Sodium	23-2	266707.24	258921.65	252769.27	259466.06	2.69	ppb
Strontium	86-1	4765.81	4825.78	5206.50	4932.70	4.85	ppb
Strontium	88-1	4891.46	4772.31	5147.40	4937.06	3.88	ppb
Sulfur	34-1	10239.85	9469.21	11553.94	10421.00	10.12	ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	488.14	485.14	535.92	503.07	5.66	ppb
Thallium	205-1	490.49	484.81	528.11	501.14	4.70	ppb
Tin	118-1	462.90	462.10	493.53	472.85	3.79	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P8
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:48:41	DataFile Name :	186CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4627.02	4517.36	4904.00	4682.79	4.26	ppb
Uranium	238-1	516.89	513.87	554.38	528.38	4.27	ppb
Vanadium	51-2	514.81	504.70	501.26	506.92	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				78		%
Zinc	66-2	5051.55	4984.78	4951.55	4995.96	1.02	ppb
Zirconium	90-1	488.61	486.84	520.94	498.80	3.85	ppb
Zirconium	91-1	475.38	483.13	528.48	495.66	5.79	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P8
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:55:35	DataFile Name :	187CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.15	1.22	1.38	1.25	9.21	ppb
Antimony	121-1	0.13	0.11	0.12	0.12	5.66	ppb
Arsenic	75-2	-0.02	0.02	0.02	0.01	284.66	ppb
Barium	135-1	0.08	0.08	0.05	0.07	27.16	ppb
Barium	137-1	0.07	0.06	0.06	0.06	8.00	ppb
Beryllium	9-1	0.06	0.04	0.07	0.06	24.20	ppb
Bismuth	209-1				111		%
Bismuth	209-2				98		%
Boron	10-1	23.09	23.13	21.21	22.48	4.88	ppb
Boron	11-1	22.47	22.90	21.21	22.19	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.02	-0.03	-0.04		ppb
Cadmium	106-1	-6.84	-5.10	-4.67	-5.54		ppb
Cadmium	108-1	-0.16	-0.19	-0.08	-0.14		ppb
Calcium	43-1	6.93	3.83	5.81	5.52	28.39	ppb
Calcium	44-1	-5.86	-6.91	-7.88	-6.88		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	-0.04	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	111.40	ppb
Copper	63-2	0.15	0.15	0.11	0.14	15.74	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				108		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				84		%
Iron	54-2	1.22	2.65	2.89	2.26	39.99	ppb
Iron	56-2	3.20	2.78	2.50	2.82	12.52	ppb
Iron	57-2	2.17	-0.52	1.75	1.14	127.26	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P8
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:55:35	DataFile Name :	187CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.06	0.07	0.07	17.21	ppb
Lead	207-1	0.07	0.07	0.06	0.07	7.76	ppb
Lead	208-1	0.08	0.08	0.06	0.07	12.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	5.20	5.14	4.07	4.80	13.17	ppb
Manganese	55-2	0.14	0.12	0.05	0.10	44.43	ppb
Molybdenum	94-1	0.31	0.25	0.17	0.24	28.96	ppb
Molybdenum	95-1	0.32	0.24	0.16	0.24	32.86	ppb
Molybdenum	96-1	0.30	0.22	0.19	0.24	23.07	ppb
Molybdenum	97-1	0.33	0.25	0.21	0.26	23.98	ppb
Molybdenum	98-1	0.31	0.25	0.22	0.26	17.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-40.99	-40.96	-48.99	-43.65		ppb
Potassium	39-2	-7.91	1.15	-0.41	-2.39		ppb
Rhodium	103-1				95		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				72		%
Selenium	82-1	0.98	0.32	1.61	0.97	66.34	ppb
Selenium	77-2	0.00	1.16	0.00	0.39	173.21	ppb
Selenium	78-2	0.58	-0.17	-0.28	0.04	1100.69	ppb
Silicon	28-1	-15.10	-19.74	-19.85	-18.23		ppb
Silver	107-1	0.00	0.02	0.02	0.01	70.66	ppb
Silver	109-1	0.04	0.03	0.03	0.03	26.32	ppb
Sodium	23-2	19.44	14.56	16.61	16.87	14.53	ppb
Strontium	86-1	0.19	0.12	0.09	0.13	40.28	ppb
Strontium	88-1	0.16	0.12	0.11	0.13	22.08	ppb
Sulfur	34-1	-1537.94	-1888.38	-1761.69	-1729.34		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.01	-0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.10	-0.12	-0.10	-0.11		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P8
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:55:35	DataFile Name :	187CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.03	0.07	0.05	40.26	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.76	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	136.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				78		%
Zinc	66-2	0.18	0.12	-0.07	0.07	180.27	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	39.17	ppb
Zirconium	91-1	0.01	0.06	0.00	0.02	137.51	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141140BL Instrumnet Name : P8
 Client Sample ID : PBS140 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 20:59:52 DataFile Name : 188CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.88	1.78	1.71	2.12	30.95	ppb
Antimony	121-1	0.05	0.05	0.08	0.06	31.81	ppb
Arsenic	75-2	0.00	0.02	-0.03	0.00		ppb
Barium	135-1	0.04	0.14	0.15	0.11	56.56	ppb
Barium	137-1	0.03	0.12	0.08	0.08	56.15	ppb
Beryllium	9-1	0.03	0.07	0.05	0.05	34.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	12.46	13.45	12.06	12.65	5.66	ppb
Boron	11-1	13.13	13.55	13.21	13.30	1.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.05	-0.03	-0.03		ppb
Cadmium	106-1	-4.30	-4.84	-6.31	-5.15		ppb
Cadmium	108-1	-0.12	0.02	0.09	0.00		ppb
Calcium	43-1	-0.11	12.89	15.05	9.28	88.45	ppb
Calcium	44-1	-13.61	-0.99	0.68	-4.64		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.03	0.02	-0.02		ppb
Cobalt	59-2	0.02	0.02	0.01	0.01	49.29	ppb
Copper	63-2	0.20	0.18	0.18	0.18	5.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				85		%
Iron	54-2	6.39	5.81	8.70	6.97	21.96	ppb
Iron	56-2	6.30	6.29	5.68	6.09	5.79	ppb
Iron	57-2	5.59	3.75	5.76	5.03	22.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BL	Instrumnet Name :	P8
Client Sample ID :	PBS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:59:52	DataFile Name :	188CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.18	0.18	0.13	63.35	ppb
Lead	207-1	0.04	0.18	0.19	0.14	62.90	ppb
Lead	208-1	0.02	0.16	0.21	0.13	73.55	ppb
Lithium	6-1				95		%
Magnesium	24-2	8.80	8.89	8.97	8.89	0.94	ppb
Manganese	55-2	0.25	0.22	0.24	0.24	6.91	ppb
Molybdenum	94-1	0.04	0.22	0.21	0.16	66.41	ppb
Molybdenum	95-1	0.05	0.25	0.26	0.18	63.10	ppb
Molybdenum	96-1	0.07	0.21	0.27	0.18	54.91	ppb
Molybdenum	97-1	0.14	0.24	0.23	0.20	28.73	ppb
Molybdenum	98-1	0.05	0.22	0.24	0.17	60.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.05	-0.02		ppb
Phosphorus	31-2	-36.96	-44.70	-57.51	-46.39		ppb
Potassium	39-2	-12.50	-8.77	0.94	-6.78		ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				89		%
Scandium	45-2				72		%
Selenium	82-1	0.50	0.45	0.42	0.46	9.21	ppb
Selenium	77-2	1.15	0.00	0.00	0.38	173.21	ppb
Selenium	78-2	-1.46	-1.70	0.44	-0.91		ppb
Silicon	28-1	-17.99	-18.85	-20.25	-19.03		ppb
Silver	107-1	0.01	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	0.01	-0.01	0.00	1034.50	ppb
Sodium	23-2	11.76	6.12	11.09	9.66	31.88	ppb
Strontium	86-1	0.00	0.22	0.26	0.16	85.47	ppb
Strontium	88-1	0.03	0.18	0.25	0.15	73.67	ppb
Sulfur	34-1	-1622.81	-1527.73	-1488.23	-1546.26		ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.04	0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.12	-0.11	-0.11	-0.11		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BL	Instrumnet Name :	P8
Client Sample ID :	PBS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:59:52	DataFile Name :	188CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.14	0.16	0.11	74.08	ppb
Uranium	238-1	0.00	0.02	0.02	0.01	80.10	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	47.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				79		%
Zinc	66-2	0.38	0.28	0.53	0.40	31.56	ppb
Zirconium	90-1	-0.01	0.01	0.03	0.01	245.91	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	33.28	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BS	Instrumnet Name :	P8
Client Sample ID :	LCS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:02:57	DataFile Name :	189LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.32	43.04	38.99	41.11	4.95	ppb
Antimony	121-1	3.64	3.63	3.65	3.64	0.22	ppb
Arsenic	75-2	1.87	2.07	1.86	1.93	6.28	ppb
Barium	135-1	17.83	17.92	17.68	17.81	0.67	ppb
Barium	137-1	18.16	18.26	18.17	18.20	0.29	ppb
Beryllium	9-1	2.10	1.97	2.00	2.02	3.26	ppb
Bismuth	209-1				110		%
Bismuth	209-2				97		%
Boron	10-1	52.16	52.99	54.78	53.31	2.50	ppb
Boron	11-1	51.37	51.79	55.53	52.90	4.33	ppb
Bromine	81-1						cps
Cadmium	111-1	1.77	1.75	1.80	1.77	1.45	ppb
Cadmium	106-1	-5.17	-4.21	-3.54	-4.31		ppb
Cadmium	108-1	1.98	1.71	1.89	1.86	7.45	ppb
Calcium	43-1	990.39	959.85	930.65	960.30	3.11	ppb
Calcium	44-1	984.85	960.78	931.50	959.04	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.82	3.69	3.59	3.70	3.21	ppb
Cobalt	59-2	1.95	2.04	1.93	1.97	3.04	ppb
Copper	63-2	4.38	4.19	4.22	4.26	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				85		%
Iron	54-2	441.93	459.96	442.44	448.11	2.29	ppb
Iron	56-2	443.03	444.04	436.58	441.22	0.92	ppb
Iron	57-2	449.39	423.81	433.38	435.53	2.97	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BS	Instrumnet Name :	P8
Client Sample ID :	LCS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:02:57	DataFile Name :	189LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.81	1.99	1.92	1.91	4.92	ppb
Lead	207-1	1.69	1.91	1.95	1.85	7.62	ppb
Lead	208-1	1.81	2.04	2.03	1.96	6.65	ppb
Lithium	6-1				92		%
Magnesium	24-2	973.13	982.09	970.83	975.35	0.61	ppb
Manganese	55-2	2.36	2.29	2.38	2.35	2.08	ppb
Molybdenum	94-1	11.39	12.14	11.90	11.81	3.23	ppb
Molybdenum	95-1	9.67	9.94	9.86	9.82	1.40	ppb
Molybdenum	96-1	9.73	10.02	10.12	9.96	2.01	ppb
Molybdenum	97-1	9.81	9.87	10.27	9.98	2.49	ppb
Molybdenum	98-1	9.92	9.87	9.98	9.92	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.18	2.14	2.08	6.39	ppb
Phosphorus	31-2	-7.61	-11.50	0.47	-6.21		ppb
Potassium	39-2	907.87	902.95	908.55	906.46	0.34	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				72		%
Selenium	82-1	10.45	10.00	9.98	10.14	2.61	ppb
Selenium	77-2	11.42	10.37	6.85	9.55	25.07	ppb
Selenium	78-2	6.82	9.18	8.54	8.18	14.95	ppb
Silicon	28-1	8.22	-0.36	-3.92	1.31	476.16	ppb
Silver	107-1	1.73	1.74	1.73	1.73	0.35	ppb
Silver	109-1	1.74	1.87	1.74	1.78	4.14	ppb
Sodium	23-2	963.91	952.25	959.75	958.64	0.62	ppb
Strontium	86-1	1.71	2.31	2.31	2.11	16.50	ppb
Strontium	88-1	1.91	2.15	2.17	2.08	7.05	ppb
Sulfur	34-1	-1212.53	-1803.38	-1945.05	-1653.66		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	1.76	1.59	1.71	1.68	5.24	ppb
Thallium	205-1	1.83	1.67	1.78	1.76	4.54	ppb
Tin	118-1	8.85	9.05	8.92	8.94	1.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BS	Instrumnet Name :	P8
Client Sample ID :	LCS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:02:57	DataFile Name :	189LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.97	9.77	9.87	9.87	1.03	ppb
Uranium	238-1	1.74	1.73	1.77	1.75	1.43	ppb
Vanadium	51-2	9.62	9.41	9.63	9.55	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				79		%
Zinc	66-2	10.81	10.90	10.24	10.65	3.35	ppb
Zirconium	90-1	1.80	1.79	1.84	1.81	1.52	ppb
Zirconium	91-1	2.02	1.88	2.06	1.99	4.65	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01	Instrumnet Name :	P8
Client Sample ID :	MH1FN6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:09:42	DataFile Name :	190AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27915.45	27328.23	27385.88	27543.18	1.18	ppb
Antimony	121-1	4.32	4.43	4.67	4.47	4.03	ppb
Arsenic	75-2	34.76	34.17	34.58	34.50	0.87	ppb
Barium	135-1	734.21	755.31	800.74	763.42	4.45	ppb
Barium	137-1	750.97	774.94	827.42	784.44	4.98	ppb
Beryllium	9-1	3.12	3.31	3.26	3.23	3.04	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	34.76	35.66	38.25	36.22	5.01	ppb
Boron	11-1	34.12	36.03	38.43	36.20	5.97	ppb
Bromine	81-1						cps
Cadmium	111-1	14.80	15.49	15.68	15.32	3.01	ppb
Cadmium	106-1	10.10	11.20	10.36	10.55	5.46	ppb
Cadmium	108-1	15.60	14.25	16.51	15.45	7.36	ppb
Calcium	43-1	72178.67	75351.18	75768.24	74432.70	2.64	ppb
Calcium	44-1	71385.63	72193.72	75519.03	73032.79	3.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.23	124.39	124.59	125.74	1.72	ppb
Cobalt	59-2	31.49	31.22	30.82	31.18	1.08	ppb
Copper	63-2	395.18	392.38	381.90	389.82	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				87		%
Iron	54-2	96264.66	96871.74	95667.41	96267.94	0.63	ppb
Iron	56-2	97081.57	95510.56	94167.91	95586.68	1.53	ppb
Iron	57-2	99599.54	96478.10	97559.32	97878.99	1.62	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01	Instrumnet Name :	P8
Client Sample ID :	MH1FN6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:09:42	DataFile Name :	190AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1333.19	1348.99	1390.67	1357.62	2.19	ppb
Lead	207-1	1270.91	1288.81	1339.16	1299.63	2.72	ppb
Lead	208-1	1299.60	1313.95	1345.39	1319.65	1.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	15899.18	15517.97	15372.21	15596.45	1.74	ppb
Manganese	55-2	3130.26	3118.96	3115.98	3121.73	0.24	ppb
Molybdenum	94-1	9.45	9.91	10.53	9.96	5.43	ppb
Molybdenum	95-1	5.56	5.94	5.90	5.80	3.53	ppb
Molybdenum	96-1	6.78	6.97	7.20	6.99	3.00	ppb
Molybdenum	97-1	5.96	5.83	6.16	5.99	2.74	ppb
Molybdenum	98-1	5.65	5.83	6.20	5.89	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.56	109.68	109.29	109.85	0.59	ppb
Phosphorus	31-2	6461.30	6497.00	6776.97	6578.42	2.63	ppb
Potassium	39-2	5680.81	5568.92	5619.72	5623.15	1.00	ppb
Rhodium	103-1				96		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				76		%
Selenium	82-1	4.30	4.43	4.74	4.49	5.02	ppb
Selenium	77-2	43.84	59.80	51.26	51.63	15.47	ppb
Selenium	78-2	10.84	10.19	11.10	10.71	4.39	ppb
Silicon	28-1	1627.24	1752.53	1715.06	1698.28	3.79	ppb
Silver	107-1	5.65	5.68	6.09	5.81	4.23	ppb
Silver	109-1	5.58	5.94	6.22	5.91	5.44	ppb
Sodium	23-2	644.91	618.71	631.04	631.55	2.08	ppb
Strontium	86-1	366.01	374.14	376.74	372.30	1.50	ppb
Strontium	88-1	368.32	367.94	379.79	372.01	1.81	ppb
Sulfur	34-1	-597.19	128.03	-172.10	-213.75		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.85	0.80	0.75	0.80	5.92	ppb
Thallium	205-1	0.78	0.78	0.88	0.81	6.96	ppb
Tin	118-1	29.88	31.18	32.19	31.08	3.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01	Instrumnet Name :	P8
Client Sample ID :	MH1FN6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:09:42	DataFile Name :	190AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	353.20	374.75	372.28	366.74	3.22	ppb
Uranium	238-1	5.97	5.95	6.19	6.03	2.21	ppb
Vanadium	51-2	120.73	119.74	117.61	119.36	1.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				89		%
Zinc	66-2	5824.88	5691.06	5867.49	5794.48	1.59	ppb
Zirconium	90-1	2.55	2.50	2.74	2.60	4.77	ppb
Zirconium	91-1	2.36	2.44	2.75	2.51	8.25	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4907-02 Instrumnet Name : P8
 Client Sample ID : MH1FN6D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 21:12:36 DataFile Name : 191AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31779.48	31579.44	34147.47	32502.13	4.39	ppb
Antimony	121-1	4.64	4.60	4.67	4.64	0.68	ppb
Arsenic	75-2	37.83	38.40	41.36	39.20	4.83	ppb
Barium	135-1	836.78	858.50	873.91	856.40	2.18	ppb
Barium	137-1	885.22	878.21	922.66	895.36	2.67	ppb
Beryllium	9-1	3.51	3.52	3.59	3.54	1.21	ppb
Bismuth	209-1				115		%
Bismuth	209-2				99		%
Boron	10-1	39.50	41.68	43.90	41.69	5.27	ppb
Boron	11-1	39.60	41.95	43.02	41.52	4.22	ppb
Bromine	81-1						cps
Cadmium	111-1	17.21	17.21	18.23	17.55	3.34	ppb
Cadmium	106-1	12.84	12.66	14.80	13.44	8.81	ppb
Cadmium	108-1	17.51	18.15	18.00	17.88	1.85	ppb
Calcium	43-1	80514.34	82941.82	82868.92	82108.36	1.68	ppb
Calcium	44-1	81971.14	81321.75	83232.47	82175.12	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	142.52	140.91	152.44	145.29	4.30	ppb
Cobalt	59-2	35.38	35.17	37.42	35.99	3.46	ppb
Copper	63-2	443.85	441.64	477.66	454.38	4.44	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				113		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				86		%
Iron	54-2	104841.65	108943.50	115765.50	109850.22	5.02	ppb
Iron	56-2	108149.47	107753.01	115885.78	110596.09	4.15	ppb
Iron	57-2	105652.78	108481.83	117786.89	110640.50	5.74	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-02	Instrumnet Name :	P8
Client Sample ID :	MH1FN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:12:36	DataFile Name :	191AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1503.62	1554.80	1519.26	1525.90	1.72	ppb
Lead	207-1	1436.81	1483.20	1502.22	1474.08	2.28	ppb
Lead	208-1	1467.82	1510.13	1503.05	1493.67	1.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	17515.39	17801.95	18514.58	17943.97	2.87	ppb
Manganese	55-2	3491.00	3508.51	3748.33	3582.61	4.01	ppb
Molybdenum	94-1	10.94	10.80	10.67	10.80	1.25	ppb
Molybdenum	95-1	6.20	6.10	6.12	6.14	0.87	ppb
Molybdenum	96-1	7.53	7.22	7.32	7.35	2.12	ppb
Molybdenum	97-1	6.40	6.11	6.36	6.29	2.53	ppb
Molybdenum	98-1	5.92	6.21	6.00	6.04	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.66	118.49	129.32	122.16	5.08	ppb
Phosphorus	31-2	7463.62	7259.30	7923.01	7548.64	4.50	ppb
Potassium	39-2	6304.95	6186.61	6650.22	6380.59	3.78	ppb
Rhodium	103-1				98		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				75		%
Selenium	82-1	4.52	4.27	4.87	4.55	6.59	ppb
Selenium	77-2	60.08	39.99	57.76	52.61	20.89	ppb
Selenium	78-2	8.43	10.11	10.21	9.58	10.44	ppb
Silicon	28-1	1985.78	1983.18	1905.89	1958.28	2.32	ppb
Silver	107-1	6.69	6.79	6.87	6.78	1.39	ppb
Silver	109-1	6.64	6.96	6.94	6.85	2.58	ppb
Sodium	23-2	698.84	695.30	747.82	713.99	4.11	ppb
Strontium	86-1	417.12	413.50	410.61	413.75	0.79	ppb
Strontium	88-1	417.77	417.98	422.65	419.47	0.66	ppb
Sulfur	34-1	-359.76	-302.26	-123.58	-261.87		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.90	0.79	0.92	0.87	7.75	ppb
Thallium	205-1	0.84	0.91	0.87	0.87	3.92	ppb
Tin	118-1	33.36	34.14	34.89	34.13	2.25	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-02	Instrumnet Name :	P8
Client Sample ID :	MH1FN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:12:36	DataFile Name :	191AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	390.27	393.77	393.47	392.50	0.49	ppb
Uranium	238-1	6.90	7.06	6.91	6.96	1.30	ppb
Vanadium	51-2	133.27	133.00	142.36	136.21	3.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				90		%
Zinc	66-2	6832.16	6796.74	7127.77	6918.89	2.63	ppb
Zirconium	90-1	2.74	2.89	2.90	2.85	3.20	ppb
Zirconium	91-1	2.98	2.94	2.79	2.91	3.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 21:15:32	DataFile Name :	192AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5483.00	5405.86	5380.85	5423.24	0.98	ppb
Antimony	121-1	0.92	0.84	0.92	0.89	5.28	ppb
Arsenic	75-2	7.64	6.93	7.50	7.36	5.08	ppb
Barium	135-1	158.83	152.42	150.64	153.96	2.80	ppb
Barium	137-1	156.42	152.94	149.86	153.07	2.14	ppb
Beryllium	9-1	0.69	0.64	0.60	0.64	6.72	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	15.53	15.32	15.48	15.44	0.70	ppb
Boron	11-1	15.28	15.64	15.09	15.33	1.80	ppb
Bromine	81-1						cps
Cadmium	111-1	3.36	3.17	3.22	3.25	3.02	ppb
Cadmium	106-1	-0.84	-0.31	-1.89	-1.01		ppb
Cadmium	108-1	3.13	3.10	2.03	2.75	22.73	ppb
Calcium	43-1	14804.51	14348.34	14191.26	14448.04	2.20	ppb
Calcium	44-1	14647.47	14261.83	14054.99	14321.43	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.64	24.61	25.18	25.14	2.06	ppb
Cobalt	59-2	6.27	6.26	6.15	6.23	1.14	ppb
Copper	63-2	78.80	77.97	77.34	78.04	0.94	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				97		%
Indium	115-1				97		%
Indium	115-2				86		%
Iron	54-2	18734.59	18509.66	18628.42	18624.22	0.60	ppb
Iron	56-2	19453.34	19166.75	19248.24	19289.45	0.77	ppb
Iron	57-2	18728.34	18395.04	18599.53	18574.30	0.90	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4907-01LX5 Instrumnet Name : P8
 Client Sample ID : MH1FN6L Dilution Factor : 5
 Date & Time Acquired :: 2021-12-03 21:15:32 DataFile Name : 192AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	260.70	250.46	258.65	256.60	2.11	ppb
Lead	207-1	259.72	245.29	250.05	251.69	2.92	ppb
Lead	208-1	267.13	257.13	263.17	262.48	1.92	ppb
Lithium	6-1				89		%
Magnesium	24-2	3006.03	3005.42	3015.29	3008.91	0.18	ppb
Manganese	55-2	608.81	601.33	603.68	604.61	0.63	ppb
Molybdenum	94-1	2.07	2.10	2.22	2.13	3.73	ppb
Molybdenum	95-1	1.38	1.18	1.26	1.27	7.97	ppb
Molybdenum	96-1	1.53	1.50	1.49	1.51	1.60	ppb
Molybdenum	97-1	1.33	1.20	1.35	1.29	6.26	ppb
Molybdenum	98-1	1.26	1.21	1.29	1.26	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.96	21.49	22.97	22.14	3.41	ppb
Phosphorus	31-2	1411.64	1162.76	1178.07	1250.82	11.15	ppb
Potassium	39-2	1118.71	1085.09	1123.11	1108.97	1.88	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				73		%
Selenium	82-1	1.08	1.12	0.68	0.96	25.37	ppb
Selenium	77-2	6.63	13.04	6.63	8.77	42.25	ppb
Selenium	78-2	1.31	1.20	2.69	1.73	47.86	ppb
Silicon	28-1	326.34	309.73	308.21	314.76	3.19	ppb
Silver	107-1	1.18	1.15	1.08	1.14	4.24	ppb
Silver	109-1	1.21	1.19	1.12	1.18	4.12	ppb
Sodium	23-2	120.86	123.29	125.61	123.25	1.92	ppb
Strontium	86-1	79.25	78.29	81.55	79.70	2.10	ppb
Strontium	88-1	80.73	78.27	80.01	79.67	1.59	ppb
Sulfur	34-1	-1037.02	-1894.34	-2054.20	-1661.86		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.14	0.09	0.11	0.12	22.94	ppb
Thallium	205-1	0.12	0.13	0.11	0.12	7.36	ppb
Tin	118-1	6.07	6.00	5.90	5.99	1.46	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 21:15:32	DataFile Name :	192AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	74.02	73.79	71.22	73.01	2.13	ppb
Uranium	238-1	1.19	1.20	1.20	1.20	0.21	ppb
Vanadium	51-2	24.03	23.71	23.53	23.76	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				83		%
Zinc	66-2	1182.87	1173.54	1164.05	1173.49	0.80	ppb
Zirconium	90-1	0.56	0.55	0.51	0.54	4.95	ppb
Zirconium	91-1	0.57	0.59	0.56	0.58	2.93	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-03	Instrumnet Name :	P8
Client Sample ID :	MH1FN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:18:32	DataFile Name :	193AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42135.54	39600.93	39047.80	40261.42	4.09	ppb
Antimony	121-1	13.11	12.73	13.52	13.12	3.04	ppb
Arsenic	75-2	54.69	52.82	51.81	53.11	2.75	ppb
Barium	135-1	1483.42	1438.80	1504.65	1475.62	2.28	ppb
Barium	137-1	1475.24	1464.84	1493.01	1477.70	0.96	ppb
Beryllium	9-1	14.83	15.35	14.78	14.99	2.14	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	10-1	42.54	45.99	47.24	45.26	5.39	ppb
Boron	11-1	44.29	47.64	48.41	46.78	4.69	ppb
Bromine	81-1						cps
Cadmium	111-1	30.79	31.63	31.94	31.45	1.90	ppb
Cadmium	106-1	24.21	25.26	26.58	25.35	4.68	ppb
Cadmium	108-1	29.66	29.11	29.67	29.48	1.09	ppb
Calcium	43-1	98730.91	102505.98	100758.18	100665.02	1.88	ppb
Calcium	44-1	99163.20	101371.58	99856.91	100130.56	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227.82	213.27	214.77	218.62	3.66	ppb
Cobalt	59-2	160.36	149.86	150.25	153.49	3.88	ppb
Copper	63-2	612.34	568.38	578.15	586.29	3.94	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				111		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				86		%
Iron	54-2	135496.91	124045.97	125488.98	128343.95	4.86	ppb
Iron	56-2	138774.93	125828.28	125232.15	129945.12	5.89	ppb
Iron	57-2	133418.48	126391.61	124031.76	127947.28	3.82	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-03	Instrumnet Name :	P8
Client Sample ID :	MH1FN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:18:32	DataFile Name :	193AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1868.22	1896.64	1921.17	1895.34	1.40	ppb
Lead	207-1	1830.18	1834.80	1839.95	1834.98	0.27	ppb
Lead	208-1	1862.14	1876.95	1858.65	1865.91	0.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	22927.70	21186.28	21301.32	21805.10	4.47	ppb
Manganese	55-2	4868.92	4449.91	4369.02	4562.62	5.88	ppb
Molybdenum	94-1	12.97	12.98	12.98	12.97	0.06	ppb
Molybdenum	95-1	7.06	7.15	7.92	7.37	6.41	ppb
Molybdenum	96-1	8.71	8.66	9.00	8.79	2.08	ppb
Molybdenum	97-1	7.36	7.42	7.16	7.32	1.86	ppb
Molybdenum	98-1	7.48	7.42	7.51	7.47	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	283.29	262.88	260.50	268.89	4.66	ppb
Phosphorus	31-2	9321.82	8953.06	8908.63	9061.17	2.50	ppb
Potassium	39-2	8260.11	7633.93	7574.53	7822.86	4.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				76		%
Selenium	82-1	17.29	17.35	17.34	17.33	0.17	ppb
Selenium	77-2	81.02	81.05	63.85	75.31	13.18	ppb
Selenium	78-2	27.92	24.43	27.25	26.53	6.97	ppb
Silicon	28-1	2245.03	2213.76	2166.64	2208.48	1.79	ppb
Silver	107-1	20.00	19.91	20.48	20.13	1.53	ppb
Silver	109-1	20.37	20.28	20.84	20.50	1.47	ppb
Sodium	23-2	926.44	863.01	863.22	884.22	4.14	ppb
Strontium	86-1	491.00	491.03	505.62	495.88	1.70	ppb
Strontium	88-1	496.77	494.67	505.87	499.10	1.19	ppb
Sulfur	34-1	193.20	446.77	365.20	335.05	38.63	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	9.75	9.34	9.71	9.60	2.36	ppb
Thallium	205-1	9.42	9.50	9.45	9.46	0.40	ppb
Tin	118-1	40.61	39.47	41.45	40.51	2.46	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-03	Instrumnet Name :	P8
Client Sample ID :	MH1FN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:18:32	DataFile Name :	193AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	442.39	453.71	452.72	449.61	1.39	ppb
Uranium	238-1	8.05	7.96	8.40	8.14	2.86	ppb
Vanadium	51-2	281.29	263.06	261.05	268.47	4.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				93		%
Zinc	66-2	8768.33	8441.72	8323.43	8511.16	2.71	ppb
Zirconium	90-1	3.39	3.48	3.62	3.50	3.36	ppb
Zirconium	91-1	3.69	4.07	3.55	3.77	7.16	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-04	Instrumnet Name :	P8
Client Sample ID :	MH1G88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:24:48	DataFile Name :	195AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31513.20	29144.39	28587.09	29748.23	5.22	ppb
Antimony	121-1	2.35	2.42	2.50	2.42	3.01	ppb
Arsenic	75-2	28.11	26.06	25.80	26.66	4.74	ppb
Barium	135-1	361.18	368.54	354.88	361.53	1.89	ppb
Barium	137-1	380.29	370.76	371.39	374.15	1.43	ppb
Beryllium	9-1	2.29	2.29	2.31	2.30	0.48	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	1103.87	1219.92	1269.59	1197.79	7.10	ppb
Boron	11-1	1114.65	1203.88	1264.48	1194.34	6.31	ppb
Bromine	81-1						cps
Cadmium	111-1	4.17	4.17	4.10	4.14	1.02	ppb
Cadmium	106-1	2.27	1.85	-0.14	1.33	97.20	ppb
Cadmium	108-1	4.59	4.38	4.46	4.48	2.36	ppb
Calcium	43-1	279889.40	280196.19	289168.34	283084.64	1.86	ppb
Calcium	44-1	287330.14	288339.99	294466.44	290045.53	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.72	48.51	48.54	49.93	4.86	ppb
Cobalt	59-2	28.87	27.03	26.70	27.53	4.25	ppb
Copper	63-2	148.31	138.37	135.73	140.80	4.71	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				110		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				83		%
Iron	54-2	69026.58	64116.46	61883.91	65008.98	5.62	ppb
Iron	56-2	69846.95	65147.36	63607.94	66200.75	4.91	ppb
Iron	57-2	70470.12	66336.24	64192.67	66999.68	4.76	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-04	Instrumnet Name :	P8
Client Sample ID :	MH1G88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:24:48	DataFile Name :	195AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	274.93	284.13	278.54	279.20	1.66	ppb
Lead	207-1	272.74	277.76	271.41	273.97	1.22	ppb
Lead	208-1	284.15	290.69	282.02	285.62	1.58	ppb
Lithium	6-1				93		%
Magnesium	24-2	31110.36	29385.78	28744.66	29746.94	4.11	ppb
Manganese	55-2	1438.21	1331.73	1312.01	1360.65	4.99	ppb
Molybdenum	94-1	11.23	11.80	11.66	11.56	2.56	ppb
Molybdenum	95-1	8.65	8.89	9.23	8.92	3.29	ppb
Molybdenum	96-1	9.82	9.75	9.92	9.83	0.90	ppb
Molybdenum	97-1	9.10	8.90	9.26	9.09	2.00	ppb
Molybdenum	98-1	9.00	8.91	9.09	9.00	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.69	66.65	65.04	67.79	5.12	ppb
Phosphorus	31-2	3770.49	3533.68	3528.80	3610.99	3.83	ppb
Potassium	39-2	8908.53	8394.41	8116.32	8473.09	4.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				74		%
Selenium	82-1	22.07	22.79	22.65	22.50	1.68	ppb
Selenium	77-2	61.19	73.28	82.96	72.48	15.05	ppb
Selenium	78-2	32.67	31.83	31.09	31.87	2.49	ppb
Silicon	28-1	1564.52	1662.79	1628.56	1618.63	3.08	ppb
Silver	107-1	1.16	1.07	1.12	1.12	4.38	ppb
Silver	109-1	1.16	1.04	1.17	1.13	6.41	ppb
Sodium	23-2	33311.98	31386.80	29995.82	31564.86	5.28	ppb
Strontium	86-1	1207.37	1185.55	1179.02	1190.65	1.25	ppb
Strontium	88-1	1167.24	1150.32	1187.15	1168.23	1.58	ppb
Sulfur	34-1	40814.74	42764.55	42170.79	41916.70	2.38	ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	0.88	0.90	0.80	0.86	6.09	ppb
Thallium	205-1	0.79	0.87	0.85	0.83	5.21	ppb
Tin	118-1	124.75	119.20	122.48	122.14	2.28	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-04	Instrumnet Name :	P8
Client Sample ID :	MH1G88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:24:48	DataFile Name :	195AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	345.57	348.26	357.10	350.31	1.72	ppb
Uranium	238-1	7.92	8.55	8.22	8.23	3.83	ppb
Vanadium	51-2	158.15	149.37	146.49	151.33	4.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				87		%
Zinc	66-2	1349.95	1266.96	1233.33	1283.41	4.68	ppb
Zirconium	90-1	2.11	2.02	2.09	2.07	2.15	ppb
Zirconium	91-1	1.97	2.05	2.12	2.05	3.59	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P8
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:38:26	DataFile Name :	197CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49902.07	49235.08	50358.35	49831.83	1.13	ppb
Antimony	121-1	474.86	480.20	462.82	472.62	1.88	ppb
Arsenic	75-2	489.55	481.47	481.15	484.06	0.98	ppb
Barium	135-1	2454.12	2417.09	2343.09	2404.77	2.35	ppb
Barium	137-1	2443.36	2447.16	2337.06	2409.19	2.59	ppb
Beryllium	9-1	494.57	481.23	480.93	485.58	1.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	531.52	533.62	542.73	535.95	1.11	ppb
Boron	11-1	520.05	535.37	543.36	532.93	2.22	ppb
Bromine	81-1						cps
Cadmium	111-1	468.28	485.07	451.84	468.39	3.55	ppb
Cadmium	106-1	457.46	450.93	437.49	448.63	2.27	ppb
Cadmium	108-1	463.89	463.64	430.81	452.78	4.20	ppb
Calcium	43-1	258376.67	260960.73	255585.88	258307.76	1.04	ppb
Calcium	44-1	256014.21	258914.83	254657.99	256529.01	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.26	489.26	493.91	492.14	0.51	ppb
Cobalt	59-2	540.57	533.24	543.39	539.07	0.97	ppb
Copper	63-2	5262.73	5300.94	5217.86	5260.51	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				108		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				81		%
Iron	54-2	135038.87	132553.84	132046.82	133213.18	1.20	ppb
Iron	56-2	129430.21	133404.18	131807.12	131547.17	1.52	ppb
Iron	57-2	135964.24	131387.78	133429.15	133593.73	1.72	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P8
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:38:26	DataFile Name :	197CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2465.94	2575.82	2460.01	2500.59	2.61	ppb
Lead	207-1	2500.85	2530.88	2494.68	2508.80	0.77	ppb
Lead	208-1	2478.81	2509.04	2492.95	2493.60	0.61	ppb
Lithium	6-1				94		%
Magnesium	24-2	256520.65	251394.35	251412.80	253109.27	1.17	ppb
Manganese	55-2	5174.00	5184.50	5106.21	5154.90	0.82	ppb
Molybdenum	94-1	5040.33	5022.13	5060.18	5040.88	0.38	ppb
Molybdenum	95-1	4928.10	4988.88	5048.15	4988.38	1.20	ppb
Molybdenum	96-1	4914.80	4990.59	5111.85	5005.75	1.99	ppb
Molybdenum	97-1	5024.01	5132.75	5076.95	5077.90	1.07	ppb
Molybdenum	98-1	5076.47	5153.57	5107.46	5112.50	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.83	526.06	525.05	524.98	0.21	ppb
Phosphorus	31-2	9753.70	9371.11	9401.83	9508.88	2.24	ppb
Potassium	39-2	120855.85	119611.67	122958.14	121141.88	1.40	ppb
Rhodium	103-1				90		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				71		%
Selenium	82-1	479.41	477.96	487.02	481.46	1.01	ppb
Selenium	77-2	455.29	436.13	459.40	450.27	2.76	ppb
Selenium	78-2	489.60	485.67	477.16	484.14	1.31	ppb
Silicon	28-1	607.29	642.46	662.14	637.30	4.36	ppb
Silver	107-1	458.57	462.13	443.32	454.67	2.20	ppb
Silver	109-1	475.22	477.81	452.34	468.46	2.99	ppb
Sodium	23-2	255775.90	252875.46	256660.18	255103.85	0.78	ppb
Strontium	86-1	4770.10	4667.90	4718.47	4718.82	1.08	ppb
Strontium	88-1	4710.82	4674.27	4734.69	4706.59	0.65	ppb
Sulfur	34-1	10372.81	10068.00	9405.12	9948.64	4.97	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	508.23	530.63	510.32	516.39	2.40	ppb
Thallium	205-1	511.16	523.07	512.01	515.41	1.29	ppb
Tin	118-1	465.47	479.17	455.35	466.66	2.56	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P8
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:38:26	DataFile Name :	197CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5004.81	4996.72	5012.71	5004.75	0.16	ppb
Uranium	238-1	514.38	521.01	516.51	517.30	0.65	ppb
Vanadium	51-2	504.82	492.64	496.33	497.93	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				79		%
Zinc	66-2	4989.45	5015.17	4961.96	4988.86	0.53	ppb
Zirconium	90-1	482.61	493.04	486.35	487.33	1.08	ppb
Zirconium	91-1	473.70	484.49	484.13	480.77	1.28	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P8
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:45:00	DataFile Name :	198CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.45	1.02	1.24	1.24	17.46	ppb
Antimony	121-1	0.08	0.09	0.14	0.10	31.21	ppb
Arsenic	75-2	-0.02	0.02	-0.01	0.00		ppb
Barium	135-1	0.05	0.05	0.10	0.07	41.11	ppb
Barium	137-1	0.05	0.07	0.11	0.08	40.74	ppb
Beryllium	9-1	0.09	0.03	0.06	0.06	47.46	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	28.87	29.17	23.60	27.21	11.51	ppb
Boron	11-1	26.75	27.06	25.07	26.29	4.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	-0.06	-0.04		ppb
Cadmium	106-1	-7.59	-4.87	-7.88	-6.78		ppb
Cadmium	108-1	-0.05	-0.08	-0.04	-0.06		ppb
Calcium	43-1	6.17	7.42	9.70	7.76	23.01	ppb
Calcium	44-1	-7.93	-5.40	-3.37	-5.56		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	243.63	ppb
Copper	63-2	0.18	0.12	0.10	0.14	30.20	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				96		%
Indium	115-1				95		%
Indium	115-2				84		%
Iron	54-2	2.82	2.36	1.72	2.30	24.10	ppb
Iron	56-2	3.47	2.66	2.78	2.97	14.73	ppb
Iron	57-2	3.35	2.55	0.88	2.26	55.84	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P8
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:45:00	DataFile Name :	198CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.12	0.09	31.72	ppb
Lead	207-1	0.05	0.10	0.08	0.08	32.28	ppb
Lead	208-1	0.08	0.09	0.10	0.09	13.91	ppb
Lithium	6-1				91		%
Magnesium	24-2	5.54	5.00	4.88	5.14	6.79	ppb
Manganese	55-2	0.12	0.10	0.12	0.12	8.40	ppb
Molybdenum	94-1	0.25	0.25	0.20	0.23	11.87	ppb
Molybdenum	95-1	0.26	0.19	0.32	0.26	24.39	ppb
Molybdenum	96-1	0.26	0.26	0.26	0.26	1.24	ppb
Molybdenum	97-1	0.19	0.19	0.29	0.22	26.35	ppb
Molybdenum	98-1	0.27	0.24	0.23	0.25	7.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.06	-0.03		ppb
Phosphorus	31-2	-27.78	-44.73	-45.00	-39.17		ppb
Potassium	39-2	4.17	1.69	-3.82	0.68	599.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				72		%
Selenium	82-1	0.85	0.82	0.57	0.75	20.25	ppb
Selenium	77-2	1.15	0.00	0.00	0.38	173.21	ppb
Selenium	78-2	-1.67	-0.41	-0.54	-0.87		ppb
Silicon	28-1	-18.63	-14.24	-17.31	-16.73		ppb
Silver	107-1	0.02	0.01	0.01	0.01	48.32	ppb
Silver	109-1	0.01	0.02	0.02	0.02	42.14	ppb
Sodium	23-2	11.42	10.90	5.87	9.40	32.64	ppb
Strontium	86-1	0.20	0.19	0.22	0.20	6.26	ppb
Strontium	88-1	0.14	0.12	0.17	0.14	17.12	ppb
Sulfur	34-1	-1623.92	-1180.68	-1480.39	-1428.33		ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.00	0.00	26.71	ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.10	-0.12	-0.09	-0.11		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P8
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:45:00	DataFile Name :	198CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.04	0.05	0.04	16.24	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	34.44	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	126.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				79		%
Zinc	66-2	0.28	0.36	0.19	0.28	29.25	ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	62.65	ppb
Zirconium	91-1	-0.01	0.01	0.02	0.01	296.17	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:34:18	DataFile Name :	199AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16687.91	17157.50	16781.31	16875.57	1.47	ppb
Antimony	121-1	7.60	7.12	7.28	7.33	3.35	ppb
Arsenic	75-2	37.16	37.04	36.72	36.98	0.62	ppb
Barium	135-1	513.24	504.97	518.06	512.09	1.29	ppb
Barium	137-1	531.27	521.42	527.92	526.87	0.95	ppb
Beryllium	9-1	2.31	2.17	2.31	2.26	3.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	23.03	24.34	25.85	24.41	5.77	ppb
Boron	11-1	23.03	23.51	25.49	24.01	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	12.38	12.05	12.41	12.28	1.60	ppb
Cadmium	106-1	4.49	2.81	5.79	4.37	34.22	ppb
Cadmium	108-1	11.60	11.01	11.45	11.35	2.71	ppb
Calcium	43-1	135806.38	137578.36	142359.07	138581.27	2.45	ppb
Calcium	44-1	140892.99	137753.24	141435.54	140027.26	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.15	45.38	45.23	45.25	0.26	ppb
Cobalt	59-2	22.40	23.17	22.55	22.70	1.79	ppb
Copper	63-2	274.63	282.57	276.12	277.77	1.52	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				100		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	54-2	63024.32	62560.82	62672.20	62752.45	0.39	ppb
Iron	56-2	61895.32	63267.60	62281.50	62481.47	1.13	ppb
Iron	57-2	62483.17	64773.86	62040.88	63099.30	2.32	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:34:18	DataFile Name :	199AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1102.09	1067.55	1043.47	1071.04	2.75	ppb
Lead	207-1	1060.64	1031.90	1069.55	1054.03	1.87	ppb
Lead	208-1	1072.96	1058.35	1067.53	1066.28	0.69	ppb
Lithium	6-1				89		%
Magnesium	24-2	56269.37	57198.95	56772.48	56746.93	0.82	ppb
Manganese	55-2	2883.54	2889.73	2855.86	2876.37	0.63	ppb
Molybdenum	94-1	5.97	5.80	6.11	5.96	2.60	ppb
Molybdenum	95-1	3.40	3.22	3.51	3.37	4.37	ppb
Molybdenum	96-1	4.03	4.16	3.99	4.06	2.22	ppb
Molybdenum	97-1	3.18	3.41	3.47	3.36	4.55	ppb
Molybdenum	98-1	3.32	3.29	3.46	3.36	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.34	73.16	69.81	71.43	2.35	ppb
Phosphorus	31-2	3369.78	3483.55	2997.35	3283.56	7.74	ppb
Potassium	39-2	5716.37	5941.29	5890.59	5849.42	2.02	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				77		%
Selenium	82-1	10.72	10.01	10.23	10.32	3.56	ppb
Selenium	77-2	43.07	55.54	44.04	47.55	14.59	ppb
Selenium	78-2	13.56	17.09	15.39	15.35	11.50	ppb
Silicon	28-1	1261.16	1256.40	1334.44	1284.00	3.41	ppb
Silver	107-1	3.73	3.62	3.73	3.69	1.76	ppb
Silver	109-1	3.88	3.71	3.83	3.81	2.31	ppb
Sodium	23-2	331.65	334.58	333.58	333.27	0.45	ppb
Strontium	86-1	220.53	216.24	224.74	220.50	1.93	ppb
Strontium	88-1	226.51	221.38	226.33	224.74	1.29	ppb
Sulfur	34-1	-803.46	-691.51	-374.46	-623.14		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.82	0.80	0.74	0.79	5.60	ppb
Thallium	205-1	0.80	0.77	0.81	0.79	2.58	ppb
Tin	118-1	16.62	15.73	16.09	16.14	2.78	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:34:18	DataFile Name :	199AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	207.24	210.10	216.09	211.14	2.14	ppb
Uranium	238-1	2.58	2.65	2.70	2.65	2.32	ppb
Vanadium	51-2	81.83	84.87	82.33	83.01	1.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				88		%
Zinc	66-2	2267.91	2286.88	2249.28	2268.02	0.83	ppb
Zirconium	90-1	1.68	1.78	1.70	1.72	2.92	ppb
Zirconium	91-1	1.80	1.79	1.52	1.70	9.35	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18A	Instrumnet Name :	P8
Client Sample ID :	MH1F43A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:37:12	DataFile Name :	200AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25716.55	25902.59	25533.64	25717.59	0.72	ppb
Antimony	121-1	6.46	6.56	6.72	6.58	1.97	ppb
Arsenic	75-2	38.74	38.46	38.62	38.60	0.37	ppb
Barium	135-1	750.16	771.60	803.67	775.14	3.47	ppb
Barium	137-1	780.77	794.36	822.35	799.16	2.65	ppb
Beryllium	9-1	3.02	3.18	2.79	3.00	6.46	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	22.34	24.99	23.27	23.53	5.71	ppb
Boron	11-1	21.72	24.38	22.42	22.84	6.04	ppb
Bromine	81-1						cps
Cadmium	111-1	14.16	15.41	15.67	15.08	5.37	ppb
Cadmium	106-1	10.16	12.90	10.91	11.32	12.50	ppb
Cadmium	108-1	14.96	14.80	14.12	14.63	3.06	ppb
Calcium	43-1	111164.59	115867.69	106870.59	111300.96	4.04	ppb
Calcium	44-1	110007.28	113968.56	109992.28	111322.70	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.27	55.85	54.64	55.25	1.10	ppb
Cobalt	59-2	30.81	30.54	30.04	30.46	1.28	ppb
Copper	63-2	365.32	364.59	360.13	363.35	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				87		%
Iron	54-2	89104.38	90975.30	89850.72	89976.80	1.05	ppb
Iron	56-2	89274.11	88972.20	88604.98	88950.43	0.38	ppb
Iron	57-2	91246.90	91354.48	87652.87	90084.75	2.34	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18A	Instrumnet Name :	P8
Client Sample ID :	MH1F43A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:37:12	DataFile Name :	200AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1154.46	1139.50	1210.36	1168.11	3.20	ppb
Lead	207-1	1127.51	1125.96	1142.96	1132.15	0.83	ppb
Lead	208-1	1144.11	1144.42	1160.81	1149.78	0.83	ppb
Lithium	6-1				94		%
Magnesium	24-2	14520.96	14263.13	13987.71	14257.27	1.87	ppb
Manganese	55-2	3209.84	3151.59	3141.69	3167.71	1.16	ppb
Molybdenum	94-1	8.51	8.26	8.64	8.47	2.31	ppb
Molybdenum	95-1	4.77	4.87	5.09	4.91	3.28	ppb
Molybdenum	96-1	5.65	5.99	5.90	5.84	3.04	ppb
Molybdenum	97-1	5.07	5.31	4.75	5.05	5.49	ppb
Molybdenum	98-1	4.69	5.02	4.84	4.85	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.00	89.93	90.65	90.19	0.44	ppb
Phosphorus	31-2	4102.38	4214.94	4256.89	4191.40	1.91	ppb
Potassium	39-2	6453.29	6452.17	6370.88	6425.44	0.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				77		%
Selenium	82-1	13.08	13.52	14.41	13.67	4.96	ppb
Selenium	77-2	44.87	62.06	69.10	58.67	21.25	ppb
Selenium	78-2	18.52	20.54	21.83	20.30	8.20	ppb
Silicon	28-1	2330.60	2336.16	2314.35	2327.04	0.49	ppb
Silver	107-1	8.97	9.73	9.48	9.39	4.14	ppb
Silver	109-1	9.13	9.58	9.71	9.47	3.23	ppb
Sodium	23-2	479.97	483.37	474.93	479.42	0.89	ppb
Strontium	86-1	373.81	390.89	384.91	383.21	2.26	ppb
Strontium	88-1	376.30	398.94	387.25	387.50	2.92	ppb
Sulfur	34-1	165.15	248.04	-383.97	9.74	3526.65	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.93	0.99	1.04	0.99	5.53	ppb
Thallium	205-1	0.96	1.00	0.98	0.98	2.09	ppb
Tin	118-1	20.55	21.65	22.47	21.56	4.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18A	Instrumnet Name :	P8
Client Sample ID :	MH1F43A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:37:12	DataFile Name :	200AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	269.58	273.46	264.49	269.18	1.67	ppb
Uranium	238-1	5.39	5.68	5.59	5.56	2.67	ppb
Vanadium	51-2	118.39	119.56	117.06	118.34	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				90		%
Zinc	66-2	3092.84	3098.72	3104.24	3098.60	0.18	ppb
Zirconium	90-1	2.31	2.28	2.41	2.33	2.91	ppb
Zirconium	91-1	2.38	2.45	2.42	2.42	1.33	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01A	Instrumnet Name :	P8
Client Sample ID :	MH1F44A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:40:08	DataFile Name :	201AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21493.59	21094.15	21265.83	21284.53	0.94	ppb
Antimony	121-1	7.49	7.45	6.75	7.23	5.75	ppb
Arsenic	75-2	35.37	35.25	34.38	35.00	1.54	ppb
Barium	135-1	696.62	717.16	652.63	688.81	4.79	ppb
Barium	137-1	747.86	762.45	684.02	731.45	5.70	ppb
Beryllium	9-1	2.79	2.86	2.66	2.77	3.70	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	10-1	27.86	29.89	28.62	28.79	3.55	ppb
Boron	11-1	26.99	28.76	29.88	28.54	5.11	ppb
Bromine	81-1						cps
Cadmium	111-1	13.67	13.98	12.22	13.29	7.06	ppb
Cadmium	106-1	11.85	9.22	6.80	9.29	27.21	ppb
Cadmium	108-1	12.00	12.17	11.80	11.99	1.54	ppb
Calcium	43-1	111934.47	111014.26	96526.50	106491.74	8.12	ppb
Calcium	44-1	109961.17	110361.68	100661.50	106994.79	5.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.41	43.98	43.62	44.00	0.90	ppb
Cobalt	59-2	25.60	24.73	25.03	25.12	1.76	ppb
Copper	63-2	288.09	279.48	280.97	282.85	1.63	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				98		%
Indium	115-1				102		%
Indium	115-2				87		%
Iron	54-2	63201.48	61085.63	61244.95	61844.02	1.91	ppb
Iron	56-2	62597.92	60293.92	61575.14	61489.00	1.88	ppb
Iron	57-2	63826.54	61925.85	61227.70	62326.70	2.16	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01A	Instrumnet Name :	P8
Client Sample ID :	MH1F44A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:40:08	DataFile Name :	201AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1190.67	1183.72	1114.25	1162.88	3.63	ppb
Lead	207-1	1145.06	1141.81	1101.97	1129.61	2.12	ppb
Lead	208-1	1145.80	1171.57	1096.64	1138.00	3.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	12962.45	13084.58	12952.40	12999.81	0.57	ppb
Manganese	55-2	2883.21	2889.09	2851.30	2874.54	0.71	ppb
Molybdenum	94-1	7.15	7.38	7.20	7.24	1.70	ppb
Molybdenum	95-1	3.68	3.78	3.72	3.73	1.37	ppb
Molybdenum	96-1	4.45	4.63	4.43	4.50	2.45	ppb
Molybdenum	97-1	3.73	3.90	3.48	3.71	5.66	ppb
Molybdenum	98-1	3.73	3.67	3.56	3.65	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.93	81.78	83.56	83.43	1.89	ppb
Phosphorus	31-2	6231.10	6188.68	6182.24	6200.67	0.43	ppb
Potassium	39-2	7369.70	7296.40	7334.34	7333.48	0.50	ppb
Rhodium	103-1				98		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				76		%
Selenium	82-1	13.65	13.27	10.89	12.60	11.86	ppb
Selenium	77-2	61.15	56.26	67.52	61.64	9.16	ppb
Selenium	78-2	16.25	21.05	20.45	19.25	13.58	ppb
Silicon	28-1	1466.01	1449.31	1353.46	1422.93	4.27	ppb
Silver	107-1	4.99	5.13	4.82	4.98	3.13	ppb
Silver	109-1	5.04	5.20	4.53	4.92	7.17	ppb
Sodium	23-2	484.71	472.18	479.87	478.92	1.32	ppb
Strontium	86-1	413.07	411.03	397.50	407.20	2.08	ppb
Strontium	88-1	411.06	415.62	393.03	406.57	2.94	ppb
Sulfur	34-1	-548.07	-203.21	-1317.85	-689.71		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.76	0.84	0.79	0.80	5.08	ppb
Thallium	205-1	0.81	0.77	0.76	0.78	3.41	ppb
Tin	118-1	23.34	24.03	21.37	22.91	6.03	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01A	Instrumnet Name :	P8
Client Sample ID :	MH1F44A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:40:08	DataFile Name :	201AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	251.65	248.34	231.82	243.94	4.35	ppb
Uranium	238-1	4.95	4.99	4.72	4.89	3.03	ppb
Vanadium	51-2	93.14	92.51	92.23	92.63	0.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				88		%
Zinc	66-2	2829.44	2799.28	2796.61	2808.44	0.65	ppb
Zirconium	90-1	2.33	2.37	2.15	2.28	5.18	ppb
Zirconium	91-1	2.26	2.31	2.25	2.27	1.29	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN1A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:43:02	DataFile Name :	202AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18542.83	18717.66	18618.77	18626.42	0.47	ppb
Antimony	121-1	6.81	6.61	6.74	6.72	1.51	ppb
Arsenic	75-2	31.96	31.42	31.49	31.62	0.94	ppb
Barium	135-1	492.64	495.29	500.23	496.05	0.78	ppb
Barium	137-1	507.49	510.70	509.00	509.06	0.32	ppb
Beryllium	9-1	2.44	2.31	2.37	2.37	2.73	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	27.70	27.43	28.88	28.01	2.76	ppb
Boron	11-1	27.10	27.86	29.23	28.06	3.85	ppb
Bromine	81-1						cps
Cadmium	111-1	12.55	12.74	12.75	12.68	0.87	ppb
Cadmium	106-1	7.86	7.82	9.43	8.37	10.97	ppb
Cadmium	108-1	12.71	11.92	11.70	12.11	4.37	ppb
Calcium	43-1	70020.45	73767.27	75039.61	72942.45	3.58	ppb
Calcium	44-1	71219.90	74154.63	73985.11	73119.88	2.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.30	42.11	42.00	42.13	0.36	ppb
Cobalt	59-2	22.05	21.96	21.99	22.00	0.20	ppb
Copper	63-2	261.63	261.14	257.87	260.21	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				98		%
Indium	115-1				100		%
Indium	115-2				86		%
Iron	54-2	54771.33	54757.06	54713.07	54747.15	0.06	ppb
Iron	56-2	53874.10	56111.81	55119.23	55035.04	2.04	ppb
Iron	57-2	56354.48	56745.41	55577.58	56225.83	1.06	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN1A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:43:02	DataFile Name :	202AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1036.44	1025.29	1038.26	1033.33	0.68	ppb
Lead	207-1	1005.38	1012.35	983.22	1000.31	1.52	ppb
Lead	208-1	1003.30	1006.86	994.70	1001.62	0.62	ppb
Lithium	6-1				92		%
Magnesium	24-2	14905.84	14869.28	14624.96	14800.03	1.03	ppb
Manganese	55-2	2506.47	2527.59	2493.97	2509.34	0.68	ppb
Molybdenum	94-1	6.93	6.73	6.94	6.87	1.71	ppb
Molybdenum	95-1	3.95	3.71	3.79	3.82	3.22	ppb
Molybdenum	96-1	4.73	4.45	4.60	4.59	3.06	ppb
Molybdenum	97-1	4.00	3.71	3.90	3.87	3.81	ppb
Molybdenum	98-1	3.93	3.91	3.82	3.89	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.93	61.70	62.36	62.00	0.54	ppb
Phosphorus	31-2	3487.66	3478.82	3586.16	3517.54	1.69	ppb
Potassium	39-2	6800.78	6875.67	6857.38	6844.61	0.57	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				77		%
Selenium	82-1	11.41	11.50	10.46	11.12	5.18	ppb
Selenium	77-2	62.57	52.13	41.00	51.90	20.79	ppb
Selenium	78-2	18.21	13.42	14.82	15.48	15.91	ppb
Silicon	28-1	1376.01	1453.54	1432.16	1420.57	2.82	ppb
Silver	107-1	6.45	6.62	6.36	6.47	2.06	ppb
Silver	109-1	6.44	6.66	6.58	6.56	1.66	ppb
Sodium	23-2	406.47	402.41	398.29	402.39	1.02	ppb
Strontium	86-1	261.22	256.22	258.96	258.80	0.97	ppb
Strontium	88-1	266.22	252.92	268.46	262.53	3.20	ppb
Sulfur	34-1	-1209.68	-762.43	-483.22	-818.44		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.73	0.83	0.84	0.80	7.42	ppb
Thallium	205-1	0.88	0.85	0.83	0.85	2.99	ppb
Tin	118-1	14.92	15.46	15.23	15.20	1.78	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN1A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:43:02	DataFile Name :	202AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	209.89	218.40	223.60	217.30	3.18	ppb
Uranium	238-1	3.16	3.15	3.14	3.15	0.39	ppb
Vanadium	51-2	80.93	82.03	80.46	81.14	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				88		%
Zinc	66-2	2213.03	2189.84	2203.81	2202.23	0.53	ppb
Zirconium	90-1	1.96	1.88	1.96	1.93	2.44	ppb
Zirconium	91-1	2.05	1.96	2.10	2.04	3.47	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN2A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:45:58	DataFile Name :	203AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48573.55	46741.11	46857.21	47390.63	2.17	ppb
Antimony	121-1	6.38	6.31	5.90	6.19	4.13	ppb
Arsenic	75-2	66.89	64.99	67.58	66.49	2.02	ppb
Barium	135-1	1226.44	1250.32	1167.31	1214.69	3.52	ppb
Barium	137-1	1214.47	1244.67	1148.93	1202.69	4.07	ppb
Beryllium	9-1	4.28	4.11	4.24	4.21	2.07	ppb
Bismuth	209-1				112		%
Bismuth	209-2				100		%
Boron	10-1	35.29	37.53	37.10	36.64	3.24	ppb
Boron	11-1	35.66	36.77	39.65	37.36	5.51	ppb
Bromine	81-1						cps
Cadmium	111-1	13.83	14.39	13.84	14.02	2.27	ppb
Cadmium	106-1	12.43	11.16	9.63	11.07	12.66	ppb
Cadmium	108-1	13.35	15.09	13.82	14.09	6.40	ppb
Calcium	43-1	143578.96	142600.00	144255.98	143478.31	0.58	ppb
Calcium	44-1	141333.35	142141.16	144303.99	142592.83	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.24	123.81	124.10	124.38	0.61	ppb
Cobalt	59-2	54.83	53.11	53.98	53.97	1.60	ppb
Copper	63-2	411.98	415.66	416.43	414.69	0.57	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				108		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				86		%
Iron	54-2	124583.18	120612.51	122172.72	122456.14	1.63	ppb
Iron	56-2	123959.57	121019.77	122018.02	122332.45	1.22	ppb
Iron	57-2	124324.47	123043.90	117571.38	121646.58	2.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN2A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:45:58	DataFile Name :	203AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1419.76	1452.19	1456.64	1442.87	1.40	ppb
Lead	207-1	1417.22	1460.01	1473.51	1450.24	2.03	ppb
Lead	208-1	1422.22	1452.80	1457.28	1444.10	1.32	ppb
Lithium	6-1				92		%
Magnesium	24-2	31068.76	30103.00	30533.95	30568.57	1.58	ppb
Manganese	55-2	3802.59	3813.20	3741.64	3785.81	1.02	ppb
Molybdenum	94-1	13.00	13.79	13.36	13.38	2.95	ppb
Molybdenum	95-1	5.63	5.64	5.76	5.68	1.31	ppb
Molybdenum	96-1	7.43	7.38	7.52	7.44	0.94	ppb
Molybdenum	97-1	5.54	5.84	5.97	5.78	3.88	ppb
Molybdenum	98-1	5.45	5.89	5.67	5.67	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.26	152.07	150.64	152.99	1.91	ppb
Phosphorus	31-2	8745.51	8613.89	8525.03	8628.14	1.29	ppb
Potassium	39-2	16624.70	16625.34	16242.01	16497.35	1.34	ppb
Rhodium	103-1				95		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				78		%
Selenium	82-1	14.16	14.65	15.40	14.74	4.27	ppb
Selenium	77-2	100.33	95.48	95.30	97.04	2.94	ppb
Selenium	78-2	22.71	27.85	27.03	25.87	10.69	ppb
Silicon	28-1	2193.32	2295.29	2245.10	2244.57	2.27	ppb
Silver	107-1	3.17	3.30	3.10	3.19	3.11	ppb
Silver	109-1	3.53	3.49	3.23	3.41	4.72	ppb
Sodium	23-2	1120.28	1102.26	1104.10	1108.88	0.89	ppb
Strontium	86-1	536.46	525.79	549.19	537.15	2.18	ppb
Strontium	88-1	514.19	517.13	538.58	523.30	2.54	ppb
Sulfur	34-1	588.58	988.79	1090.64	889.34	29.84	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	1.31	1.33	1.26	1.30	2.74	ppb
Thallium	205-1	1.30	1.30	1.29	1.30	0.47	ppb
Tin	118-1	19.86	20.30	19.45	19.87	2.14	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN2A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:45:58	DataFile Name :	203AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1067.09	1088.78	1106.89	1087.59	1.83	ppb
Uranium	238-1	12.69	12.85	12.68	12.74	0.74	ppb
Vanadium	51-2	195.03	194.93	191.86	193.94	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				98		%
Zinc	66-2	2841.91	2779.39	2791.60	2804.30	1.18	ppb
Zirconium	90-1	4.20	4.75	4.35	4.43	6.40	ppb
Zirconium	91-1	4.14	4.34	4.36	4.28	2.80	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14A	Instrumnet Name :	P8
Client Sample ID :	MH1FN5A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:48:52	DataFile Name :	204AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29943.31	29605.37	30880.35	30143.01	2.19	ppb
Antimony	121-1	10.25	10.31	10.79	10.45	2.83	ppb
Arsenic	75-2	61.58	60.76	59.22	60.52	1.98	ppb
Barium	135-1	1174.00	1228.69	1191.84	1198.18	2.33	ppb
Barium	137-1	1159.09	1198.37	1199.43	1185.63	1.94	ppb
Beryllium	9-1	4.12	4.21	4.02	4.11	2.21	ppb
Bismuth	209-1				115		%
Bismuth	209-2				100		%
Boron	10-1	46.74	48.64	51.00	48.79	4.37	ppb
Boron	11-1	47.12	48.14	52.07	49.11	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	26.13	25.97	26.40	26.17	0.84	ppb
Cadmium	106-1	18.31	21.22	19.25	19.59	7.58	ppb
Cadmium	108-1	23.84	24.97	25.34	24.72	3.16	ppb
Calcium	43-1	145183.12	147978.17	145699.19	146286.83	1.02	ppb
Calcium	44-1	143129.48	145999.80	146512.55	145213.94	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.99	106.21	108.29	106.83	1.19	ppb
Cobalt	59-2	39.19	39.04	39.59	39.27	0.72	ppb
Copper	63-2	794.70	768.54	791.98	785.07	1.83	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				111		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				87		%
Iron	54-2	117553.41	114855.15	117094.49	116501.02	1.24	ppb
Iron	56-2	118101.23	115126.64	118188.15	117138.67	1.49	ppb
Iron	57-2	122569.07	118044.59	117375.89	119329.85	2.37	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14A	Instrumnet Name :	P8
Client Sample ID :	MH1FN5A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:48:52	DataFile Name :	204AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2207.60	2144.91	2254.47	2202.33	2.50	ppb
Lead	207-1	2135.88	2057.04	2207.75	2133.56	3.53	ppb
Lead	208-1	2196.05	2113.90	2228.00	2179.32	2.70	ppb
Lithium	6-1				93		%
Magnesium	24-2	17746.55	17307.82	18026.59	17693.65	2.05	ppb
Manganese	55-2	5071.81	4878.37	4987.54	4979.24	1.95	ppb
Molybdenum	94-1	10.76	10.49	10.48	10.58	1.52	ppb
Molybdenum	95-1	6.37	5.87	6.10	6.11	4.06	ppb
Molybdenum	96-1	7.65	7.44	7.11	7.40	3.67	ppb
Molybdenum	97-1	6.19	6.27	6.11	6.19	1.28	ppb
Molybdenum	98-1	6.08	6.01	6.17	6.09	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.48	126.21	125.20	125.96	0.54	ppb
Phosphorus	31-2	7665.48	7804.48	8545.33	8005.09	5.91	ppb
Potassium	39-2	6758.09	6580.08	6790.63	6709.60	1.69	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				76		%
Selenium	82-1	21.38	19.83	19.94	20.39	4.25	ppb
Selenium	77-2	76.42	78.63	67.39	74.15	8.03	ppb
Selenium	78-2	30.78	24.13	23.40	26.10	15.57	ppb
Silicon	28-1	3061.25	3071.76	3353.97	3162.33	5.25	ppb
Silver	107-1	15.46	15.38	15.93	15.59	1.91	ppb
Silver	109-1	15.70	15.89	16.24	15.94	1.70	ppb
Sodium	23-2	1071.81	1031.06	1040.19	1047.68	2.04	ppb
Strontium	86-1	671.84	640.70	648.76	653.77	2.47	ppb
Strontium	88-1	653.63	632.07	635.88	640.53	1.80	ppb
Sulfur	34-1	1607.35	989.85	1547.11	1381.44	24.65	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	1.10	0.98	1.03	1.04	5.67	ppb
Thallium	205-1	1.01	1.02	1.01	1.01	0.62	ppb
Tin	118-1	66.66	64.48	68.39	66.51	2.95	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14A	Instrumnet Name :	P8
Client Sample ID :	MH1FN5A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:48:52	DataFile Name :	204AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	362.26	353.28	363.75	359.76	1.57	ppb
Uranium	238-1	7.85	7.93	8.34	8.04	3.23	ppb
Vanadium	51-2	146.17	141.66	147.43	145.08	2.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	7057.04	6642.76	6571.18	6756.99	3.88	ppb
Zirconium	90-1	2.87	2.79	2.72	2.79	2.75	ppb
Zirconium	91-1	2.83	2.77	2.72	2.77	2.06	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01A	Instrumnet Name :	P8
Client Sample ID :	MH1FN6A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:51:49	DataFile Name :	205AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28899.64	26494.06	26834.86	27409.52	4.75	ppb
Antimony	121-1	13.03	12.86	13.10	13.00	0.97	ppb
Arsenic	75-2	37.12	34.18	34.69	35.33	4.44	ppb
Barium	135-1	737.77	730.25	752.53	740.19	1.53	ppb
Barium	137-1	760.25	753.72	760.68	758.22	0.51	ppb
Beryllium	9-1	3.20	3.29	2.98	3.15	5.04	ppb
Bismuth	209-1				112		%
Bismuth	209-2				96		%
Boron	10-1	32.84	36.53	36.62	35.33	6.12	ppb
Boron	11-1	33.83	37.13	37.31	36.09	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	15.34	14.76	15.27	15.12	2.09	ppb
Cadmium	106-1	10.77	10.00	11.84	10.87	8.51	ppb
Cadmium	108-1	14.36	14.48	14.61	14.48	0.86	ppb
Calcium	43-1	72724.74	71918.61	73703.16	72782.17	1.23	ppb
Calcium	44-1	70108.93	73620.12	71795.51	71841.52	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134.11	123.49	125.01	127.53	4.50	ppb
Cobalt	59-2	32.49	29.73	29.98	30.73	4.96	ppb
Copper	63-2	406.28	375.10	383.81	388.40	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				85		%
Iron	54-2	100737.82	93006.76	93763.44	95836.01	4.45	ppb
Iron	56-2	100290.15	93043.00	95804.00	96379.05	3.80	ppb
Iron	57-2	102057.30	93879.00	94330.23	96755.51	4.75	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01A	Instrumnet Name :	P8
Client Sample ID :	MH1FN6A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:51:49	DataFile Name :	205AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1338.59	1349.23	1332.80	1340.21	0.62	ppb
Lead	207-1	1310.03	1322.46	1295.60	1309.36	1.03	ppb
Lead	208-1	1313.62	1342.46	1314.52	1323.53	1.24	ppb
Lithium	6-1				91		%
Magnesium	24-2	16596.43	14994.32	14870.07	15486.94	6.22	ppb
Manganese	55-2	3338.65	3068.62	3153.79	3187.02	4.33	ppb
Molybdenum	94-1	9.69	9.50	10.05	9.74	2.87	ppb
Molybdenum	95-1	5.60	5.73	5.79	5.71	1.75	ppb
Molybdenum	96-1	6.72	6.82	7.06	6.87	2.54	ppb
Molybdenum	97-1	5.41	5.91	6.14	5.82	6.37	ppb
Molybdenum	98-1	5.55	5.72	6.05	5.77	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.94	108.06	109.68	111.56	4.24	ppb
Phosphorus	31-2	6832.82	6533.86	6328.84	6565.18	3.86	ppb
Potassium	39-2	5806.72	5469.85	5483.97	5586.85	3.41	ppb
Rhodium	103-1				96		%
Rhodium	103-2				86		%
Scandium	45-1				95		%
Scandium	45-2				75		%
Selenium	82-1	12.91	14.13	13.51	13.52	4.52	ppb
Selenium	77-2	63.21	65.20	61.93	63.44	2.59	ppb
Selenium	78-2	20.03	17.86	18.36	18.75	6.05	ppb
Silicon	28-1	1616.10	1617.96	1594.18	1609.42	0.82	ppb
Silver	107-1	5.61	5.58	5.58	5.59	0.33	ppb
Silver	109-1	5.72	5.78	5.81	5.77	0.75	ppb
Sodium	23-2	643.89	611.09	609.65	621.54	3.12	ppb
Strontium	86-1	357.81	372.02	369.86	366.57	2.09	ppb
Strontium	88-1	357.53	363.22	366.57	362.44	1.26	ppb
Sulfur	34-1	-130.10	-346.22	-268.34	-248.22		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.71	0.83	0.78	0.77	7.57	ppb
Thallium	205-1	0.76	0.84	0.79	0.80	5.05	ppb
Tin	118-1	30.69	29.98	30.10	30.26	1.26	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01A	Instrumnet Name :	P8
Client Sample ID :	MH1FN6A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:51:49	DataFile Name :	205AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	363.59	357.89	353.54	358.34	1.41	ppb
Uranium	238-1	5.72	5.94	5.79	5.82	1.96	ppb
Vanadium	51-2	124.56	116.06	116.71	119.11	3.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				87		%
Zinc	66-2	6037.07	5664.25	5724.65	5808.66	3.44	ppb
Zirconium	90-1	2.50	2.49	2.63	2.54	3.19	ppb
Zirconium	91-1	2.36	2.51	2.65	2.51	5.89	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P8
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:54:42	DataFile Name :	206CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48751.88	48439.01	47644.72	48278.54	1.18	ppb
Antimony	121-1	466.25	460.53	455.57	460.78	1.16	ppb
Arsenic	75-2	479.36	480.94	479.32	479.87	0.19	ppb
Barium	135-1	2383.47	2407.00	2327.53	2372.67	1.72	ppb
Barium	137-1	2410.99	2342.35	2329.62	2360.99	1.85	ppb
Beryllium	9-1	490.99	486.39	497.63	491.67	1.15	ppb
Bismuth	209-1				104		%
Bismuth	209-2				92		%
Boron	10-1	472.09	505.52	522.72	500.11	5.15	ppb
Boron	11-1	473.91	487.41	515.75	492.36	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	467.88	464.22	452.39	461.50	1.76	ppb
Cadmium	106-1	454.15	444.40	434.53	444.36	2.21	ppb
Cadmium	108-1	464.11	448.75	458.62	457.16	1.70	ppb
Calcium	43-1	253390.76	248781.13	255629.08	252600.32	1.38	ppb
Calcium	44-1	255459.36	251590.56	253337.68	253462.53	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.96	480.07	483.91	483.98	0.82	ppb
Cobalt	59-2	531.01	508.52	505.61	515.05	2.70	ppb
Copper	63-2	5163.29	5143.99	5085.01	5130.77	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				105		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				81		%
Iron	54-2	131444.09	127814.01	130450.89	129903.00	1.44	ppb
Iron	56-2	132196.96	128627.86	128405.88	129743.57	1.64	ppb
Iron	57-2	129210.51	128370.04	129861.75	129147.43	0.58	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P8
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:54:42	DataFile Name :	206CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2443.40	2438.95	2444.35	2442.23	0.12	ppb
Lead	207-1	2386.54	2395.80	2463.39	2415.25	1.74	ppb
Lead	208-1	2444.26	2412.88	2457.95	2438.36	0.95	ppb
Lithium	6-1				90		%
Magnesium	24-2	244155.20	241396.76	245385.57	243645.84	0.84	ppb
Manganese	55-2	5054.68	4915.17	5112.87	5027.57	2.02	ppb
Molybdenum	94-1	4886.34	5145.76	5005.24	5012.45	2.59	ppb
Molybdenum	95-1	4823.78	5151.09	5055.54	5010.13	3.36	ppb
Molybdenum	96-1	4781.75	5095.84	5118.27	4998.62	3.76	ppb
Molybdenum	97-1	4802.21	5127.12	5049.00	4992.78	3.40	ppb
Molybdenum	98-1	4905.36	5111.43	5098.55	5038.45	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.07	506.72	517.99	515.92	1.62	ppb
Phosphorus	31-2	9284.83	8736.86	8540.20	8853.96	4.36	ppb
Potassium	39-2	121869.59	118610.71	118598.01	119692.77	1.58	ppb
Rhodium	103-1				89		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				72		%
Selenium	82-1	467.95	481.59	491.39	480.31	2.45	ppb
Selenium	77-2	443.15	470.44	451.00	454.86	3.09	ppb
Selenium	78-2	483.75	472.72	494.11	483.53	2.21	ppb
Silicon	28-1	542.68	598.46	627.75	589.63	7.33	ppb
Silver	107-1	467.54	459.51	462.18	463.07	0.88	ppb
Silver	109-1	475.84	467.19	457.65	466.89	1.95	ppb
Sodium	23-2	250022.29	246979.92	248339.92	248447.38	0.61	ppb
Strontium	86-1	4637.60	4671.98	4898.04	4735.87	2.99	ppb
Strontium	88-1	4698.51	4718.25	4789.84	4735.53	1.01	ppb
Sulfur	34-1	10258.79	10519.89	10943.96	10574.22	3.27	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	485.34	497.39	496.51	493.08	1.36	ppb
Thallium	205-1	492.90	497.18	491.02	493.70	0.64	ppb
Tin	118-1	467.71	471.22	457.89	465.61	1.48	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P8
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:54:42	DataFile Name :	206CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4858.98	4957.01	4940.95	4918.98	1.07	ppb
Uranium	238-1	501.91	516.51	509.28	509.23	1.43	ppb
Vanadium	51-2	491.69	482.51	487.50	487.23	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				78		%
Zinc	66-2	4988.93	4879.94	4845.60	4904.82	1.53	ppb
Zirconium	90-1	475.28	486.92	500.56	487.59	2.59	ppb
Zirconium	91-1	460.79	484.26	491.82	478.96	3.38	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB050 Instrumnet Name : P8
 Client Sample ID : CCB050 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 23:02:17 DataFile Name : 207CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.89	1.09	0.79	45.42	ppb
Antimony	121-1	0.06	0.08	0.07	0.07	14.20	ppb
Arsenic	75-2	-0.02	0.01	-0.01	0.00		ppb
Barium	135-1	0.02	0.02	0.02	0.02	12.93	ppb
Barium	137-1	0.03	0.02	0.06	0.04	44.58	ppb
Beryllium	9-1	0.03	0.03	0.05	0.03	36.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	13.13	12.54	12.96	12.88	2.35	ppb
Boron	11-1	13.22	12.38	13.71	13.10	5.12	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.06	-0.05	-0.05		ppb
Cadmium	106-1	-4.88	-5.91	-6.84	-5.88		ppb
Cadmium	108-1	-0.27	-0.09	-0.10	-0.15		ppb
Calcium	43-1	1.90	2.84	1.74	2.16	27.59	ppb
Calcium	44-1	-10.87	-13.94	-8.02	-10.94		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.01	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	101.30	ppb
Copper	63-2	0.10	0.10	0.12	0.10	12.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				84		%
Iron	54-2	2.55	1.02	0.39	1.32	84.02	ppb
Iron	56-2	1.63	1.69	2.14	1.82	15.20	ppb
Iron	57-2	0.79	1.98	0.21	0.99	90.96	ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P8
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 23:02:17	DataFile Name :	207CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.07	0.06	20.24	ppb
Lead	207-1	0.08	0.07	0.04	0.06	36.20	ppb
Lead	208-1	0.07	0.05	0.06	0.06	17.95	ppb
Lithium	6-1				88		%
Magnesium	24-2	3.86	2.04	1.66	2.52	46.68	ppb
Manganese	55-2	0.06	0.11	0.04	0.07	57.40	ppb
Molybdenum	94-1	0.16	0.10	0.07	0.11	43.53	ppb
Molybdenum	95-1	0.15	0.08	0.11	0.11	33.67	ppb
Molybdenum	96-1	0.17	0.11	0.10	0.13	29.81	ppb
Molybdenum	97-1	0.17	0.09	0.12	0.13	32.14	ppb
Molybdenum	98-1	0.13	0.11	0.08	0.11	25.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.02	-0.04		ppb
Phosphorus	31-2	-53.19	-48.94	-31.97	-44.70		ppb
Potassium	39-2	-12.03	-11.07	6.39	-5.57		ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				71		%
Selenium	82-1	0.95	0.25	0.79	0.66	55.37	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.17	-0.50	0.00	-0.56		ppb
Silicon	28-1	-21.19	-22.00	-9.17	-17.46		ppb
Silver	107-1	0.01	-0.01	0.00	0.00	346.51	ppb
Silver	109-1	0.01	0.00	0.00	0.00	142.56	ppb
Sodium	23-2	-4.01	-6.27	-3.82	-4.70		ppb
Strontium	86-1	0.15	0.12	0.20	0.16	26.01	ppb
Strontium	88-1	0.06	0.04	0.03	0.04	30.17	ppb
Sulfur	34-1	-1150.75	-1753.83	-481.83	-1128.80		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.14	-0.15	-0.11	-0.13		ppb

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P8
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 23:02:17	DataFile Name :	207CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.01	0.03	0.00	1594.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	27.00	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	60.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				79		%
Zinc	66-2	0.17	0.16	0.07	0.13	43.91	ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	91.22	ppb
Zirconium	91-1	0.02	0.00	0.04	0.02	100.44	ppb

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE078 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 10:19:52 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135	149	150	145	5.76	cps
Antimony	121-1	1592	1467	1583	1547	4.52	cps
Arsenic	75-2	112	89	72	91	22.06	cps
Barium	135-1	275	317	183	258	26.40	cps
Barium	137-1	400	475	358	411	14.38	cps
Beryllium	9-1	730	738	678	715	4.56	cps
Bismuth	209-1	3986319	4077748	4160227	4074765	2.13	cps
Bismuth	209-2	2533044	2497965	2586863	2539291	1.76	cps
Boron	10-1	174	144	194	171	14.75	cps
Boron	11-1	778	764	768	770	0.94	cps
Bromine	81-1	22180	20897	19915	20998	5.41	cps
Cadmium	111-1	447	297	312	352	23.41	cps
Cadmium	106-1	5268	5034	4818	5040	4.47	cps
Cadmium	108-1	1275	1229	1171	1225	4.26	cps
Calcium	43-1	314	361	339	338	7.03	cps
Calcium	44-1	26479	26604	26585	26556	0.25	cps
Carbon	12-1	4240375	4371003	4384319	4331899	1.84	cps
Carbon	12-2	45948	46851	47093	46631	1.29	cps
Chlorine	35-1	3466348	3371146	3321275	3386256	2.18	cps
Chlorine	35-2	21525	20807	20215	20849	3.15	cps
Chromium	52-2	1023	1067	1153	1081	6.12	cps
Cobalt	59-2	393	420	377	397	5.51	cps
Copper	63-2	1107	1263	1147	1172	6.94	cps
Dysprosium	156-1	25	17	33	25	33.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	75	92	61	64.44	cps
Erbium	164-2	13	10	30	18	60.28	cps
Gadolinium	160-1	42	42	58	47	20.37	cps
Gadolinium	160-2	67	73	70	70	4.76	cps
Holmium	165-1	7646804	7667840	7458003	7590882	1.52	cps
Holmium	165-2	3841430	3773417	3944557	3853134	2.24	cps
Indium	115-1	7711680	7565729	7660335	7645914	0.97	cps
Indium	115-2	1205757	1201890	1230757	1212801	1.29	cps
Iron	54-2	583	633	722	646	10.89	cps
Iron	56-2	6007	6457	6079	6181	3.91	cps
Iron	57-2	306	311	272	296	7.10	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:19:52	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	870	870	823	854	3.15	cps
Lead	206-1	1272	1311	1361	1315	3.39	cps
Lead	207-1	1033	1167	1167	1122	6.86	cps
Lead	208-1	5156	5334	5590	5360	4.06	cps
Lithium	6-1	2501045	2603011	2463391	2522482	2.86	cps
Magnesium	24-2	700	883	900	828	13.41	cps
Manganese	55-2	190	203	210	201	5.06	cps
Molybdenum	94-1	1142	1242	1142	1175	4.91	cps
Molybdenum	95-1	1300	1567	1408	1425	9.41	cps
Molybdenum	96-1	2009	1917	1900	1942	3.00	cps
Molybdenum	97-1	975	842	917	911	7.34	cps
Molybdenum	98-1	2534	2609	2234	2459	8.07	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	327	293	310	5.38	cps
Phosphorus	31-2	175	125	158	153	16.67	cps
Potassium	39-2	21491	20707	20407	20868	2.68	cps
Rhodium	103-1	7446716	7292588	7627133	7455479	2.25	cps
Rhodium	103-2	3543425	3573285	3712957	3609889	2.51	cps
Scandium	45-1	6427392	6332012	6359043	6372816	0.77	cps
Scandium	45-2	198839	200356	204018	201071	1.32	cps
Selenium	82-1	-18	4	85	24	229.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	52	56	69	59	15.06	cps
Silicon	28-1	740061	744072	739620	741251	0.33	cps
Silver	107-1	342	150	308	267	38.40	cps
Silver	109-1	325	167	175	222	40.10	cps
Sodium	23-2	15984	15651	15233	15623	2.41	cps
Strontium	86-1	1909	1892	1675	1825	7.13	cps
Strontium	88-1	3301	3192	3017	3170	4.51	cps
Sulfur	34-1	442885	439689	438947	440507	0.47	cps
Terbium	159-1	8362222	8132194	8045321	8179912	2.00	cps
Terbium	159-2	3669804	3763456	3892072	3775111	2.96	cps
Thallium	203-1	4418	4318	4843	4526	6.16	cps
Thallium	205-1	10997	11022	10021	10680	5.34	cps
Tin	118-1	1859	1758	1775	1797	2.98	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:19:52	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	383	350	397	13.97	cps
Uranium	238-1	1292	1350	1475	1372	6.83	cps
Vanadium	51-2	177	130	167	158	15.57	cps
Ytterbium	172-1	308	275	250	278	10.54	cps
Ytterbium	172-2	150	133	128	137	8.44	cps
Ytterbium	176-1	1600	1367	1250	1406	12.68	cps
Ytterbium	176-2	4945	4923	5268	5046	3.82	cps
Yttrium	89-1	12947798	12704876	12591917	12748197	1.43	cps
Yttrium	89-2	1388743	1390170	1421864	1400259	1.34	cps
Zinc	66-2	343	327	330	333	2.65	cps
Zirconium	90-1	842	983	875	900	8.23	cps
Zirconium	91-1	142	208	242	197	25.82	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:55:26	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	134	115	114	18.15	cps
Antimony	121-1	33	17	58	36	58.07	cps
Arsenic	75-2	10	7	11	9	22.30	cps
Barium	135-1	33	33	33	33	0.00	cps
Barium	137-1	67	25	42	44	47.19	cps
Beryllium	9-1	50	34	62	49	28.87	cps
Bismuth	209-1	4466549	4197616	4507163	4390443	3.83	cps
Bismuth	209-2	2865149	2731154	2654572	2750292	3.88	cps
Boron	10-1	162	182	164	169	6.51	cps
Boron	11-1	704	690	700	698	1.03	cps
Bromine	81-1	22311	21709	21439	21820	2.05	cps
Cadmium	111-1	333	353	328	338	3.84	cps
Cadmium	106-1	3159	3417	3350	3309	4.05	cps
Cadmium	108-1	17	38	33	29	37.79	cps
Calcium	43-1	255	247	260	254	2.48	cps
Calcium	44-1	26579	26363	26839	26594	0.90	cps
Carbon	12-1	4178286	4062918	4109983	4117062	1.41	cps
Carbon	12-2	46374	44911	44535	45273	2.15	cps
Chlorine	35-1	368285	364926	366635	366615	0.46	cps
Chlorine	35-2	2267	2375	2317	2320	2.34	cps
Chromium	52-2	1120	1057	1073	1083	3.03	cps
Cobalt	59-2	70	77	67	71	7.16	cps
Copper	63-2	573	630	730	644	12.31	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	92	42	33	56	56.79	cps
Erbium	164-2	40	20	40	33	34.64	cps
Gadolinium	160-1	100	50	33	61	56.78	cps
Gadolinium	160-2	73	97	63	78	22.00	cps
Holmium	165-1	7943733	8031169	8033792	8002898	0.64	cps
Holmium	165-2	4197987	4029212	4186110	4137770	2.28	cps
Indium	115-1	7788329	8013219	7851954	7884501	1.47	cps
Indium	115-2	1360477	1274251	1308344	1314357	3.30	cps
Iron	54-2	494	622	511	543	12.80	cps
Iron	56-2	3273	3551	3178	3334	5.81	cps
Iron	57-2	244	344	250	280	20.10	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:55:26	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	840	967	943	9.95	cps
Lead	206-1	456	550	544	517	10.26	cps
Lead	207-1	511	394	517	474	14.56	cps
Lead	208-1	2045	1967	2250	2087	7.01	cps
Lithium	6-1	2614937	2695233	2623304	2644491	1.67	cps
Magnesium	24-2	633	600	567	600	5.56	cps
Manganese	55-2	57	63	83	68	20.47	cps
Molybdenum	94-1	383	350	267	333	18.03	cps
Molybdenum	95-1	67	75	92	78	16.37	cps
Molybdenum	96-1	75	175	200	150	44.10	cps
Molybdenum	97-1	8	33	17	19	65.47	cps
Molybdenum	98-1	125	75	100	100	25.00	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	83	117	123	108	19.89	cps
Phosphorus	31-2	217	158	208	194	16.22	cps
Potassium	39-2	21491	21809	20607	21302	2.92	cps
Rhodium	103-1	7879111	7737512	7933505	7850043	1.29	cps
Rhodium	103-2	3998603	3800629	3799947	3866393	2.96	cps
Scandium	45-1	6567473	6589507	6634531	6597170	0.52	cps
Scandium	45-2	221696	209452	213046	214731	2.93	cps
Selenium	82-1	-147	45	-99	-67	-148.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	74	79	70	17.36	cps
Silicon	28-1	675306	668888	673909	672701	0.50	cps
Silver	107-1	208	283	183	225	23.13	cps
Silver	109-1	158	158	200	172	13.97	cps
Sodium	23-2	16660	16485	16468	16538	0.64	cps
Strontium	86-1	1367	1542	1500	1470	6.22	cps
Strontium	88-1	308	400	367	358	12.95	cps
Sulfur	34-1	430837	434317	435065	433406	0.52	cps
Terbium	159-1	8467318	8677292	8503746	8549452	1.31	cps
Terbium	159-2	4194469	3909353	4061291	4055038	3.52	cps
Thallium	203-1	458	433	433	442	3.27	cps
Thallium	205-1	808	967	1117	964	16.00	cps
Tin	118-1	642	500	1982	1041	78.53	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:55:26	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	267	242	272	12.37	cps
Uranium	238-1	25	33	8	22	57.29	cps
Vanadium	51-2	17	7	10	11	45.82	cps
Ytterbium	172-1	25	17	50	31	56.77	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	883	1050	933	956	8.95	cps
Ytterbium	176-2	5685	5662	5429	5592	2.53	cps
Yttrium	89-1	13396276	13397575	13380914	13391588	0.07	cps
Yttrium	89-2	1563104	1471703	1472624	1502477	3.49	cps
Zinc	66-2	127	137	140	134	5.16	cps
Zirconium	90-1	717	875	833	808	10.15	cps
Zirconium	91-1	192	158	192	181	10.66	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:58:32	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1041	1064	1076	1060	1.67	cps
Antimony	121-1	10079	10546	11055	10560	4.62	cps
Arsenic	75-2	202	192	172	189	8.10	cps
Barium	135-1	13624	13691	13574	13630	0.43	cps
Barium	137-1	23271	23479	22711	23154	1.72	cps
Beryllium	9-1	1410	1414	1396	1406	0.67	cps
Bismuth	209-1	4142695	4038464	4231721	4137627	2.34	cps
Bismuth	209-2	2713154	2684947	2749699	2715934	1.20	cps
Boron	10-1	2706	2880	3014	2866	5.39	cps
Boron	11-1	12341	14084	14843	13756	9.33	cps
Bromine	81-1	21599	21379	21840	21606	1.07	cps
Cadmium	111-1	1555	1658	1636	1616	3.34	cps
Cadmium	106-1	3384	3376	3467	3409	1.49	cps
Cadmium	108-1	167	150	117	144	17.62	cps
Calcium	43-1	11123	11102	10705	10977	2.14	cps
Calcium	44-1	202117	204768	204204	203696	0.69	cps
Carbon	12-1	4181963	4232021	4112219	4175401	1.44	cps
Carbon	12-2	43331	45429	45045	44602	2.50	cps
Chlorine	35-1	340055	340926	333971	338317	1.12	cps
Chlorine	35-2	2192	2142	2009	2114	4.48	cps
Chromium	52-2	4831	4921	4898	4883	0.96	cps
Cobalt	59-2	3947	3641	3544	3711	5.68	cps
Copper	63-2	6008	6295	6121	6141	2.35	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	33	92	42	56	56.79	cps
Erbium	164-2	17	23	23	21	18.21	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	43	47	67	52	24.17	cps
Holmium	165-1	7695731	7786170	8003911	7828604	2.02	cps
Holmium	165-2	3920119	4121699	4178463	4073427	3.33	cps
Indium	115-1	7631918	7326385	8030502	7662935	4.61	cps
Indium	115-2	1302885	1293350	1294680	1296972	0.40	cps
Iron	54-2	4684	4729	4779	4730	1.00	cps
Iron	56-2	76494	79225	78041	77920	1.76	cps
Iron	57-2	2089	2061	2206	2119	3.62	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:58:32	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	853	960	893	902	5.97	cps
Lead	206-1	3723	3478	3656	3619	3.49	cps
Lead	207-1	3184	3556	3117	3286	7.20	cps
Lead	208-1	14976	14920	14170	14689	3.06	cps
Lithium	6-1	2502954	2533211	2585452	2540539	1.64	cps
Magnesium	24-2	72883	72958	71149	72330	1.41	cps
Manganese	55-2	1260	1200	1220	1227	2.49	cps
Molybdenum	94-1	13732	13365	14099	13732	2.67	cps
Molybdenum	95-1	16594	16602	16160	16452	1.54	cps
Molybdenum	96-1	18596	17870	18196	18221	2.00	cps
Molybdenum	97-1	9862	10112	9654	9876	2.32	cps
Molybdenum	98-1	25883	25549	25975	25802	0.87	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1133	1030	1083	1082	4.78	cps
Phosphorus	31-2	183	133	192	169	18.62	cps
Potassium	39-2	77517	76000	76997	76838	1.00	cps
Rhodium	103-1	7460152	7422001	7977390	7619847	4.07	cps
Rhodium	103-2	3864007	3853680	3815681	3844456	0.66	cps
Scandium	45-1	6365331	6145716	6507923	6339657	2.88	cps
Scandium	45-2	213515	214484	214302	214100	0.24	cps
Selenium	82-1	575	458	543	525	11.48	cps
Selenium	77-2	13	17	17	16	12.40	cps
Selenium	78-2	121	133	108	121	10.36	cps
Silicon	28-1	725448	725328	729023	726600	0.29	cps
Silver	107-1	7302	7336	6810	7149	4.11	cps
Silver	109-1	6210	6485	6377	6357	2.18	cps
Sodium	23-2	156400	157251	153867	155839	1.13	cps
Strontium	86-1	3751	3551	3876	3726	4.40	cps
Strontium	88-1	19973	19781	20749	20168	2.54	cps
Sulfur	34-1	434400	429569	436874	433614	0.86	cps
Terbium	159-1	8506901	8134751	8495097	8378916	2.52	cps
Terbium	159-2	4069484	4022056	4040250	4043930	0.59	cps
Thallium	203-1	4818	5385	4876	5026	6.20	cps
Thallium	205-1	12406	12348	11722	12159	3.12	cps
Tin	118-1	25224	24264	24707	24731	1.94	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 10:58:32	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5951	5726	5735	5804	2.20	cps
Uranium	238-1	11305	10380	10546	10744	4.59	cps
Vanadium	51-2	8152	8002	7739	7965	2.63	cps
Ytterbium	172-1	42	25	17	28	45.82	cps
Ytterbium	172-2	17	22	0	13	89.21	cps
Ytterbium	176-1	975	942	1100	1006	8.30	cps
Ytterbium	176-2	5007	5284	5351	5214	3.50	cps
Yttrium	89-1	12928752	12787029	13233105	12982962	1.76	cps
Yttrium	89-2	1499540	1515915	1482727	1499394	1.11	cps
Zinc	66-2	963	930	880	924	4.54	cps
Zirconium	90-1	12347	11814	11922	12028	2.35	cps
Zirconium	91-1	2742	2567	2542	2617	4.17	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:04:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63457	63644	64418	63840	0.80	cps
Antimony	121-1	295398	295951	301878	297742	1.21	cps
Arsenic	75-2	9713	9513	9625	9617	1.04	cps
Barium	135-1	372630	381776	377061	377156	1.21	cps
Barium	137-1	637932	648218	660206	648786	1.72	cps
Beryllium	9-1	72746	73112	72473	72777	0.44	cps
Bismuth	209-1	4318069	4487951	4300655	4368892	2.37	cps
Bismuth	209-2	2761762	2723897	2661826	2715828	1.86	cps
Boron	10-1	6292	6724	7619	6878	9.83	cps
Boron	11-1	31656	33650	35294	33533	5.43	cps
Bromine	81-1	20587	22973	22211	21923	5.56	cps
Cadmium	111-1	72312	71423	73351	72362	1.33	cps
Cadmium	106-1	12197	11839	11297	11778	3.85	cps
Cadmium	108-1	6001	5926	6076	6001	1.25	cps
Calcium	43-1	126461	126593	128393	127149	0.85	cps
Calcium	44-1	2124976	2126400	2114371	2121916	0.31	cps
Carbon	12-1	4448401	4458715	4535503	4480873	1.06	cps
Carbon	12-2	49902	49050	50973	49975	1.93	cps
Chlorine	35-1	326910	328939	323877	326575	0.78	cps
Chlorine	35-2	1975	2042	2000	2006	1.68	cps
Chromium	52-2	108129	105792	105859	106593	1.25	cps
Cobalt	59-2	191451	189598	191108	190719	0.52	cps
Copper	63-2	1468202	1453223	1475496	1465640	0.77	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	10	7	20	12	56.76	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	33	23	37	31	22.31	cps
Gadolinium	160-1	67	50	25	47	44.41	cps
Gadolinium	160-2	83	93	107	94	12.40	cps
Holmium	165-1	8325603	8185621	7928955	8146726	2.47	cps
Holmium	165-2	4225048	4033460	4170353	4142954	2.38	cps
Indium	115-1	8305651	8124264	7952692	8127536	2.17	cps
Indium	115-2	1302998	1314335	1300389	1305907	0.57	cps
Iron	54-2	232388	234171	229820	232126	0.94	cps
Iron	56-2	4130118	4083995	4208186	4140766	1.52	cps
Iron	57-2	101661	102214	102136	102004	0.29	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:04:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	867	817	897	860	4.70	cps
Lead	206-1	870853	839389	866476	858906	1.98	cps
Lead	207-1	764148	762898	765423	764156	0.17	cps
Lead	208-1	3522627	3548459	3587659	3552915	0.92	cps
Lithium	6-1	2655158	2715953	2688253	2686455	1.13	cps
Magnesium	24-2	816300	804308	809556	810055	0.74	cps
Manganese	55-2	537477	523554	521986	527672	1.62	cps
Molybdenum	94-1	1306467	1317060	1365031	1329519	2.35	cps
Molybdenum	95-1	1995250	1840814	1962707	1932923	4.21	cps
Molybdenum	96-1	2205243	2059845	2154751	2139947	3.45	cps
Molybdenum	97-1	1178231	1205826	1225850	1203303	1.99	cps
Molybdenum	98-1	2977690	3051389	3104313	3044464	2.09	cps
Neodymium	150-1	7	40	20	22	75.49	cps
Neodymium	150-2	0	3	20	8	137.80	cps
Nickel	60-2	51490	51694	49938	51040	1.88	cps
Phosphorus	31-2	2784	2792	2859	2811	1.46	cps
Potassium	39-2	341395	340813	340625	340945	0.12	cps
Rhodium	103-1	8008284	7978810	7596462	7861185	2.92	cps
Rhodium	103-2	3866405	3829071	3833377	3842951	0.53	cps
Scandium	45-1	6921793	6678908	6482240	6694314	3.29	cps
Scandium	45-2	215378	214767	214620	214922	0.19	cps
Selenium	82-1	6151	6206	6010	6122	1.65	cps
Selenium	77-2	227	180	213	207	11.63	cps
Selenium	78-2	698	716	680	698	2.58	cps
Silicon	28-1	928987	952385	955758	945710	1.54	cps
Silver	107-1	392171	394423	399610	395401	0.96	cps
Silver	109-1	383474	380941	378297	380904	0.68	cps
Sodium	23-2	1606533	1529348	1572714	1569532	2.47	cps
Strontium	86-1	1231422	1223105	1240646	1231724	0.71	cps
Strontium	88-1	10568658	10197133	10357586	10374459	1.80	cps
Sulfur	34-1	478136	477929	478917	478327	0.11	cps
Terbium	159-1	8856404	8598434	8324724	8593188	3.09	cps
Terbium	159-2	4061948	4197443	4091893	4117095	1.73	cps
Thallium	203-1	211405	215037	218224	214889	1.59	cps
Thallium	205-1	492767	525894	526184	514948	3.73	cps
Tin	118-1	272289	268391	274716	271799	1.17	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:04:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	666643	669239	678175	671353	0.90	cps
Uranium	238-1	606095	595718	614328	605380	1.54	cps
Vanadium	51-2	86875	86875	85386	86379	1.00	cps
Ytterbium	172-1	25	25	42	31	31.50	cps
Ytterbium	172-2	22	0	33	19	91.65	cps
Ytterbium	176-1	1817	1975	1900	1897	4.17	cps
Ytterbium	176-2	5790	6368	5846	6001	5.31	cps
Yttrium	89-1	14324397	13536437	12955676	13605503	5.05	cps
Yttrium	89-2	1477987	1508629	1476964	1487860	1.21	cps
Zinc	66-2	154730	153342	154807	154293	0.53	cps
Zirconium	90-1	643967	651896	640477	645447	0.91	cps
Zirconium	91-1	139793	142318	140077	140729	0.98	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:07:44 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129981	130024	128554	129520	0.65	cps
Antimony	121-1	740591	746117	732707	739805	0.91	cps
Arsenic	75-2	23480	23257	23281	23340	0.52	cps
Barium	135-1	945558	959142	950089	951596	0.73	cps
Barium	137-1	1695653	1565699	1663017	1641457	4.12	cps
Beryllium	9-1	181096	181472	181625	181398	0.15	cps
Bismuth	209-1	4564624	4587472	4649897	4600665	0.96	cps
Bismuth	209-2	2732855	2718845	2733082	2728261	0.30	cps
Boron	10-1	15769	17271	18488	17176	7.93	cps
Boron	11-1	76821	82549	87297	82222	6.38	cps
Bromine	81-1	19404	21770	21599	20924	6.31	cps
Cadmium	111-1	180894	175007	180434	178778	1.83	cps
Cadmium	106-1	25132	24347	24439	24639	1.74	cps
Cadmium	108-1	14758	14704	14787	14750	0.29	cps
Calcium	43-1	312622	312040	314461	313041	0.40	cps
Calcium	44-1	5060128	5129822	4994200	5061383	1.34	cps
Carbon	12-1	4747523	4707218	4928746	4794496	2.46	cps
Carbon	12-2	50179	52302	50947	51143	2.10	cps
Chlorine	35-1	306137	305153	302646	304645	0.59	cps
Chlorine	35-2	1658	1925	1692	1758	8.26	cps
Chromium	52-2	257571	254707	252370	254883	1.02	cps
Cobalt	59-2	458611	457552	452543	456235	0.71	cps
Copper	63-2	3420381	3568873	3453951	3481068	2.24	cps
Dysprosium	156-1	58	42	42	47	20.38	cps
Dysprosium	156-2	33	20	7	20	66.65	cps
Erbium	164-1	50	125	50	75	57.74	cps
Erbium	164-2	50	23	20	31	52.86	cps
Gadolinium	160-1	100	50	67	72	35.25	cps
Gadolinium	160-2	97	80	73	83	14.43	cps
Holmium	165-1	7980072	8134234	8520137	8211481	3.39	cps
Holmium	165-2	4140374	4205523	4142942	4162946	0.89	cps
Indium	115-1	8265642	7966352	8180433	8137476	1.89	cps
Indium	115-2	1291505	1298083	1266291	1285293	1.31	cps
Iron	54-2	570459	561628	551349	561145	1.70	cps
Iron	56-2	10378771	9851946	10016756	10082491	2.67	cps
Iron	57-2	254577	247199	244965	248914	2.02	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:07:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	907	867	900	3.39	cps
Lead	206-1	2236609	2272882	2286709	2265400	1.14	cps
Lead	207-1	2025259	2042332	2064898	2044163	0.97	cps
Lead	208-1	8969840	9245419	9335830	9183696	2.08	cps
Lithium	6-1	2827393	2751104	2815833	2798110	1.47	cps
Magnesium	24-2	1970948	1954706	1981541	1969065	0.69	cps
Manganese	55-2	1272507	1276163	1263485	1270718	0.51	cps
Molybdenum	94-1	3359072	3278146	3219220	3285479	2.14	cps
Molybdenum	95-1	4800299	4748746	4550005	4699683	2.81	cps
Molybdenum	96-1	5207716	5163311	5007675	5126234	2.05	cps
Molybdenum	97-1	3074928	2887228	2837691	2933282	4.27	cps
Molybdenum	98-1	7618353	7412232	7205980	7412188	2.78	cps
Neodymium	150-1	60	60	60	60	0.00	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	123945	124748	122540	123744	0.90	cps
Phosphorus	31-2	7052	6402	6718	6724	4.84	cps
Potassium	39-2	781124	787703	787315	785381	0.47	cps
Rhodium	103-1	8069745	7610274	7941463	7873827	3.01	cps
Rhodium	103-2	3862379	3861696	3692654	3805577	2.57	cps
Scandium	45-1	6898369	6622756	6564820	6695315	2.66	cps
Scandium	45-2	209264	210085	206663	208671	0.86	cps
Selenium	82-1	15067	15227	15301	15198	0.79	cps
Selenium	77-2	513	440	393	449	13.48	cps
Selenium	78-2	1595	1588	1632	1605	1.47	cps
Silicon	28-1	1296703	1358736	1338015	1331151	2.37	cps
Silver	107-1	961140	994339	995060	983513	1.97	cps
Silver	109-1	919011	909601	930107	919573	1.12	cps
Sodium	23-2	3760160	3785646	3778062	3774623	0.35	cps
Strontium	86-1	3016715	3056967	3027951	3033878	0.68	cps
Strontium	88-1	25285162	25306084	25766866	25452704	1.07	cps
Sulfur	34-1	529127	540383	533738	534416	1.06	cps
Terbium	159-1	8791454	8633429	8695207	8706697	0.91	cps
Terbium	159-2	4264853	4234615	4024191	4174553	3.14	cps
Thallium	203-1	540821	531906	538170	536966	0.85	cps
Thallium	205-1	1238149	1258756	1288402	1261769	2.00	cps
Tin	118-1	653644	650850	659684	654726	0.69	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:07:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1652700	1626709	1561584	1613665	2.91	cps
Uranium	238-1	1589339	1518339	1538795	1548825	2.36	cps
Vanadium	51-2	211547	211205	207180	209977	1.16	cps
Ytterbium	172-1	33	58	17	36	58.07	cps
Ytterbium	172-2	6	0	0	2	173.21	cps
Ytterbium	176-1	3467	3217	3142	3276	5.20	cps
Ytterbium	176-2	6157	6869	6780	6602	5.87	cps
Yttrium	89-1	13755709	12998718	14059814	13604747	4.02	cps
Yttrium	89-2	1505277	1457628	1422716	1461874	2.83	cps
Zinc	66-2	379771	375890	368003	374555	1.60	cps
Zirconium	90-1	1533403	1598321	1599468	1577064	2.40	cps
Zirconium	91-1	345527	351365	354199	350364	1.26	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:10:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253692	249729	248951	250791	1.01	cps
Antimony	121-1	1489963	1484859	1480107	1484976	0.33	cps
Arsenic	75-2	45132	45161	45544	45279	0.51	cps
Barium	135-1	1953008	1914734	1939758	1935833	1.00	cps
Barium	137-1	3191415	3342961	3296254	3276877	2.37	cps
Beryllium	9-1	365674	367522	362511	365235	0.69	cps
Bismuth	209-1	4507241	4738200	4306284	4517242	4.78	cps
Bismuth	209-2	2695848	2726893	2785303	2736015	1.66	cps
Boron	10-1	32319	34947	36198	34488	5.74	cps
Boron	11-1	156174	171381	176329	167961	6.25	cps
Bromine	81-1	20537	20907	20536	20660	1.04	cps
Cadmium	111-1	352918	349934	362085	354979	1.78	cps
Cadmium	106-1	44348	44205	47433	45329	4.02	cps
Cadmium	108-1	29198	29290	28851	29113	0.79	cps
Calcium	43-1	621124	631149	633697	628657	1.06	cps
Calcium	44-1	10083816	10067768	10356075	10169220	1.59	cps
Carbon	12-1	4943527	5025073	5142670	5037090	1.99	cps
Carbon	12-2	54753	55673	55313	55247	0.84	cps
Chlorine	35-1	298985	295802	288407	294398	1.84	cps
Chlorine	35-2	1650	1700	1608	1653	2.78	cps
Chromium	52-2	503825	496747	497733	499435	0.77	cps
Cobalt	59-2	886880	884284	894800	888655	0.62	cps
Copper	63-2	6852039	6762746	6774927	6796571	0.71	cps
Dysprosium	156-1	108	92	67	89	23.59	cps
Dysprosium	156-2	33	20	37	30	29.40	cps
Erbium	164-1	50	92	58	67	33.07	cps
Erbium	164-2	43	23	33	33	30.00	cps
Gadolinium	160-1	58	92	108	86	29.56	cps
Gadolinium	160-2	83	93	90	89	5.73	cps
Holmium	165-1	8022324	8663483	7598455	8094754	6.62	cps
Holmium	165-2	4054426	4128552	4094879	4092619	0.91	cps
Indium	115-1	8162146	8029596	7551571	7914438	4.06	cps
Indium	115-2	1254773	1256125	1242267	1251055	0.61	cps
Iron	54-2	1061592	1066178	1059578	1062449	0.32	cps
Iron	56-2	19856438	19446819	19222931	19508729	1.65	cps
Iron	57-2	484945	483825	476015	481595	1.01	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:10:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	893	877	800	857	5.81	cps
Lead	206-1	4501403	4683088	4687957	4624149	2.30	cps
Lead	207-1	3851191	4116343	4047456	4004997	3.44	cps
Lead	208-1	17616921	18801321	18471390	18296544	3.34	cps
Lithium	6-1	2990322	2821311	2586652	2799428	7.24	cps
Magnesium	24-2	3699265	3758809	3786736	3748270	1.19	cps
Manganese	55-2	2490706	2436643	2493313	2473554	1.29	cps
Molybdenum	94-1	6314342	6367741	6484765	6388949	1.36	cps
Molybdenum	95-1	9187733	9206018	9369218	9254323	1.08	cps
Molybdenum	96-1	10236484	10094100	10327691	10219425	1.15	cps
Molybdenum	97-1	5796769	5681255	5712307	5730110	1.04	cps
Molybdenum	98-1	14951346	14489201	15024119	14821556	1.96	cps
Neodymium	150-1	80	107	87	91	15.23	cps
Neodymium	150-2	7	3	23	11	96.43	cps
Nickel	60-2	238224	237199	236111	237178	0.45	cps
Phosphorus	31-2	13365	12431	13548	13115	4.57	cps
Potassium	39-2	1507369	1486233	1456002	1483201	1.74	cps
Rhodium	103-1	7999006	7869440	7167678	7678708	5.82	cps
Rhodium	103-2	3664842	3703769	3643349	3670653	0.83	cps
Scandium	45-1	6845978	7030632	6261418	6712676	5.98	cps
Scandium	45-2	203969	202518	202237	202908	0.46	cps
Selenium	82-1	29807	29596	30365	29923	1.33	cps
Selenium	77-2	827	833	850	837	1.44	cps
Selenium	78-2	3044	3016	3079	3046	1.04	cps
Silicon	28-1	1873055	1936287	1950237	1919860	2.14	cps
Silver	107-1	1947575	1987962	2060727	1998755	2.87	cps
Silver	109-1	1878016	1822812	1839044	1846624	1.54	cps
Sodium	23-2	7265466	7343899	7237281	7282215	0.76	cps
Strontium	86-1	5988859	5890036	6173928	6017608	2.39	cps
Strontium	88-1	50833511	50133520	50855582	50607538	0.81	cps
Sulfur	34-1	629912	635377	636787	634025	0.57	cps
Terbium	159-1	9307522	9065218	8405178	8925973	5.23	cps
Terbium	159-2	4065743	4031618	4042659	4046674	0.43	cps
Thallium	203-1	1099258	1081413	1151428	1110700	3.28	cps
Thallium	205-1	2607825	2657294	2682359	2649159	1.43	cps
Tin	118-1	1306176	1308841	1285096	1300038	1.00	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:10:49	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3206443	3184735	3254824	3215334	1.12	cps
Uranium	238-1	3202204	3284833	3246371	3244469	1.27	cps
Vanadium	51-2	405363	403971	401009	403448	0.55	cps
Ytterbium	172-1	33	42	50	42	20.00	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	5585	6243	5843	5890	5.63	cps
Ytterbium	176-2	7102	7908	7719	7576	5.56	cps
Yttrium	89-1	13791054	13491915	12212304	13165091	6.37	cps
Yttrium	89-2	1421543	1424594	1426168	1424102	0.17	cps
Zinc	66-2	727092	715639	722326	721686	0.80	cps
Zirconium	90-1	3194327	3053072	3067057	3104819	2.51	cps
Zirconium	91-1	689238	697177	693061	693159	0.57	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:13:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500728	494922	501648	499099	0.73	cps
Antimony	121-1	2961805	2943482	2930689	2945325	0.53	cps
Arsenic	75-2	90570	90061	89624	90085	0.53	cps
Barium	135-1	3741045	3857835	3755346	3784742	1.68	cps
Barium	137-1	6538820	6472589	6564168	6525192	0.72	cps
Beryllium	9-1	713368	721759	729853	721660	1.14	cps
Bismuth	209-1	4609127	4487443	4628125	4574898	1.67	cps
Bismuth	209-2	2595714	2724134	2673396	2664415	2.43	cps
Boron	10-1	65281	68728	72466	68825	5.22	cps
Boron	11-1	317704	335324	351742	334924	5.08	cps
Bromine	81-1	20536	21569	21760	21288	3.09	cps
Cadmium	111-1	698627	704361	709264	704084	0.76	cps
Cadmium	106-1	83026	84929	87337	85097	2.54	cps
Cadmium	108-1	57144	58461	57879	57828	1.14	cps
Calcium	43-1	1293158	1275155	1268163	1278825	1.01	cps
Calcium	44-1	20178731	19598563	20085219	19954171	1.56	cps
Carbon	12-1	5140840	5290917	5564969	5332242	4.03	cps
Carbon	12-2	60675	60325	60877	60626	0.46	cps
Chlorine	35-1	284631	286782	287344	286252	0.50	cps
Chlorine	35-2	1775	1775	1842	1797	2.14	cps
Chromium	52-2	993594	978747	990177	987506	0.79	cps
Cobalt	59-2	1770507	1776180	1827327	1791338	1.75	cps
Copper	63-2	13521357	13308941	13370711	13400336	0.82	cps
Dysprosium	156-1	158	125	142	142	11.77	cps
Dysprosium	156-2	100	83	60	81	24.77	cps
Erbium	164-1	58	92	58	69	27.72	cps
Erbium	164-2	30	37	57	41	33.76	cps
Gadolinium	160-1	150	125	133	136	9.36	cps
Gadolinium	160-2	110	100	123	111	10.54	cps
Holmium	165-1	8427202	8175474	8274251	8292309	1.53	cps
Holmium	165-2	4081320	4120166	4066007	4089165	0.68	cps
Indium	115-1	7571238	7930922	8156233	7886131	3.74	cps
Indium	115-2	1212392	1231291	1219645	1221109	0.78	cps
Iron	54-2	2159673	2161092	2148751	2156505	0.31	cps
Iron	56-2	38476520	39341044	38505213	38774259	1.27	cps
Iron	57-2	959114	955017	957669	957267	0.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:13:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	853	853	890	7.14	cps
Lead	206-1	9253763	9078040	9609363	9313722	2.91	cps
Lead	207-1	7973547	7821981	8173564	7989697	2.21	cps
Lead	208-1	37011275	36000004	37337592	36782957	1.90	cps
Lithium	6-1	2822250	2832005	2827153	2827136	0.17	cps
Magnesium	24-2	7540750	7244614	7364668	7383344	2.02	cps
Manganese	55-2	4792980	4999486	4937286	4909917	2.16	cps
Molybdenum	94-1	12794742	12573884	12582247	12650291	0.99	cps
Molybdenum	95-1	18714464	18891214	18164787	18590155	2.04	cps
Molybdenum	96-1	20474684	20965325	20497916	20645975	1.34	cps
Molybdenum	97-1	11478616	11344344	11466292	11429751	0.65	cps
Molybdenum	98-1	30060145	29558625	29348378	29655716	1.23	cps
Neodymium	150-1	153	200	207	187	15.57	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	475885	467394	467458	470246	1.04	cps
Phosphorus	31-2	25615	25840	25665	25707	0.46	cps
Potassium	39-2	2917704	2837925	2913092	2889574	1.55	cps
Rhodium	103-1	7729810	7532757	7524130	7595566	1.53	cps
Rhodium	103-2	3602305	3622311	3571115	3598577	0.72	cps
Scandium	45-1	6521958	6329276	6591065	6480766	2.09	cps
Scandium	45-2	198695	196283	199273	198084	0.80	cps
Selenium	82-1	59295	59517	59794	59536	0.42	cps
Selenium	77-2	1827	1713	1790	1777	3.26	cps
Selenium	78-2	5945	5794	5981	5907	1.68	cps
Silicon	28-1	3101744	3222874	3358524	3227714	3.98	cps
Silver	107-1	3777947	3758973	3985120	3840680	3.27	cps
Silver	109-1	3696669	3737789	3577881	3670779	2.26	cps
Sodium	23-2	14635482	14180158	14224570	14346737	1.75	cps
Strontium	86-1	11825296	11590979	12149065	11855113	2.36	cps
Strontium	88-1	99713950	100147850	103760106	101207302	2.19	cps
Sulfur	34-1	828044	823572	832861	828159	0.56	cps
Terbium	159-1	8801735	8715279	8693085	8736700	0.66	cps
Terbium	159-2	4059064	4093226	4090835	4081042	0.47	cps
Thallium	203-1	2234424	2319701	2271400	2275175	1.88	cps
Thallium	205-1	5187429	5348040	5415634	5317034	2.20	cps
Tin	118-1	2566101	2596407	2644816	2602441	1.53	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:13:53	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6257983	6122423	6203553	6194653	1.10	cps
Uranium	238-1	6497512	6464925	6359884	6440774	1.12	cps
Vanadium	51-2	814062	812333	813941	813445	0.12	cps
Ytterbium	172-1	8	17	33	19	65.47	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	10438	10279	10062	10260	1.84	cps
Ytterbium	176-2	9898	10454	10243	10199	2.75	cps
Yttrium	89-1	13206246	13392312	13732058	13443539	1.98	cps
Yttrium	89-2	1414344	1406274	1385819	1402146	1.05	cps
Zinc	66-2	1385133	1423117	1416590	1408280	1.44	cps
Zirconium	90-1	6111007	6319048	6272422	6234159	1.75	cps
Zirconium	91-1	1398280	1389131	1409141	1398851	0.72	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:16:58 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1007863	1004586	1008777	1007075	0.22	cps
Antimony	121-1	5974276	5916418	6189732	6026809	2.39	cps
Arsenic	75-2	179718	179082	179324	179375	0.18	cps
Barium	135-1	7842045	7700486	7751915	7764816	0.92	cps
Barium	137-1	13068071	13100276	13042320	13070222	0.22	cps
Beryllium	9-1	1453764	1434239	1442997	1443667	0.68	cps
Bismuth	209-1	4693247	4621655	4631721	4648874	0.83	cps
Bismuth	209-2	2696636	2707339	2726765	2710247	0.56	cps
Boron	10-1	137664	140603	146495	141587	3.18	cps
Boron	11-1	645181	696156	709802	683713	4.98	cps
Bromine	81-1	21038	20346	20777	20720	1.69	cps
Cadmium	111-1	1387247	1405822	1404398	1399156	0.74	cps
Cadmium	106-1	166035	170678	168528	168413	1.38	cps
Cadmium	108-1	116719	116765	115947	116477	0.39	cps
Calcium	43-1	2586544	2559951	2576753	2574416	0.52	cps
Calcium	44-1	40656587	38963311	40478320	40032739	2.32	cps
Carbon	12-1	5946605	5861667	6347454	6051909	4.29	cps
Carbon	12-2	69800	72170	73174	71715	2.42	cps
Chlorine	35-1	285302	285573	278449	283108	1.43	cps
Chlorine	35-2	1767	1475	1625	1622	8.99	cps
Chromium	52-2	1983188	2023866	2038668	2015241	1.43	cps
Cobalt	59-2	3470442	3524375	3527232	3507350	0.91	cps
Copper	63-2	27536702	26744272	26808614	27029863	1.63	cps
Dysprosium	156-1	250	300	233	261	13.29	cps
Dysprosium	156-2	127	160	120	136	15.81	cps
Erbium	164-1	92	75	100	89	14.32	cps
Erbium	164-2	50	47	57	51	9.96	cps
Gadolinium	160-1	258	217	308	261	17.58	cps
Gadolinium	160-2	117	220	193	177	30.36	cps
Holmium	165-1	8722033	8658943	8632770	8671249	0.53	cps
Holmium	165-2	4242079	4248581	4206835	4232498	0.53	cps
Indium	115-1	7957060	8196022	7975223	8042768	1.65	cps
Indium	115-2	1218555	1210992	1227829	1219125	0.69	cps
Iron	54-2	4193788	4274226	4274738	4247584	1.10	cps
Iron	56-2	76832777	76955660	77576796	77121744	0.52	cps
Iron	57-2	1941340	1965007	1930287	1945545	0.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:16:58	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	993	890	950	5.65	cps
Lead	206-1	18986548	19144646	18846812	18992668	0.78	cps
Lead	207-1	16332805	16643619	16293902	16423442	1.17	cps
Lead	208-1	74778692	75729114	74998776	75168861	0.66	cps
Lithium	6-1	2843513	2885476	2991459	2906816	2.62	cps
Magnesium	24-2	14937975	14653575	14978403	14856651	1.19	cps
Manganese	55-2	9655901	9725874	9662268	9681348	0.40	cps
Molybdenum	94-1	25780728	25942406	26684760	26135965	1.84	cps
Molybdenum	95-1	37864399	37668672	38524064	38019045	1.18	cps
Molybdenum	96-1	41860664	41042585	42391272	41764841	1.63	cps
Molybdenum	97-1	23076716	22940523	23520860	23179366	1.31	cps
Molybdenum	98-1	59558003	60331806	59958303	59949371	0.65	cps
Neodymium	150-1	347	313	280	313	10.64	cps
Neodymium	150-2	37	40	27	34	20.14	cps
Nickel	60-2	926120	927108	932225	928484	0.35	cps
Phosphorus	31-2	52061	51601	50263	51308	1.82	cps
Potassium	39-2	5712050	5756438	5721472	5729986	0.41	cps
Rhodium	103-1	7616709	7702476	7509188	7609458	1.27	cps
Rhodium	103-2	3606961	3659907	3610006	3625624	0.82	cps
Scandium	45-1	6744099	6502071	6634657	6626942	1.83	cps
Scandium	45-2	197300	199572	199116	198663	0.61	cps
Selenium	82-1	116978	115861	117406	116748	0.68	cps
Selenium	77-2	3310	3530	3417	3419	3.22	cps
Selenium	78-2	11764	11707	11518	11663	1.11	cps
Silicon	28-1	5145590	5308232	5390526	5281449	2.36	cps
Silver	107-1	7719073	7835863	7783318	7779418	0.75	cps
Silver	109-1	7330195	7193475	7242288	7255319	0.95	cps
Sodium	23-2	28837619	29002520	28857400	28899180	0.31	cps
Strontium	86-1	23844314	24093204	24126915	24021478	0.64	cps
Strontium	88-1	208182780	205124130	206242034	206516314	0.75	cps
Sulfur	34-1	1042571	1042039	1028177	1037596	0.79	cps
Terbium	159-1	8998146	9319490	9522863	9280166	2.85	cps
Terbium	159-2	4138464	4016089	4184687	4113080	2.12	cps
Thallium	203-1	4546933	4573382	4583161	4567825	0.41	cps
Thallium	205-1	10779212	10861979	10843299	10828163	0.40	cps
Tin	118-1	5151724	5302579	5404966	5286423	2.41	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:16:58	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12460285	12474294	12562697	12499092	0.44	cps
Uranium	238-1	13202019	13405327	13301409	13302918	0.76	cps
Vanadium	51-2	1634660	1633967	1655819	1641482	0.76	cps
Ytterbium	172-1	17	42	42	33	43.30	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	21117	21193	20575	20962	1.61	cps
Ytterbium	176-2	15109	15020	15904	15344	3.17	cps
Yttrium	89-1	13764836	13367049	13264420	13465435	1.96	cps
Yttrium	89-2	1403650	1390672	1446322	1413548	2.06	cps
Zinc	66-2	2835607	2788415	2805077	2809700	0.85	cps
Zirconium	90-1	12484852	12525555	12470772	12493726	0.23	cps
Zirconium	91-1	2744842	2806614	2829146	2793534	1.56	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:20:02	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4786947	4814732	4730367	4777349	0.90	cps
Antimony	121-1	7185	6377	5326	6296	14.81	cps
Arsenic	75-2	75	75	90	80	10.82	cps
Barium	135-1	5968	3292	1867	3709	56.14	cps
Barium	137-1	9971	5443	3917	6444	48.86	cps
Beryllium	9-1	928	558	274	587	55.90	cps
Bismuth	209-1	4215499	4296394	4096296	4202730	2.40	cps
Bismuth	209-2	2374925	2474449	2464480	2437951	2.25	cps
Boron	10-1	19823	18582	17457	18621	6.36	cps
Boron	11-1	97838	91064	84652	91185	7.23	cps
Bromine	81-1	21990	21519	22141	21883	1.48	cps
Cadmium	111-1	1045	724	548	773	32.60	cps
Cadmium	106-1	3484	3426	3075	3328	6.64	cps
Cadmium	108-1	225	133	67	142	56.11	cps
Calcium	43-1	11149381	11735112	11332720	11405738	2.63	cps
Calcium	44-1	178470332	190655773	184457928	184528011	3.30	cps
Carbon	12-1	5100038	5065012	4973819	5046290	1.29	cps
Carbon	12-2	58116	59396	56626	58046	2.39	cps
Chlorine	35-1	269842	273713	274981	272845	0.98	cps
Chlorine	35-2	1458	1892	1767	1706	13.08	cps
Chromium	52-2	3931	3994	4294	4073	4.77	cps
Cobalt	59-2	4784	4898	4988	4890	2.08	cps
Copper	63-2	7029	7676	8296	7667	8.27	cps
Dysprosium	156-1	1175	1142	1225	1181	3.55	cps
Dysprosium	156-2	467	397	400	421	9.38	cps
Erbium	164-1	183	117	158	153	22.04	cps
Erbium	164-2	87	73	57	72	20.81	cps
Gadolinium	160-1	800	1083	1167	1017	18.91	cps
Gadolinium	160-2	523	500	597	540	9.34	cps
Holmium	165-1	8090913	8319001	8188063	8199326	1.40	cps
Holmium	165-2	3936004	4070995	4041736	4016245	1.77	cps
Indium	115-1	7726012	7656570	7431165	7604582	2.03	cps
Indium	115-2	1152942	1172560	1191466	1172323	1.64	cps
Iron	54-2	19362911	19275828	19517320	19385353	0.63	cps
Iron	56-2	354529575	351976452	357775575	354760534	0.82	cps
Iron	57-2	8943834	8846385	8938210	8909476	0.61	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:20:02	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	950	870	898	5.04	cps
Lead	206-1	15365	11183	8147	11565	31.34	cps
Lead	207-1	14331	10088	7302	10574	33.47	cps
Lead	208-1	64863	44550	32789	47401	34.23	cps
Lithium	6-1	2742194	2763801	2671789	2725928	1.77	cps
Magnesium	24-2	68456568	69868064	68993958	69106197	1.03	cps
Manganese	55-2	5655	5434	5758	5616	2.94	cps
Molybdenum	94-1	17663	9880	5143	10895	58.02	cps
Molybdenum	95-1	22296	11975	4901	13057	67.00	cps
Molybdenum	96-1	33619	21964	12798	22794	45.78	cps
Molybdenum	97-1	14951	7754	2892	8532	71.11	cps
Molybdenum	98-1	38828	18386	7402	21539	74.04	cps
Neodymium	150-1	67	67	67	67	0.00	cps
Neodymium	150-2	10	3	27	13	90.16	cps
Nickel	60-2	1253	1243	1383	1293	6.04	cps
Phosphorus	31-2	225	125	175	175	28.57	cps
Potassium	39-2	26447403	27121128	27038439	26868990	1.37	cps
Rhodium	103-1	7208122	7075801	6899748	7061224	2.19	cps
Rhodium	103-2	3201631	3328806	3378636	3303024	2.76	cps
Scandium	45-1	6506379	6554013	6402565	6487653	1.19	cps
Scandium	45-2	189542	194414	197087	193681	1.98	cps
Selenium	82-1	201	146	214	187	19.33	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	57	45	70	57	21.81	cps
Silicon	28-1	1230366	1265257	1270179	1255267	1.73	cps
Silver	107-1	2475	2392	2059	2309	9.55	cps
Silver	109-1	2875	2234	1834	2314	22.71	cps
Sodium	23-2	135125495	133434682	133897436	134152538	0.65	cps
Strontium	86-1	24899	19490	14600	19663	26.20	cps
Strontium	88-1	209776	152712	118847	160445	28.64	cps
Sulfur	34-1	402181	399687	402168	401345	0.36	cps
Terbium	159-1	8831527	8976296	8876495	8894773	0.83	cps
Terbium	159-2	4028115	4001326	4068700	4032713	0.84	cps
Thallium	203-1	2725	1642	908	1759	51.98	cps
Thallium	205-1	6786	3676	1825	4096	61.20	cps
Tin	118-1	3709	2284	1667	2553	41.02	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:20:02	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6127	2876	1150	3384	74.67	cps
Uranium	238-1	6160	3017	917	3365	78.43	cps
Vanadium	51-2	407	483	500	463	10.74	cps
Ytterbium	172-1	133	125	100	119	14.53	cps
Ytterbium	172-2	67	28	61	52	40.56	cps
Ytterbium	176-1	1150	842	925	972	16.41	cps
Ytterbium	176-2	4873	4901	5490	5088	6.85	cps
Yttrium	89-1	12921581	13248121	12711257	12960320	2.09	cps
Yttrium	89-2	1351234	1363469	1388597	1367767	1.39	cps
Zinc	66-2	3724	3914	4127	3922	5.15	cps
Zirconium	90-1	11505	8036	5485	8342	36.23	cps
Zirconium	91-1	2209	1583	1300	1697	27.39	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : ICV078 Instrumnet Name : P8
 Client Sample ID : ICV078 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:36:02 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26404	26518	25974	26299	1.09	cps
Antimony	121-1	1172730	1165983	1176021	1171578	0.44	cps
Arsenic	75-2	37533	38052	37843	37809	0.69	cps
Barium	135-1	150542	149770	147452	149255	1.08	cps
Barium	137-1	245125	258549	261047	254907	3.36	cps
Beryllium	9-1	141594	141796	143972	142454	0.93	cps
Bismuth	209-1	4471572	4431252	4544083	4482302	1.28	cps
Bismuth	209-2	2689126	2751394	2788708	2743076	1.83	cps
Boron	10-1	2488	2464	2604	2518	2.97	cps
Boron	11-1	12255	12359	11740	12118	2.73	cps
Bromine	81-1	21649	21990	22231	21957	1.33	cps
Cadmium	111-1	141788	143351	141745	142295	0.64	cps
Cadmium	106-1	16560	16886	16193	16546	2.09	cps
Cadmium	108-1	10012	10754	10233	10333	3.69	cps
Calcium	43-1	47461	47936	47283	47560	0.71	cps
Calcium	44-1	785927	803146	806298	798457	1.37	cps
Carbon	12-1	4394878	4543084	4605555	4514506	2.40	cps
Carbon	12-2	50128	47060	48824	48671	3.16	cps
Chlorine	35-1	241841	238707	242682	241077	0.87	cps
Chlorine	35-2	1333	1483	1458	1425	5.64	cps
Chromium	52-2	210090	208946	204687	207908	1.37	cps
Cobalt	59-2	370642	370952	369927	370507	0.14	cps
Copper	63-2	279955	280760	274501	278405	1.22	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	100	58	67	45.07	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	8	42	33	28	62.46	cps
Gadolinium	160-2	87	70	43	67	32.79	cps
Holmium	165-1	8090244	8120396	8377460	8196034	1.93	cps
Holmium	165-2	4040535	4105426	4078328	4074763	0.80	cps
Indium	115-1	8016556	7836494	7702029	7851693	2.01	cps
Indium	115-2	1272226	1285977	1287083	1281762	0.65	cps
Iron	54-2	175567	173239	174542	174449	0.67	cps
Iron	56-2	3218456	3234823	3177982	3210420	0.91	cps
Iron	57-2	78309	77370	77487	77722	0.66	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICV078	Instrumnet Name :	P8
Client Sample ID :	ICV078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:36:02	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	993	930	969	3.51	cps
Lead	206-1	763685	771160	757156	764000	0.92	cps
Lead	207-1	637585	654803	652241	648210	1.43	cps
Lead	208-1	2972922	3108676	3035523	3039040	2.24	cps
Lithium	6-1	2845506	2823867	2661240	2776871	3.63	cps
Magnesium	24-2	177297	181143	172125	176855	2.56	cps
Manganese	55-2	102948	102055	99943	101649	1.52	cps
Molybdenum	94-1	2042	1934	1892	1956	3.96	cps
Molybdenum	95-1	467	450	300	406	22.63	cps
Molybdenum	96-1	933	933	783	883	9.80	cps
Molybdenum	97-1	317	208	200	242	26.93	cps
Molybdenum	98-1	800	617	633	683	14.84	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	104107	105243	103715	104355	0.76	cps
Phosphorus	31-2	133	150	158	147	8.65	cps
Potassium	39-2	255329	258044	253979	255784	0.81	cps
Rhodium	103-1	7716665	7724898	7764161	7735241	0.33	cps
Rhodium	103-2	3710857	3722287	3817834	3750326	1.57	cps
Scandium	45-1	6831690	6702290	6664761	6732914	1.30	cps
Scandium	45-2	205584	207042	207758	206795	0.54	cps
Selenium	82-1	24162	24946	24623	24577	1.60	cps
Selenium	77-2	760	800	693	751	7.17	cps
Selenium	78-2	2622	2629	2577	2609	1.08	cps
Silicon	28-1	680878	679922	686724	682508	0.54	cps
Silver	107-1	382655	372197	380876	378576	1.48	cps
Silver	109-1	353657	347103	366766	355842	2.81	cps
Sodium	23-2	610267	614894	605317	610159	0.78	cps
Strontium	86-1	2309	2234	2159	2234	3.36	cps
Strontium	88-1	6794	6944	6944	6894	1.26	cps
Sulfur	34-1	420036	421350	424323	421903	0.52	cps
Terbium	159-1	8715461	8791309	8665923	8724231	0.72	cps
Terbium	159-2	3962712	4104357	4038042	4035037	1.76	cps
Thallium	203-1	968449	972638	978153	973080	0.50	cps
Thallium	205-1	2306032	2430105	2392344	2376161	2.68	cps
Tin	118-1	1433	1500	1675	1536	8.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICV078	Instrumnet Name :	P8
Client Sample ID :	ICV078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:36:02	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	342	342	356	6.77	cps
Uranium	238-1	108	117	83	103	16.88	cps
Vanadium	51-2	166336	164912	164012	165087	0.71	cps
Ytterbium	172-1	67	25	8	33	90.15	cps
Ytterbium	172-2	17	17	6	13	49.47	cps
Ytterbium	176-1	950	850	825	875	7.56	cps
Ytterbium	176-2	5418	5162	5234	5272	2.50	cps
Yttrium	89-1	13195408	13299879	13231427	13242238	0.40	cps
Yttrium	89-2	1413800	1464142	1450877	1442940	1.81	cps
Zinc	66-2	60870	60385	62226	61160	1.56	cps
Zirconium	90-1	5084	5034	5134	5084	0.98	cps
Zirconium	91-1	1250	1075	1108	1145	8.12	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : ICB078 Instrumnet Name : P8
 Client Sample ID : ICB078 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:41:47 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105	121	121	116	8.10	cps
Antimony	121-1	308	358	442	369	18.23	cps
Arsenic	75-2	6	9	7	7	20.83	cps
Barium	135-1	25	33	42	33	25.01	cps
Barium	137-1	92	33	92	72	46.64	cps
Beryllium	9-1	124	98	94	105	15.47	cps
Bismuth	209-1	4371914	4396443	4355380	4374579	0.47	cps
Bismuth	209-2	2688338	2680581	2722005	2696974	0.82	cps
Boron	10-1	2132	2130	2068	2110	1.72	cps
Boron	11-1	10232	9865	10160	10086	1.92	cps
Bromine	81-1	22151	21960	21318	21810	2.00	cps
Cadmium	111-1	304	327	308	313	3.90	cps
Cadmium	106-1	2817	3142	2942	2967	5.53	cps
Cadmium	108-1	33	29	33	32	7.52	cps
Calcium	43-1	210	254	262	242	11.62	cps
Calcium	44-1	26775	26807	26993	26858	0.44	cps
Carbon	12-1	4117377	4222325	4159081	4166261	1.27	cps
Carbon	12-2	45095	43841	44962	44633	1.54	cps
Chlorine	35-1	223229	223604	218171	221668	1.37	cps
Chlorine	35-2	1342	1275	1475	1364	7.47	cps
Chromium	52-2	880	1040	1010	977	8.71	cps
Cobalt	59-2	77	43	63	61	27.46	cps
Copper	63-2	643	747	667	686	7.91	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	25	58	50	44.10	cps
Erbium	164-2	27	23	23	24	7.89	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	43	90	50	61	41.30	cps
Holmium	165-1	8113831	8185350	8139877	8146353	0.44	cps
Holmium	165-2	4227135	4058453	4009761	4098450	2.78	cps
Indium	115-1	7685400	8211275	7884691	7927122	3.35	cps
Indium	115-2	1267952	1273738	1262922	1268204	0.43	cps
Iron	54-2	422	544	567	511	15.22	cps
Iron	56-2	3545	3417	3478	3480	1.84	cps
Iron	57-2	272	250	244	256	5.75	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : ICB078 Instrumnet Name : P8
 Client Sample ID : ICB078 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:41:47 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	1073	837	954	12.40	cps
Lead	206-1	650	706	778	711	9.01	cps
Lead	207-1	594	578	600	591	1.96	cps
Lead	208-1	2717	2784	2989	2830	5.02	cps
Lithium	6-1	2773546	2669723	2698519	2713929	1.97	cps
Magnesium	24-2	642	725	483	617	19.91	cps
Manganese	55-2	63	57	47	56	15.09	cps
Molybdenum	94-1	242	342	417	333	26.34	cps
Molybdenum	95-1	108	58	117	94	33.40	cps
Molybdenum	96-1	267	267	258	264	1.82	cps
Molybdenum	97-1	75	83	33	64	41.93	cps
Molybdenum	98-1	200	225	192	206	8.44	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	137	110	109	26.04	cps
Phosphorus	31-2	158	175	175	169	5.68	cps
Potassium	39-2	21274	22268	21475	21672	2.42	cps
Rhodium	103-1	7703948	7868858	7964963	7845923	1.68	cps
Rhodium	103-2	3800699	3703138	3707094	3736977	1.48	cps
Scandium	45-1	6544035	6595135	6566364	6568511	0.39	cps
Scandium	45-2	205133	203323	206947	205134	0.88	cps
Selenium	82-1	-38	-177	29	-62	-168.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	59	56	58	2.99	cps
Silicon	28-1	666910	671892	671236	670013	0.40	cps
Silver	107-1	267	275	250	264	4.82	cps
Silver	109-1	258	208	217	228	11.76	cps
Sodium	23-2	18036	17594	16977	17536	3.03	cps
Strontium	86-1	1458	1267	1508	1411	9.04	cps
Strontium	88-1	258	250	267	258	3.23	cps
Sulfur	34-1	432355	424378	422877	426537	1.19	cps
Terbium	159-1	8382875	8609531	8583094	8525167	1.45	cps
Terbium	159-2	4126566	4030633	4028754	4061984	1.38	cps
Thallium	203-1	333	500	408	414	20.17	cps
Thallium	205-1	750	892	908	850	10.24	cps
Tin	118-1	600	558	392	517	21.34	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICB078	Instrumnet Name :	P8
Client Sample ID :	ICB078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:41:47	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	158	300	222	32.33	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	3	10	0	4	114.60	cps
Ytterbium	172-1	58	33	33	42	34.64	cps
Ytterbium	172-2	11	6	11	9	34.60	cps
Ytterbium	176-1	858	725	667	750	13.10	cps
Ytterbium	176-2	5712	5668	5429	5603	2.72	cps
Yttrium	89-1	13105755	13662257	12832505	13200172	3.20	cps
Yttrium	89-2	1457517	1430332	1437784	1441877	0.97	cps
Zinc	66-2	147	160	133	147	9.09	cps
Zirconium	90-1	733	850	817	800	7.51	cps
Zirconium	91-1	175	175	167	172	2.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSA078	Instrumnet Name :	P8
Client Sample ID :	ICSA078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:44:49	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4592677	4641363	4603168	4612403	0.56	cps
Antimony	121-1	7702	7427	6802	7311	6.31	cps
Arsenic	75-2	73	66	28	56	43.50	cps
Barium	135-1	2234	2267	2109	2203	3.79	cps
Barium	137-1	4009	3942	3784	3912	2.96	cps
Beryllium	9-1	514	492	520	509	2.90	cps
Bismuth	209-1	4450445	4532337	4479527	4487436	0.93	cps
Bismuth	209-2	2692792	2611010	2635373	2646392	1.59	cps
Boron	10-1	2310	2374	2234	2306	3.04	cps
Boron	11-1	11444	11012	10944	11133	2.44	cps
Bromine	81-1	22060	22672	22842	22525	1.83	cps
Cadmium	111-1	745	772	794	770	3.19	cps
Cadmium	106-1	2800	3242	3284	3109	8.62	cps
Cadmium	108-1	1258	1200	1192	1217	2.99	cps
Calcium	43-1	2331109	2337520	2370104	2346244	0.89	cps
Calcium	44-1	38453471	36984223	38349635	37929110	2.16	cps
Carbon	12-1	23294679	24421138	24847765	24187860	3.32	cps
Carbon	12-2	269459	270666	271373	270499	0.36	cps
Chlorine	35-1	7478547	9238010	11426458	9381005	21.08	cps
Chlorine	35-2	97167	108405	116668	107413	9.11	cps
Chromium	52-2	39257	38806	39047	39037	0.58	cps
Cobalt	59-2	4184	3971	3954	4036	3.18	cps
Copper	63-2	20144	19917	19487	19850	1.68	cps
Dysprosium	156-1	25	0	42	22	94.38	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	83	100	100	94	10.18	cps
Erbium	164-2	20	33	30	28	24.98	cps
Gadolinium	160-1	58	67	92	72	24.02	cps
Gadolinium	160-2	30	53	80	54	45.95	cps
Holmium	165-1	8469329	8747320	8469618	8562089	1.87	cps
Holmium	165-2	4108788	4118615	4266794	4164732	2.13	cps
Indium	115-1	8051083	8026640	7836485	7971403	1.47	cps
Indium	115-2	1229684	1225245	1236816	1230582	0.47	cps
Iron	54-2	8254696	8017960	8093484	8122046	1.49	cps
Iron	56-2	147937670	148747270	146103537	147596159	0.92	cps
Iron	57-2	3693520	3711303	3745308	3716710	0.71	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSA078	Instrumnet Name :	P8
Client Sample ID :	ICSA078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:44:49	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	887	893	877	886	0.95	cps
Lead	206-1	16489	16277	16438	16401	0.67	cps
Lead	207-1	13218	13207	13441	13289	0.99	cps
Lead	208-1	62766	63262	63122	63050	0.41	cps
Lithium	6-1	2784606	2820465	2710434	2771835	2.02	cps
Magnesium	24-2	13720221	13975389	13740014	13811875	1.03	cps
Manganese	55-2	7702	7305	7379	7462	2.83	cps
Molybdenum	94-1	3809487	3684465	3766077	3753343	1.69	cps
Molybdenum	95-1	6667502	6371937	6531932	6523790	2.27	cps
Molybdenum	96-1	7043414	6850956	7128174	7007515	2.03	cps
Molybdenum	97-1	4061010	3902777	4096879	4020222	2.57	cps
Molybdenum	98-1	10381507	10129139	10469664	10326770	1.71	cps
Neodymium	150-1	20	40	53	38	44.41	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	4831	4878	4754	4821	1.29	cps
Phosphorus	31-2	249559	245880	245172	246870	0.95	cps
Potassium	39-2	10891315	10612556	10875095	10792989	1.45	cps
Rhodium	103-1	7421402	7639456	7479492	7513450	1.50	cps
Rhodium	103-2	3652573	3584767	3685041	3640793	1.41	cps
Scandium	45-1	6629885	6520962	6559052	6569966	0.84	cps
Scandium	45-2	200772	200168	201746	200895	0.40	cps
Selenium	82-1	71	34	41	48	40.33	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	58	55	60	58	4.36	cps
Silicon	28-1	783476	788187	792445	788036	0.57	cps
Silver	107-1	608	650	608	622	3.87	cps
Silver	109-1	658	450	533	547	19.16	cps
Sodium	23-2	27943498	27965667	28007380	27972182	0.12	cps
Strontium	86-1	81430	82527	79542	81166	1.86	cps
Strontium	88-1	672272	692086	683454	682604	1.46	cps
Sulfur	34-1	3288317	3296129	3229605	3271350	1.11	cps
Terbium	159-1	9110259	9040975	9232454	9127896	1.06	cps
Terbium	159-2	4175800	4154431	4191001	4173744	0.44	cps
Thallium	203-1	617	725	675	672	8.07	cps
Thallium	205-1	1584	1433	1533	1517	5.04	cps
Tin	118-1	1225	1075	1233	1178	7.57	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSA078	Instrumnet Name :	P8
Client Sample ID :	ICSA078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:44:49	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2329690	2200015	2209089	2246265	3.22	cps
Uranium	238-1	283	267	225	258	11.63	cps
Vanadium	51-2	210	213	253	226	10.69	cps
Ytterbium	172-1	42	58	42	47	20.37	cps
Ytterbium	172-2	6	33	17	19	75.47	cps
Ytterbium	176-1	1000	925	925	950	4.56	cps
Ytterbium	176-2	5446	5412	5746	5535	3.32	cps
Yttrium	89-1	13170146	13538707	13254584	13321146	1.45	cps
Yttrium	89-2	1446566	1413570	1429807	1429981	1.15	cps
Zinc	66-2	3404	2957	3220	3194	7.03	cps
Zirconium	90-1	1225	1083	892	1067	15.68	cps
Zirconium	91-1	175	250	183	203	20.27	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : ICSAB078 Instrumnet Name : P8
 Client Sample ID : ICSAB078 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 11:47:45 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4682987	4594897	4676061	4651315	1.05	cps
Antimony	121-1	124801	122338	125878	124339	1.46	cps
Arsenic	75-2	3706	3540	3499	3581	3.06	cps
Barium	135-1	31780	32540	31939	32086	1.25	cps
Barium	137-1	55858	55146	54486	55163	1.24	cps
Beryllium	9-1	28582	28798	29313	28898	1.30	cps
Bismuth	209-1	4501847	4742011	4613642	4619167	2.60	cps
Bismuth	209-2	2672762	2596522	2677886	2649057	1.72	cps
Boron	10-1	10850	11434	11328	11204	2.78	cps
Boron	11-1	51973	53340	54900	53404	2.74	cps
Bromine	81-1	22832	24055	23223	23370	2.67	cps
Cadmium	111-1	28097	27365	28063	27842	1.48	cps
Cadmium	106-1	7219	7285	7461	7322	1.71	cps
Cadmium	108-1	3271	3713	3630	3538	6.63	cps
Calcium	43-1	2399741	2430928	2457018	2429229	1.18	cps
Calcium	44-1	38758913	39152662	39281741	39064439	0.70	cps
Carbon	12-1	23285536	24785700	25051284	24374173	3.91	cps
Carbon	12-2	278718	273763	278263	276915	0.99	cps
Chlorine	35-1	15198101	18206731	20084805	17829879	13.83	cps
Chlorine	35-2	150739	154568	162144	155817	3.72	cps
Chromium	52-2	77998	78565	78397	78320	0.37	cps
Cobalt	59-2	71837	73164	72835	72612	0.95	cps
Copper	63-2	68843	71104	70859	70268	1.77	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	50	58	100	69	38.58	cps
Erbium	164-2	30	23	27	27	12.51	cps
Gadolinium	160-1	67	92	75	78	16.37	cps
Gadolinium	160-2	60	73	90	74	20.19	cps
Holmium	165-1	9150913	8863100	8596811	8870275	3.12	cps
Holmium	165-2	4231901	4228650	4380764	4280438	2.03	cps
Indium	115-1	8253341	8456856	8065350	8258515	2.37	cps
Indium	115-2	1263232	1238132	1240650	1247338	1.11	cps
Iron	54-2	8242626	7954649	8032158	8076478	1.85	cps
Iron	56-2	151324137	152174676	148137631	150545481	1.41	cps
Iron	57-2	3690269	3773186	3791294	3751583	1.44	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSAB078	Instrumnet Name :	P8
Client Sample ID :	ICSAB078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:47:45	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	893	917	917	2.55	cps
Lead	206-1	85554	88172	86930	86885	1.51	cps
Lead	207-1	74772	72352	73721	73615	1.65	cps
Lead	208-1	333424	339532	338524	337160	0.97	cps
Lithium	6-1	3016176	2920762	3016176	2984371	1.85	cps
Magnesium	24-2	13989083	13684650	14060462	13911398	1.43	cps
Manganese	55-2	25884	26622	25650	26052	1.95	cps
Molybdenum	94-1	3969013	4095166	4117994	4060724	1.98	cps
Molybdenum	95-1	6691894	6818362	6699337	6736531	1.05	cps
Molybdenum	96-1	7268193	7423343	7399156	7363564	1.13	cps
Molybdenum	97-1	4087275	4218298	4156756	4154110	1.58	cps
Molybdenum	98-1	10761066	10855900	10864948	10827305	0.53	cps
Neodymium	150-1	20	53	27	33	52.91	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	23329	22965	23219	23171	0.81	cps
Phosphorus	31-2	250273	244633	250365	248424	1.32	cps
Potassium	39-2	11028211	10779096	10723611	10843640	1.50	cps
Rhodium	103-1	7886214	8296820	7850955	8011330	3.09	cps
Rhodium	103-2	3672613	3607941	3570800	3617118	1.42	cps
Scandium	45-1	6994717	7226838	6907450	7043002	2.34	cps
Scandium	45-2	204609	205737	202818	204388	0.72	cps
Selenium	82-1	2269	2405	2283	2319	3.23	cps
Selenium	77-2	67	70	90	76	16.70	cps
Selenium	78-2	291	312	262	288	8.71	cps
Silicon	28-1	1023267	1055426	1043723	1040805	1.56	cps
Silver	107-1	146558	143646	145338	145181	1.01	cps
Silver	109-1	135044	136770	141055	137623	2.25	cps
Sodium	23-2	28955412	27996206	28273468	28408362	1.74	cps
Strontium	86-1	210320	216074	212446	212947	1.37	cps
Strontium	88-1	1764276	1808544	1835995	1802939	2.01	cps
Sulfur	34-1	3236165	3307547	3266468	3270060	1.10	cps
Terbium	159-1	9222282	9729247	9459454	9470328	2.68	cps
Terbium	159-2	4172917	4212078	4137497	4174164	0.89	cps
Thallium	203-1	86633	89771	88637	88347	1.80	cps
Thallium	205-1	204101	213423	206232	207919	2.35	cps
Tin	118-1	295289	288478	293812	292526	1.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	ICSAB078	Instrumnet Name :	P8
Client Sample ID :	ICSAB078	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:47:45	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2371238	2407658	2383969	2387622	0.77	cps
Uranium	238-1	628759	679749	661440	656649	3.93	cps
Vanadium	51-2	31688	31799	31398	31628	0.65	cps
Ytterbium	172-1	0	25	42	22	94.38	cps
Ytterbium	172-2	22	22	0	15	86.60	cps
Ytterbium	176-1	1934	1934	1884	1917	1.51	cps
Ytterbium	176-2	5824	6218	5940	5994	3.38	cps
Yttrium	89-1	14142295	13994783	13995884	14044321	0.60	cps
Yttrium	89-2	1470908	1415160	1448663	1444910	1.94	cps
Zinc	66-2	8633	8669	8476	8593	1.20	cps
Zirconium	90-1	666204	667758	668250	667404	0.16	cps
Zirconium	91-1	146921	147555	146071	146849	0.51	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:54:15	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2472566	2497353	2499384	2489768	0.60	cps
Antimony	121-1	2969033	2957010	3016951	2980998	1.06	cps
Arsenic	75-2	91774	90104	90142	90673	1.05	cps
Barium	135-1	3904162	3900384	3859618	3888054	0.64	cps
Barium	137-1	6506877	6527309	6433666	6489284	0.76	cps
Beryllium	9-1	748883	731457	729356	736565	1.46	cps
Bismuth	209-1	4513554	4593394	4604867	4570605	1.09	cps
Bismuth	209-2	2521444	2653212	2634742	2603133	2.74	cps
Boron	10-1	74363	81118	80212	78564	4.67	cps
Boron	11-1	358877	386617	385271	376922	4.15	cps
Bromine	81-1	21118	21910	20426	21151	3.51	cps
Cadmium	111-1	726567	745238	721851	731219	1.69	cps
Cadmium	106-1	87118	87286	89122	87842	1.27	cps
Cadmium	108-1	58361	59583	58591	58845	1.10	cps
Calcium	43-1	6146699	6038109	6016922	6067243	1.15	cps
Calcium	44-1	97974601	101155016	97967347	99032321	1.86	cps
Carbon	12-1	6012346	6285129	6359265	6218914	2.94	cps
Carbon	12-2	70177	71750	72957	71628	1.95	cps
Chlorine	35-1	2785543	2694305	2602285	2694044	3.40	cps
Chlorine	35-2	15751	14658	14007	14805	5.95	cps
Chromium	52-2	983492	962891	960809	969064	1.29	cps
Cobalt	59-2	1837146	1840592	1834426	1837388	0.17	cps
Copper	63-2	13507978	13299350	13285101	13364143	0.93	cps
Dysprosium	156-1	550	625	592	589	6.38	cps
Dysprosium	156-2	307	260	290	286	8.28	cps
Erbium	164-1	142	117	75	111	30.31	cps
Erbium	164-2	70	47	50	56	22.71	cps
Gadolinium	160-1	533	608	525	556	8.26	cps
Gadolinium	160-2	320	290	350	320	9.37	cps
Holmium	165-1	8759963	8967630	8859772	8862455	1.17	cps
Holmium	165-2	4151623	4240675	4266480	4219593	1.43	cps
Indium	115-1	8118696	8010431	8148585	8092571	0.90	cps
Indium	115-2	1185001	1218151	1220411	1207855	1.64	cps
Iron	54-2	10156193	10098358	9998614	10084388	0.79	cps
Iron	56-2	190448254	185124399	186417565	187330073	1.48	cps
Iron	57-2	4680428	4635873	4681046	4665783	0.56	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:54:15	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	867	920	910	4.32	cps
Lead	206-1	9593228	9035436	9208178	9278947	3.08	cps
Lead	207-1	8212094	7943564	8074892	8076850	1.66	cps
Lead	208-1	37410738	36249869	36780587	36813731	1.58	cps
Lithium	6-1	3098360	3035019	2864036	2999138	4.04	cps
Magnesium	24-2	36554011	36255753	36368879	36392881	0.41	cps
Manganese	55-2	5136809	5036265	5050058	5074377	1.07	cps
Molybdenum	94-1	13027437	13456043	12830617	13104699	2.44	cps
Molybdenum	95-1	19031762	19597632	18567246	19065547	2.71	cps
Molybdenum	96-1	21135687	21652183	20110697	20966189	3.74	cps
Molybdenum	97-1	11694054	11704570	11271214	11556612	2.14	cps
Molybdenum	98-1	30427458	30910199	29819311	30385656	1.80	cps
Neodymium	150-1	127	293	207	209	39.91	cps
Neodymium	150-2	30	20	53	34	49.66	cps
Nickel	60-2	471626	465458	469301	468795	0.66	cps
Phosphorus	31-2	25790	26341	24780	25637	3.09	cps
Potassium	39-2	14036678	13901555	13810679	13916304	0.82	cps
Rhodium	103-1	7708809	7776399	7665386	7716865	0.72	cps
Rhodium	103-2	3406518	3575368	3508770	3496885	2.43	cps
Scandium	45-1	6915969	7227848	6708367	6950728	3.76	cps
Scandium	45-2	194202	202149	200750	199034	2.13	cps
Selenium	82-1	62397	63132	62922	62817	0.60	cps
Selenium	77-2	1973	2020	1807	1933	5.80	cps
Selenium	78-2	6315	6269	6184	6256	1.06	cps
Silicon	28-1	3413477	3586704	3686784	3562322	3.88	cps
Silver	107-1	3968325	3961467	3997055	3975616	0.47	cps
Silver	109-1	3740497	3710997	3790171	3747222	1.07	cps
Sodium	23-2	71554635	70585274	71621820	71253910	0.81	cps
Strontium	86-1	11824740	12004772	11727765	11852426	1.19	cps
Strontium	88-1	102330931	102565281	100285433	101727215	1.23	cps
Sulfur	34-1	826826	816041	824933	822600	0.70	cps
Terbium	159-1	9496535	9454232	9304113	9418293	1.07	cps
Terbium	159-2	3958588	4227006	4158337	4114643	3.39	cps
Thallium	203-1	2338300	2320756	2251897	2303651	1.98	cps
Thallium	205-1	5482767	5224311	5221054	5309377	2.83	cps
Tin	118-1	2658823	2604850	2704441	2656038	1.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P8
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 11:54:15	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6355459	6653815	6423184	6477486	2.41	cps
Uranium	238-1	6535039	6884581	6881045	6766888	2.97	cps
Vanadium	51-2	802923	806268	790146	799779	1.06	cps
Ytterbium	172-1	75	58	83	72	17.63	cps
Ytterbium	172-2	22	39	28	30	28.65	cps
Ytterbium	176-1	11022	11314	11097	11144	1.36	cps
Ytterbium	176-2	10199	10604	10877	10560	3.23	cps
Yttrium	89-1	13998647	14152329	13295521	13815499	3.31	cps
Yttrium	89-2	1374184	1402160	1411030	1395791	1.38	cps
Zinc	66-2	1410020	1392552	1394805	1399125	0.68	cps
Zirconium	90-1	6348379	6556483	6192633	6365832	2.87	cps
Zirconium	91-1	1461831	1439747	1400127	1433901	2.18	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB043 Instrumnet Name : P8
 Client Sample ID : CCB043 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:05:33 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	121	126	119	7.59	cps
Antimony	121-1	283	342	425	350	20.34	cps
Arsenic	75-2	7	7	9	8	15.06	cps
Barium	135-1	67	42	50	53	24.12	cps
Barium	137-1	83	50	33	56	45.83	cps
Beryllium	9-1	126	102	102	110	12.60	cps
Bismuth	209-1	4776840	4650718	4471103	4632887	3.32	cps
Bismuth	209-2	2855352	2739055	2842875	2812427	2.27	cps
Boron	10-1	3382	3186	3268	3278	3.00	cps
Boron	11-1	16030	15647	14726	15468	4.33	cps
Bromine	81-1	21840	20667	22642	21716	4.57	cps
Cadmium	111-1	318	321	349	329	5.24	cps
Cadmium	106-1	2909	3134	2942	2995	4.06	cps
Cadmium	108-1	21	25	17	21	19.99	cps
Calcium	43-1	271	292	246	270	8.58	cps
Calcium	44-1	27429	27428	27391	27416	0.08	cps
Carbon	12-1	4332024	4345828	4195669	4291174	1.93	cps
Carbon	12-2	44393	45923	46884	45733	2.75	cps
Chlorine	35-1	943950	934692	910907	929849	1.83	cps
Chlorine	35-2	5359	5593	5393	5448	2.32	cps
Chromium	52-2	940	833	1013	929	9.74	cps
Cobalt	59-2	60	73	53	62	16.37	cps
Copper	63-2	857	757	753	789	7.44	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	58	58	75	64	15.06	cps
Gadolinium	160-2	77	110	77	88	21.92	cps
Holmium	165-1	8884462	8551104	8300117	8578561	3.42	cps
Holmium	165-2	4239400	4237849	4214261	4230503	0.33	cps
Indium	115-1	8059256	8191096	8044405	8098252	1.00	cps
Indium	115-2	1290221	1283309	1279190	1284240	0.43	cps
Iron	54-2	572	517	533	541	5.27	cps
Iron	56-2	3762	3684	3756	3734	1.16	cps
Iron	57-2	239	261	256	252	4.59	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:05:33	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	857	817	867	847	3.13	cps
Lead	206-1	711	711	800	741	6.93	cps
Lead	207-1	689	739	633	687	7.69	cps
Lead	208-1	3084	3134	3095	3104	0.85	cps
Lithium	6-1	3015801	2902253	2791554	2903203	3.86	cps
Magnesium	24-2	625	658	542	608	9.88	cps
Manganese	55-2	57	53	83	64	25.51	cps
Molybdenum	94-1	658	508	600	589	12.84	cps
Molybdenum	95-1	642	292	358	431	43.16	cps
Molybdenum	96-1	700	467	408	525	29.40	cps
Molybdenum	97-1	367	292	183	281	32.85	cps
Molybdenum	98-1	942	492	475	636	41.62	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	107	83	97	96	12.25	cps
Phosphorus	31-2	108	192	175	158	27.85	cps
Potassium	39-2	21341	20048	21433	20941	3.70	cps
Rhodium	103-1	8055488	8031218	7735903	7940870	2.24	cps
Rhodium	103-2	3750799	3841166	3827741	3806568	1.28	cps
Scandium	45-1	6542140	6884222	6836209	6754191	2.74	cps
Scandium	45-2	205729	202916	201450	203365	1.07	cps
Selenium	82-1	61	78	14	51	65.06	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	62	75	66	68	9.84	cps
Silicon	28-1	664545	666611	665307	665487	0.16	cps
Silver	107-1	250	167	242	219	20.92	cps
Silver	109-1	183	250	192	208	17.43	cps
Sodium	23-2	20565	20373	19897	20278	1.69	cps
Strontium	86-1	1608	1358	1308	1425	11.28	cps
Strontium	88-1	908	650	667	742	19.50	cps
Sulfur	34-1	424650	425963	421573	424062	0.53	cps
Terbium	159-1	8978055	9184602	8801916	8988191	2.13	cps
Terbium	159-2	4268211	4216787	4017239	4167412	3.18	cps
Thallium	203-1	650	475	583	569	15.51	cps
Thallium	205-1	1200	1117	1258	1192	5.98	cps
Tin	118-1	392	575	517	494	18.94	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P8
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:05:33	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	258	308	289	9.27	cps
Uranium	238-1	75	33	50	53	39.75	cps
Vanadium	51-2	20	7	10	12	56.76	cps
Ytterbium	172-1	17	33	33	28	34.63	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	958	892	817	889	7.97	cps
Ytterbium	176-2	5468	5929	5646	5681	4.10	cps
Yttrium	89-1	13586518	13543131	13542769	13557473	0.19	cps
Yttrium	89-2	1430464	1431466	1453960	1438630	0.92	cps
Zinc	66-2	120	140	163	141	15.37	cps
Zirconium	90-1	1067	883	875	942	11.50	cps
Zirconium	91-1	200	133	225	186	25.46	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141131BL Instrumnet Name : P8
 Client Sample ID : PBS131 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:09:19 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	111	112	108	6.38	cps
Antimony	121-1	150	142	208	167	21.80	cps
Arsenic	75-2	1	7	2	3	96.44	cps
Barium	135-1	8	25	33	22	57.29	cps
Barium	137-1	58	33	8	33	75.01	cps
Beryllium	9-1	98	68	92	86	18.46	cps
Bismuth	209-1	4632972	4754187	4723346	4703502	1.34	cps
Bismuth	209-2	2747472	2678837	2733531	2719946	1.33	cps
Boron	10-1	2844	2734	2584	2720	4.80	cps
Boron	11-1	13327	12975	12567	12957	2.94	cps
Bromine	81-1	22301	21749	23113	22388	3.06	cps
Cadmium	111-1	290	347	341	326	9.59	cps
Cadmium	106-1	2975	3259	3159	3131	4.59	cps
Cadmium	108-1	58	42	29	43	33.98	cps
Calcium	43-1	237	231	280	250	10.63	cps
Calcium	44-1	26946	26326	26418	26563	1.26	cps
Carbon	12-1	4117295	3999210	4005969	4040825	1.64	cps
Carbon	12-2	41083	40114	41167	40788	1.43	cps
Chlorine	35-1	712136	715961	702242	710113	1.00	cps
Chlorine	35-2	4401	4159	3876	4145	6.34	cps
Chromium	52-2	910	927	993	943	4.67	cps
Cobalt	59-2	60	60	73	64	11.94	cps
Copper	63-2	787	760	770	772	1.74	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	92	108	75	92	18.18	cps
Erbium	164-2	33	20	17	23	37.78	cps
Gadolinium	160-1	50	58	42	50	16.66	cps
Gadolinium	160-2	57	73	63	64	13.01	cps
Holmium	165-1	8466941	8525817	8355176	8449311	1.03	cps
Holmium	165-2	4184688	4076758	4212543	4157996	1.72	cps
Indium	115-1	8169443	8027238	8071953	8089545	0.90	cps
Indium	115-2	1266479	1247763	1257662	1257302	0.74	cps
Iron	54-2	544	489	600	544	10.20	cps
Iron	56-2	3306	3011	3273	3197	5.05	cps
Iron	57-2	278	211	233	241	14.10	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BL	Instrumnet Name :	P8
Client Sample ID :	PBS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:09:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	903	907	883	898	1.41	cps
Lead	206-1	622	700	739	687	8.65	cps
Lead	207-1	611	578	689	626	9.11	cps
Lead	208-1	2711	2778	2895	2795	3.32	cps
Lithium	6-1	2847457	2776906	2824409	2816257	1.28	cps
Magnesium	24-2	583	508	600	564	8.66	cps
Manganese	55-2	30	60	50	47	32.73	cps
Molybdenum	94-1	500	325	408	411	21.29	cps
Molybdenum	95-1	158	175	167	167	5.00	cps
Molybdenum	96-1	292	292	175	253	26.65	cps
Molybdenum	97-1	42	75	117	78	48.31	cps
Molybdenum	98-1	267	183	258	236	19.44	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	87	103	94	8.88	cps
Phosphorus	31-2	142	108	117	122	14.19	cps
Potassium	39-2	21032	21375	20932	21113	1.10	cps
Rhodium	103-1	7881815	8101667	7718770	7900751	2.43	cps
Rhodium	103-2	3885955	3667590	3621138	3724894	3.80	cps
Scandium	45-1	6716044	6626363	6750556	6697654	0.96	cps
Scandium	45-2	201497	198964	196381	198947	1.29	cps
Selenium	82-1	37	18	-7	16	140.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	56	51	51	10.88	cps
Silicon	28-1	658137	663524	662210	661290	0.42	cps
Silver	107-1	192	200	275	222	20.65	cps
Silver	109-1	200	192	192	194	2.48	cps
Sodium	23-2	19447	18562	18304	18771	3.19	cps
Strontium	86-1	1650	1358	1383	1464	11.04	cps
Strontium	88-1	258	333	358	317	16.43	cps
Sulfur	34-1	433588	430375	421429	428464	1.47	cps
Terbium	159-1	9234612	8831599	9090404	9052205	2.26	cps
Terbium	159-2	4108500	4164395	4135325	4136073	0.68	cps
Thallium	203-1	450	483	417	450	7.41	cps
Thallium	205-1	1050	1283	1142	1158	10.15	cps
Tin	118-1	483	425	525	478	10.51	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BL	Instrumnet Name :	P8
Client Sample ID :	PBS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:09:19	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	250	317	278	12.49	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Ytterbium	172-1	17	17	50	28	69.27	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	900	883	800	861	6.22	cps
Ytterbium	176-2	5285	5729	5935	5649	5.88	cps
Yttrium	89-1	13918419	13388447	13502688	13603185	2.05	cps
Yttrium	89-2	1475744	1395880	1429254	1433626	2.80	cps
Zinc	66-2	123	107	117	116	7.26	cps
Zirconium	90-1	892	717	792	800	10.97	cps
Zirconium	91-1	142	142	117	133	10.83	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141131BS Instrumnet Name : P8
 Client Sample ID : LCS131 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:12:24 DataFile Name : 022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1989	1920	1931	1947	1.89	cps
Antimony	121-1	22962	22102	22135	22399	2.17	cps
Arsenic	75-2	412	358	374	381	7.27	cps
Barium	135-1	28122	28071	27804	27999	0.61	cps
Barium	137-1	47744	46883	47092	47239	0.95	cps
Beryllium	9-1	2834	2874	2926	2878	1.60	cps
Bismuth	209-1	4581178	4576957	4548187	4568774	0.39	cps
Bismuth	209-2	2805640	2768937	2799569	2791382	0.70	cps
Boron	10-1	7795	8655	8751	8400	6.27	cps
Boron	11-1	38535	40119	42048	40234	4.37	cps
Bromine	81-1	23524	22150	22893	22856	3.01	cps
Cadmium	111-1	3090	3055	3352	3166	5.12	cps
Cadmium	106-1	3709	3409	3792	3637	5.55	cps
Cadmium	108-1	217	267	254	246	10.58	cps
Calcium	43-1	22505	22326	22708	22513	0.85	cps
Calcium	44-1	391618	390095	389637	390450	0.27	cps
Carbon	12-1	4038629	4195946	4142658	4125744	1.94	cps
Carbon	12-2	41367	42679	41459	41835	1.75	cps
Chlorine	35-1	617047	601524	604949	607840	1.34	cps
Chlorine	35-2	3475	3467	3367	3437	1.75	cps
Chromium	52-2	8843	8272	8476	8530	3.39	cps
Cobalt	59-2	6638	6598	6802	6679	1.61	cps
Copper	63-2	11124	11581	11208	11305	2.15	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	50	58	50	53	9.11	cps
Erbium	164-2	33	13	20	22	45.83	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	67	83	120	90	30.31	cps
Holmium	165-1	8252655	8407757	8243375	8301263	1.11	cps
Holmium	165-2	4134519	4026330	4125394	4095414	1.47	cps
Indium	115-1	8128833	8080543	8329041	8179472	1.61	cps
Indium	115-2	1280944	1236963	1292265	1270058	2.30	cps
Iron	54-2	35060	35355	35394	35270	0.52	cps
Iron	56-2	645440	627668	630939	634682	1.49	cps
Iron	57-2	16120	15742	15731	15865	1.40	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BS	Instrumnet Name :	P8
Client Sample ID :	LCS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:12:24	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	917	930	952	5.30	cps
Lead	206-1	7319	7363	7786	7489	3.44	cps
Lead	207-1	6368	6385	6568	6441	1.72	cps
Lead	208-1	28941	28852	29780	29191	1.75	cps
Lithium	6-1	2838296	2848271	2831316	2839294	0.30	cps
Magnesium	24-2	146725	144388	144488	145201	0.91	cps
Manganese	55-2	1973	1903	1850	1909	3.24	cps
Molybdenum	94-1	27595	27603	28246	27815	1.34	cps
Molybdenum	95-1	32965	33207	33733	33302	1.18	cps
Molybdenum	96-1	37694	37100	36649	37148	1.41	cps
Molybdenum	97-1	20199	20883	21025	20702	2.13	cps
Molybdenum	98-1	52484	53220	52560	52755	0.77	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1973	1947	1943	1955	0.84	cps
Phosphorus	31-2	225	283	225	244	13.78	cps
Potassium	39-2	129646	127393	126376	127805	1.31	cps
Rhodium	103-1	7910621	7884656	8094119	7963132	1.43	cps
Rhodium	103-2	3783459	3649527	3742555	3725180	1.84	cps
Scandium	45-1	6630222	6501173	6555487	6562294	0.99	cps
Scandium	45-2	206203	193807	203620	201210	3.25	cps
Selenium	82-1	975	1099	1119	1064	7.29	cps
Selenium	77-2	53	30	30	38	35.66	cps
Selenium	78-2	170	153	187	170	10.00	cps
Silicon	28-1	765124	763601	769131	765952	0.37	cps
Silver	107-1	14675	13958	14600	14411	2.74	cps
Silver	109-1	13640	13590	15367	14199	7.13	cps
Sodium	23-2	292342	294611	292173	293042	0.46	cps
Strontium	86-1	6043	6051	5826	5974	2.14	cps
Strontium	88-1	40150	38362	39566	39359	2.32	cps
Sulfur	34-1	431266	430639	433634	431846	0.37	cps
Terbium	159-1	8947103	9025109	8983277	8985163	0.43	cps
Terbium	159-2	4157461	4018023	4259634	4145039	2.93	cps
Thallium	203-1	8511	8069	8903	8495	4.91	cps
Thallium	205-1	19582	20258	20158	19999	1.83	cps
Tin	118-1	50310	49909	48554	49591	1.86	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141131BS	Instrumnet Name :	P8
Client Sample ID :	LCS131	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:12:24	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11046	12197	11713	11652	4.96	cps
Uranium	238-1	23314	24266	23790	23790	2.00	cps
Vanadium	51-2	15365	14884	15398	15216	1.89	cps
Ytterbium	172-1	17	25	17	19	24.73	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	1000	925	775	900	12.73	cps
Ytterbium	176-2	5157	5790	5946	5631	7.42	cps
Yttrium	89-1	13308251	13615382	13550071	13491235	1.20	cps
Yttrium	89-2	1485305	1394281	1460678	1446755	3.25	cps
Zinc	66-2	2990	2874	2974	2946	2.14	cps
Zirconium	90-1	23971	22819	23178	23323	2.53	cps
Zirconium	91-1	5401	5401	5576	5460	1.85	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141132BL Instrumnet Name : P8
 Client Sample ID : PBS132 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:15:27 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	100	91	97	5.20	cps
Antimony	121-1	92	183	142	139	33.05	cps
Arsenic	75-2	6	7	4	6	26.96	cps
Barium	135-1	17	33	0	17	99.99	cps
Barium	137-1	33	50	17	33	50.00	cps
Beryllium	9-1	96	68	84	83	16.99	cps
Bismuth	209-1	4553073	4642666	4509176	4568305	1.49	cps
Bismuth	209-2	2755810	2698863	2244870	2566514	10.91	cps
Boron	10-1	3382	3446	3146	3324	4.75	cps
Boron	11-1	15745	15565	14923	15411	2.81	cps
Bromine	81-1	22331	23193	23123	22882	2.09	cps
Cadmium	111-1	360	360	322	348	6.37	cps
Cadmium	106-1	3242	3609	3159	3337	7.18	cps
Cadmium	108-1	38	54	21	38	44.45	cps
Calcium	43-1	205	230	214	216	5.86	cps
Calcium	44-1	26010	25884	26183	26026	0.58	cps
Carbon	12-1	3890373	3866141	3959498	3905338	1.24	cps
Carbon	12-2	40315	39587	41860	40587	2.86	cps
Chlorine	35-1	505238	513438	505767	508148	0.90	cps
Chlorine	35-2	3159	3084	3100	3114	1.26	cps
Chromium	52-2	1023	1047	1003	1024	2.12	cps
Cobalt	59-2	57	73	50	60	20.03	cps
Copper	63-2	647	630	660	646	2.33	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	75	58	58	28.57	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-1	42	50	58	50	16.67	cps
Gadolinium	160-2	53	70	53	59	16.34	cps
Holmium	165-1	8632842	8282047	8262386	8392425	2.48	cps
Holmium	165-2	4112685	4162965	3406811	3894154	10.86	cps
Indium	115-1	8050696	7875944	7869158	7931933	1.30	cps
Indium	115-2	1277468	1253290	1043867	1191542	10.78	cps
Iron	54-2	506	439	406	450	11.31	cps
Iron	56-2	3073	2889	2961	2974	3.11	cps
Iron	57-2	178	294	239	237	24.62	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BL	Instrumnet Name :	P8
Client Sample ID :	PBS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:15:27	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	840	873	863	2.35	cps
Lead	206-1	656	617	739	670	9.31	cps
Lead	207-1	650	539	594	594	9.35	cps
Lead	208-1	2745	2178	2633	2519	11.92	cps
Lithium	6-1	2771313	2793787	2849220	2804773	1.43	cps
Magnesium	24-2	667	650	508	608	14.30	cps
Manganese	55-2	40	37	33	37	9.10	cps
Molybdenum	94-1	392	375	333	367	8.19	cps
Molybdenum	95-1	92	67	100	86	20.14	cps
Molybdenum	96-1	242	183	175	200	18.16	cps
Molybdenum	97-1	117	92	83	97	17.84	cps
Molybdenum	98-1	158	108	183	150	25.46	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	97	90	89	9.44	cps
Phosphorus	31-2	175	117	133	142	21.21	cps
Potassium	39-2	20198	20657	20882	20579	1.69	cps
Rhodium	103-1	8071166	8102026	8054581	8075925	0.30	cps
Rhodium	103-2	3854713	3705554	3168410	3576226	10.09	cps
Scandium	45-1	6904966	6650951	6768562	6774826	1.88	cps
Scandium	45-2	203041	199307	167243	189863	10.36	cps
Selenium	82-1	-3	67	-25	13	379.53	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	47	74	64	62	22.14	cps
Silicon	28-1	662159	657428	659717	659768	0.36	cps
Silver	107-1	183	250	250	228	16.90	cps
Silver	109-1	258	200	225	228	12.84	cps
Sodium	23-2	17686	16819	17686	17397	2.88	cps
Strontium	86-1	1533	1275	1558	1456	10.78	cps
Strontium	88-1	200	200	117	172	27.94	cps
Sulfur	34-1	432015	434785	430622	432474	0.49	cps
Terbium	159-1	8888354	8989787	9162444	9013528	1.54	cps
Terbium	159-2	4162077	3977147	3319669	3819631	11.59	cps
Thallium	203-1	425	358	325	369	13.78	cps
Thallium	205-1	975	967	925	956	2.80	cps
Tin	118-1	417	642	467	508	23.24	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BL	Instrumnet Name :	P8
Client Sample ID :	PBS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:15:27	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	267	200	228	15.23	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Ytterbium	172-1	8	33	67	36	81.06	cps
Ytterbium	172-2	0	6	11	6	99.97	cps
Ytterbium	176-1	942	1017	975	978	3.84	cps
Ytterbium	176-2	5246	5824	4807	5292	9.64	cps
Yttrium	89-1	13343629	13976674	13385963	13568755	2.61	cps
Yttrium	89-2	1469686	1443387	1213990	1375688	10.22	cps
Zinc	66-2	77	100	87	88	13.33	cps
Zirconium	90-1	892	925	792	869	7.98	cps
Zirconium	91-1	167	150	158	158	5.26	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BS	Instrumnet Name :	P8
Client Sample ID :	LCS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:18:31	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1930	1994	1912	1945	2.20	cps
Antimony	121-1	22527	21910	21968	22135	1.54	cps
Arsenic	75-2	406	382	387	392	3.23	cps
Barium	135-1	26936	28497	27679	27704	2.82	cps
Barium	137-1	48647	46581	47543	47590	2.17	cps
Beryllium	9-1	2944	2954	2958	2952	0.24	cps
Bismuth	209-1	4441005	4756924	4661233	4619720	3.51	cps
Bismuth	209-2	2795962	2813998	2822198	2810719	0.48	cps
Boron	10-1	8175	8623	8607	8468	3.00	cps
Boron	11-1	38158	40582	40321	39687	3.35	cps
Bromine	81-1	24056	22281	21830	22722	5.18	cps
Cadmium	111-1	3168	3115	3163	3148	0.94	cps
Cadmium	106-1	3459	3659	3759	3626	4.21	cps
Cadmium	108-1	183	217	192	197	8.79	cps
Calcium	43-1	22620	22338	22690	22549	0.83	cps
Calcium	44-1	388537	383905	388397	386946	0.68	cps
Carbon	12-1	4058533	3985138	4115449	4053040	1.61	cps
Carbon	12-2	42111	42872	42028	42337	1.10	cps
Chlorine	35-1	468255	462130	467439	465941	0.71	cps
Chlorine	35-2	2842	2784	2700	2775	2.57	cps
Chromium	52-2	8846	8509	8473	8609	2.39	cps
Cobalt	59-2	7005	6902	6928	6945	0.77	cps
Copper	63-2	11345	11371	11258	11325	0.52	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	75	75	58	69	13.86	cps
Erbium	164-2	27	40	33	33	20.00	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	100	60	63	74	29.81	cps
Holmium	165-1	8204324	8866193	8495936	8522151	3.89	cps
Holmium	165-2	4132524	4225214	4082780	4146839	1.74	cps
Indium	115-1	8238490	8318677	8229275	8262148	0.60	cps
Indium	115-2	1276899	1285647	1275456	1279334	0.43	cps
Iron	54-2	35211	35305	35455	35324	0.35	cps
Iron	56-2	645359	639300	631567	638742	1.08	cps
Iron	57-2	16582	16098	16182	16287	1.59	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141132BS Instrumnet Name : P8
 Client Sample ID : LCS132 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:18:31 DataFile Name : 024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	877	903	909	3.89	cps
Lead	206-1	7141	7085	6707	6978	3.38	cps
Lead	207-1	6296	6774	6391	6487	3.90	cps
Lead	208-1	28441	29820	27862	28708	3.50	cps
Lithium	6-1	2852840	2894178	2982111	2909710	2.27	cps
Magnesium	24-2	144926	144757	141045	143576	1.53	cps
Manganese	55-2	1920	1847	2097	1955	6.58	cps
Molybdenum	94-1	27177	27511	29215	27968	3.91	cps
Molybdenum	95-1	33625	32764	32672	33021	1.59	cps
Molybdenum	96-1	37460	36817	38028	37435	1.62	cps
Molybdenum	97-1	20199	20858	20006	20354	2.19	cps
Molybdenum	98-1	53253	53237	52150	52880	1.20	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2027	2037	1870	1978	4.73	cps
Phosphorus	31-2	242	242	267	250	5.77	cps
Potassium	39-2	128377	130990	128124	129164	1.23	cps
Rhodium	103-1	7947882	8173809	8308870	8143520	2.24	cps
Rhodium	103-2	3784667	3734276	3818219	3779054	1.12	cps
Scandium	45-1	6610981	6869612	6654460	6711684	2.06	cps
Scandium	45-2	205537	206858	203424	205273	0.84	cps
Selenium	82-1	1073	1167	1197	1146	5.65	cps
Selenium	77-2	47	40	33	40	16.68	cps
Selenium	78-2	185	182	185	184	0.94	cps
Silicon	28-1	768294	762881	771332	767503	0.56	cps
Silver	107-1	14783	14708	14917	14803	0.71	cps
Silver	109-1	13057	13749	13324	13376	2.61	cps
Sodium	23-2	295075	296371	290398	293948	1.07	cps
Strontium	86-1	6285	5826	5785	5965	4.65	cps
Strontium	88-1	38972	39223	39658	39284	0.88	cps
Sulfur	34-1	435196	436182	434757	435378	0.17	cps
Terbium	159-1	8603366	9115880	9029334	8916193	3.08	cps
Terbium	159-2	4084594	4063590	4166567	4104917	1.33	cps
Thallium	203-1	8453	8987	8278	8572	4.31	cps
Thallium	205-1	20859	19549	19440	19949	3.96	cps
Tin	118-1	50084	49189	48738	49337	1.39	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141132BS	Instrumnet Name :	P8
Client Sample ID :	LCS132	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:18:31	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11146	11280	11488	11305	1.52	cps
Uranium	238-1	23297	21494	22621	22470	4.05	cps
Vanadium	51-2	15298	15896	15682	15625	1.94	cps
Ytterbium	172-1	8	17	50	25	88.19	cps
Ytterbium	172-2	0	0	17	6	173.21	cps
Ytterbium	176-1	875	1017	892	928	8.35	cps
Ytterbium	176-2	5696	6057	6102	5951	3.74	cps
Yttrium	89-1	13582078	14020144	13901857	13834693	1.64	cps
Yttrium	89-2	1469217	1448135	1434362	1450572	1.21	cps
Zinc	66-2	2994	2787	3064	2948	4.88	cps
Zirconium	90-1	23646	23771	24322	23913	1.50	cps
Zirconium	91-1	5001	5518	5568	5362	5.85	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141133BL Instrumnet Name : P8
 Client Sample ID : PBS133 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:21:34 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	107	94	105	10.22	cps
Antimony	121-1	75	67	142	94	43.53	cps
Arsenic	75-2	8	5	10	8	32.83	cps
Barium	135-1	25	17	50	31	56.77	cps
Barium	137-1	33	17	17	22	43.28	cps
Beryllium	9-1	68	68	76	71	6.54	cps
Bismuth	209-1	4623219	4441395	4562904	4542506	2.04	cps
Bismuth	209-2	2614446	2759678	2715480	2696535	2.76	cps
Boron	10-1	2856	2700	2518	2691	6.29	cps
Boron	11-1	13540	12733	12185	12819	5.32	cps
Bromine	81-1	22140	22712	22351	22401	1.29	cps
Cadmium	111-1	359	356	341	352	2.71	cps
Cadmium	106-1	3426	3401	2975	3267	7.74	cps
Cadmium	108-1	42	25	21	29	37.81	cps
Calcium	43-1	202	211	220	211	4.14	cps
Calcium	44-1	25926	25924	25730	25860	0.44	cps
Carbon	12-1	4094381	3914280	3902583	3970415	2.71	cps
Carbon	12-2	41827	41443	41309	41526	0.65	cps
Chlorine	35-1	415761	416773	418721	417085	0.36	cps
Chlorine	35-2	2667	2492	2392	2517	5.53	cps
Chromium	52-2	933	1050	947	977	6.54	cps
Cobalt	59-2	53	80	53	62	24.75	cps
Copper	63-2	670	633	637	647	3.14	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	10	17	50	26	83.85	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	57	67	63	62	8.18	cps
Holmium	165-1	8331083	8213422	8282355	8275620	0.71	cps
Holmium	165-2	3875953	3996702	4102470	3991708	2.84	cps
Indium	115-1	7998408	8045578	7961386	8001791	0.53	cps
Indium	115-2	1203761	1240236	1248122	1230707	1.92	cps
Iron	54-2	461	383	506	450	13.75	cps
Iron	56-2	3011	2784	2900	2898	3.93	cps
Iron	57-2	261	228	294	261	12.77	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BL	Instrumnet Name :	P8
Client Sample ID :	PBS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:21:34	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	900	843	890	4.78	cps
Lead	206-1	611	711	661	661	7.56	cps
Lead	207-1	517	539	544	533	2.76	cps
Lead	208-1	2561	2589	2233	2461	8.04	cps
Lithium	6-1	2830169	2842908	2791168	2821415	0.96	cps
Magnesium	24-2	558	600	608	589	4.55	cps
Manganese	55-2	37	50	87	58	44.81	cps
Molybdenum	94-1	358	300	408	356	15.25	cps
Molybdenum	95-1	58	75	50	61	20.83	cps
Molybdenum	96-1	133	208	183	175	21.82	cps
Molybdenum	97-1	25	67	17	36	74.18	cps
Molybdenum	98-1	117	108	83	103	16.88	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	120	83	97	20.98	cps
Phosphorus	31-2	117	117	175	136	24.75	cps
Potassium	39-2	21775	22134	20573	21494	3.80	cps
Rhodium	103-1	7783057	7996217	7788004	7855759	1.55	cps
Rhodium	103-2	3598192	3872198	3748191	3739527	3.67	cps
Scandium	45-1	6741994	6605058	6464177	6603743	2.10	cps
Scandium	45-2	192900	203521	202448	199623	2.93	cps
Selenium	82-1	-33	-18	43	-3	-1515.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	55	59	72	62	14.33	cps
Silicon	28-1	656550	653832	653804	654729	0.24	cps
Silver	107-1	233	292	233	253	13.32	cps
Silver	109-1	142	217	192	183	20.83	cps
Sodium	23-2	15918	17561	16943	16807	4.94	cps
Strontium	86-1	1333	1500	1433	1422	5.90	cps
Strontium	88-1	133	175	217	175	23.81	cps
Sulfur	34-1	439992	439638	438240	439290	0.21	cps
Terbium	159-1	8761499	8631308	9094683	8829163	2.71	cps
Terbium	159-2	3983315	4024264	4111292	4039624	1.62	cps
Thallium	203-1	342	358	333	344	3.70	cps
Thallium	205-1	775	583	883	747	20.33	cps
Tin	118-1	517	467	458	481	6.57	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BL	Instrumnet Name :	P8
Client Sample ID :	PBS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:21:34	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	317	242	247	27.04	cps
Uranium	238-1	8	33	17	19	65.47	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Ytterbium	172-1	25	67	33	42	52.92	cps
Ytterbium	172-2	11	22	11	15	43.30	cps
Ytterbium	176-1	817	825	958	867	9.17	cps
Ytterbium	176-2	5073	5896	5485	5485	7.50	cps
Yttrium	89-1	13038964	13207546	13093239	13113250	0.66	cps
Yttrium	89-2	1399161	1449910	1453626	1434232	2.12	cps
Zinc	66-2	87	133	113	111	21.07	cps
Zirconium	90-1	800	708	758	756	6.08	cps
Zirconium	91-1	183	175	192	183	4.54	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141133BS Instrumnet Name : P8
 Client Sample ID : LCS133 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 12:24:39 DataFile Name : 026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1924	2019	2041	1994	3.13	cps
Antimony	121-1	21901	22202	21417	21840	1.81	cps
Arsenic	75-2	411	380	361	384	6.57	cps
Barium	135-1	28030	27595	27261	27629	1.39	cps
Barium	137-1	47810	48237	46180	47409	2.29	cps
Beryllium	9-1	2972	2914	2808	2898	2.87	cps
Bismuth	209-1	4270282	4622164	4524323	4472256	4.06	cps
Bismuth	209-2	2755376	2710493	2727642	2731170	0.83	cps
Boron	10-1	7390	7602	8073	7689	4.54	cps
Boron	11-1	34720	37442	37727	36630	4.53	cps
Bromine	81-1	21850	23635	22411	22632	4.03	cps
Cadmium	111-1	3158	3103	3059	3107	1.59	cps
Cadmium	106-1	3259	3626	3551	3478	5.57	cps
Cadmium	108-1	188	217	263	222	17.02	cps
Calcium	43-1	21655	22116	22015	21929	1.10	cps
Calcium	44-1	385897	386385	383240	385174	0.44	cps
Carbon	12-1	4110357	4124828	4087841	4107675	0.45	cps
Carbon	12-2	42345	42847	42337	42510	0.69	cps
Chlorine	35-1	396417	397399	394940	396252	0.31	cps
Chlorine	35-2	2684	2284	2609	2525	8.42	cps
Chromium	52-2	8186	8312	8369	8289	1.13	cps
Cobalt	59-2	6758	6645	7169	6857	4.02	cps
Copper	63-2	11168	11388	10941	11166	2.00	cps
Dysprosium	156-1	42	8	17	22	78.07	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	75	25	50	50.00	cps
Erbium	164-2	43	7	37	29	67.60	cps
Gadolinium	160-1	75	42	75	64	30.12	cps
Gadolinium	160-2	70	80	73	74	6.84	cps
Holmium	165-1	7769258	8304476	8153949	8075894	3.42	cps
Holmium	165-2	4007582	4043103	3997016	4015900	0.60	cps
Indium	115-1	7700991	8098417	8097321	7965576	2.88	cps
Indium	115-2	1249607	1271041	1284622	1268423	1.39	cps
Iron	54-2	34681	34264	34013	34319	0.98	cps
Iron	56-2	629800	634751	622608	629053	0.97	cps
Iron	57-2	15420	15737	15509	15555	1.05	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BS	Instrumnet Name :	P8
Client Sample ID :	LCS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:24:39	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	837	850	872	5.79	cps
Lead	206-1	6852	7419	6585	6952	6.13	cps
Lead	207-1	6413	5918	6763	6365	6.67	cps
Lead	208-1	28218	28658	28246	28374	0.87	cps
Lithium	6-1	2689766	2679729	2802363	2723952	2.50	cps
Magnesium	24-2	140104	142529	141461	141364	0.86	cps
Manganese	55-2	1997	1997	2010	2001	0.38	cps
Molybdenum	94-1	27052	27469	28104	27542	1.92	cps
Molybdenum	95-1	34628	32046	32330	33001	4.29	cps
Molybdenum	96-1	37535	37719	37343	37532	0.50	cps
Molybdenum	97-1	20115	21759	20290	20722	4.36	cps
Molybdenum	98-1	54333	53111	51513	52986	2.67	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1980	1833	1967	1927	4.21	cps
Phosphorus	31-2	158	283	250	231	28.07	cps
Potassium	39-2	127074	130025	126081	127727	1.61	cps
Rhodium	103-1	7656452	7854293	7789938	7766894	1.30	cps
Rhodium	103-2	3752724	3777893	3751831	3760816	0.39	cps
Scandium	45-1	6314637	6597830	6541214	6484560	2.31	cps
Scandium	45-2	202261	205164	205905	204443	0.94	cps
Selenium	82-1	1102	1248	1207	1186	6.35	cps
Selenium	77-2	40	20	43	34	36.64	cps
Selenium	78-2	173	176	168	172	2.34	cps
Silicon	28-1	757564	766353	756286	760068	0.72	cps
Silver	107-1	14082	14475	14491	14349	1.61	cps
Silver	109-1	13924	14158	13374	13818	2.91	cps
Sodium	23-2	286386	291374	288099	288620	0.88	cps
Strontium	86-1	5685	5618	6143	5815	4.92	cps
Strontium	88-1	40042	37811	37184	38345	3.92	cps
Sulfur	34-1	446587	446021	442611	445073	0.48	cps
Terbium	159-1	8536258	8829659	8735044	8700320	1.72	cps
Terbium	159-2	3998041	3955632	4162734	4038802	2.71	cps
Thallium	203-1	7953	8203	7844	8000	2.30	cps
Thallium	205-1	19524	19724	18789	19346	2.54	cps
Tin	118-1	47040	50404	48738	48727	3.45	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141133BS	Instrumnet Name :	P8
Client Sample ID :	LCS133	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:24:39	DataFile Name :	026LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11296	11588	11530	11472	1.35	cps
Uranium	238-1	22345	22963	21836	22381	2.52	cps
Vanadium	51-2	15492	15075	15452	15339	1.50	cps
Ytterbium	172-1	33	8	50	31	68.64	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	808	975	933	906	9.58	cps
Ytterbium	176-2	5635	5507	6118	5753	5.61	cps
Yttrium	89-1	13479349	13482096	12932272	13297906	2.38	cps
Yttrium	89-2	1419439	1476235	1436453	1444043	2.02	cps
Zinc	66-2	2750	2924	2810	2828	3.11	cps
Zirconium	90-1	23737	24422	23954	24038	1.46	cps
Zirconium	91-1	5476	5518	5443	5479	0.69	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-01	Instrumnet Name :	P8
Client Sample ID :	MH1ET5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:27:42	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1074188	1067984	1068856	1070343	0.31	cps
Antimony	121-1	18179	17779	18588	18182	2.23	cps
Arsenic	75-2	6984	6886	6833	6901	1.11	cps
Barium	135-1	1049354	1052139	1025424	1042306	1.41	cps
Barium	137-1	1783410	1867338	1794702	1815150	2.51	cps
Beryllium	9-1	3794	4022	3872	3896	2.97	cps
Bismuth	209-1	4404632	4516603	4516760	4479332	1.44	cps
Bismuth	209-2	2854994	2777689	2783839	2805507	1.53	cps
Boron	10-1	5210	5496	5488	5398	3.02	cps
Boron	11-1	25058	26443	26088	25863	2.78	cps
Bromine	81-1	29803	30275	30094	30057	0.79	cps
Cadmium	111-1	18860	18769	19224	18951	1.27	cps
Cadmium	106-1	5743	5651	5693	5696	0.81	cps
Cadmium	108-1	1600	1383	1508	1497	7.26	cps
Calcium	43-1	2009654	2042294	2047587	2033178	1.01	cps
Calcium	44-1	33017728	32592472	31905663	32505288	1.73	cps
Carbon	12-1	7899759	7845975	7875959	7873898	0.34	cps
Carbon	12-2	84989	82859	86405	84751	2.11	cps
Chlorine	35-1	16450615	22383078	27256569	22030087	24.56	cps
Chlorine	35-2	244235	257578	281703	261172	7.27	cps
Chromium	52-2	113336	111189	111100	111875	1.13	cps
Cobalt	59-2	92598	93045	91361	92335	0.94	cps
Copper	63-2	903589	885261	891088	893313	1.05	cps
Dysprosium	156-1	63260	61174	60572	61669	2.29	cps
Dysprosium	156-2	28581	28571	27929	28360	1.32	cps
Erbium	164-1	50054	48740	49302	49365	1.33	cps
Erbium	164-2	22877	22800	22312	22663	1.35	cps
Gadolinium	160-1	56354	55065	55885	55768	1.17	cps
Gadolinium	160-2	30017	29152	29971	29713	1.64	cps
Holmium	165-1	8302631	8570259	8587424	8486771	1.88	cps
Holmium	165-2	4305584	4219433	4199539	4241519	1.33	cps
Indium	115-1	7938635	8399804	8321522	8219987	3.00	cps
Indium	115-2	1301277	1279126	1288880	1289761	0.86	cps
Iron	54-2	5775308	5692981	5847407	5771899	1.34	cps
Iron	56-2	107564108	107416111	105081125	106687114	1.31	cps
Iron	57-2	2767047	2690389	2664559	2707332	1.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-01	Instrumnet Name :	P8
Client Sample ID :	MH1ET5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:27:42	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1033	990	1023	2.90	cps
Lead	206-1	4054574	4074544	4042452	4057190	0.40	cps
Lead	207-1	3383939	3518391	3511593	3471308	2.18	cps
Lead	208-1	15753617	15820933	15611532	15728694	0.68	cps
Lithium	6-1	2697528	2845579	2963602	2835570	4.70	cps
Magnesium	24-2	1825151	1820294	1809211	1818219	0.45	cps
Manganese	55-2	2829242	2859686	2847869	2845599	0.54	cps
Molybdenum	94-1	21417	20357	20607	20794	2.66	cps
Molybdenum	95-1	15926	15734	16068	15910	1.05	cps
Molybdenum	96-1	20549	21225	21100	20958	1.72	cps
Molybdenum	97-1	9412	9262	9378	9351	0.84	cps
Molybdenum	98-1	24681	23062	24731	24158	3.93	cps
Neodymium	150-1	105339	107804	106253	106465	1.17	cps
Neodymium	150-2	36513	36132	35491	36045	1.43	cps
Nickel	60-2	67215	67807	68474	67832	0.93	cps
Phosphorus	31-2	13432	13732	13490	13551	1.17	cps
Potassium	39-2	865779	850244	864520	860181	1.00	cps
Rhodium	103-1	7786498	8079297	7942490	7936095	1.85	cps
Rhodium	103-2	3840115	3845366	3825116	3836866	0.27	cps
Scandium	45-1	6575894	6848714	6712353	6712320	2.03	cps
Scandium	45-2	215219	216536	213524	215093	0.70	cps
Selenium	82-1	407	417	441	422	4.14	cps
Selenium	77-2	180	183	163	176	6.10	cps
Selenium	78-2	222	198	204	208	6.00	cps
Silicon	28-1	7022979	7009438	6939096	6990504	0.64	cps
Silver	107-1	59705	56901	59027	58545	2.50	cps
Silver	109-1	56082	56835	55814	56244	0.94	cps
Sodium	23-2	169335	171804	170186	170442	0.74	cps
Strontium	86-1	892049	881317	876512	883293	0.90	cps
Strontium	88-1	7326451	7463747	7392502	7394233	0.93	cps
Sulfur	34-1	483429	488934	481397	484587	0.80	cps
Terbium	159-1	8810892	9055970	8742170	8869677	1.86	cps
Terbium	159-2	4274744	4149395	4267883	4230674	1.67	cps
Thallium	203-1	4359	4493	4659	4504	3.34	cps
Thallium	205-1	10680	10963	10680	10774	1.52	cps
Tin	118-1	134391	130347	134571	133103	1.79	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-01	Instrumnet Name :	P8
Client Sample ID :	MH1ET5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:27:42	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	289293	285026	291002	288440	1.07	cps
Uranium	238-1	65060	61844	62807	63237	2.61	cps
Vanadium	51-2	159489	157918	158039	158482	0.55	cps
Ytterbium	172-1	13065	14575	14083	13908	5.54	cps
Ytterbium	172-2	8069	7536	7308	7638	5.12	cps
Ytterbium	176-1	9570	9479	9745	9598	1.41	cps
Ytterbium	176-2	10149	10866	10404	10473	3.47	cps
Yttrium	89-1	13930343	15316036	14520446	14588942	4.77	cps
Yttrium	89-2	1610755	1601965	1631454	1614725	0.94	cps
Zinc	66-2	807298	819994	804811	810701	1.00	cps
Zirconium	90-1	34502	34251	33859	34204	0.95	cps
Zirconium	91-1	7894	8094	7827	7939	1.75	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-02	Instrumnet Name :	P8
Client Sample ID :	MH1ET6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:30:38	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	997279	984851	989781	990637	0.63	cps
Antimony	121-1	16911	17487	16769	17056	2.23	cps
Arsenic	75-2	8686	8492	8680	8619	1.27	cps
Barium	135-1	816256	814194	800617	810356	1.05	cps
Barium	137-1	1398333	1370629	1404923	1391295	1.31	cps
Beryllium	9-1	3374	3362	3372	3369	0.19	cps
Bismuth	209-1	4515098	4513828	4658712	4562546	1.83	cps
Bismuth	209-2	2733358	2672095	2773944	2726466	1.88	cps
Boron	10-1	4100	4156	4124	4126	0.68	cps
Boron	11-1	19755	20899	19974	20209	3.00	cps
Bromine	81-1	29100	30635	31488	30408	3.98	cps
Cadmium	111-1	17660	17269	17384	17438	1.15	cps
Cadmium	106-1	4934	6077	5601	5537	10.36	cps
Cadmium	108-1	1292	1279	1208	1260	3.57	cps
Calcium	43-1	1684609	1685781	1650894	1673761	1.18	cps
Calcium	44-1	26874909	27318200	26848270	27013793	0.98	cps
Carbon	12-1	5617931	5861618	5827470	5769007	2.29	cps
Carbon	12-2	61790	62333	60827	61650	1.24	cps
Chlorine	35-1	34998185	40466054	43952245	39805495	11.34	cps
Chlorine	35-2	354035	369354	380525	367971	3.61	cps
Chromium	52-2	61113	61622	61381	61372	0.41	cps
Cobalt	59-2	81850	80992	82015	81619	0.67	cps
Copper	63-2	836335	813337	817770	822481	1.48	cps
Dysprosium	156-1	54863	57450	56763	56359	2.38	cps
Dysprosium	156-2	26550	26570	26440	26520	0.26	cps
Erbium	164-1	45830	46691	45855	46126	1.06	cps
Erbium	164-2	22149	21905	22419	22158	1.16	cps
Gadolinium	160-1	52638	52504	51050	52064	1.69	cps
Gadolinium	160-2	28470	28056	28076	28201	0.83	cps
Holmium	165-1	8302613	8531370	8728581	8520855	2.50	cps
Holmium	165-2	4144918	4178463	4209938	4177773	0.78	cps
Indium	115-1	8398059	8319162	8424785	8380669	0.66	cps
Indium	115-2	1288861	1292194	1307825	1296293	0.78	cps
Iron	54-2	4886293	4875696	4796026	4852672	1.02	cps
Iron	56-2	92130760	87357027	85589324	88359037	3.83	cps
Iron	57-2	2268863	2243356	2193911	2235377	1.70	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-02	Instrumnet Name :	P8
Client Sample ID :	MH1ET6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:30:38	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	963	1070	1001	5.97	cps
Lead	206-1	3232094	3116203	3164511	3170936	1.84	cps
Lead	207-1	2853263	2718457	2757871	2776530	2.50	cps
Lead	208-1	12750465	12344288	12431791	12508848	1.71	cps
Lithium	6-1	2856805	2865621	2861625	2861351	0.15	cps
Magnesium	24-2	1489833	1471681	1493357	1484957	0.78	cps
Manganese	55-2	2288466	2209298	2148726	2215497	3.16	cps
Molybdenum	94-1	17562	17603	17695	17620	0.39	cps
Molybdenum	95-1	13015	12865	12206	12695	3.39	cps
Molybdenum	96-1	17061	16894	17036	16997	0.53	cps
Molybdenum	97-1	7444	7911	7827	7727	3.22	cps
Molybdenum	98-1	19690	18872	19531	19364	2.24	cps
Neodymium	150-1	93840	95996	91652	93829	2.32	cps
Neodymium	150-2	32423	31765	31795	31994	1.16	cps
Nickel	60-2	60552	59658	59206	59805	1.15	cps
Phosphorus	31-2	9904	9887	10037	9943	0.83	cps
Potassium	39-2	716512	708351	707165	710676	0.72	cps
Rhodium	103-1	8197874	8080717	8033204	8103932	1.05	cps
Rhodium	103-2	3786347	3821685	3851195	3819742	0.85	cps
Scandium	45-1	6910200	7017945	7061158	6996434	1.11	cps
Scandium	45-2	218121	211378	215789	215096	1.59	cps
Selenium	82-1	329	319	155	267	36.55	cps
Selenium	77-2	127	150	157	144	10.91	cps
Selenium	78-2	176	177	184	179	2.43	cps
Silicon	28-1	6310877	6345029	6542182	6399363	1.95	cps
Silver	107-1	35020	35363	36332	35572	1.91	cps
Silver	109-1	33241	32873	34435	33517	2.44	cps
Sodium	23-2	146255	146373	150555	147728	1.66	cps
Strontium	86-1	682860	672874	656336	670690	2.00	cps
Strontium	88-1	5748990	5747149	5625778	5707306	1.24	cps
Sulfur	34-1	461260	465090	464165	463505	0.43	cps
Terbium	159-1	9036985	8993522	9099851	9043453	0.59	cps
Terbium	159-2	4143464	4008297	4142168	4097976	1.90	cps
Thallium	203-1	5168	5185	5301	5218	1.39	cps
Thallium	205-1	11772	12331	12581	12228	3.39	cps
Tin	118-1	81535	81577	84487	82533	2.05	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-02	Instrumnet Name :	P8
Client Sample ID :	MH1ET6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:30:38	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250997	255856	252851	253235	0.97	cps
Uranium	238-1	51841	52886	48653	51127	4.31	cps
Vanadium	51-2	146263	146993	147758	147005	0.51	cps
Ytterbium	172-1	13098	13190	13449	13246	1.37	cps
Ytterbium	172-2	7297	7630	7202	7376	3.05	cps
Ytterbium	176-1	9512	8853	9179	9181	3.59	cps
Ytterbium	176-2	10193	10104	10415	10237	1.57	cps
Yttrium	89-1	14847248	14850142	14878629	14858673	0.12	cps
Yttrium	89-2	1593030	1610498	1624468	1609332	0.98	cps
Zinc	66-2	535745	526395	522662	528267	1.28	cps
Zirconium	90-1	28455	28179	28121	28252	0.63	cps
Zirconium	91-1	5893	6218	6101	6071	2.71	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-03	Instrumnet Name :	P8
Client Sample ID :	MH1ET7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:33:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1432662	1404110	1407705	1414826	1.10	cps
Antimony	121-1	8586	9162	8595	8781	3.76	cps
Arsenic	75-2	7819	7670	7711	7733	1.00	cps
Barium	135-1	911960	916975	931648	920194	1.11	cps
Barium	137-1	1606431	1622360	1631462	1620084	0.78	cps
Beryllium	9-1	3496	3528	3636	3553	2.06	cps
Bismuth	209-1	4705717	4673840	4343125	4574227	4.39	cps
Bismuth	209-2	2795587	2753996	2812125	2787236	1.07	cps
Boron	10-1	3104	3090	3076	3090	0.45	cps
Boron	11-1	14945	15317	15501	15254	1.86	cps
Bromine	81-1	31388	32170	33625	32395	3.50	cps
Cadmium	111-1	5234	5359	5021	5205	3.29	cps
Cadmium	106-1	4126	4342	4184	4217	2.66	cps
Cadmium	108-1	442	400	575	472	19.36	cps
Calcium	43-1	1191849	1218908	1185932	1198896	1.47	cps
Calcium	44-1	20058453	19079585	19263211	19467083	2.67	cps
Carbon	12-1	5535824	5517839	5646572	5566745	1.25	cps
Carbon	12-2	60199	58827	59982	59669	1.24	cps
Chlorine	35-1	45016204	49274796	53223796	49171599	8.35	cps
Chlorine	35-2	409228	417574	434196	420333	3.02	cps
Chromium	52-2	63065	63306	64997	63789	1.65	cps
Cobalt	59-2	84107	83309	82790	83402	0.80	cps
Copper	63-2	279548	276297	272543	276129	1.27	cps
Dysprosium	156-1	77526	76722	78567	77605	1.19	cps
Dysprosium	156-2	36183	36503	35781	36156	1.00	cps
Erbium	164-1	60791	62222	63269	62094	2.00	cps
Erbium	164-2	28922	28848	28277	28682	1.23	cps
Gadolinium	160-1	69752	71100	69374	70075	1.29	cps
Gadolinium	160-2	38786	38054	38967	38603	1.25	cps
Holmium	165-1	8346367	8542566	8478210	8455714	1.18	cps
Holmium	165-2	4342453	4186590	4199280	4242775	2.04	cps
Indium	115-1	8326085	8370141	7847167	8181131	3.55	cps
Indium	115-2	1303222	1302682	1273940	1293281	1.30	cps
Iron	54-2	4273730	4318151	4107042	4232974	2.63	cps
Iron	56-2	77035052	75495049	76135410	76221837	1.01	cps
Iron	57-2	1951954	1946595	1949584	1949378	0.14	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-03	Instrumnet Name :	P8
Client Sample ID :	MH1ET7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:33:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1113	1053	1083	2.77	cps
Lead	206-1	563506	565789	551070	560122	1.41	cps
Lead	207-1	476459	467245	482186	475297	1.59	cps
Lead	208-1	2268245	2225823	2208854	2234307	1.37	cps
Lithium	6-1	2850201	2819787	2824837	2831608	0.58	cps
Magnesium	24-2	1812085	1791577	1801944	1801869	0.57	cps
Manganese	55-2	1219465	1207871	1200211	1209182	0.80	cps
Molybdenum	94-1	17461	17620	17069	17384	1.63	cps
Molybdenum	95-1	14333	14842	14375	14516	1.95	cps
Molybdenum	96-1	18771	18146	18404	18440	1.71	cps
Molybdenum	97-1	8703	8753	8728	8728	0.29	cps
Molybdenum	98-1	23304	22736	22661	22900	1.53	cps
Neodymium	150-1	135625	135463	136070	135719	0.23	cps
Neodymium	150-2	45858	46447	45594	45966	0.95	cps
Nickel	60-2	57439	57084	57034	57186	0.39	cps
Phosphorus	31-2	8336	7911	7844	8030	3.32	cps
Potassium	39-2	958228	956169	957324	957240	0.11	cps
Rhodium	103-1	7962892	8006674	7963971	7977846	0.31	cps
Rhodium	103-2	3848202	3915937	3762473	3842204	2.00	cps
Scandium	45-1	7077382	7242219	6775734	7031778	3.36	cps
Scandium	45-2	220494	216527	216518	217846	1.05	cps
Selenium	82-1	211	251	331	264	23.15	cps
Selenium	77-2	207	240	247	231	9.27	cps
Selenium	78-2	242	208	221	224	7.67	cps
Silicon	28-1	6856402	6919264	6889087	6888251	0.46	cps
Silver	107-1	9128	9078	9512	9240	2.57	cps
Silver	109-1	9053	9587	8753	9131	4.63	cps
Sodium	23-2	151770	151768	151533	151691	0.09	cps
Strontium	86-1	522209	535160	523801	527057	1.34	cps
Strontium	88-1	4513422	4487274	4523579	4508092	0.42	cps
Sulfur	34-1	452274	452648	463173	456032	1.36	cps
Terbium	159-1	9009769	8993413	8569241	8857474	2.82	cps
Terbium	159-2	4178738	4287956	4225893	4230862	1.29	cps
Thallium	203-1	4976	5134	5376	5162	3.90	cps
Thallium	205-1	11264	10963	12340	11522	6.28	cps
Tin	118-1	17311	17161	17729	17400	1.69	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-03	Instrumnet Name :	P8
Client Sample ID :	MH1ET7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:33:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	161974	159719	158430	160041	1.12	cps
Uranium	238-1	53104	52853	51356	52438	1.80	cps
Vanadium	51-2	192067	190149	191388	191201	0.51	cps
Ytterbium	172-1	15810	16077	16778	16222	3.08	cps
Ytterbium	172-2	9298	9053	9787	9379	3.98	cps
Ytterbium	176-1	11664	11080	11238	11327	2.67	cps
Ytterbium	176-2	11427	11494	11822	11581	1.82	cps
Yttrium	89-1	15353174	15637017	14717924	15236038	3.09	cps
Yttrium	89-2	1661770	1632976	1608109	1634285	1.64	cps
Zinc	66-2	113884	114822	116320	115009	1.07	cps
Zirconium	90-1	26309	26419	27038	26589	1.48	cps
Zirconium	91-1	5660	5668	5976	5768	3.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-04	Instrumnet Name :	P8
Client Sample ID :	MH1ET8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:36:27	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1495355	1486513	1444355	1475408	1.85	cps
Antimony	121-1	6593	6018	6318	6310	4.56	cps
Arsenic	75-2	4670	4607	4624	4634	0.70	cps
Barium	135-1	983848	981772	998397	988006	0.92	cps
Barium	137-1	1716663	1703933	1703053	1707883	0.45	cps
Beryllium	9-1	3222	3128	2996	3115	3.64	cps
Bismuth	209-1	4740311	4715489	4598104	4684635	1.62	cps
Bismuth	209-2	2745099	2726538	2734817	2735485	0.34	cps
Boron	10-1	2908	2956	2982	2948	1.27	cps
Boron	11-1	13990	14406	14128	14175	1.50	cps
Bromine	81-1	37488	37931	37721	37713	0.59	cps
Cadmium	111-1	4145	4305	4442	4297	3.46	cps
Cadmium	106-1	4117	4451	4042	4204	5.17	cps
Cadmium	108-1	317	404	388	369	12.58	cps
Calcium	43-1	4546323	4632343	4700025	4626230	1.67	cps
Calcium	44-1	75505762	74212669	74364450	74694293	0.95	cps
Carbon	12-1	5663939	5482772	5587387	5578033	1.63	cps
Carbon	12-2	61120	61864	63806	62264	2.23	cps
Chlorine	35-1	46029290	53317407	56767674	52038124	10.54	cps
Chlorine	35-2	419765	426037	443465	429756	2.86	cps
Chromium	52-2	62279	62014	60849	61714	1.23	cps
Cobalt	59-2	79494	76900	77975	78123	1.67	cps
Copper	63-2	195219	192943	193515	193892	0.61	cps
Dysprosium	156-1	64850	69984	66710	67181	3.87	cps
Dysprosium	156-2	32386	32232	31410	32010	1.64	cps
Erbium	164-1	56228	53826	54471	54842	2.27	cps
Erbium	164-2	25538	25972	25458	25656	1.08	cps
Gadolinium	160-1	61166	61183	64852	62400	3.40	cps
Gadolinium	160-2	33559	33990	33776	33775	0.64	cps
Holmium	165-1	9007169	8510207	8339349	8618909	4.03	cps
Holmium	165-2	4399254	4398145	4207980	4335126	2.54	cps
Indium	115-1	8474492	8563091	8294485	8444023	1.62	cps
Indium	115-2	1295427	1293017	1282772	1290405	0.52	cps
Iron	54-2	4226843	4095437	4119016	4147099	1.69	cps
Iron	56-2	72297674	73645154	74883329	73608719	1.76	cps
Iron	57-2	1864984	1863504	1875834	1868107	0.36	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-04	Instrumnet Name :	P8
Client Sample ID :	MH1ET8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:36:27	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	1017	1050	1030	1.71	cps
Lead	206-1	256047	247532	264009	255863	3.22	cps
Lead	207-1	206984	211660	206737	208460	1.33	cps
Lead	208-1	1002941	997391	995301	998544	0.40	cps
Lithium	6-1	2917507	2881804	2920032	2906447	0.74	cps
Magnesium	24-2	2392672	2435673	2444584	2424310	1.15	cps
Manganese	55-2	930748	939480	933319	934516	0.48	cps
Molybdenum	94-1	17804	18229	18296	18110	1.47	cps
Molybdenum	95-1	16110	15943	16452	16168	1.60	cps
Molybdenum	96-1	20457	20783	20867	20702	1.04	cps
Molybdenum	97-1	9895	9895	9979	9923	0.48	cps
Molybdenum	98-1	25424	26209	25124	25586	2.19	cps
Neodymium	150-1	119579	117270	116983	117944	1.21	cps
Neodymium	150-2	40461	40615	40347	40474	0.33	cps
Nickel	60-2	52724	51731	51449	51968	1.29	cps
Phosphorus	31-2	8853	8920	8361	8711	3.50	cps
Potassium	39-2	737359	750485	742826	743557	0.89	cps
Rhodium	103-1	8067726	8170917	8146630	8128424	0.66	cps
Rhodium	103-2	3810676	3719836	3840518	3790343	1.66	cps
Scandium	45-1	7260465	7210122	6822792	7097793	3.37	cps
Scandium	45-2	221875	219596	217738	219737	0.94	cps
Selenium	82-1	315	363	309	329	8.93	cps
Selenium	77-2	163	197	173	178	9.62	cps
Selenium	78-2	212	186	215	204	7.80	cps
Silicon	28-1	6122920	5817598	5812655	5917724	3.00	cps
Silver	107-1	5176	5134	5360	5223	2.29	cps
Silver	109-1	4993	5259	5001	5084	2.98	cps
Sodium	23-2	182601	183866	184020	183496	0.42	cps
Strontium	86-1	861550	882522	887538	877203	1.57	cps
Strontium	88-1	7347126	7473394	7310690	7377070	1.16	cps
Sulfur	34-1	470989	469016	464972	468326	0.65	cps
Terbium	159-1	8888463	8927230	9248990	9021561	2.19	cps
Terbium	159-2	4204651	4124303	4224780	4184578	1.27	cps
Thallium	203-1	4368	4801	4851	4673	5.69	cps
Thallium	205-1	10788	10972	10254	10671	3.49	cps
Tin	118-1	10888	10029	10379	10432	4.14	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-04	Instrumnet Name :	P8
Client Sample ID :	MH1ET8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:36:27	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	194635	191760	194798	193731	0.88	cps
Uranium	238-1	59969	58620	60789	59792	1.83	cps
Vanadium	51-2	213395	212315	213711	213140	0.34	cps
Ytterbium	172-1	15126	14433	14375	14645	2.85	cps
Ytterbium	172-2	8770	8670	8575	8672	1.12	cps
Ytterbium	176-1	9445	10088	10746	10093	6.45	cps
Ytterbium	176-2	10816	10944	11088	10949	1.24	cps
Yttrium	89-1	15117982	15739614	14746905	15201500	3.30	cps
Yttrium	89-2	1700605	1587805	1629658	1639356	3.48	cps
Zinc	66-2	69423	69272	68033	68909	1.11	cps
Zirconium	90-1	24506	23362	23203	23690	3.00	cps
Zirconium	91-1	5276	5068	5184	5176	2.02	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-05	Instrumnet Name :	P8
Client Sample ID :	MH1ET9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:39:20	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1381597	1326220	1340030	1349282	2.14	cps
Antimony	121-1	14241	14116	13532	13963	2.71	cps
Arsenic	75-2	6323	6210	6228	6254	0.97	cps
Barium	135-1	1101249	1100098	1062305	1087884	2.04	cps
Barium	137-1	1842264	1825205	1928270	1865246	2.96	cps
Beryllium	9-1	3976	4030	4180	4062	2.60	cps
Bismuth	209-1	4699091	4645891	4527978	4624320	1.89	cps
Bismuth	209-2	2867179	2783169	2884717	2845022	1.91	cps
Boron	10-1	5256	5770	5814	5613	5.53	cps
Boron	11-1	25243	27234	27777	26751	4.99	cps
Bromine	81-1	28438	27817	29421	28559	2.83	cps
Cadmium	111-1	15761	16343	15624	15909	2.40	cps
Cadmium	106-1	5243	5701	5485	5476	4.19	cps
Cadmium	108-1	1271	1388	1400	1353	5.27	cps
Calcium	43-1	2744506	2796308	2822091	2787635	1.42	cps
Calcium	44-1	44826593	46357553	44641034	45275060	2.08	cps
Carbon	12-1	8983091	8920416	9225606	9043038	1.78	cps
Carbon	12-2	96451	97045	94791	96096	1.22	cps
Chlorine	35-1	45472753	50667202	55066916	50402290	9.53	cps
Chlorine	35-2	411110	425256	440605	425657	3.47	cps
Chromium	52-2	144997	143253	143503	143918	0.66	cps
Cobalt	59-2	94391	93659	93481	93844	0.51	cps
Copper	63-2	581293	581465	585402	582720	0.40	cps
Dysprosium	156-1	67496	68143	69642	68427	1.61	cps
Dysprosium	156-2	32022	32132	31811	31988	0.51	cps
Erbium	164-1	52789	52070	53267	52708	1.14	cps
Erbium	164-2	25725	25732	26136	25864	0.91	cps
Gadolinium	160-1	62858	60640	61092	61530	1.91	cps
Gadolinium	160-2	34027	33810	33800	33879	0.38	cps
Holmium	165-1	8296156	8404357	8412985	8371166	0.78	cps
Holmium	165-2	4260218	4176080	4437287	4291195	3.11	cps
Indium	115-1	8040359	8226237	8237146	8167914	1.35	cps
Indium	115-2	1308583	1300796	1327094	1312158	1.03	cps
Iron	54-2	6229941	6249086	6259827	6246285	0.24	cps
Iron	56-2	112598033	117408697	114685041	114897257	2.10	cps
Iron	57-2	2947429	2872998	2866496	2895641	1.55	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-05	Instrumnet Name :	P8
Client Sample ID :	MH1ET9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:39:20	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1070	970	1046	6.39	cps
Lead	206-1	2881025	2873453	2876196	2876891	0.13	cps
Lead	207-1	2441725	2366302	2501026	2436351	2.77	cps
Lead	208-1	11392626	11158270	11460326	11337074	1.40	cps
Lithium	6-1	2832579	3026818	2915483	2924960	3.33	cps
Magnesium	24-2	2516679	2451626	2454211	2474172	1.49	cps
Manganese	55-2	2827472	2818483	2830916	2825624	0.23	cps
Molybdenum	94-1	21968	21651	22761	22127	2.58	cps
Molybdenum	95-1	17320	17328	17937	17528	2.02	cps
Molybdenum	96-1	22510	23871	22511	22964	3.42	cps
Molybdenum	97-1	9954	11121	10846	10641	5.74	cps
Molybdenum	98-1	27494	27453	26693	27213	1.66	cps
Neodymium	150-1	116085	115771	116974	116277	0.54	cps
Neodymium	150-2	40060	38646	39589	39432	1.83	cps
Nickel	60-2	70098	69690	69824	69871	0.30	cps
Phosphorus	31-2	18237	18929	18120	18429	2.37	cps
Potassium	39-2	1338213	1325268	1336277	1333253	0.52	cps
Rhodium	103-1	8115205	7998373	7982199	8031926	0.90	cps
Rhodium	103-2	3852490	3906766	3957629	3905628	1.35	cps
Scandium	45-1	7119416	7106672	6859732	7028607	2.08	cps
Scandium	45-2	215902	216878	219958	217579	0.97	cps
Selenium	82-1	281	329	465	358	26.66	cps
Selenium	77-2	127	230	203	187	28.74	cps
Selenium	78-2	212	231	232	225	5.01	cps
Silicon	28-1	7551139	7412463	7461694	7475099	0.94	cps
Silver	107-1	28864	29223	28614	28900	1.06	cps
Silver	109-1	26768	27103	26559	26810	1.02	cps
Sodium	23-2	147364	147768	148206	147780	0.28	cps
Strontium	86-1	1087793	1051199	1037148	1058713	2.47	cps
Strontium	88-1	9059533	8979002	8774915	8937817	1.64	cps
Sulfur	34-1	488264	491315	493595	491058	0.54	cps
Terbium	159-1	9463751	9469917	9087503	9340390	2.34	cps
Terbium	159-2	4353250	4329946	4199232	4294142	1.93	cps
Thallium	203-1	4759	4751	4868	4793	1.36	cps
Thallium	205-1	11247	10680	10955	10960	2.59	cps
Tin	118-1	86131	86181	87512	86608	0.90	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-05	Instrumnet Name :	P8
Client Sample ID :	MH1ET9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:39:20	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	330449	328204	326841	328498	0.55	cps
Uranium	238-1	57181	60898	56703	58261	3.94	cps
Vanadium	51-2	191998	186487	183444	187310	2.31	cps
Ytterbium	172-1	15017	14850	15509	15126	2.27	cps
Ytterbium	172-2	8970	8319	8186	8492	4.94	cps
Ytterbium	176-1	9954	10504	10546	10335	3.20	cps
Ytterbium	176-2	10755	11544	11605	11301	4.20	cps
Yttrium	89-1	15583219	14977590	15011323	15190710	2.24	cps
Yttrium	89-2	1604399	1639710	1655691	1633267	1.61	cps
Zinc	66-2	702156	697157	693399	697570	0.63	cps
Zirconium	90-1	32781	32355	33725	32954	2.13	cps
Zirconium	91-1	7761	7586	7202	7516	3.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-06	Instrumnet Name :	P8
Client Sample ID :	MH1EW0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:42:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1284088	1324720	1301482	1303430	1.56	cps
Antimony	121-1	13098	11814	12948	12620	5.56	cps
Arsenic	75-2	6689	6638	6530	6619	1.23	cps
Barium	135-1	1166354	1137690	1159676	1154574	1.30	cps
Barium	137-1	2053323	2038784	1952368	2014825	2.71	cps
Beryllium	9-1	3980	4082	4134	4065	1.93	cps
Bismuth	209-1	4634008	4481755	4562220	4559328	1.67	cps
Bismuth	209-2	2772419	2716564	2728644	2739209	1.07	cps
Boron	10-1	5010	5200	5590	5267	5.62	cps
Boron	11-1	23785	24638	25441	24621	3.36	cps
Bromine	81-1	30094	30725	30364	30394	1.04	cps
Cadmium	111-1	18192	18210	18744	18382	1.71	cps
Cadmium	106-1	5693	5785	5435	5637	3.22	cps
Cadmium	108-1	1546	1450	1388	1461	5.46	cps
Calcium	43-1	2718263	2750470	2738598	2735777	0.60	cps
Calcium	44-1	43810974	44771764	45014380	44532372	1.43	cps
Carbon	12-1	7124880	7266034	7312627	7234514	1.35	cps
Carbon	12-2	78762	77136	76156	77351	1.70	cps
Chlorine	35-1	44692002	49855548	53701899	49416483	9.15	cps
Chlorine	35-2	382682	393636	399296	391871	2.16	cps
Chromium	52-2	99255	100608	99651	99838	0.70	cps
Cobalt	59-2	97978	96968	98753	97900	0.91	cps
Copper	63-2	663547	647924	652732	654734	1.22	cps
Dysprosium	156-1	65520	65898	67145	66188	1.28	cps
Dysprosium	156-2	30358	30094	30158	30203	0.46	cps
Erbium	164-1	52781	54647	52681	53370	2.07	cps
Erbium	164-2	25070	24813	24276	24720	1.64	cps
Gadolinium	160-1	59634	61987	62096	61239	2.27	cps
Gadolinium	160-2	32246	32520	32236	32334	0.50	cps
Holmium	165-1	8438887	8464282	8125298	8342822	2.26	cps
Holmium	165-2	4274423	4168174	4171997	4204865	1.43	cps
Indium	115-1	7959273	8469536	8318795	8249201	3.18	cps
Indium	115-2	1282076	1256263	1242033	1260124	1.61	cps
Iron	54-2	6158114	6155393	5977596	6097035	1.70	cps
Iron	56-2	113948761	110834189	106367450	110383466	3.45	cps
Iron	57-2	2855556	2803491	2709618	2789555	2.65	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-06	Instrumnet Name :	P8
Client Sample ID :	MH1EW0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:42:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	993	1007	1019	3.28	cps
Lead	206-1	3127272	3158192	3327020	3204161	3.36	cps
Lead	207-1	2701638	2654011	2750856	2702168	1.79	cps
Lead	208-1	12422139	12232526	12737797	12464154	2.05	cps
Lithium	6-1	2747796	2837691	2827164	2804217	1.75	cps
Magnesium	24-2	2229932	2239031	2187960	2218974	1.23	cps
Manganese	55-2	2729220	2686184	2635423	2683609	1.75	cps
Molybdenum	94-1	21734	21434	20532	21233	2.95	cps
Molybdenum	95-1	16377	16719	16485	16527	1.06	cps
Molybdenum	96-1	21642	22127	22110	21960	1.25	cps
Molybdenum	97-1	10563	10029	10304	10299	2.59	cps
Molybdenum	98-1	26810	25658	25975	26147	2.28	cps
Neodymium	150-1	109946	112704	112248	111633	1.32	cps
Neodymium	150-2	38204	38268	36600	37691	2.51	cps
Nickel	60-2	74433	76039	75543	75338	1.09	cps
Phosphorus	31-2	14224	14783	15133	14713	3.12	cps
Potassium	39-2	1092283	1107712	1096368	1098788	0.73	cps
Rhodium	103-1	7978998	7720482	8090559	7930013	2.39	cps
Rhodium	103-2	3746108	3742047	3698920	3729025	0.70	cps
Scandium	45-1	6963869	7041228	6985146	6996748	0.57	cps
Scandium	45-2	211627	213618	207591	210946	1.46	cps
Selenium	82-1	291	369	421	360	18.25	cps
Selenium	77-2	177	180	137	164	14.66	cps
Selenium	78-2	207	204	224	212	5.10	cps
Silicon	28-1	9287755	9548650	9951076	9595827	3.48	cps
Silver	107-1	31027	32698	32564	32097	2.89	cps
Silver	109-1	31771	30593	30359	30908	2.45	cps
Sodium	23-2	151103	154428	150917	152149	1.30	cps
Strontium	86-1	1050641	1085067	1065100	1066936	1.62	cps
Strontium	88-1	8870221	9080060	9194939	9048407	1.82	cps
Sulfur	34-1	478124	482298	489747	483390	1.22	cps
Terbium	159-1	8881917	8983459	9571078	9145484	4.07	cps
Terbium	159-2	4220035	4221750	4111073	4184286	1.52	cps
Thallium	203-1	4543	4776	4876	4732	3.62	cps
Thallium	205-1	11405	11839	12423	11889	4.29	cps
Tin	118-1	92287	95158	96608	94684	2.32	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-06	Instrumnet Name :	P8
Client Sample ID :	MH1EW0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:42:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	302725	307730	307069	305841	0.89	cps
Uranium	238-1	67766	69634	67457	68286	1.72	cps
Vanadium	51-2	182429	183116	182019	182522	0.30	cps
Ytterbium	172-1	15426	15259	14341	15009	3.89	cps
Ytterbium	172-2	8392	8469	8686	8516	1.79	cps
Ytterbium	176-1	10571	10530	10605	10568	0.36	cps
Ytterbium	176-2	10382	10621	11016	10673	3.00	cps
Yttrium	89-1	15046766	14803630	14987656	14946018	0.85	cps
Yttrium	89-2	1600579	1590526	1552514	1581206	1.60	cps
Zinc	66-2	735505	743267	741316	740029	0.55	cps
Zirconium	90-1	32539	31060	32405	32002	2.56	cps
Zirconium	91-1	7027	6485	7294	6935	5.94	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-07	Instrumnet Name :	P8
Client Sample ID :	MH1EW1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:45:08	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1284096	1263422	1261375	1269631	0.99	cps
Antimony	121-1	14692	15426	15951	15356	4.12	cps
Arsenic	75-2	6657	6631	6891	6727	2.13	cps
Barium	135-1	1207881	1244985	1218685	1223850	1.56	cps
Barium	137-1	2149325	2119604	2129243	2132724	0.71	cps
Beryllium	9-1	4252	4228	4392	4290	2.06	cps
Bismuth	209-1	4593687	4595974	4358057	4515906	3.03	cps
Bismuth	209-2	2841574	2691044	2777808	2770142	2.73	cps
Boron	10-1	5224	5238	5370	5277	1.53	cps
Boron	11-1	24554	25395	25657	25202	2.29	cps
Bromine	81-1	29923	31999	30636	30853	3.42	cps
Cadmium	111-1	21549	21884	21156	21530	1.69	cps
Cadmium	106-1	6060	5851	5735	5882	2.80	cps
Cadmium	108-1	1750	1658	1979	1796	9.20	cps
Calcium	43-1	2156624	2134060	2211010	2167231	1.83	cps
Calcium	44-1	34728463	34141101	35870325	34913296	2.52	cps
Carbon	12-1	6263883	6415140	6300487	6326503	1.25	cps
Carbon	12-2	68896	70202	66744	68614	2.54	cps
Chlorine	35-1	47234064	52472755	58069426	52592082	10.30	cps
Chlorine	35-2	406742	418566	421286	415531	1.86	cps
Chromium	52-2	75458	74044	74221	74574	1.03	cps
Cobalt	59-2	98055	97542	96914	97504	0.59	cps
Copper	63-2	828457	825721	819841	824673	0.53	cps
Dysprosium	156-1	60857	61819	62883	61853	1.64	cps
Dysprosium	156-2	28470	28380	28658	28503	0.50	cps
Erbium	164-1	50355	52162	51443	51320	1.77	cps
Erbium	164-2	23905	23454	23334	23564	1.28	cps
Gadolinium	160-1	56186	57166	55501	56284	1.49	cps
Gadolinium	160-2	30823	31688	30732	31081	1.70	cps
Holmium	165-1	8408915	8499047	7907828	8271930	3.85	cps
Holmium	165-2	4218287	4079030	4232252	4176523	2.03	cps
Indium	115-1	8340884	8277811	7428106	8015600	6.36	cps
Indium	115-2	1265293	1267948	1258723	1263988	0.38	cps
Iron	54-2	5843917	5721139	5842557	5802537	1.21	cps
Iron	56-2	105216047	106981277	105164758	105787361	0.98	cps
Iron	57-2	2659049	2730685	2653018	2680917	1.61	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-07	Instrumnet Name :	P8
Client Sample ID :	MH1EW1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:45:08	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1093	1010	1048	4.03	cps
Lead	206-1	3768027	3672008	3659529	3699855	1.60	cps
Lead	207-1	3186102	3182899	3174863	3181288	0.18	cps
Lead	208-1	14507095	14442526	14503890	14484504	0.25	cps
Lithium	6-1	2843336	2987161	2701336	2843944	5.03	cps
Magnesium	24-2	1874892	1855588	1848798	1859760	0.73	cps
Manganese	55-2	3165266	3177446	3159594	3167435	0.29	cps
Molybdenum	94-1	21484	21909	23554	22316	4.90	cps
Molybdenum	95-1	13899	14333	14600	14277	2.48	cps
Molybdenum	96-1	20032	19965	20149	20048	0.46	cps
Molybdenum	97-1	9287	9011	9537	9278	2.83	cps
Molybdenum	98-1	21893	22986	22385	22421	2.44	cps
Neodymium	150-1	100629	97824	103478	100644	2.81	cps
Neodymium	150-2	34996	34698	34595	34763	0.60	cps
Nickel	60-2	74571	72953	74344	73956	1.18	cps
Phosphorus	31-2	15342	14633	14516	14830	3.01	cps
Potassium	39-2	865571	850742	843652	853322	1.31	cps
Rhodium	103-1	8231147	8312310	7638395	8060617	4.56	cps
Rhodium	103-2	3708109	3771645	3715670	3731808	0.93	cps
Scandium	45-1	7098266	7129296	6570490	6932684	4.53	cps
Scandium	45-2	215486	212787	209895	212723	1.31	cps
Selenium	82-1	293	172	368	278	35.62	cps
Selenium	77-2	217	203	147	189	19.68	cps
Selenium	78-2	188	192	209	196	5.68	cps
Silicon	28-1	7144189	7003826	7461904	7203306	3.26	cps
Silver	107-1	41999	43252	41614	42288	2.03	cps
Silver	109-1	41347	42082	41137	41522	1.19	cps
Sodium	23-2	196320	195889	193853	195354	0.67	cps
Strontium	86-1	1085685	1124084	1098745	1102838	1.77	cps
Strontium	88-1	9145208	9078614	9399470	9207764	1.84	cps
Sulfur	34-1	476853	473198	477555	475869	0.49	cps
Terbium	159-1	9121628	9127866	8563094	8937529	3.63	cps
Terbium	159-2	4087806	4132241	4193830	4137959	1.29	cps
Thallium	203-1	5418	5160	5610	5396	4.19	cps
Thallium	205-1	12732	11722	12298	12251	4.13	cps
Tin	118-1	140570	142577	139863	141003	1.00	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-07	Instrumnet Name :	P8
Client Sample ID :	MH1EW1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:45:08	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	306687	316790	315590	313022	1.76	cps
Uranium	238-1	66392	66978	67933	67101	1.16	cps
Vanadium	51-2	158542	160274	157510	158775	0.88	cps
Ytterbium	172-1	14492	14817	15593	14967	3.78	cps
Ytterbium	172-2	8692	8142	8347	8394	3.31	cps
Ytterbium	176-1	9971	9929	10087	9996	0.82	cps
Ytterbium	176-2	10927	10938	10732	10866	1.06	cps
Yttrium	89-1	15072589	15259459	14018039	14783362	4.53	cps
Yttrium	89-2	1620447	1573211	1558178	1583945	2.05	cps
Zinc	66-2	919393	900074	904796	908088	1.11	cps
Zirconium	90-1	40167	41179	42048	41131	2.29	cps
Zirconium	91-1	8836	8978	8445	8753	3.16	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-08	Instrumnet Name :	P8
Client Sample ID :	MH1EW2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:48:03	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1320611	1351709	1351795	1341372	1.34	cps
Antimony	121-1	15025	14633	15009	14889	1.49	cps
Arsenic	75-2	6895	6798	6968	6887	1.24	cps
Barium	135-1	1110446	1062388	1070840	1081225	2.37	cps
Barium	137-1	1959452	1889762	1881716	1910310	2.24	cps
Beryllium	9-1	4506	4456	4228	4396	3.37	cps
Bismuth	209-1	4810652	4803968	4535190	4716603	3.33	cps
Bismuth	209-2	2724725	2812303	2779247	2772091	1.60	cps
Boron	10-1	4840	5192	5038	5023	3.51	cps
Boron	11-1	23636	24526	24658	24273	2.29	cps
Bromine	81-1	31709	32211	32622	32181	1.42	cps
Cadmium	111-1	20069	20306	20115	20164	0.62	cps
Cadmium	106-1	5801	5976	5743	5840	2.08	cps
Cadmium	108-1	1621	1463	1500	1528	5.42	cps
Calcium	43-1	2192937	2178007	2128859	2166601	1.55	cps
Calcium	44-1	35998965	36195849	34188402	35461072	3.12	cps
Carbon	12-1	6360559	6578842	6665065	6534822	2.40	cps
Carbon	12-2	68888	70185	69582	69552	0.93	cps
Chlorine	35-1	50588791	55248007	56904908	54247235	6.04	cps
Chlorine	35-2	396822	407493	406550	403622	1.46	cps
Chromium	52-2	71079	70389	69481	70316	1.14	cps
Cobalt	59-2	96357	96361	97434	96717	0.64	cps
Copper	63-2	778969	779952	776878	778599	0.20	cps
Dysprosium	156-1	69700	70847	68720	69756	1.53	cps
Dysprosium	156-2	32343	31504	30575	31474	2.81	cps
Erbium	164-1	55584	57459	55676	56240	1.88	cps
Erbium	164-2	26360	25030	25591	25660	2.60	cps
Gadolinium	160-1	62321	63234	63116	62890	0.79	cps
Gadolinium	160-2	34117	33666	33800	33861	0.68	cps
Holmium	165-1	8754193	8624431	8458204	8612276	1.72	cps
Holmium	165-2	4041514	4226821	4051267	4106534	2.54	cps
Indium	115-1	8661438	8386012	8397789	8481746	1.84	cps
Indium	115-2	1268020	1269955	1266867	1268281	0.12	cps
Iron	54-2	5660470	5549585	5542157	5584071	1.19	cps
Iron	56-2	100967711	101386924	101692950	101349195	0.36	cps
Iron	57-2	2629172	2557373	2618492	2601679	1.49	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-08	Instrumnet Name :	P8
Client Sample ID :	MH1EW2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:48:03	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1010	927	1033	11.62	cps
Lead	206-1	3339300	3261603	3121569	3240824	3.40	cps
Lead	207-1	2842089	2750542	2697335	2763322	2.65	cps
Lead	208-1	13045661	12727787	12321026	12698158	2.86	cps
Lithium	6-1	2885789	2918832	2879592	2894738	0.73	cps
Magnesium	24-2	1911617	1895464	1887494	1898191	0.65	cps
Manganese	55-2	2733170	2746993	2719140	2733101	0.51	cps
Molybdenum	94-1	20558	21400	20991	20983	2.01	cps
Molybdenum	95-1	14608	14817	14466	14630	1.20	cps
Molybdenum	96-1	20399	19873	19372	19881	2.58	cps
Molybdenum	97-1	9245	8786	8228	8753	5.82	cps
Molybdenum	98-1	22202	21876	21108	21729	2.58	cps
Neodymium	150-1	115831	119502	118058	117797	1.57	cps
Neodymium	150-2	39702	39498	38632	39278	1.45	cps
Nickel	60-2	69767	69924	69184	69625	0.56	cps
Phosphorus	31-2	12965	13131	13915	13337	3.81	cps
Potassium	39-2	832172	832693	826521	830462	0.41	cps
Rhodium	103-1	8088436	8044671	8100075	8077727	0.36	cps
Rhodium	103-2	3800087	3755034	3757922	3771014	0.67	cps
Scandium	45-1	7351452	7145885	6803565	7100301	3.90	cps
Scandium	45-2	208907	213109	212567	211528	1.08	cps
Selenium	82-1	224	287	379	297	26.31	cps
Selenium	77-2	187	190	210	196	6.45	cps
Selenium	78-2	179	191	206	192	7.04	cps
Silicon	28-1	7233554	8062782	7656042	7650792	5.42	cps
Silver	107-1	40435	40728	39733	40299	1.27	cps
Silver	109-1	38204	39566	39014	38928	1.76	cps
Sodium	23-2	232932	231418	231207	231852	0.41	cps
Strontium	86-1	1045735	1064461	1023277	1044491	1.97	cps
Strontium	88-1	8679281	8848198	8728782	8752087	0.99	cps
Sulfur	34-1	470382	471850	466919	469717	0.54	cps
Terbium	159-1	9296516	9067448	9377368	9247111	1.74	cps
Terbium	159-2	4193976	4136913	4092532	4141140	1.23	cps
Thallium	203-1	4984	5018	5368	5123	4.15	cps
Thallium	205-1	12139	12773	12273	12395	2.70	cps
Tin	118-1	152244	151284	152523	152017	0.43	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-08	Instrumnet Name :	P8
Client Sample ID :	MH1EW2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:48:03	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	277688	267690	284925	276768	3.13	cps
Uranium	238-1	73723	74194	76633	74850	2.09	cps
Vanadium	51-2	167356	168372	165701	167143	0.81	cps
Ytterbium	172-1	16361	16302	15601	16088	2.63	cps
Ytterbium	172-2	8592	8820	8453	8622	2.15	cps
Ytterbium	176-1	10696	9929	11080	10568	5.55	cps
Ytterbium	176-2	11044	11667	11439	11383	2.77	cps
Yttrium	89-1	14952821	14809387	15238736	15000315	1.46	cps
Yttrium	89-2	1605887	1615852	1534982	1585574	2.78	cps
Zinc	66-2	635290	630543	622719	629517	1.01	cps
Zirconium	90-1	37911	35730	38078	37240	3.52	cps
Zirconium	91-1	8561	8261	8103	8308	2.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-09	Instrumnet Name :	P8
Client Sample ID :	MH1EW3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:50:56	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1413847	1416098	1390173	1406706	1.02	cps
Antimony	121-1	15685	16027	16594	16102	2.85	cps
Arsenic	75-2	5313	5303	5223	5279	0.93	cps
Barium	135-1	1101339	1061782	1109930	1091017	2.35	cps
Barium	137-1	1868729	1837083	1903085	1869632	1.77	cps
Beryllium	9-1	5628	5586	5652	5622	0.59	cps
Bismuth	209-1	4548539	4731711	4404847	4561699	3.59	cps
Bismuth	209-2	2728506	2754095	2670242	2717614	1.58	cps
Boron	10-1	7382	7883	7875	7713	3.71	cps
Boron	11-1	36203	37835	39463	37834	4.31	cps
Bromine	81-1	28298	27656	28358	28104	1.39	cps
Cadmium	111-1	14042	13405	14641	14029	4.40	cps
Cadmium	106-1	5501	5259	5385	5382	2.25	cps
Cadmium	108-1	1225	1200	1217	1214	1.05	cps
Calcium	43-1	4127255	4170370	4120398	4139341	0.65	cps
Calcium	44-1	66542302	67266682	66201891	66670292	0.82	cps
Carbon	12-1	8222593	8562207	8469419	8418073	2.09	cps
Carbon	12-2	93297	87905	92600	91267	3.21	cps
Chlorine	35-1	46926228	52362030	55105324	51464528	8.09	cps
Chlorine	35-2	383770	394492	401250	393171	2.24	cps
Chromium	52-2	233052	230369	232811	232077	0.64	cps
Cobalt	59-2	85052	85273	82997	84441	1.49	cps
Copper	63-2	600851	600278	595704	598944	0.47	cps
Dysprosium	156-1	62824	63301	63796	63307	0.77	cps
Dysprosium	156-2	28638	28668	28621	28642	0.08	cps
Erbium	164-1	51468	50506	51693	51222	1.23	cps
Erbium	164-2	23638	23210	22643	23164	2.15	cps
Gadolinium	160-1	56714	56889	57735	57112	0.96	cps
Gadolinium	160-2	30559	29997	29767	30108	1.35	cps
Holmium	165-1	8275355	8664930	8543271	8494519	2.35	cps
Holmium	165-2	4237775	4249449	4177761	4221662	0.91	cps
Indium	115-1	8173240	8367592	8559538	8366790	2.31	cps
Indium	115-2	1267345	1276013	1249563	1264307	1.07	cps
Iron	54-2	5817728	5826004	5691028	5778254	1.31	cps
Iron	56-2	102780780	104208791	102972691	103320754	0.75	cps
Iron	57-2	2687755	2647215	2629156	2654709	1.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-09	Instrumnet Name :	P8
Client Sample ID :	MH1EW3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:50:56	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1037	1010	1037	2.57	cps
Lead	206-1	3022807	2976845	3148971	3049541	2.92	cps
Lead	207-1	2664621	2578778	2546539	2596646	2.35	cps
Lead	208-1	12079712	11886107	11729388	11898402	1.47	cps
Lithium	6-1	2857212	2850044	2860645	2855967	0.19	cps
Magnesium	24-2	2812163	2766175	2735135	2771157	1.40	cps
Manganese	55-2	3831831	3839936	3803678	3825148	0.50	cps
Molybdenum	94-1	26935	26342	26501	26593	1.15	cps
Molybdenum	95-1	25566	25825	25174	25521	1.28	cps
Molybdenum	96-1	30534	31771	32104	31470	2.63	cps
Molybdenum	97-1	15743	16327	15601	15890	2.42	cps
Molybdenum	98-1	40384	40552	41446	40794	1.40	cps
Neodymium	150-1	102833	105513	104748	104365	1.32	cps
Neodymium	150-2	36142	34996	35290	35476	1.68	cps
Nickel	60-2	84821	83419	83551	83930	0.92	cps
Phosphorus	31-2	13014	13006	12689	12903	1.44	cps
Potassium	39-2	979325	968390	980704	976140	0.69	cps
Rhodium	103-1	7696965	8161486	7920120	7926190	2.93	cps
Rhodium	103-2	3825886	3771224	3678179	3758430	1.99	cps
Scandium	45-1	6904951	7118321	7002577	7008616	1.52	cps
Scandium	45-2	211409	213455	207726	210863	1.38	cps
Selenium	82-1	317	389	369	358	10.34	cps
Selenium	77-2	150	167	140	152	8.85	cps
Selenium	78-2	197	182	201	193	5.18	cps
Silicon	28-1	19602831	19957235	19599965	19720010	1.04	cps
Silver	107-1	26317	25791	24982	25697	2.62	cps
Silver	109-1	24472	25165	24489	24709	1.60	cps
Sodium	23-2	265767	255701	254372	258613	2.41	cps
Strontium	86-1	1525958	1561094	1520526	1535860	1.43	cps
Strontium	88-1	12707466	13064298	13104218	12958660	1.69	cps
Sulfur	34-1	529702	525954	527021	527559	0.37	cps
Terbium	159-1	8964093	9186470	9148392	9099652	1.31	cps
Terbium	159-2	4161713	4174870	4016034	4117539	2.14	cps
Thallium	203-1	4101	4017	4159	4092	1.74	cps
Thallium	205-1	9387	9020	9996	9468	5.20	cps
Tin	118-1	90693	92145	90693	91177	0.92	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-09	Instrumnet Name :	P8
Client Sample ID :	MH1EW3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:50:56	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	436458	434399	439681	436846	0.61	cps
Uranium	238-1	78294	78033	76692	77673	1.11	cps
Vanadium	51-2	180386	180059	178013	179486	0.72	cps
Ytterbium	172-1	13516	15193	14875	14528	6.13	cps
Ytterbium	172-2	8169	8164	7847	8060	2.29	cps
Ytterbium	176-1	10038	10046	10329	10138	1.64	cps
Ytterbium	176-2	10621	10938	11044	10868	2.02	cps
Yttrium	89-1	14813203	14936029	15121946	14957059	1.04	cps
Yttrium	89-2	1575256	1605580	1533975	1571604	2.29	cps
Zinc	66-2	634228	630555	634313	633032	0.34	cps
Zirconium	90-1	33458	32439	33533	33143	1.84	cps
Zirconium	91-1	7285	7519	7711	7505	2.84	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-10	Instrumnet Name :	P8
Client Sample ID :	MH1EW4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:53:51	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1185012	1183776	1194135	1187641	0.48	cps
Antimony	121-1	13432	14408	14208	14016	3.68	cps
Arsenic	75-2	7162	7361	7165	7229	1.58	cps
Barium	135-1	1056365	1066572	1076188	1066375	0.93	cps
Barium	137-1	1843830	1824051	1837439	1835106	0.55	cps
Beryllium	9-1	4618	4428	4336	4460	3.22	cps
Bismuth	209-1	4822574	4795524	4638425	4752174	2.09	cps
Bismuth	209-2	2736905	2805049	2731920	2757958	1.48	cps
Boron	10-1	4596	4946	5124	4889	5.50	cps
Boron	11-1	22711	23562	24049	23441	2.89	cps
Bromine	81-1	29301	30204	28519	29341	2.87	cps
Cadmium	111-1	22323	21884	22096	22101	0.99	cps
Cadmium	106-1	5710	6001	6185	5965	4.02	cps
Cadmium	108-1	1679	1788	1792	1753	3.64	cps
Calcium	43-1	2598639	2512507	2592955	2568033	1.88	cps
Calcium	44-1	42138330	42582016	42040220	42253522	0.68	cps
Carbon	12-1	6155005	6322913	6264297	6247405	1.36	cps
Carbon	12-2	64350	66251	65196	65265	1.46	cps
Chlorine	35-1	49134764	52074043	55155218	52121341	5.78	cps
Chlorine	35-2	397650	411586	423953	411063	3.20	cps
Chromium	52-2	87844	86520	87006	87124	0.77	cps
Cobalt	59-2	91918	92223	92243	92128	0.20	cps
Copper	63-2	821708	815080	818665	818485	0.41	cps
Dysprosium	156-1	62950	62648	63284	62960	0.51	cps
Dysprosium	156-2	28487	28958	28260	28568	1.25	cps
Erbium	164-1	51032	50841	49050	50308	2.17	cps
Erbium	164-2	23935	23521	23484	23647	1.06	cps
Gadolinium	160-1	57818	59057	55809	57561	2.85	cps
Gadolinium	160-2	30024	29747	29877	29882	0.46	cps
Holmium	165-1	8871203	8652703	8438181	8654029	2.50	cps
Holmium	165-2	4019699	4140152	4237239	4132364	2.64	cps
Indium	115-1	8492157	8216691	8051885	8253578	2.70	cps
Indium	115-2	1262575	1257902	1264677	1261718	0.27	cps
Iron	54-2	5906187	5816608	5836297	5853031	0.80	cps
Iron	56-2	106110458	104206686	107477605	105931583	1.55	cps
Iron	57-2	2741218	2698809	2679026	2706351	1.17	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-10	Instrumnet Name :	P8
Client Sample ID :	MH1EW4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:53:51	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	1033	1023	1010	3.18	cps
Lead	206-1	3963681	4067271	3986752	4005902	1.36	cps
Lead	207-1	3412075	3300002	3291161	3334413	2.02	cps
Lead	208-1	15573200	15569608	15246175	15462994	1.21	cps
Lithium	6-1	2974891	2924915	2992492	2964099	1.18	cps
Magnesium	24-2	1960994	1945832	2026023	1977617	2.15	cps
Manganese	55-2	3194335	3212646	3260137	3222373	1.05	cps
Molybdenum	94-1	20499	21158	20474	20710	1.87	cps
Molybdenum	95-1	15876	16252	16051	16060	1.17	cps
Molybdenum	96-1	20858	20641	21370	20956	1.79	cps
Molybdenum	97-1	9178	9687	9253	9373	2.93	cps
Molybdenum	98-1	23354	25006	23637	23999	3.68	cps
Neodymium	150-1	104410	105306	104438	104718	0.49	cps
Neodymium	150-2	34327	34391	34979	34566	1.04	cps
Nickel	60-2	79055	79551	79732	79446	0.44	cps
Phosphorus	31-2	13173	12347	11964	12495	4.95	cps
Potassium	39-2	834629	819798	839234	831220	1.22	cps
Rhodium	103-1	7996285	8101547	7994659	8030830	0.76	cps
Rhodium	103-2	3635665	3706954	3760198	3700939	1.69	cps
Scandium	45-1	7158671	7183512	7014394	7118859	1.28	cps
Scandium	45-2	210145	210787	210280	210404	0.16	cps
Selenium	82-1	304	326	244	291	14.57	cps
Selenium	77-2	177	177	157	170	6.79	cps
Selenium	78-2	184	186	208	193	6.91	cps
Silicon	28-1	8073377	8134322	8154923	8120874	0.52	cps
Silver	107-1	43386	43018	41095	42500	2.89	cps
Silver	109-1	41655	40719	41146	41173	1.14	cps
Sodium	23-2	148131	147473	151879	149161	1.59	cps
Strontium	86-1	945672	968358	981878	965303	1.90	cps
Strontium	88-1	8231564	8428585	8364555	8341568	1.20	cps
Sulfur	34-1	469555	472198	476077	472610	0.69	cps
Terbium	159-1	9496752	9298130	9110350	9301744	2.08	cps
Terbium	159-2	4049885	4070944	4132734	4084521	1.05	cps
Thallium	203-1	4901	5360	5185	5148	4.49	cps
Thallium	205-1	12440	12089	12531	12354	1.89	cps
Tin	118-1	118731	117884	112764	116460	2.77	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-10	Instrumnet Name :	P8
Client Sample ID :	MH1EW4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:53:51	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	305076	305913	300358	303782	0.99	cps
Uranium	238-1	71955	70270	69944	70723	1.53	cps
Vanadium	51-2	158558	159178	159940	159226	0.43	cps
Ytterbium	172-1	14976	15101	14834	14970	0.89	cps
Ytterbium	172-2	8325	8325	8153	8268	1.20	cps
Ytterbium	176-1	10012	10104	10338	10151	1.65	cps
Ytterbium	176-2	10171	10955	11338	10821	5.50	cps
Yttrium	89-1	15190941	15060549	14615690	14955727	2.02	cps
Yttrium	89-2	1573198	1570689	1553772	1565886	0.67	cps
Zinc	66-2	761982	775632	777115	771576	1.08	cps
Zirconium	90-1	34702	34453	32998	34051	2.70	cps
Zirconium	91-1	7761	7727	7786	7758	0.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-11	Instrumnet Name :	P8
Client Sample ID :	MH1EW5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:56:44	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1234387	1217593	1183792	1211924	2.13	cps
Antimony	121-1	10037	10429	10596	10354	2.77	cps
Arsenic	75-2	5506	5668	5528	5567	1.58	cps
Barium	135-1	851380	843549	826310	840413	1.53	cps
Barium	137-1	1454937	1427564	1383496	1421999	2.53	cps
Beryllium	9-1	3540	3538	3562	3546	0.38	cps
Bismuth	209-1	4585107	4852282	4578305	4671898	3.34	cps
Bismuth	209-2	2798997	2827894	2684691	2770528	2.73	cps
Boron	10-1	3648	3686	3780	3704	1.83	cps
Boron	11-1	16708	17727	18266	17567	4.50	cps
Bromine	81-1	29863	30344	29752	29986	1.05	cps
Cadmium	111-1	11312	11377	11722	11470	1.92	cps
Cadmium	106-1	5093	4726	4784	4868	4.05	cps
Cadmium	108-1	950	858	921	910	5.15	cps
Calcium	43-1	1796577	1896244	1852922	1848581	2.70	cps
Calcium	44-1	29474075	29853117	29618778	29648656	0.65	cps
Carbon	12-1	5618550	5278716	5444354	5447206	3.12	cps
Carbon	12-2	58710	56719	58835	58088	2.04	cps
Chlorine	35-1	48541978	52754994	55696707	52331227	6.87	cps
Chlorine	35-2	387052	395322	403894	395423	2.13	cps
Chromium	52-2	61870	62027	60896	61598	1.00	cps
Cobalt	59-2	82625	83530	83114	83090	0.55	cps
Copper	63-2	471142	473472	461493	468702	1.36	cps
Dysprosium	156-1	70706	69230	70345	70094	1.10	cps
Dysprosium	156-2	32072	32506	32145	32241	0.72	cps
Erbium	164-1	56789	57006	57100	56965	0.28	cps
Erbium	164-2	26009	26560	25712	26094	1.65	cps
Gadolinium	160-1	65228	64290	65337	64951	0.89	cps
Gadolinium	160-2	35040	34902	34518	34820	0.78	cps
Holmium	165-1	8204921	8682168	8511907	8466332	2.86	cps
Holmium	165-2	4156093	4245127	4031521	4144247	2.59	cps
Indium	115-1	7941971	8327157	8049101	8106076	2.45	cps
Indium	115-2	1253247	1283900	1213405	1250184	2.83	cps
Iron	54-2	4430781	4498445	4433182	4454136	0.86	cps
Iron	56-2	80468224	79280466	80444582	80064424	0.85	cps
Iron	57-2	2073886	2094550	2044793	2071076	1.21	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-11	Instrumnet Name :	P8
Client Sample ID :	MH1EW5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:56:44	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	967	887	971	8.93	cps
Lead	206-1	1446689	1448475	1452105	1449090	0.19	cps
Lead	207-1	1302798	1250228	1226199	1259742	3.11	cps
Lead	208-1	6074547	5971744	5935226	5993839	1.21	cps
Lithium	6-1	3002801	2924059	2863670	2930177	2.38	cps
Magnesium	24-2	1790121	1768859	1823884	1794288	1.55	cps
Manganese	55-2	1729053	1756899	1742478	1742810	0.80	cps
Molybdenum	94-1	16969	17446	16026	16814	4.30	cps
Molybdenum	95-1	14491	15609	15426	15175	3.95	cps
Molybdenum	96-1	18897	19664	19306	19289	1.99	cps
Molybdenum	97-1	8995	9945	8836	9259	6.48	cps
Molybdenum	98-1	23771	24038	23454	23754	1.23	cps
Neodymium	150-1	122215	121843	118109	120722	1.88	cps
Neodymium	150-2	41568	41210	40608	41129	1.18	cps
Nickel	60-2	58292	56606	58593	57830	1.85	cps
Phosphorus	31-2	11471	11155	11021	11216	2.06	cps
Potassium	39-2	830775	853889	836927	840530	1.42	cps
Rhodium	103-1	7646302	8264506	8219834	8043547	4.29	cps
Rhodium	103-2	3806020	3866230	3637258	3769836	3.15	cps
Scandium	45-1	6654235	7064007	6877163	6865135	2.99	cps
Scandium	45-2	212587	208249	199689	206842	3.17	cps
Selenium	82-1	177	297	409	294	39.47	cps
Selenium	77-2	200	203	237	213	9.50	cps
Selenium	78-2	199	192	200	197	2.21	cps
Silicon	28-1	5855405	5552559	5988069	5798678	3.85	cps
Silver	107-1	19907	19231	19464	19534	1.76	cps
Silver	109-1	19172	18379	18805	18785	2.11	cps
Sodium	23-2	118950	120051	121326	120109	0.99	cps
Strontium	86-1	694825	696398	706777	699334	0.93	cps
Strontium	88-1	5936823	5956364	5983465	5958884	0.39	cps
Sulfur	34-1	453735	455381	460946	456687	0.83	cps
Terbium	159-1	9212526	9271329	9218328	9234061	0.35	cps
Terbium	159-2	4158355	4178811	4119467	4152211	0.73	cps
Thallium	203-1	4718	4826	4776	4773	1.14	cps
Thallium	205-1	11489	11731	11831	11683	1.50	cps
Tin	118-1	58526	58400	58995	58641	0.53	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-11	Instrumnet Name :	P8
Client Sample ID :	MH1EW5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:56:44	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	203012	202859	209660	205177	1.89	cps
Uranium	238-1	54912	57297	58536	56915	3.24	cps
Vanadium	51-2	155918	155920	156233	156024	0.12	cps
Ytterbium	172-1	16260	15443	15326	15676	3.25	cps
Ytterbium	172-2	8542	8892	8314	8583	3.39	cps
Ytterbium	176-1	10563	10580	9921	10354	3.63	cps
Ytterbium	176-2	11261	11383	11277	11307	0.59	cps
Yttrium	89-1	14735869	15136666	14806377	14892970	1.44	cps
Yttrium	89-2	1613772	1608222	1542571	1588188	2.49	cps
Zinc	66-2	314855	315477	312442	314258	0.51	cps
Zirconium	90-1	22953	23287	22285	22842	2.23	cps
Zirconium	91-1	4743	5101	5043	4962	3.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-12	Instrumnet Name :	P8
Client Sample ID :	MH1EW6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:59:40	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1157706	1161241	1152782	1157243	0.37	cps
Antimony	121-1	6485	7327	7677	7163	8.56	cps
Arsenic	75-2	4880	4777	4720	4793	1.69	cps
Barium	135-1	822037	830639	854084	835587	1.99	cps
Barium	137-1	1439664	1439441	1488060	1455722	1.92	cps
Beryllium	9-1	3048	2990	3068	3035	1.34	cps
Bismuth	209-1	4752370	4674934	4416808	4614704	3.81	cps
Bismuth	209-2	2751556	2768243	2625123	2714974	2.88	cps
Boron	10-1	3464	3550	3582	3532	1.73	cps
Boron	11-1	16999	16662	16826	16829	1.00	cps
Bromine	81-1	33013	34518	34819	34117	2.84	cps
Cadmium	111-1	4890	5153	5304	5116	4.10	cps
Cadmium	106-1	4226	3976	4284	4162	3.94	cps
Cadmium	108-1	388	404	388	393	2.45	cps
Calcium	43-1	3411146	3541231	3505434	3485937	1.93	cps
Calcium	44-1	55376983	57447553	57515032	56779856	2.14	cps
Carbon	12-1	5600971	5480665	5462079	5514572	1.37	cps
Carbon	12-2	58969	58685	59605	59086	0.80	cps
Chlorine	35-1	43375363	49577846	52584065	48512425	9.68	cps
Chlorine	35-2	368507	382220	389886	380205	2.85	cps
Chromium	52-2	54915	54085	54564	54521	0.76	cps
Cobalt	59-2	70226	70259	69978	70154	0.22	cps
Copper	63-2	229113	230455	228828	229465	0.38	cps
Dysprosium	156-1	61518	61552	62882	61984	1.26	cps
Dysprosium	156-2	28972	29262	28517	28917	1.30	cps
Erbium	164-1	50229	49377	51459	50355	2.08	cps
Erbium	164-2	22596	22649	23003	22750	0.97	cps
Gadolinium	160-1	56370	57032	55542	56315	1.33	cps
Gadolinium	160-2	30044	30692	30254	30330	1.09	cps
Holmium	165-1	8684827	8589721	8570674	8615074	0.71	cps
Holmium	165-2	4269084	4176209	4223016	4222770	1.10	cps
Indium	115-1	8682086	8377178	8165060	8408108	3.09	cps
Indium	115-2	1281696	1281598	1210591	1257962	3.26	cps
Iron	54-2	3518090	3529600	3479608	3509099	0.75	cps
Iron	56-2	62405206	64166682	64627495	63733127	1.84	cps
Iron	57-2	1608350	1635261	1614623	1619412	0.87	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-12	Instrumnet Name :	P8
Client Sample ID :	MH1EW6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:59:40	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	913	1030	1010	984	6.34	cps
Lead	206-1	463506	466121	483180	470936	2.27	cps
Lead	207-1	396837	403874	405596	402102	1.15	cps
Lead	208-1	1840242	1847366	1841928	1843179	0.20	cps
Lithium	6-1	2970739	2961839	2859914	2930831	2.10	cps
Magnesium	24-2	1902467	1853505	1873097	1876357	1.31	cps
Manganese	55-2	1006968	1001837	999732	1002846	0.37	cps
Molybdenum	94-1	16118	15492	15159	15590	3.12	cps
Molybdenum	95-1	13957	14299	14383	14213	1.59	cps
Molybdenum	96-1	18496	18037	17103	17879	3.97	cps
Molybdenum	97-1	9087	8636	8770	8831	2.62	cps
Molybdenum	98-1	22861	22444	21976	22427	1.97	cps
Neodymium	150-1	109329	107623	110031	108994	1.14	cps
Neodymium	150-2	37586	36289	36717	36864	1.79	cps
Nickel	60-2	57589	56070	57265	56975	1.40	cps
Phosphorus	31-2	9303	8920	9036	9086	2.16	cps
Potassium	39-2	666586	670212	672915	669904	0.47	cps
Rhodium	103-1	7888199	8298737	7668947	7951961	4.02	cps
Rhodium	103-2	3665280	3789760	3582789	3679276	2.83	cps
Scandium	45-1	6972023	7066491	7005693	7014736	0.68	cps
Scandium	45-2	210925	210777	200184	207295	2.97	cps
Selenium	82-1	401	287	263	317	23.22	cps
Selenium	77-2	140	203	167	170	18.71	cps
Selenium	78-2	184	178	175	179	2.56	cps
Silicon	28-1	5414972	5546198	5414023	5458398	1.39	cps
Silver	107-1	8069	8153	7436	7886	4.97	cps
Silver	109-1	7085	7561	7386	7344	3.27	cps
Sodium	23-2	115489	114263	115707	115153	0.68	cps
Strontium	86-1	743439	743480	739589	742169	0.30	cps
Strontium	88-1	6278634	6148487	6055581	6160901	1.82	cps
Sulfur	34-1	470164	479817	473124	474368	1.04	cps
Terbium	159-1	8912506	9506290	8824546	9081114	4.08	cps
Terbium	159-2	4308285	4215601	3923623	4149170	4.84	cps
Thallium	203-1	4117	3809	3851	3926	4.26	cps
Thallium	205-1	9037	9429	9187	9217	2.15	cps
Tin	118-1	17086	16861	17570	17172	2.11	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-12	Instrumnet Name :	P8
Client Sample ID :	MH1EW6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 12:59:40	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	159219	159013	159669	159300	0.21	cps
Uranium	238-1	55975	56284	56729	56329	0.67	cps
Vanadium	51-2	162403	161558	163279	162413	0.53	cps
Ytterbium	172-1	13032	13015	13399	13149	1.65	cps
Ytterbium	172-2	7613	7441	7480	7512	1.20	cps
Ytterbium	176-1	8720	8937	8920	8859	1.36	cps
Ytterbium	176-2	10054	10554	10282	10297	2.43	cps
Yttrium	89-1	15069562	14853662	14185255	14702827	3.14	cps
Yttrium	89-2	1576306	1556348	1458624	1530426	4.12	cps
Zinc	66-2	110810	110249	109026	110028	0.83	cps
Zirconium	90-1	20925	20791	20533	20749	0.96	cps
Zirconium	91-1	4476	4984	4576	4679	5.76	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-13	Instrumnet Name :	P8
Client Sample ID :	MH1EW7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:02:35	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	984423	968251	965941	972872	1.04	cps
Antimony	121-1	13374	13615	13649	13546	1.11	cps
Arsenic	75-2	4932	5033	4973	4980	1.02	cps
Barium	135-1	946987	945141	943034	945054	0.21	cps
Barium	137-1	1612826	1600343	1655885	1623018	1.80	cps
Beryllium	9-1	3526	3434	3244	3401	4.23	cps
Bismuth	209-1	4494596	4653376	5033734	4727235	5.86	cps
Bismuth	209-2	2761743	2831777	2797474	2796998	1.25	cps
Boron	10-1	3778	4028	4026	3944	3.65	cps
Boron	11-1	18856	19910	19878	19548	3.06	cps
Bromine	81-1	29693	30505	30053	30084	1.35	cps
Cadmium	111-1	15470	15731	15800	15667	1.11	cps
Cadmium	106-1	5209	5576	5485	5423	3.52	cps
Cadmium	108-1	1271	1200	1113	1195	6.64	cps
Calcium	43-1	1957102	1959793	2008187	1975027	1.46	cps
Calcium	44-1	31664513	31395921	31918355	31659596	0.83	cps
Carbon	12-1	10390223	10592108	10354164	10445498	1.23	cps
Carbon	12-2	112521	111960	112396	112292	0.26	cps
Chlorine	35-1	44622043	48856407	52065662	48514704	7.70	cps
Chlorine	35-2	355334	368536	375147	366339	2.75	cps
Chromium	52-2	145880	145318	144509	145236	0.47	cps
Cobalt	59-2	78616	79541	80305	79487	1.06	cps
Copper	63-2	638440	644162	631748	638117	0.97	cps
Dysprosium	156-1	60672	60622	60807	60700	0.16	cps
Dysprosium	156-2	27024	26483	27001	26836	1.14	cps
Erbium	164-1	48205	45989	46984	47059	2.36	cps
Erbium	164-2	21558	21120	21448	21375	1.06	cps
Gadolinium	160-1	53258	54831	50648	52912	3.99	cps
Gadolinium	160-2	28965	27996	28333	28432	1.73	cps
Holmium	165-1	8433569	8522073	9103017	8686220	4.19	cps
Holmium	165-2	4126945	4232621	4357526	4239031	2.72	cps
Indium	115-1	8035477	8442465	8638856	8372266	3.68	cps
Indium	115-2	1240948	1286488	1283305	1270247	2.00	cps
Iron	54-2	5035020	5027384	4944881	5002429	1.00	cps
Iron	56-2	93518297	90730446	89347738	91198827	2.33	cps
Iron	57-2	2335200	2374569	2262101	2323956	2.46	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-13	Instrumnet Name :	P8
Client Sample ID :	MH1EW7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:02:35	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	940	1007	977	3.46	cps
Lead	206-1	3146209	3039102	3041447	3075586	1.99	cps
Lead	207-1	2716060	2579505	2617367	2637644	2.67	cps
Lead	208-1	12363382	11908854	12083473	12118570	1.89	cps
Lithium	6-1	2818713	2956403	2775393	2850169	3.32	cps
Magnesium	24-2	1834803	1830034	1813152	1825997	0.62	cps
Manganese	55-2	2611598	2606606	2566540	2594915	0.95	cps
Molybdenum	94-1	20674	18513	19347	19511	5.59	cps
Molybdenum	95-1	15543	16619	15426	15862	4.15	cps
Molybdenum	96-1	20491	19982	20274	20249	1.26	cps
Molybdenum	97-1	9395	9762	9570	9576	1.92	cps
Molybdenum	98-1	24881	23546	25123	24517	3.47	cps
Neodymium	150-1	104842	104734	104366	104647	0.24	cps
Neodymium	150-2	34969	34324	34337	34544	1.07	cps
Nickel	60-2	57094	56565	57104	56921	0.54	cps
Phosphorus	31-2	12381	12789	12889	12686	2.12	cps
Potassium	39-2	720043	717268	712292	716534	0.55	cps
Rhodium	103-1	7766506	8302623	8506574	8191901	4.67	cps
Rhodium	103-2	3737461	3843966	3913032	3831487	2.31	cps
Scandium	45-1	6772450	6932881	7344926	7016752	4.21	cps
Scandium	45-2	202362	211150	206950	206821	2.13	cps
Selenium	82-1	483	509	403	465	11.89	cps
Selenium	77-2	183	143	197	174	15.91	cps
Selenium	78-2	221	169	199	196	13.29	cps
Silicon	28-1	7127742	7313392	7089426	7176853	1.67	cps
Silver	107-1	44916	42375	43169	43486	2.99	cps
Silver	109-1	41480	41347	40009	40945	1.99	cps
Sodium	23-2	156930	154227	154260	155139	1.00	cps
Strontium	86-1	885144	877595	881712	881484	0.43	cps
Strontium	88-1	7574304	7227497	7715643	7505815	3.35	cps
Sulfur	34-1	502700	509405	504371	505492	0.69	cps
Terbium	159-1	9062172	9591204	9672656	9442011	3.51	cps
Terbium	159-2	4093937	4116602	4339527	4183355	3.24	cps
Thallium	203-1	3567	3834	3676	3692	3.63	cps
Thallium	205-1	8762	8578	8712	8684	1.09	cps
Tin	118-1	96188	99176	97331	97565	1.55	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-13	Instrumnet Name :	P8
Client Sample ID :	MH1EW7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:02:35	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	277946	271029	272110	273695	1.36	cps
Uranium	238-1	62187	64542	64070	63600	1.96	cps
Vanadium	51-2	140438	139368	140004	139937	0.38	cps
Ytterbium	172-1	12531	12740	13148	12807	2.45	cps
Ytterbium	172-2	7252	6769	6807	6943	3.87	cps
Ytterbium	176-1	8245	8645	8595	8495	2.57	cps
Ytterbium	176-2	9593	10710	10399	10234	5.64	cps
Yttrium	89-1	13918666	14538339	15966401	14807802	7.09	cps
Yttrium	89-2	1537133	1593562	1572450	1567715	1.82	cps
Zinc	66-2	757834	746318	747004	750385	0.86	cps
Zirconium	90-1	29131	28530	30209	29290	2.90	cps
Zirconium	91-1	6460	6769	6585	6605	2.35	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-14	Instrumnet Name :	P8
Client Sample ID :	MH1EW8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:05:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000142	989941	997216	995767	0.53	cps
Antimony	121-1	13223	13015	13173	13137	0.83	cps
Arsenic	75-2	6366	6393	6397	6385	0.26	cps
Barium	135-1	1045183	1024421	1027300	1032301	1.09	cps
Barium	137-1	1753369	1822787	1821534	1799230	2.21	cps
Beryllium	9-1	3748	3854	3674	3758	2.41	cps
Bismuth	209-1	4283299	4466178	4779205	4509561	5.56	cps
Bismuth	209-2	2936543	2899959	2881923	2906142	0.96	cps
Boron	10-1	3254	3180	3402	3278	3.45	cps
Boron	11-1	14853	15791	15753	15466	3.44	cps
Bromine	81-1	30615	30615	32100	31110	2.76	cps
Cadmium	111-1	19833	19983	19712	19843	0.68	cps
Cadmium	106-1	5685	5635	5668	5662	0.45	cps
Cadmium	108-1	1733	1542	1517	1597	7.42	cps
Calcium	43-1	2377478	2456543	2381822	2405281	1.85	cps
Calcium	44-1	39017323	38582788	39188820	38929644	0.80	cps
Carbon	12-1	7552393	7532952	7428939	7504761	0.88	cps
Carbon	12-2	80044	78611	80890	79848	1.44	cps
Chlorine	35-1	45470996	51812152	55224264	50835804	9.74	cps
Chlorine	35-2	387773	397154	410466	398464	2.86	cps
Chromium	52-2	84645	85215	85756	85205	0.65	cps
Cobalt	59-2	83768	84821	83668	84086	0.76	cps
Copper	63-2	820324	803456	803689	809156	1.20	cps
Dysprosium	156-1	61468	63344	60756	61856	2.16	cps
Dysprosium	156-2	27829	28240	27896	27988	0.79	cps
Erbium	164-1	49602	49092	50179	49624	1.10	cps
Erbium	164-2	22489	22422	22589	22500	0.37	cps
Gadolinium	160-1	55274	57266	56856	56465	1.86	cps
Gadolinium	160-2	29446	30378	30047	29957	1.58	cps
Holmium	165-1	8035149	8223588	8540287	8266341	3.09	cps
Holmium	165-2	4473713	4289939	4151697	4305116	3.75	cps
Indium	115-1	7671433	7920603	8390563	7994200	4.57	cps
Indium	115-2	1286744	1295916	1280944	1287868	0.59	cps
Iron	54-2	4848852	4824248	4864619	4845906	0.42	cps
Iron	56-2	87038513	87465352	88396408	87633424	0.79	cps
Iron	57-2	2235394	2269854	2220618	2241955	1.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-14	Instrumnet Name :	P8
Client Sample ID :	MH1EW8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:05:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	1043	1000	1010	2.93	cps
Lead	206-1	3888190	4000762	3895562	3928171	1.60	cps
Lead	207-1	3347354	3461019	3333876	3380749	2.07	cps
Lead	208-1	15317407	15620829	15479890	15472709	0.98	cps
Lithium	6-1	2646258	2913020	2967953	2842410	6.05	cps
Magnesium	24-2	1678464	1679205	1681125	1679598	0.08	cps
Manganese	55-2	2764925	2676057	2712663	2717882	1.64	cps
Molybdenum	94-1	18054	18004	18696	18251	2.12	cps
Molybdenum	95-1	14658	14383	13899	14313	2.69	cps
Molybdenum	96-1	18555	18529	18613	18566	0.23	cps
Molybdenum	97-1	8511	8536	8628	8558	0.72	cps
Molybdenum	98-1	22068	23312	22552	22644	2.77	cps
Neodymium	150-1	104452	106595	104645	105231	1.13	cps
Neodymium	150-2	36567	35982	35748	36099	1.17	cps
Nickel	60-2	65781	64609	65761	65384	1.03	cps
Phosphorus	31-2	10396	10429	10479	10435	0.40	cps
Potassium	39-2	617487	612196	610870	613518	0.57	cps
Rhodium	103-1	7068253	8116198	8218550	7801000	8.16	cps
Rhodium	103-2	3811306	3958557	3761230	3843698	2.67	cps
Scandium	45-1	6378972	6679077	7042295	6700115	4.96	cps
Scandium	45-2	210886	208972	210168	210008	0.46	cps
Selenium	82-1	370	326	411	369	11.56	cps
Selenium	77-2	173	113	170	152	22.15	cps
Selenium	78-2	198	201	170	190	9.01	cps
Silicon	28-1	7604484	7639575	7259937	7501332	2.80	cps
Silver	107-1	52000	52577	51338	51972	1.19	cps
Silver	109-1	48553	48227	48771	48517	0.56	cps
Sodium	23-2	136813	139041	138941	138265	0.91	cps
Strontium	86-1	905235	915989	912462	911229	0.60	cps
Strontium	88-1	7669823	7833793	7813726	7772447	1.15	cps
Sulfur	34-1	484698	489658	490168	488175	0.62	cps
Terbium	159-1	8463365	8867284	9434812	8921820	5.47	cps
Terbium	159-2	4269726	4211312	4258448	4246495	0.73	cps
Thallium	203-1	4684	4959	4968	4870	3.31	cps
Thallium	205-1	11247	11380	11581	11403	1.47	cps
Tin	118-1	112522	107815	109639	109992	2.16	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-14	Instrumnet Name :	P8
Client Sample ID :	MH1EW8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:05:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	252681	253490	254420	253531	0.34	cps
Uranium	238-1	62715	62397	61869	62327	0.69	cps
Vanadium	51-2	145100	147097	148131	146776	1.05	cps
Ytterbium	172-1	14033	13407	13616	13685	2.33	cps
Ytterbium	172-2	7758	7386	7597	7580	2.46	cps
Ytterbium	176-1	9270	9212	9320	9267	0.59	cps
Ytterbium	176-2	10271	10221	10521	10338	1.56	cps
Yttrium	89-1	13633080	14353097	15012507	14332895	4.81	cps
Yttrium	89-2	1596005	1583722	1579981	1586569	0.53	cps
Zinc	66-2	730334	735563	738716	734871	0.58	cps
Zirconium	90-1	28438	28171	27887	28165	0.98	cps
Zirconium	91-1	6485	6185	6193	6288	2.72	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-15	Instrumnet Name :	P8
Client Sample ID :	MH1EW9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:08:24	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1438413	1427606	1477237	1447752	1.80	cps
Antimony	121-1	12689	12798	12656	12715	0.58	cps
Arsenic	75-2	9438	9461	9282	9394	1.04	cps
Barium	135-1	1247672	1257100	1229125	1244632	1.14	cps
Barium	137-1	2163975	2166170	2169390	2166512	0.13	cps
Beryllium	9-1	4392	4232	4362	4328	1.97	cps
Bismuth	209-1	4765582	4683807	4802717	4750702	1.28	cps
Bismuth	209-2	2763950	2759594	2719146	2747564	0.90	cps
Boron	10-1	2670	2842	2774	2762	3.14	cps
Boron	11-1	13319	13408	13796	13508	1.88	cps
Bromine	81-1	30976	31427	31929	31444	1.52	cps
Cadmium	111-1	19049	18449	18312	18603	2.11	cps
Cadmium	106-1	5676	5851	5485	5671	3.24	cps
Cadmium	108-1	1350	1350	1446	1382	4.00	cps
Calcium	43-1	2998559	3095137	3020123	3037940	1.67	cps
Calcium	44-1	47173158	49299656	49124958	48532591	2.43	cps
Carbon	12-1	6597787	6593248	6703256	6631430	0.94	cps
Carbon	12-2	70059	70612	70805	70492	0.55	cps
Chlorine	35-1	46925563	51175384	54383804	50828250	7.36	cps
Chlorine	35-2	378060	392424	390694	387059	2.03	cps
Chromium	52-2	80851	81286	80097	80745	0.75	cps
Cobalt	59-2	102705	102731	102456	102630	0.15	cps
Copper	63-2	726432	714136	707994	716187	1.31	cps
Dysprosium	156-1	80459	80141	79312	79971	0.74	cps
Dysprosium	156-2	35908	36062	35210	35727	1.27	cps
Erbium	164-1	65529	65178	64650	65119	0.68	cps
Erbium	164-2	30174	29673	28698	29515	2.54	cps
Gadolinium	160-1	72632	70763	72339	71911	1.40	cps
Gadolinium	160-2	38348	38736	39161	38749	1.05	cps
Holmium	165-1	8934746	8759385	8300370	8664833	3.78	cps
Holmium	165-2	4228262	4260698	4159012	4215991	1.23	cps
Indium	115-1	8541092	8392968	8346345	8426802	1.21	cps
Indium	115-2	1252295	1269553	1280166	1267338	1.11	cps
Iron	54-2	5503195	5524821	5534106	5520707	0.29	cps
Iron	56-2	103528213	101470138	101049238	102015863	1.30	cps
Iron	57-2	2684520	2600368	2569565	2618151	2.27	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-15	Instrumnet Name :	P8
Client Sample ID :	MH1EW9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:08:24	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1047	1063	1070	2.55	cps
Lead	206-1	3354502	3261484	3251786	3289257	1.72	cps
Lead	207-1	2822336	2809487	2826816	2819546	0.32	cps
Lead	208-1	12982913	12974746	13005328	12987662	0.12	cps
Lithium	6-1	2969455	2953607	2893353	2938805	1.37	cps
Magnesium	24-2	2133412	2111548	2112238	2119066	0.59	cps
Manganese	55-2	2459235	2448476	2444732	2450814	0.31	cps
Molybdenum	94-1	22803	23103	22210	22705	2.00	cps
Molybdenum	95-1	19030	19214	19080	19108	0.50	cps
Molybdenum	96-1	23971	23813	22970	23585	2.28	cps
Molybdenum	97-1	11222	11205	10496	10974	3.77	cps
Molybdenum	98-1	28480	28405	29215	28700	1.56	cps
Neodymium	150-1	134418	134199	134298	134305	0.08	cps
Neodymium	150-2	45544	45246	44547	45113	1.13	cps
Nickel	60-2	89972	90382	89050	89801	0.76	cps
Phosphorus	31-2	10271	10554	10704	10510	2.10	cps
Potassium	39-2	854366	869285	850048	857900	1.18	cps
Rhodium	103-1	8198405	8075805	8092253	8122154	0.82	cps
Rhodium	103-2	3737637	3799456	3735344	3757479	0.97	cps
Scandium	45-1	6961834	7082112	7024218	7022721	0.86	cps
Scandium	45-2	208623	206863	207426	207637	0.43	cps
Selenium	82-1	315	393	295	334	15.52	cps
Selenium	77-2	200	207	217	208	4.04	cps
Selenium	78-2	204	222	212	213	4.24	cps
Silicon	28-1	6523688	6669484	6515450	6569541	1.32	cps
Silver	107-1	37919	37443	37335	37566	0.83	cps
Silver	109-1	36717	34135	37519	36124	4.90	cps
Sodium	23-2	156721	159449	156778	157649	0.99	cps
Strontium	86-1	1021105	1001100	1004013	1008739	1.07	cps
Strontium	88-1	8453680	8598389	8365787	8472619	1.39	cps
Sulfur	34-1	480925	479700	483906	481510	0.45	cps
Terbium	159-1	9246869	9144892	9426127	9272629	1.54	cps
Terbium	159-2	4252280	4255510	4197571	4235120	0.77	cps
Thallium	203-1	6093	6302	6377	6257	2.35	cps
Thallium	205-1	14726	14500	15243	14823	2.57	cps
Tin	118-1	79993	79700	83825	81172	2.84	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-15	Instrumnet Name :	P8
Client Sample ID :	MH1EW9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:08:24	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250278	257093	258597	255323	1.74	cps
Uranium	238-1	64935	67791	65722	66149	2.23	cps
Vanadium	51-2	191589	193487	189201	191426	1.12	cps
Ytterbium	172-1	17988	17420	18330	17913	2.56	cps
Ytterbium	172-2	9893	9821	9909	9874	0.48	cps
Ytterbium	176-1	12189	11439	12381	12003	4.15	cps
Ytterbium	176-2	11850	12317	11922	12030	2.09	cps
Yttrium	89-1	15470754	15404127	15399210	15424697	0.26	cps
Yttrium	89-2	1595989	1607103	1612480	1605191	0.52	cps
Zinc	66-2	496651	498086	495760	496832	0.24	cps
Zirconium	90-1	34000	34544	34436	34327	0.84	cps
Zirconium	91-1	7961	7619	7260	7613	4.60	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-16	Instrumnet Name :	P8
Client Sample ID :	MH1EX0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:11:19	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1534981	1536339	1504945	1525422	1.16	cps
Antimony	121-1	8820	9037	8853	8903	1.31	cps
Arsenic	75-2	7541	7579	7342	7487	1.70	cps
Barium	135-1	1045490	1039832	1063467	1049597	1.18	cps
Barium	137-1	1816368	1825914	1887148	1843144	2.08	cps
Beryllium	9-1	4006	3944	3924	3958	1.08	cps
Bismuth	209-1	4804886	5238620	4842490	4961999	4.84	cps
Bismuth	209-2	2714731	2733123	2777689	2741848	1.18	cps
Boron	10-1	2356	2260	2318	2311	2.09	cps
Boron	11-1	10960	11244	11778	11328	3.67	cps
Bromine	81-1	32341	33756	34860	33652	3.75	cps
Cadmium	111-1	7981	8361	8396	8246	2.79	cps
Cadmium	106-1	4643	5468	4651	4920	9.64	cps
Cadmium	108-1	646	679	679	668	2.88	cps
Calcium	43-1	1982125	2047112	2090087	2039775	2.66	cps
Calcium	44-1	31941905	32226264	32176920	32115030	0.47	cps
Carbon	12-1	6407575	6198825	6273139	6293180	1.68	cps
Carbon	12-2	66820	66534	67540	66965	0.77	cps
Chlorine	35-1	44403894	51413579	54879016	50232163	10.62	cps
Chlorine	35-2	387653	399918	409866	399146	2.79	cps
Chromium	52-2	80931	81196	79573	80566	1.08	cps
Cobalt	59-2	92371	93203	91830	92468	0.75	cps
Copper	63-2	386057	391348	383946	387117	0.99	cps
Dysprosium	156-1	80871	80871	79832	80524	0.75	cps
Dysprosium	156-2	36984	37332	38235	37517	1.72	cps
Erbium	164-1	62214	62682	64215	63037	1.66	cps
Erbium	164-2	29937	30184	30017	30046	0.42	cps
Gadolinium	160-1	76362	75591	72255	74736	2.92	cps
Gadolinium	160-2	38613	38689	38770	38691	0.20	cps
Holmium	165-1	8883919	9574548	8655199	9037889	5.30	cps
Holmium	165-2	4201663	4124119	4229444	4185075	1.30	cps
Indium	115-1	8280523	9381452	8732675	8798217	6.29	cps
Indium	115-2	1268570	1263375	1250491	1260812	0.74	cps
Iron	54-2	4936093	4996810	4849332	4927411	1.50	cps
Iron	56-2	90228177	90337180	88792699	89786019	0.96	cps
Iron	57-2	2332241	2315173	2270001	2305805	1.39	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-16	Instrumnet Name :	P8
Client Sample ID :	MH1EX0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:11:19	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1103	1037	1030	1057	3.84	cps
Lead	206-1	1142064	1133085	1156808	1143986	1.05	cps
Lead	207-1	959390	947949	957371	954903	0.64	cps
Lead	208-1	4632652	4538038	4620910	4597200	1.12	cps
Lithium	6-1	3010719	3203937	3031847	3082168	3.44	cps
Magnesium	24-2	2074057	2091855	2010233	2058715	2.08	cps
Manganese	55-2	1565356	1579930	1535102	1560129	1.47	cps
Molybdenum	94-1	19648	19331	20040	19673	1.81	cps
Molybdenum	95-1	18129	17628	18379	18045	2.12	cps
Molybdenum	96-1	23287	22895	21634	22605	3.82	cps
Molybdenum	97-1	10713	10604	10704	10674	0.57	cps
Molybdenum	98-1	27470	27561	27854	27628	0.73	cps
Neodymium	150-1	138145	140321	140179	139548	0.87	cps
Neodymium	150-2	48789	47387	47163	47780	1.84	cps
Nickel	60-2	83872	82830	81874	82859	1.21	cps
Phosphorus	31-2	8428	8378	8528	8444	0.91	cps
Potassium	39-2	871208	864877	868167	868084	0.36	cps
Rhodium	103-1	8246979	9206145	8487353	8646826	5.77	cps
Rhodium	103-2	3726347	3824223	3835145	3795238	1.58	cps
Scandium	45-1	6872658	7648033	7175021	7231904	5.40	cps
Scandium	45-2	210200	208171	207521	208631	0.67	cps
Selenium	82-1	336	251	388	325	21.22	cps
Selenium	77-2	250	237	297	261	12.07	cps
Selenium	78-2	212	213	212	212	0.27	cps
Silicon	28-1	6102059	5958171	5948295	6002842	1.43	cps
Silver	107-1	16494	16360	17370	16741	3.28	cps
Silver	109-1	16043	16152	15734	15976	1.35	cps
Sodium	23-2	139556	136477	137562	137865	1.13	cps
Strontium	86-1	717488	710540	724753	717594	0.99	cps
Strontium	88-1	6303960	6076618	6077258	6152612	2.13	cps
Sulfur	34-1	480196	479835	474646	478226	0.65	cps
Terbium	159-1	9401049	10780513	9430424	9870662	7.98	cps
Terbium	159-2	4164888	4191622	4147771	4168093	0.53	cps
Thallium	203-1	5026	4876	4876	4926	1.76	cps
Thallium	205-1	12073	11981	11489	11847	2.65	cps
Tin	118-1	35798	34327	34644	34923	2.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-16	Instrumnet Name :	P8
Client Sample ID :	MH1EX0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:11:19	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192887	190941	200801	194876	2.68	cps
Uranium	238-1	67297	64708	63979	65328	2.67	cps
Vanadium	51-2	201935	204460	200528	202308	0.98	cps
Ytterbium	172-1	17446	17687	17846	17660	1.14	cps
Ytterbium	172-2	9415	9926	9365	9568	3.25	cps
Ytterbium	176-1	12114	11814	11322	11750	3.40	cps
Ytterbium	176-2	11539	11622	11427	11529	0.85	cps
Yttrium	89-1	16015331	17200453	15846355	16354047	4.51	cps
Yttrium	89-2	1571948	1632514	1601627	1602030	1.89	cps
Zinc	66-2	226387	225218	223965	225190	0.54	cps
Zirconium	90-1	27645	27002	25866	26838	3.36	cps
Zirconium	91-1	5968	5826	5485	5760	4.32	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-17	Instrumnet Name :	P8
Client Sample ID :	MH1EX1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:14:12	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1229302	1217740	1191796	1212946	1.58	cps
Antimony	121-1	12548	12089	12173	12270	1.99	cps
Arsenic	75-2	6357	6142	5893	6131	3.79	cps
Barium	135-1	1076889	1066405	1091957	1078417	1.19	cps
Barium	137-1	1870601	1845410	1892262	1869424	1.25	cps
Beryllium	9-1	3474	3504	3472	3483	0.51	cps
Bismuth	209-1	4691586	4685254	4661526	4679455	0.34	cps
Bismuth	209-2	2796179	2895997	2814293	2835490	1.88	cps
Boron	10-1	4826	5092	5566	5161	7.26	cps
Boron	11-1	24199	25247	26068	25171	3.72	cps
Bromine	81-1	29822	31809	29401	30344	4.24	cps
Cadmium	111-1	15274	15227	16139	15547	3.30	cps
Cadmium	106-1	5560	5585	5351	5499	2.33	cps
Cadmium	108-1	1183	1225	1133	1181	3.89	cps
Calcium	43-1	3216787	3307402	3237834	3254008	1.46	cps
Calcium	44-1	51382721	54963195	51779503	52708473	3.72	cps
Carbon	12-1	7863163	8151597	8200304	8071688	2.26	cps
Carbon	12-2	87100	88207	85784	87031	1.39	cps
Chlorine	35-1	47158269	52972144	56786937	52305783	9.27	cps
Chlorine	35-2	402326	423000	432401	419242	3.67	cps
Chromium	52-2	110439	109915	108427	109594	0.95	cps
Cobalt	59-2	93397	93958	94830	94062	0.77	cps
Copper	63-2	540052	531442	531389	534294	0.93	cps
Dysprosium	156-1	67840	68308	66357	67502	1.51	cps
Dysprosium	156-2	31828	31691	31577	31699	0.40	cps
Erbium	164-1	56186	57065	56052	56435	0.98	cps
Erbium	164-2	26136	24863	25742	25580	2.55	cps
Gadolinium	160-1	62463	61435	62967	62288	1.25	cps
Gadolinium	160-2	33619	32760	32744	33041	1.52	cps
Holmium	165-1	8906384	8937097	8554938	8799473	2.41	cps
Holmium	165-2	4393010	4280075	4163353	4278813	2.68	cps
Indium	115-1	8417656	8496390	8321668	8411905	1.04	cps
Indium	115-2	1277717	1277945	1269573	1275078	0.37	cps
Iron	54-2	5955010	5668554	5676125	5766563	2.83	cps
Iron	56-2	105878844	108471150	105121022	106490338	1.65	cps
Iron	57-2	2690421	2751524	2594402	2678782	2.96	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-17	Instrumnet Name :	P8
Client Sample ID :	MH1EX1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:14:12	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	1093	1077	1036	8.31	cps
Lead	206-1	2836771	2866697	2840069	2847846	0.58	cps
Lead	207-1	2405030	2394164	2397108	2398767	0.23	cps
Lead	208-1	11061407	11028232	11009022	11032887	0.24	cps
Lithium	6-1	2849710	2993170	2847415	2896765	2.88	cps
Magnesium	24-2	2362097	2336681	2318105	2338961	0.94	cps
Manganese	55-2	2487269	2421902	2376244	2428472	2.30	cps
Molybdenum	94-1	20516	20424	20524	20488	0.27	cps
Molybdenum	95-1	18070	17094	17345	17503	2.90	cps
Molybdenum	96-1	22936	23713	22619	23089	2.44	cps
Molybdenum	97-1	11013	10379	10671	10688	2.97	cps
Molybdenum	98-1	28605	27019	27929	27851	2.86	cps
Neodymium	150-1	113812	115420	113936	114389	0.78	cps
Neodymium	150-2	38418	38054	38813	38428	0.99	cps
Nickel	60-2	66585	66676	67097	66786	0.41	cps
Phosphorus	31-2	17561	17194	17528	17428	1.16	cps
Potassium	39-2	1174236	1169219	1143629	1162361	1.41	cps
Rhodium	103-1	7929037	8203471	8217729	8116746	2.00	cps
Rhodium	103-2	3783616	3776773	3759620	3773336	0.33	cps
Scandium	45-1	6831676	7193842	6918607	6981375	2.71	cps
Scandium	45-2	210345	209519	208218	209360	0.51	cps
Selenium	82-1	428	317	347	364	15.71	cps
Selenium	77-2	177	153	203	178	14.07	cps
Selenium	78-2	211	204	174	196	10.01	cps
Silicon	28-1	7158549	7241183	7089915	7163216	1.06	cps
Silver	107-1	23279	22911	23471	23220	1.22	cps
Silver	109-1	21860	21643	22903	22135	3.04	cps
Sodium	23-2	187269	183615	184137	185007	1.07	cps
Strontium	86-1	1136027	1151335	1151995	1146452	0.79	cps
Strontium	88-1	9542042	9506428	9414327	9487599	0.69	cps
Sulfur	34-1	509317	507697	509309	508774	0.18	cps
Terbium	159-1	9304530	9242771	9217766	9255023	0.48	cps
Terbium	159-2	4275730	4195089	4143555	4204791	1.58	cps
Thallium	203-1	4042	4343	4468	4284	5.10	cps
Thallium	205-1	10204	10096	10805	10368	3.68	cps
Tin	118-1	76372	77948	77286	77202	1.02	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-17	Instrumnet Name :	P8
Client Sample ID :	MH1EX1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:14:12	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	293056	282697	288195	287983	1.80	cps
Uranium	238-1	67439	68921	65780	67380	2.33	cps
Vanadium	51-2	184069	181072	179526	181556	1.27	cps
Ytterbium	172-1	15526	16394	14809	15576	5.10	cps
Ytterbium	172-2	8714	8720	8364	8599	2.37	cps
Ytterbium	176-1	10630	10446	11055	10710	2.92	cps
Ytterbium	176-2	10916	11355	11505	11259	2.72	cps
Yttrium	89-1	14699883	15047178	14835554	14860871	1.18	cps
Yttrium	89-2	1592509	1629236	1578372	1600039	1.64	cps
Zinc	66-2	728191	722062	706449	718901	1.56	cps
Zirconium	90-1	29351	30555	28246	29384	3.93	cps
Zirconium	91-1	6710	6885	6502	6699	2.87	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-18	Instrumnet Name :	P8
Client Sample ID :	MH1EX2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:17:08	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1154358	1171811	1146692	1157621	1.11	cps
Antimony	121-1	11931	13716	12581	12743	7.09	cps
Arsenic	75-2	6382	6366	6444	6397	0.64	cps
Barium	135-1	1060834	1059008	1072885	1064243	0.71	cps
Barium	137-1	1892935	1781183	1875235	1849784	3.25	cps
Beryllium	9-1	3914	3652	3714	3760	3.64	cps
Bismuth	209-1	4818939	4845285	4731320	4798515	1.24	cps
Bismuth	209-2	2762098	2886141	2627942	2758727	4.68	cps
Boron	10-1	5002	5250	5482	5245	4.58	cps
Boron	11-1	25297	26767	27773	26612	4.68	cps
Bromine	81-1	31528	31478	31408	31471	0.19	cps
Cadmium	111-1	18294	18205	18307	18269	0.31	cps
Cadmium	106-1	5518	5693	5476	5562	2.07	cps
Cadmium	108-1	1500	1492	1558	1517	2.40	cps
Calcium	43-1	3028461	2884410	2778319	2897063	4.33	cps
Calcium	44-1	49540792	47509823	46030830	47693815	3.69	cps
Carbon	12-1	7120390	7472319	7422757	7338489	2.60	cps
Carbon	12-2	79591	78754	78460	78935	0.74	cps
Chlorine	35-1	48546263	51944012	54511985	51667420	5.79	cps
Chlorine	35-2	389332	395493	403963	396263	1.85	cps
Chromium	52-2	90064	89974	89890	89976	0.10	cps
Cobalt	59-2	90737	89657	89949	90114	0.62	cps
Copper	63-2	624173	623992	634864	627676	0.99	cps
Dysprosium	156-1	63795	64038	65479	64437	1.41	cps
Dysprosium	156-2	29068	29650	29376	29365	0.99	cps
Erbium	164-1	48657	52663	52079	51133	4.23	cps
Erbium	164-2	23781	23544	24289	23872	1.59	cps
Gadolinium	160-1	57735	55022	56504	56421	2.41	cps
Gadolinium	160-2	30996	30866	32239	31367	2.42	cps
Holmium	165-1	8497962	8889527	8821335	8736275	2.39	cps
Holmium	165-2	4259331	4295923	4016836	4190697	3.62	cps
Indium	115-1	8287649	8252211	8381860	8307240	0.81	cps
Indium	115-2	1261048	1283155	1159865	1234689	5.32	cps
Iron	54-2	5617025	5647535	5544222	5602928	0.95	cps
Iron	56-2	103903522	99179938	102299916	101794459	2.36	cps
Iron	57-2	2631285	2616184	2620768	2622746	0.30	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-18	Instrumnet Name :	P8
Client Sample ID :	MH1EX2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:17:08	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	987	1133	1062	6.91	cps
Lead	206-1	3319031	3395278	3299557	3337956	1.52	cps
Lead	207-1	2823633	2798503	2823771	2815302	0.52	cps
Lead	208-1	13048559	13278621	13086726	13137968	0.94	cps
Lithium	6-1	2903130	2977499	3056272	2978967	2.57	cps
Magnesium	24-2	2058117	2036039	2038938	2044364	0.59	cps
Manganese	55-2	2507453	2501275	2508211	2505646	0.15	cps
Molybdenum	94-1	20098	20123	20499	20240	1.11	cps
Molybdenum	95-1	16577	16301	16393	16424	0.85	cps
Molybdenum	96-1	21509	21459	21058	21342	1.16	cps
Molybdenum	97-1	10479	9720	10471	10223	4.26	cps
Molybdenum	98-1	25708	25499	26535	25914	2.11	cps
Neodymium	150-1	106876	106421	105454	106250	0.68	cps
Neodymium	150-2	36216	35985	36400	36200	0.57	cps
Nickel	60-2	69519	70055	68899	69491	0.83	cps
Phosphorus	31-2	14499	14441	14374	14438	0.43	cps
Potassium	39-2	1110041	1124614	1122559	1119071	0.70	cps
Rhodium	103-1	7987214	8093246	8283059	8121173	1.85	cps
Rhodium	103-2	3923394	3763051	3504499	3730315	5.67	cps
Scandium	45-1	7121802	7116454	6955350	7064535	1.34	cps
Scandium	45-2	208268	207861	190810	202313	4.93	cps
Selenium	82-1	279	411	194	294	37.09	cps
Selenium	77-2	157	137	150	148	6.89	cps
Selenium	78-2	193	178	165	179	7.84	cps
Silicon	28-1	6669964	7112973	6894020	6892319	3.21	cps
Silver	107-1	31796	29775	29624	30398	3.99	cps
Silver	109-1	29282	30301	30000	29861	1.75	cps
Sodium	23-2	193396	189523	191118	191346	1.02	cps
Strontium	86-1	1064754	1065355	1035232	1055114	1.63	cps
Strontium	88-1	8969618	8896237	9085237	8983697	1.06	cps
Sulfur	34-1	507016	509642	511725	509461	0.46	cps
Terbium	159-1	9324422	8928808	9372581	9208603	2.64	cps
Terbium	159-2	4175417	4250346	3906415	4110726	4.40	cps
Thallium	203-1	4409	4618	4626	4551	2.70	cps
Thallium	205-1	10955	10321	10630	10635	2.98	cps
Tin	118-1	94342	93781	93227	93783	0.59	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-18	Instrumnet Name :	P8
Client Sample ID :	MH1EX2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:17:08	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	273020	272221	272963	272735	0.16	cps
Uranium	238-1	59876	61290	60755	60641	1.18	cps
Vanadium	51-2	167650	165679	169357	167562	1.10	cps
Ytterbium	172-1	14901	14550	13708	14386	4.26	cps
Ytterbium	172-2	8381	8025	8047	8151	2.45	cps
Ytterbium	176-1	10354	9354	9896	9868	5.08	cps
Ytterbium	176-2	10499	11583	10577	10886	5.56	cps
Yttrium	89-1	14827248	14811081	14989761	14876030	0.66	cps
Yttrium	89-2	1547113	1560558	1428996	1512222	4.79	cps
Zinc	66-2	757835	756869	765558	760087	0.63	cps
Zirconium	90-1	30092	29816	30793	30234	1.67	cps
Zirconium	91-1	6518	6277	6777	6524	3.83	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-19	Instrumnet Name :	P8
Client Sample ID :	MH1EX3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:20:01	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1102367	1100044	1094655	1099022	0.36	cps
Antimony	121-1	16761	16527	16544	16611	0.78	cps
Arsenic	75-2	7404	7481	7527	7470	0.83	cps
Barium	135-1	1020010	1039625	1007014	1022217	1.61	cps
Barium	137-1	1740094	1784027	1712512	1745544	2.07	cps
Beryllium	9-1	3882	4208	3868	3986	4.83	cps
Bismuth	209-1	4727861	4897195	4761986	4795681	1.87	cps
Bismuth	209-2	2779463	2738897	2878277	2798879	2.56	cps
Boron	10-1	4994	5238	5200	5144	2.55	cps
Boron	11-1	23953	24834	26196	24994	4.52	cps
Bromine	81-1	30796	29611	30956	30454	2.41	cps
Cadmium	111-1	26041	27075	25895	26337	2.44	cps
Cadmium	106-1	6952	6593	6618	6721	2.98	cps
Cadmium	108-1	2259	1971	2038	2089	7.20	cps
Calcium	43-1	2051833	2055688	2060632	2056051	0.21	cps
Calcium	44-1	32529083	32503544	32690229	32574286	0.31	cps
Carbon	12-1	6120402	6132164	6160073	6137546	0.33	cps
Carbon	12-2	67054	65204	64794	65684	1.83	cps
Chlorine	35-1	46229635	49874393	53435169	49846399	7.23	cps
Chlorine	35-2	372885	388187	395811	385628	3.03	cps
Chromium	52-2	66309	66185	66952	66482	0.62	cps
Cobalt	59-2	95716	96927	95763	96135	0.71	cps
Copper	63-2	914213	913511	910878	912867	0.19	cps
Dysprosium	156-1	60087	61075	63284	61482	2.66	cps
Dysprosium	156-2	26667	27729	27562	27319	2.09	cps
Erbium	164-1	51266	49719	49242	50076	2.11	cps
Erbium	164-2	23357	22830	22402	22863	2.09	cps
Gadolinium	160-1	56856	55341	56295	56164	1.36	cps
Gadolinium	160-2	28998	30044	29773	29605	1.83	cps
Holmium	165-1	8726881	8488791	8479675	8565115	1.64	cps
Holmium	165-2	4187033	4215166	4238107	4213435	0.61	cps
Indium	115-1	8290628	8019302	8243994	8184642	1.77	cps
Indium	115-2	1255533	1279941	1276072	1270515	1.03	cps
Iron	54-2	5778014	5762438	5744798	5761750	0.29	cps
Iron	56-2	105775722	107125708	105654488	106185306	0.77	cps
Iron	57-2	2680652	2689495	2678392	2682846	0.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-19	Instrumnet Name :	P8
Client Sample ID :	MH1EX3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:20:01	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	1030	1087	1016	7.81	cps
Lead	206-1	4395091	4716611	4449201	4520301	3.81	cps
Lead	207-1	3751634	4029596	3736800	3839343	4.30	cps
Lead	208-1	17232561	18306565	17325795	17621641	3.38	cps
Lithium	6-1	3099216	2900834	2911497	2970516	3.76	cps
Magnesium	24-2	1713043	1688229	1695735	1699002	0.75	cps
Manganese	55-2	3468096	3393700	3413480	3425092	1.13	cps
Molybdenum	94-1	22093	21567	22360	22007	1.83	cps
Molybdenum	95-1	15651	14416	16394	15487	6.45	cps
Molybdenum	96-1	21500	20749	21542	21264	2.10	cps
Molybdenum	97-1	9437	9670	9370	9492	1.66	cps
Molybdenum	98-1	23771	24464	24848	24361	2.24	cps
Neodymium	150-1	98950	99044	97378	98457	0.95	cps
Neodymium	150-2	33264	33061	33255	33193	0.35	cps
Nickel	60-2	70477	70427	70628	70511	0.15	cps
Phosphorus	31-2	14057	14449	14049	14185	1.61	cps
Potassium	39-2	947137	947478	948310	947642	0.06	cps
Rhodium	103-1	8001197	7982575	8021942	8001905	0.25	cps
Rhodium	103-2	3716476	3724124	3755734	3732111	0.56	cps
Scandium	45-1	6963616	6940951	6822947	6909171	1.09	cps
Scandium	45-2	202960	207947	207400	206102	1.33	cps
Selenium	82-1	370	275	199	281	30.51	cps
Selenium	77-2	130	113	173	139	22.30	cps
Selenium	78-2	174	193	188	185	5.32	cps
Silicon	28-1	5863494	5958011	5742753	5854753	1.84	cps
Silver	107-1	51346	50820	49289	50485	2.12	cps
Silver	109-1	47190	48444	48729	48121	1.70	cps
Sodium	23-2	193341	193752	198202	195098	1.38	cps
Strontium	86-1	1041488	1008677	1052511	1034225	2.20	cps
Strontium	88-1	8661531	8792780	8967169	8807160	1.74	cps
Sulfur	34-1	497497	496571	497214	497094	0.10	cps
Terbium	159-1	9359490	8878798	9136334	9124874	2.64	cps
Terbium	159-2	4345640	4165490	4287518	4266216	2.16	cps
Thallium	203-1	5343	5176	5135	5218	2.11	cps
Thallium	205-1	12265	13257	12982	12835	3.99	cps
Tin	118-1	145025	147468	149446	147313	1.50	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-19	Instrumnet Name :	P8
Client Sample ID :	MH1EX3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:20:01	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	277283	275657	277696	276879	0.39	cps
Uranium	238-1	64867	65177	66995	65680	1.75	cps
Vanadium	51-2	144054	143599	141071	142908	1.12	cps
Ytterbium	172-1	14275	13874	15076	14408	4.25	cps
Ytterbium	172-2	8047	7947	8203	8066	1.60	cps
Ytterbium	176-1	10179	9720	10513	10137	3.92	cps
Ytterbium	176-2	10777	10955	11427	11053	3.04	cps
Yttrium	89-1	15042868	15330099	14628091	15000353	2.35	cps
Yttrium	89-2	1527443	1549365	1564199	1547002	1.20	cps
Zinc	66-2	926725	934349	931075	930716	0.41	cps
Zirconium	90-1	37552	37243	37335	37377	0.43	cps
Zirconium	91-1	7819	8711	8369	8300	5.42	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:22:57	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	897693	899532	890253	895826	0.55	cps
Antimony	121-1	15910	15100	14908	15306	3.47	cps
Arsenic	75-2	7715	7545	7562	7607	1.23	cps
Barium	135-1	824525	814338	830537	823133	0.99	cps
Barium	137-1	1451078	1405892	1404507	1420492	1.87	cps
Beryllium	9-1	3346	3294	3218	3286	1.96	cps
Bismuth	209-1	4482146	4859474	4565797	4635806	4.27	cps
Bismuth	209-2	2850188	2790876	2826239	2822434	1.06	cps
Boron	10-1	3846	4350	4176	4124	6.21	cps
Boron	11-1	19231	20432	20682	20115	3.86	cps
Bromine	81-1	28980	28278	29532	28930	2.17	cps
Cadmium	111-1	19042	19531	18654	19075	2.30	cps
Cadmium	106-1	6093	5551	5701	5782	4.84	cps
Cadmium	108-1	1533	1342	1513	1463	7.19	cps
Calcium	43-1	3421062	3324246	3411020	3385443	1.57	cps
Calcium	44-1	55943812	54886647	56155063	55661841	1.22	cps
Carbon	12-1	6174926	6213271	6341077	6243091	1.39	cps
Carbon	12-2	68662	68108	68310	68360	0.41	cps
Chlorine	35-1	48279526	52944197	56789962	52671228	8.09	cps
Chlorine	35-2	389954	403732	424297	405994	4.26	cps
Chromium	52-2	95889	95036	92815	94580	1.68	cps
Cobalt	59-2	83279	81807	80134	81740	1.92	cps
Copper	63-2	775396	756771	743778	758649	2.09	cps
Dysprosium	156-1	52948	54095	52337	53127	1.68	cps
Dysprosium	156-2	24736	24382	24563	24561	0.72	cps
Erbium	164-1	44308	42745	42963	43339	1.95	cps
Erbium	164-2	20132	19858	19691	19894	1.12	cps
Gadolinium	160-1	49008	48021	46491	47840	2.65	cps
Gadolinium	160-2	25989	25050	26463	25834	2.78	cps
Holmium	165-1	8206079	8789881	8441763	8479241	3.46	cps
Holmium	165-2	4247731	4389371	4382666	4339923	1.84	cps
Indium	115-1	8209522	8374253	8613426	8399067	2.42	cps
Indium	115-2	1277172	1259296	1276116	1270861	0.79	cps
Iron	54-2	5151315	5095897	5173198	5140137	0.78	cps
Iron	56-2	94013708	92185410	92855227	93018115	0.99	cps
Iron	57-2	2401764	2394937	2378015	2391572	0.51	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:22:57	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	897	987	959	5.63	cps
Lead	206-1	4183023	4088673	4280512	4184069	2.29	cps
Lead	207-1	3453061	3433334	3563759	3483385	2.02	cps
Lead	208-1	16057561	16252328	16670212	16326701	1.92	cps
Lithium	6-1	2670297	2773953	2645361	2696537	2.53	cps
Magnesium	24-2	8722156	8728306	8963393	8804619	1.56	cps
Manganese	55-2	2905344	2949644	2919911	2924966	0.77	cps
Molybdenum	94-1	15851	16060	15743	15885	1.02	cps
Molybdenum	95-1	13065	13257	13340	13220	1.07	cps
Molybdenum	96-1	17036	17587	17679	17434	1.99	cps
Molybdenum	97-1	7669	7719	8461	7950	5.58	cps
Molybdenum	98-1	19756	21092	20132	20327	3.39	cps
Neodymium	150-1	88332	89546	85995	87957	2.05	cps
Neodymium	150-2	30421	29546	30565	30178	1.83	cps
Nickel	60-2	67750	67640	68380	67924	0.59	cps
Phosphorus	31-2	9303	9570	9545	9473	1.56	cps
Potassium	39-2	719179	720325	717658	719054	0.19	cps
Rhodium	103-1	7776211	7730204	7998356	7834924	1.83	cps
Rhodium	103-2	3797549	3704836	3857286	3786557	2.03	cps
Scandium	45-1	6790484	7016485	7033832	6946934	1.95	cps
Scandium	45-2	213350	210698	209458	211169	0.94	cps
Selenium	82-1	229	315	237	260	18.33	cps
Selenium	77-2	140	110	157	136	17.45	cps
Selenium	78-2	169	154	171	165	5.64	cps
Silicon	28-1	7746425	7485441	7504324	7578730	1.92	cps
Silver	107-1	31587	32564	30242	31465	3.71	cps
Silver	109-1	30050	30109	30176	30111	0.21	cps
Sodium	23-2	123186	124571	124456	124071	0.62	cps
Strontium	86-1	611442	595854	599344	602213	1.36	cps
Strontium	88-1	5139900	5173065	5114853	5142606	0.57	cps
Sulfur	34-1	481250	482132	480635	481339	0.16	cps
Terbium	159-1	8661644	9079960	9206488	8982697	3.17	cps
Terbium	159-2	4115726	4132186	4218210	4155374	1.32	cps
Thallium	203-1	4159	4501	4309	4323	3.96	cps
Thallium	205-1	10463	9637	10788	10296	5.76	cps
Tin	118-1	88176	89133	91749	89686	2.06	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:22:57	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258045	261767	268700	262837	2.06	cps
Uranium	238-1	35518	35425	35634	35526	0.29	cps
Vanadium	51-2	143051	142010	141391	142151	0.59	cps
Ytterbium	172-1	12056	11814	12448	12106	2.64	cps
Ytterbium	172-2	6857	6641	6791	6763	1.64	cps
Ytterbium	176-1	8194	8370	8586	8383	2.34	cps
Ytterbium	176-2	9893	10087	9954	9978	1.00	cps
Yttrium	89-1	14609851	14983331	14840011	14811064	1.27	cps
Yttrium	89-2	1585742	1562779	1558531	1569017	0.93	cps
Zinc	66-2	652802	656957	644608	651456	0.96	cps
Zirconium	90-1	26150	24581	24739	25157	3.44	cps
Zirconium	91-1	5418	5585	5651	5551	2.17	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:25:50	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	976041	970372	966528	970980	0.49	cps
Antimony	121-1	15559	15760	16102	15807	1.73	cps
Arsenic	75-2	8142	7927	7970	8013	1.42	cps
Barium	135-1	902548	915405	885923	901292	1.64	cps
Barium	137-1	1513318	1582194	1596722	1564078	2.85	cps
Beryllium	9-1	3630	3542	3510	3560	1.75	cps
Bismuth	209-1	4728330	4921333	4565347	4738337	3.76	cps
Bismuth	209-2	2776369	2684040	2802467	2754292	2.26	cps
Boron	10-1	4018	4202	4544	4254	6.27	cps
Boron	11-1	19900	20889	20897	20562	2.79	cps
Bromine	81-1	30013	28157	29572	29248	3.32	cps
Cadmium	111-1	20063	20401	20489	20317	1.11	cps
Cadmium	106-1	6027	5976	6277	6093	2.64	cps
Cadmium	108-1	1442	1638	1608	1563	6.76	cps
Calcium	43-1	3682168	3702950	3866806	3750641	2.70	cps
Calcium	44-1	59908345	59371670	61732873	60337630	2.05	cps
Carbon	12-1	6682375	6587375	6815070	6694940	1.71	cps
Carbon	12-2	69775	72438	70051	70755	2.07	cps
Chlorine	35-1	52197641	59022372	64134376	58451463	10.25	cps
Chlorine	35-2	434590	444131	441544	440089	1.12	cps
Chromium	52-2	103924	101343	101232	102166	1.49	cps
Cobalt	59-2	91361	90036	90774	90724	0.73	cps
Copper	63-2	820288	816274	812871	816478	0.45	cps
Dysprosium	156-1	57182	58061	58228	57824	0.97	cps
Dysprosium	156-2	26042	26740	26466	26416	1.33	cps
Erbium	164-1	48757	48657	46816	48077	2.27	cps
Erbium	164-2	22122	22205	21962	22096	0.56	cps
Gadolinium	160-1	55350	53324	53835	54170	1.94	cps
Gadolinium	160-2	29165	28935	28721	28940	0.77	cps
Holmium	165-1	8747664	9041916	8695824	8828468	2.11	cps
Holmium	165-2	4380394	4294501	4323225	4332707	1.01	cps
Indium	115-1	8462869	8450356	8464709	8459311	0.09	cps
Indium	115-2	1277554	1248693	1265447	1263898	1.15	cps
Iron	54-2	5453539	5414913	5415601	5428018	0.41	cps
Iron	56-2	98131855	101343936	98828222	99434671	1.70	cps
Iron	57-2	2535397	2580764	2519418	2545193	1.25	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:25:50	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	933	1017	1004	6.56	cps
Lead	206-1	4610438	4709338	4596528	4638768	1.33	cps
Lead	207-1	3957782	3965327	3811404	3911504	2.22	cps
Lead	208-1	18248218	18177738	17543727	17989894	2.16	cps
Lithium	6-1	2887031	2906813	2945688	2913177	1.02	cps
Magnesium	24-2	9588223	9340159	9407898	9445427	1.36	cps
Manganese	55-2	3117111	3053774	3077219	3082701	1.04	cps
Molybdenum	94-1	18054	18571	18246	18290	1.43	cps
Molybdenum	95-1	13815	13999	14133	13982	1.14	cps
Molybdenum	96-1	18596	17962	18964	18507	2.74	cps
Molybdenum	97-1	8328	8303	8678	8436	2.49	cps
Molybdenum	98-1	21601	21158	21525	21428	1.10	cps
Neodymium	150-1	98763	97512	96318	97531	1.25	cps
Neodymium	150-2	33716	31480	32362	32520	3.46	cps
Nickel	60-2	77272	76143	77117	76844	0.80	cps
Phosphorus	31-2	10237	9779	9979	9998	2.30	cps
Potassium	39-2	778525	776470	765715	773570	0.89	cps
Rhodium	103-1	7993085	8166946	8043131	8067720	1.11	cps
Rhodium	103-2	3796481	3810938	3743097	3783505	0.94	cps
Scandium	45-1	6920727	7109086	7140650	7056821	1.69	cps
Scandium	45-2	208350	209862	207667	208626	0.54	cps
Selenium	82-1	176	359	225	253	37.38	cps
Selenium	77-2	173	173	173	173	0.00	cps
Selenium	78-2	184	170	199	184	7.87	cps
Silicon	28-1	7905892	7879609	7908668	7898056	0.20	cps
Silver	107-1	34410	33659	35396	34488	2.53	cps
Silver	109-1	30935	32506	32464	31968	2.80	cps
Sodium	23-2	126085	124891	125504	125493	0.48	cps
Strontium	86-1	644186	651969	657246	651134	1.01	cps
Strontium	88-1	5526989	5467906	5625006	5539967	1.43	cps
Sulfur	34-1	481329	478842	479260	479810	0.28	cps
Terbium	159-1	9447795	9168156	9231184	9282378	1.58	cps
Terbium	159-2	4277846	4229853	4263320	4257006	0.58	cps
Thallium	203-1	4676	4693	4426	4598	3.25	cps
Thallium	205-1	10988	10922	10938	10949	0.32	cps
Tin	118-1	86197	88059	88235	87497	1.29	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN0D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:25:50	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	273260	270452	274056	272589	0.69	cps
Uranium	238-1	37323	40490	39621	39145	4.18	cps
Vanadium	51-2	152739	152473	150617	151943	0.76	cps
Ytterbium	172-1	13674	13290	13207	13390	1.86	cps
Ytterbium	172-2	7041	7380	7853	7424	5.49	cps
Ytterbium	176-1	9037	9437	9028	9167	2.55	cps
Ytterbium	176-2	10443	10882	10666	10664	2.06	cps
Yttrium	89-1	15224148	15261532	15437778	15307819	0.75	cps
Yttrium	89-2	1573441	1589954	1575130	1579509	0.58	cps
Zinc	66-2	716275	696093	691450	701273	1.88	cps
Zirconium	90-1	27352	27712	27419	27494	0.69	cps
Zirconium	91-1	6427	6243	5626	6099	6.87	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4898-20LX5 Instrumnet Name : P8
 Client Sample ID : MH1FN0L Dilution Factor : 5
 Date & Time Acquired :: 2021-12-03 13:28:46 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	171864	166994	167355	168738	1.61	cps
Antimony	121-1	2867	2925	2992	2928	2.14	cps
Arsenic	75-2	1438	1448	1398	1428	1.85	cps
Barium	135-1	152143	151368	151538	151683	0.27	cps
Barium	137-1	266622	265156	271106	267628	1.16	cps
Beryllium	9-1	608	686	648	647	6.03	cps
Bismuth	209-1	4470771	4580240	4805824	4618945	3.70	cps
Bismuth	209-2	2574918	2717589	2715520	2669342	3.06	cps
Boron	10-1	1784	1642	1828	1751	5.55	cps
Boron	11-1	8229	8409	8145	8261	1.63	cps
Bromine	81-1	25088	23444	24577	24370	3.45	cps
Cadmium	111-1	4032	3970	3873	3958	2.03	cps
Cadmium	106-1	3951	3867	3909	3909	1.07	cps
Cadmium	108-1	233	317	271	274	15.25	cps
Calcium	43-1	637853	644231	640842	640976	0.50	cps
Calcium	44-1	10147248	10390104	10612653	10383335	2.24	cps
Carbon	12-1	4703581	4586733	4617057	4635790	1.31	cps
Carbon	12-2	48372	46683	46115	47057	2.50	cps
Chlorine	35-1	21954874	22030951	21518937	21834921	1.27	cps
Chlorine	35-2	132621	127913	122920	127818	3.80	cps
Chromium	52-2	18572	18555	18108	18412	1.43	cps
Cobalt	59-2	16319	15819	15789	15976	1.87	cps
Copper	63-2	147973	143693	147094	146253	1.55	cps
Dysprosium	156-1	10187	9537	9604	9776	3.66	cps
Dysprosium	156-2	4898	4701	4851	4816	2.13	cps
Erbium	164-1	8453	8378	7753	8194	4.69	cps
Erbium	164-2	3747	3974	3914	3878	3.03	cps
Gadolinium	160-1	9070	8795	9612	9159	4.54	cps
Gadolinium	160-2	4931	4888	4828	4882	1.06	cps
Holmium	165-1	8666884	8427293	8401861	8498679	1.72	cps
Holmium	165-2	3785812	4140023	4097557	4007797	4.83	cps
Indium	115-1	8338491	8555602	8264900	8386331	1.80	cps
Indium	115-2	1141362	1243921	1256908	1214064	5.21	cps
Iron	54-2	986876	942731	943405	957671	2.64	cps
Iron	56-2	17476179	17519164	17517812	17504385	0.14	cps
Iron	57-2	437183	433651	420280	430371	2.07	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 13:28:46	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	867	980	876	11.46	cps
Lead	206-1	774484	756242	767690	766139	1.20	cps
Lead	207-1	649147	643845	642867	645286	0.52	cps
Lead	208-1	3048321	2969147	3012908	3010125	1.32	cps
Lithium	6-1	2837368	2807893	2790438	2811900	0.84	cps
Magnesium	24-2	1735497	1646998	1661192	1681229	2.83	cps
Manganese	55-2	540976	534106	524023	533035	1.60	cps
Molybdenum	94-1	3150	3592	3200	3314	7.30	cps
Molybdenum	95-1	2550	2542	2225	2439	7.60	cps
Molybdenum	96-1	3225	3651	3467	3448	6.18	cps
Molybdenum	97-1	1342	1617	1625	1528	10.55	cps
Molybdenum	98-1	3626	3851	3584	3687	3.89	cps
Neodymium	150-1	16784	16063	16751	16533	2.46	cps
Neodymium	150-2	5398	5651	5485	5511	2.34	cps
Nickel	60-2	12906	12973	13023	12967	0.45	cps
Phosphorus	31-2	2142	1758	1875	1925	10.21	cps
Potassium	39-2	153947	152005	153825	153259	0.71	cps
Rhodium	103-1	8077208	8007838	8130866	8071971	0.76	cps
Rhodium	103-2	3377131	3771942	3794748	3647940	6.44	cps
Scandium	45-1	6696522	6775509	6736409	6736147	0.59	cps
Scandium	45-2	183678	198028	200125	193943	4.62	cps
Selenium	82-1	205	111	-75	80	177.06	cps
Selenium	77-2	40	40	37	39	4.94	cps
Selenium	78-2	93	68	67	76	19.38	cps
Silicon	28-1	1939422	1945624	1951855	1945634	0.32	cps
Silver	107-1	6143	6160	6385	6229	2.17	cps
Silver	109-1	5510	5576	5576	5554	0.69	cps
Sodium	23-2	40365	39496	39111	39657	1.62	cps
Strontium	86-1	115149	115360	113308	114606	0.98	cps
Strontium	88-1	958521	969748	992717	973662	1.79	cps
Sulfur	34-1	458277	461324	466600	462067	0.91	cps
Terbium	159-1	8978654	8875117	8931654	8928475	0.58	cps
Terbium	159-2	3771540	4187333	4131256	4030043	5.60	cps
Thallium	203-1	1075	1075	1017	1056	3.19	cps
Thallium	205-1	2267	2167	2517	2317	7.78	cps
Tin	118-1	17528	17820	16794	17381	3.04	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN0L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 13:28:46	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	50531	48198	49553	49428	2.37	cps
Uranium	238-1	7277	6927	6802	7002	3.52	cps
Vanadium	51-2	27533	26184	26040	26586	3.10	cps
Ytterbium	172-1	2475	2450	2334	2420	3.12	cps
Ytterbium	172-2	1289	1217	1289	1265	3.30	cps
Ytterbium	176-1	2617	2292	2292	2400	7.82	cps
Ytterbium	176-2	6129	6663	6730	6507	5.06	cps
Yttrium	89-1	13720742	14044403	14024091	13929745	1.30	cps
Yttrium	89-2	1325834	1426635	1476314	1409594	5.44	cps
Zinc	66-2	128669	128044	125713	127475	1.22	cps
Zirconium	90-1	5176	5109	5543	5276	4.42	cps
Zirconium	91-1	1050	1175	1150	1125	5.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:31:44	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	856278	857029	850031	854446	0.45	cps
Antimony	121-1	68547	69561	68749	68953	0.78	cps
Arsenic	75-2	9069	8789	8815	8891	1.74	cps
Barium	135-1	1365282	1350515	1374721	1363506	0.89	cps
Barium	137-1	2422959	2406883	2357656	2395832	1.42	cps
Beryllium	9-1	17029	17039	17049	17039	0.06	cps
Bismuth	209-1	4751588	4713574	4772051	4745738	0.63	cps
Bismuth	209-2	2720020	2794300	2696085	2736802	1.87	cps
Boron	10-1	3352	3862	3700	3638	7.16	cps
Boron	11-1	17273	17279	18072	17541	2.62	cps
Bromine	81-1	28799	28318	28519	28545	0.85	cps
Cadmium	111-1	33126	32236	32712	32691	1.36	cps
Cadmium	106-1	7052	6935	6785	6924	1.93	cps
Cadmium	108-1	2471	2396	2404	2424	1.70	cps
Calcium	43-1	3433786	3322653	3368659	3375033	1.65	cps
Calcium	44-1	55527398	53815493	54641479	54661457	1.57	cps
Carbon	12-1	6012070	6255765	6249713	6172516	2.25	cps
Carbon	12-2	66911	65103	65815	65943	1.38	cps
Chlorine	35-1	36894460	42628579	47264335	42262458	12.29	cps
Chlorine	35-2	350354	376680	393139	373391	5.78	cps
Chromium	52-2	164199	165392	165193	164928	0.39	cps
Cobalt	59-2	425361	433143	426352	428285	0.99	cps
Copper	63-2	866392	882700	871327	873473	0.96	cps
Dysprosium	156-1	49652	51719	52965	51445	3.25	cps
Dysprosium	156-2	24052	23531	24610	24064	2.24	cps
Erbium	164-1	43037	41683	43012	42578	1.82	cps
Erbium	164-2	19314	19301	19878	19498	1.69	cps
Gadolinium	160-1	47754	47862	46306	47307	1.84	cps
Gadolinium	160-2	25067	25595	25615	25425	1.22	cps
Holmium	165-1	8734025	8880302	8484830	8699719	2.30	cps
Holmium	165-2	4165773	4222665	4206595	4198344	0.70	cps
Indium	115-1	8497320	8552400	8242938	8430886	1.96	cps
Indium	115-2	1265589	1234424	1236384	1245465	1.40	cps
Iron	54-2	4525626	4611138	4547188	4561317	0.98	cps
Iron	56-2	82461102	82167738	81562346	82063729	0.56	cps
Iron	57-2	2067145	2170682	2065853	2101227	2.86	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:31:44	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	1043	937	986	5.47	cps
Lead	206-1	4179863	4106498	4178591	4154984	1.01	cps
Lead	207-1	3562894	3338571	3556332	3485932	3.66	cps
Lead	208-1	16270113	15604474	16464867	16113152	2.80	cps
Lithium	6-1	2829292	2787266	2792952	2803170	0.81	cps
Magnesium	24-2	8674122	8265049	8422117	8453763	2.44	cps
Manganese	55-2	2958823	2945742	2892895	2932487	1.19	cps
Molybdenum	94-1	15509	15442	15493	15481	0.22	cps
Molybdenum	95-1	11430	11338	11380	11383	0.40	cps
Molybdenum	96-1	14933	15559	15484	15326	2.23	cps
Molybdenum	97-1	6802	6835	6827	6821	0.25	cps
Molybdenum	98-1	17954	17436	17186	17525	2.23	cps
Neodymium	150-1	86351	86195	84633	85726	1.11	cps
Neodymium	150-2	28601	29155	29189	28981	1.14	cps
Nickel	60-2	156466	156372	157118	156652	0.26	cps
Phosphorus	31-2	9253	8878	9353	9161	2.73	cps
Potassium	39-2	701349	691948	691602	694966	0.80	cps
Rhodium	103-1	8179954	8185996	7951647	8105866	1.65	cps
Rhodium	103-2	3788167	3672351	3717841	3726120	1.57	cps
Scandium	45-1	7232157	7042365	6940740	7071754	2.09	cps
Scandium	45-2	210123	207568	203251	206981	1.68	cps
Selenium	82-1	1504	1554	1587	1548	2.69	cps
Selenium	77-2	183	150	233	189	22.21	cps
Selenium	78-2	282	275	302	286	4.89	cps
Silicon	28-1	8417585	8688665	8436848	8514366	1.78	cps
Silver	107-1	126112	122931	127859	125634	1.99	cps
Silver	109-1	116057	122948	120723	119910	2.93	cps
Sodium	23-2	122244	120741	121414	121466	0.62	cps
Strontium	86-1	601171	585260	593037	593156	1.34	cps
Strontium	88-1	5004510	4891998	5043839	4980115	1.58	cps
Sulfur	34-1	480671	482103	478079	480285	0.42	cps
Terbium	159-1	8965326	9349390	9390333	9235016	2.54	cps
Terbium	159-2	4188136	4142771	4111055	4147320	0.93	cps
Thallium	203-1	43031	43608	44870	43836	2.15	cps
Thallium	205-1	104515	107168	107506	106396	1.54	cps
Tin	118-1	73933	74370	70290	72865	3.07	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN0S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:31:44	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	239994	238797	236785	238525	0.68	cps
Uranium	238-1	35325	34656	33863	34615	2.11	cps
Vanadium	51-2	286914	287793	287942	287550	0.19	cps
Ytterbium	172-1	11547	12323	11630	11833	3.60	cps
Ytterbium	172-2	6385	6696	6785	6622	3.17	cps
Ytterbium	176-1	8278	8261	8770	8436	3.43	cps
Ytterbium	176-2	9354	9804	9987	9715	3.36	cps
Yttrium	89-1	14585839	15073493	14490084	14716472	2.13	cps
Yttrium	89-2	1535230	1488295	1550596	1524707	2.13	cps
Zinc	66-2	671600	667410	663136	667382	0.63	cps
Zirconium	90-1	24681	24088	24255	24342	1.26	cps
Zirconium	91-1	5560	5309	5685	5518	3.46	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P8
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:49:59	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2523067	2431198	2484401	2479555	1.86	cps
Antimony	121-1	2997560	3085608	3081915	3055028	1.63	cps
Arsenic	75-2	89654	90100	88392	89382	0.99	cps
Barium	135-1	3880239	4011383	4075842	3989154	2.50	cps
Barium	137-1	6547112	6775262	6705481	6675952	1.75	cps
Beryllium	9-1	734286	749667	747065	743673	1.11	cps
Bismuth	209-1	4854725	4592378	4682146	4709749	2.83	cps
Bismuth	209-2	2813722	2732127	2769256	2771701	1.47	cps
Boron	10-1	77500	82616	84004	81374	4.21	cps
Boron	11-1	369678	390841	397418	385979	3.76	cps
Bromine	81-1	21398	23063	21599	22020	4.13	cps
Cadmium	111-1	743592	730594	755820	743335	1.70	cps
Cadmium	106-1	89399	87378	91361	89379	2.23	cps
Cadmium	108-1	60512	61264	59914	60563	1.12	cps
Calcium	43-1	6047495	6334857	6305038	6229130	2.54	cps
Calcium	44-1	98623062	101303875	100145320	100024085	1.34	cps
Carbon	12-1	6058411	6491187	6532517	6360705	4.13	cps
Carbon	12-2	71902	73669	73836	73135	1.47	cps
Chlorine	35-1	2078021	2086846	2053444	2072770	0.84	cps
Chlorine	35-2	12714	11313	11421	11816	6.60	cps
Chromium	52-2	962917	965316	942029	956754	1.34	cps
Cobalt	59-2	1835242	1826244	1834361	1831949	0.27	cps
Copper	63-2	13726354	13685417	13248248	13553340	1.96	cps
Dysprosium	156-1	733	708	567	669	13.43	cps
Dysprosium	156-2	277	270	353	300	15.44	cps
Erbium	164-1	125	117	175	139	22.72	cps
Erbium	164-2	53	57	73	61	17.53	cps
Gadolinium	160-1	508	533	367	469	19.15	cps
Gadolinium	160-2	350	357	327	344	4.57	cps
Holmium	165-1	9094100	9075415	8868997	9012837	1.39	cps
Holmium	165-2	4464865	4294908	4299322	4353032	2.23	cps
Indium	115-1	8261302	8137647	8422171	8273706	1.72	cps
Indium	115-2	1221610	1225212	1215090	1220637	0.42	cps
Iron	54-2	10106297	10098149	10269207	10157884	0.95	cps
Iron	56-2	186585410	188888510	185265015	186912978	0.98	cps
Iron	57-2	4653900	4727552	4672805	4684752	0.82	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P8
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:49:59	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1067	877	1017	987	9.98	cps
Lead	206-1	9828227	9766328	9741528	9778694	0.46	cps
Lead	207-1	8515481	8339709	8562283	8472491	1.39	cps
Lead	208-1	39194714	37985029	38636930	38605558	1.57	cps
Lithium	6-1	2879133	2995403	3041968	2972168	2.82	cps
Magnesium	24-2	37243015	36151351	36502086	36632151	1.52	cps
Manganese	55-2	4989564	4994114	4963891	4982523	0.33	cps
Molybdenum	94-1	13180782	13515941	13504806	13400510	1.42	cps
Molybdenum	95-1	19642677	19320046	19410410	19457711	0.86	cps
Molybdenum	96-1	21144889	21113136	21877933	21378653	2.02	cps
Molybdenum	97-1	11965896	11794650	12009175	11923240	0.95	cps
Molybdenum	98-1	31829907	30857959	31302657	31330174	1.55	cps
Neodymium	150-1	273	220	300	264	15.40	cps
Neodymium	150-2	27	17	17	20	28.86	cps
Nickel	60-2	474008	473412	462357	469925	1.40	cps
Phosphorus	31-2	25515	25732	24671	25306	2.21	cps
Potassium	39-2	13469170	13846610	13419021	13578267	1.72	cps
Rhodium	103-1	7794713	7665438	7914951	7791701	1.60	cps
Rhodium	103-2	3584785	3582842	3563676	3577101	0.33	cps
Scandium	45-1	6675666	6805137	6800898	6760567	1.09	cps
Scandium	45-2	197756	196523	194282	196187	0.90	cps
Selenium	82-1	63092	63415	63544	63350	0.37	cps
Selenium	77-2	1837	1810	1890	1846	2.21	cps
Selenium	78-2	6016	6099	6121	6079	0.91	cps
Silicon	28-1	3406197	3719778	3780063	3635346	5.52	cps
Silver	107-1	4021140	4085332	4031689	4046054	0.85	cps
Silver	109-1	3943498	3869901	3791678	3868359	1.96	cps
Sodium	23-2	72067647	71616116	70633702	71439155	1.03	cps
Strontium	86-1	12168333	12214800	11922926	12102019	1.30	cps
Strontium	88-1	104170890	103420521	102967800	103519737	0.59	cps
Sulfur	34-1	831816	839567	825967	832450	0.82	cps
Terbium	159-1	9309680	9576191	9754904	9546925	2.35	cps
Terbium	159-2	4207553	4290712	4249233	4249166	0.98	cps
Thallium	203-1	2374672	2326690	2369996	2357119	1.12	cps
Thallium	205-1	5480104	5497577	5612992	5530224	1.31	cps
Tin	118-1	2684708	2755355	2705454	2715172	1.34	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P8
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:49:59	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6405985	6498993	6520867	6475282	0.94	cps
Uranium	238-1	7101845	7095017	6890043	7028968	1.71	cps
Vanadium	51-2	799806	794359	783218	792461	1.07	cps
Ytterbium	172-1	75	67	58	67	12.50	cps
Ytterbium	172-2	28	33	11	24	48.04	cps
Ytterbium	176-1	11589	11122	11864	11525	3.26	cps
Ytterbium	176-2	10727	10743	11149	10873	2.20	cps
Yttrium	89-1	14030406	13773406	13847812	13883875	0.95	cps
Yttrium	89-2	1458411	1394979	1381456	1411615	2.91	cps
Zinc	66-2	1368026	1364240	1358474	1363580	0.35	cps
Zirconium	90-1	6449517	6284554	6548058	6427376	2.07	cps
Zirconium	91-1	1449145	1435975	1469445	1451522	1.16	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB044 Instrumnet Name : P8
 Client Sample ID : CCB044 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 13:56:31 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	169	136	151	152	10.70	cps
Antimony	121-1	675	850	1050	858	21.86	cps
Arsenic	75-2	5	13	7	8	49.96	cps
Barium	135-1	208	50	67	108	80.31	cps
Barium	137-1	300	192	133	208	40.60	cps
Beryllium	9-1	166	184	178	176	5.21	cps
Bismuth	209-1	4933705	4871220	5032210	4945712	1.64	cps
Bismuth	209-2	2819438	2815535	2718504	2784492	2.05	cps
Boron	10-1	6356	6314	6354	6341	0.37	cps
Boron	11-1	29341	30263	29917	29840	1.56	cps
Bromine	81-1	20737	21790	22050	21526	3.23	cps
Cadmium	111-1	384	359	386	376	4.07	cps
Cadmium	106-1	2975	2900	3401	3092	8.72	cps
Cadmium	108-1	25	21	29	25	16.68	cps
Calcium	43-1	456	362	316	378	18.85	cps
Calcium	44-1	28033	26673	25903	26869	4.01	cps
Carbon	12-1	4427220	4561834	4456877	4481977	1.58	cps
Carbon	12-2	46048	46825	45505	46126	1.44	cps
Chlorine	35-1	1542956	1511584	1531785	1528775	1.04	cps
Chlorine	35-2	8778	8586	8519	8628	1.55	cps
Chromium	52-2	983	987	967	979	1.09	cps
Cobalt	59-2	107	90	93	97	9.13	cps
Copper	63-2	1103	1083	1133	1107	2.27	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	67	92	58	72	24.02	cps
Erbium	164-2	30	23	17	23	28.56	cps
Gadolinium	160-1	17	50	50	39	49.48	cps
Gadolinium	160-2	70	100	90	87	17.63	cps
Holmium	165-1	9065467	8449866	8516212	8677182	3.89	cps
Holmium	165-2	4045061	3965005	4059949	4023338	1.27	cps
Indium	115-1	8668287	8334330	8148271	8383629	3.14	cps
Indium	115-2	1242026	1186811	1225284	1218040	2.32	cps
Iron	54-2	739	594	694	676	10.95	cps
Iron	56-2	7947	7003	6135	7028	12.90	cps
Iron	57-2	350	322	356	343	5.21	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P8
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:56:31	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	893	900	940	911	2.77	cps
Lead	206-1	1195	1089	983	1089	9.69	cps
Lead	207-1	1061	817	811	896	15.93	cps
Lead	208-1	4578	3767	3878	4074	10.79	cps
Lithium	6-1	2890996	2917507	2811607	2873370	1.92	cps
Magnesium	24-2	1475	1275	1108	1286	14.27	cps
Manganese	55-2	127	140	103	123	15.05	cps
Molybdenum	94-1	1108	758	742	870	23.81	cps
Molybdenum	95-1	1258	758	633	883	37.44	cps
Molybdenum	96-1	1250	933	742	975	26.33	cps
Molybdenum	97-1	625	400	517	514	21.90	cps
Molybdenum	98-1	1967	1150	1067	1395	35.67	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	63	57	87	69	22.87	cps
Phosphorus	31-2	100	125	83	103	20.40	cps
Potassium	39-2	21725	20332	20924	20994	3.33	cps
Rhodium	103-1	8110396	8018142	8156797	8095111	0.87	cps
Rhodium	103-2	3747106	3595216	3642894	3661739	2.12	cps
Scandium	45-1	6784014	6672817	6680971	6712601	0.92	cps
Scandium	45-2	193506	185641	188386	189178	2.11	cps
Selenium	82-1	-33	-27	29	-10	-330.52	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	59	47	44	50	15.88	cps
Silicon	28-1	635358	634433	628112	632634	0.62	cps
Silver	107-1	550	408	508	489	14.89	cps
Silver	109-1	408	425	392	408	4.08	cps
Sodium	23-2	28912	28236	27051	28066	3.36	cps
Strontium	86-1	1708	1575	1750	1678	5.45	cps
Strontium	88-1	4794	2584	1725	3035	52.18	cps
Sulfur	34-1	408930	405918	423429	412759	2.27	cps
Terbium	159-1	9113378	9359653	9199054	9224028	1.36	cps
Terbium	159-2	4174669	3997311	4003607	4058529	2.48	cps
Thallium	203-1	800	800	625	742	13.62	cps
Thallium	205-1	1675	1558	1834	1689	8.17	cps
Tin	118-1	625	567	550	581	6.78	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P8
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:56:31	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450	408	317	392	17.42	cps
Uranium	238-1	217	133	167	172	24.35	cps
Vanadium	51-2	20	20	7	16	49.47	cps
Ytterbium	172-1	33	25	17	25	33.32	cps
Ytterbium	172-2	6	17	17	13	49.47	cps
Ytterbium	176-1	892	867	825	861	3.91	cps
Ytterbium	176-2	5568	5768	5618	5651	1.84	cps
Yttrium	89-1	13781136	13619955	13625843	13675645	0.67	cps
Yttrium	89-2	1400270	1323873	1331088	1351744	3.12	cps
Zinc	66-2	170	227	187	194	14.98	cps
Zirconium	90-1	800	1108	917	942	16.53	cps
Zirconium	91-1	217	258	167	214	21.46	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-01	Instrumnet Name :	P8
Client Sample ID :	MH1EX4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:59:33	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1690171	1616688	1617257	1641372	2.57	cps
Antimony	121-1	13949	13207	14358	13838	4.22	cps
Arsenic	75-2	8176	7992	7971	8046	1.40	cps
Barium	135-1	1128396	1127051	1131526	1128991	0.20	cps
Barium	137-1	2017634	2000621	1962420	1993558	1.42	cps
Beryllium	9-1	4824	4936	4832	4864	1.28	cps
Bismuth	209-1	4959347	4993335	4804964	4919216	2.04	cps
Bismuth	209-2	2836764	2858715	2866962	2854147	0.55	cps
Boron	10-1	8077	8409	8173	8219	2.08	cps
Boron	11-1	37286	39393	39820	38833	3.49	cps
Bromine	81-1	32732	33645	32301	32893	2.09	cps
Cadmium	111-1	20224	20246	21242	20571	2.83	cps
Cadmium	106-1	5718	6160	5901	5926	3.75	cps
Cadmium	108-1	1538	1617	1588	1581	2.53	cps
Calcium	43-1	1804588	1832306	1765854	1800916	1.85	cps
Calcium	44-1	29911909	29033350	28304994	29083418	2.77	cps
Carbon	12-1	6873945	6904335	7085900	6954727	1.65	cps
Carbon	12-2	71860	72204	73308	72457	1.04	cps
Chlorine	35-1	20849177	27459851	32355176	26888068	21.48	cps
Chlorine	35-2	263560	284899	299412	282624	6.38	cps
Chromium	52-2	83458	85319	84045	84274	1.13	cps
Cobalt	59-2	112346	112611	112444	112467	0.12	cps
Copper	63-2	748592	762542	759333	756822	0.97	cps
Dysprosium	156-1	86514	86169	90205	87630	2.55	cps
Dysprosium	156-2	40181	39582	39468	39744	0.96	cps
Erbium	164-1	71301	69366	70472	70379	1.38	cps
Erbium	164-2	33111	32149	31598	32286	2.37	cps
Gadolinium	160-1	82037	79304	80311	80550	1.72	cps
Gadolinium	160-2	41802	41923	42214	41979	0.50	cps
Holmium	165-1	9043544	9298221	8967630	9103131	1.90	cps
Holmium	165-2	4351117	4379360	4467894	4399457	1.38	cps
Indium	115-1	8218523	8741454	8485702	8481893	3.08	cps
Indium	115-2	1295718	1300140	1289412	1295090	0.42	cps
Iron	54-2	7089118	7027088	6916571	7010926	1.25	cps
Iron	56-2	129623778	125893289	128138233	127885100	1.47	cps
Iron	57-2	3329374	3202780	3277439	3269865	1.95	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-01	Instrumnet Name :	P8
Client Sample ID :	MH1EX4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:59:33	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	1027	1107	1038	6.17	cps
Lead	206-1	2950197	2981296	2999280	2976924	0.83	cps
Lead	207-1	2514961	2588325	2579348	2560878	1.56	cps
Lead	208-1	11681883	11826879	11770521	11759761	0.62	cps
Lithium	6-1	3240057	2886353	2997646	3041352	5.95	cps
Magnesium	24-2	2308716	2212686	2277162	2266188	2.16	cps
Manganese	55-2	2814754	2721557	2739363	2758558	1.79	cps
Molybdenum	94-1	24205	24422	24890	24505	1.43	cps
Molybdenum	95-1	18337	19306	18504	18716	2.77	cps
Molybdenum	96-1	24923	24389	25791	25034	2.83	cps
Molybdenum	97-1	11138	11230	11413	11260	1.24	cps
Molybdenum	98-1	29941	28747	29115	29268	2.09	cps
Neodymium	150-1	144499	147915	145347	145921	1.22	cps
Neodymium	150-2	49264	49244	48450	48986	0.95	cps
Nickel	60-2	98139	96754	96918	97270	0.78	cps
Phosphorus	31-2	12197	11713	13381	12431	6.90	cps
Potassium	39-2	1109582	1103697	1106289	1106522	0.27	cps
Rhodium	103-1	8110464	8374029	8291600	8258698	1.63	cps
Rhodium	103-2	3937624	3921958	3777753	3879112	2.27	cps
Scandium	45-1	7315944	7232943	7006843	7185243	2.23	cps
Scandium	45-2	210426	209633	209302	209787	0.28	cps
Selenium	82-1	415	361	277	351	19.83	cps
Selenium	77-2	303	243	263	270	11.31	cps
Selenium	78-2	229	224	227	227	1.11	cps
Silicon	28-1	12285684	12234766	12300663	12273704	0.28	cps
Silver	107-1	35455	35363	33959	34926	2.40	cps
Silver	109-1	33032	32556	33517	33035	1.45	cps
Sodium	23-2	275821	268391	272633	272281	1.37	cps
Strontium	86-1	938735	946554	953386	946225	0.77	cps
Strontium	88-1	8205154	7785902	8168537	8053197	2.88	cps
Sulfur	34-1	470961	476668	475415	474348	0.63	cps
Terbium	159-1	9931370	9917788	9552945	9800701	2.19	cps
Terbium	159-2	4413305	4265729	4398798	4359278	1.87	cps
Thallium	203-1	6277	6210	5885	6124	3.42	cps
Thallium	205-1	14567	13883	14417	14289	2.52	cps
Tin	118-1	93134	93865	94495	93831	0.73	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-01	Instrumnet Name :	P8
Client Sample ID :	MH1EX4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 13:59:33	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283342	286952	287144	285813	0.75	cps
Uranium	238-1	80642	81001	76339	79327	3.27	cps
Vanadium	51-2	210927	212898	210808	211544	0.55	cps
Ytterbium	172-1	20241	20483	19799	20174	1.72	cps
Ytterbium	172-2	10877	10593	10621	10697	1.46	cps
Ytterbium	176-1	13065	13115	13466	13215	1.65	cps
Ytterbium	176-2	12651	12250	12990	12630	2.93	cps
Yttrium	89-1	15623958	15601820	15577956	15601245	0.15	cps
Yttrium	89-2	1637629	1648614	1603764	1630002	1.43	cps
Zinc	66-2	525371	515605	511418	517465	1.38	cps
Zirconium	90-1	39615	38019	40208	39281	2.88	cps
Zirconium	91-1	8953	8628	8695	8759	1.96	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4900-02 Instrumnet Name : P8
 Client Sample ID : MH1EX5 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 14:02:29 DataFile Name : 057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1406929	1379022	1367857	1384603	1.45	cps
Antimony	121-1	14675	14366	14583	14542	1.09	cps
Arsenic	75-2	5258	5398	5385	5347	1.45	cps
Barium	135-1	998012	1014357	999102	1003824	0.91	cps
Barium	137-1	1704042	1767798	1749439	1740427	1.89	cps
Beryllium	9-1	4556	4468	4374	4466	2.04	cps
Bismuth	209-1	4870243	4959523	4860842	4896870	1.11	cps
Bismuth	209-2	2895977	2773925	2847586	2839163	2.16	cps
Boron	10-1	7813	8119	8359	8097	3.38	cps
Boron	11-1	38429	40480	39507	39472	2.60	cps
Bromine	81-1	28599	29823	30927	29783	3.91	cps
Cadmium	111-1	15926	15493	15121	15513	2.60	cps
Cadmium	106-1	5376	5218	5234	5276	1.65	cps
Cadmium	108-1	1233	1317	1225	1258	4.03	cps
Calcium	43-1	2148370	2251262	2184460	2194697	2.38	cps
Calcium	44-1	34306973	35697573	35110861	35038469	1.99	cps
Carbon	12-1	12387107	12440257	12388279	12405214	0.24	cps
Carbon	12-2	132194	135591	136162	134649	1.59	cps
Chlorine	35-1	42902100	49762428	53594190	48752906	11.11	cps
Chlorine	35-2	372295	383742	386499	380845	1.98	cps
Chromium	52-2	161715	160561	159342	160539	0.74	cps
Cobalt	59-2	86283	86490	87149	86641	0.52	cps
Copper	63-2	577246	573837	566838	572640	0.93	cps
Dysprosium	156-1	67128	64707	63955	65263	2.54	cps
Dysprosium	156-2	29777	29696	30351	29941	1.19	cps
Erbium	164-1	52940	53392	51242	52524	2.16	cps
Erbium	164-2	24352	24767	23504	24208	2.66	cps
Gadolinium	160-1	58605	58689	59425	58906	0.77	cps
Gadolinium	160-2	31460	32055	31537	31684	1.02	cps
Holmium	165-1	9048663	9278993	9004529	9110728	1.62	cps
Holmium	165-2	4437472	4045448	4266517	4249812	4.62	cps
Indium	115-1	8663552	8777120	8166924	8535865	3.80	cps
Indium	115-2	1296084	1192645	1290394	1259707	4.62	cps
Iron	54-2	6382109	6391201	6200006	6324439	1.71	cps
Iron	56-2	116740300	116197475	115466780	116134852	0.55	cps
Iron	57-2	2959653	3017733	2899493	2958960	2.00	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-02	Instrumnet Name :	P8
Client Sample ID :	MH1EX5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:02:29	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	960	1127	1047	7.98	cps
Lead	206-1	3508705	3280679	3415169	3401518	3.37	cps
Lead	207-1	2923092	2818092	2862615	2867933	1.84	cps
Lead	208-1	13325889	12986746	13110156	13140930	1.31	cps
Lithium	6-1	3070858	2912770	2956413	2980014	2.74	cps
Magnesium	24-2	2405286	2341864	2318644	2355265	1.90	cps
Manganese	55-2	2921743	2960371	2880509	2920875	1.37	cps
Molybdenum	94-1	22193	20691	20949	21278	3.78	cps
Molybdenum	95-1	18696	18905	18930	18844	0.68	cps
Molybdenum	96-1	23696	25708	24723	24709	4.07	cps
Molybdenum	97-1	10546	11322	10688	10852	3.81	cps
Molybdenum	98-1	28906	29240	27804	28650	2.62	cps
Neodymium	150-1	111334	110882	109587	110601	0.82	cps
Neodymium	150-2	38014	37894	36403	37437	2.40	cps
Nickel	60-2	64576	64040	64274	64297	0.42	cps
Phosphorus	31-2	16501	17344	16385	16743	3.13	cps
Potassium	39-2	1175326	1200618	1191836	1189260	1.08	cps
Rhodium	103-1	8492642	8478863	8241999	8404501	1.68	cps
Rhodium	103-2	3903301	3616237	3931463	3817000	4.57	cps
Scandium	45-1	7320435	7355550	7361809	7345931	0.30	cps
Scandium	45-2	214063	195503	211434	207000	4.85	cps
Selenium	82-1	481	520	321	441	23.99	cps
Selenium	77-2	227	220	153	200	20.28	cps
Selenium	78-2	193	187	191	190	1.60	cps
Silicon	28-1	14578961	14489226	14845587	14637925	1.27	cps
Silver	107-1	30618	31178	30376	30724	1.34	cps
Silver	109-1	28756	28564	28839	28720	0.49	cps
Sodium	23-2	170701	169967	168997	169888	0.50	cps
Strontium	86-1	945520	960720	964456	956899	1.05	cps
Strontium	88-1	8057520	8038719	8244679	8113639	1.40	cps
Sulfur	34-1	499473	495570	500520	498521	0.52	cps
Terbium	159-1	9904135	9519327	9642411	9688624	2.03	cps
Terbium	159-2	4372794	4081583	4350056	4268144	3.79	cps
Thallium	203-1	3726	3617	3817	3720	2.69	cps
Thallium	205-1	9387	8461	8436	8762	6.18	cps
Tin	118-1	96960	95668	93110	95246	2.06	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-02	Instrumnet Name :	P8
Client Sample ID :	MH1EX5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:02:29	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	366455	366792	372656	368634	0.95	cps
Uranium	238-1	73363	73900	73044	73436	0.59	cps
Vanadium	51-2	175000	173494	172396	173630	0.75	cps
Ytterbium	172-1	14600	14617	14867	14695	1.02	cps
Ytterbium	172-2	8025	7747	7786	7852	1.92	cps
Ytterbium	176-1	9712	10279	9745	9912	3.21	cps
Ytterbium	176-2	11044	11121	11377	11181	1.56	cps
Yttrium	89-1	15653217	15577972	15615405	15615532	0.24	cps
Yttrium	89-2	1656872	1525437	1630360	1604223	4.33	cps
Zinc	66-2	625239	633184	623514	627312	0.82	cps
Zirconium	90-1	30509	30836	31437	30928	1.52	cps
Zirconium	91-1	6618	6844	6710	6724	1.68	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-03	Instrumnet Name :	P8
Client Sample ID :	MH1EX6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:05:23	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1317437	1355533	1319820	1330930	1.60	cps
Antimony	121-1	16652	16385	16727	16588	1.08	cps
Arsenic	75-2	7072	7064	6937	7025	1.08	cps
Barium	135-1	1208625	1183921	1151235	1181260	2.44	cps
Barium	137-1	2126216	2104633	2019733	2083528	2.70	cps
Beryllium	9-1	4408	4290	4322	4340	1.41	cps
Bismuth	209-1	4864028	4833851	4814619	4837500	0.51	cps
Bismuth	209-2	2792975	2773253	2814146	2793458	0.73	cps
Boron	10-1	7046	7320	7422	7263	2.68	cps
Boron	11-1	33664	35173	36136	34991	3.56	cps
Bromine	81-1	30113	32331	31498	31314	3.58	cps
Cadmium	111-1	19701	19629	19825	19718	0.50	cps
Cadmium	106-1	6277	5851	5826	5985	4.23	cps
Cadmium	108-1	1667	1708	1479	1618	7.54	cps
Calcium	43-1	2436459	2475384	2558276	2490039	2.50	cps
Calcium	44-1	39184111	39834931	40707115	39908719	1.91	cps
Carbon	12-1	7980915	8459088	8207699	8215901	2.91	cps
Carbon	12-2	88777	89482	88065	88775	0.80	cps
Chlorine	35-1	43948500	49281119	53310750	48846790	9.61	cps
Chlorine	35-2	378315	393601	401658	391191	3.03	cps
Chromium	52-2	104519	104344	104529	104464	0.10	cps
Cobalt	59-2	96837	96991	97213	97014	0.19	cps
Copper	63-2	724510	742103	736830	734481	1.23	cps
Dysprosium	156-1	64993	66718	65319	65677	1.40	cps
Dysprosium	156-2	30007	31357	30345	30570	2.30	cps
Erbium	164-1	56463	54873	52639	54658	3.51	cps
Erbium	164-2	24332	25024	24346	24567	1.61	cps
Gadolinium	160-1	63134	59157	59543	60611	3.62	cps
Gadolinium	160-2	32242	31791	32550	32195	1.19	cps
Holmium	165-1	9118826	8838790	8838356	8931991	1.81	cps
Holmium	165-2	4275457	4092570	4257576	4208534	2.40	cps
Indium	115-1	8601688	8617711	8484397	8567932	0.85	cps
Indium	115-2	1289005	1248704	1271395	1269701	1.59	cps
Iron	54-2	6819581	6780475	6616140	6738732	1.60	cps
Iron	56-2	119821722	122441722	120341080	120868175	1.15	cps
Iron	57-2	3055883	3128511	3116953	3100449	1.26	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-03	Instrumnet Name :	P8
Client Sample ID :	MH1EX6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:05:23	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	993	1000	1012	2.68	cps
Lead	206-1	4412300	4191627	4308590	4304172	2.57	cps
Lead	207-1	3730178	3525013	3694871	3650021	3.01	cps
Lead	208-1	17152672	16453851	16871857	16826127	2.09	cps
Lithium	6-1	2932270	3026839	2945782	2968297	1.72	cps
Magnesium	24-2	2051678	2115790	2081198	2082889	1.54	cps
Manganese	55-2	2908299	2916957	2858375	2894543	1.09	cps
Molybdenum	94-1	21743	21192	21058	21331	1.70	cps
Molybdenum	95-1	16694	17278	16694	16889	2.00	cps
Molybdenum	96-1	21918	22519	21392	21943	2.57	cps
Molybdenum	97-1	10196	9729	10604	10176	4.31	cps
Molybdenum	98-1	26668	25341	26668	26225	2.92	cps
Neodymium	150-1	110238	112877	111718	111611	1.19	cps
Neodymium	150-2	36834	37302	37466	37201	0.88	cps
Nickel	60-2	85921	85086	82055	84354	2.41	cps
Phosphorus	31-2	16585	16109	15609	16101	3.03	cps
Potassium	39-2	918554	922830	920552	920645	0.23	cps
Rhodium	103-1	8338172	8182436	8046999	8189202	1.78	cps
Rhodium	103-2	3888196	3822245	3816487	3842309	1.04	cps
Scandium	45-1	7164566	7346708	7244521	7251932	1.26	cps
Scandium	45-2	206945	205336	209607	207296	1.04	cps
Selenium	82-1	461	442	355	419	13.50	cps
Selenium	77-2	220	187	157	188	16.87	cps
Selenium	78-2	192	191	204	196	3.70	cps
Silicon	28-1	13685413	13880260	13290626	13618766	2.21	cps
Silver	107-1	40511	40820	38622	39984	2.98	cps
Silver	109-1	36850	37493	38287	37544	1.92	cps
Sodium	23-2	176105	176923	178029	177019	0.55	cps
Strontium	86-1	1075853	1071413	1067064	1071443	0.41	cps
Strontium	88-1	9079698	9154822	9280630	9171717	1.11	cps
Sulfur	34-1	469794	476092	476416	474101	0.79	cps
Terbium	159-1	9640416	9714469	8955081	9436655	4.44	cps
Terbium	159-2	4163629	4122916	4223338	4169961	1.21	cps
Thallium	203-1	4242	4543	4184	4323	4.45	cps
Thallium	205-1	10371	9929	10371	10224	2.50	cps
Tin	118-1	119060	116219	119093	118124	1.40	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-03	Instrumnet Name :	P8
Client Sample ID :	MH1EX6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:05:23	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	371320	379807	382587	377905	1.55	cps
Uranium	238-1	70355	71050	68545	69983	1.85	cps
Vanadium	51-2	177417	179316	178226	178320	0.53	cps
Ytterbium	172-1	16285	16285	15018	15863	4.61	cps
Ytterbium	172-2	8748	8347	8231	8442	3.21	cps
Ytterbium	176-1	10755	10379	10088	10407	3.21	cps
Ytterbium	176-2	10860	11438	11945	11414	4.75	cps
Yttrium	89-1	15839579	15557282	15710141	15702334	0.90	cps
Yttrium	89-2	1611809	1585362	1591859	1596343	0.86	cps
Zinc	66-2	786870	797589	788886	791115	0.72	cps
Zirconium	90-1	33800	33551	32305	33219	2.41	cps
Zirconium	91-1	7360	6902	6810	7024	4.20	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4900-04 Instrumnet Name : P8
 Client Sample ID : MH1EX7 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 14:08:19 DataFile Name : 059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1455267	1451318	1441379	1449321	0.49	cps
Antimony	121-1	16402	16419	16127	16316	1.01	cps
Arsenic	75-2	6881	6971	6872	6908	0.79	cps
Barium	135-1	1285894	1302421	1253909	1280741	1.93	cps
Barium	137-1	2269856	2308394	2239017	2272422	1.53	cps
Beryllium	9-1	4958	5138	4924	5007	2.30	cps
Bismuth	209-1	4713085	4705482	4671846	4696804	0.47	cps
Bismuth	209-2	2818945	2841121	2887994	2849353	1.24	cps
Boron	10-1	7410	7438	7691	7513	2.05	cps
Boron	11-1	34993	35582	37073	35883	2.99	cps
Bromine	81-1	34709	33836	34368	34304	1.28	cps
Cadmium	111-1	21538	21795	21088	21473	1.67	cps
Cadmium	106-1	6177	5835	6427	6146	4.84	cps
Cadmium	108-1	1729	1629	1621	1660	3.63	cps
Calcium	43-1	2117587	2135367	2077080	2110011	1.42	cps
Calcium	44-1	33679873	33665699	33478788	33608120	0.33	cps
Carbon	12-1	6801843	6748222	6993096	6847720	1.88	cps
Carbon	12-2	71692	71516	72823	72010	0.98	cps
Chlorine	35-1	48812949	53657273	56997058	53155760	7.74	cps
Chlorine	35-2	394567	412095	419353	408671	3.12	cps
Chromium	52-2	78517	80666	79928	79704	1.37	cps
Cobalt	59-2	104158	105098	104410	104555	0.47	cps
Copper	63-2	884018	885148	879472	882880	0.34	cps
Dysprosium	156-1	68225	67121	66441	67262	1.34	cps
Dysprosium	156-2	29797	30512	29827	30045	1.35	cps
Erbium	164-1	55366	55542	54907	55272	0.59	cps
Erbium	164-2	24960	24727	25231	24973	1.01	cps
Gadolinium	160-1	60372	60949	61602	60974	1.01	cps
Gadolinium	160-2	32166	32196	32663	32342	0.86	cps
Holmium	165-1	9030955	8954353	8617124	8867477	2.48	cps
Holmium	165-2	4332959	4236187	4283252	4284133	1.13	cps
Indium	115-1	8777712	8873068	8984185	8878322	1.16	cps
Indium	115-2	1274482	1274899	1292833	1280738	0.82	cps
Iron	54-2	6792512	6874215	6704006	6790245	1.25	cps
Iron	56-2	124980708	124158589	122762347	123967215	0.90	cps
Iron	57-2	3182575	3135793	3139320	3152563	0.83	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-04	Instrumnet Name :	P8
Client Sample ID :	MH1EX7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:08:19	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	980	1077	1003	1020	4.95	cps
Lead	206-1	4074445	3960820	4003524	4012930	1.43	cps
Lead	207-1	3334288	3306486	3458484	3366419	2.40	cps
Lead	208-1	15510912	15376376	16060074	15649121	2.31	cps
Lithium	6-1	3024262	2986253	2997500	3002672	0.65	cps
Magnesium	24-2	1894786	1854785	1881720	1877097	1.09	cps
Manganese	55-2	3130888	3175866	3091675	3132810	1.34	cps
Molybdenum	94-1	23954	23963	22844	23587	2.73	cps
Molybdenum	95-1	16302	16110	15376	15929	3.07	cps
Molybdenum	96-1	21818	22736	22085	22213	2.13	cps
Molybdenum	97-1	9670	9920	9504	9698	2.16	cps
Molybdenum	98-1	25240	24514	24372	24709	1.88	cps
Neodymium	150-1	113866	113303	114070	113746	0.35	cps
Neodymium	150-2	36212	36781	37700	36897	2.03	cps
Nickel	60-2	83028	81666	82216	82303	0.83	cps
Phosphorus	31-2	16760	15834	15751	16115	3.48	cps
Potassium	39-2	817201	823031	820474	820235	0.36	cps
Rhodium	103-1	8117670	8291874	8004860	8138135	1.78	cps
Rhodium	103-2	3843511	3844894	3812759	3833721	0.47	cps
Scandium	45-1	7340603	7379493	7249644	7323247	0.91	cps
Scandium	45-2	209788	211809	208451	210016	0.80	cps
Selenium	82-1	319	270	360	316	14.24	cps
Selenium	77-2	153	177	217	182	17.58	cps
Selenium	78-2	200	168	190	186	8.80	cps
Silicon	28-1	11617481	11267821	13486022	12123774	9.84	cps
Silver	107-1	43102	42617	41924	42547	1.39	cps
Silver	109-1	41438	40185	40335	40653	1.68	cps
Sodium	23-2	244078	239608	240701	241462	0.97	cps
Strontium	86-1	1119291	1092165	1117665	1109707	1.37	cps
Strontium	88-1	9582883	9486837	9149086	9406269	2.42	cps
Sulfur	34-1	469302	467505	469834	468880	0.26	cps
Terbium	159-1	9544894	9378239	9405002	9442712	0.95	cps
Terbium	159-2	4236039	4318523	4390093	4314885	1.79	cps
Thallium	203-1	5026	5426	5109	5187	4.07	cps
Thallium	205-1	11397	12673	11706	11925	5.58	cps
Tin	118-1	159314	160067	160901	160094	0.50	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-04	Instrumnet Name :	P8
Client Sample ID :	MH1EX7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:08:19	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392267	386588	388184	389013	0.75	cps
Uranium	238-1	72627	71337	70942	71635	1.23	cps
Vanadium	51-2	178062	177869	177153	177695	0.27	cps
Ytterbium	172-1	15593	15676	16194	15821	2.06	cps
Ytterbium	172-2	8408	8631	8475	8505	1.34	cps
Ytterbium	176-1	11272	11080	10613	10988	3.08	cps
Ytterbium	176-2	11494	11805	11944	11748	1.96	cps
Yttrium	89-1	15684944	15764728	14709010	15386227	3.82	cps
Yttrium	89-2	1601712	1569590	1567646	1579649	1.21	cps
Zinc	66-2	892362	894505	901635	896167	0.54	cps
Zirconium	90-1	42223	41789	42465	42159	0.81	cps
Zirconium	91-1	9770	9395	9303	9490	2.61	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-05	Instrumnet Name :	P8
Client Sample ID :	MH1EX8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:11:12	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1678463	1690458	1617217	1662046	2.36	cps
Antimony	121-1	10679	10946	11572	11066	4.14	cps
Arsenic	75-2	6376	6242	6305	6308	1.06	cps
Barium	135-1	1110620	1140774	1122833	1124742	1.35	cps
Barium	137-1	1937339	1999481	1962151	1966324	1.59	cps
Beryllium	9-1	4302	4436	4504	4414	2.33	cps
Bismuth	209-1	5019447	4822574	4826366	4889462	2.30	cps
Bismuth	209-2	2608881	2700184	2844547	2717871	4.37	cps
Boron	10-1	5366	5852	5722	5647	4.46	cps
Boron	11-1	27436	26990	27617	27347	1.18	cps
Bromine	81-1	33053	34799	33816	33889	2.58	cps
Cadmium	111-1	12373	12299	12129	12267	1.02	cps
Cadmium	106-1	4959	5268	5043	5090	3.13	cps
Cadmium	108-1	946	971	913	943	3.10	cps
Calcium	43-1	2159082	2290703	2265536	2238440	3.12	cps
Calcium	44-1	35092231	36905237	36978004	36325157	2.94	cps
Carbon	12-1	6733597	6733922	6714359	6727293	0.17	cps
Carbon	12-2	69842	68544	67422	68603	1.76	cps
Chlorine	35-1	48208311	54223864	56628962	53020379	8.18	cps
Chlorine	35-2	394078	397177	406800	399352	1.66	cps
Chromium	52-2	83418	81832	81048	82100	1.47	cps
Cobalt	59-2	102254	98049	97384	99229	2.66	cps
Copper	63-2	510488	508283	503741	507504	0.68	cps
Dysprosium	156-1	80962	79724	81719	80802	1.25	cps
Dysprosium	156-2	37108	36584	36293	36661	1.13	cps
Erbium	164-1	64650	64792	65261	64901	0.49	cps
Erbium	164-2	30722	29910	28955	29863	2.96	cps
Gadolinium	160-1	74526	73446	72548	73507	1.35	cps
Gadolinium	160-2	38683	38974	37857	38505	1.50	cps
Holmium	165-1	8837452	8576300	8691881	8701878	1.50	cps
Holmium	165-2	4052006	4148502	4388743	4196417	4.13	cps
Indium	115-1	8850442	8560992	8517982	8643138	2.09	cps
Indium	115-2	1201677	1207329	1270529	1226512	3.12	cps
Iron	54-2	6029798	5992548	5937738	5986694	0.77	cps
Iron	56-2	109978433	110875805	107637297	109497178	1.53	cps
Iron	57-2	2882637	2752954	2731042	2788878	2.94	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-05	Instrumnet Name :	P8
Client Sample ID :	MH1EX8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:11:12	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	1007	1097	1042	4.59	cps
Lead	206-1	1835394	1817552	1859035	1837327	1.13	cps
Lead	207-1	1452008	1469135	1463360	1461501	0.60	cps
Lead	208-1	7221732	7132189	7104551	7152824	0.86	cps
Lithium	6-1	2902055	2956559	3003552	2954055	1.72	cps
Magnesium	24-2	2271928	2210942	2163598	2215489	2.45	cps
Manganese	55-2	2004341	1961827	1925300	1963823	2.01	cps
Molybdenum	94-1	20307	21100	20582	20663	1.95	cps
Molybdenum	95-1	15050	15926	16385	15787	4.30	cps
Molybdenum	96-1	21317	22602	21559	21826	3.13	cps
Molybdenum	97-1	9612	9645	9479	9579	0.92	cps
Molybdenum	98-1	25407	25332	25775	25505	0.93	cps
Neodymium	150-1	136477	135499	135795	135924	0.37	cps
Neodymium	150-2	45684	46380	45156	45740	1.34	cps
Nickel	60-2	91043	89933	87466	89481	2.05	cps
Phosphorus	31-2	13206	13065	12581	12951	2.53	cps
Potassium	39-2	922550	904689	903784	910341	1.16	cps
Rhodium	103-1	8166039	8151525	8504520	8274028	2.41	cps
Rhodium	103-2	3591646	3552264	3812128	3652013	3.84	cps
Scandium	45-1	7074266	7217954	7176944	7156388	1.03	cps
Scandium	45-2	197538	197172	208278	200996	3.14	cps
Selenium	82-1	370	370	239	326	23.24	cps
Selenium	77-2	207	240	247	231	9.27	cps
Selenium	78-2	198	225	234	219	8.56	cps
Silicon	28-1	11818249	11819098	12035155	11890834	1.05	cps
Silver	107-1	21868	22269	22177	22104	0.95	cps
Silver	109-1	21334	20783	21250	21122	1.41	cps
Sodium	23-2	190316	188111	187213	188547	0.85	cps
Strontium	86-1	860661	878794	861962	867139	1.17	cps
Strontium	88-1	7368918	7354965	7324988	7349624	0.31	cps
Sulfur	34-1	465261	460940	466013	464072	0.59	cps
Terbium	159-1	9599419	9558639	9651114	9603057	0.48	cps
Terbium	159-2	4028023	4020742	4271532	4106766	3.48	cps
Thallium	203-1	4993	5326	4968	5096	3.93	cps
Thallium	205-1	11714	12114	11731	11853	1.91	cps
Tin	118-1	68305	67534	69261	68366	1.27	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-05	Instrumnet Name :	P8
Client Sample ID :	MH1EX8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:11:12	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	271575	266501	271901	269992	1.12	cps
Uranium	238-1	71981	71203	69986	71057	1.42	cps
Vanadium	51-2	216030	210148	206850	211009	2.20	cps
Ytterbium	172-1	17796	18246	17679	17907	1.67	cps
Ytterbium	172-2	10154	10743	9926	10275	4.10	cps
Ytterbium	176-1	12048	11797	11998	11947	1.11	cps
Ytterbium	176-2	11739	12178	11911	11943	1.85	cps
Yttrium	89-1	15851108	15333142	15311119	15498456	1.97	cps
Yttrium	89-2	1526730	1512691	1598493	1545971	2.98	cps
Zinc	66-2	383006	378252	369831	377030	1.77	cps
Zirconium	90-1	32538	32982	32890	32803	0.71	cps
Zirconium	91-1	6877	7394	7235	7169	3.69	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-06	Instrumnet Name :	P8
Client Sample ID :	MH1EX9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:14:07	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1349266	1330499	1348927	1342897	0.80	cps
Antimony	121-1	13440	13115	13807	13454	2.58	cps
Arsenic	75-2	5307	5385	5308	5333	0.84	cps
Barium	135-1	1197901	1172478	1180132	1183504	1.10	cps
Barium	137-1	2059596	2040587	2045135	2048439	0.48	cps
Beryllium	9-1	3928	3738	3954	3873	3.04	cps
Bismuth	209-1	5015460	4894655	4819232	4909782	2.02	cps
Bismuth	209-2	2989744	2845378	2857205	2897443	2.77	cps
Boron	10-1	7669	7695	8437	7933	5.50	cps
Boron	11-1	37591	38691	40053	38778	3.18	cps
Bromine	81-1	30354	29020	30395	29923	2.61	cps
Cadmium	111-1	14151	13317	13373	13614	3.42	cps
Cadmium	106-1	5518	5076	5209	5268	4.30	cps
Cadmium	108-1	1179	1188	1096	1154	4.39	cps
Calcium	43-1	2331025	2353958	2371849	2352278	0.87	cps
Calcium	44-1	37528332	37029111	36978512	37178651	0.82	cps
Carbon	12-1	11577486	12037943	12010026	11875152	2.17	cps
Carbon	12-2	133329	131353	128838	131174	1.72	cps
Chlorine	35-1	46171465	51559934	56075512	51268970	9.67	cps
Chlorine	35-2	394533	406310	412795	404546	2.29	cps
Chromium	52-2	163041	161454	163949	162815	0.78	cps
Cobalt	59-2	88047	89868	88618	88844	1.05	cps
Copper	63-2	546613	573045	555970	558543	2.40	cps
Dysprosium	156-1	65227	67404	67053	66561	1.76	cps
Dysprosium	156-2	31187	30655	29723	30522	2.43	cps
Erbium	164-1	54739	53810	52631	53727	1.97	cps
Erbium	164-2	24673	24967	24630	24757	0.74	cps
Gadolinium	160-1	61920	60873	58228	60340	3.15	cps
Gadolinium	160-2	31467	32961	31628	32019	2.56	cps
Holmium	165-1	8772770	8706043	8898299	8792371	1.11	cps
Holmium	165-2	4320361	4294224	4303460	4306015	0.31	cps
Indium	115-1	8561734	8459298	8373778	8464937	1.11	cps
Indium	115-2	1294756	1309981	1276914	1293884	1.28	cps
Iron	54-2	6124819	6244988	6202840	6190882	0.98	cps
Iron	56-2	115187228	118542186	114252005	115993806	1.94	cps
Iron	57-2	2863667	2984751	2917634	2922017	2.08	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-06	Instrumnet Name :	P8
Client Sample ID :	MH1EX9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:14:07	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1043	983	1042	5.60	cps
Lead	206-1	2688053	2748025	2713552	2716543	1.11	cps
Lead	207-1	2281502	2334486	2335077	2317022	1.33	cps
Lead	208-1	10501406	10754477	10620044	10625309	1.19	cps
Lithium	6-1	3057597	2869628	2815019	2914081	4.37	cps
Magnesium	24-2	2295286	2307825	2331623	2311578	0.80	cps
Manganese	55-2	2567409	2666688	2561263	2598453	2.28	cps
Molybdenum	94-1	20148	19080	20115	19781	3.07	cps
Molybdenum	95-1	16719	16819	16410	16649	1.28	cps
Molybdenum	96-1	21793	22285	21834	21971	1.24	cps
Molybdenum	97-1	9879	10521	10029	10143	3.31	cps
Molybdenum	98-1	25282	26134	26075	25830	1.84	cps
Neodymium	150-1	111253	111527	113901	112227	1.30	cps
Neodymium	150-2	38348	38950	40114	39137	2.29	cps
Nickel	60-2	63183	63337	64184	63568	0.85	cps
Phosphorus	31-2	18779	18078	17853	18237	2.65	cps
Potassium	39-2	1121842	1141061	1147385	1136763	1.17	cps
Rhodium	103-1	8273286	8462586	8145380	8293751	1.92	cps
Rhodium	103-2	3970511	3874578	3985039	3943376	1.52	cps
Scandium	45-1	7168355	6916811	6921919	7002362	2.05	cps
Scandium	45-2	213271	212835	212611	212906	0.16	cps
Selenium	82-1	291	347	359	333	10.91	cps
Selenium	77-2	147	190	170	169	12.84	cps
Selenium	78-2	194	224	174	197	12.75	cps
Silicon	28-1	13210958	13254038	13375766	13280254	0.64	cps
Silver	107-1	26785	25942	25841	26190	1.98	cps
Silver	109-1	24289	24573	25224	24695	1.94	cps
Sodium	23-2	172825	174024	171570	172806	0.71	cps
Strontium	86-1	988162	984758	994029	988983	0.47	cps
Strontium	88-1	8352919	8222706	8420252	8331959	1.21	cps
Sulfur	34-1	511111	510727	520296	514045	1.05	cps
Terbium	159-1	9424658	9492691	9106288	9341212	2.21	cps
Terbium	159-2	4438160	4231714	4425167	4365014	2.65	cps
Thallium	203-1	3859	3451	3592	3634	5.71	cps
Thallium	205-1	8653	9295	8995	8981	3.58	cps
Tin	118-1	84403	86298	86121	85607	1.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-06	Instrumnet Name :	P8
Client Sample ID :	MH1EX9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:14:07	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	360601	364956	353064	359540	1.67	cps
Uranium	238-1	60262	58939	58075	59092	1.86	cps
Vanadium	51-2	175392	181110	177029	177844	1.66	cps
Ytterbium	172-1	15268	15017	15501	15262	1.59	cps
Ytterbium	172-2	8047	7980	8219	8082	1.53	cps
Ytterbium	176-1	9896	10229	9896	10007	1.92	cps
Ytterbium	176-2	10732	11867	11783	11461	5.52	cps
Yttrium	89-1	15024661	15236466	15801899	15354342	2.62	cps
Yttrium	89-2	1638345	1623541	1640831	1634239	0.57	cps
Zinc	66-2	654955	655945	650490	653797	0.44	cps
Zirconium	90-1	27812	27419	27261	27497	1.03	cps
Zirconium	91-1	5685	6185	6193	6021	4.84	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-07	Instrumnet Name :	P8
Client Sample ID :	MH1EY0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:17:01	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1457817	1421210	1455595	1444874	1.42	cps
Antimony	121-1	15109	14708	15167	14995	1.67	cps
Arsenic	75-2	7302	7281	7279	7287	0.18	cps
Barium	135-1	1615341	1635751	1580923	1610672	1.72	cps
Barium	137-1	2808254	2706757	2751348	2755453	1.85	cps
Beryllium	9-1	4742	4826	4686	4751	1.48	cps
Bismuth	209-1	4807505	5104837	4895945	4936096	3.09	cps
Bismuth	209-2	2866667	2856949	2818286	2847300	0.90	cps
Boron	10-1	7182	7120	7400	7234	2.03	cps
Boron	11-1	33961	34734	35272	34655	1.90	cps
Bromine	81-1	30475	29923	31558	30652	2.71	cps
Cadmium	111-1	22016	21834	22670	22173	1.98	cps
Cadmium	106-1	6110	6235	6352	6232	1.94	cps
Cadmium	108-1	1608	1779	1800	1729	6.08	cps
Calcium	43-1	2498778	2602927	2430663	2510789	3.46	cps
Calcium	44-1	40425536	41047219	40198248	40557001	1.08	cps
Carbon	12-1	8644534	8734515	8895175	8758075	1.45	cps
Carbon	12-2	93028	90186	91125	91447	1.58	cps
Chlorine	35-1	47408586	54234165	55858072	52500274	8.54	cps
Chlorine	35-2	396515	401904	413535	403985	2.15	cps
Chromium	52-2	108568	108283	107618	108157	0.45	cps
Cobalt	59-2	110021	108920	108141	109027	0.87	cps
Copper	63-2	841585	839719	834561	838622	0.43	cps
Dysprosium	156-1	71502	71559	72096	71719	0.46	cps
Dysprosium	156-2	32092	32566	31741	32133	1.29	cps
Erbium	164-1	58991	58154	59225	58790	0.96	cps
Erbium	164-2	25665	26029	25247	25647	1.52	cps
Gadolinium	160-1	62959	66735	64826	64840	2.91	cps
Gadolinium	160-2	33970	34050	34301	34107	0.51	cps
Holmium	165-1	9168911	9214384	8947660	9110318	1.57	cps
Holmium	165-2	4290622	4240693	4257743	4263019	0.60	cps
Indium	115-1	8555421	9040027	8724073	8773173	2.80	cps
Indium	115-2	1261407	1269586	1273580	1268191	0.49	cps
Iron	54-2	7149866	7036196	7376278	7187447	2.41	cps
Iron	56-2	132115822	131382358	130962892	131487024	0.44	cps
Iron	57-2	3333958	3325392	3387990	3349113	1.01	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-07	Instrumnet Name :	P8
Client Sample ID :	MH1EY0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:17:01	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1067	1063	1064	0.18	cps
Lead	206-1	4224653	4174756	4369516	4256309	2.38	cps
Lead	207-1	3541399	3595373	3672570	3603114	1.83	cps
Lead	208-1	16328992	16527716	16747298	16534669	1.27	cps
Lithium	6-1	3215580	3011857	3054394	3093944	3.47	cps
Magnesium	24-2	2189906	2198704	2191286	2193299	0.22	cps
Manganese	55-2	3183703	3093381	3155486	3144190	1.47	cps
Molybdenum	94-1	22577	24071	23429	23359	3.21	cps
Molybdenum	95-1	16677	16285	16368	16443	1.26	cps
Molybdenum	96-1	23003	21526	22185	22238	3.33	cps
Molybdenum	97-1	10004	9795	9912	9904	1.05	cps
Molybdenum	98-1	25482	25299	25908	25563	1.22	cps
Neodymium	150-1	115193	120008	123209	119470	3.38	cps
Neodymium	150-2	40037	39813	39391	39747	0.82	cps
Nickel	60-2	79390	79095	77459	78648	1.32	cps
Phosphorus	31-2	14616	14983	14967	14855	1.40	cps
Potassium	39-2	1050734	1054468	1071915	1059039	1.07	cps
Rhodium	103-1	8267553	8601326	8252217	8373699	2.36	cps
Rhodium	103-2	3814701	3794941	3793068	3800903	0.32	cps
Scandium	45-1	7489890	7268942	7161141	7306658	2.29	cps
Scandium	45-2	211164	210713	208739	210205	0.61	cps
Selenium	82-1	313	334	311	319	4.00	cps
Selenium	77-2	160	213	167	180	16.15	cps
Selenium	78-2	209	218	240	222	7.17	cps
Silicon	28-1	13668247	13748904	14528951	13982034	3.40	cps
Silver	107-1	43745	43528	44105	43793	0.67	cps
Silver	109-1	41480	42341	43160	42327	1.98	cps
Sodium	23-2	195687	193508	197797	195664	1.10	cps
Strontium	86-1	1146977	1153401	1130785	1143721	1.02	cps
Strontium	88-1	9138847	9569505	9638202	9448851	2.86	cps
Sulfur	34-1	496257	498177	506470	500301	1.08	cps
Terbium	159-1	9293306	9907036	9648195	9616179	3.20	cps
Terbium	159-2	4228411	4215473	4189907	4211263	0.47	cps
Thallium	203-1	5018	5051	4659	4909	4.43	cps
Thallium	205-1	11539	11305	12215	11686	4.04	cps
Tin	118-1	137615	138422	136107	137381	0.86	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-07	Instrumnet Name :	P8
Client Sample ID :	MH1EY0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:17:01	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	390012	384564	390771	388449	0.87	cps
Uranium	238-1	67624	70656	67983	68754	2.41	cps
Vanadium	51-2	187668	187931	190761	188786	0.91	cps
Ytterbium	172-1	16753	17454	17729	17312	2.91	cps
Ytterbium	172-2	9126	9392	9465	9328	1.91	cps
Ytterbium	176-1	10721	11480	10821	11008	3.75	cps
Ytterbium	176-2	11389	11744	11878	11670	2.17	cps
Yttrium	89-1	15250167	15592215	15536345	15459576	1.19	cps
Yttrium	89-2	1593478	1574046	1598171	1588565	0.81	cps
Zinc	66-2	923184	916230	915416	918276	0.46	cps
Zirconium	90-1	35956	39041	36833	37277	4.27	cps
Zirconium	91-1	8653	8336	8703	8564	2.32	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-08	Instrumnet Name :	P8
Client Sample ID :	MH1EY1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:19:56	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1562568	1590874	1571640	1575027	0.92	cps
Antimony	121-1	16602	17028	17036	16889	1.47	cps
Arsenic	75-2	7817	7685	7612	7705	1.35	cps
Barium	135-1	1385382	1391037	1372966	1383128	0.67	cps
Barium	137-1	2355781	2467071	2489487	2437446	2.94	cps
Beryllium	9-1	5046	5054	5306	5135	2.88	cps
Bismuth	209-1	5015616	5109118	4796052	4973595	3.23	cps
Bismuth	209-2	2912850	2970841	2886969	2923554	1.47	cps
Boron	10-1	6624	6788	7222	6878	4.49	cps
Boron	11-1	32730	33391	34233	33451	2.25	cps
Bromine	81-1	32812	33535	33805	33384	1.54	cps
Cadmium	111-1	24942	23772	24657	24457	2.50	cps
Cadmium	106-1	6727	6243	6360	6443	3.92	cps
Cadmium	108-1	1900	1904	1938	1914	1.07	cps
Calcium	43-1	2131331	2065199	2059472	2085334	1.92	cps
Calcium	44-1	33235495	32740604	33319474	33098524	0.95	cps
Carbon	12-1	6751045	6972362	7067037	6930148	2.34	cps
Carbon	12-2	73083	76333	73585	74334	2.35	cps
Chlorine	35-1	46807130	50468998	55530318	50935482	8.60	cps
Chlorine	35-2	382754	396185	403671	394203	2.69	cps
Chromium	52-2	87908	89451	89018	88792	0.90	cps
Cobalt	59-2	111264	109286	111036	110529	0.98	cps
Copper	63-2	969723	959656	961287	963555	0.56	cps
Dysprosium	156-1	76654	74418	75062	75378	1.53	cps
Dysprosium	156-2	33830	33495	33586	33637	0.51	cps
Erbium	164-1	63184	63135	60758	62359	2.22	cps
Erbium	164-2	28183	28217	27792	28064	0.84	cps
Gadolinium	160-1	67338	66727	66627	66897	0.58	cps
Gadolinium	160-2	35818	36256	35751	35942	0.76	cps
Holmium	165-1	8981666	9233050	8621899	8945538	3.43	cps
Holmium	165-2	4332701	4300375	4370807	4334628	0.81	cps
Indium	115-1	8672635	8679789	8422413	8591612	1.71	cps
Indium	115-2	1271586	1267215	1260335	1266379	0.45	cps
Iron	54-2	6990703	6975031	7030081	6998605	0.41	cps
Iron	56-2	128635692	129158189	128588878	128794253	0.25	cps
Iron	57-2	3291224	3248554	3303269	3281016	0.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-08	Instrumnet Name :	P8
Client Sample ID :	MH1EY1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:19:56	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1117	1123	1096	3.88	cps
Lead	206-1	4383267	4518751	4268510	4390176	2.85	cps
Lead	207-1	3725325	3814646	3637282	3725751	2.38	cps
Lead	208-1	17094708	17251475	16591698	16979293	2.03	cps
Lithium	6-1	3055218	2881699	2943090	2960002	2.97	cps
Magnesium	24-2	2098858	2078161	2122103	2099707	1.05	cps
Manganese	55-2	3170274	3258605	3248304	3225727	1.50	cps
Molybdenum	94-1	26275	25583	24239	25366	4.08	cps
Molybdenum	95-1	16193	15759	15851	15935	1.44	cps
Molybdenum	96-1	22260	21876	23796	22644	4.49	cps
Molybdenum	97-1	9737	8795	9795	9442	5.95	cps
Molybdenum	98-1	24647	24038	23270	23985	2.88	cps
Neodymium	150-1	127717	122864	127971	126184	2.28	cps
Neodymium	150-2	41197	41578	42022	41599	0.99	cps
Nickel	60-2	78750	80165	80966	79960	1.40	cps
Phosphorus	31-2	13965	13482	14316	13921	3.01	cps
Potassium	39-2	906611	909899	888681	901730	1.27	cps
Rhodium	103-1	8163745	8399053	8177781	8246860	1.60	cps
Rhodium	103-2	3906241	3791580	3773062	3823628	1.89	cps
Scandium	45-1	7023629	7275482	7090926	7130012	1.83	cps
Scandium	45-2	210228	212205	214420	212285	0.99	cps
Selenium	82-1	350	229	227	269	26.22	cps
Selenium	77-2	193	170	223	196	13.67	cps
Selenium	78-2	234	194	204	211	9.88	cps
Silicon	28-1	10920158	10850895	11149706	10973586	1.43	cps
Silver	107-1	53137	53412	54284	53611	1.12	cps
Silver	109-1	50737	52401	51881	51673	1.65	cps
Sodium	23-2	257004	256117	251189	254770	1.23	cps
Strontium	86-1	1072957	1097575	1103812	1091448	1.49	cps
Strontium	88-1	9459704	9147311	9291740	9299585	1.68	cps
Sulfur	34-1	486282	475940	481171	481131	1.07	cps
Terbium	159-1	9432654	9139289	8989279	9187074	2.45	cps
Terbium	159-2	4273029	4212735	4261076	4248947	0.75	cps
Thallium	203-1	5676	5918	5009	5535	8.50	cps
Thallium	205-1	13391	12965	13524	13293	2.20	cps
Tin	118-1	188039	186413	192944	189132	1.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-08	Instrumnet Name :	P8
Client Sample ID :	MH1EY1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:19:56	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	371154	378749	368825	372909	1.39	cps
Uranium	238-1	66626	66082	65571	66093	0.80	cps
Vanadium	51-2	189127	191393	190069	190196	0.60	cps
Ytterbium	172-1	17070	17904	17687	17554	2.47	cps
Ytterbium	172-2	9598	9754	9826	9726	1.20	cps
Ytterbium	176-1	11480	11288	11414	11394	0.85	cps
Ytterbium	176-2	11761	12256	12256	12091	2.36	cps
Yttrium	89-1	15923359	15512201	15340428	15591996	1.92	cps
Yttrium	89-2	1604177	1588809	1614117	1602368	0.80	cps
Zinc	66-2	833188	831273	824724	829728	0.53	cps
Zirconium	90-1	47958	45384	46428	46590	2.78	cps
Zirconium	91-1	10788	10604	10771	10721	0.95	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4900-09 Instrumnet Name : P8
 Client Sample ID : MH1EY2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 14:22:49 DataFile Name : 064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1645540	1642608	1640957	1643035	0.14	cps
Antimony	121-1	11589	11413	12106	11703	3.08	cps
Arsenic	75-2	6837	6879	6889	6869	0.40	cps
Barium	135-1	1074652	1071331	1093328	1079770	1.10	cps
Barium	137-1	1821743	1820318	1792998	1811686	0.89	cps
Beryllium	9-1	4420	4302	4152	4291	3.13	cps
Bismuth	209-1	4757803	4877963	4761712	4799160	1.42	cps
Bismuth	209-2	2897850	2640064	2868322	2802079	5.03	cps
Boron	10-1	4658	4728	4732	4706	0.88	cps
Boron	11-1	22525	22899	23674	23033	2.55	cps
Bromine	81-1	34669	34097	34197	34321	0.89	cps
Cadmium	111-1	10950	11005	9896	10617	5.88	cps
Cadmium	106-1	5084	5034	4759	4959	3.53	cps
Cadmium	108-1	775	767	917	819	10.29	cps
Calcium	43-1	1816691	1838730	1822472	1825964	0.63	cps
Calcium	44-1	29104708	29852144	29703520	29553457	1.34	cps
Carbon	12-1	6321034	6628160	6629429	6526208	2.72	cps
Carbon	12-2	68828	71542	69959	70110	1.94	cps
Chlorine	35-1	50438333	55506364	58121866	54688854	7.14	cps
Chlorine	35-2	406969	411107	420398	412825	1.67	cps
Chromium	52-2	83301	80230	80505	81345	2.09	cps
Cobalt	59-2	97582	95528	97310	96807	1.15	cps
Copper	63-2	499774	499152	496118	498348	0.39	cps
Dysprosium	156-1	84091	84041	84720	84284	0.45	cps
Dysprosium	156-2	37670	38101	37870	37880	0.57	cps
Erbium	164-1	66986	65027	66509	66174	1.54	cps
Erbium	164-2	29937	30766	29867	30190	1.66	cps
Gadolinium	160-1	75716	77299	75849	76288	1.15	cps
Gadolinium	160-2	40722	39442	39157	39774	2.10	cps
Holmium	165-1	8825731	8846007	8711344	8794361	0.83	cps
Holmium	165-2	4240860	3989055	4293652	4174522	3.90	cps
Indium	115-1	8406796	8348926	8236605	8330776	1.04	cps
Indium	115-2	1277566	1199550	1276662	1251259	3.58	cps
Iron	54-2	5586754	5632552	5753826	5657711	1.53	cps
Iron	56-2	103931958	102943502	100862508	102579323	1.53	cps
Iron	57-2	2594240	2562055	2526326	2560874	1.33	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-09	Instrumnet Name :	P8
Client Sample ID :	MH1EY2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:22:49	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	1053	1053	1026	4.69	cps
Lead	206-1	1404956	1406766	1401525	1404416	0.19	cps
Lead	207-1	1203672	1213540	1212230	1209814	0.44	cps
Lead	208-1	5714188	5741906	5726009	5727368	0.24	cps
Lithium	6-1	2851234	2967807	2792128	2870390	3.11	cps
Magnesium	24-2	2190094	2178973	2207578	2192215	0.66	cps
Manganese	55-2	1775648	1778235	1775948	1776610	0.08	cps
Molybdenum	94-1	19356	20390	20099	19948	2.67	cps
Molybdenum	95-1	15451	15526	15601	15526	0.48	cps
Molybdenum	96-1	21234	21384	20541	21053	2.14	cps
Molybdenum	97-1	10154	9262	9095	9504	5.99	cps
Molybdenum	98-1	25215	23671	24522	24469	3.16	cps
Neodymium	150-1	137567	139857	137791	138405	0.91	cps
Neodymium	150-2	47207	47799	47691	47566	0.66	cps
Nickel	60-2	71408	73877	72477	72587	1.71	cps
Phosphorus	31-2	11063	11113	11171	11116	0.49	cps
Potassium	39-2	932307	938323	934519	935050	0.33	cps
Rhodium	103-1	8357701	8003765	8287800	8216422	2.28	cps
Rhodium	103-2	3926369	3518414	3829369	3758051	5.67	cps
Scandium	45-1	7102448	7342203	7303411	7249354	1.78	cps
Scandium	45-2	210831	198647	211236	206905	3.46	cps
Selenium	82-1	383	265	303	317	19.08	cps
Selenium	77-2	220	233	227	227	2.94	cps
Selenium	78-2	192	241	220	218	11.29	cps
Silicon	28-1	11175979	11446401	11785555	11469312	2.66	cps
Silver	107-1	22402	21584	21183	21723	2.86	cps
Silver	109-1	21467	21117	20382	20989	2.64	cps
Sodium	23-2	180230	182283	181141	181218	0.57	cps
Strontium	86-1	737197	761844	750952	749998	1.65	cps
Strontium	88-1	6408798	6473896	6232387	6371693	1.96	cps
Sulfur	34-1	464243	469405	460048	464565	1.01	cps
Terbium	159-1	9380995	9562737	9398184	9447305	1.06	cps
Terbium	159-2	4283996	4012914	4273229	4190046	3.66	cps
Thallium	203-1	4684	5109	5101	4965	4.90	cps
Thallium	205-1	11380	12181	11597	11720	3.53	cps
Tin	118-1	58769	60359	63130	60753	3.63	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-09	Instrumnet Name :	P8
Client Sample ID :	MH1EY2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:22:49	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	226507	234326	231401	230745	1.71	cps
Uranium	238-1	58855	60111	58545	59171	1.40	cps
Vanadium	51-2	205424	206648	204589	205554	0.50	cps
Ytterbium	172-1	18463	18230	18622	18438	1.07	cps
Ytterbium	172-2	9887	9921	10304	10037	2.31	cps
Ytterbium	176-1	12773	12506	12048	12442	2.95	cps
Ytterbium	176-2	11755	12812	12879	12482	5.05	cps
Yttrium	89-1	16187400	15525934	15255183	15656172	3.06	cps
Yttrium	89-2	1674166	1535241	1594616	1601341	4.35	cps
Zinc	66-2	277309	279405	280124	278946	0.52	cps
Zirconium	90-1	31411	30626	30609	30882	1.48	cps
Zirconium	91-1	7202	6452	6593	6749	5.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-10	Instrumnet Name :	P8
Client Sample ID :	MH1EY7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:25:44	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1409557	1432694	1370763	1404338	2.23	cps
Antimony	121-1	12940	13265	13115	13107	1.24	cps
Arsenic	75-2	5882	5751	5853	5828	1.18	cps
Barium	135-1	1020669	990645	1006158	1005824	1.49	cps
Barium	137-1	1784250	1774552	1761686	1773496	0.64	cps
Beryllium	9-1	4026	4230	4164	4140	2.51	cps
Bismuth	209-1	4967673	4899091	4959582	4942115	0.76	cps
Bismuth	209-2	2789910	2658317	2425150	2624459	7.04	cps
Boron	10-1	5564	5844	6118	5842	4.74	cps
Boron	11-1	27476	28404	29831	28570	4.15	cps
Bromine	81-1	32110	32421	34629	33053	4.15	cps
Cadmium	111-1	15955	15038	15863	15618	3.23	cps
Cadmium	106-1	5551	5585	5901	5679	3.40	cps
Cadmium	108-1	1258	1292	1113	1221	7.81	cps
Calcium	43-1	2095213	2188203	2154976	2146131	2.20	cps
Calcium	44-1	34051919	34591064	34961390	34534791	1.32	cps
Carbon	12-1	10496433	10702287	10930998	10709906	2.03	cps
Carbon	12-2	117143	118084	116813	117346	0.56	cps
Chlorine	35-1	47403277	53500093	56013522	52305631	8.46	cps
Chlorine	35-2	392356	410159	429419	410645	4.51	cps
Chromium	52-2	157457	158836	160461	158918	0.95	cps
Cobalt	59-2	97797	97371	98465	97877	0.56	cps
Copper	63-2	609762	598861	616159	608260	1.44	cps
Dysprosium	156-1	76346	78046	75507	76633	1.69	cps
Dysprosium	156-2	33713	34241	34929	34294	1.78	cps
Erbium	164-1	59242	57618	60330	59063	2.31	cps
Erbium	164-2	26527	27084	27024	26878	1.14	cps
Gadolinium	160-1	64876	69055	67774	67235	3.18	cps
Gadolinium	160-2	36022	36052	36861	36312	1.31	cps
Holmium	165-1	9158438	8648018	8728274	8844910	3.10	cps
Holmium	165-2	4305215	3971267	3678602	3985028	7.87	cps
Indium	115-1	8533711	8545991	8684808	8588170	0.98	cps
Indium	115-2	1291477	1177227	1071010	1179905	9.34	cps
Iron	54-2	6556912	6590448	6642601	6596654	0.65	cps
Iron	56-2	118178242	121266517	121031253	120158670	1.43	cps
Iron	57-2	3038815	3095123	2990961	3041633	1.71	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-10	Instrumnet Name :	P8
Client Sample ID :	MH1EY7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:25:44	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1020	980	1010	2.62	cps
Lead	206-1	2701724	2837268	2822463	2787152	2.67	cps
Lead	207-1	2296893	2362099	2366467	2341820	1.66	cps
Lead	208-1	10615200	10833592	10858303	10769032	1.24	cps
Lithium	6-1	2977958	2979523	2986524	2981335	0.15	cps
Magnesium	24-2	2239057	2177630	2210226	2208971	1.39	cps
Manganese	55-2	2712995	2683419	2711415	2702609	0.62	cps
Molybdenum	94-1	21768	22110	21392	21756	1.65	cps
Molybdenum	95-1	19005	18755	18555	18772	1.20	cps
Molybdenum	96-1	24831	23554	23996	24127	2.69	cps
Molybdenum	97-1	12006	11146	11046	11399	4.63	cps
Molybdenum	98-1	28689	29407	28380	28825	1.83	cps
Neodymium	150-1	132544	132631	134973	133383	1.03	cps
Neodymium	150-2	43999	44233	45374	44535	1.65	cps
Nickel	60-2	72869	72886	72611	72789	0.21	cps
Phosphorus	31-2	15317	14116	14591	14675	4.12	cps
Potassium	39-2	1096674	1121527	1127767	1115323	1.47	cps
Rhodium	103-1	8003303	8268323	8368894	8213507	2.30	cps
Rhodium	103-2	3833674	3570205	3249378	3551086	8.24	cps
Scandium	45-1	7288478	7075557	7306737	7223591	1.78	cps
Scandium	45-2	211877	191809	173478	192388	9.98	cps
Selenium	82-1	340	399	451	396	13.97	cps
Selenium	77-2	177	250	230	219	17.32	cps
Selenium	78-2	198	197	224	206	7.42	cps
Silicon	28-1	13823070	14132896	13730011	13895326	1.52	cps
Silver	107-1	31445	29282	30894	30540	3.68	cps
Silver	109-1	29299	28280	28831	28803	1.77	cps
Sodium	23-2	143116	145959	146003	145026	1.14	cps
Strontium	86-1	858872	848671	857619	855054	0.65	cps
Strontium	88-1	7406078	7244425	7154148	7268217	1.76	cps
Sulfur	34-1	498202	504763	500425	501130	0.67	cps
Terbium	159-1	9191946	9791169	9566454	9516523	3.18	cps
Terbium	159-2	4374327	3936799	3687414	3999513	8.69	cps
Thallium	203-1	4076	4218	4609	4301	6.42	cps
Thallium	205-1	9937	10354	10788	10360	4.11	cps
Tin	118-1	92018	92245	91774	92012	0.26	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-10	Instrumnet Name :	P8
Client Sample ID :	MH1EY7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:25:44	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	344947	338290	344866	342701	1.11	cps
Uranium	238-1	76398	76893	77119	76803	0.48	cps
Vanadium	51-2	196765	199951	199911	198875	0.92	cps
Ytterbium	172-1	16144	16277	16820	16413	2.18	cps
Ytterbium	172-2	9031	9092	9237	9120	1.16	cps
Ytterbium	176-1	11397	10938	10596	10977	3.66	cps
Ytterbium	176-2	11333	11227	10910	11157	1.97	cps
Yttrium	89-1	15576279	15289919	15393404	15419867	0.94	cps
Yttrium	89-2	1579703	1508539	1384650	1490964	6.62	cps
Zinc	66-2	695920	701654	696216	697930	0.46	cps
Zirconium	90-1	30050	30284	30393	30242	0.58	cps
Zirconium	91-1	6560	6635	7361	6852	6.45	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-11	Instrumnet Name :	P8
Client Sample ID :	MH1EY8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:28:38	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1416968	1428220	1430242	1425143	0.50	cps
Antimony	121-1	13983	14341	13882	14069	1.72	cps
Arsenic	75-2	7226	7308	7158	7230	1.04	cps
Barium	135-1	1112907	1091367	1124161	1109478	1.50	cps
Barium	137-1	1961450	1910568	1947695	1939904	1.36	cps
Beryllium	9-1	4328	4276	4186	4263	1.69	cps
Bismuth	209-1	5083240	4998280	4609088	4896870	5.16	cps
Bismuth	209-2	2845319	2745540	2787190	2792683	1.79	cps
Boron	10-1	4968	4840	5114	4974	2.76	cps
Boron	11-1	23694	25261	25505	24820	3.96	cps
Bromine	81-1	34668	34308	33836	34271	1.22	cps
Cadmium	111-1	23536	23333	23135	23335	0.86	cps
Cadmium	106-1	6610	6360	6702	6557	2.70	cps
Cadmium	108-1	1833	1879	2009	1907	4.76	cps
Calcium	43-1	2484797	2525189	2532046	2514011	1.02	cps
Calcium	44-1	39899364	41253268	40051754	40401462	1.84	cps
Carbon	12-1	8001145	8316568	8270975	8196229	2.08	cps
Carbon	12-2	86178	87252	88073	87168	1.09	cps
Chlorine	35-1	54645810	58244603	58881043	57257152	3.99	cps
Chlorine	35-2	396634	403200	409636	403157	1.61	cps
Chromium	52-2	106953	105059	105214	105742	0.99	cps
Cobalt	59-2	104507	106680	104642	105276	1.16	cps
Copper	63-2	806570	800467	787964	798334	1.19	cps
Dysprosium	156-1	69615	71149	70497	70420	1.09	cps
Dysprosium	156-2	32156	32540	32019	32238	0.84	cps
Erbium	164-1	55299	58330	55442	56357	3.03	cps
Erbium	164-2	26493	26273	25601	26123	1.78	cps
Gadolinium	160-1	63754	63720	61535	63003	2.02	cps
Gadolinium	160-2	34134	34568	33970	34224	0.90	cps
Holmium	165-1	9080733	9334197	8950193	9121708	2.14	cps
Holmium	165-2	4339110	4109988	4229537	4226212	2.71	cps
Indium	115-1	8756100	8617509	8540530	8638046	1.26	cps
Indium	115-2	1267956	1187639	1255035	1236877	3.49	cps
Iron	54-2	7210167	7181209	7153596	7181658	0.39	cps
Iron	56-2	131237925	135819103	133531717	133529582	1.72	cps
Iron	57-2	3368094	3408065	3335389	3370516	1.08	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-11	Instrumnet Name :	P8
Client Sample ID :	MH1EY8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:28:38	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1143	920	960	1008	11.82	cps
Lead	206-1	3961337	3961754	3907942	3943677	0.78	cps
Lead	207-1	3367179	3352581	3302812	3340857	1.01	cps
Lead	208-1	15724113	15685080	14977160	15462118	2.72	cps
Lithium	6-1	2859205	2884016	3001611	2914944	2.61	cps
Magnesium	24-2	2199695	2128166	2173589	2167150	1.67	cps
Manganese	55-2	3317218	3338167	3387933	3347773	1.08	cps
Molybdenum	94-1	20724	20474	20432	20543	0.77	cps
Molybdenum	95-1	17845	17528	16752	17375	3.24	cps
Molybdenum	96-1	22828	23512	23345	23228	1.54	cps
Molybdenum	97-1	10262	11013	10304	10527	4.01	cps
Molybdenum	98-1	26476	26509	26944	26643	0.98	cps
Neodymium	150-1	119746	118345	118526	118873	0.64	cps
Neodymium	150-2	40317	40458	39518	40098	1.26	cps
Nickel	60-2	82860	83352	82924	83045	0.32	cps
Phosphorus	31-2	11805	12781	12356	12314	3.97	cps
Potassium	39-2	855344	859523	865367	860078	0.59	cps
Rhodium	103-1	8283624	8101427	8170540	8185197	1.12	cps
Rhodium	103-2	3788202	3537107	3823523	3716277	4.20	cps
Scandium	45-1	7075277	7257672	7259454	7197468	1.47	cps
Scandium	45-2	209249	195763	204751	203254	3.38	cps
Selenium	82-1	177	429	395	334	41.07	cps
Selenium	77-2	157	253	220	210	23.38	cps
Selenium	78-2	195	207	194	199	3.64	cps
Silicon	28-1	13362755	13539427	13208911	13370364	1.24	cps
Silver	107-1	44874	44798	43210	44294	2.12	cps
Silver	109-1	42433	41514	42433	42127	1.26	cps
Sodium	23-2	154058	153334	154799	154064	0.48	cps
Strontium	86-1	926779	932483	932217	930493	0.35	cps
Strontium	88-1	7872069	7865972	8136275	7958106	1.94	cps
Sulfur	34-1	478503	477510	479611	478542	0.22	cps
Terbium	159-1	9308447	9576100	9121936	9335494	2.45	cps
Terbium	159-2	4282336	3995231	4256678	4178081	3.80	cps
Thallium	203-1	4884	5176	5460	5173	5.56	cps
Thallium	205-1	12164	12698	12139	12334	2.56	cps
Tin	118-1	106626	109984	106614	107741	1.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-11	Instrumnet Name :	P8
Client Sample ID :	MH1EY8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:28:38	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	327980	338028	328121	331376	1.74	cps
Uranium	238-1	70422	67321	65874	67872	3.42	cps
Vanadium	51-2	192281	191098	190680	191353	0.43	cps
Ytterbium	172-1	16052	15910	16503	16155	1.91	cps
Ytterbium	172-2	9342	8464	8559	8788	5.49	cps
Ytterbium	176-1	10746	10596	10379	10574	1.74	cps
Ytterbium	176-2	11361	11210	11511	11361	1.32	cps
Yttrium	89-1	15306267	15275561	15909314	15497047	2.31	cps
Yttrium	89-2	1574086	1503199	1593567	1556951	3.05	cps
Zinc	66-2	939796	939328	928744	935956	0.67	cps
Zirconium	90-1	29899	30042	29933	29958	0.25	cps
Zirconium	91-1	6310	6260	6602	6391	2.89	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-12	Instrumnet Name :	P8
Client Sample ID :	MH1EY9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:31:33	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1576831	1572737	1602678	1584082	1.02	cps
Antimony	121-1	14233	14908	15034	14725	2.93	cps
Arsenic	75-2	8518	8489	8411	8473	0.65	cps
Barium	135-1	1274518	1247494	1243452	1255155	1.35	cps
Barium	137-1	2157355	2234134	2202785	2198091	1.76	cps
Beryllium	9-1	4824	4924	4862	4870	1.04	cps
Bismuth	209-1	4818079	4700518	4819232	4779276	1.43	cps
Bismuth	209-2	2815152	2795705	2844590	2818483	0.87	cps
Boron	10-1	4670	4620	4804	4698	2.03	cps
Boron	11-1	23014	23456	23686	23385	1.46	cps
Bromine	81-1	35542	35210	34097	34949	2.17	cps
Cadmium	111-1	28757	29043	29185	28995	0.75	cps
Cadmium	106-1	7069	7169	6735	6991	3.25	cps
Cadmium	108-1	2200	2063	2192	2152	3.58	cps
Calcium	43-1	2795303	2872859	2774255	2814139	1.85	cps
Calcium	44-1	44553136	45990610	45894306	45479351	1.77	cps
Carbon	12-1	6880648	6736980	7038103	6885244	2.19	cps
Carbon	12-2	73635	72790	74104	73510	0.91	cps
Chlorine	35-1	47007822	53564080	56746801	52439568	9.47	cps
Chlorine	35-2	387035	405257	414006	402099	3.42	cps
Chromium	52-2	87975	87784	87462	87740	0.30	cps
Cobalt	59-2	120545	121145	121157	120949	0.29	cps
Copper	63-2	1019135	1025246	1029679	1024686	0.52	cps
Dysprosium	156-1	77391	80686	79237	79105	2.09	cps
Dysprosium	156-2	35417	36009	35414	35613	0.96	cps
Erbium	164-1	63553	65722	65956	65077	2.04	cps
Erbium	164-2	29002	29012	28795	28936	0.42	cps
Gadolinium	160-1	73646	71023	74434	73034	2.44	cps
Gadolinium	160-2	38723	38475	38262	38487	0.60	cps
Holmium	165-1	8909821	9145939	8829149	8961637	1.84	cps
Holmium	165-2	4437472	4373153	4310719	4373781	1.45	cps
Indium	115-1	8575887	8582731	8395110	8517909	1.25	cps
Indium	115-2	1282650	1259057	1261197	1267635	1.03	cps
Iron	54-2	8175731	8031758	8011124	8072871	1.11	cps
Iron	56-2	150130576	143371575	146889698	146797283	2.30	cps
Iron	57-2	3721088	3697047	3643893	3687343	1.07	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-12	Instrumnet Name :	P8
Client Sample ID :	MH1EY9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:31:33	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	1000	1037	996	4.37	cps
Lead	206-1	4479823	4457448	4565529	4500933	1.27	cps
Lead	207-1	3943950	3890154	3825708	3886604	1.52	cps
Lead	208-1	17807224	17253363	17630712	17563766	1.61	cps
Lithium	6-1	2908910	2872998	2948035	2909981	1.29	cps
Magnesium	24-2	2300219	2293881	2330568	2308223	0.85	cps
Manganese	55-2	3800455	3669167	3831752	3767125	2.29	cps
Molybdenum	94-1	23186	22953	32188	26109	20.17	cps
Molybdenum	95-1	18738	19255	19130	19041	1.42	cps
Molybdenum	96-1	25341	26301	24781	25474	3.02	cps
Molybdenum	97-1	11288	11163	11313	11255	0.71	cps
Molybdenum	98-1	27687	28522	29474	28561	3.13	cps
Neodymium	150-1	133702	133971	137349	135007	1.51	cps
Neodymium	150-2	45457	44768	44842	45022	0.84	cps
Nickel	60-2	89758	89687	89674	89706	0.05	cps
Phosphorus	31-2	11880	11747	11547	11725	1.43	cps
Potassium	39-2	822464	823781	824275	823507	0.11	cps
Rhodium	103-1	8152329	8117567	8126604	8132167	0.22	cps
Rhodium	103-2	3901883	3880337	3772047	3851422	1.81	cps
Scandium	45-1	6990577	7207105	7253616	7150432	1.96	cps
Scandium	45-2	213834	209959	208925	210906	1.23	cps
Selenium	82-1	412	363	293	356	16.75	cps
Selenium	77-2	183	177	247	202	19.10	cps
Selenium	78-2	209	203	215	209	2.87	cps
Silicon	28-1	10794973	11181871	11144683	11040509	1.93	cps
Silver	107-1	54919	54635	54333	54629	0.54	cps
Silver	109-1	50711	52744	53162	52205	2.51	cps
Sodium	23-2	176596	175272	176880	176249	0.49	cps
Strontium	86-1	1026114	1064847	1046709	1045890	1.85	cps
Strontium	88-1	8612046	9042293	8693136	8782492	2.60	cps
Sulfur	34-1	479795	485140	479232	481389	0.68	cps
Terbium	159-1	9371330	9179471	9407214	9319338	1.31	cps
Terbium	159-2	4376498	4244178	4138592	4253089	2.80	cps
Thallium	203-1	6527	6860	6318	6569	4.16	cps
Thallium	205-1	15510	15351	16361	15741	3.45	cps
Tin	118-1	132322	135578	134879	134260	1.28	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-12	Instrumnet Name :	P8
Client Sample ID :	MH1EY9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:31:33	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	352891	354996	348048	351978	1.01	cps
Uranium	238-1	73096	73230	72593	72973	0.46	cps
Vanadium	51-2	204822	207798	206166	206262	0.72	cps
Ytterbium	172-1	18547	19624	18563	18911	3.26	cps
Ytterbium	172-2	10265	10015	9720	10000	2.73	cps
Ytterbium	176-1	11847	12381	12089	12106	2.21	cps
Ytterbium	176-2	12312	12534	12267	12371	1.16	cps
Yttrium	89-1	15208194	15604386	15154560	15322380	1.60	cps
Yttrium	89-2	1636367	1607044	1607324	1616912	1.04	cps
Zinc	66-2	976066	952308	955458	961277	1.34	cps
Zirconium	90-1	35964	35405	35254	35541	1.05	cps
Zirconium	91-1	7927	8236	7644	7936	3.73	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-13	Instrumnet Name :	P8
Client Sample ID :	MH1EZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:34:26	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1480535	1453773	1461914	1465408	0.94	cps
Antimony	121-1	10996	11847	11063	11302	4.19	cps
Arsenic	75-2	7091	7091	7089	7090	0.02	cps
Barium	135-1	1027856	1036076	1034095	1032676	0.42	cps
Barium	137-1	1817410	1811513	1806779	1811901	0.29	cps
Beryllium	9-1	4256	4094	4238	4196	2.12	cps
Bismuth	209-1	5057656	4687755	4944044	4896485	3.87	cps
Bismuth	209-2	2752344	2835241	2733161	2773582	1.96	cps
Boron	10-1	3698	3896	3862	3818	2.77	cps
Boron	11-1	17649	18610	18700	18320	3.18	cps
Bromine	81-1	32602	34017	33174	33264	2.14	cps
Cadmium	111-1	16208	15713	15839	15920	1.61	cps
Cadmium	106-1	5610	5093	5101	5268	5.62	cps
Cadmium	108-1	1233	1258	1217	1236	1.70	cps
Calcium	43-1	1875284	1887725	1921901	1894970	1.27	cps
Calcium	44-1	29748421	29999541	30383080	30043681	1.06	cps
Carbon	12-1	6407323	6636766	6425730	6489940	1.96	cps
Carbon	12-2	65380	66510	67816	66569	1.83	cps
Chlorine	35-1	46480504	52488448	56803766	51924239	9.99	cps
Chlorine	35-2	379799	378180	383341	380440	0.69	cps
Chromium	52-2	78782	78967	78196	78648	0.51	cps
Cobalt	59-2	99226	98824	95881	97977	1.86	cps
Copper	63-2	596554	594942	593604	595033	0.25	cps
Dysprosium	156-1	74057	79982	75615	76551	4.01	cps
Dysprosium	156-2	33957	34097	34745	34266	1.23	cps
Erbium	164-1	61619	60589	60656	60955	0.95	cps
Erbium	164-2	28310	27448	27886	27882	1.55	cps
Gadolinium	160-1	70547	71149	68200	69966	2.23	cps
Gadolinium	160-2	36594	36075	36126	36265	0.79	cps
Holmium	165-1	8868201	8698682	8799431	8788771	0.97	cps
Holmium	165-2	4227061	4262065	4212635	4233920	0.60	cps
Indium	115-1	9001017	8489330	8114643	8534997	5.21	cps
Indium	115-2	1273885	1256461	1258870	1263072	0.75	cps
Iron	54-2	6130133	5985568	5877869	5997857	2.11	cps
Iron	56-2	108851850	108880255	106565138	108099081	1.23	cps
Iron	57-2	2794665	2725223	2719973	2746620	1.52	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-13	Instrumnet Name :	P8
Client Sample ID :	MH1EZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:34:26	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1130	1000	1059	6.22	cps
Lead	206-1	2258030	2267234	2290087	2271784	0.73	cps
Lead	207-1	1911615	1920706	1924130	1918817	0.34	cps
Lead	208-1	8856173	8808351	8978485	8881003	0.99	cps
Lithium	6-1	3021664	2923016	2767432	2904037	4.41	cps
Magnesium	24-2	2015681	2013133	1964421	1997745	1.45	cps
Manganese	55-2	2261703	2220073	2220595	2234124	1.07	cps
Molybdenum	94-1	20791	20833	20766	20797	0.16	cps
Molybdenum	95-1	17019	17153	16936	17036	0.64	cps
Molybdenum	96-1	23170	22694	22702	22856	1.19	cps
Molybdenum	97-1	10379	10513	10371	10421	0.76	cps
Molybdenum	98-1	25866	25716	25474	25685	0.77	cps
Neodymium	150-1	132342	129616	130628	130862	1.05	cps
Neodymium	150-2	42287	41547	42441	42092	1.13	cps
Nickel	60-2	69422	70115	68832	69456	0.92	cps
Phosphorus	31-2	8845	9270	8878	8997	2.63	cps
Potassium	39-2	830403	814439	823423	822755	0.97	cps
Rhodium	103-1	8259251	7885940	7825111	7990101	2.94	cps
Rhodium	103-2	3790758	3834655	3820915	3815442	0.59	cps
Scandium	45-1	7315579	7041032	7075417	7144009	2.09	cps
Scandium	45-2	210282	209709	207626	209206	0.67	cps
Selenium	82-1	260	223	271	251	9.88	cps
Selenium	77-2	207	200	223	210	5.72	cps
Selenium	78-2	221	198	192	204	7.52	cps
Silicon	28-1	10689991	11060841	10998478	10916437	1.82	cps
Silver	107-1	28923	28839	28597	28786	0.59	cps
Silver	109-1	26969	26877	26643	26830	0.63	cps
Sodium	23-2	163029	163164	163231	163141	0.06	cps
Strontium	86-1	794809	778644	778257	783903	1.21	cps
Strontium	88-1	6753945	6749770	6815624	6773113	0.54	cps
Sulfur	34-1	465727	465801	465136	465555	0.08	cps
Terbium	159-1	9512999	9365691	9139561	9339417	2.01	cps
Terbium	159-2	4204487	4298996	4341114	4281533	1.63	cps
Thallium	203-1	4726	5351	5001	5026	6.23	cps
Thallium	205-1	12106	12498	11772	12125	3.00	cps
Tin	118-1	73858	74170	72351	73459	1.32	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-13	Instrumnet Name :	P8
Client Sample ID :	MH1EZ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:34:26	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275501	278891	271557	275316	1.33	cps
Uranium	238-1	67959	67943	69030	68311	0.91	cps
Vanadium	51-2	184974	184466	183603	184348	0.38	cps
Ytterbium	172-1	16578	17103	18105	17262	4.49	cps
Ytterbium	172-2	9554	9526	9148	9409	2.41	cps
Ytterbium	176-1	11330	11789	11622	11580	2.01	cps
Ytterbium	176-2	11249	11700	12417	11789	5.00	cps
Yttrium	89-1	15701374	15199526	15465672	15455524	1.62	cps
Yttrium	89-2	1594695	1617847	1563541	1592028	1.71	cps
Zinc	66-2	450562	445009	447997	447856	0.62	cps
Zirconium	90-1	32054	32530	32814	32466	1.18	cps
Zirconium	91-1	7152	7486	7227	7288	2.40	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-14	Instrumnet Name :	P8
Client Sample ID :	MH1EZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:37:21	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1629052	1656831	1536790	1607557	3.91	cps
Antimony	121-1	20833	21334	20683	20950	1.63	cps
Arsenic	75-2	5934	6066	5964	5988	1.16	cps
Barium	135-1	1278535	1286088	1311083	1291902	1.32	cps
Barium	137-1	2264923	2332553	2315117	2304197	1.52	cps
Beryllium	9-1	6892	6798	6718	6803	1.28	cps
Bismuth	209-1	4899736	4805277	4986456	4897156	1.85	cps
Bismuth	209-2	2905419	2750428	2741558	2799135	3.29	cps
Boron	10-1	8929	9429	9717	9359	4.26	cps
Boron	11-1	42124	45239	46031	44465	4.64	cps
Bromine	81-1	29873	30334	30083	30097	0.77	cps
Cadmium	111-1	15703	15703	16670	16025	3.48	cps
Cadmium	106-1	5376	6001	5543	5640	5.74	cps
Cadmium	108-1	1463	1354	1225	1347	8.83	cps
Calcium	43-1	3672335	3707964	3802602	3727634	1.81	cps
Calcium	44-1	57118575	59176466	59405163	58566735	2.15	cps
Carbon	12-1	10771558	10792748	10920025	10828110	0.74	cps
Carbon	12-2	117350	115841	117200	116797	0.71	cps
Chlorine	35-1	48386708	53684931	56739083	52936907	7.98	cps
Chlorine	35-2	380410	381642	389408	383820	1.27	cps
Chromium	52-2	239620	242335	237827	239927	0.95	cps
Cobalt	59-2	95485	94816	92679	94327	1.55	cps
Copper	63-2	684295	686922	681305	684174	0.41	cps
Dysprosium	156-1	69181	68510	67581	68424	1.17	cps
Dysprosium	156-2	30766	31547	31110	31141	1.26	cps
Erbium	164-1	55843	56873	57894	56870	1.80	cps
Erbium	164-2	25809	25909	25030	25583	1.88	cps
Gadolinium	160-1	61192	63988	61694	62291	2.39	cps
Gadolinium	160-2	33238	33943	33412	33531	1.10	cps
Holmium	165-1	8891353	8815511	9220859	8975908	2.40	cps
Holmium	165-2	4256210	4284139	4277766	4272705	0.34	cps
Indium	115-1	8598035	8512249	8592827	8567703	0.56	cps
Indium	115-2	1260772	1268710	1261561	1263681	0.35	cps
Iron	54-2	6632148	6618221	6680091	6643487	0.49	cps
Iron	56-2	124207256	119839039	124803008	122949768	2.20	cps
Iron	57-2	3152341	3044943	3171164	3122816	2.18	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-14	Instrumnet Name :	P8
Client Sample ID :	MH1EZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:37:21	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	1013	950	1013	6.25	cps
Lead	206-1	4717048	4720804	4865866	4767906	1.78	cps
Lead	207-1	3995664	4080387	4136168	4070740	1.74	cps
Lead	208-1	18327603	18489229	19029884	18615572	1.98	cps
Lithium	6-1	3203248	2900407	2898549	3000735	5.84	cps
Magnesium	24-2	2912159	2981606	2874555	2922773	1.86	cps
Manganese	55-2	4457857	4458994	4504842	4473898	0.60	cps
Molybdenum	94-1	25316	27503	25866	26228	4.34	cps
Molybdenum	95-1	22828	23128	22360	22772	1.70	cps
Molybdenum	96-1	28338	29240	29014	28864	1.63	cps
Molybdenum	97-1	13157	13849	13774	13593	2.79	cps
Molybdenum	98-1	34728	33909	34210	34282	1.21	cps
Neodymium	150-1	112442	112885	116334	113887	1.87	cps
Neodymium	150-2	37379	38201	38525	38035	1.55	cps
Nickel	60-2	70477	70822	68712	70004	1.62	cps
Phosphorus	31-2	15784	15692	15600	15692	0.58	cps
Potassium	39-2	1287102	1280595	1257595	1275097	1.22	cps
Rhodium	103-1	8314792	8250848	8070927	8212189	1.54	cps
Rhodium	103-2	3831714	3895669	3823785	3850390	1.02	cps
Scandium	45-1	7113044	7078392	7209406	7133614	0.95	cps
Scandium	45-2	207369	207709	205843	206974	0.48	cps
Selenium	82-1	422	447	563	477	15.74	cps
Selenium	77-2	173	210	183	189	10.03	cps
Selenium	78-2	205	198	243	215	11.25	cps
Silicon	28-1	29354955	28537752	28900113	28930940	1.42	cps
Silver	107-1	31094	31695	31153	31314	1.06	cps
Silver	109-1	28706	30167	29507	29460	2.48	cps
Sodium	23-2	217506	219248	216577	217777	0.62	cps
Strontium	86-1	1420734	1402512	1450333	1424526	1.69	cps
Strontium	88-1	12304534	11899268	12264153	12155985	1.84	cps
Sulfur	34-1	543285	528074	533731	535030	1.44	cps
Terbium	159-1	9517823	9451530	9273578	9414310	1.34	cps
Terbium	159-2	4319271	4285748	4195107	4266709	1.51	cps
Thallium	203-1	3767	3325	3934	3676	8.56	cps
Thallium	205-1	8553	8161	8703	8472	3.30	cps
Tin	118-1	120515	120757	118969	120080	0.81	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-14	Instrumnet Name :	P8
Client Sample ID :	MH1EZ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:37:21	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	486143	507217	511930	501763	2.74	cps
Uranium	238-1	80079	81757	83913	81916	2.35	cps
Vanadium	51-2	184892	183815	185473	184727	0.46	cps
Ytterbium	172-1	16486	16661	17003	16717	1.57	cps
Ytterbium	172-2	8931	9187	9348	9155	2.30	cps
Ytterbium	176-1	11472	11013	11639	11375	2.85	cps
Ytterbium	176-2	11705	11783	12517	12002	3.73	cps
Yttrium	89-1	15850203	15009909	15864068	15574727	3.14	cps
Yttrium	89-2	1588098	1600908	1570614	1586540	0.96	cps
Zinc	66-2	883560	883733	876841	881378	0.45	cps
Zirconium	90-1	38228	38396	36958	37861	2.08	cps
Zirconium	91-1	8728	8186	8078	8331	4.19	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-15	Instrumnet Name :	P8
Client Sample ID :	MH1EZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:40:15	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1422567	1397698	1415885	1412050	0.91	cps
Antimony	121-1	16185	17011	16686	16627	2.50	cps
Arsenic	75-2	7193	7247	7082	7174	1.17	cps
Barium	135-1	1140508	1198780	1168123	1169137	2.49	cps
Barium	137-1	2041023	2138884	1997079	2058995	3.53	cps
Beryllium	9-1	4802	5012	4950	4921	2.19	cps
Bismuth	209-1	4938337	4410124	4812469	4720310	5.85	cps
Bismuth	209-2	2909933	2978115	2791763	2893270	3.26	cps
Boron	10-1	5956	6288	6302	6182	3.17	cps
Boron	11-1	30203	30498	31047	30583	1.40	cps
Bromine	81-1	31297	32170	32331	31933	1.74	cps
Cadmium	111-1	22750	24030	22801	23194	3.12	cps
Cadmium	106-1	6068	6318	6102	6163	2.20	cps
Cadmium	108-1	1813	1808	1917	1846	3.33	cps
Calcium	43-1	2664156	2644268	2702620	2670348	1.11	cps
Calcium	44-1	43141454	42404566	42330685	42625568	1.05	cps
Carbon	12-1	7972642	7849221	8116440	7979435	1.68	cps
Carbon	12-2	85138	83815	86010	84988	1.30	cps
Chlorine	35-1	46072286	51338864	55021626	50810925	8.85	cps
Chlorine	35-2	375440	376952	386017	379470	1.51	cps
Chromium	52-2	106892	108548	108438	107959	0.86	cps
Cobalt	59-2	104988	105212	103097	104432	1.11	cps
Copper	63-2	825505	836747	820429	827560	1.01	cps
Dysprosium	156-1	69574	68259	70178	69337	1.41	cps
Dysprosium	156-2	29937	31688	31009	30878	2.86	cps
Erbium	164-1	56639	57024	57058	56907	0.41	cps
Erbium	164-2	25424	25985	25147	25519	1.67	cps
Gadolinium	160-1	60488	65328	64055	63291	3.96	cps
Gadolinium	160-2	32951	32316	32175	32481	1.27	cps
Holmium	165-1	9196422	8065355	8995847	8752541	6.90	cps
Holmium	165-2	4340662	4420792	4214852	4325435	2.40	cps
Indium	115-1	8451148	7686103	8383922	8173724	5.18	cps
Indium	115-2	1258333	1262255	1254225	1258271	0.32	cps
Iron	54-2	7702193	7648360	7694718	7681757	0.38	cps
Iron	56-2	143948548	139727675	138547778	140741334	2.02	cps
Iron	57-2	3566795	3560359	3552393	3559849	0.20	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-15	Instrumnet Name :	P8
Client Sample ID :	MH1EZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:40:15	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1050	940	1009	5.95	cps
Lead	206-1	4597343	4661428	4526461	4595077	1.47	cps
Lead	207-1	3916423	3955366	3727860	3866550	3.15	cps
Lead	208-1	17673006	18029710	17275822	17659512	2.14	cps
Lithium	6-1	2967306	2653561	2982424	2867764	6.47	cps
Magnesium	24-2	2216314	2188412	2189579	2198102	0.72	cps
Manganese	55-2	3380271	3414380	3331374	3375342	1.24	cps
Molybdenum	94-1	22719	24898	24364	23993	4.73	cps
Molybdenum	95-1	17336	18296	18671	18101	3.80	cps
Molybdenum	96-1	25065	24005	24748	24606	2.21	cps
Molybdenum	97-1	11338	11130	11246	11238	0.93	cps
Molybdenum	98-1	29524	29474	29541	29513	0.12	cps
Neodymium	150-1	116059	114859	113552	114823	1.09	cps
Neodymium	150-2	38224	38352	37252	37943	1.59	cps
Nickel	60-2	80527	82692	82760	81993	1.55	cps
Phosphorus	31-2	15150	14658	15717	15175	3.49	cps
Potassium	39-2	906674	908491	914886	910017	0.47	cps
Rhodium	103-1	8149214	7221935	8086639	7819263	6.63	cps
Rhodium	103-2	3828896	3707217	3752514	3762876	1.63	cps
Scandium	45-1	7603964	6259327	7023362	6962218	9.69	cps
Scandium	45-2	205117	207125	206676	206306	0.51	cps
Selenium	82-1	469	387	451	436	9.95	cps
Selenium	77-2	197	210	193	200	4.41	cps
Selenium	78-2	191	207	225	208	8.19	cps
Silicon	28-1	16475353	16513510	17045045	16677969	1.91	cps
Silver	107-1	39942	41923	40753	40873	2.44	cps
Silver	109-1	37903	38463	38263	38209	0.74	cps
Sodium	23-2	176132	173888	177327	175782	0.99	cps
Strontium	86-1	1047656	1111752	1071658	1077022	3.01	cps
Strontium	88-1	9248254	9400884	9243471	9297536	0.96	cps
Sulfur	34-1	491757	500298	500116	497391	0.98	cps
Terbium	159-1	9395718	8457472	9564713	9139301	6.53	cps
Terbium	159-2	4223502	4325731	4209652	4252961	1.49	cps
Thallium	203-1	4809	4601	4776	4729	2.37	cps
Thallium	205-1	10705	11297	11355	11119	3.24	cps
Tin	118-1	125702	128814	126912	127143	1.23	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-15	Instrumnet Name :	P8
Client Sample ID :	MH1EZ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:40:15	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	401878	410903	392338	401706	2.31	cps
Uranium	238-1	107127	108079	105768	106991	1.09	cps
Vanadium	51-2	203000	200208	204021	202410	0.98	cps
Ytterbium	172-1	16027	16770	16978	16592	3.01	cps
Ytterbium	172-2	8697	8364	8725	8596	2.34	cps
Ytterbium	176-1	11122	10530	11138	10930	3.17	cps
Ytterbium	176-2	11528	11333	11322	11394	1.02	cps
Yttrium	89-1	15801126	13866479	15459176	15042260	6.86	cps
Yttrium	89-2	1549033	1561338	1563698	1558023	0.51	cps
Zinc	66-2	908688	899085	897789	901854	0.66	cps
Zirconium	90-1	36908	38203	37075	37395	1.88	cps
Zirconium	91-1	8053	9020	8561	8545	5.66	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-16	Instrumnet Name :	P8
Client Sample ID :	MH1EZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:43:10	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442752	1379512	1404149	1408804	2.26	cps
Antimony	121-1	12139	11255	12231	11875	4.54	cps
Arsenic	75-2	6677	6662	6675	6672	0.12	cps
Barium	135-1	944875	952934	957893	951900	0.69	cps
Barium	137-1	1661346	1664082	1654171	1659866	0.31	cps
Beryllium	9-1	3968	3836	3936	3913	1.76	cps
Bismuth	209-1	5015401	4736558	4916525	4889495	2.89	cps
Bismuth	209-2	2798288	2793163	2762689	2784713	0.69	cps
Boron	10-1	4200	4178	4530	4302	4.58	cps
Boron	11-1	20743	21197	21407	21116	1.61	cps
Bromine	81-1	29953	32411	33896	32087	6.21	cps
Cadmium	111-1	16163	17053	15816	16344	3.91	cps
Cadmium	106-1	5518	5576	5468	5521	0.98	cps
Cadmium	108-1	1183	1171	1183	1179	0.61	cps
Calcium	43-1	1765655	1781879	1779428	1775654	0.49	cps
Calcium	44-1	29482720	28972978	28843195	29099631	1.16	cps
Carbon	12-1	6686304	6358964	6560523	6535264	2.53	cps
Carbon	12-2	70771	71098	69332	70400	1.34	cps
Chlorine	35-1	50543281	55684714	60172076	55466690	8.69	cps
Chlorine	35-2	397041	397135	403666	399281	0.95	cps
Chromium	52-2	75776	76322	74821	75640	1.00	cps
Cobalt	59-2	96867	94257	94823	95316	1.44	cps
Copper	63-2	584306	572245	568613	575055	1.43	cps
Dysprosium	156-1	75389	74970	73345	74568	1.45	cps
Dysprosium	156-2	33155	33616	32667	33146	1.43	cps
Erbium	164-1	60020	58848	58773	59214	1.18	cps
Erbium	164-2	27165	26774	27458	27132	1.27	cps
Gadolinium	160-1	69524	69114	67112	68583	1.88	cps
Gadolinium	160-2	34732	35347	35280	35120	0.96	cps
Holmium	165-1	8975769	8812255	8963433	8917153	1.02	cps
Holmium	165-2	4209015	4304217	4209550	4240927	1.29	cps
Indium	115-1	8703250	8534802	8464805	8567619	1.43	cps
Indium	115-2	1234656	1266567	1245862	1249028	1.30	cps
Iron	54-2	6116591	6147806	6230885	6165094	0.96	cps
Iron	56-2	114103019	110956786	112952691	112670832	1.41	cps
Iron	57-2	2879890	2866106	2835790	2860595	0.79	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-16	Instrumnet Name :	P8
Client Sample ID :	MH1EZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:43:10	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1113	1087	1079	3.61	cps
Lead	206-1	2544799	2534367	2583529	2554232	1.01	cps
Lead	207-1	2185442	2124588	2088471	2132834	2.30	cps
Lead	208-1	10139483	9865607	9851722	9952271	1.63	cps
Lithium	6-1	2951844	2937790	3012472	2967368	1.34	cps
Magnesium	24-2	1938427	1923905	1916312	1926215	0.58	cps
Manganese	55-2	2277944	2184020	2303111	2255025	2.78	cps
Molybdenum	94-1	21624	20032	19197	20284	6.08	cps
Molybdenum	95-1	16552	16177	16652	16460	1.52	cps
Molybdenum	96-1	21734	22185	21693	21871	1.25	cps
Molybdenum	97-1	10296	9987	10271	10185	1.68	cps
Molybdenum	98-1	26651	25566	25223	25813	2.89	cps
Neodymium	150-1	126412	125678	126346	126145	0.32	cps
Neodymium	150-2	41832	41230	40942	41335	1.10	cps
Nickel	60-2	67405	65935	65989	66443	1.25	cps
Phosphorus	31-2	12406	12055	10929	11797	6.54	cps
Potassium	39-2	825303	820488	805408	817066	1.27	cps
Rhodium	103-1	8151474	8034402	8086776	8090884	0.72	cps
Rhodium	103-2	3709509	3835775	3735099	3760128	1.78	cps
Scandium	45-1	7202642	7364294	7365711	7310882	1.28	cps
Scandium	45-2	201989	209019	203508	204839	1.81	cps
Selenium	82-1	306	231	230	256	17.01	cps
Selenium	77-2	220	203	153	192	18.05	cps
Selenium	78-2	188	201	187	192	4.07	cps
Silicon	28-1	11455018	10938292	11325350	11239554	2.39	cps
Silver	107-1	27870	27169	27370	27470	1.31	cps
Silver	109-1	26493	25934	26343	26256	1.10	cps
Sodium	23-2	148623	150599	151423	150215	0.96	cps
Strontium	86-1	737316	736362	756790	743489	1.55	cps
Strontium	88-1	6220619	6311980	6608908	6380502	3.18	cps
Sulfur	34-1	470765	463505	463263	465844	0.92	cps
Terbium	159-1	9639346	9531839	9118273	9429819	2.92	cps
Terbium	159-2	4195929	4204615	4162789	4187778	0.53	cps
Thallium	203-1	4493	4859	4759	4704	4.03	cps
Thallium	205-1	11631	11873	11122	11542	3.32	cps
Tin	118-1	73967	71589	73767	73108	1.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-16	Instrumnet Name :	P8
Client Sample ID :	MH1EZ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:43:10	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	287685	295105	296705	293165	1.64	cps
Uranium	238-1	92631	98910	94351	95298	3.41	cps
Vanadium	51-2	188364	188993	187073	188143	0.52	cps
Ytterbium	172-1	17437	16619	16711	16922	2.65	cps
Ytterbium	172-2	9120	10176	9092	9463	6.53	cps
Ytterbium	176-1	10813	11464	11547	11275	3.56	cps
Ytterbium	176-2	11522	12195	11889	11869	2.84	cps
Yttrium	89-1	15065631	15148376	15350198	15188069	0.96	cps
Yttrium	89-2	1514466	1601814	1555982	1557420	2.81	cps
Zinc	66-2	443227	448041	448673	446647	0.67	cps
Zirconium	90-1	28672	28572	28831	28691	0.46	cps
Zirconium	91-1	6410	6677	6702	6596	2.45	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-17	Instrumnet Name :	P8
Client Sample ID :	MH1EZ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:46:03	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1516533	1499120	1480166	1498607	1.21	cps
Antimony	121-1	8828	9312	9328	9156	3.10	cps
Arsenic	75-2	5842	5759	5855	5818	0.90	cps
Barium	135-1	958309	953070	965284	958888	0.64	cps
Barium	137-1	1698528	1664604	1674348	1679160	1.04	cps
Beryllium	9-1	3476	3826	3640	3647	4.80	cps
Bismuth	209-1	4863285	4259572	4793062	4638640	7.12	cps
Bismuth	209-2	2779739	2747653	2760146	2762513	0.59	cps
Boron	10-1	3690	3654	3790	3711	1.90	cps
Boron	11-1	17257	17939	17517	17571	1.96	cps
Bromine	81-1	33515	34839	33946	34100	1.98	cps
Cadmium	111-1	8489	8518	8615	8541	0.77	cps
Cadmium	106-1	5184	4142	5218	4848	12.61	cps
Cadmium	108-1	533	558	758	617	20.00	cps
Calcium	43-1	2724073	2776476	2815959	2772169	1.66	cps
Calcium	44-1	44001059	44761370	45443017	44735149	1.61	cps
Carbon	12-1	6014453	6097089	5891341	6000961	1.73	cps
Carbon	12-2	64157	62987	64525	63890	1.26	cps
Chlorine	35-1	46118528	50201607	56486326	50935487	10.25	cps
Chlorine	35-2	362304	369072	370234	367203	1.17	cps
Chromium	52-2	76993	76068	78470	77177	1.57	cps
Cobalt	59-2	89687	89291	89946	89641	0.37	cps
Copper	63-2	326433	323357	324418	324736	0.48	cps
Dysprosium	156-1	76905	79085	77978	77989	1.40	cps
Dysprosium	156-2	35360	34648	34538	34849	1.28	cps
Erbium	164-1	59451	61804	60690	60648	1.94	cps
Erbium	164-2	28307	28080	27322	27903	1.85	cps
Gadolinium	160-1	71234	71401	70000	70879	1.08	cps
Gadolinium	160-2	37422	37015	36924	37121	0.71	cps
Holmium	165-1	8933028	7895022	8590607	8472886	6.24	cps
Holmium	165-2	4264725	4257632	4318256	4280204	0.77	cps
Indium	115-1	8592516	7351570	8282835	8075640	8.00	cps
Indium	115-2	1249234	1247614	1243214	1246687	0.25	cps
Iron	54-2	5385827	5337180	5277023	5333343	1.02	cps
Iron	56-2	94884510	97019188	95268591	95724097	1.19	cps
Iron	57-2	2432242	2413191	2401000	2415478	0.65	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-17	Instrumnet Name :	P8
Client Sample ID :	MH1EZ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:46:03	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	973	1013	984	2.56	cps
Lead	206-1	868833	868662	879803	872433	0.73	cps
Lead	207-1	754337	768138	762362	761612	0.91	cps
Lead	208-1	3565572	3645341	3612257	3607723	1.11	cps
Lithium	6-1	3015999	2662680	2979398	2886026	6.73	cps
Magnesium	24-2	2142110	2130086	2165744	2145980	0.85	cps
Manganese	55-2	1421002	1428429	1441305	1430245	0.72	cps
Molybdenum	94-1	18409	18613	18555	18525	0.57	cps
Molybdenum	95-1	16786	18421	17370	17525	4.73	cps
Molybdenum	96-1	21209	21976	22185	21790	2.36	cps
Molybdenum	97-1	10679	10479	10780	10646	1.44	cps
Molybdenum	98-1	26593	27762	27737	27364	2.44	cps
Neodymium	150-1	132719	131587	134275	132861	1.02	cps
Neodymium	150-2	44206	45153	42735	44031	2.77	cps
Nickel	60-2	66582	68360	65243	66728	2.34	cps
Phosphorus	31-2	10112	10854	10137	10368	4.06	cps
Potassium	39-2	844891	832850	822328	833356	1.35	cps
Rhodium	103-1	8543167	7195645	8177421	7972078	8.74	cps
Rhodium	103-2	3834129	3829159	3776895	3813394	0.83	cps
Scandium	45-1	7275061	6298736	6998844	6857547	7.34	cps
Scandium	45-2	205733	203238	206086	205019	0.76	cps
Selenium	82-1	353	354	305	337	8.22	cps
Selenium	77-2	250	240	207	232	9.77	cps
Selenium	78-2	214	213	157	195	16.76	cps
Silicon	28-1	11722963	10360742	10041190	10708298	8.34	cps
Silver	107-1	10704	11622	11363	11230	4.21	cps
Silver	109-1	11455	11630	10871	11319	3.51	cps
Sodium	23-2	153857	150025	153865	152582	1.45	cps
Strontium	86-1	729008	741609	740320	736979	0.94	cps
Strontium	88-1	6343338	6261706	6505385	6370143	1.95	cps
Sulfur	34-1	472753	481243	473372	475789	0.99	cps
Terbium	159-1	9690099	8322657	9581848	9198201	8.26	cps
Terbium	159-2	4358706	4192626	4265364	4272232	1.95	cps
Thallium	203-1	4784	4276	4209	4423	7.11	cps
Thallium	205-1	10788	11923	10863	11191	5.67	cps
Tin	118-1	29023	29115	28196	28778	1.76	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-17	Instrumnet Name :	P8
Client Sample ID :	MH1EZ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:46:03	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	260855	265971	256999	261275	1.72	cps
Uranium	238-1	86170	88686	84752	86536	2.30	cps
Vanadium	51-2	205722	203310	201396	203476	1.07	cps
Ytterbium	172-1	16678	17879	16886	17148	3.74	cps
Ytterbium	172-2	8931	9037	9159	9042	1.26	cps
Ytterbium	176-1	10963	11755	10888	11202	4.29	cps
Ytterbium	176-2	11872	11683	11895	11817	0.98	cps
Yttrium	89-1	15426578	13329780	15128656	14628338	7.75	cps
Yttrium	89-2	1603732	1593532	1581326	1592863	0.70	cps
Zinc	66-2	190966	192444	187242	190217	1.41	cps
Zirconium	90-1	23964	22352	22585	22967	3.79	cps
Zirconium	91-1	5426	5109	5260	5265	3.01	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18	Instrumnet Name :	P8
Client Sample ID :	MH1F43	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:48:58	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1347350	1346490	1379682	1357841	1.39	cps
Antimony	121-1	14550	14616	14750	14639	0.70	cps
Arsenic	75-2	7677	7791	7956	7808	1.80	cps
Barium	135-1	1263159	1275533	1266965	1268552	0.50	cps
Barium	137-1	2213420	2270640	2278445	2254168	1.58	cps
Beryllium	9-1	4614	4326	4338	4426	3.68	cps
Bismuth	209-1	4817277	4899697	5097782	4938252	2.92	cps
Bismuth	209-2	2766414	2831856	2855411	2817894	1.64	cps
Boron	10-1	3918	4070	4154	4047	2.96	cps
Boron	11-1	18724	20114	20114	19651	4.08	cps
Bromine	81-1	31769	34929	35100	33933	5.53	cps
Cadmium	111-1	23331	23912	24417	23887	2.27	cps
Cadmium	106-1	6360	6385	6735	6493	3.23	cps
Cadmium	108-1	1788	1854	1721	1788	3.73	cps
Calcium	43-1	2804185	2852021	2731824	2796010	2.16	cps
Calcium	44-1	44567717	45599653	45450196	45205855	1.23	cps
Carbon	12-1	8814947	8816313	8815744	8815668	0.01	cps
Carbon	12-2	92299	95838	92155	93431	2.23	cps
Chlorine	35-1	47295467	51215695	54676030	51062397	7.23	cps
Chlorine	35-2	377789	382631	392086	384168	1.89	cps
Chromium	52-2	112189	114189	110203	112194	1.78	cps
Cobalt	59-2	108422	105286	106213	106640	1.51	cps
Copper	63-2	966107	965264	982718	971363	1.01	cps
Dysprosium	156-1	77559	75280	78584	77141	2.19	cps
Dysprosium	156-2	33215	33846	34368	33810	1.71	cps
Erbium	164-1	61099	60230	61786	61038	1.28	cps
Erbium	164-2	26727	27135	27131	26998	0.87	cps
Gadolinium	160-1	69273	69994	67933	69067	1.51	cps
Gadolinium	160-2	35544	35671	35962	35726	0.60	cps
Holmium	165-1	8961263	9022942	8876702	8953636	0.82	cps
Holmium	165-2	4288627	4247750	4313121	4283166	0.77	cps
Indium	115-1	8659421	8544035	8552558	8585338	0.75	cps
Indium	115-2	1245269	1256498	1266155	1255974	0.83	cps
Iron	54-2	7084363	7116507	7137349	7112739	0.38	cps
Iron	56-2	129578831	129583706	129395531	129519356	0.08	cps
Iron	57-2	3381845	3277960	3293126	3317644	1.69	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18	Instrumnet Name :	P8
Client Sample ID :	MH1F43	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:48:58	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1033	1017	1027	0.86	cps
Lead	206-1	4628183	4608153	4810723	4682353	2.38	cps
Lead	207-1	4032209	3979061	4075357	4028876	1.20	cps
Lead	208-1	18391875	18198996	18766686	18452519	1.56	cps
Lithium	6-1	2936830	3002498	3084129	3007819	2.45	cps
Magnesium	24-2	2140014	2095971	2165518	2133835	1.65	cps
Manganese	55-2	3061073	3054358	3118628	3078020	1.15	cps
Molybdenum	94-1	23896	23395	24639	23977	2.61	cps
Molybdenum	95-1	19431	19481	19606	19506	0.46	cps
Molybdenum	96-1	25824	24539	25407	25257	2.60	cps
Molybdenum	97-1	11605	11605	11580	11597	0.12	cps
Molybdenum	98-1	30659	31570	31119	31116	1.46	cps
Neodymium	150-1	129650	134375	132039	132021	1.79	cps
Neodymium	150-2	43965	42671	43618	43418	1.54	cps
Nickel	60-2	82706	83691	82078	82825	0.98	cps
Phosphorus	31-2	11980	11180	11747	11636	3.54	cps
Potassium	39-2	764127	758213	754079	758806	0.67	cps
Rhodium	103-1	8152517	8393011	8455980	8333836	1.92	cps
Rhodium	103-2	3762385	3741032	3869205	3790874	1.81	cps
Scandium	45-1	7034211	7268212	7318274	7206899	2.10	cps
Scandium	45-2	202427	201601	204681	202903	0.79	cps
Selenium	82-1	436	425	502	454	9.19	cps
Selenium	77-2	207	243	193	214	12.07	cps
Selenium	78-2	197	213	226	212	6.85	cps
Silicon	28-1	13211727	13269186	13393322	13291412	0.70	cps
Silver	107-1	57956	57396	58442	57931	0.90	cps
Silver	109-1	56249	56885	57914	57016	1.47	cps
Sodium	23-2	162316	164357	162449	163041	0.70	cps
Strontium	86-1	1075822	1057034	1064874	1065910	0.89	cps
Strontium	88-1	9160640	9157714	9188579	9168978	0.19	cps
Sulfur	34-1	503651	506913	510157	506907	0.64	cps
Terbium	159-1	9579473	9234593	9338492	9384186	1.89	cps
Terbium	159-2	4235492	4284836	4249598	4256642	0.60	cps
Thallium	203-1	5018	5518	5685	5407	6.42	cps
Thallium	205-1	11956	12590	12106	12217	2.71	cps
Tin	118-1	126779	123792	128016	126196	1.72	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18	Instrumnet Name :	P8
Client Sample ID :	MH1F43	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:48:58	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	339197	331431	350706	340445	2.85	cps
Uranium	238-1	75836	76416	78124	76792	1.55	cps
Vanadium	51-2	195783	196002	196136	195974	0.09	cps
Ytterbium	172-1	16694	16853	17554	17034	2.69	cps
Ytterbium	172-2	9237	8770	9743	9250	5.26	cps
Ytterbium	176-1	11163	11205	11339	11236	0.81	cps
Ytterbium	176-2	11516	11578	11839	11644	1.47	cps
Yttrium	89-1	15220315	15266663	15642346	15376441	1.51	cps
Yttrium	89-2	1541421	1554194	1600984	1565533	2.00	cps
Zinc	66-2	878718	868205	862906	869943	0.93	cps
Zirconium	90-1	32681	35021	34427	34043	3.57	cps
Zirconium	91-1	7977	7386	7944	7769	4.28	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-19	Instrumnet Name :	P8
Client Sample ID :	MH1F43D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:51:51	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1604206	1623070	1658913	1628730	1.71	cps
Antimony	121-1	15768	15676	16035	15826	1.18	cps
Arsenic	75-2	9024	9040	9259	9108	1.44	cps
Barium	135-1	1563045	1506991	1542678	1537571	1.85	cps
Barium	137-1	2568861	2656690	2595463	2607005	1.73	cps
Beryllium	9-1	5254	5292	5230	5259	0.59	cps
Bismuth	209-1	4867976	4944982	5006801	4939920	1.41	cps
Bismuth	209-2	3002695	2773688	2331010	2702464	12.64	cps
Boron	10-1	4170	4508	4532	4403	4.60	cps
Boron	11-1	20825	22002	22563	21797	4.07	cps
Bromine	81-1	34428	35210	35622	35087	1.73	cps
Cadmium	111-1	27166	26624	26522	26771	1.29	cps
Cadmium	106-1	6677	6644	6869	6730	1.81	cps
Cadmium	108-1	2013	2163	2192	2122	4.53	cps
Calcium	43-1	3305433	3268561	3188644	3254212	1.83	cps
Calcium	44-1	53308248	51229090	51399855	51979064	2.22	cps
Carbon	12-1	9515731	9429516	10135449	9693566	3.97	cps
Carbon	12-2	100175	101568	101945	101229	0.92	cps
Chlorine	35-1	46874267	51325342	52948633	50382747	6.24	cps
Chlorine	35-2	361095	366056	381141	369431	2.83	cps
Chromium	52-2	133490	133204	136677	134457	1.43	cps
Cobalt	59-2	124613	125431	126910	125651	0.93	cps
Copper	63-2	1117682	1112921	1140362	1123655	1.30	cps
Dysprosium	156-1	87537	88941	89585	88688	1.18	cps
Dysprosium	156-2	39599	38880	40588	39689	2.16	cps
Erbium	164-1	72700	70480	70463	71214	1.81	cps
Erbium	164-2	31110	30736	31808	31218	1.74	cps
Gadolinium	160-1	81592	78458	79849	79967	1.96	cps
Gadolinium	160-2	40478	42073	42558	41703	2.61	cps
Holmium	165-1	9127743	9124523	8914144	9055470	1.35	cps
Holmium	165-2	4718517	4315097	3446802	4160139	15.62	cps
Indium	115-1	8471452	8657042	8525004	8551166	1.12	cps
Indium	115-2	1410190	1233805	1023239	1222411	15.85	cps
Iron	54-2	8718533	8538367	8890582	8715828	2.02	cps
Iron	56-2	157313148	155656337	162442537	158470674	2.23	cps
Iron	57-2	3965044	3971221	4064525	4000263	1.39	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-19	Instrumnet Name :	P8
Client Sample ID :	MH1F43D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:51:51	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	1120	1047	1072	3.86	cps
Lead	206-1	5224506	5314504	5504117	5347709	2.67	cps
Lead	207-1	4445724	4540978	4620475	4535726	1.93	cps
Lead	208-1	20452932	20956353	21417279	20942188	2.30	cps
Lithium	6-1	3020517	3063826	3080571	3054971	1.01	cps
Magnesium	24-2	2450421	2515424	2501718	2489188	1.38	cps
Manganese	55-2	3549302	3576349	3668946	3598199	1.74	cps
Molybdenum	94-1	27161	27730	26293	27061	2.67	cps
Molybdenum	95-1	21768	21918	22060	21915	0.67	cps
Molybdenum	96-1	28889	29306	29089	29095	0.72	cps
Molybdenum	97-1	13390	12623	12990	13001	2.95	cps
Molybdenum	98-1	34101	35221	35563	34961	2.19	cps
Neodymium	150-1	149102	149774	152043	150306	1.03	cps
Neodymium	150-2	48163	49046	50481	49230	2.38	cps
Nickel	60-2	101684	102600	102973	102419	0.65	cps
Phosphorus	31-2	13331	13540	14466	13779	4.38	cps
Potassium	39-2	881143	890916	917460	896506	2.10	cps
Rhodium	103-1	8058484	8297403	8167802	8174563	1.46	cps
Rhodium	103-2	4162745	3859071	3009940	3677252	16.25	cps
Scandium	45-1	7205575	7551053	7050702	7269110	3.52	cps
Scandium	45-2	222606	201261	166133	196666	14.50	cps
Selenium	82-1	501	342	517	453	21.34	cps
Selenium	77-2	277	247	260	261	5.76	cps
Selenium	78-2	231	254	223	236	6.82	cps
Silicon	28-1	14173569	13630839	14158530	13987646	2.21	cps
Silver	107-1	66998	66746	70280	68008	2.90	cps
Silver	109-1	64502	64578	66998	65359	2.17	cps
Sodium	23-2	177221	178348	181421	178997	1.21	cps
Strontium	86-1	1237104	1231074	1227047	1231742	0.41	cps
Strontium	88-1	10765021	10588117	10563629	10638922	1.03	cps
Sulfur	34-1	517707	514177	503510	511798	1.44	cps
Terbium	159-1	9747615	9509536	9618530	9625227	1.24	cps
Terbium	159-2	4546410	4142406	3454873	4047896	13.63	cps
Thallium	203-1	6260	6035	6085	6127	1.93	cps
Thallium	205-1	14467	14066	14308	14281	1.41	cps
Tin	118-1	131555	133163	137732	134150	2.39	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-19	Instrumnet Name :	P8
Client Sample ID :	MH1F43D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:51:51	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	362931	384358	367386	371558	3.04	cps
Uranium	238-1	91044	90265	89032	90113	1.13	cps
Vanadium	51-2	232315	237127	237862	235768	1.28	cps
Ytterbium	172-1	18831	19081	19957	19290	3.07	cps
Ytterbium	172-2	10849	10543	10721	10705	1.44	cps
Ytterbium	176-1	13107	13182	13657	13315	2.24	cps
Ytterbium	176-2	12623	13307	12345	12758	3.88	cps
Yttrium	89-1	15753446	15639928	15034151	15475842	2.50	cps
Yttrium	89-2	1725862	1620590	1324186	1556879	13.38	cps
Zinc	66-2	1005558	1009868	1018791	1011405	0.67	cps
Zirconium	90-1	38220	36732	36390	37114	2.62	cps
Zirconium	91-1	8545	7927	8236	8236	3.75	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F43L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 14:54:47	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269034	266872	261167	265691	1.53	cps
Antimony	121-1	3250	3167	3092	3170	2.50	cps
Arsenic	75-2	1624	1538	1604	1589	2.83	cps
Barium	135-1	259002	262490	256077	259190	1.24	cps
Barium	137-1	443584	433945	436171	437900	1.15	cps
Beryllium	9-1	980	906	878	921	5.72	cps
Bismuth	209-1	4872041	4819642	4821948	4837877	0.61	cps
Bismuth	209-2	2848479	2789102	2818866	2818816	1.05	cps
Boron	10-1	1854	1908	1978	1913	3.25	cps
Boron	11-1	8849	9023	9345	9072	2.78	cps
Bromine	81-1	25339	23925	23765	24343	3.56	cps
Cadmium	111-1	5142	5179	5062	5128	1.17	cps
Cadmium	106-1	4301	4117	4167	4195	2.26	cps
Cadmium	108-1	467	346	383	399	15.52	cps
Calcium	43-1	553002	557282	553803	554695	0.41	cps
Calcium	44-1	8901593	9255067	9012465	9056375	2.00	cps
Carbon	12-1	5046930	5241282	5180079	5156097	1.93	cps
Carbon	12-2	52662	53883	52654	53066	1.33	cps
Chlorine	35-1	21652081	21066799	20684825	21134568	2.31	cps
Chlorine	35-2	123970	122894	121247	122703	1.12	cps
Chromium	52-2	23807	23379	22555	23247	2.74	cps
Cobalt	59-2	21793	21610	21213	21539	1.38	cps
Copper	63-2	196709	196699	193642	195683	0.90	cps
Dysprosium	156-1	15426	14967	15726	15373	2.49	cps
Dysprosium	156-2	6755	6615	6478	6616	2.09	cps
Erbium	164-1	12364	12214	12473	12351	1.05	cps
Erbium	164-2	5394	5491	5254	5380	2.21	cps
Gadolinium	160-1	13390	14225	14183	13933	3.37	cps
Gadolinium	160-2	7112	7169	7122	7134	0.42	cps
Holmium	165-1	8720840	9150552	8650804	8840732	3.06	cps
Holmium	165-2	4224808	4257872	4098240	4193640	2.01	cps
Indium	115-1	8794417	8558960	8259137	8537505	3.14	cps
Indium	115-2	1240898	1237878	1222282	1233686	0.81	cps
Iron	54-2	1496555	1461355	1467749	1475220	1.27	cps
Iron	56-2	26348356	26041476	25719259	26036364	1.21	cps
Iron	57-2	632689	646147	628335	635724	1.46	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F43L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 14:54:47	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	957	973	857	929	6.79	cps
Lead	206-1	890261	915197	899663	901707	1.40	cps
Lead	207-1	757766	741153	755991	751637	1.21	cps
Lead	208-1	3567070	3610125	3622106	3599767	0.80	cps
Lithium	6-1	3017731	2937059	2777626	2910805	4.20	cps
Magnesium	24-2	423680	423169	423631	423493	0.07	cps
Manganese	55-2	611145	589221	591678	597348	2.01	cps
Molybdenum	94-1	4501	4868	5068	4812	5.97	cps
Molybdenum	95-1	3826	4009	3726	3853	3.73	cps
Molybdenum	96-1	4943	4993	5051	4995	1.09	cps
Molybdenum	97-1	2200	2434	2734	2456	10.89	cps
Molybdenum	98-1	6418	6327	6068	6271	2.90	cps
Neodymium	150-1	26500	26534	26400	26478	0.26	cps
Neodymium	150-2	8613	8616	8463	8564	1.02	cps
Nickel	60-2	16937	16807	16737	16827	0.60	cps
Phosphorus	31-2	2625	2225	2350	2400	8.53	cps
Potassium	39-2	170760	166957	165628	167782	1.59	cps
Rhodium	103-1	8352412	8311882	7738830	8134375	4.22	cps
Rhodium	103-2	3775810	3696732	3763191	3745244	1.13	cps
Scandium	45-1	7079585	7145212	6802077	7008958	2.60	cps
Scandium	45-2	195261	194872	196873	195669	0.54	cps
Selenium	82-1	18	44	135	66	93.45	cps
Selenium	77-2	47	63	50	53	16.53	cps
Selenium	78-2	96	86	98	93	6.89	cps
Silicon	28-1	3285985	3086815	2996591	3123130	4.74	cps
Silver	107-1	11922	12081	12356	12120	1.81	cps
Silver	109-1	11480	11538	11939	11653	2.14	cps
Sodium	23-2	46475	46525	46232	46411	0.34	cps
Strontium	86-1	220599	214582	213728	216303	1.73	cps
Strontium	88-1	1846894	1881902	1866635	1865144	0.94	cps
Sulfur	34-1	464931	458454	459059	460815	0.78	cps
Terbium	159-1	9644405	9462845	9165218	9424156	2.57	cps
Terbium	159-2	4324672	4145380	4259142	4243065	2.14	cps
Thallium	203-1	1225	1175	1150	1183	3.23	cps
Thallium	205-1	2692	2934	2859	2828	4.37	cps
Tin	118-1	25666	25024	26243	25644	2.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F43L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 14:54:47	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	68062	66891	65451	66802	1.96	cps
Uranium	238-1	15502	14701	16061	15421	4.43	cps
Vanadium	51-2	39632	38803	39304	39246	1.06	cps
Ytterbium	172-1	3434	3334	3442	3403	1.77	cps
Ytterbium	172-2	2017	1834	1922	1924	4.77	cps
Ytterbium	176-1	3059	3150	3234	3148	2.78	cps
Ytterbium	176-2	7185	7397	7486	7356	2.10	cps
Yttrium	89-1	14218939	14521547	13411243	14050576	4.09	cps
Yttrium	89-2	1466058	1427557	1399911	1431175	2.32	cps
Zinc	66-2	179406	175997	175144	176849	1.28	cps
Zirconium	90-1	7903	7169	7127	7399	5.89	cps
Zirconium	91-1	1642	1683	1784	1703	4.28	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-20	Instrumnet Name :	P8
Client Sample ID :	MH1F43S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:57:45	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1583009	1555190	1590946	1576382	1.19	cps
Antimony	121-1	59806	60727	60493	60342	0.79	cps
Arsenic	75-2	10442	10245	10537	10408	1.43	cps
Barium	135-1	2173625	2170685	2131852	2158721	1.08	cps
Barium	137-1	3615423	3558202	3596688	3590104	0.81	cps
Beryllium	9-1	20310	20430	21159	20633	2.23	cps
Bismuth	209-1	4970546	4947386	5056914	4991615	1.16	cps
Bismuth	209-2	2788609	2591149	2824859	2734872	4.60	cps
Boron	10-1	3776	4018	4012	3935	3.51	cps
Boron	11-1	19003	19341	20226	19523	3.24	cps
Bromine	81-1	31949	34678	34730	33786	4.71	cps
Cadmium	111-1	42742	42657	42189	42530	0.70	cps
Cadmium	106-1	8361	8186	8136	8228	1.44	cps
Cadmium	108-1	3134	3021	3217	3124	3.15	cps
Calcium	43-1	3110654	3174258	3047693	3110869	2.03	cps
Calcium	44-1	50093136	50875658	50513907	50494234	0.78	cps
Carbon	12-1	9261527	9353989	9364011	9326509	0.61	cps
Carbon	12-2	98758	101492	99259	99836	1.46	cps
Chlorine	35-1	37651136	43569552	48457064	43225917	12.52	cps
Chlorine	35-2	351445	356159	375328	360978	3.50	cps
Chromium	52-2	208523	206057	207264	207281	0.59	cps
Cobalt	59-2	496438	495839	493990	495422	0.26	cps
Copper	63-2	1207658	1205219	1206236	1206371	0.10	cps
Dysprosium	156-1	87068	88151	88965	88061	1.08	cps
Dysprosium	156-2	38074	38181	39168	38474	1.57	cps
Erbium	164-1	69508	68519	65304	67777	3.24	cps
Erbium	164-2	30508	30194	30919	30541	1.19	cps
Gadolinium	160-1	76932	78172	75398	76834	1.81	cps
Gadolinium	160-2	40712	39987	40421	40373	0.90	cps
Holmium	165-1	9157461	9061361	8905987	9041603	1.40	cps
Holmium	165-2	4320435	3876008	4201349	4132598	5.57	cps
Indium	115-1	8427328	8386890	8621390	8478536	1.48	cps
Indium	115-2	1237181	1108722	1203161	1183021	5.63	cps
Iron	54-2	8151255	8037665	8045605	8078175	0.78	cps
Iron	56-2	148223437	147246192	150523492	148664374	1.13	cps
Iron	57-2	3791977	3676029	3736401	3734802	1.55	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-20	Instrumnet Name :	P8
Client Sample ID :	MH1F43S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:57:45	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	937	927	957	4.56	cps
Lead	206-1	5359056	5284458	5345464	5329659	0.75	cps
Lead	207-1	4610375	4442580	4481425	4511460	1.95	cps
Lead	208-1	20966265	20514175	20747447	20742629	1.09	cps
Lithium	6-1	3041154	2918790	2980129	2980024	2.05	cps
Magnesium	24-2	2419519	2355345	2422331	2399065	1.58	cps
Manganese	55-2	3561641	3545715	3614061	3573806	1.00	cps
Molybdenum	94-1	25816	25407	25733	25652	0.84	cps
Molybdenum	95-1	21083	20966	20182	20744	2.36	cps
Molybdenum	96-1	28772	28396	26826	27998	3.69	cps
Molybdenum	97-1	13524	12965	13081	13190	2.24	cps
Molybdenum	98-1	33174	33258	33767	33399	0.96	cps
Neodymium	150-1	151845	147792	147753	149130	1.58	cps
Neodymium	150-2	49601	47882	48739	48741	1.76	cps
Nickel	60-2	199240	197063	200866	199057	0.96	cps
Phosphorus	31-2	12756	12956	13223	12978	1.81	cps
Potassium	39-2	855403	847923	858592	853973	0.64	cps
Rhodium	103-1	8218858	8231883	8175932	8208891	0.36	cps
Rhodium	103-2	3730005	3405503	3549131	3561547	4.57	cps
Scandium	45-1	7141619	7228016	7174951	7181529	0.61	cps
Scandium	45-2	201313	184724	197499	194512	4.47	cps
Selenium	82-1	2160	2122	2158	2147	1.01	cps
Selenium	77-2	283	233	310	276	14.12	cps
Selenium	78-2	382	356	380	373	3.88	cps
Silicon	28-1	14251130	14427633	14452658	14377140	0.76	cps
Silver	107-1	168019	170161	174786	170989	2.02	cps
Silver	109-1	161020	166007	164344	163790	1.55	cps
Sodium	23-2	178300	174984	176890	176724	0.94	cps
Strontium	86-1	1233930	1211412	1196539	1213960	1.55	cps
Strontium	88-1	10214373	10220191	10432167	10288910	1.21	cps
Sulfur	34-1	513758	517935	519082	516925	0.54	cps
Terbium	159-1	9474631	9568430	9513833	9518965	0.49	cps
Terbium	159-2	4306533	3757890	4083098	4049174	6.81	cps
Thallium	203-1	48057	49462	47689	48403	1.93	cps
Thallium	205-1	117986	113778	114598	115454	1.93	cps
Tin	118-1	131051	131304	129892	130749	0.58	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-20	Instrumnet Name :	P8
Client Sample ID :	MH1F43S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 14:57:45	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	359370	367690	357498	361519	1.50	cps
Uranium	238-1	90147	88569	89367	89361	0.88	cps
Vanadium	51-2	385425	386803	386260	386163	0.18	cps
Ytterbium	172-1	18497	18764	19340	18867	2.28	cps
Ytterbium	172-2	11144	10287	10082	10504	5.36	cps
Ytterbium	176-1	12882	12757	13057	12898	1.17	cps
Ytterbium	176-2	12028	11739	11672	11813	1.60	cps
Yttrium	89-1	15614156	15470738	15649764	15578219	0.61	cps
Yttrium	89-2	1576066	1397261	1469621	1480983	6.07	cps
Zinc	66-2	1000352	991067	1008799	1000073	0.89	cps
Zirconium	90-1	37301	37334	38437	37691	1.72	cps
Zirconium	91-1	8703	8394	8528	8542	1.81	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-21	Instrumnet Name :	P8
Client Sample ID :	MH1F99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:00:40	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1269074	1268922	1251360	1263119	0.81	cps
Antimony	121-1	17712	17211	18046	17656	2.38	cps
Arsenic	75-2	6290	6262	6342	6298	0.64	cps
Barium	135-1	1036786	1062730	1068288	1055935	1.59	cps
Barium	137-1	1875893	1942194	1876956	1898348	2.00	cps
Beryllium	9-1	4318	4280	4290	4296	0.46	cps
Bismuth	209-1	4955204	4924030	4913769	4931001	0.44	cps
Bismuth	209-2	2850799	2819202	2802254	2824085	0.87	cps
Boron	10-1	5440	5892	5990	5774	5.08	cps
Boron	11-1	27308	26909	29015	27744	4.03	cps
Bromine	81-1	29552	30083	28308	29314	3.11	cps
Cadmium	111-1	19344	19214	19157	19239	0.50	cps
Cadmium	106-1	6060	5985	6393	6146	3.54	cps
Cadmium	108-1	1358	1546	1458	1454	6.45	cps
Calcium	43-1	2352827	2327715	2315117	2331886	0.82	cps
Calcium	44-1	36989384	36809834	37432888	37077369	0.86	cps
Carbon	12-1	9060480	9574339	9348019	9327612	2.76	cps
Carbon	12-2	103203	102088	100057	101783	1.57	cps
Chlorine	35-1	45389558	49548370	54385922	49774617	9.05	cps
Chlorine	35-2	358129	368154	378362	368215	2.75	cps
Chromium	52-2	161016	156106	156767	157963	1.69	cps
Cobalt	59-2	92032	92361	90925	91773	0.82	cps
Copper	63-2	652072	657364	658738	656058	0.54	cps
Dysprosium	156-1	64214	65924	63335	64491	2.04	cps
Dysprosium	156-2	28430	27923	28026	28126	0.95	cps
Erbium	164-1	50129	52195	52999	51774	2.86	cps
Erbium	164-2	23451	22773	23177	23134	1.47	cps
Gadolinium	160-1	57024	56630	58286	57313	1.51	cps
Gadolinium	160-2	28838	29937	30448	29741	2.77	cps
Holmium	165-1	9221221	9166451	9272789	9220154	0.58	cps
Holmium	165-2	4185519	4329505	4275845	4263623	1.71	cps
Indium	115-1	8819801	8759303	8781778	8786960	0.35	cps
Indium	115-2	1252581	1235745	1255085	1247804	0.84	cps
Iron	54-2	7040230	6819501	6902373	6920701	1.61	cps
Iron	56-2	124843319	126932020	126200553	125991964	0.84	cps
Iron	57-2	3224139	3200894	3240297	3221777	0.61	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-21	Instrumnet Name :	P8
Client Sample ID :	MH1F99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:00:40	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1073	990	1049	4.89	cps
Lead	206-1	4369675	4585778	4388355	4447936	2.69	cps
Lead	207-1	3707387	3870112	3736328	3771276	2.30	cps
Lead	208-1	17023594	17585764	17154995	17254785	1.70	cps
Lithium	6-1	2887678	2923955	2934054	2915229	0.84	cps
Magnesium	24-2	2028157	2025019	2028759	2027311	0.10	cps
Manganese	55-2	2903733	2922486	2858312	2894844	1.14	cps
Molybdenum	94-1	25366	25065	24163	24865	2.52	cps
Molybdenum	95-1	16777	16018	16502	16432	2.34	cps
Molybdenum	96-1	23153	23187	23120	23153	0.14	cps
Molybdenum	97-1	10529	10154	10054	10246	2.45	cps
Molybdenum	98-1	26351	26877	27202	26810	1.60	cps
Neodymium	150-1	108538	109607	112435	110193	1.83	cps
Neodymium	150-2	35935	35511	35390	35612	0.80	cps
Nickel	60-2	69499	66847	68488	68278	1.96	cps
Phosphorus	31-2	14566	15267	14741	14858	2.45	cps
Potassium	39-2	1036317	1050062	1029898	1038759	0.99	cps
Rhodium	103-1	8227930	8491426	8344710	8354689	1.58	cps
Rhodium	103-2	3839800	3750011	3842671	3810827	1.38	cps
Scandium	45-1	7336645	7329488	7266135	7310756	0.53	cps
Scandium	45-2	206392	201819	201724	203312	1.31	cps
Selenium	82-1	185	229	328	247	29.65	cps
Selenium	77-2	170	170	193	178	7.58	cps
Selenium	78-2	173	174	175	174	0.57	cps
Silicon	28-1	12888859	13274808	13051681	13071783	1.48	cps
Silver	107-1	33182	33609	32021	32937	2.49	cps
Silver	109-1	31662	31019	30877	31186	1.34	cps
Sodium	23-2	162364	158874	160326	160521	1.09	cps
Strontium	86-1	909166	927703	904946	913939	1.32	cps
Strontium	88-1	7554681	7532198	7754101	7613660	1.60	cps
Sulfur	34-1	518871	508599	508651	512040	1.16	cps
Terbium	159-1	9657189	9635448	9426852	9573163	1.33	cps
Terbium	159-2	4293321	4227480	4177425	4232742	1.37	cps
Thallium	203-1	3776	3526	3509	3603	4.15	cps
Thallium	205-1	8903	8645	8436	8661	2.70	cps
Tin	118-1	126425	121067	125054	124182	2.24	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-21	Instrumnet Name :	P8
Client Sample ID :	MH1F99	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:00:40	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	415075	418590	415853	416506	0.44	cps
Uranium	238-1	52334	53849	50728	52304	2.98	cps
Vanadium	51-2	177421	179961	180319	179234	0.88	cps
Ytterbium	172-1	15359	15351	14792	15167	2.14	cps
Ytterbium	172-2	7386	8119	7819	7775	4.74	cps
Ytterbium	176-1	10188	11188	10613	10663	4.71	cps
Ytterbium	176-2	10793	11199	10994	10995	1.85	cps
Yttrium	89-1	15210168	15271449	15775665	15419094	2.01	cps
Yttrium	89-2	1535287	1498539	1559628	1531151	2.01	cps
Zinc	66-2	821196	804984	803932	810037	1.19	cps
Zirconium	90-1	40719	40259	42215	41064	2.49	cps
Zirconium	91-1	9128	9562	8911	9201	3.60	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-22	Instrumnet Name :	P8
Client Sample ID :	MH1FA0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:03:33	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1262044	1296131	1307703	1288626	1.84	cps
Antimony	121-1	19673	19489	19473	19545	0.57	cps
Arsenic	75-2	6683	6745	6638	6689	0.80	cps
Barium	135-1	1132342	1143370	1142967	1139560	0.55	cps
Barium	137-1	1981370	2016960	1978547	1992292	1.07	cps
Beryllium	9-1	4208	4394	4276	4292	2.19	cps
Bismuth	209-1	5053728	4958898	5151119	5054582	1.90	cps
Bismuth	209-2	2788333	2618522	2780173	2729009	3.51	cps
Boron	10-1	6196	5956	6186	6113	2.22	cps
Boron	11-1	29428	30508	30772	30236	2.36	cps
Bromine	81-1	33425	31347	33896	32889	4.12	cps
Cadmium	111-1	22602	22014	22286	22301	1.32	cps
Cadmium	106-1	5985	6360	5751	6032	5.09	cps
Cadmium	108-1	1696	1683	1821	1733	4.39	cps
Calcium	43-1	2381710	2306542	2305787	2331346	1.87	cps
Calcium	44-1	37984357	36797790	36508609	37096919	2.11	cps
Carbon	12-1	9356877	9350638	9594455	9433990	1.47	cps
Carbon	12-2	99838	102767	100132	100913	1.60	cps
Chlorine	35-1	47785431	52735528	55864797	52128586	7.81	cps
Chlorine	35-2	375310	396296	404619	392075	3.85	cps
Chromium	52-2	124362	125525	127035	125641	1.07	cps
Cobalt	59-2	97884	98042	97884	97937	0.09	cps
Copper	63-2	768203	766780	753442	762808	1.07	cps
Dysprosium	156-1	66442	65395	66844	66227	1.13	cps
Dysprosium	156-2	29155	28143	28357	28552	1.87	cps
Erbium	164-1	52940	53685	52915	53180	0.82	cps
Erbium	164-2	22913	23387	23791	23364	1.88	cps
Gadolinium	160-1	60480	59108	60807	60131	1.50	cps
Gadolinium	160-2	31006	30368	30051	30475	1.60	cps
Holmium	165-1	8927638	9081890	9138614	9049381	1.21	cps
Holmium	165-2	4207999	4037912	4269546	4171819	2.88	cps
Indium	115-1	8592811	8639933	8434795	8555847	1.26	cps
Indium	115-2	1220299	1170368	1239764	1210143	2.96	cps
Iron	54-2	6858368	6911193	6842312	6870624	0.52	cps
Iron	56-2	124402753	125014583	125701697	125039678	0.52	cps
Iron	57-2	3204861	3133696	3214841	3184466	1.39	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-22	Instrumnet Name :	P8
Client Sample ID :	MH1FA0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:03:33	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	1060	890	956	9.57	cps
Lead	206-1	4948829	5125248	5104999	5059692	1.91	cps
Lead	207-1	4337994	4259617	4313237	4303616	0.93	cps
Lead	208-1	19702128	19628195	20034229	19788184	1.09	cps
Lithium	6-1	3058661	2969476	2840550	2956229	3.71	cps
Magnesium	24-2	1984541	1920755	1940134	1948477	1.68	cps
Manganese	55-2	2980989	3009190	2957907	2982695	0.86	cps
Molybdenum	94-1	32328	23203	23588	26373	19.57	cps
Molybdenum	95-1	16760	17069	17762	17197	2.98	cps
Molybdenum	96-1	23888	22001	23579	23156	4.37	cps
Molybdenum	97-1	10821	10596	10771	10729	1.10	cps
Molybdenum	98-1	27394	26885	26276	26852	2.09	cps
Neodymium	150-1	110666	109250	109027	109648	0.81	cps
Neodymium	150-2	35136	36119	35464	35573	1.41	cps
Nickel	60-2	77915	78857	78633	78468	0.63	cps
Phosphorus	31-2	14232	14174	14107	14171	0.44	cps
Potassium	39-2	982379	985070	989539	985663	0.37	cps
Rhodium	103-1	8404684	8334578	8176274	8305179	1.41	cps
Rhodium	103-2	3834847	3559090	3759200	3717712	3.83	cps
Scandium	45-1	7312983	7156762	6976683	7148809	2.35	cps
Scandium	45-2	202729	190367	201004	198033	3.38	cps
Selenium	82-1	425	267	480	390	28.35	cps
Selenium	77-2	223	177	187	196	12.57	cps
Selenium	78-2	163	160	174	166	4.45	cps
Silicon	28-1	13212796	13239807	13384994	13279199	0.70	cps
Silver	107-1	40226	39649	41313	40396	2.09	cps
Silver	109-1	37535	36174	37903	37204	2.45	cps
Sodium	23-2	188635	185047	187472	187051	0.98	cps
Strontium	86-1	1012898	988678	978327	993301	1.79	cps
Strontium	88-1	8437805	8300015	8394581	8377467	0.84	cps
Sulfur	34-1	504704	502487	501752	502981	0.31	cps
Terbium	159-1	9617551	9406453	9963790	9662598	2.91	cps
Terbium	159-2	4054064	3865119	4232097	4050427	4.53	cps
Thallium	203-1	4443	4251	3717	4137	9.08	cps
Thallium	205-1	10146	9971	10263	10126	1.45	cps
Tin	118-1	149618	147264	146710	147864	1.04	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-22	Instrumnet Name :	P8
Client Sample ID :	MH1FA0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:03:33	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	403332	416479	413532	411114	1.68	cps
Uranium	238-1	57875	58084	58527	58162	0.57	cps
Vanadium	51-2	177881	177855	177490	177742	0.12	cps
Ytterbium	172-1	15501	15201	15409	15370	1.00	cps
Ytterbium	172-2	8542	8581	8764	8629	1.38	cps
Ytterbium	176-1	11747	10279	10630	10885	7.04	cps
Ytterbium	176-2	10894	10877	11477	11083	3.09	cps
Yttrium	89-1	15234081	15163031	15246647	15214586	0.30	cps
Yttrium	89-2	1551835	1427356	1533507	1504233	4.47	cps
Zinc	66-2	843266	851831	839718	844938	0.74	cps
Zirconium	90-1	38613	37852	38095	38187	1.02	cps
Zirconium	91-1	8478	8420	8461	8453	0.36	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-01 Instrumnet Name : P8
 Client Sample ID : MH1F44 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 15:06:28 DataFile Name : 079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1119669	1124518	1102636	1115608	1.03	cps
Antimony	121-1	15960	16669	16786	16472	2.71	cps
Arsenic	75-2	7071	7062	6974	7036	0.76	cps
Barium	135-1	1228300	1192128	1233710	1218046	1.86	cps
Barium	137-1	2179851	2037891	2088339	2102027	3.42	cps
Beryllium	9-1	4428	4442	4508	4459	0.96	cps
Bismuth	209-1	5040125	4994528	4503704	4846119	6.14	cps
Bismuth	209-2	2783504	2902955	2815575	2834011	2.18	cps
Boron	10-1	4824	5096	5200	5040	3.85	cps
Boron	11-1	23490	25487	24640	24539	4.08	cps
Bromine	81-1	31307	31357	31227	31297	0.21	cps
Cadmium	111-1	22032	22220	21990	22081	0.55	cps
Cadmium	106-1	6669	5785	5676	6043	9.01	cps
Cadmium	108-1	1863	1825	1667	1785	5.82	cps
Calcium	43-1	2787146	2757300	2877482	2807309	2.23	cps
Calcium	44-1	45851435	45665609	46306459	45941168	0.72	cps
Carbon	12-1	7941431	7930637	7993043	7955037	0.42	cps
Carbon	12-2	82801	83907	83312	83340	0.66	cps
Chlorine	35-1	44586641	50377071	54286075	49749929	9.81	cps
Chlorine	35-2	361358	364430	376352	367380	2.16	cps
Chromium	52-2	90075	90789	89367	90077	0.79	cps
Cobalt	59-2	88997	89231	89989	89406	0.58	cps
Copper	63-2	753175	746058	756100	751778	0.69	cps
Dysprosium	156-1	69423	70890	69475	69929	1.19	cps
Dysprosium	156-2	32045	32082	31487	31871	1.05	cps
Erbium	164-1	55827	56739	56430	56332	0.82	cps
Erbium	164-2	25374	25224	25695	25431	0.95	cps
Gadolinium	160-1	66140	65135	66065	65780	0.85	cps
Gadolinium	160-2	33746	33786	33238	33590	0.91	cps
Holmium	165-1	8698248	9042025	8200363	8646878	4.89	cps
Holmium	165-2	4268050	4390757	4216237	4291681	2.09	cps
Indium	115-1	8419922	8694376	7765868	8293389	5.75	cps
Indium	115-2	1251718	1247060	1233564	1244114	0.76	cps
Iron	54-2	4988150	5001660	4848835	4946215	1.71	cps
Iron	56-2	92585844	90144430	89727488	90819254	1.70	cps
Iron	57-2	2323707	2329608	2282631	2311982	1.11	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:06:28	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1167	1040	1082	6.76	cps
Lead	206-1	4956360	5022612	5028891	5002621	0.80	cps
Lead	207-1	4270030	4201832	4310702	4260855	1.29	cps
Lead	208-1	19718070	19250571	19758502	19575715	1.44	cps
Lithium	6-1	2900636	2959491	2782926	2881018	3.12	cps
Magnesium	24-2	1951669	1933720	1912245	1932545	1.02	cps
Manganese	55-2	2842560	2763329	2745666	2783852	1.85	cps
Molybdenum	94-1	22853	20800	21659	21770	4.74	cps
Molybdenum	95-1	15718	15651	15526	15631	0.62	cps
Molybdenum	96-1	20724	19714	20023	20154	2.57	cps
Molybdenum	97-1	9812	9378	9854	9681	2.72	cps
Molybdenum	98-1	24314	23295	23529	23712	2.25	cps
Neodymium	150-1	113948	116812	117472	116077	1.61	cps
Neodymium	150-2	37837	37426	38021	37761	0.81	cps
Nickel	60-2	78351	76685	75067	76701	2.14	cps
Phosphorus	31-2	17311	18179	16985	17492	3.53	cps
Potassium	39-2	890400	870412	871848	877553	1.27	cps
Rhodium	103-1	8230137	8087735	7303885	7873919	6.33	cps
Rhodium	103-2	3897105	3814386	3807805	3839765	1.30	cps
Scandium	45-1	7024850	7255749	6447841	6909480	6.02	cps
Scandium	45-2	202924	201997	203589	202837	0.39	cps
Selenium	82-1	389	236	421	348	28.32	cps
Selenium	77-2	200	193	203	199	2.56	cps
Selenium	78-2	169	221	185	192	13.89	cps
Silicon	28-1	8926741	8720341	8922507	8856530	1.33	cps
Silver	107-1	44933	45100	45877	45303	1.11	cps
Silver	109-1	41430	42316	42099	41948	1.10	cps
Sodium	23-2	162144	162734	162044	162307	0.23	cps
Strontium	86-1	1172500	1192482	1182349	1182444	0.84	cps
Strontium	88-1	9867336	10009398	10237037	10037924	1.86	cps
Sulfur	34-1	498575	506614	502628	502606	0.80	cps
Terbium	159-1	9903228	9624151	8713611	9413664	6.61	cps
Terbium	159-2	4249725	4246386	4263850	4253320	0.22	cps
Thallium	203-1	4609	4709	4209	4509	5.87	cps
Thallium	205-1	10380	11030	11113	10841	3.71	cps
Tin	118-1	135306	140485	140350	138714	2.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01	Instrumnet Name :	P8
Client Sample ID :	MH1F44	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:06:28	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	329770	319072	324463	324435	1.65	cps
Uranium	238-1	75158	73773	74931	74621	1.00	cps
Vanadium	51-2	151072	154773	151214	152353	1.38	cps
Ytterbium	172-1	16336	17237	16386	16653	3.04	cps
Ytterbium	172-2	9631	8570	8564	8922	6.89	cps
Ytterbium	176-1	11339	10304	11764	11136	6.74	cps
Ytterbium	176-2	10682	11444	11900	11342	5.42	cps
Yttrium	89-1	15026175	15461675	13930244	14806032	5.33	cps
Yttrium	89-2	1555143	1542707	1537996	1545282	0.57	cps
Zinc	66-2	800472	793776	787087	793778	0.84	cps
Zirconium	90-1	36850	34209	35371	35476	3.73	cps
Zirconium	91-1	7978	7894	7986	7952	0.64	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-02	Instrumnet Name :	P8
Client Sample ID :	MH1F44D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:09:21	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1223958	1249679	1203379	1225672	1.89	cps
Antimony	121-1	16435	17528	17403	17122	3.49	cps
Arsenic	75-2	7674	7618	7694	7662	0.51	cps
Barium	135-1	1307251	1353893	1328527	1329890	1.76	cps
Barium	137-1	2328563	2291495	2269951	2296670	1.29	cps
Beryllium	9-1	4790	4934	4836	4853	1.52	cps
Bismuth	209-1	4959797	4824138	4898876	4894270	1.39	cps
Bismuth	209-2	2849045	2858723	2801185	2836318	1.09	cps
Boron	10-1	4932	5556	5486	5325	6.42	cps
Boron	11-1	25090	25836	26190	25705	2.18	cps
Bromine	81-1	32160	31869	32863	32297	1.58	cps
Cadmium	111-1	24108	25135	24717	24653	2.10	cps
Cadmium	106-1	6343	6227	6702	6424	3.85	cps
Cadmium	108-1	2100	1904	1842	1949	6.92	cps
Calcium	43-1	3131562	3185138	3137931	3151544	0.93	cps
Calcium	44-1	50550571	52146727	51158537	51285278	1.57	cps
Carbon	12-1	7792973	7857315	7794038	7814775	0.47	cps
Carbon	12-2	82104	81721	84217	82681	1.63	cps
Chlorine	35-1	45085712	51692989	55555574	50778092	10.43	cps
Chlorine	35-2	365929	380313	394569	380270	3.77	cps
Chromium	52-2	96080	95520	97282	96294	0.93	cps
Cobalt	59-2	95616	94796	96602	95671	0.94	cps
Copper	63-2	819891	833322	824577	825930	0.83	cps
Dysprosium	156-1	77788	77528	78850	78055	0.90	cps
Dysprosium	156-2	34815	33729	34552	34365	1.65	cps
Erbium	164-1	64139	64927	64174	64413	0.69	cps
Erbium	164-2	27889	27940	28133	27987	0.46	cps
Gadolinium	160-1	72431	70932	71082	71482	1.15	cps
Gadolinium	160-2	37416	37128	36667	37070	1.02	cps
Holmium	165-1	9082596	8655904	8974865	8904455	2.49	cps
Holmium	165-2	4344393	4217142	4157590	4239708	2.25	cps
Indium	115-1	8539097	7922380	8537752	8333076	4.27	cps
Indium	115-2	1249358	1257850	1228954	1245387	1.19	cps
Iron	54-2	5241198	5372236	5167851	5260429	1.97	cps
Iron	56-2	96874541	97348355	96289944	96837613	0.55	cps
Iron	57-2	2459973	2495295	2438224	2464498	1.17	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-02	Instrumnet Name :	P8
Client Sample ID :	MH1F44D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:09:21	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1000	1043	993	1012	2.68	cps
Lead	206-1	5543483	5450941	5643476	5545967	1.74	cps
Lead	207-1	4614384	4695923	4657963	4656090	0.88	cps
Lead	208-1	21410515	21786295	21528960	21575257	0.89	cps
Lithium	6-1	2940972	2865642	2878778	2895131	1.39	cps
Magnesium	24-2	2112025	2121262	2085629	2106305	0.88	cps
Manganese	55-2	3065212	3123778	3055480	3081490	1.20	cps
Molybdenum	94-1	22385	22135	23337	22619	2.80	cps
Molybdenum	95-1	15442	15150	15309	15300	0.96	cps
Molybdenum	96-1	21693	21033	21325	21350	1.55	cps
Molybdenum	97-1	10337	9762	9779	9959	3.29	cps
Molybdenum	98-1	25140	25223	25424	25263	0.58	cps
Neodymium	150-1	132328	129650	130104	130694	1.10	cps
Neodymium	150-2	42136	42106	42260	42167	0.19	cps
Nickel	60-2	81190	80158	81093	80814	0.71	cps
Phosphorus	31-2	19255	18738	18846	18946	1.44	cps
Potassium	39-2	953072	947092	952294	950819	0.34	cps
Rhodium	103-1	7993718	8028480	8357701	8126633	2.47	cps
Rhodium	103-2	3767584	3723827	3715916	3735775	0.74	cps
Scandium	45-1	6982184	6782288	7141675	6968716	2.58	cps
Scandium	45-2	202802	200881	199240	200974	0.89	cps
Selenium	82-1	492	399	447	446	10.39	cps
Selenium	77-2	217	207	200	208	4.04	cps
Selenium	78-2	205	223	214	214	4.21	cps
Silicon	28-1	9463879	9363329	9206290	9344499	1.39	cps
Silver	107-1	50075	49942	48352	49456	1.94	cps
Silver	109-1	46973	47299	48821	47698	2.07	cps
Sodium	23-2	163013	168796	167532	166447	1.83	cps
Strontium	86-1	1302561	1287471	1286764	1292266	0.69	cps
Strontium	88-1	11058546	11177140	11083215	11106300	0.56	cps
Sulfur	34-1	512060	512500	508316	510959	0.45	cps
Terbium	159-1	9266760	9473362	9679818	9473313	2.18	cps
Terbium	159-2	4334672	4199305	4105489	4213155	2.73	cps
Thallium	203-1	4943	5001	4684	4876	3.46	cps
Thallium	205-1	11631	11822	11289	11581	2.33	cps
Tin	118-1	150322	151470	149091	150294	0.79	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-02	Instrumnet Name :	P8
Client Sample ID :	MH1F44D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:09:21	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	334860	333496	331826	333394	0.46	cps
Uranium	238-1	85095	87218	86916	86410	1.33	cps
Vanadium	51-2	167354	166649	164032	166012	1.05	cps
Ytterbium	172-1	17721	17904	17938	17854	0.65	cps
Ytterbium	172-2	9565	9837	9504	9635	1.84	cps
Ytterbium	176-1	12106	11939	11756	11934	1.47	cps
Ytterbium	176-2	11705	11722	11839	11755	0.62	cps
Yttrium	89-1	15017671	14794897	15688266	15166945	3.07	cps
Yttrium	89-2	1563998	1559008	1540179	1554395	0.81	cps
Zinc	66-2	865279	857415	854774	859156	0.64	cps
Zirconium	90-1	37251	38579	37610	37813	1.82	cps
Zirconium	91-1	8386	8178	8161	8242	1.52	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F44L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 15:12:16	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217723	215310	216261	216431	0.56	cps
Antimony	121-1	2842	3726	3217	3262	13.60	cps
Arsenic	75-2	1311	1373	1371	1352	2.61	cps
Barium	135-1	240487	240378	247627	242831	1.71	cps
Barium	137-1	408820	419092	419323	415745	1.44	cps
Beryllium	9-1	922	904	846	891	4.46	cps
Bismuth	209-1	4767908	4608463	4685703	4687358	1.70	cps
Bismuth	209-2	2820329	2787210	2790443	2799327	0.65	cps
Boron	10-1	1916	1994	2006	1972	2.48	cps
Boron	11-1	10204	10025	10122	10117	0.88	cps
Bromine	81-1	24346	23554	25610	24504	4.23	cps
Cadmium	111-1	4813	4655	4813	4760	1.91	cps
Cadmium	106-1	4192	3851	3634	3892	7.23	cps
Cadmium	108-1	296	371	329	332	11.32	cps
Calcium	43-1	544274	554052	550179	549502	0.90	cps
Calcium	44-1	8670668	9096910	8634806	8800795	2.92	cps
Carbon	12-1	4892134	4808164	4925647	4875315	1.24	cps
Carbon	12-2	48289	47904	48130	48107	0.40	cps
Chlorine	35-1	20923779	20945712	20538353	20802615	1.10	cps
Chlorine	35-2	122641	119272	119071	120328	1.67	cps
Chromium	52-2	18572	18636	18122	18443	1.52	cps
Cobalt	59-2	17514	17798	17765	17692	0.88	cps
Copper	63-2	147132	151924	149031	149362	1.62	cps
Dysprosium	156-1	13758	13716	13699	13724	0.22	cps
Dysprosium	156-2	6478	6165	6328	6324	2.48	cps
Erbium	164-1	11022	10880	11881	11261	4.81	cps
Erbium	164-2	5114	4671	5174	4987	5.52	cps
Gadolinium	160-1	12715	13182	12856	12918	1.85	cps
Gadolinium	160-2	6435	6652	6712	6599	2.21	cps
Holmium	165-1	8769532	8256507	8575685	8533908	3.04	cps
Holmium	165-2	4138730	4066635	4193332	4132899	1.54	cps
Indium	115-1	8392363	7758399	8404922	8185228	4.52	cps
Indium	115-2	1223618	1208795	1229350	1220588	0.87	cps
Iron	54-2	954511	960618	940713	951947	1.07	cps
Iron	56-2	18041307	17971205	17622852	17878455	1.25	cps
Iron	57-2	438902	437765	429424	435364	1.19	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F44L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 15:12:16	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	880	1000	843	908	9.03	cps
Lead	206-1	933307	927633	934144	931695	0.38	cps
Lead	207-1	784934	796493	783206	788211	0.92	cps
Lead	208-1	3776423	3872467	3761711	3803534	1.58	cps
Lithium	6-1	2806745	2665163	2912968	2794959	4.45	cps
Magnesium	24-2	383840	379523	377986	380450	0.80	cps
Manganese	55-2	537325	529851	536107	534428	0.75	cps
Molybdenum	94-1	3951	4584	4668	4401	8.91	cps
Molybdenum	95-1	3234	3134	3025	3131	3.33	cps
Molybdenum	96-1	4459	4109	3951	4173	6.23	cps
Molybdenum	97-1	1650	1942	1667	1753	9.35	cps
Molybdenum	98-1	4684	4518	4843	4681	3.47	cps
Neodymium	150-1	23367	23274	23174	23272	0.42	cps
Neodymium	150-2	7332	7476	7439	7415	1.00	cps
Nickel	60-2	15595	15288	14925	15269	2.20	cps
Phosphorus	31-2	3626	3425	3484	3512	2.93	cps
Potassium	39-2	184504	187860	182891	185085	1.37	cps
Rhodium	103-1	8052254	7598687	7972528	7874490	3.08	cps
Rhodium	103-2	3810221	3773745	3652818	3745594	2.20	cps
Scandium	45-1	6715034	6499264	6576666	6596988	1.66	cps
Scandium	45-2	194989	193702	194435	194375	0.33	cps
Selenium	82-1	109	-5	172	92	97.76	cps
Selenium	77-2	33	37	43	38	13.48	cps
Selenium	78-2	64	80	81	75	12.72	cps
Silicon	28-1	2222605	2253562	2287075	2254414	1.43	cps
Silver	107-1	8920	8645	8670	8745	1.74	cps
Silver	109-1	8636	8870	8853	8786	1.48	cps
Sodium	23-2	45823	46099	45563	45828	0.58	cps
Strontium	86-1	230314	231512	239754	233860	2.20	cps
Strontium	88-1	1990467	1981745	2016570	1996261	0.91	cps
Sulfur	34-1	457822	459357	454177	457119	0.58	cps
Terbium	159-1	9309045	8861337	9319344	9163242	2.85	cps
Terbium	159-2	4164249	4171512	4162150	4165971	0.12	cps
Thallium	203-1	1142	1033	1225	1133	8.48	cps
Thallium	205-1	2417	2584	2509	2503	3.34	cps
Tin	118-1	27036	27228	28572	27612	3.03	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1F44L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 15:12:16	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	62555	62287	62822	62554	0.43	cps
Uranium	238-1	14450	14150	13900	14167	1.95	cps
Vanadium	51-2	30175	28879	29333	29463	2.23	cps
Ytterbium	172-1	3367	3467	3267	3367	2.97	cps
Ytterbium	172-2	1633	1733	1778	1715	4.31	cps
Ytterbium	176-1	2759	2817	2742	2773	1.42	cps
Ytterbium	176-2	7291	6757	7336	7128	4.51	cps
Yttrium	89-1	13609314	13342000	13797616	13582977	1.69	cps
Yttrium	89-2	1386683	1422339	1422420	1410480	1.46	cps
Zinc	66-2	156319	159540	157755	157872	1.02	cps
Zirconium	90-1	7394	6952	7027	7124	3.32	cps
Zirconium	91-1	1725	1717	1675	1706	1.57	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-03	Instrumnet Name :	P8
Client Sample ID :	MH1F44S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:15:15	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1061891	1048094	1058033	1056006	0.67	cps
Antimony	121-1	72426	72502	71831	72253	0.51	cps
Arsenic	75-2	7888	8102	7853	7948	1.70	cps
Barium	135-1	1823225	1786766	1776273	1795422	1.37	cps
Barium	137-1	3108688	3014975	3034725	3052796	1.62	cps
Beryllium	9-1	18492	18606	18678	18592	0.50	cps
Bismuth	209-1	5012215	5131652	4973048	5038972	1.64	cps
Bismuth	209-2	2821350	2942003	2886417	2883257	2.09	cps
Boron	10-1	4186	4412	4582	4393	4.52	cps
Boron	11-1	19994	21476	21790	21086	4.55	cps
Bromine	81-1	29512	30555	31819	30629	3.77	cps
Cadmium	111-1	34911	35310	35739	35320	1.17	cps
Cadmium	106-1	7519	6994	7869	7461	5.91	cps
Cadmium	108-1	2584	2667	2621	2624	1.59	cps
Calcium	43-1	2554072	2553667	2588862	2565533	0.79	cps
Calcium	44-1	40634417	40840269	40444163	40639616	0.49	cps
Carbon	12-1	7598189	7384656	7200211	7394352	2.69	cps
Carbon	12-2	75217	76441	73744	75134	1.80	cps
Chlorine	35-1	39433008	45070269	49665082	44722786	11.46	cps
Chlorine	35-2	336544	349105	356817	347489	2.94	cps
Chromium	52-2	164710	161172	161197	162360	1.25	cps
Cobalt	59-2	425841	423891	429522	426418	0.67	cps
Copper	63-2	823461	826410	820672	823515	0.35	cps
Dysprosium	156-1	66374	66734	65948	66352	0.59	cps
Dysprosium	156-2	29609	29048	28618	29092	1.71	cps
Erbium	164-1	55232	54554	53250	54345	1.85	cps
Erbium	164-2	23715	23491	23771	23659	0.63	cps
Gadolinium	160-1	61325	58798	60488	60204	2.14	cps
Gadolinium	160-2	30535	30919	31143	30866	1.00	cps
Holmium	165-1	8963126	9192823	8897901	9017950	1.72	cps
Holmium	165-2	4328157	4244351	4262508	4278339	1.03	cps
Indium	115-1	8451434	8830881	8657194	8646503	2.20	cps
Indium	115-2	1242626	1242363	1244942	1243310	0.11	cps
Iron	54-2	4830491	4893241	4839519	4854417	0.70	cps
Iron	56-2	89875627	86665682	87644485	88061932	1.87	cps
Iron	57-2	2259939	2190140	2230143	2226740	1.57	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-03	Instrumnet Name :	P8
Client Sample ID :	MH1F44S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:15:15	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1050	917	1018	8.79	cps
Lead	206-1	4567774	4554520	4596071	4572788	0.46	cps
Lead	207-1	3881135	3995644	3925717	3934165	1.47	cps
Lead	208-1	17809866	18138501	17770767	17906378	1.13	cps
Lithium	6-1	2953064	2892894	2950800	2932253	1.16	cps
Magnesium	24-2	1816227	1755529	1807354	1793037	1.83	cps
Manganese	55-2	2717939	2787407	2724891	2743412	1.39	cps
Molybdenum	94-1	22410	21167	21576	21718	2.92	cps
Molybdenum	95-1	14374	15234	15275	14961	3.40	cps
Molybdenum	96-1	19998	20900	19765	20221	2.96	cps
Molybdenum	97-1	8711	9245	9312	9089	3.62	cps
Molybdenum	98-1	23412	22778	23187	23126	1.39	cps
Neodymium	150-1	110594	110176	111984	110918	0.85	cps
Neodymium	150-2	35848	36553	36099	36167	0.99	cps
Nickel	60-2	163661	161594	165130	163462	1.09	cps
Phosphorus	31-2	16351	15767	15909	16009	1.90	cps
Potassium	39-2	815372	808257	807890	810506	0.52	cps
Rhodium	103-1	8116746	8042344	8521105	8226732	3.13	cps
Rhodium	103-2	3856673	3853698	3732981	3814451	1.85	cps
Scandium	45-1	7180144	7134742	7187554	7167480	0.40	cps
Scandium	45-2	198466	198972	201474	199637	0.81	cps
Selenium	82-1	1948	1924	2126	1999	5.54	cps
Selenium	77-2	210	220	220	217	2.66	cps
Selenium	78-2	350	352	380	361	4.65	cps
Silicon	28-1	9557168	9483950	9177690	9406269	2.14	cps
Silver	107-1	141803	143148	139161	141371	1.43	cps
Silver	109-1	133286	135002	136449	134912	1.17	cps
Sodium	23-2	146801	148922	151971	149231	1.74	cps
Strontium	86-1	1059098	1054227	1058162	1057162	0.24	cps
Strontium	88-1	9176072	9112880	8725824	9004925	2.71	cps
Sulfur	34-1	487903	495383	494417	492568	0.83	cps
Terbium	159-1	9616554	9312835	9734632	9554674	2.28	cps
Terbium	159-2	4223009	4265693	4261131	4249944	0.55	cps
Thallium	203-1	47229	49554	46936	47906	2.99	cps
Thallium	205-1	111933	109000	114591	111841	2.50	cps
Tin	118-1	162841	165129	161007	162992	1.27	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-03	Instrumnet Name :	P8
Client Sample ID :	MH1F44S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:15:15	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	312041	307878	317561	312493	1.55	cps
Uranium	238-1	71278	71569	67539	70129	3.20	cps
Vanadium	51-2	298611	298117	295647	297458	0.53	cps
Ytterbium	172-1	15451	15217	15126	15265	1.10	cps
Ytterbium	172-2	8053	8103	8331	8162	1.82	cps
Ytterbium	176-1	9929	10354	10696	10327	3.72	cps
Ytterbium	176-2	11394	11416	11844	11552	2.20	cps
Yttrium	89-1	15258686	15378601	14979794	15205694	1.35	cps
Yttrium	89-2	1530978	1534905	1529588	1531824	0.18	cps
Zinc	66-2	753704	758333	758828	756955	0.37	cps
Zirconium	90-1	37585	37134	37610	37443	0.72	cps
Zirconium	91-1	7819	8461	8803	8361	5.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-04	Instrumnet Name :	P8
Client Sample ID :	MH1FA1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:18:12	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	868173	862852	861013	864012	0.43	cps
Antimony	121-1	16794	17654	17003	17150	2.61	cps
Arsenic	75-2	6055	5964	6050	6023	0.85	cps
Barium	135-1	815020	800221	794755	803332	1.31	cps
Barium	137-1	1356288	1368457	1376851	1367199	0.76	cps
Beryllium	9-1	3200	3204	3190	3198	0.23	cps
Bismuth	209-1	5050933	5006508	5026932	5028125	0.44	cps
Bismuth	209-2	2910465	2752853	2878296	2847205	2.92	cps
Boron	10-1	4326	4452	4824	4534	5.71	cps
Boron	11-1	21045	22222	21990	21753	2.87	cps
Bromine	81-1	29973	29110	29120	29401	1.68	cps
Cadmium	111-1	18754	18388	18215	18452	1.49	cps
Cadmium	106-1	5710	5376	5868	5651	4.44	cps
Cadmium	108-1	1288	1471	1538	1432	9.04	cps
Calcium	43-1	1746327	1760510	1734466	1747101	0.75	cps
Calcium	44-1	28571049	28453661	29059397	28694702	1.12	cps
Carbon	12-1	7748478	7971325	8232809	7984204	3.04	cps
Carbon	12-2	83832	83991	82592	83472	0.92	cps
Chlorine	35-1	46853654	52890991	55165701	51636782	8.32	cps
Chlorine	35-2	368267	371122	369981	369790	0.39	cps
Chromium	52-2	64511	64223	63336	64024	0.96	cps
Cobalt	59-2	70367	70765	70742	70624	0.32	cps
Copper	63-2	586324	588153	577923	584134	0.93	cps
Dysprosium	156-1	57216	56680	56228	56708	0.87	cps
Dysprosium	156-2	25848	24626	25441	25305	2.46	cps
Erbium	164-1	46641	47436	46817	46965	0.89	cps
Erbium	164-2	20670	20543	20970	20727	1.06	cps
Gadolinium	160-1	53149	53217	52019	52795	1.27	cps
Gadolinium	160-2	27569	26994	26734	27099	1.58	cps
Holmium	165-1	9162236	9164316	9040976	9122509	0.77	cps
Holmium	165-2	4354793	4140725	4150275	4215264	2.87	cps
Indium	115-1	8875784	8742132	8454439	8690785	2.48	cps
Indium	115-2	1280055	1203411	1227625	1237031	3.17	cps
Iron	54-2	3684809	3683881	3613496	3660729	1.12	cps
Iron	56-2	66987557	65758022	66385400	66376993	0.93	cps
Iron	57-2	1704307	1684038	1691178	1693174	0.61	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-04	Instrumnet Name :	P8
Client Sample ID :	MH1FA1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:18:12	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	953	960	983	4.71	cps
Lead	206-1	3589502	3521800	3494397	3535233	1.38	cps
Lead	207-1	3060315	3021568	3015045	3032309	0.81	cps
Lead	208-1	13937007	13684206	13665666	13762293	1.10	cps
Lithium	6-1	2873926	3047800	2843398	2921708	3.77	cps
Magnesium	24-2	1441234	1433665	1402214	1425704	1.45	cps
Manganese	55-2	2096795	2077689	2062180	2078888	0.83	cps
Molybdenum	94-1	20725	19823	20332	20293	2.23	cps
Molybdenum	95-1	13791	13232	13457	13493	2.08	cps
Molybdenum	96-1	17495	18354	18029	17959	2.42	cps
Molybdenum	97-1	7369	8703	8861	8311	9.86	cps
Molybdenum	98-1	20674	20340	20883	20633	1.33	cps
Neodymium	150-1	92457	97440	94934	94944	2.62	cps
Neodymium	150-2	31019	30328	30391	30579	1.25	cps
Nickel	60-2	49385	49596	49091	49358	0.51	cps
Phosphorus	31-2	11530	11822	11438	11597	1.73	cps
Potassium	39-2	860218	848821	847142	852060	0.83	cps
Rhodium	103-1	8389399	8162667	8058809	8203625	2.06	cps
Rhodium	103-2	3945062	3654481	3695770	3765104	4.18	cps
Scandium	45-1	7239146	7248128	7088497	7191924	1.25	cps
Scandium	45-2	205053	198360	199570	200994	1.77	cps
Selenium	82-1	233	330	253	272	18.92	cps
Selenium	77-2	200	170	147	172	15.52	cps
Selenium	78-2	160	152	156	156	2.56	cps
Silicon	28-1	8001298	7630387	7914070	7848585	2.47	cps
Silver	107-1	30827	30551	30677	30685	0.45	cps
Silver	109-1	28630	29967	29023	29207	2.35	cps
Sodium	23-2	142425	140515	139741	140894	0.98	cps
Strontium	86-1	758629	751783	764026	758146	0.81	cps
Strontium	88-1	6287969	6467700	6409948	6388539	1.44	cps
Sulfur	34-1	482960	485904	484685	484516	0.31	cps
Terbium	159-1	9924008	9537496	9116152	9525885	4.24	cps
Terbium	159-2	4330603	4033973	4100197	4154924	3.75	cps
Thallium	203-1	4676	4242	4434	4451	4.88	cps
Thallium	205-1	10388	9837	9987	10071	2.82	cps
Tin	118-1	129992	133794	135417	133068	2.09	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-04	Instrumnet Name :	P8
Client Sample ID :	MH1FA1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:18:12	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	269284	265644	266558	267162	0.71	cps
Uranium	238-1	39070	37314	39881	38755	3.39	cps
Vanadium	51-2	120637	120055	120311	120334	0.24	cps
Ytterbium	172-1	12456	13207	13966	13210	5.71	cps
Ytterbium	172-2	7297	7191	6946	7145	2.51	cps
Ytterbium	176-1	9253	9279	9203	9245	0.41	cps
Ytterbium	176-2	11116	9859	10649	10541	6.03	cps
Yttrium	89-1	14909286	15150712	14983446	15014481	0.82	cps
Yttrium	89-2	1579560	1477459	1500434	1519151	3.53	cps
Zinc	66-2	455525	457288	447950	453588	1.09	cps
Zirconium	90-1	34961	34986	35036	34995	0.11	cps
Zirconium	91-1	8036	7586	7719	7780	2.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-05	Instrumnet Name :	P8
Client Sample ID :	MH1FA2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:21:05	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	919995	915055	901453	912167	1.05	cps
Antimony	121-1	17428	17145	17703	17425	1.60	cps
Arsenic	75-2	5995	5792	5989	5925	1.95	cps
Barium	135-1	816295	820900	811522	816239	0.57	cps
Barium	137-1	1390490	1405961	1479911	1425454	3.35	cps
Beryllium	9-1	2998	3102	3042	3047	1.71	cps
Bismuth	209-1	4745295	4540233	4939646	4741725	4.21	cps
Bismuth	209-2	2777433	2822671	2777354	2792486	0.94	cps
Boron	10-1	4060	4276	4298	4211	3.12	cps
Boron	11-1	19888	20328	20688	20301	1.98	cps
Bromine	81-1	31308	33083	32140	32177	2.76	cps
Cadmium	111-1	14012	13770	13756	13846	1.04	cps
Cadmium	106-1	5068	5101	5176	5115	1.08	cps
Cadmium	108-1	1021	954	1008	994	3.56	cps
Calcium	43-1	1980645	2030366	2063271	2024761	2.05	cps
Calcium	44-1	32202812	32714571	32474493	32463959	0.79	cps
Carbon	12-1	6548680	6853211	6663512	6688468	2.30	cps
Carbon	12-2	69892	69608	67766	69088	1.67	cps
Chlorine	35-1	44388131	50819639	54969148	50058973	10.65	cps
Chlorine	35-2	368441	369515	372127	370028	0.51	cps
Chromium	52-2	52841	52660	51606	52369	1.27	cps
Cobalt	59-2	71411	69687	69107	70068	1.71	cps
Copper	63-2	461669	454987	459119	458591	0.74	cps
Dysprosium	156-1	59827	61417	60304	60516	1.35	cps
Dysprosium	156-2	26827	26977	26810	26872	0.34	cps
Erbium	164-1	47670	48791	48665	48375	1.27	cps
Erbium	164-2	21461	20887	21521	21289	1.64	cps
Gadolinium	160-1	55626	53876	54972	54825	1.61	cps
Gadolinium	160-2	28851	27993	27943	28262	1.81	cps
Holmium	165-1	8555372	7866787	9358453	8593538	8.69	cps
Holmium	165-2	4376349	4134389	4281774	4264171	2.86	cps
Indium	115-1	8373990	7606587	8604641	8195073	6.38	cps
Indium	115-2	1237661	1238304	1234540	1236835	0.16	cps
Iron	54-2	3733617	3738691	3789851	3754053	0.83	cps
Iron	56-2	66792651	67383899	67506093	67227548	0.57	cps
Iron	57-2	1705766	1730634	1744043	1726814	1.12	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-05	Instrumnet Name :	P8
Client Sample ID :	MH1FA2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:21:05	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1073	1047	1077	2.95	cps
Lead	206-1	2640301	2657346	2651946	2649864	0.33	cps
Lead	207-1	2209666	2212622	2263746	2228678	1.36	cps
Lead	208-1	10186834	10340931	10309132	10278966	0.79	cps
Lithium	6-1	2850868	2705030	2774610	2776836	2.63	cps
Magnesium	24-2	1459208	1448306	1444168	1450561	0.54	cps
Manganese	55-2	1702766	1703307	1745210	1717094	1.42	cps
Molybdenum	94-1	16927	18129	17336	17464	3.50	cps
Molybdenum	95-1	12990	13457	12581	13009	3.37	cps
Molybdenum	96-1	17370	17361	17061	17264	1.02	cps
Molybdenum	97-1	7994	7861	8078	7978	1.37	cps
Molybdenum	98-1	19481	20524	20866	20290	3.56	cps
Neodymium	150-1	101726	101092	103087	101968	1.00	cps
Neodymium	150-2	33288	32600	32536	32808	1.27	cps
Nickel	60-2	54330	54126	53333	53930	0.98	cps
Phosphorus	31-2	10504	10980	10671	10718	2.25	cps
Potassium	39-2	779350	773832	767856	773679	0.74	cps
Rhodium	103-1	8051535	7661844	8246894	7986757	3.73	cps
Rhodium	103-2	3811446	3727135	3784719	3774433	1.14	cps
Scandium	45-1	7050772	6502113	6888896	6813927	4.14	cps
Scandium	45-2	200469	196901	195184	197518	1.36	cps
Selenium	82-1	165	258	199	207	22.76	cps
Selenium	77-2	127	183	167	159	18.33	cps
Selenium	78-2	165	174	178	172	3.86	cps
Silicon	28-1	8061034	8126373	7821780	8003062	2.00	cps
Silver	107-1	24030	23638	24005	23891	0.92	cps
Silver	109-1	22452	22920	22928	22767	1.20	cps
Sodium	23-2	174276	176611	172176	174354	1.27	cps
Strontium	86-1	812395	817140	825903	818479	0.84	cps
Strontium	88-1	6860015	7029688	6936157	6941953	1.22	cps
Sulfur	34-1	473348	480689	475388	476475	0.80	cps
Terbium	159-1	9263206	8831400	9294394	9129667	2.83	cps
Terbium	159-2	4343140	4177096	4171622	4230619	2.30	cps
Thallium	203-1	3959	3759	3842	3853	2.61	cps
Thallium	205-1	8795	9387	9154	9112	3.27	cps
Tin	118-1	96315	99923	103197	99812	3.45	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-05	Instrumnet Name :	P8
Client Sample ID :	MH1FA2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:21:05	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	237350	240015	239048	238804	0.57	cps
Uranium	238-1	46277	47164	45608	46350	1.68	cps
Vanadium	51-2	129029	126141	126099	127090	1.32	cps
Ytterbium	172-1	13883	13916	13766	13855	0.57	cps
Ytterbium	172-2	7280	7347	7302	7310	0.46	cps
Ytterbium	176-1	9112	9487	9495	9365	2.34	cps
Ytterbium	176-2	10204	10727	11094	10675	4.19	cps
Yttrium	89-1	14809551	13711597	15228062	14583070	5.37	cps
Yttrium	89-2	1536759	1524765	1500517	1520680	1.21	cps
Zinc	66-2	357209	351032	351883	353375	0.95	cps
Zirconium	90-1	28931	28622	28855	28803	0.56	cps
Zirconium	91-1	6393	6535	6493	6474	1.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-06	Instrumnet Name :	P8
Client Sample ID :	MH1FA3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:24:00	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	965317	949827	966461	960535	0.97	cps
Antimony	121-1	15785	15351	16077	15737	2.32	cps
Arsenic	75-2	5399	5523	5522	5481	1.30	cps
Barium	135-1	956739	962245	964016	961000	0.39	cps
Barium	137-1	1686395	1674719	1656376	1672497	0.90	cps
Beryllium	9-1	3752	3586	3628	3655	2.36	cps
Bismuth	209-1	4938845	5187804	4860217	4995622	3.42	cps
Bismuth	209-2	2765724	2775935	2743470	2761710	0.60	cps
Boron	10-1	5492	5362	5586	5480	2.05	cps
Boron	11-1	25013	26673	27915	26534	5.49	cps
Bromine	81-1	29803	28598	29622	29341	2.21	cps
Cadmium	111-1	18515	18782	18622	18640	0.72	cps
Cadmium	106-1	5843	6043	5785	5890	2.30	cps
Cadmium	108-1	1529	1479	1517	1508	1.73	cps
Calcium	43-1	2236150	2286793	2222267	2248403	1.51	cps
Calcium	44-1	35059034	36254103	36018217	35777118	1.77	cps
Carbon	12-1	9525712	9436097	9332279	9431363	1.03	cps
Carbon	12-2	100267	100467	98792	99842	0.92	cps
Chlorine	35-1	46296284	51049164	55860555	51068668	9.36	cps
Chlorine	35-2	361407	364691	391545	372548	4.44	cps
Chromium	52-2	124352	124516	125842	124903	0.65	cps
Cobalt	59-2	77469	76605	77272	77115	0.59	cps
Copper	63-2	640647	636120	639916	638894	0.38	cps
Dysprosium	156-1	59894	58187	58638	58906	1.50	cps
Dysprosium	156-2	25120	25244	25578	25314	0.94	cps
Erbium	164-1	46098	47135	47394	46875	1.46	cps
Erbium	164-2	21177	20980	21261	21139	0.68	cps
Gadolinium	160-1	53023	52505	52873	52800	0.51	cps
Gadolinium	160-2	27338	27666	27221	27408	0.84	cps
Holmium	165-1	8797641	9159288	8813341	8923423	2.29	cps
Holmium	165-2	4258796	4187440	4054555	4166930	2.49	cps
Indium	115-1	8433195	8353655	8463182	8416677	0.67	cps
Indium	115-2	1233291	1226043	1201222	1220186	1.38	cps
Iron	54-2	4763899	4673568	4757656	4731708	1.07	cps
Iron	56-2	86933394	85515844	84706744	85718660	1.31	cps
Iron	57-2	2186011	2163710	2134433	2161385	1.20	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-06	Instrumnet Name :	P8
Client Sample ID :	MH1FA3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:24:00	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	900	910	923	3.48	cps
Lead	206-1	4489461	4495998	4526481	4503980	0.44	cps
Lead	207-1	3895459	3874730	3873335	3881174	0.32	cps
Lead	208-1	17804806	18021064	18009637	17945169	0.68	cps
Lithium	6-1	2911831	2986410	2893030	2930424	1.69	cps
Magnesium	24-2	1744798	1740229	1761378	1748802	0.64	cps
Manganese	55-2	2686563	2712157	2609686	2669469	2.00	cps
Molybdenum	94-1	23404	22661	22419	22828	2.25	cps
Molybdenum	95-1	12439	13348	12848	12879	3.54	cps
Molybdenum	96-1	18196	19130	18538	18621	2.54	cps
Molybdenum	97-1	7919	8036	7494	7816	3.65	cps
Molybdenum	98-1	20324	20282	20357	20321	0.18	cps
Neodymium	150-1	93961	98246	96149	96119	2.23	cps
Neodymium	150-2	31314	31497	31718	31509	0.64	cps
Nickel	60-2	57700	57335	57988	57674	0.57	cps
Phosphorus	31-2	13490	14016	14174	13893	2.58	cps
Potassium	39-2	922519	904289	911088	912632	1.01	cps
Rhodium	103-1	8174237	8270548	8095043	8179943	1.07	cps
Rhodium	103-2	3785087	3794136	3575560	3718261	3.33	cps
Scandium	45-1	7095361	7193098	6900811	7063090	2.11	cps
Scandium	45-2	199319	198311	191480	196370	2.17	cps
Selenium	82-1	309	357	345	337	7.49	cps
Selenium	77-2	170	190	140	167	15.10	cps
Selenium	78-2	181	179	167	176	4.31	cps
Silicon	28-1	9856688	9925561	9644955	9809068	1.49	cps
Silver	107-1	33483	33584	35020	34029	2.53	cps
Silver	109-1	32122	32431	32765	32439	0.99	cps
Sodium	23-2	150357	146618	154059	150344	2.47	cps
Strontium	86-1	916396	923129	908294	915940	0.81	cps
Strontium	88-1	7682593	7962543	7881487	7842207	1.84	cps
Sulfur	34-1	487323	489246	491048	489206	0.38	cps
Terbium	159-1	9526653	9662084	9481032	9556590	0.99	cps
Terbium	159-2	4145782	4276441	4054338	4158854	2.68	cps
Thallium	203-1	3484	3576	3526	3528	1.30	cps
Thallium	205-1	8536	8937	7878	8450	6.33	cps
Tin	118-1	135496	135883	137390	136257	0.73	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-06	Instrumnet Name :	P8
Client Sample ID :	MH1FA3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:24:00	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	343278	340730	334917	339642	1.26	cps
Uranium	238-1	47013	47540	49715	48089	2.98	cps
Vanadium	51-2	132235	130297	131786	131439	0.77	cps
Ytterbium	172-1	13816	13315	13924	13685	2.37	cps
Ytterbium	172-2	7241	7569	7291	7367	2.40	cps
Ytterbium	176-1	9504	9854	9429	9595	2.37	cps
Ytterbium	176-2	10304	10921	10376	10534	3.20	cps
Yttrium	89-1	15004810	15776586	14932213	15237870	3.07	cps
Yttrium	89-2	1535236	1506976	1439031	1493748	3.31	cps
Zinc	66-2	751969	735804	750599	746124	1.20	cps
Zirconium	90-1	42667	44664	45141	44157	2.97	cps
Zirconium	91-1	9087	10162	9762	9670	5.62	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCV045 Instrumnet Name : P8
 Client Sample ID : CCV045 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 15:26:54 DataFile Name : 086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2389264	2351755	2304630	2348550	1.81	cps
Antimony	121-1	2847139	2885116	2975211	2902489	2.27	cps
Arsenic	75-2	87511	86243	85619	86458	1.12	cps
Barium	135-1	3876408	3960571	3881210	3906063	1.21	cps
Barium	137-1	6518090	6586210	6688179	6597493	1.30	cps
Beryllium	9-1	692968	706711	711622	703767	1.37	cps
Bismuth	209-1	4678276	4458712	4562943	4566644	2.41	cps
Bismuth	209-2	2563900	2562227	2610340	2578822	1.06	cps
Boron	10-1	65505	68235	71489	68409	4.38	cps
Boron	11-1	302982	335714	353555	330750	7.75	cps
Bromine	81-1	23313	24567	22471	23451	4.50	cps
Cadmium	111-1	719687	734990	728765	727814	1.06	cps
Cadmium	106-1	88737	88158	89468	88788	0.74	cps
Cadmium	108-1	60679	59662	61089	60477	1.22	cps
Calcium	43-1	6114087	6261742	6269326	6215052	1.41	cps
Calcium	44-1	101419655	102043680	98636761	100700032	1.80	cps
Carbon	12-1	5483293	5648183	5781813	5637763	2.65	cps
Carbon	12-2	64852	66970	66074	65966	1.61	cps
Chlorine	35-1	15602368	14526852	13681606	14603609	6.59	cps
Chlorine	35-2	72892	68454	64653	68666	6.01	cps
Chromium	52-2	945009	915793	922192	927665	1.66	cps
Cobalt	59-2	1783813	1817229	1751695	1784246	1.84	cps
Copper	63-2	13127140	13235877	13000142	13121053	0.90	cps
Dysprosium	156-1	617	733	742	697	10.02	cps
Dysprosium	156-2	273	237	237	249	8.51	cps
Erbium	164-1	125	158	75	119	35.12	cps
Erbium	164-2	50	70	60	60	16.67	cps
Gadolinium	160-1	575	617	508	567	9.64	cps
Gadolinium	160-2	360	337	350	349	3.36	cps
Holmium	165-1	8867043	8708196	8965423	8846887	1.47	cps
Holmium	165-2	4185168	4298676	4340495	4274780	1.88	cps
Indium	115-1	8212545	8206738	8219938	8213074	0.08	cps
Indium	115-2	1162640	1162551	1190689	1171960	1.38	cps
Iron	54-2	9713438	9750784	9742684	9735636	0.20	cps
Iron	56-2	176722282	178907143	178110748	177913391	0.62	cps
Iron	57-2	4571650	4581484	4416642	4523258	2.04	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P8
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:26:54	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	873	863	899	5.91	cps
Lead	206-1	9205396	9154147	9025003	9128182	1.02	cps
Lead	207-1	8365468	7965707	7649136	7993437	4.49	cps
Lead	208-1	37817311	36715805	35748915	36760677	2.82	cps
Lithium	6-1	2598504	2829835	2868605	2765648	5.28	cps
Magnesium	24-2	34867827	34584456	33923340	34458541	1.41	cps
Manganese	55-2	4688124	4775285	4701632	4721680	0.99	cps
Molybdenum	94-1	12904438	13177723	13110450	13064204	1.09	cps
Molybdenum	95-1	18506686	19334143	19262854	19034561	2.41	cps
Molybdenum	96-1	20877569	21332812	20831754	21014045	1.32	cps
Molybdenum	97-1	11668749	11820467	11625885	11705034	0.87	cps
Molybdenum	98-1	29593827	31239029	31209059	30680638	3.07	cps
Neodymium	150-1	253	320	280	284	11.80	cps
Neodymium	150-2	23	40	37	33	26.47	cps
Nickel	60-2	460201	455978	453055	456411	0.79	cps
Phosphorus	31-2	25423	23945	23795	24388	3.69	cps
Potassium	39-2	13221729	13163108	13429720	13271519	1.06	cps
Rhodium	103-1	7701381	7618369	7851589	7723780	1.53	cps
Rhodium	103-2	3514686	3488729	3585800	3529738	1.42	cps
Scandium	45-1	6823718	6919674	6894032	6879141	0.72	cps
Scandium	45-2	190312	186390	191512	189404	1.41	cps
Selenium	82-1	62438	62074	62860	62457	0.63	cps
Selenium	77-2	1713	1657	1677	1682	1.71	cps
Selenium	78-2	5914	5850	5770	5844	1.24	cps
Silicon	28-1	3413726	3557295	3646031	3539018	3.31	cps
Silver	107-1	4078330	3901056	3907518	3962301	2.54	cps
Silver	109-1	3732266	3824925	3795049	3784080	1.25	cps
Sodium	23-2	69678164	69105072	68562202	69115146	0.81	cps
Strontium	86-1	12180747	11897558	11837367	11971891	1.53	cps
Strontium	88-1	104340882	100221092	99789586	101450520	2.48	cps
Sulfur	34-1	870624	854696	858911	861410	0.96	cps
Terbium	159-1	9520089	9441938	9271312	9411113	1.35	cps
Terbium	159-2	4149906	4137059	4190107	4159024	0.67	cps
Thallium	203-1	2214058	2362253	2388496	2321602	4.05	cps
Thallium	205-1	5291253	5533481	5376741	5400492	2.27	cps
Tin	118-1	2692748	2667492	2751912	2704050	1.60	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P8
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:26:54	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6328884	6328375	6270095	6309118	0.54	cps
Uranium	238-1	6457236	6655662	6850384	6654427	2.95	cps
Vanadium	51-2	772143	772866	767135	770715	0.40	cps
Ytterbium	172-1	58	117	75	83	36.06	cps
Ytterbium	172-2	33	22	28	28	20.00	cps
Ytterbium	176-1	10279	11264	11197	10913	5.04	cps
Ytterbium	176-2	10749	10599	11438	10929	4.10	cps
Yttrium	89-1	13591304	13461406	13850723	13634478	1.45	cps
Yttrium	89-2	1342361	1345319	1352992	1346890	0.41	cps
Zinc	66-2	1329088	1316236	1308821	1318048	0.78	cps
Zirconium	90-1	6264725	6366212	6363504	6331480	0.91	cps
Zirconium	91-1	1440703	1454300	1431640	1442214	0.79	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB045 Instrumnet Name : P8
 Client Sample ID : CCB045 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 15:35:24 DataFile Name : 087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	221	195	175	197	11.77	cps
Antimony	121-1	425	392	383	400	5.51	cps
Arsenic	75-2	9	6	5	7	31.22	cps
Barium	135-1	283	242	142	222	32.76	cps
Barium	137-1	367	467	317	383	19.93	cps
Beryllium	9-1	94	120	90	101	16.08	cps
Bismuth	209-1	4670224	4734311	4593374	4665970	1.51	cps
Bismuth	209-2	2756598	2854327	2837947	2816291	1.86	cps
Boron	10-1	2190	2320	2122	2210	4.55	cps
Boron	11-1	10408	10296	10106	10270	1.49	cps
Bromine	81-1	23213	21469	21328	22003	4.77	cps
Cadmium	111-1	347	335	337	340	1.83	cps
Cadmium	106-1	2875	2942	2875	2898	1.33	cps
Cadmium	108-1	17	25	13	18	35.25	cps
Calcium	43-1	556	549	510	538	4.61	cps
Calcium	44-1	28575	27641	26544	27587	3.69	cps
Carbon	12-1	4095666	4112797	4175586	4128016	1.02	cps
Carbon	12-2	41518	41986	42404	41969	1.06	cps
Chlorine	35-1	3453829	3354753	3369748	3392777	1.57	cps
Chlorine	35-2	19313	18712	18738	18921	1.80	cps
Chromium	52-2	940	950	840	910	6.68	cps
Cobalt	59-2	67	50	87	68	27.09	cps
Copper	63-2	1113	1047	1023	1061	4.40	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	92	100	83	26.46	cps
Erbium	164-2	20	37	10	22	60.63	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	87	77	100	88	13.33	cps
Holmium	165-1	8368616	8713170	8404900	8495562	2.23	cps
Holmium	165-2	4144937	4157848	4258537	4187107	1.49	cps
Indium	115-1	8130235	8196303	8288785	8205108	0.97	cps
Indium	115-2	1224120	1215169	1215713	1218334	0.41	cps
Iron	54-2	1167	739	694	867	30.09	cps
Iron	56-2	12151	9698	8097	9982	20.45	cps
Iron	57-2	378	411	356	381	7.33	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P8
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:35:24	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	867	917	850	878	3.95	cps
Lead	206-1	1406	1439	1133	1326	12.64	cps
Lead	207-1	961	1178	883	1007	15.15	cps
Lead	208-1	5212	5312	4445	4990	9.51	cps
Lithium	6-1	2707847	2838672	2770729	2772416	2.36	cps
Magnesium	24-2	875	833	850	853	2.46	cps
Manganese	55-2	333	223	227	261	23.96	cps
Molybdenum	94-1	650	625	517	597	11.87	cps
Molybdenum	95-1	825	750	383	653	36.21	cps
Molybdenum	96-1	792	575	525	631	22.48	cps
Molybdenum	97-1	417	417	200	344	36.32	cps
Molybdenum	98-1	908	900	917	908	0.92	cps
Neodymium	150-1	33	13	20	22	45.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	110	73	83	89	21.33	cps
Phosphorus	31-2	42	158	117	106	56.01	cps
Potassium	39-2	18537	19497	19472	19169	2.85	cps
Rhodium	103-1	7888336	7969978	8119228	7992514	1.46	cps
Rhodium	103-2	3689906	3754002	3750904	3731604	0.97	cps
Scandium	45-1	6666642	6796744	6645267	6702884	1.22	cps
Scandium	45-2	186262	190149	190130	188847	1.19	cps
Selenium	82-1	31	-79	30	-6	-1091.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	57	53	52	11.84	cps
Silicon	28-1	593963	599422	597583	596989	0.47	cps
Silver	107-1	283	217	283	261	14.74	cps
Silver	109-1	300	242	317	286	13.77	cps
Sodium	23-2	17728	18479	18003	18070	2.10	cps
Strontium	86-1	1850	1575	1592	1672	9.22	cps
Strontium	88-1	3952	2492	2492	2979	28.30	cps
Sulfur	34-1	433141	424521	420330	425997	1.53	cps
Terbium	159-1	8935680	8828009	9054574	8939421	1.27	cps
Terbium	159-2	4126475	4136037	4014191	4092234	1.66	cps
Thallium	203-1	333	342	375	350	6.30	cps
Thallium	205-1	950	1058	808	939	13.35	cps
Tin	118-1	592	575	500	556	8.79	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P8
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:35:24	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	317	300	353	21.95	cps
Uranium	238-1	133	117	117	122	7.87	cps
Vanadium	51-2	17	10	23	17	39.99	cps
Ytterbium	172-1	33	17	33	28	34.63	cps
Ytterbium	172-2	28	28	22	26	12.38	cps
Ytterbium	176-1	858	767	867	831	6.68	cps
Ytterbium	176-2	5607	6118	6163	5963	5.18	cps
Yttrium	89-1	13493543	13433396	13429219	13452053	0.27	cps
Yttrium	89-2	1338962	1361738	1349852	1350184	0.84	cps
Zinc	66-2	220	167	183	190	14.36	cps
Zirconium	90-1	933	983	825	914	8.86	cps
Zirconium	91-1	200	208	200	203	2.37	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-07	Instrumnet Name :	P8
Client Sample ID :	MH1FA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:38:27	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	981671	979819	964662	975384	0.96	cps
Antimony	121-1	18104	18955	18772	18610	2.41	cps
Arsenic	75-2	6012	6178	5999	6063	1.65	cps
Barium	135-1	1001847	993905	1019243	1004999	1.29	cps
Barium	137-1	1767686	1801571	1750147	1773135	1.47	cps
Beryllium	9-1	3864	3612	3630	3702	3.80	cps
Bismuth	209-1	4940487	5047806	4954383	4980892	1.17	cps
Bismuth	209-2	2893375	2854465	2875970	2874604	0.68	cps
Boron	10-1	5828	6110	6328	6089	4.12	cps
Boron	11-1	28570	30341	31125	30012	4.36	cps
Bromine	81-1	29853	30464	29592	29970	1.50	cps
Cadmium	111-1	19227	19058	19442	19242	1.00	cps
Cadmium	106-1	5701	5693	6043	5812	3.44	cps
Cadmium	108-1	1463	1554	1383	1467	5.83	cps
Calcium	43-1	2306192	2285494	2282868	2291518	0.56	cps
Calcium	44-1	36739731	37489451	37047754	37092312	1.02	cps
Carbon	12-1	7746550	7886533	8039140	7890741	1.85	cps
Carbon	12-2	85248	82038	82801	83362	2.01	cps
Chlorine	35-1	22661102	29510781	34231311	28801065	20.20	cps
Chlorine	35-2	254662	276588	290573	273941	6.61	cps
Chromium	52-2	107229	107057	106483	106923	0.37	cps
Cobalt	59-2	79541	79427	78160	79042	0.97	cps
Copper	63-2	691797	697291	680970	690019	1.20	cps
Dysprosium	156-1	56204	55291	55608	55701	0.83	cps
Dysprosium	156-2	25458	24693	24700	24950	1.76	cps
Erbium	164-1	44576	45479	45086	45047	1.01	cps
Erbium	164-2	21037	20867	20426	20776	1.52	cps
Gadolinium	160-1	52002	52212	52554	52256	0.53	cps
Gadolinium	160-2	27435	26677	27024	27045	1.40	cps
Holmium	165-1	8915302	9225345	8958622	9033090	1.86	cps
Holmium	165-2	4295277	4378141	4340071	4337829	0.96	cps
Indium	115-1	8841538	8818311	8527954	8729268	2.00	cps
Indium	115-2	1268505	1274506	1269870	1270960	0.25	cps
Iron	54-2	4860857	4906543	4839135	4868845	0.71	cps
Iron	56-2	88629885	89746638	86844205	88406909	1.66	cps
Iron	57-2	2220179	2332745	2232533	2261819	2.73	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-07	Instrumnet Name :	P8
Client Sample ID :	MH1FA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:38:27	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	1060	853	960	10.78	cps
Lead	206-1	5967758	5944767	5847476	5920001	1.08	cps
Lead	207-1	5074582	5031298	5065132	5057004	0.45	cps
Lead	208-1	23088117	22978951	23257307	23108125	0.61	cps
Lithium	6-1	2861928	2893072	2889702	2881567	0.59	cps
Magnesium	24-2	1610900	1656578	1524999	1597492	4.18	cps
Manganese	55-2	2607443	2590175	2525021	2574213	1.69	cps
Molybdenum	94-1	22026	22385	22018	22143	0.95	cps
Molybdenum	95-1	13966	14725	15100	14597	3.96	cps
Molybdenum	96-1	19197	20566	21041	20268	4.72	cps
Molybdenum	97-1	9378	9328	9403	9370	0.41	cps
Molybdenum	98-1	23746	22794	22953	23164	2.20	cps
Neodymium	150-1	93222	94766	92585	93524	1.20	cps
Neodymium	150-2	31417	31477	30121	31005	2.47	cps
Nickel	60-2	61573	61251	59480	60768	1.85	cps
Phosphorus	31-2	13398	13215	13573	13395	1.34	cps
Potassium	39-2	954767	955777	934632	948392	1.26	cps
Rhodium	103-1	8141290	8186424	8470545	8266086	2.16	cps
Rhodium	103-2	3844596	3786697	3769737	3800343	1.03	cps
Scandium	45-1	7233672	7203399	7134209	7190427	0.71	cps
Scandium	45-2	203809	201000	200446	201752	0.89	cps
Selenium	82-1	316	171	424	304	41.73	cps
Selenium	77-2	123	110	153	129	17.22	cps
Selenium	78-2	182	184	160	175	7.59	cps
Silicon	28-1	7879558	7946834	8061463	7962619	1.16	cps
Silver	107-1	35012	35555	36734	35767	2.46	cps
Silver	109-1	33625	33634	34085	33781	0.78	cps
Sodium	23-2	161371	161875	158979	160741	0.96	cps
Strontium	86-1	985925	1029212	1023108	1012748	2.31	cps
Strontium	88-1	8312686	8593080	8587345	8497704	1.89	cps
Sulfur	34-1	467002	469962	465440	467468	0.49	cps
Terbium	159-1	9619455	9605765	9633870	9619697	0.15	cps
Terbium	159-2	4414820	4216184	4285657	4305554	2.34	cps
Thallium	203-1	4101	3876	3909	3962	3.07	cps
Thallium	205-1	9345	9429	9504	9426	0.84	cps
Tin	118-1	146303	146928	145285	146172	0.57	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-07	Instrumnet Name :	P8
Client Sample ID :	MH1FA4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:38:27	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	318950	325333	324901	323061	1.10	cps
Uranium	238-1	48477	47349	48244	48023	1.24	cps
Vanadium	51-2	138830	139169	138099	138699	0.39	cps
Ytterbium	172-1	13148	13115	13474	13246	1.50	cps
Ytterbium	172-2	7313	6946	7235	7165	2.70	cps
Ytterbium	176-1	8736	8953	8745	8812	1.39	cps
Ytterbium	176-2	10054	10393	10321	10256	1.74	cps
Yttrium	89-1	14901079	15332896	15195661	15143212	1.46	cps
Yttrium	89-2	1514897	1515878	1540829	1523868	0.96	cps
Zinc	66-2	809160	809070	802039	806756	0.51	cps
Zirconium	90-1	37652	38362	38053	38022	0.94	cps
Zirconium	91-1	8695	8828	8494	8672	1.94	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-08	Instrumnet Name :	P8
Client Sample ID :	MH1FA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:41:23	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	895657	895121	890991	893923	0.29	cps
Antimony	121-1	15250	15167	15334	15251	0.55	cps
Arsenic	75-2	5889	6089	5974	5984	1.68	cps
Barium	135-1	874127	866124	873694	871315	0.52	cps
Barium	137-1	1528086	1568167	1584692	1560315	1.87	cps
Beryllium	9-1	3082	3198	2990	3090	3.37	cps
Bismuth	209-1	4929424	4961829	4540878	4810710	4.87	cps
Bismuth	209-2	2885314	2898934	2961991	2915413	1.40	cps
Boron	10-1	5366	5444	5534	5448	1.54	cps
Boron	11-1	26543	26725	27725	26997	2.36	cps
Bromine	81-1	33565	32532	30274	32124	5.24	cps
Cadmium	111-1	16032	16758	16654	16481	2.38	cps
Cadmium	106-1	5518	5326	5410	5418	1.77	cps
Cadmium	108-1	1400	1146	1146	1231	11.93	cps
Calcium	43-1	2154627	2258594	2262561	2225261	2.75	cps
Calcium	44-1	34617180	36032375	35510011	35386522	2.02	cps
Carbon	12-1	6969629	6786575	6900520	6885575	1.34	cps
Carbon	12-2	74380	72480	72764	73208	1.40	cps
Chlorine	35-1	38689940	46619921	51572492	45627451	14.24	cps
Chlorine	35-2	350537	368660	381253	366817	4.21	cps
Chromium	52-2	62449	63035	62014	62499	0.82	cps
Cobalt	59-2	74675	75295	72932	74301	1.65	cps
Copper	63-2	567488	567187	557991	564222	0.96	cps
Dysprosium	156-1	56930	56194	55609	56244	1.18	cps
Dysprosium	156-2	25625	24833	25171	25209	1.58	cps
Erbium	164-1	45906	44743	45813	45487	1.42	cps
Erbium	164-2	20663	20793	20820	20759	0.40	cps
Gadolinium	160-1	50120	52420	51367	51303	2.24	cps
Gadolinium	160-2	27358	27057	27422	27279	0.71	cps
Holmium	165-1	9008182	8768790	8715124	8830699	1.77	cps
Holmium	165-2	4250760	4367926	4518155	4378947	3.06	cps
Indium	115-1	8677655	8612895	8098011	8462854	3.75	cps
Indium	115-2	1261169	1260453	1278348	1266656	0.80	cps
Iron	54-2	4107891	4141491	4139458	4129613	0.46	cps
Iron	56-2	75355488	72761154	72886843	73667829	1.99	cps
Iron	57-2	1862212	1900977	1904537	1889242	1.24	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-08	Instrumnet Name :	P8
Client Sample ID :	MH1FA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:41:23	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1030	950	974	4.95	cps
Lead	206-1	3309095	3255482	3250534	3271704	0.99	cps
Lead	207-1	2735079	2863126	2836463	2811556	2.40	cps
Lead	208-1	12743223	12996444	12783927	12841198	1.06	cps
Lithium	6-1	2831546	2739053	2627144	2732581	3.75	cps
Magnesium	24-2	1466798	1436107	1442009	1448304	1.12	cps
Manganese	55-2	2070870	2076289	2104006	2083721	0.85	cps
Molybdenum	94-1	19189	18296	19306	18930	2.92	cps
Molybdenum	95-1	14091	14041	13907	14013	0.68	cps
Molybdenum	96-1	18513	17770	17887	18057	2.21	cps
Molybdenum	97-1	8703	8336	8328	8456	2.53	cps
Molybdenum	98-1	22394	22060	22202	22218	0.75	cps
Neodymium	150-1	91544	91136	92170	91616	0.57	cps
Neodymium	150-2	30595	30852	30983	30810	0.64	cps
Nickel	60-2	55983	55849	56261	56031	0.37	cps
Phosphorus	31-2	11805	11730	11180	11572	2.95	cps
Potassium	39-2	809982	827184	810734	815967	1.19	cps
Rhodium	103-1	8369631	8511126	7986135	8288964	3.28	cps
Rhodium	103-2	3807998	3760513	3726977	3765163	1.08	cps
Scandium	45-1	7030506	7267286	6719455	7005749	3.92	cps
Scandium	45-2	204847	203447	202411	203569	0.60	cps
Selenium	82-1	347	244	289	294	17.65	cps
Selenium	77-2	163	123	117	134	18.77	cps
Selenium	78-2	164	162	168	165	1.86	cps
Silicon	28-1	7897723	7652537	7812323	7787527	1.60	cps
Silver	107-1	29574	28706	28464	28915	2.02	cps
Silver	109-1	28163	28288	27971	28140	0.57	cps
Sodium	23-2	170060	165358	165834	167084	1.55	cps
Strontium	86-1	960551	920972	958986	946836	2.37	cps
Strontium	88-1	8077077	8030830	8024305	8044071	0.36	cps
Sulfur	34-1	468547	473036	466787	469457	0.69	cps
Terbium	159-1	9537297	9526236	9186706	9416746	2.12	cps
Terbium	159-2	4287591	4294142	4293577	4291770	0.08	cps
Thallium	203-1	4059	3884	3909	3951	2.40	cps
Thallium	205-1	9462	9812	9412	9562	2.28	cps
Tin	118-1	116674	121674	116916	118421	2.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-08	Instrumnet Name :	P8
Client Sample ID :	MH1FA5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:41:23	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	263438	271913	266496	267282	1.61	cps
Uranium	238-1	47599	46244	45876	46573	1.95	cps
Vanadium	51-2	123989	124907	123401	124099	0.61	cps
Ytterbium	172-1	13065	13240	13432	13246	1.39	cps
Ytterbium	172-2	6896	6946	7063	6969	1.23	cps
Ytterbium	176-1	9020	9304	9095	9140	1.61	cps
Ytterbium	176-2	10516	10782	10560	10619	1.35	cps
Yttrium	89-1	15467563	15615949	14492716	15192076	4.02	cps
Yttrium	89-2	1562320	1557775	1533471	1551188	1.00	cps
Zinc	66-2	543913	553297	549818	549010	0.86	cps
Zirconium	90-1	29206	29081	30259	29515	2.19	cps
Zirconium	91-1	6777	6477	6293	6516	3.75	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-09	Instrumnet Name :	P8
Client Sample ID :	MH1FA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:44:16	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	926521	929584	922215	926106	0.40	cps
Antimony	121-1	11931	12398	12464	12264	2.37	cps
Arsenic	75-2	5240	5343	5380	5321	1.36	cps
Barium	135-1	764440	761833	779413	768562	1.23	cps
Barium	137-1	1328022	1351870	1330050	1336647	0.99	cps
Beryllium	9-1	2268	2490	2324	2360	4.89	cps
Bismuth	209-1	4918245	4942441	4873683	4911456	0.71	cps
Bismuth	209-2	2836587	2792907	2776724	2802072	1.11	cps
Boron	10-1	4040	4032	4260	4110	3.15	cps
Boron	11-1	20370	21125	21457	20984	2.65	cps
Bromine	81-1	33515	34869	36546	34977	4.34	cps
Cadmium	111-1	6225	6707	7309	6747	8.05	cps
Cadmium	106-1	4784	4559	4626	4656	2.48	cps
Cadmium	108-1	554	596	538	563	5.34	cps
Calcium	43-1	3018894	3035765	3018768	3024476	0.32	cps
Calcium	44-1	47641762	47696014	46935153	47424310	0.90	cps
Carbon	12-1	6882576	7038298	7267970	7062948	2.74	cps
Carbon	12-2	75553	76290	75110	75651	0.79	cps
Chlorine	35-1	47091723	51486512	53622832	50733689	6.56	cps
Chlorine	35-2	361443	374131	376672	370749	2.20	cps
Chromium	52-2	53630	53965	53677	53757	0.34	cps
Cobalt	59-2	63903	63206	63086	63398	0.70	cps
Copper	63-2	251661	252489	252103	252084	0.16	cps
Dysprosium	156-1	60355	59727	59567	59883	0.70	cps
Dysprosium	156-2	26430	27355	26747	26844	1.75	cps
Erbium	164-1	48281	47343	47160	47595	1.26	cps
Erbium	164-2	21932	22289	21855	22025	1.05	cps
Gadolinium	160-1	55450	54153	55709	55104	1.51	cps
Gadolinium	160-2	28778	28477	28267	28507	0.90	cps
Holmium	165-1	8966707	8851741	8358396	8725615	3.70	cps
Holmium	165-2	4352761	4338316	4147763	4279613	2.67	cps
Indium	115-1	8659040	8582522	8648462	8630008	0.48	cps
Indium	115-2	1274047	1278225	1259672	1270648	0.77	cps
Iron	54-2	3307510	3242327	3258815	3269551	1.04	cps
Iron	56-2	59055735	59468106	59260697	59261512	0.35	cps
Iron	57-2	1488781	1544176	1491784	1508247	2.07	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-09	Instrumnet Name :	P8
Client Sample ID :	MH1FA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:44:16	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	937	1257	1083	14.92	cps
Lead	206-1	940165	950784	949631	946860	0.62	cps
Lead	207-1	811295	778942	782117	790784	2.26	cps
Lead	208-1	3855390	3807522	3778543	3813818	1.02	cps
Lithium	6-1	2733586	2586182	2765179	2694982	3.55	cps
Magnesium	24-2	1552249	1601474	1580338	1578020	1.56	cps
Manganese	55-2	1074735	1069036	1060264	1068012	0.68	cps
Molybdenum	94-1	18897	17795	17762	18151	3.56	cps
Molybdenum	95-1	13907	14566	14867	14447	3.40	cps
Molybdenum	96-1	18997	19356	18888	19080	1.28	cps
Molybdenum	97-1	9262	9137	9128	9176	0.81	cps
Molybdenum	98-1	22185	22544	22978	22569	1.76	cps
Neodymium	150-1	99118	101045	100784	100316	1.04	cps
Neodymium	150-2	32165	33141	33084	32797	1.67	cps
Nickel	60-2	49211	48516	48031	48586	1.22	cps
Phosphorus	31-2	9237	9453	8895	9195	3.06	cps
Potassium	39-2	760546	762126	748103	756925	1.01	cps
Rhodium	103-1	8305447	8340209	8359823	8335160	0.33	cps
Rhodium	103-2	3850039	3918878	3760110	3843009	2.07	cps
Scandium	45-1	7236634	6990675	7142292	7123200	1.74	cps
Scandium	45-2	204387	202303	199864	202184	1.12	cps
Selenium	82-1	277	361	68	235	64.16	cps
Selenium	77-2	183	180	160	174	7.24	cps
Selenium	78-2	183	165	194	181	8.10	cps
Silicon	28-1	8099191	7989664	7945107	8011321	0.99	cps
Silver	107-1	9762	9820	9620	9734	1.06	cps
Silver	109-1	9795	9529	9395	9573	2.13	cps
Sodium	23-2	164673	164927	161050	163550	1.33	cps
Strontium	86-1	868629	860488	859230	862782	0.59	cps
Strontium	88-1	7419176	7324939	7452933	7399016	0.90	cps
Sulfur	34-1	477329	473779	470297	473802	0.74	cps
Terbium	159-1	9746709	9631604	9726455	9701589	0.63	cps
Terbium	159-2	4225035	4265675	4297664	4262791	0.85	cps
Thallium	203-1	3251	3125	3334	3237	3.24	cps
Thallium	205-1	7077	7577	7436	7363	3.50	cps
Tin	118-1	36784	36800	37920	37168	1.75	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-09	Instrumnet Name :	P8
Client Sample ID :	MH1FA6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:44:16	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	211885	219948	221386	217740	2.35	cps
Uranium	238-1	54987	51689	52794	53157	3.16	cps
Vanadium	51-2	141310	141727	139714	140917	0.75	cps
Ytterbium	172-1	12965	13407	13023	13132	1.83	cps
Ytterbium	172-2	7219	7341	6924	7161	2.99	cps
Ytterbium	176-1	8887	8786	9195	8956	2.38	cps
Ytterbium	176-2	10638	11661	10777	11025	5.03	cps
Yttrium	89-1	15392499	15450705	15461692	15434965	0.24	cps
Yttrium	89-2	1550934	1583105	1552626	1562221	1.16	cps
Zinc	66-2	166481	165971	163841	165431	0.85	cps
Zirconium	90-1	27904	28271	27595	27923	1.21	cps
Zirconium	91-1	5943	5918	6101	5988	1.66	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-10 Instrumnet Name : P8
 Client Sample ID : MH1FA7 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 15:47:12 DataFile Name : 091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1033327	1024536	1018505	1025456	0.73	cps
Antimony	121-1	17045	16777	18430	17417	5.09	cps
Arsenic	75-2	5719	5879	5717	5771	1.61	cps
Barium	135-1	1006422	1023262	1011549	1013744	0.85	cps
Barium	137-1	1753487	1811191	1737206	1767295	2.20	cps
Beryllium	9-1	3534	3726	3684	3648	2.77	cps
Bismuth	209-1	4830548	4998339	5176331	5001739	3.46	cps
Bismuth	209-2	2907337	2869544	2852257	2876380	0.98	cps
Boron	10-1	5632	5690	6056	5793	3.97	cps
Boron	11-1	27000	29143	30377	28840	5.93	cps
Bromine	81-1	29381	29050	31589	30007	4.60	cps
Cadmium	111-1	19877	19508	19886	19757	1.09	cps
Cadmium	106-1	5776	6093	5893	5921	2.71	cps
Cadmium	108-1	1571	1517	1592	1560	2.48	cps
Calcium	43-1	2377757	2307086	2225424	2303422	3.31	cps
Calcium	44-1	37860751	36864918	37501975	37409215	1.35	cps
Carbon	12-1	8162415	8220339	8456868	8279874	1.88	cps
Carbon	12-2	88921	88064	90353	89113	1.30	cps
Chlorine	35-1	46049300	49297283	52569788	49305457	6.61	cps
Chlorine	35-2	350156	357149	364978	357428	2.07	cps
Chromium	52-2	127613	127741	126539	127298	0.52	cps
Cobalt	59-2	80536	81210	80385	80711	0.54	cps
Copper	63-2	671470	683344	668335	674383	1.17	cps
Dysprosium	156-1	59734	59041	59182	59319	0.62	cps
Dysprosium	156-2	27799	27208	27094	27367	1.38	cps
Erbium	164-1	49267	49385	48230	48960	1.30	cps
Erbium	164-2	22656	22045	22963	22555	2.07	cps
Gadolinium	160-1	56797	54663	54722	55394	2.19	cps
Gadolinium	160-2	28908	29342	28801	29017	0.99	cps
Holmium	165-1	8936808	9131940	9046673	9038474	1.08	cps
Holmium	165-2	4173383	4416635	4458418	4349479	3.54	cps
Indium	115-1	8546987	8822458	8662757	8677401	1.59	cps
Indium	115-2	1257687	1263301	1265427	1262138	0.32	cps
Iron	54-2	4939390	5046386	5086581	5024119	1.51	cps
Iron	56-2	93625799	92383008	90779624	92262810	1.55	cps
Iron	57-2	2359956	2365401	2323496	2349618	0.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-10	Instrumnet Name :	P8
Client Sample ID :	MH1FA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:47:12	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	930	1093	1000	8.41	cps
Lead	206-1	4415638	4527137	4524017	4488931	1.41	cps
Lead	207-1	3722319	3978334	3784407	3828354	3.49	cps
Lead	208-1	17260307	17945694	17645996	17617332	1.95	cps
Lithium	6-1	2832047	2741150	2807757	2793651	1.68	cps
Magnesium	24-2	1816893	1788087	1819125	1808035	0.96	cps
Manganese	55-2	2828325	2866859	2802257	2832481	1.15	cps
Molybdenum	94-1	21559	21233	21951	21581	1.67	cps
Molybdenum	95-1	13899	13899	14425	14074	2.16	cps
Molybdenum	96-1	19481	19139	19239	19286	0.91	cps
Molybdenum	97-1	7727	8394	8595	8239	5.51	cps
Molybdenum	98-1	22385	22861	21500	22249	3.10	cps
Neodymium	150-1	101186	98044	97909	99046	1.87	cps
Neodymium	150-2	33054	32997	33281	33111	0.45	cps
Nickel	60-2	58249	58322	58379	58317	0.11	cps
Phosphorus	31-2	15759	16476	16218	16151	2.25	cps
Potassium	39-2	1027714	1012564	1005107	1015129	1.13	cps
Rhodium	103-1	8271660	8569679	8375347	8405562	1.80	cps
Rhodium	103-2	3772887	3802012	3811428	3795442	0.53	cps
Scandium	45-1	7172678	6924488	7542815	7213327	4.31	cps
Scandium	45-2	201358	202417	204381	202718	0.76	cps
Selenium	82-1	353	345	215	304	25.54	cps
Selenium	77-2	147	163	137	149	9.05	cps
Selenium	78-2	202	190	178	190	6.32	cps
Silicon	28-1	8403355	8699839	8550239	8551144	1.73	cps
Silver	107-1	36056	35004	35956	35672	1.63	cps
Silver	109-1	32873	34051	34477	33801	2.46	cps
Sodium	23-2	157505	158219	159889	158538	0.77	cps
Strontium	86-1	930675	924581	930158	928471	0.36	cps
Strontium	88-1	8100842	7837392	8153187	8030474	2.11	cps
Sulfur	34-1	468368	474173	471546	471362	0.62	cps
Terbium	159-1	9749664	9244639	9646926	9547076	2.80	cps
Terbium	159-2	4254123	4323906	4286222	4288084	0.81	cps
Thallium	203-1	3909	4017	3492	3806	7.28	cps
Thallium	205-1	8928	8987	9120	9012	1.09	cps
Tin	118-1	150372	151084	148419	149958	0.92	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-10	Instrumnet Name :	P8
Client Sample ID :	MH1FA7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:47:12	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	335402	339136	334995	336511	0.68	cps
Uranium	238-1	50561	51472	50359	50798	1.17	cps
Vanadium	51-2	137941	137375	136773	137363	0.43	cps
Ytterbium	172-1	14166	14333	14091	14197	0.87	cps
Ytterbium	172-2	7802	7480	7925	7736	2.97	cps
Ytterbium	176-1	9929	9904	9679	9837	1.40	cps
Ytterbium	176-2	10849	11394	10882	11042	2.77	cps
Yttrium	89-1	15408058	15174296	15708299	15430218	1.73	cps
Yttrium	89-2	1522067	1559465	1533659	1538397	1.24	cps
Zinc	66-2	797874	790810	790796	793160	0.51	cps
Zirconium	90-1	36992	37267	37351	37203	0.51	cps
Zirconium	91-1	8261	8286	7477	8008	5.74	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-11	Instrumnet Name :	P8
Client Sample ID :	MH1FA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:50:05	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	945746	939449	947198	944131	0.44	cps
Antimony	121-1	15201	16168	16018	15796	3.30	cps
Arsenic	75-2	6140	5985	6018	6048	1.35	cps
Barium	135-1	893017	906290	921582	906963	1.58	cps
Barium	137-1	1587833	1624552	1549074	1587153	2.38	cps
Beryllium	9-1	3510	3450	3382	3447	1.86	cps
Bismuth	209-1	4961692	4920883	4901065	4927880	0.63	cps
Bismuth	209-2	2873999	2807729	2944073	2875267	2.37	cps
Boron	10-1	4580	5130	5136	4949	6.45	cps
Boron	11-1	23672	24656	25247	24525	3.24	cps
Bromine	81-1	31448	32220	33013	32227	2.43	cps
Cadmium	111-1	18638	19648	18781	19022	2.87	cps
Cadmium	106-1	5385	5893	5851	5710	4.95	cps
Cadmium	108-1	1508	1479	1496	1495	0.98	cps
Calcium	43-1	2047238	2090674	2040157	2059356	1.33	cps
Calcium	44-1	32300188	33758295	32855932	32971472	2.23	cps
Carbon	12-1	7674277	7858885	7709425	7747529	1.27	cps
Carbon	12-2	81661	81024	80857	81180	0.52	cps
Chlorine	35-1	44772555	49987834	53701989	49487459	9.06	cps
Chlorine	35-2	352709	353824	364466	357000	1.82	cps
Chromium	52-2	79684	79674	80230	79863	0.40	cps
Cobalt	59-2	78582	77862	77375	77940	0.78	cps
Copper	63-2	1068809	1068809	1067382	1068333	0.08	cps
Dysprosium	156-1	59299	59274	56663	58412	2.59	cps
Dysprosium	156-2	25879	25344	25281	25501	1.29	cps
Erbium	164-1	46022	47963	47753	47246	2.25	cps
Erbium	164-2	21624	20576	20379	20860	3.21	cps
Gadolinium	160-1	52421	51501	52990	52304	1.44	cps
Gadolinium	160-2	27248	27278	27438	27321	0.37	cps
Holmium	165-1	8778232	8718180	9026957	8841123	1.85	cps
Holmium	165-2	4242670	4264596	4296348	4267871	0.63	cps
Indium	115-1	8695060	8785242	8583752	8688018	1.16	cps
Indium	115-2	1264740	1250598	1249141	1254826	0.69	cps
Iron	54-2	4379588	4357097	4364797	4367161	0.26	cps
Iron	56-2	80771224	79559263	77610027	79313505	2.01	cps
Iron	57-2	1997356	2023834	2006490	2009227	0.67	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-11	Instrumnet Name :	P8
Client Sample ID :	MH1FA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:50:05	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	913	857	966	14.75	cps
Lead	206-1	4180340	4209770	4072716	4154275	1.74	cps
Lead	207-1	3485245	3576157	3457993	3506465	1.76	cps
Lead	208-1	16009104	16295283	16017313	16107233	1.01	cps
Lithium	6-1	2709965	2706188	2628834	2681662	1.71	cps
Magnesium	24-2	1472915	1505829	1500359	1493034	1.18	cps
Manganese	55-2	2357396	2320348	2354457	2344067	0.88	cps
Molybdenum	94-1	20198	21801	21192	21064	3.84	cps
Molybdenum	95-1	12464	13257	12998	12906	3.13	cps
Molybdenum	96-1	18271	17395	17795	17820	2.46	cps
Molybdenum	97-1	7060	7819	7561	7480	5.16	cps
Molybdenum	98-1	18855	18972	18880	18902	0.33	cps
Neodymium	150-1	93312	95766	94377	94485	1.30	cps
Neodymium	150-2	31153	30966	30916	31012	0.40	cps
Nickel	60-2	68872	68491	70430	69264	1.48	cps
Phosphorus	31-2	10729	10329	11305	10788	4.55	cps
Potassium	39-2	857960	861020	863886	860955	0.34	cps
Rhodium	103-1	8025382	8695035	8403160	8374526	4.01	cps
Rhodium	103-2	3915220	3843826	3724982	3828009	2.51	cps
Scandium	45-1	7063670	7061551	6944249	7023156	0.97	cps
Scandium	45-2	204748	200237	202000	202328	1.12	cps
Selenium	82-1	128	349	394	290	49.03	cps
Selenium	77-2	123	177	153	151	17.69	cps
Selenium	78-2	153	163	163	160	3.62	cps
Silicon	28-1	7870032	7985910	7953884	7936609	0.75	cps
Silver	107-1	34452	34527	36148	35043	2.73	cps
Silver	109-1	33316	34109	34009	33812	1.28	cps
Sodium	23-2	157385	159718	158537	158547	0.74	cps
Strontium	86-1	837263	840973	845406	841214	0.48	cps
Strontium	88-1	7267581	7313517	7423384	7334827	1.09	cps
Sulfur	34-1	462970	450624	459679	457758	1.40	cps
Terbium	159-1	9444404	9539672	9757316	9580464	1.67	cps
Terbium	159-2	4131292	4222079	4212827	4188733	1.19	cps
Thallium	203-1	4518	4518	4318	4451	2.60	cps
Thallium	205-1	9921	10455	10079	10151	2.70	cps
Tin	118-1	145284	146635	145305	145742	0.53	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-11	Instrumnet Name :	P8
Client Sample ID :	MH1FA8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:50:05	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	291981	289275	292272	291176	0.57	cps
Uranium	238-1	43868	43559	43199	43542	0.77	cps
Vanadium	51-2	128514	130055	129063	129211	0.60	cps
Ytterbium	172-1	13315	14383	13040	13580	5.22	cps
Ytterbium	172-2	7436	7291	7297	7341	1.12	cps
Ytterbium	176-1	9470	9937	9245	9551	3.70	cps
Ytterbium	176-2	10415	10955	11255	10875	3.91	cps
Yttrium	89-1	15485886	15358536	15842259	15562227	1.61	cps
Yttrium	89-2	1576954	1538146	1550912	1555338	1.27	cps
Zinc	66-2	678675	665375	671411	671820	0.99	cps
Zirconium	90-1	37176	38863	39331	38457	2.95	cps
Zirconium	91-1	8269	7953	8695	8305	4.48	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-12 Instrumnet Name : P8
 Client Sample ID : MH1FA9 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 15:53:01 DataFile Name : 093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	916021	911967	911025	913004	0.29	cps
Antimony	121-1	12214	12223	12673	12370	2.12	cps
Arsenic	75-2	5771	5738	5732	5747	0.37	cps
Barium	135-1	700827	698448	689065	696113	0.89	cps
Barium	137-1	1199148	1178683	1186441	1188090	0.87	cps
Beryllium	9-1	2946	2862	2908	2905	1.45	cps
Bismuth	209-1	4793081	4772266	4770918	4778755	0.26	cps
Bismuth	209-2	2842086	2868677	2657785	2789516	4.12	cps
Boron	10-1	3812	4022	3926	3920	2.68	cps
Boron	11-1	19319	19954	20304	19859	2.51	cps
Bromine	81-1	30093	33113	33254	32153	5.55	cps
Cadmium	111-1	13709	13588	13911	13736	1.19	cps
Cadmium	106-1	4959	5418	5026	5134	4.83	cps
Cadmium	108-1	1104	1088	1004	1065	5.03	cps
Calcium	43-1	1447878	1463214	1448595	1453229	0.60	cps
Calcium	44-1	22868025	22745334	23045079	22886146	0.66	cps
Carbon	12-1	7779713	7756018	7765161	7766964	0.15	cps
Carbon	12-2	84670	82490	83899	83686	1.32	cps
Chlorine	35-1	46308571	51332472	53859182	50500075	7.61	cps
Chlorine	35-2	371507	381238	395997	382914	3.22	cps
Chromium	52-2	52058	50823	51650	51510	1.22	cps
Cobalt	59-2	66843	67814	68457	67705	1.20	cps
Copper	63-2	476363	479166	468436	474655	1.17	cps
Dysprosium	156-1	59266	59308	59132	59235	0.15	cps
Dysprosium	156-2	26309	26523	26369	26401	0.42	cps
Erbium	164-1	46992	49116	47736	47948	2.25	cps
Erbium	164-2	22215	21498	21768	21827	1.66	cps
Gadolinium	160-1	54236	54857	54052	54382	0.78	cps
Gadolinium	160-2	28504	28313	28126	28315	0.67	cps
Holmium	165-1	8828625	8877408	8861364	8855799	0.28	cps
Holmium	165-2	4191448	4321839	4006917	4173401	3.79	cps
Indium	115-1	8469193	8481402	8214487	8388360	1.80	cps
Indium	115-2	1255515	1253481	1169912	1226303	3.98	cps
Iron	54-2	3440837	3513416	3548969	3501074	1.57	cps
Iron	56-2	64848614	64033786	63464361	64115587	1.09	cps
Iron	57-2	1676344	1610891	1586333	1624523	2.86	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-12	Instrumnet Name :	P8
Client Sample ID :	MH1FA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:53:01	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	1060	937	1003	6.21	cps
Lead	206-1	2414686	2521212	2463306	2466401	2.16	cps
Lead	207-1	2063353	2120681	2055469	2079834	1.71	cps
Lead	208-1	9461687	9678907	9432129	9524241	1.41	cps
Lithium	6-1	2825734	2790855	2838776	2818455	0.88	cps
Magnesium	24-2	1345864	1380407	1389274	1371848	1.67	cps
Manganese	55-2	1561560	1604732	1591469	1585920	1.39	cps
Molybdenum	94-1	18329	17820	18104	18084	1.41	cps
Molybdenum	95-1	11205	11572	12047	11608	3.64	cps
Molybdenum	96-1	15609	15284	15493	15462	1.07	cps
Molybdenum	97-1	7052	7060	7119	7077	0.51	cps
Molybdenum	98-1	19022	18738	18254	18671	2.08	cps
Neodymium	150-1	98077	97527	100381	98662	1.53	cps
Neodymium	150-2	32850	33826	32814	33163	1.73	cps
Nickel	60-2	47074	46813	47716	47201	0.98	cps
Phosphorus	31-2	7686	7652	7852	7730	1.39	cps
Potassium	39-2	864219	871791	877761	871257	0.78	cps
Rhodium	103-1	8353628	8113323	8194211	8220387	1.49	cps
Rhodium	103-2	3915990	3939829	3600642	3818820	4.96	cps
Scandium	45-1	7079754	7042197	7261980	7127977	1.65	cps
Scandium	45-2	203800	202976	189532	198769	4.03	cps
Selenium	82-1	198	164	301	221	32.35	cps
Selenium	77-2	107	177	163	149	24.96	cps
Selenium	78-2	163	190	168	174	8.27	cps
Silicon	28-1	7844567	7622569	7783803	7750313	1.48	cps
Silver	107-1	25549	26192	26142	25961	1.38	cps
Silver	109-1	23888	25090	23846	24275	2.91	cps
Sodium	23-2	189582	192289	191230	191033	0.71	cps
Strontium	86-1	692832	703672	693602	696702	0.87	cps
Strontium	88-1	5878480	6114845	5913749	5969024	2.14	cps
Sulfur	34-1	453347	457036	450541	453641	0.72	cps
Terbium	159-1	9512383	9517587	9384966	9471645	0.79	cps
Terbium	159-2	4237024	4237262	4048407	4174231	2.61	cps
Thallium	203-1	4376	3942	3776	4031	7.69	cps
Thallium	205-1	9362	10254	9445	9687	5.09	cps
Tin	118-1	90971	94857	95281	93703	2.54	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-12	Instrumnet Name :	P8
Client Sample ID :	MH1FA9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:53:01	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	254638	258857	256403	256633	0.83	cps
Uranium	238-1	38485	36554	36595	37211	2.96	cps
Vanadium	51-2	122085	121286	122742	122038	0.60	cps
Ytterbium	172-1	13174	13340	13199	13238	0.68	cps
Ytterbium	172-2	7447	7441	7408	7432	0.28	cps
Ytterbium	176-1	9454	9812	9729	9665	1.94	cps
Ytterbium	176-2	10515	10877	10082	10491	3.79	cps
Yttrium	89-1	15361151	15181352	14877363	15139955	1.62	cps
Yttrium	89-2	1602517	1537479	1464787	1534928	4.49	cps
Zinc	66-2	292770	289885	286917	289857	1.01	cps
Zirconium	90-1	32439	32840	32489	32589	0.67	cps
Zirconium	91-1	7235	7469	7169	7291	2.16	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-13	Instrumnet Name :	P8
Client Sample ID :	MH1FB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:55:54	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	978499	986596	968122	977739	0.95	cps
Antimony	121-1	9003	9562	9662	9409	3.77	cps
Arsenic	75-2	5466	5240	5326	5344	2.14	cps
Barium	135-1	740439	726723	736448	734537	0.96	cps
Barium	137-1	1275202	1249073	1293058	1272445	1.74	cps
Beryllium	9-1	2852	2836	2668	2785	3.66	cps
Bismuth	209-1	4940956	4764820	4881755	4862510	1.84	cps
Bismuth	209-2	2850286	2759161	2826436	2811961	1.68	cps
Boron	10-1	2594	2554	2742	2630	3.77	cps
Boron	11-1	12887	12761	13518	13055	3.10	cps
Bromine	81-1	31197	30866	31699	31254	1.34	cps
Cadmium	111-1	8836	8517	8775	8709	1.94	cps
Cadmium	106-1	4551	4626	4443	4540	2.03	cps
Cadmium	108-1	746	646	675	689	7.47	cps
Calcium	43-1	1354248	1378502	1355755	1362835	1.00	cps
Calcium	44-1	22056904	22478915	21985969	22173929	1.20	cps
Carbon	12-1	5226917	5288444	5558283	5357881	3.29	cps
Carbon	12-2	56727	56526	54988	56080	1.70	cps
Chlorine	35-1	53094964	58238860	60595235	57309686	6.69	cps
Chlorine	35-2	393547	401464	406370	400460	1.62	cps
Chromium	52-2	50255	50101	49683	50013	0.59	cps
Cobalt	59-2	68510	68001	68102	68205	0.40	cps
Copper	63-2	293738	289286	288898	290641	0.93	cps
Dysprosium	156-1	66986	67146	67254	67129	0.20	cps
Dysprosium	156-2	30391	30435	30124	30317	0.55	cps
Erbium	164-1	58496	54437	56262	56399	3.61	cps
Erbium	164-2	24640	24520	24459	24539	0.37	cps
Gadolinium	160-1	60396	63637	63168	62400	2.81	cps
Gadolinium	160-2	33395	33385	32112	32964	2.24	cps
Holmium	165-1	9093539	9012125	8907867	9004511	1.03	cps
Holmium	165-2	4237757	4277544	4338168	4284490	1.18	cps
Indium	115-1	8397070	8532332	8583033	8504145	1.13	cps
Indium	115-2	1249672	1248670	1234682	1244342	0.67	cps
Iron	54-2	3253132	3215066	3289357	3252518	1.14	cps
Iron	56-2	59361151	60885800	58578861	59608604	1.97	cps
Iron	57-2	1529545	1559688	1501102	1530112	1.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-13	Instrumnet Name :	P8
Client Sample ID :	MH1FB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:55:54	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1127	1053	1063	1081	3.68	cps
Lead	206-1	893172	906587	888225	895994	1.06	cps
Lead	207-1	746729	767439	757392	757187	1.37	cps
Lead	208-1	3693279	3668461	3655965	3672568	0.52	cps
Lithium	6-1	2794277	2832015	2654928	2760407	3.38	cps
Magnesium	24-2	1502390	1483918	1484725	1490344	0.70	cps
Manganese	55-2	1096771	1084511	1069529	1083604	1.26	cps
Molybdenum	94-1	15184	15217	16093	15498	3.33	cps
Molybdenum	95-1	12030	11839	11955	11942	0.81	cps
Molybdenum	96-1	16110	15726	15951	15929	1.21	cps
Molybdenum	97-1	7352	7711	7927	7663	3.79	cps
Molybdenum	98-1	19406	19957	18696	19353	3.26	cps
Neodymium	150-1	112333	114936	116186	114485	1.72	cps
Neodymium	150-2	37763	38141	36710	37538	1.97	cps
Nickel	60-2	46596	45773	46496	46288	0.97	cps
Phosphorus	31-2	7210	7427	7444	7360	1.77	cps
Potassium	39-2	844718	844308	833200	840742	0.78	cps
Rhodium	103-1	8129428	8258584	8207818	8198610	0.79	cps
Rhodium	103-2	3728798	3959572	3787992	3825454	3.13	cps
Scandium	45-1	7025748	7061537	7184972	7090752	1.18	cps
Scandium	45-2	201086	198949	196224	198753	1.23	cps
Selenium	82-1	100	155	191	149	30.90	cps
Selenium	77-2	213	193	150	186	17.45	cps
Selenium	78-2	152	174	201	176	13.97	cps
Silicon	28-1	7818934	8179908	7877521	7958788	2.43	cps
Silver	107-1	11822	12431	11847	12033	2.86	cps
Silver	109-1	10963	11689	11430	11361	3.24	cps
Sodium	23-2	138924	135727	135626	136759	1.37	cps
Strontium	86-1	502218	509698	492238	501385	1.75	cps
Strontium	88-1	4353101	4242872	4264040	4286671	1.36	cps
Sulfur	34-1	443299	450250	446355	446635	0.78	cps
Terbium	159-1	9190259	9500361	9605710	9432110	2.29	cps
Terbium	159-2	4240656	4284398	4182260	4235771	1.21	cps
Thallium	203-1	3842	3734	3776	3784	1.44	cps
Thallium	205-1	9145	9387	8962	9165	2.33	cps
Tin	118-1	26894	27662	27603	27386	1.56	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-13	Instrumnet Name :	P8
Client Sample ID :	MH1FB0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:55:54	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	193936	195254	200779	196656	1.85	cps
Uranium	238-1	38259	38635	39378	38758	1.47	cps
Vanadium	51-2	129930	131370	127036	129445	1.71	cps
Ytterbium	172-1	15818	16094	15059	15657	3.42	cps
Ytterbium	172-2	7836	8525	9020	8460	7.03	cps
Ytterbium	176-1	10354	11472	10638	10821	5.37	cps
Ytterbium	176-2	10832	11110	11555	11166	3.27	cps
Yttrium	89-1	15536855	14874944	15102933	15171577	2.22	cps
Yttrium	89-2	1552063	1529196	1534396	1538552	0.78	cps
Zinc	66-2	116706	118186	116316	117070	0.84	cps
Zirconium	90-1	27109	25015	24355	25493	5.64	cps
Zirconium	91-1	5026	5501	5560	5362	5.46	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-14	Instrumnet Name :	P8
Client Sample ID :	MH1FB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:58:51	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458469	456921	453378	456256	0.57	cps
Antimony	121-1	10679	10129	10554	10454	2.76	cps
Arsenic	75-2	4946	4858	4834	4880	1.21	cps
Barium	135-1	628700	641076	627151	632309	1.21	cps
Barium	137-1	1091396	1071392	1095517	1086102	1.19	cps
Beryllium	9-1	2650	2598	2684	2644	1.64	cps
Bismuth	209-1	4774260	4793062	4513066	4693462	3.33	cps
Bismuth	209-2	2793242	2705697	2740800	2746579	1.60	cps
Boron	10-1	4740	5100	5172	5004	4.63	cps
Boron	11-1	23528	24648	26214	24797	5.44	cps
Bromine	81-1	28197	26683	26833	27238	3.06	cps
Cadmium	111-1	5594	5513	5711	5606	1.78	cps
Cadmium	106-1	4509	4409	4317	4412	2.17	cps
Cadmium	108-1	583	625	733	647	11.96	cps
Calcium	43-1	9050718	9385483	9260943	9232381	1.83	cps
Calcium	44-1	149617868	147739388	148345307	148567521	0.65	cps
Carbon	12-1	6911127	6797988	7147957	6952357	2.57	cps
Carbon	12-2	77697	76081	77329	77036	1.10	cps
Chlorine	35-1	51722221	59861022	64176406	58586550	10.79	cps
Chlorine	35-2	446249	453971	461027	453749	1.63	cps
Chromium	52-2	151709	153044	153133	152628	0.52	cps
Cobalt	59-2	52477	51737	52684	52299	0.95	cps
Copper	63-2	417736	417265	413140	416047	0.61	cps
Dysprosium	156-1	41181	41875	42644	41900	1.75	cps
Dysprosium	156-2	19251	18960	19565	19258	1.57	cps
Erbium	164-1	32390	34061	33785	33412	2.68	cps
Erbium	164-2	15296	15529	15029	15284	1.64	cps
Gadolinium	160-1	39158	39267	39108	39178	0.21	cps
Gadolinium	160-2	21027	21618	20876	21174	1.85	cps
Holmium	165-1	8963198	8941004	8716788	8873663	1.54	cps
Holmium	165-2	4296256	4300357	4307043	4301219	0.13	cps
Indium	115-1	8357917	8568304	8379397	8435206	1.37	cps
Indium	115-2	1238398	1236824	1240858	1238694	0.16	cps
Iron	54-2	2273162	2237993	2238985	2250047	0.89	cps
Iron	56-2	39803498	40155745	39802630	39920625	0.51	cps
Iron	57-2	995345	989209	992498	992351	0.31	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-14	Instrumnet Name :	P8
Client Sample ID :	MH1FB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:58:51	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1140	953	1044	8.94	cps
Lead	206-1	1065763	1063871	1076650	1068761	0.65	cps
Lead	207-1	877413	900819	894781	891004	1.36	cps
Lead	208-1	4306228	4320189	4277538	4301318	0.51	cps
Lithium	6-1	2820038	2739304	2786254	2781865	1.46	cps
Magnesium	24-2	27580979	28207792	27091151	27626641	2.03	cps
Manganese	55-2	3041403	3116542	3048118	3068688	1.35	cps
Molybdenum	94-1	15269	14041	14299	14536	4.45	cps
Molybdenum	95-1	10496	10046	10496	10346	2.51	cps
Molybdenum	96-1	13415	13524	14024	13654	2.38	cps
Molybdenum	97-1	6085	6227	6577	6296	4.02	cps
Molybdenum	98-1	15726	16277	16001	16001	1.72	cps
Neodymium	150-1	68642	69895	68649	69062	1.04	cps
Neodymium	150-2	22733	22623	23110	22822	1.12	cps
Nickel	60-2	33516	32968	33536	33340	0.97	cps
Phosphorus	31-2	9553	9420	9445	9473	0.75	cps
Potassium	39-2	421834	417189	420633	419885	0.57	cps
Rhodium	103-1	7962858	8125286	7942644	8010263	1.25	cps
Rhodium	103-2	3769527	3825063	3736376	3776989	1.19	cps
Scandium	45-1	7084245	7290359	7270654	7215086	1.58	cps
Scandium	45-2	198926	202660	201996	201194	0.99	cps
Selenium	82-1	144	120	215	160	31.04	cps
Selenium	77-2	150	117	113	127	16.00	cps
Selenium	78-2	143	146	118	136	11.33	cps
Silicon	28-1	12578994	12291616	12734576	12535062	1.79	cps
Silver	107-1	9062	9545	9854	9487	4.21	cps
Silver	109-1	9020	8536	9128	8895	3.54	cps
Sodium	23-2	163605	166324	165103	165011	0.83	cps
Strontium	86-1	521183	516450	527122	521585	1.03	cps
Strontium	88-1	4550992	4437198	4558930	4515706	1.51	cps
Sulfur	34-1	480965	494072	492152	489063	1.45	cps
Terbium	159-1	9272545	9822448	9404241	9499744	3.02	cps
Terbium	159-2	4278193	4179432	4353176	4270267	2.04	cps
Thallium	203-1	1667	1875	1800	1781	5.93	cps
Thallium	205-1	3776	4134	4234	4048	5.96	cps
Tin	118-1	36508	33709	37452	35890	5.42	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-14	Instrumnet Name :	P8
Client Sample ID :	MH1FB1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 15:58:51	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	214965	216825	222853	218214	1.89	cps
Uranium	238-1	35601	34941	35551	35364	1.04	cps
Vanadium	51-2	87311	84541	85095	85649	1.71	cps
Ytterbium	172-1	7961	8353	8703	8339	4.45	cps
Ytterbium	172-2	4390	4551	4568	4503	2.18	cps
Ytterbium	176-1	5826	6110	5710	5882	3.50	cps
Ytterbium	176-2	9214	9148	8842	9068	2.19	cps
Yttrium	89-1	15040878	15029744	14915931	14995518	0.46	cps
Yttrium	89-2	1512499	1540096	1499872	1517489	1.36	cps
Zinc	66-2	246290	244072	250084	246815	1.23	cps
Zirconium	90-1	22636	22678	25719	23678	7.47	cps
Zirconium	91-1	5235	5460	5785	5493	5.04	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-15	Instrumnet Name :	P8
Client Sample ID :	MH1FB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:01:46	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667115	680849	669708	672557	1.08	cps
Antimony	121-1	13849	13040	13949	13613	3.66	cps
Arsenic	75-2	6137	6143	6319	6200	1.67	cps
Barium	135-1	794375	811057	804883	803438	1.05	cps
Barium	137-1	1362662	1361712	1370004	1364792	0.33	cps
Beryllium	9-1	3042	3114	3058	3071	1.23	cps
Bismuth	209-1	4747288	4767106	4772853	4762416	0.28	cps
Bismuth	209-2	2799381	2502812	2737222	2679805	5.84	cps
Boron	10-1	4618	4628	4808	4685	2.28	cps
Boron	11-1	21700	22413	23472	22528	3.96	cps
Bromine	81-1	28138	28167	27696	28000	0.94	cps
Cadmium	111-1	10474	10957	10725	10719	2.25	cps
Cadmium	106-1	5059	5168	4951	5059	2.14	cps
Cadmium	108-1	963	813	904	893	8.47	cps
Calcium	43-1	6659748	6646536	6665391	6657225	0.15	cps
Calcium	44-1	110129719	105597840	110760190	108829250	2.59	cps
Carbon	12-1	7313131	7651566	7488026	7484241	2.26	cps
Carbon	12-2	80495	78945	76868	78770	2.31	cps
Chlorine	35-1	50115156	54195403	58305368	54205309	7.55	cps
Chlorine	35-2	382125	387774	387508	385802	0.83	cps
Chromium	52-2	142123	144435	142812	143123	0.83	cps
Cobalt	59-2	62959	64860	64017	63945	1.49	cps
Copper	63-2	515906	529216	527471	524198	1.38	cps
Dysprosium	156-1	54127	51133	52052	52437	2.93	cps
Dysprosium	156-2	23371	23497	23618	23495	0.53	cps
Erbium	164-1	41040	42661	41917	41872	1.94	cps
Erbium	164-2	18577	19174	18657	18802	1.73	cps
Gadolinium	160-1	48204	48138	48799	48380	0.75	cps
Gadolinium	160-2	24720	25418	25705	25281	2.00	cps
Holmium	165-1	9012198	8875346	9090880	8992808	1.21	cps
Holmium	165-2	4391551	4045689	4203344	4213528	4.11	cps
Indium	115-1	8521264	8858095	8277677	8552345	3.41	cps
Indium	115-2	1300453	1119171	1224410	1214678	7.49	cps
Iron	54-2	3269844	3493807	3439221	3400957	3.43	cps
Iron	56-2	60927385	63249967	60088304	61421885	2.67	cps
Iron	57-2	1545945	1606245	1590124	1580772	1.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-15	Instrumnet Name :	P8
Client Sample ID :	MH1FB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:01:46	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	1037	977	1012	3.11	cps
Lead	206-1	1833522	1943973	1917447	1898314	3.04	cps
Lead	207-1	1581436	1504288	1582234	1555986	2.88	cps
Lead	208-1	7358892	7358018	7480921	7399277	0.96	cps
Lithium	6-1	2955599	2830586	2819714	2868633	2.63	cps
Magnesium	24-2	16828431	17382196	16993846	17068158	1.67	cps
Manganese	55-2	2908315	2941555	2867585	2905818	1.27	cps
Molybdenum	94-1	17053	17361	17386	17267	1.08	cps
Molybdenum	95-1	14316	14249	14725	14430	1.78	cps
Molybdenum	96-1	18263	17987	18204	18151	0.80	cps
Molybdenum	97-1	8403	8695	9028	8709	3.59	cps
Molybdenum	98-1	22502	22335	21960	22266	1.25	cps
Neodymium	150-1	86444	86868	87061	86791	0.36	cps
Neodymium	150-2	27665	29048	27675	28130	2.83	cps
Nickel	60-2	49787	50643	50178	50203	0.85	cps
Phosphorus	31-2	10104	10087	10187	10126	0.53	cps
Potassium	39-2	527040	523453	514491	521661	1.24	cps
Rhodium	103-1	8111696	8049429	8058912	8073346	0.42	cps
Rhodium	103-2	3801539	3443694	3707444	3650893	5.08	cps
Scandium	45-1	7414861	7079178	6974718	7156252	3.21	cps
Scandium	45-2	203172	178514	194190	191959	6.50	cps
Selenium	82-1	239	217	286	247	14.21	cps
Selenium	77-2	200	140	147	162	20.27	cps
Selenium	78-2	165	147	159	157	5.84	cps
Silicon	28-1	10231852	10463248	10494145	10396415	1.38	cps
Silver	107-1	16193	15643	16093	15976	1.84	cps
Silver	109-1	15226	15251	15284	15253	0.19	cps
Sodium	23-2	152796	152536	152526	152619	0.10	cps
Strontium	86-1	650882	657384	674090	660786	1.81	cps
Strontium	88-1	5701165	5589424	5721577	5670722	1.25	cps
Sulfur	34-1	490176	488921	494253	491116	0.57	cps
Terbium	159-1	9650752	9530334	9598131	9593072	0.63	cps
Terbium	159-2	4208903	3900539	4164194	4091212	4.07	cps
Thallium	203-1	2917	2809	2775	2834	2.61	cps
Thallium	205-1	6335	6860	6777	6657	4.24	cps
Tin	118-1	55371	55171	54861	55134	0.47	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-15	Instrumnet Name :	P8
Client Sample ID :	MH1FB2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:01:46	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267743	262089	258594	262809	1.76	cps
Uranium	238-1	44562	45315	45575	45151	1.16	cps
Vanadium	51-2	114397	116077	114040	114838	0.95	cps
Ytterbium	172-1	10963	11714	11138	11272	3.48	cps
Ytterbium	172-2	5824	5596	6402	5940	6.99	cps
Ytterbium	176-1	7577	7544	8078	7733	3.87	cps
Ytterbium	176-2	9492	9704	10054	9750	2.91	cps
Yttrium	89-1	15206335	15217536	14875043	15099638	1.29	cps
Yttrium	89-2	1580697	1357891	1516140	1484909	7.72	cps
Zinc	66-2	355233	360990	359836	358686	0.85	cps
Zirconium	90-1	26518	24890	25975	25794	3.21	cps
Zirconium	91-1	5418	6002	5768	5729	5.13	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-16 Instrumnet Name : P8
 Client Sample ID : MH1FB3 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 16:04:42 DataFile Name : 097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	864708	866418	862607	864578	0.22	cps
Antimony	121-1	17537	17971	17821	17776	1.24	cps
Arsenic	75-2	8160	8248	8051	8153	1.21	cps
Barium	135-1	814276	824276	832768	823773	1.12	cps
Barium	137-1	1388153	1433899	1407636	1409896	1.63	cps
Beryllium	9-1	3170	3196	3280	3215	1.79	cps
Bismuth	209-1	4923932	4735307	5040223	4899821	3.14	cps
Bismuth	209-2	2806705	2842086	2825923	2824905	0.63	cps
Boron	10-1	3272	3242	3486	3333	3.99	cps
Boron	11-1	15689	16468	16594	16250	3.02	cps
Bromine	81-1	30284	29842	30685	30271	1.39	cps
Cadmium	111-1	15431	15507	15478	15472	0.25	cps
Cadmium	106-1	5685	5435	5485	5535	2.39	cps
Cadmium	108-1	1317	1154	1125	1199	8.62	cps
Calcium	43-1	3243672	3206312	3161940	3203975	1.28	cps
Calcium	44-1	50514033	51298883	51521770	51111562	1.04	cps
Carbon	12-1	5820003	6065642	6143504	6009716	2.81	cps
Carbon	12-2	62350	63245	62350	62648	0.82	cps
Chlorine	35-1	47853978	52032054	54883632	51589888	6.85	cps
Chlorine	35-2	356298	364932	366705	362645	1.54	cps
Chromium	52-2	72965	71568	72409	72314	0.97	cps
Cobalt	59-2	74179	74145	73043	73789	0.88	cps
Copper	63-2	654646	665230	646588	655488	1.43	cps
Dysprosium	156-1	58462	57977	60898	59112	2.65	cps
Dysprosium	156-2	25915	26246	25975	26045	0.68	cps
Erbium	164-1	46198	47887	46524	46870	1.91	cps
Erbium	164-2	20917	21114	21057	21029	0.48	cps
Gadolinium	160-1	51911	53650	52271	52611	1.75	cps
Gadolinium	160-2	27331	27588	27886	27602	1.01	cps
Holmium	165-1	9075198	9139156	8971898	9062084	0.93	cps
Holmium	165-2	4279687	4367113	4287999	4311600	1.12	cps
Indium	115-1	8542373	8671244	8862620	8692079	1.85	cps
Indium	115-2	1239342	1240716	1240234	1240097	0.06	cps
Iron	54-2	4424409	4509906	4435327	4456547	1.04	cps
Iron	56-2	81663621	79946271	80741096	80783663	1.06	cps
Iron	57-2	2068072	2087863	2081263	2079066	0.48	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-16	Instrumnet Name :	P8
Client Sample ID :	MH1FB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:04:42	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	987	1013	1019	3.47	cps
Lead	206-1	2640560	2815710	2711397	2722556	3.24	cps
Lead	207-1	2204525	2299540	2281875	2261980	2.23	cps
Lead	208-1	10212901	10538015	10571717	10440878	1.90	cps
Lithium	6-1	2874062	2877474	2817711	2856416	1.17	cps
Magnesium	24-2	3508448	3523158	3550557	3527388	0.61	cps
Manganese	55-2	1839454	1890827	1876134	1868805	1.42	cps
Molybdenum	94-1	18655	18630	17695	18327	2.98	cps
Molybdenum	95-1	15809	15242	15342	15465	1.96	cps
Molybdenum	96-1	20098	20432	19623	20051	2.03	cps
Molybdenum	97-1	9570	9629	9403	9534	1.23	cps
Molybdenum	98-1	24656	23821	23980	24152	1.84	cps
Neodymium	150-1	93780	96989	97062	95943	1.95	cps
Neodymium	150-2	32272	31988	30973	31744	2.15	cps
Nickel	60-2	57312	56448	56766	56842	0.77	cps
Phosphorus	31-2	8027	7952	8202	8061	1.59	cps
Potassium	39-2	571052	574731	577006	574263	0.52	cps
Rhodium	103-1	8258173	8368467	7931245	8185962	2.78	cps
Rhodium	103-2	3804917	3723214	3797513	3775215	1.20	cps
Scandium	45-1	6920151	7074407	6996598	6997052	1.10	cps
Scandium	45-2	197093	198686	196606	197462	0.55	cps
Selenium	82-1	235	309	200	248	22.35	cps
Selenium	77-2	147	133	173	151	13.48	cps
Selenium	78-2	156	172	143	157	9.25	cps
Silicon	28-1	8236079	8096265	7878610	8070318	2.23	cps
Silver	107-1	26268	25708	26409	26128	1.42	cps
Silver	109-1	24906	23996	25533	24812	3.11	cps
Sodium	23-2	115396	114380	113162	114312	0.98	cps
Strontium	86-1	726089	727177	728252	727173	0.15	cps
Strontium	88-1	6052491	6046164	6235476	6111377	1.76	cps
Sulfur	34-1	462435	463961	468710	465035	0.70	cps
Terbium	159-1	9686618	9539890	9775956	9667488	1.23	cps
Terbium	159-2	4234561	4415568	4200527	4283552	2.70	cps
Thallium	203-1	3926	3826	4192	3981	4.76	cps
Thallium	205-1	9470	9696	10138	9768	3.47	cps
Tin	118-1	81535	84814	83698	83349	2.00	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-16	Instrumnet Name :	P8
Client Sample ID :	MH1FB3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:04:42	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	259839	264345	255810	259998	1.64	cps
Uranium	238-1	46620	45800	47223	46548	1.53	cps
Vanadium	51-2	144622	143424	142492	143513	0.74	cps
Ytterbium	172-1	13457	13724	13991	13724	1.94	cps
Ytterbium	172-2	6969	7013	7691	7224	5.61	cps
Ytterbium	176-1	9178	9312	9587	9359	2.23	cps
Ytterbium	176-2	10477	10782	10788	10682	1.67	cps
Yttrium	89-1	14902115	14808531	14984104	14898250	0.59	cps
Yttrium	89-2	1523358	1487799	1539145	1516767	1.73	cps
Zinc	66-2	440510	439227	436942	438893	0.41	cps
Zirconium	90-1	24639	25741	26401	25594	3.48	cps
Zirconium	91-1	5735	5768	6035	5846	2.81	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-17	Instrumnet Name :	P8
Client Sample ID :	MH1FB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:07:35	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	784055	778570	773537	778720	0.68	cps
Antimony	121-1	12881	13357	13932	13390	3.93	cps
Arsenic	75-2	7207	7044	6764	7005	3.19	cps
Barium	135-1	712274	720450	711570	714765	0.69	cps
Barium	137-1	1279399	1280125	1242738	1267421	1.69	cps
Beryllium	9-1	2540	2600	2576	2572	1.17	cps
Bismuth	209-1	4699404	4547679	4997948	4748344	4.82	cps
Bismuth	209-2	2827500	2850720	2780863	2819694	1.26	cps
Boron	10-1	2532	2676	2614	2607	2.77	cps
Boron	11-1	12517	12573	12941	12677	1.82	cps
Bromine	81-1	28208	29722	28709	28880	2.67	cps
Cadmium	111-1	13313	13384	13101	13266	1.11	cps
Cadmium	106-1	4601	4543	5326	4823	9.05	cps
Cadmium	108-1	1000	967	1025	997	2.93	cps
Calcium	43-1	2245312	2196317	2190898	2210842	1.36	cps
Calcium	44-1	35792030	34928559	34845258	35188616	1.49	cps
Carbon	12-1	5306576	5425214	5443589	5391793	1.38	cps
Carbon	12-2	55723	56452	55932	56036	0.67	cps
Chlorine	35-1	47344940	52442148	55677428	51821505	8.11	cps
Chlorine	35-2	370927	375543	380893	375788	1.33	cps
Chromium	52-2	51181	50291	51586	51020	1.30	cps
Cobalt	59-2	65386	63407	63782	64192	1.64	cps
Copper	63-2	449242	449199	443290	447244	0.77	cps
Dysprosium	156-1	54579	52438	52270	53096	2.43	cps
Dysprosium	156-2	23901	23771	23424	23699	1.04	cps
Erbium	164-1	42594	43991	42560	43048	1.90	cps
Erbium	164-2	19231	19508	18984	19241	1.36	cps
Gadolinium	160-1	47644	50170	48581	48799	2.62	cps
Gadolinium	160-2	25468	25244	25414	25375	0.46	cps
Holmium	165-1	8494814	8184880	9064255	8581316	5.20	cps
Holmium	165-2	4250520	4292691	4199945	4247719	1.09	cps
Indium	115-1	8095601	7960916	8893635	8316718	6.06	cps
Indium	115-2	1232484	1240712	1208749	1227315	1.35	cps
Iron	54-2	3930975	3878662	3833392	3881010	1.26	cps
Iron	56-2	73580235	73819007	71860538	73086593	1.46	cps
Iron	57-2	1865425	1825409	1833695	1841509	1.15	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-17	Instrumnet Name :	P8
Client Sample ID :	MH1FB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:07:35	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	990	957	959	3.14	cps
Lead	206-1	2359653	2299685	2327366	2328901	1.29	cps
Lead	207-1	2021536	1977503	1940650	1979896	2.05	cps
Lead	208-1	9358916	9169928	9050779	9193208	1.69	cps
Lithium	6-1	2633112	2623983	2906009	2721035	5.89	cps
Magnesium	24-2	1494932	1482956	1478379	1485422	0.58	cps
Manganese	55-2	1661403	1684849	1664504	1670252	0.76	cps
Molybdenum	94-1	18037	18337	18771	18382	2.01	cps
Molybdenum	95-1	16919	17395	16460	16925	2.76	cps
Molybdenum	96-1	20349	22402	21317	21356	4.81	cps
Molybdenum	97-1	10496	10604	10596	10565	0.57	cps
Molybdenum	98-1	27686	26902	27319	27303	1.44	cps
Neodymium	150-1	87605	85767	88900	87424	1.80	cps
Neodymium	150-2	28611	28557	28490	28553	0.21	cps
Nickel	60-2	45954	44757	44526	45079	1.70	cps
Phosphorus	31-2	7052	7160	7310	7174	1.81	cps
Potassium	39-2	528548	523718	525110	525792	0.47	cps
Rhodium	103-1	7945366	7498765	8230103	7891411	4.67	cps
Rhodium	103-2	3806107	3774655	3908306	3829690	1.82	cps
Scandium	45-1	6542519	6415954	6962044	6640173	4.30	cps
Scandium	45-2	193206	197569	197664	196146	1.30	cps
Selenium	82-1	317	238	310	288	15.14	cps
Selenium	77-2	127	147	163	146	12.61	cps
Selenium	78-2	150	153	147	150	2.00	cps
Silicon	28-1	7638856	7552886	7439076	7543606	1.33	cps
Silver	107-1	21451	21918	21509	21626	1.18	cps
Silver	109-1	19865	20925	20324	20371	2.61	cps
Sodium	23-2	94120	94413	93877	94137	0.28	cps
Strontium	86-1	614608	638989	625903	626500	1.95	cps
Strontium	88-1	5369248	5321800	5221515	5304188	1.42	cps
Sulfur	34-1	454997	458885	455514	456465	0.46	cps
Terbium	159-1	8979560	8768063	9336933	9028185	3.18	cps
Terbium	159-2	4188574	4279543	4256605	4241574	1.12	cps
Thallium	203-1	4193	3926	4076	4065	3.29	cps
Thallium	205-1	8937	9579	9003	9173	3.85	cps
Tin	118-1	62736	64084	63850	63557	1.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-17	Instrumnet Name :	P8
Client Sample ID :	MH1FB4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:07:35	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258117	262381	253506	258001	1.72	cps
Uranium	238-1	46470	48678	47415	47521	2.33	cps
Vanadium	51-2	133672	130661	130217	131516	1.43	cps
Ytterbium	172-1	13015	12339	12523	12626	2.77	cps
Ytterbium	172-2	6696	6896	6680	6757	1.79	cps
Ytterbium	176-1	8828	8711	8578	8706	1.44	cps
Ytterbium	176-2	10148	10026	10354	10176	1.63	cps
Yttrium	89-1	14339463	14054140	15032474	14475359	3.48	cps
Yttrium	89-2	1486256	1492440	1508590	1495762	0.77	cps
Zinc	66-2	287534	288162	287927	287874	0.11	cps
Zirconium	90-1	22093	23095	22953	22714	2.39	cps
Zirconium	91-1	5243	5376	5234	5284	1.50	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-18 Instrumnet Name : P8
 Client Sample ID : MH1FB5 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 16:10:31 DataFile Name : 099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	995093	996215	995326	995544	0.06	cps
Antimony	121-1	12356	12139	12356	12284	1.02	cps
Arsenic	75-2	4282	4256	4189	4242	1.13	cps
Barium	135-1	887558	899699	877565	888274	1.25	cps
Barium	137-1	1581667	1541774	1542495	1555312	1.47	cps
Beryllium	9-1	3706	3778	3930	3804	3.01	cps
Bismuth	209-1	4715743	5003889	4960051	4893228	3.17	cps
Bismuth	209-2	2835976	2908967	2909499	2884814	1.47	cps
Boron	10-1	4836	5156	5412	5135	5.62	cps
Boron	11-1	24305	25343	25966	25205	3.33	cps
Bromine	81-1	28528	27716	29010	28418	2.30	cps
Cadmium	111-1	13060	13221	13085	13122	0.66	cps
Cadmium	106-1	5118	4626	5243	4996	6.53	cps
Cadmium	108-1	1125	1063	1096	1095	2.86	cps
Calcium	43-1	1971469	2028201	2066693	2022121	2.37	cps
Calcium	44-1	31819821	32041087	32604136	32155015	1.26	cps
Carbon	12-1	7964321	8248532	8093957	8102270	1.76	cps
Carbon	12-2	83949	85180	83807	84312	0.90	cps
Chlorine	35-1	51277382	56981191	58533447	55597340	6.87	cps
Chlorine	35-2	367877	371911	379671	373153	1.61	cps
Chromium	52-2	144094	146971	146530	145865	1.06	cps
Cobalt	59-2	71536	71498	70990	71341	0.43	cps
Copper	63-2	444881	447170	438655	443569	0.99	cps
Dysprosium	156-1	77920	76780	75825	76842	1.36	cps
Dysprosium	156-2	33659	34695	33338	33897	2.09	cps
Erbium	164-1	57910	58028	58647	58195	0.68	cps
Erbium	164-2	26176	26343	26530	26350	0.67	cps
Gadolinium	160-1	65763	66735	66935	66477	0.94	cps
Gadolinium	160-2	35006	34976	34461	34814	0.88	cps
Holmium	165-1	8582413	9227823	9140169	8983468	3.90	cps
Holmium	165-2	4198357	4319068	4260717	4259381	1.42	cps
Indium	115-1	8209554	8589855	8783134	8527515	3.42	cps
Indium	115-2	1244896	1245345	1237537	1242593	0.35	cps
Iron	54-2	4856087	4872351	4776145	4834861	1.07	cps
Iron	56-2	88513694	88295744	88176399	88328612	0.19	cps
Iron	57-2	2269123	2247682	2191121	2235975	1.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-18	Instrumnet Name :	P8
Client Sample ID :	MH1FB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:10:31	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	1027	1033	1034	0.81	cps
Lead	206-1	3255204	3310268	3159781	3241751	2.35	cps
Lead	207-1	2664169	2736337	2653657	2684721	1.68	cps
Lead	208-1	12310034	12557381	12095845	12321086	1.87	cps
Lithium	6-1	2813141	2898508	2917716	2876455	1.94	cps
Magnesium	24-2	1979006	1993452	1975341	1982599	0.48	cps
Manganese	55-2	2587805	2620682	2666672	2625053	1.51	cps
Molybdenum	94-1	22694	21759	22619	22358	2.32	cps
Molybdenum	95-1	14608	15175	14675	14819	2.09	cps
Molybdenum	96-1	21292	21066	20048	20802	3.19	cps
Molybdenum	97-1	9904	8937	9195	9345	5.36	cps
Molybdenum	98-1	23629	25190	23312	24044	4.18	cps
Neodymium	150-1	135938	138429	137601	137323	0.92	cps
Neodymium	150-2	45604	45337	45333	45425	0.34	cps
Nickel	60-2	52168	52533	52747	52483	0.56	cps
Phosphorus	31-2	14374	14891	14850	14705	1.95	cps
Potassium	39-2	967498	958198	948436	958044	0.99	cps
Rhodium	103-1	7640980	8388920	8340962	8123621	5.15	cps
Rhodium	103-2	3697905	3817012	3836352	3783756	1.98	cps
Scandium	45-1	6828069	6983813	7275243	7029042	3.23	cps
Scandium	45-2	196632	199930	198277	198280	0.83	cps
Selenium	82-1	267	318	265	283	10.60	cps
Selenium	77-2	210	180	203	198	7.97	cps
Selenium	78-2	229	197	189	205	10.33	cps
Silicon	28-1	10894624	11396410	10542208	10944414	3.92	cps
Silver	107-1	19389	19272	18989	19217	1.07	cps
Silver	109-1	17779	18863	17987	18210	3.16	cps
Sodium	23-2	121706	119025	119488	120073	1.19	cps
Strontium	86-1	778761	774860	784218	779279	0.60	cps
Strontium	88-1	6918144	6554656	6592029	6688277	2.99	cps
Sulfur	34-1	480080	481996	475390	479155	0.71	cps
Terbium	159-1	9212870	9719075	9449717	9460554	2.68	cps
Terbium	159-2	4210856	4181238	4299763	4230619	1.46	cps
Thallium	203-1	2892	3309	3225	3142	7.02	cps
Thallium	205-1	7594	7753	7869	7739	1.78	cps
Tin	118-1	98337	96667	94703	96569	1.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-18	Instrumnet Name :	P8
Client Sample ID :	MH1FB5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:10:31	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	479479	473206	478397	477027	0.70	cps
Uranium	238-1	49205	49315	49406	49308	0.20	cps
Vanadium	51-2	126953	125182	126823	126319	0.78	cps
Ytterbium	172-1	16719	16135	15443	16099	3.97	cps
Ytterbium	172-2	8470	8692	8447	8536	1.58	cps
Ytterbium	176-1	10988	11263	10513	10922	3.48	cps
Ytterbium	176-2	11166	11405	12317	11629	5.22	cps
Yttrium	89-1	15121535	15045698	15526148	15231127	1.70	cps
Yttrium	89-2	1530776	1547024	1542767	1540189	0.55	cps
Zinc	66-2	629509	626715	636466	630897	0.80	cps
Zirconium	90-1	37920	37518	38120	37852	0.81	cps
Zirconium	91-1	8469	8603	8586	8553	0.85	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-19	Instrumnet Name :	P8
Client Sample ID :	MH1FB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:13:24	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1098975	1081292	1091631	1090633	0.81	cps
Antimony	121-1	15818	15601	16369	15929	2.48	cps
Arsenic	75-2	6036	5922	5789	5916	2.09	cps
Barium	135-1	1048280	1066700	1051549	1055510	0.93	cps
Barium	137-1	1792853	1868868	1824166	1828629	2.09	cps
Beryllium	9-1	4066	4024	3988	4026	0.97	cps
Bismuth	209-1	5137105	4967908	5152526	5085846	2.01	cps
Bismuth	209-2	2868559	2755179	2750448	2791395	2.40	cps
Boron	10-1	4954	5110	5546	5203	5.90	cps
Boron	11-1	24634	25060	25944	25213	2.65	cps
Bromine	81-1	29672	29643	28779	29365	1.73	cps
Cadmium	111-1	20172	19612	19521	19768	1.78	cps
Cadmium	106-1	5951	5585	5810	5782	3.20	cps
Cadmium	108-1	1508	1504	1542	1518	1.35	cps
Calcium	43-1	2232728	2186708	2186974	2202137	1.20	cps
Calcium	44-1	34813965	35322295	35191977	35109412	0.75	cps
Carbon	12-1	7573274	7486074	7820263	7626537	2.27	cps
Carbon	12-2	77513	79827	78896	78745	1.48	cps
Chlorine	35-1	45137982	50857529	53315791	49770434	8.43	cps
Chlorine	35-2	347861	356704	368475	357680	2.89	cps
Chromium	52-2	122964	122120	123693	122926	0.64	cps
Cobalt	59-2	88869	88682	87762	88437	0.67	cps
Copper	63-2	732608	720604	727498	726904	0.83	cps
Dysprosium	156-1	75959	74132	77132	75741	2.00	cps
Dysprosium	156-2	32900	32393	32363	32552	0.93	cps
Erbium	164-1	56780	57676	58237	57565	1.28	cps
Erbium	164-2	25090	25010	24904	25001	0.37	cps
Gadolinium	160-1	64154	66860	63293	64769	2.87	cps
Gadolinium	160-2	33789	32984	33208	33327	1.25	cps
Holmium	165-1	9433716	9022436	8899475	9118542	3.07	cps
Holmium	165-2	4138047	4158975	4187052	4161358	0.59	cps
Indium	115-1	8621950	8763600	8487936	8624495	1.60	cps
Indium	115-2	1217583	1221803	1221114	1220166	0.19	cps
Iron	54-2	5550513	5489300	5538972	5526262	0.59	cps
Iron	56-2	104569311	103622136	102938944	103710130	0.79	cps
Iron	57-2	2619760	2574344	2598255	2597453	0.87	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-19	Instrumnet Name :	P8
Client Sample ID :	MH1FB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:13:24	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	960	1043	983	5.33	cps
Lead	206-1	4141293	4236517	4192998	4190269	1.14	cps
Lead	207-1	3642214	3606729	3527370	3592104	1.64	cps
Lead	208-1	16723306	16661603	16592646	16659185	0.39	cps
Lithium	6-1	2766879	2787120	2817064	2790354	0.90	cps
Magnesium	24-2	1938126	1916864	1916726	1923905	0.64	cps
Manganese	55-2	2831533	2808103	2769601	2803079	1.12	cps
Molybdenum	94-1	22260	22661	22836	22586	1.31	cps
Molybdenum	95-1	17203	16494	16819	16838	2.11	cps
Molybdenum	96-1	23487	22293	21542	22441	4.37	cps
Molybdenum	97-1	10037	10446	10046	10176	2.30	cps
Molybdenum	98-1	25875	25207	26843	25975	3.17	cps
Neodymium	150-1	130697	132125	131561	131461	0.55	cps
Neodymium	150-2	41795	42163	42109	42023	0.47	cps
Nickel	60-2	82353	81475	81173	81667	0.75	cps
Phosphorus	31-2	14091	13857	13598	13849	1.78	cps
Potassium	39-2	962853	968819	957029	962900	0.61	cps
Rhodium	103-1	8277172	8114230	8030260	8140554	1.54	cps
Rhodium	103-2	3639778	3702928	3701651	3681452	0.98	cps
Scandium	45-1	7195273	7099374	6957525	7084058	1.69	cps
Scandium	45-2	196120	193654	195665	195146	0.67	cps
Selenium	82-1	374	371	273	339	16.85	cps
Selenium	77-2	177	187	170	178	4.72	cps
Selenium	78-2	193	184	204	194	5.17	cps
Silicon	28-1	9129158	9097562	9044836	9090518	0.47	cps
Silver	107-1	32472	32021	32965	32486	1.45	cps
Silver	109-1	29850	31695	31671	31072	3.41	cps
Sodium	23-2	130648	128614	134367	131210	2.22	cps
Strontium	86-1	877584	871087	881782	876818	0.61	cps
Strontium	88-1	7667637	7372238	7430894	7490256	2.09	cps
Sulfur	34-1	473811	474309	476101	474741	0.25	cps
Terbium	159-1	10092730	10240583	9614686	9982666	3.28	cps
Terbium	159-2	4171895	4125635	4222353	4173294	1.16	cps
Thallium	203-1	3784	4284	4509	4192	8.85	cps
Thallium	205-1	10413	9720	10238	10124	3.56	cps
Tin	118-1	137268	132447	137967	135894	2.21	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-19	Instrumnet Name :	P8
Client Sample ID :	MH1FB6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:13:24	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	427281	421189	419800	422757	0.94	cps
Uranium	238-1	57030	58143	58059	57744	1.07	cps
Vanadium	51-2	144939	143004	144676	144206	0.73	cps
Ytterbium	172-1	17504	16452	16194	16717	4.15	cps
Ytterbium	172-2	8925	8647	8786	8786	1.58	cps
Ytterbium	176-1	11163	11305	10596	11022	3.40	cps
Ytterbium	176-2	10510	11249	12006	11255	6.64	cps
Yttrium	89-1	15882094	15287386	14666824	15278768	3.98	cps
Yttrium	89-2	1524107	1525213	1509327	1519549	0.58	cps
Zinc	66-2	829255	834844	831499	831866	0.34	cps
Zirconium	90-1	35655	36599	36123	36125	1.31	cps
Zirconium	91-1	7786	8078	8428	8097	3.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-20	Instrumnet Name :	P8
Client Sample ID :	MH1FB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:16:19	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	949960	944192	930639	941597	1.05	cps
Antimony	121-1	16594	16410	16302	16435	0.90	cps
Arsenic	75-2	5734	5745	5723	5734	0.19	cps
Barium	135-1	1030431	1067958	1038062	1045484	1.90	cps
Barium	137-1	1799475	1860019	1785262	1814918	2.19	cps
Beryllium	9-1	3504	3714	3428	3548	4.18	cps
Bismuth	209-1	5087716	5056503	4976351	5040190	1.14	cps
Bismuth	209-2	2815831	2655045	2783149	2751342	3.09	cps
Boron	10-1	5276	5198	5594	5356	3.92	cps
Boron	11-1	24035	25405	26062	25167	4.11	cps
Bromine	81-1	30023	32230	31990	31414	3.85	cps
Cadmium	111-1	21630	21084	21493	21402	1.33	cps
Cadmium	106-1	5993	5793	5460	5749	4.69	cps
Cadmium	108-1	1750	1613	1763	1708	4.87	cps
Calcium	43-1	2317701	2383986	2333958	2345215	1.47	cps
Calcium	44-1	36878202	38113295	37376069	37455855	1.66	cps
Carbon	12-1	6207097	6234453	6076802	6172784	1.36	cps
Carbon	12-2	64501	64233	62802	63845	1.43	cps
Chlorine	35-1	45535299	51392481	54328572	50418784	8.88	cps
Chlorine	35-2	352958	355633	372755	360449	2.98	cps
Chromium	52-2	86469	86258	84156	85628	1.49	cps
Cobalt	59-2	77885	78864	76467	77739	1.55	cps
Copper	63-2	809092	790695	787865	795884	1.45	cps
Dysprosium	156-1	56069	56973	58429	57157	2.08	cps
Dysprosium	156-2	24663	25732	24235	24877	3.10	cps
Erbium	164-1	48046	45939	48122	47369	2.62	cps
Erbium	164-2	20813	20830	20356	20666	1.30	cps
Gadolinium	160-1	52722	52337	52789	52616	0.46	cps
Gadolinium	160-2	26370	26760	26974	26701	1.15	cps
Holmium	165-1	9095456	9014007	8933588	9014350	0.90	cps
Holmium	165-2	4253217	3876877	4156352	4095482	4.77	cps
Indium	115-1	8575406	8670483	8451988	8565959	1.28	cps
Indium	115-2	1219173	1152814	1209413	1193800	3.00	cps
Iron	54-2	4626234	4571711	4539360	4579102	0.96	cps
Iron	56-2	84694816	84444166	83768141	84302374	0.57	cps
Iron	57-2	2124680	2141456	2109043	2125060	0.76	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-20	Instrumnet Name :	P8
Client Sample ID :	MH1FB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:16:19	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	873	987	952	7.19	cps
Lead	206-1	4295972	4274948	4229403	4266774	0.80	cps
Lead	207-1	3728548	3571697	3736210	3678818	2.52	cps
Lead	208-1	16915153	16292498	16971233	16726295	2.25	cps
Lithium	6-1	2739523	2880583	2783980	2801362	2.57	cps
Magnesium	24-2	1462475	1468197	1438759	1456477	1.07	cps
Manganese	55-2	2530313	2509965	2478636	2506305	1.04	cps
Molybdenum	94-1	19130	20340	19139	19536	3.56	cps
Molybdenum	95-1	14199	13841	13490	13843	2.56	cps
Molybdenum	96-1	18621	18546	17687	18285	2.84	cps
Molybdenum	97-1	8678	8561	8061	8433	3.89	cps
Molybdenum	98-1	21075	21793	20566	21145	2.92	cps
Neodymium	150-1	93787	93948	93324	93686	0.35	cps
Neodymium	150-2	30815	30622	30047	30495	1.31	cps
Nickel	60-2	61901	60608	59848	60786	1.71	cps
Phosphorus	31-2	11772	11438	10679	11296	4.96	cps
Potassium	39-2	727058	725378	718387	723608	0.64	cps
Rhodium	103-1	8339729	8016379	8211259	8189122	1.99	cps
Rhodium	103-2	3813616	3525853	3774760	3704743	4.21	cps
Scandium	45-1	7052330	7110013	6882215	7014853	1.69	cps
Scandium	45-2	198671	185162	196263	193365	3.73	cps
Selenium	82-1	281	327	271	293	10.18	cps
Selenium	77-2	203	157	150	170	17.10	cps
Selenium	78-2	163	149	181	164	9.76	cps
Silicon	28-1	7588626	7840972	7694198	7707932	1.64	cps
Silver	107-1	40903	41571	41288	41254	0.81	cps
Silver	109-1	38630	39892	38480	39001	1.99	cps
Sodium	23-2	136410	135107	135761	135760	0.48	cps
Strontium	86-1	956417	951920	975754	961364	1.32	cps
Strontium	88-1	8183197	8228015	8258320	8223177	0.46	cps
Sulfur	34-1	466769	461599	468814	465727	0.80	cps
Terbium	159-1	9371657	9525656	9519527	9472280	0.92	cps
Terbium	159-2	4184450	3954318	4146639	4095136	3.01	cps
Thallium	203-1	4468	4709	4643	4607	2.71	cps
Thallium	205-1	10063	10530	11255	10616	5.66	cps
Tin	118-1	167139	164418	164567	165375	0.92	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-20	Instrumnet Name :	P8
Client Sample ID :	MH1FB7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:16:19	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300606	304428	299142	301392	0.91	cps
Uranium	238-1	62405	60438	61240	61361	1.61	cps
Vanadium	51-2	128091	128218	128837	128382	0.31	cps
Ytterbium	172-1	13674	14500	13365	13847	4.24	cps
Ytterbium	172-2	7541	7230	7058	7276	3.37	cps
Ytterbium	176-1	9245	9946	9679	9623	3.67	cps
Ytterbium	176-2	10338	10816	10910	10688	2.87	cps
Yttrium	89-1	15064595	15100795	14699126	14954839	1.49	cps
Yttrium	89-2	1515923	1407345	1504040	1475769	4.04	cps
Zinc	66-2	763510	780943	766331	770261	1.21	cps
Zirconium	90-1	32949	31202	32196	32116	2.73	cps
Zirconium	91-1	7185	7369	7185	7247	1.46	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-21 Instrumnet Name : P8
 Client Sample ID : MH1FB8 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 16:19:11 DataFile Name : 102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	866099	869375	849925	861800	1.21	cps
Antimony	121-1	11555	11530	11805	11630	1.31	cps
Arsenic	75-2	4808	4872	4873	4851	0.77	cps
Barium	135-1	747105	751111	746608	748275	0.33	cps
Barium	137-1	1279926	1305759	1274817	1286834	1.29	cps
Beryllium	9-1	2966	2844	3034	2948	3.27	cps
Bismuth	209-1	4979107	4672765	5048080	4899984	4.08	cps
Bismuth	209-2	2809149	2818728	2805778	2811218	0.24	cps
Boron	10-1	4232	4012	4284	4176	3.46	cps
Boron	11-1	19912	20592	20939	20481	2.55	cps
Bromine	81-1	28629	28037	28960	28542	1.64	cps
Cadmium	111-1	13434	12956	13550	13313	2.36	cps
Cadmium	106-1	4809	4718	4868	4798	1.58	cps
Cadmium	108-1	958	1121	1033	1038	7.84	cps
Calcium	43-1	1993871	1946413	1951636	1963974	1.33	cps
Calcium	44-1	32279148	31234055	31467448	31660217	1.73	cps
Carbon	12-1	5432128	5349337	5235677	5339048	1.85	cps
Carbon	12-2	55991	53858	53649	54499	2.38	cps
Chlorine	35-1	44346699	49482144	52582067	48803637	8.52	cps
Chlorine	35-2	340053	354604	363911	352856	3.41	cps
Chromium	52-2	51680	51944	50519	51381	1.48	cps
Cobalt	59-2	67559	66746	64552	66286	2.35	cps
Copper	63-2	519117	515278	518560	517652	0.40	cps
Dysprosium	156-1	58453	57148	57952	57851	1.14	cps
Dysprosium	156-2	25708	25808	25060	25526	1.59	cps
Erbium	164-1	46407	47018	48456	47293	2.23	cps
Erbium	164-2	21130	21411	20496	21012	2.23	cps
Gadolinium	160-1	50446	54019	54345	52937	4.09	cps
Gadolinium	160-2	27639	27174	27201	27338	0.95	cps
Holmium	165-1	9128647	8261861	9182440	8857650	5.83	cps
Holmium	165-2	4406605	4202106	4355421	4321377	2.46	cps
Indium	115-1	8390505	8006060	8322437	8239667	2.49	cps
Indium	115-2	1229813	1237568	1231759	1233047	0.33	cps
Iron	54-2	3561583	3556989	3397313	3505295	2.67	cps
Iron	56-2	64058456	64475414	63212744	63915538	1.01	cps
Iron	57-2	1674383	1591034	1598131	1621183	2.85	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-21	Instrumnet Name :	P8
Client Sample ID :	MH1FB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:19:11	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	990	903	982	7.67	cps
Lead	206-1	2335535	2202911	2325878	2288108	3.23	cps
Lead	207-1	1929659	1887130	1961235	1926008	1.93	cps
Lead	208-1	8990275	8824013	9035284	8949857	1.24	cps
Lithium	6-1	2798524	2560996	2816866	2725462	5.24	cps
Magnesium	24-2	1366669	1352369	1374286	1364441	0.82	cps
Manganese	55-2	1581591	1625192	1575039	1593941	1.71	cps
Molybdenum	94-1	15401	14800	16026	15409	3.98	cps
Molybdenum	95-1	13390	13006	11889	12762	6.11	cps
Molybdenum	96-1	16168	16519	16752	16480	1.78	cps
Molybdenum	97-1	7602	7936	7619	7719	2.43	cps
Molybdenum	98-1	20349	19289	20858	20165	3.97	cps
Neodymium	150-1	97118	97809	95700	96875	1.11	cps
Neodymium	150-2	31447	30805	31220	31157	1.04	cps
Nickel	60-2	49503	48901	47409	48604	2.22	cps
Phosphorus	31-2	8820	8853	8745	8806	0.63	cps
Potassium	39-2	606731	610366	591032	602710	1.70	cps
Rhodium	103-1	8423426	7587407	8189625	8066819	5.35	cps
Rhodium	103-2	3761668	3790617	3678687	3743657	1.55	cps
Scandium	45-1	7110462	6455883	6952290	6839545	4.99	cps
Scandium	45-2	196380	198790	194864	196678	1.01	cps
Selenium	82-1	230	241	358	276	25.63	cps
Selenium	77-2	137	180	133	150	17.35	cps
Selenium	78-2	176	155	189	173	9.90	cps
Silicon	28-1	7318824	7415000	7357840	7363888	0.66	cps
Silver	107-1	23412	24264	24213	23963	1.99	cps
Silver	109-1	22995	22344	22878	22739	1.53	cps
Sodium	23-2	140044	138335	138096	138825	0.77	cps
Strontium	86-1	729374	732334	720819	727509	0.82	cps
Strontium	88-1	6138922	6221819	6252766	6204502	0.95	cps
Sulfur	34-1	457315	459728	458503	458516	0.26	cps
Terbium	159-1	9084747	9059688	9325818	9156751	1.60	cps
Terbium	159-2	4244634	4174961	4163008	4194201	1.05	cps
Thallium	203-1	4192	4418	3917	4176	6.00	cps
Thallium	205-1	9495	10413	9304	9737	6.09	cps
Tin	118-1	83800	84939	85937	84892	1.26	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-21	Instrumnet Name :	P8
Client Sample ID :	MH1FB8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:19:11	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	229051	231715	231440	230735	0.63	cps
Uranium	238-1	50610	50778	49925	50438	0.90	cps
Vanadium	51-2	120183	119464	118311	119319	0.79	cps
Ytterbium	172-1	13399	13057	13858	13438	2.99	cps
Ytterbium	172-2	7336	7280	6969	7195	2.75	cps
Ytterbium	176-1	9078	8912	9062	9017	1.02	cps
Ytterbium	176-2	10621	10966	11183	10923	2.59	cps
Yttrium	89-1	14872494	14024716	15092341	14663184	3.84	cps
Yttrium	89-2	1534889	1488822	1498174	1507295	1.62	cps
Zinc	66-2	325972	324317	323078	324456	0.45	cps
Zirconium	90-1	22803	23320	23003	23042	1.13	cps
Zirconium	91-1	4809	5376	4909	5032	6.01	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-22	Instrumnet Name :	P8
Client Sample ID :	MH1FB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:22:07	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	405641	408203	399466	404437	1.11	cps
Antimony	121-1	7119	7060	7427	7202	2.74	cps
Arsenic	75-2	2329	2454	2434	2406	2.79	cps
Barium	135-1	1141078	1134913	1153821	1143271	0.84	cps
Barium	137-1	1980637	2041577	2033546	2018587	1.64	cps
Beryllium	9-1	2288	2418	2452	2386	3.63	cps
Bismuth	209-1	4800469	4834008	4664009	4766162	1.89	cps
Bismuth	209-2	2747827	2801402	2760915	2770048	1.01	cps
Boron	10-1	5478	5770	6250	5833	6.68	cps
Boron	11-1	26633	28714	28658	28002	4.24	cps
Bromine	81-1	27104	25409	26563	26359	3.28	cps
Cadmium	111-1	5608	5505	5532	5548	0.95	cps
Cadmium	106-1	4559	4784	4284	4543	5.51	cps
Cadmium	108-1	779	850	717	782	8.53	cps
Calcium	43-1	9044628	9122478	9183415	9116840	0.76	cps
Calcium	44-1	146491654	150341443	150341288	149058128	1.49	cps
Carbon	12-1	6628428	6779864	6623019	6677104	1.33	cps
Carbon	12-2	72413	72153	72981	72516	0.58	cps
Chlorine	35-1	44537642	49661156	52927780	49042193	8.62	cps
Chlorine	35-2	347927	359051	372873	359951	3.47	cps
Chromium	52-2	97164	96872	95281	96439	1.05	cps
Cobalt	59-2	48747	48282	49446	48825	1.20	cps
Copper	63-2	293736	295633	288241	292537	1.31	cps
Dysprosium	156-1	36826	34988	34629	35481	3.32	cps
Dysprosium	156-2	16687	16704	16490	16627	0.71	cps
Erbium	164-1	27629	29091	30887	29202	5.59	cps
Erbium	164-2	12656	13267	12619	12847	2.83	cps
Gadolinium	160-1	33702	33785	34362	33950	1.06	cps
Gadolinium	160-2	17909	16994	17648	17517	2.69	cps
Holmium	165-1	8575034	9047234	9037883	8886717	3.04	cps
Holmium	165-2	4244425	4279059	4328766	4284083	0.99	cps
Indium	115-1	8507666	8427906	8513667	8483079	0.56	cps
Indium	115-2	1236689	1213803	1238328	1229607	1.12	cps
Iron	54-2	2163462	2128213	2108267	2133314	1.31	cps
Iron	56-2	38922123	37663993	38713041	38433052	1.75	cps
Iron	57-2	966878	933892	927865	942878	2.23	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-22	Instrumnet Name :	P8
Client Sample ID :	MH1FB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:22:07	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	977	933	978	4.60	cps
Lead	206-1	1142005	1131103	1152695	1141934	0.95	cps
Lead	207-1	950787	954451	977746	960994	1.52	cps
Lead	208-1	4571077	4591487	4623282	4595282	0.57	cps
Lithium	6-1	2832161	2891736	2782780	2835559	1.92	cps
Magnesium	24-2	27946285	27478184	27049555	27491341	1.63	cps
Manganese	55-2	2329938	2250849	2292463	2291083	1.73	cps
Molybdenum	94-1	9912	9737	9795	9815	0.91	cps
Molybdenum	95-1	8036	7944	7569	7850	3.15	cps
Molybdenum	96-1	9520	12000	10079	10533	12.35	cps
Molybdenum	97-1	4634	4651	4934	4740	3.56	cps
Molybdenum	98-1	12139	11847	12915	12300	4.49	cps
Neodymium	150-1	60169	61989	61146	61101	1.49	cps
Neodymium	150-2	19371	19217	19751	19446	1.41	cps
Nickel	60-2	33633	32407	32063	32701	2.52	cps
Phosphorus	31-2	7035	7852	7661	7516	5.68	cps
Potassium	39-2	409438	421928	416026	415797	1.50	cps
Rhodium	103-1	8137541	8040580	7793652	7990591	2.22	cps
Rhodium	103-2	3711557	3753389	3597387	3687444	2.19	cps
Scandium	45-1	6992682	7051628	7076203	7040171	0.61	cps
Scandium	45-2	195960	198881	196777	197206	0.76	cps
Selenium	82-1	184	165	317	222	37.30	cps
Selenium	77-2	110	60	127	99	35.09	cps
Selenium	78-2	108	122	118	116	6.22	cps
Silicon	28-1	8342819	8320700	8496474	8386665	1.14	cps
Silver	107-1	9729	9470	9845	9681	1.98	cps
Silver	109-1	9337	9462	9354	9384	0.72	cps
Sodium	23-2	147752	146414	148678	147615	0.77	cps
Strontium	86-1	532630	532575	543750	536319	1.20	cps
Strontium	88-1	4691608	4565307	4657144	4638020	1.41	cps
Sulfur	34-1	498781	504507	505683	502990	0.73	cps
Terbium	159-1	9774306	9680852	9300523	9585227	2.62	cps
Terbium	159-2	4314873	4266368	4175235	4252159	1.67	cps
Thallium	203-1	1684	1417	1392	1497	10.80	cps
Thallium	205-1	3609	4009	3709	3776	5.51	cps
Tin	118-1	31930	31905	30835	31556	1.98	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-22	Instrumnet Name :	P8
Client Sample ID :	MH1FB9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:22:07	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	173040	185839	173779	177553	4.05	cps
Uranium	238-1	27706	26712	28357	27592	3.00	cps
Vanadium	51-2	88391	87046	86801	87413	0.98	cps
Ytterbium	172-1	7127	7177	7169	7158	0.37	cps
Ytterbium	172-2	4156	3789	4234	4060	5.85	cps
Ytterbium	176-1	5710	5693	5460	5621	2.49	cps
Ytterbium	176-2	8047	8842	8436	8442	4.71	cps
Yttrium	89-1	14977442	14570148	14363886	14637159	2.13	cps
Yttrium	89-2	1490043	1457008	1466908	1471320	1.15	cps
Zinc	66-2	233924	230180	228242	230782	1.25	cps
Zirconium	90-1	14850	14333	21485	16889	23.62	cps
Zirconium	91-1	3484	3276	3134	3298	5.34	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-01 Instrumnet Name : P8
 Client Sample ID : MH1FC0 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 16:34:06 DataFile Name : 107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	778557	777153	763766	773159	1.06	cps
Antimony	121-1	14491	14817	15000	14769	1.74	cps
Arsenic	75-2	7489	7292	7247	7342	1.75	cps
Barium	135-1	827288	830269	827906	828488	0.19	cps
Barium	137-1	1448910	1454598	1412288	1438599	1.60	cps
Beryllium	9-1	3232	3222	3282	3245	0.99	cps
Bismuth	209-1	5139959	4902336	4638776	4893690	5.12	cps
Bismuth	209-2	2914608	2896174	3040383	2950389	2.66	cps
Boron	10-1	3258	3404	3704	3455	6.58	cps
Boron	11-1	16012	17877	18328	17406	7.06	cps
Bromine	81-1	28438	29822	29090	29117	2.38	cps
Cadmium	111-1	19366	19204	18893	19154	1.26	cps
Cadmium	106-1	6035	5743	5718	5832	3.02	cps
Cadmium	108-1	1508	1483	1496	1496	0.84	cps
Calcium	43-1	3607153	3356480	3615030	3526221	4.17	cps
Calcium	44-1	58148550	55254647	57503313	56968837	2.67	cps
Carbon	12-1	6805194	6890588	6965944	6887242	1.17	cps
Carbon	12-2	70797	71684	69063	70515	1.89	cps
Chlorine	35-1	27564570	32977297	38373745	32971870	16.39	cps
Chlorine	35-2	283122	297297	308946	296455	4.36	cps
Chromium	52-2	80770	81028	80146	80648	0.56	cps
Cobalt	59-2	74906	75346	75425	75226	0.37	cps
Copper	63-2	766230	760480	768127	764946	0.52	cps
Dysprosium	156-1	53324	54689	54512	54175	1.37	cps
Dysprosium	156-2	24526	24296	25067	24630	1.61	cps
Erbium	164-1	44726	44901	45730	45119	1.19	cps
Erbium	164-2	20536	20352	20115	20335	1.04	cps
Gadolinium	160-1	49552	49518	52028	50366	2.86	cps
Gadolinium	160-2	26637	26941	26466	26681	0.90	cps
Holmium	165-1	9286554	9390432	8742436	9139807	3.81	cps
Holmium	165-2	4417116	4374465	4408896	4400159	0.51	cps
Indium	115-1	8620546	8983010	8358869	8654142	3.62	cps
Indium	115-2	1285447	1282832	1269949	1279409	0.65	cps
Iron	54-2	4184375	4281253	4349094	4271574	1.94	cps
Iron	56-2	79015041	78140635	77406110	78187262	1.03	cps
Iron	57-2	2015291	1984921	2026709	2008974	1.08	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-01	Instrumnet Name :	P8
Client Sample ID :	MH1FC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:34:06	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	907	1023	897	942	7.47	cps
Lead	206-1	4256567	4470304	4359322	4362065	2.45	cps
Lead	207-1	3710786	3807042	3769691	3762506	1.29	cps
Lead	208-1	17092119	17069626	17227562	17129769	0.50	cps
Lithium	6-1	2896880	2930298	2677277	2834818	4.85	cps
Magnesium	24-2	8390826	8218685	8201226	8270246	1.27	cps
Manganese	55-2	2651585	2736503	2666135	2684741	1.69	cps
Molybdenum	94-1	15451	15834	15651	15645	1.23	cps
Molybdenum	95-1	12589	12406	12798	12598	1.56	cps
Molybdenum	96-1	16961	16919	16694	16858	0.85	cps
Molybdenum	97-1	7536	7569	7944	7683	2.95	cps
Molybdenum	98-1	19231	19631	19072	19311	1.49	cps
Neodymium	150-1	89021	91840	92089	90983	1.87	cps
Neodymium	150-2	29583	29590	30061	29744	0.92	cps
Nickel	60-2	62061	61432	60816	61437	1.01	cps
Phosphorus	31-2	9036	8795	9253	9028	2.54	cps
Potassium	39-2	670115	668058	652633	663602	1.44	cps
Rhodium	103-1	8320577	8596722	7793138	8236812	4.96	cps
Rhodium	103-2	3963930	3819987	3743832	3842583	2.91	cps
Scandium	45-1	7198305	7387423	6839353	7141694	3.90	cps
Scandium	45-2	203128	199764	203559	202150	1.03	cps
Selenium	82-1	304	264	370	313	17.12	cps
Selenium	77-2	187	157	160	168	9.80	cps
Selenium	78-2	146	159	151	152	4.31	cps
Silicon	28-1	10660132	10357846	10557486	10525155	1.46	cps
Silver	107-1	31838	33066	33800	32901	3.01	cps
Silver	109-1	30969	31119	30442	30844	1.15	cps
Sodium	23-2	114515	111676	112239	112810	1.33	cps
Strontium	86-1	599833	597700	619913	605815	2.02	cps
Strontium	88-1	5211474	5132915	5231951	5192113	1.01	cps
Sulfur	34-1	479862	474748	470664	475091	0.97	cps
Terbium	159-1	9563897	9731514	9540923	9612111	1.08	cps
Terbium	159-2	4350895	4382046	4385112	4372684	0.43	cps
Thallium	203-1	4084	3617	4359	4020	9.33	cps
Thallium	205-1	9379	10238	9729	9782	4.42	cps
Tin	118-1	74177	73565	76339	74694	1.95	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-01	Instrumnet Name :	P8
Client Sample ID :	MH1FC0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:34:06	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	252109	263805	257871	257928	2.27	cps
Uranium	238-1	36236	36587	36704	36509	0.67	cps
Vanadium	51-2	123743	124079	121773	123198	1.01	cps
Ytterbium	172-1	12456	12189	12314	12320	1.08	cps
Ytterbium	172-2	6702	6402	6896	6667	3.74	cps
Ytterbium	176-1	8937	9112	8895	8981	1.28	cps
Ytterbium	176-2	10621	10677	10816	10705	0.94	cps
Yttrium	89-1	15179395	15513138	14856935	15183156	2.16	cps
Yttrium	89-2	1589995	1572182	1537769	1566648	1.69	cps
Zinc	66-2	614538	610915	613452	612968	0.30	cps
Zirconium	90-1	24756	25090	25307	25051	1.11	cps
Zirconium	91-1	5351	5968	6001	5774	6.34	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-02 Instrumnet Name : P8
 Client Sample ID : MH1FC1 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 16:36:59 DataFile Name : 108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	798659	781538	778618	786272	1.38	cps
Antimony	121-1	12773	13232	12039	12681	4.75	cps
Arsenic	75-2	6797	6922	6610	6777	2.32	cps
Barium	135-1	639667	635703	637899	637756	0.31	cps
Barium	137-1	1083555	1112654	1093190	1096466	1.35	cps
Beryllium	9-1	2620	2446	2556	2540	3.46	cps
Bismuth	209-1	5112108	5173302	4877416	5054275	3.09	cps
Bismuth	209-2	2903389	2894322	2846088	2881266	1.07	cps
Boron	10-1	2422	2256	2418	2365	4.00	cps
Boron	11-1	10836	11122	11362	11107	2.37	cps
Bromine	81-1	27786	28468	28167	28141	1.22	cps
Cadmium	111-1	13415	13809	13224	13483	2.21	cps
Cadmium	106-1	5234	4959	5093	5096	2.70	cps
Cadmium	108-1	1033	879	929	947	8.30	cps
Calcium	43-1	866296	869268	866466	867343	0.19	cps
Calcium	44-1	14590881	14543596	13836098	14323525	2.95	cps
Carbon	12-1	5429460	5624707	5523948	5526038	1.77	cps
Carbon	12-2	56660	57086	55740	56495	1.22	cps
Chlorine	35-1	42415818	47021457	51029924	46822400	9.21	cps
Chlorine	35-2	343765	358480	369517	357254	3.62	cps
Chromium	52-2	45950	46743	45462	46052	1.40	cps
Cobalt	59-2	63846	63926	64579	64117	0.63	cps
Copper	63-2	453956	451316	454124	453132	0.35	cps
Dysprosium	156-1	58027	60638	59216	59294	2.21	cps
Dysprosium	156-2	26891	26573	26012	26492	1.68	cps
Erbium	164-1	48557	49226	47997	48593	1.27	cps
Erbium	164-2	22119	21494	21654	21756	1.49	cps
Gadolinium	160-1	54563	54780	55550	54965	0.94	cps
Gadolinium	160-2	28928	28891	27903	28574	2.04	cps
Holmium	165-1	9139971	8977180	8593248	8903466	3.15	cps
Holmium	165-2	4516456	4325681	4284323	4375487	2.83	cps
Indium	115-1	8882163	8555890	8651650	8696568	1.93	cps
Indium	115-2	1271697	1252645	1242014	1255452	1.20	cps
Iron	54-2	3499457	3463312	3400498	3454423	1.45	cps
Iron	56-2	63322564	61665450	62977785	62655266	1.40	cps
Iron	57-2	1571336	1541340	1554430	1555702	0.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-02	Instrumnet Name :	P8
Client Sample ID :	MH1FC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:36:59	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	957	860	1007	941	7.92	cps
Lead	206-1	2185376	2222526	2211602	2206501	0.87	cps
Lead	207-1	1857300	1893160	1937906	1896122	2.13	cps
Lead	208-1	8724570	8795124	8830848	8783514	0.62	cps
Lithium	6-1	2876702	2960388	2706636	2847909	4.54	cps
Magnesium	24-2	1368086	1383657	1379484	1377076	0.59	cps
Manganese	55-2	1639483	1588334	1634829	1620882	1.74	cps
Molybdenum	94-1	15609	15484	15501	15531	0.44	cps
Molybdenum	95-1	11113	11138	11422	11224	1.53	cps
Molybdenum	96-1	14525	15067	15301	14964	2.66	cps
Molybdenum	97-1	7094	6994	6919	7002	1.25	cps
Molybdenum	98-1	18037	17578	18279	17965	1.98	cps
Neodymium	150-1	99366	102730	99011	100369	2.04	cps
Neodymium	150-2	32359	32616	32974	32650	0.95	cps
Nickel	60-2	43577	43680	41638	42965	2.68	cps
Phosphorus	31-2	7035	6310	6918	6755	5.77	cps
Potassium	39-2	668402	657380	661110	662298	0.85	cps
Rhodium	103-1	8357718	8590732	8315305	8421252	1.76	cps
Rhodium	103-2	3871358	3914782	3779276	3855139	1.79	cps
Scandium	45-1	7269531	7259468	6929077	7152692	2.71	cps
Scandium	45-2	201345	198274	197291	198970	1.06	cps
Selenium	82-1	233	285	219	246	14.00	cps
Selenium	77-2	177	207	143	176	18.04	cps
Selenium	78-2	159	161	161	160	0.72	cps
Silicon	28-1	8942659	9092119	8997003	9010594	0.84	cps
Silver	107-1	21075	20833	21717	21208	2.16	cps
Silver	109-1	20432	19706	19932	20023	1.86	cps
Sodium	23-2	84461	85719	85284	85154	0.75	cps
Strontium	86-1	407039	426990	422673	418901	2.51	cps
Strontium	88-1	3720805	3664581	3565545	3650310	2.15	cps
Sulfur	34-1	446141	445252	448185	446526	0.34	cps
Terbium	159-1	9719220	9818132	9946256	9827870	1.16	cps
Terbium	159-2	4246678	4250492	4388049	4295073	1.88	cps
Thallium	203-1	3826	4301	3884	4004	6.47	cps
Thallium	205-1	9771	9762	10429	9987	3.83	cps
Tin	118-1	36157	35848	36867	36291	1.44	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-02	Instrumnet Name :	P8
Client Sample ID :	MH1FC1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:36:59	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	218688	221555	222448	220897	0.89	cps
Uranium	238-1	31398	31457	32885	31913	2.64	cps
Vanadium	51-2	111484	110775	111262	111174	0.33	cps
Ytterbium	172-1	13657	13124	13249	13343	2.09	cps
Ytterbium	172-2	7191	7402	7452	7348	1.89	cps
Ytterbium	176-1	9804	9028	9395	9409	4.12	cps
Ytterbium	176-2	10482	10916	11194	10864	3.30	cps
Yttrium	89-1	15316202	15526855	15285676	15376244	0.85	cps
Yttrium	89-2	1563885	1559276	1511826	1544996	1.87	cps
Zinc	66-2	249354	246877	251266	249166	0.88	cps
Zirconium	90-1	24847	25123	25173	25048	0.70	cps
Zirconium	91-1	5401	5710	5710	5607	3.18	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-03 Instrumnet Name : P8
 Client Sample ID : MH1FC2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 16:39:56 DataFile Name : 109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	804114	813441	808630	808729	0.58	cps
Antimony	121-1	9695	9679	9629	9668	0.36	cps
Arsenic	75-2	5746	5827	5631	5734	1.72	cps
Barium	135-1	675548	667717	657742	667002	1.34	cps
Barium	137-1	1150075	1184856	1133042	1155991	2.28	cps
Beryllium	9-1	2206	2364	2292	2287	3.46	cps
Bismuth	209-1	4860666	4620111	4936128	4805635	3.43	cps
Bismuth	209-2	2879380	2880780	2897988	2886049	0.36	cps
Boron	10-1	1658	1860	1956	1824	8.34	cps
Boron	11-1	8503	9045	9143	8897	3.88	cps
Bromine	81-1	28679	27746	28087	28171	1.68	cps
Cadmium	111-1	7226	7263	7278	7256	0.37	cps
Cadmium	106-1	4484	4276	4109	4290	4.38	cps
Cadmium	108-1	433	583	550	522	15.08	cps
Calcium	43-1	1083533	1099384	1094975	1092631	0.75	cps
Calcium	44-1	17198536	17940148	18165417	17768034	2.85	cps
Carbon	12-1	5054079	5032361	5070877	5052439	0.38	cps
Carbon	12-2	52587	51717	53774	52693	1.96	cps
Chlorine	35-1	49543893	55808599	57707810	54353434	7.86	cps
Chlorine	35-2	365432	369388	371276	368699	0.81	cps
Chromium	52-2	46405	45445	45124	45658	1.46	cps
Cobalt	59-2	61938	59959	60478	60791	1.69	cps
Copper	63-2	227289	223135	226414	225613	0.97	cps
Dysprosium	156-1	60588	59759	61258	60535	1.24	cps
Dysprosium	156-2	27345	26814	27188	27115	1.01	cps
Erbium	164-1	52447	50623	51208	51426	1.81	cps
Erbium	164-2	22449	22422	21841	22238	1.54	cps
Gadolinium	160-1	57040	56872	58137	57350	1.20	cps
Gadolinium	160-2	29329	29399	30101	29610	1.44	cps
Holmium	165-1	8975733	8343618	9379272	8899541	5.87	cps
Holmium	165-2	4364305	4303442	4239862	4302536	1.45	cps
Indium	115-1	8464359	8037154	8677355	8392956	3.88	cps
Indium	115-2	1244590	1232006	1225747	1234115	0.78	cps
Iron	54-2	3174919	3163858	3099299	3146025	1.30	cps
Iron	56-2	56987312	56123318	57560051	56890227	1.27	cps
Iron	57-2	1516779	1459332	1459984	1478699	2.23	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-03	Instrumnet Name :	P8
Client Sample ID :	MH1FC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:39:56	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	943	1017	957	5.70	cps
Lead	206-1	1068092	1031217	1031049	1043452	2.04	cps
Lead	207-1	891081	875230	865454	877255	1.47	cps
Lead	208-1	4279645	4174280	4164838	4206254	1.52	cps
Lithium	6-1	2757593	2690809	2862742	2770381	3.13	cps
Magnesium	24-2	1530961	1505338	1498778	1511692	1.12	cps
Manganese	55-2	1188084	1174648	1162742	1175158	1.08	cps
Molybdenum	94-1	15668	15935	15200	15601	2.38	cps
Molybdenum	95-1	12798	12039	12890	12575	3.71	cps
Molybdenum	96-1	15843	15751	15334	15643	1.73	cps
Molybdenum	97-1	7652	7969	8128	7916	3.06	cps
Molybdenum	98-1	19322	20416	19873	19870	2.75	cps
Neodymium	150-1	105164	104654	104586	104801	0.30	cps
Neodymium	150-2	33285	33395	33234	33305	0.25	cps
Nickel	60-2	47800	48175	48211	48062	0.47	cps
Phosphorus	31-2	6777	6335	6577	6563	3.37	cps
Potassium	39-2	616306	626288	613405	618666	1.09	cps
Rhodium	103-1	8270325	7600022	8131397	8000581	4.42	cps
Rhodium	103-2	3816014	3839485	3845909	3833803	0.41	cps
Scandium	45-1	6868335	6622517	7084961	6858604	3.37	cps
Scandium	45-2	197268	195511	199828	197536	1.10	cps
Selenium	82-1	330	253	213	265	22.37	cps
Selenium	77-2	123	117	177	139	23.68	cps
Selenium	78-2	165	169	172	169	2.08	cps
Silicon	28-1	9105760	9306010	8996454	9136074	1.72	cps
Silver	107-1	10938	10554	11530	11007	4.47	cps
Silver	109-1	10813	10337	10471	10540	2.33	cps
Sodium	23-2	102032	102014	99682	101243	1.34	cps
Strontium	86-1	435342	428427	434694	432821	0.88	cps
Strontium	88-1	3664368	3713294	3806561	3728074	1.94	cps
Sulfur	34-1	437967	440150	441056	439724	0.36	cps
Terbium	159-1	9440342	8685470	9546979	9224264	5.09	cps
Terbium	159-2	4292062	4286660	4223958	4267560	0.89	cps
Thallium	203-1	3592	3384	3476	3484	3.00	cps
Thallium	205-1	7969	8253	8603	8275	3.84	cps
Tin	118-1	19573	20917	20074	20188	3.36	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-03	Instrumnet Name :	P8
Client Sample ID :	MH1FC2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:39:56	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	194740	198201	191959	194967	1.60	cps
Uranium	238-1	35442	36286	34590	35439	2.39	cps
Vanadium	51-2	117827	117051	116903	117260	0.42	cps
Ytterbium	172-1	14867	14166	13357	14130	5.35	cps
Ytterbium	172-2	7447	6974	7675	7365	4.85	cps
Ytterbium	176-1	9629	10062	9512	9734	2.98	cps
Ytterbium	176-2	10510	10716	10933	10719	1.97	cps
Yttrium	89-1	15023938	14387586	15114643	14842056	2.67	cps
Yttrium	89-2	1525614	1517727	1546031	1529791	0.95	cps
Zinc	66-2	91819	92500	91986	92102	0.39	cps
Zirconium	90-1	21901	22827	23721	22816	3.99	cps
Zirconium	91-1	5034	4993	5276	5101	3.00	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-04	Instrumnet Name :	P8
Client Sample ID :	MH1FC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:45:49	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	913096	907617	909667	910127	0.30	cps
Antimony	121-1	15376	14917	14958	15084	1.68	cps
Arsenic	75-2	5389	5516	5440	5448	1.17	cps
Barium	135-1	862857	866547	855241	861548	0.67	cps
Barium	137-1	1508487	1503414	1488865	1500256	0.68	cps
Beryllium	9-1	3232	3310	3302	3281	1.31	cps
Bismuth	209-1	4983133	5100322	4187863	4757106	10.44	cps
Bismuth	209-2	2922962	2896943	2873112	2897673	0.86	cps
Boron	10-1	4782	5168	5062	5004	3.99	cps
Boron	11-1	22627	24676	24926	24076	5.24	cps
Bromine	81-1	29431	27696	31347	29492	6.19	cps
Cadmium	111-1	19039	18287	17596	18307	3.94	cps
Cadmium	106-1	6218	5818	5143	5726	9.49	cps
Cadmium	108-1	1454	1392	1358	1401	3.47	cps
Calcium	43-1	3127819	3186619	3120096	3144845	1.16	cps
Calcium	44-1	50901889	50859285	49953821	50571665	1.06	cps
Carbon	12-1	7874486	8353416	8195733	8141212	3.00	cps
Carbon	12-2	86999	89413	87527	87980	1.44	cps
Chlorine	35-1	45667582	51249688	52983138	49966803	7.65	cps
Chlorine	35-2	355669	368601	375368	366546	2.73	cps
Chromium	52-2	125277	125368	125962	125536	0.30	cps
Cobalt	59-2	78301	78384	77935	78207	0.31	cps
Copper	63-2	628369	633514	625496	629126	0.65	cps
Dysprosium	156-1	55341	55098	57048	55829	1.90	cps
Dysprosium	156-2	26066	25765	25184	25671	1.75	cps
Erbium	164-1	47452	46826	45044	46440	2.69	cps
Erbium	164-2	21164	20416	20940	20840	1.84	cps
Gadolinium	160-1	53308	53290	52931	53176	0.40	cps
Gadolinium	160-2	27335	27405	26339	27026	2.21	cps
Holmium	165-1	9056278	9321952	7708067	8695432	9.95	cps
Holmium	165-2	4358690	4520391	4369053	4416044	2.05	cps
Indium	115-1	8515832	8960789	7489449	8322023	9.07	cps
Indium	115-2	1242585	1249859	1234321	1242255	0.63	cps
Iron	54-2	4746547	4792585	4726041	4755057	0.72	cps
Iron	56-2	86976333	86073005	87173630	86740989	0.68	cps
Iron	57-2	2252348	2233459	2206283	2230697	1.04	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-04	Instrumnet Name :	P8
Client Sample ID :	MH1FC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:45:49	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	897	977	967	6.78	cps
Lead	206-1	4317672	4369616	4209114	4298800	1.91	cps
Lead	207-1	3638127	3669368	3639935	3649143	0.48	cps
Lead	208-1	16825819	16902132	16663644	16797198	0.73	cps
Lithium	6-1	2849293	2836324	2349249	2678289	10.64	cps
Magnesium	24-2	5479094	5322704	5594654	5465484	2.50	cps
Manganese	55-2	2665519	2564676	2673166	2634454	2.30	cps
Molybdenum	94-1	17912	16869	17545	17442	3.03	cps
Molybdenum	95-1	13474	13974	14758	14069	4.60	cps
Molybdenum	96-1	19130	19422	20391	19648	3.36	cps
Molybdenum	97-1	8645	9120	9378	9048	4.11	cps
Molybdenum	98-1	23529	21467	21392	22129	5.48	cps
Neodymium	150-1	96083	96781	97324	96729	0.64	cps
Neodymium	150-2	31641	31324	30535	31166	1.83	cps
Nickel	60-2	55625	55464	55812	55634	0.31	cps
Phosphorus	31-2	11221	11221	11638	11360	2.12	cps
Potassium	39-2	878425	869659	883664	877249	0.81	cps
Rhodium	103-1	8306320	8575105	7248276	8043234	8.72	cps
Rhodium	103-2	3773465	3843318	3799141	3805308	0.93	cps
Scandium	45-1	7052597	7319537	6021031	6797721	10.09	cps
Scandium	45-2	199678	201264	199046	199996	0.57	cps
Selenium	82-1	245	388	413	348	26.04	cps
Selenium	77-2	143	153	163	153	6.52	cps
Selenium	78-2	148	151	147	149	1.40	cps
Silicon	28-1	9802254	9829616	9920199	9850690	0.63	cps
Silver	107-1	30217	31570	30184	30657	2.58	cps
Silver	109-1	29282	30827	29549	29886	2.76	cps
Sodium	23-2	143005	142088	143571	142888	0.52	cps
Strontium	86-1	783315	790584	797337	790412	0.89	cps
Strontium	88-1	6892983	6756032	6800472	6816496	1.02	cps
Sulfur	34-1	480209	481694	479262	480388	0.26	cps
Terbium	159-1	9963283	10071316	8307698	9447432	10.46	cps
Terbium	159-2	4462686	4310822	4372702	4382070	1.74	cps
Thallium	203-1	3651	3817	3592	3687	3.17	cps
Thallium	205-1	9370	9537	8553	9154	5.75	cps
Tin	118-1	92732	96029	93880	94214	1.78	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-04	Instrumnet Name :	P8
Client Sample ID :	MH1FC3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:45:49	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	281425	276466	285636	281176	1.63	cps
Uranium	238-1	48369	51932	49607	49969	3.62	cps
Vanadium	51-2	138886	139263	136911	138353	0.91	cps
Ytterbium	172-1	13499	12598	13149	13082	3.47	cps
Ytterbium	172-2	6980	6991	7224	7065	1.95	cps
Ytterbium	176-1	8903	9762	8478	9048	7.23	cps
Ytterbium	176-2	10760	10654	10627	10680	0.66	cps
Yttrium	89-1	14991636	15518073	13015626	14508445	9.09	cps
Yttrium	89-2	1513273	1556801	1530917	1533664	1.43	cps
Zinc	66-2	666939	672066	675308	671438	0.63	cps
Zirconium	90-1	26058	26902	26801	26587	1.73	cps
Zirconium	91-1	5910	5926	5801	5879	1.16	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-05	Instrumnet Name :	P8
Client Sample ID :	MH1FC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:48:42	DataFile Name :	112AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1021769	1019016	1011883	1017556	0.50	cps
Antimony	121-1	15117	14642	16018	15259	4.58	cps
Arsenic	75-2	6731	6668	6689	6696	0.48	cps
Barium	135-1	887240	923257	933435	914644	2.65	cps
Barium	137-1	1665161	1556535	1582381	1601359	3.54	cps
Beryllium	9-1	3672	3628	3680	3660	0.77	cps
Bismuth	209-1	4965093	5184853	4239461	4796469	10.31	cps
Bismuth	209-2	2973916	2911313	2816560	2900596	2.73	cps
Boron	10-1	4442	4322	4628	4464	3.45	cps
Boron	11-1	20767	21782	22623	21724	4.28	cps
Bromine	81-1	31970	29532	30796	30766	3.96	cps
Cadmium	111-1	22363	21587	22887	22279	2.94	cps
Cadmium	106-1	6235	5451	5318	5668	8.74	cps
Cadmium	108-1	1608	1788	1783	1727	5.92	cps
Calcium	43-1	1985438	2015296	2044752	2015162	1.47	cps
Calcium	44-1	32303715	32061394	33434437	32599849	2.25	cps
Carbon	12-1	7834620	7820881	8163196	7939566	2.44	cps
Carbon	12-2	83765	84619	83639	84008	0.63	cps
Chlorine	35-1	45874468	50642065	53962221	50159584	8.10	cps
Chlorine	35-2	364818	389187	401352	385119	4.83	cps
Chromium	52-2	94439	94211	93963	94204	0.25	cps
Cobalt	59-2	86887	87027	86484	86799	0.32	cps
Copper	63-2	766907	760577	765186	764223	0.43	cps
Dysprosium	156-1	62656	65252	65235	64381	2.32	cps
Dysprosium	156-2	28895	29072	28020	28662	1.97	cps
Erbium	164-1	52747	51710	55040	53166	3.21	cps
Erbium	164-2	23307	23174	23290	23257	0.31	cps
Gadolinium	160-1	57718	59208	58639	58522	1.28	cps
Gadolinium	160-2	30699	30612	30709	30673	0.17	cps
Holmium	165-1	9293011	9206606	7434453	8644690	12.13	cps
Holmium	165-2	4361609	4352613	4202771	4305664	2.07	cps
Indium	115-1	8856809	8559794	6874545	8097049	13.20	cps
Indium	115-2	1255663	1251562	1231000	1246075	1.06	cps
Iron	54-2	4827513	4714691	4631708	4724638	2.08	cps
Iron	56-2	87471244	83933385	87893221	86432617	2.52	cps
Iron	57-2	2197048	2167690	2214376	2193038	1.08	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-05	Instrumnet Name :	P8
Client Sample ID :	MH1FC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:48:42	DataFile Name :	112AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	970	1103	1044	6.51	cps
Lead	206-1	4663058	4611531	4708822	4661137	1.04	cps
Lead	207-1	4014801	3964129	3996077	3991669	0.64	cps
Lead	208-1	17883909	18126116	18720174	18243400	2.36	cps
Lithium	6-1	2792994	2775852	2247877	2605574	11.89	cps
Magnesium	24-2	2294646	2331974	2312883	2313168	0.81	cps
Manganese	55-2	2684967	2621757	2657825	2654850	1.19	cps
Molybdenum	94-1	19831	19848	21150	20276	3.73	cps
Molybdenum	95-1	13757	13949	14033	13913	1.02	cps
Molybdenum	96-1	18822	19514	19322	19219	1.86	cps
Molybdenum	97-1	8169	8628	8886	8561	4.24	cps
Molybdenum	98-1	21158	21876	22702	21912	3.53	cps
Neodymium	150-1	108463	106212	108684	107786	1.27	cps
Neodymium	150-2	36125	35644	35253	35674	1.22	cps
Nickel	60-2	61338	62276	61643	61752	0.77	cps
Phosphorus	31-2	10462	10371	10429	10421	0.45	cps
Potassium	39-2	838548	832358	842542	837816	0.61	cps
Rhodium	103-1	8374064	8182761	6736327	7764384	11.53	cps
Rhodium	103-2	3728745	3789550	3797093	3771796	0.99	cps
Scandium	45-1	7116974	7101985	5753909	6657622	11.76	cps
Scandium	45-2	196284	195191	197006	196160	0.47	cps
Selenium	82-1	217	312	223	250	21.32	cps
Selenium	77-2	193	170	180	181	6.47	cps
Selenium	78-2	155	166	145	155	6.76	cps
Silicon	28-1	9886736	9786427	10237335	9970166	2.37	cps
Silver	107-1	37468	39115	37853	38145	2.26	cps
Silver	109-1	36282	36975	39642	37633	4.71	cps
Sodium	23-2	144994	143419	144225	144213	0.55	cps
Strontium	86-1	761502	763233	771918	765551	0.73	cps
Strontium	88-1	6434896	6578027	6634529	6549151	1.57	cps
Sulfur	34-1	469716	458563	462207	463495	1.23	cps
Terbium	159-1	9417115	9841958	7928802	9062625	11.09	cps
Terbium	159-2	4285693	4325220	4350001	4320305	0.75	cps
Thallium	203-1	4893	4726	4859	4826	1.83	cps
Thallium	205-1	11764	11089	12048	11633	4.24	cps
Tin	118-1	90350	92180	91498	91342	1.01	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-05	Instrumnet Name :	P8
Client Sample ID :	MH1FC4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:48:42	DataFile Name :	112AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	286998	288463	298753	291405	2.20	cps
Uranium	238-1	51314	52041	53506	52287	2.14	cps
Vanadium	51-2	140377	140340	140293	140337	0.03	cps
Ytterbium	172-1	15293	15418	15426	15379	0.49	cps
Ytterbium	172-2	7936	8114	7791	7947	2.03	cps
Ytterbium	176-1	10513	10146	9771	10143	3.66	cps
Ytterbium	176-2	10415	11227	10927	10857	3.78	cps
Yttrium	89-1	15388700	15332501	12359768	14360323	12.07	cps
Yttrium	89-2	1540124	1545095	1556637	1547285	0.55	cps
Zinc	66-2	669049	657000	663472	663174	0.91	cps
Zirconium	90-1	32831	34143	33959	33644	2.11	cps
Zirconium	91-1	7711	7577	7410	7566	1.99	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-06	Instrumnet Name :	P8
Client Sample ID :	MH1FC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:51:37	DataFile Name :	113AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	945869	942076	936145	941363	0.52	cps
Antimony	121-1	11622	10930	10896	11149	3.67	cps
Arsenic	75-2	6076	6009	5942	6009	1.12	cps
Barium	135-1	667279	673178	691451	677303	1.86	cps
Barium	137-1	1184337	1170762	1173014	1176038	0.62	cps
Beryllium	9-1	2984	3012	2908	2968	1.81	cps
Bismuth	209-1	5236529	4954246	4980455	5057077	3.08	cps
Bismuth	209-2	2871569	2813446	2850897	2845304	1.04	cps
Boron	10-1	2586	2710	2748	2681	3.16	cps
Boron	11-1	12697	13061	13225	12995	2.08	cps
Bromine	81-1	28629	29181	29441	29084	1.43	cps
Cadmium	111-1	13603	12390	12630	12874	4.99	cps
Cadmium	106-1	5184	5034	4851	5023	3.32	cps
Cadmium	108-1	979	1033	1004	1006	2.70	cps
Calcium	43-1	860232	856102	851874	856069	0.49	cps
Calcium	44-1	14030414	13711434	13858112	13866653	1.15	cps
Carbon	12-1	5935380	5795649	5799049	5843359	1.36	cps
Carbon	12-2	62182	61463	59973	61206	1.84	cps
Chlorine	35-1	49886655	54299736	58195330	54127240	7.68	cps
Chlorine	35-2	374586	381093	384773	380151	1.36	cps
Chromium	52-2	53951	53714	53500	53722	0.42	cps
Cobalt	59-2	71294	69787	69864	70315	1.21	cps
Copper	63-2	474426	469714	464079	469406	1.10	cps
Dysprosium	156-1	65403	66400	64918	65574	1.15	cps
Dysprosium	156-2	29820	29289	28724	29278	1.87	cps
Erbium	164-1	52388	53375	53467	53077	1.13	cps
Erbium	164-2	23968	24075	23521	23855	1.23	cps
Gadolinium	160-1	59140	60481	58320	59314	1.84	cps
Gadolinium	160-2	31090	30672	30515	30759	0.97	cps
Holmium	165-1	9459654	9204037	9219810	9294501	1.54	cps
Holmium	165-2	4234265	4435236	4298953	4322818	2.37	cps
Indium	115-1	8791608	8872268	8451241	8705039	2.57	cps
Indium	115-2	1244390	1239908	1233851	1239383	0.43	cps
Iron	54-2	3704899	3685562	3635394	3675285	0.98	cps
Iron	56-2	67303947	66032861	66576360	66637723	0.96	cps
Iron	57-2	1695065	1740506	1670629	1702067	2.08	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-06	Instrumnet Name :	P8
Client Sample ID :	MH1FC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:51:37	DataFile Name :	113AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1083	1073	1066	2.13	cps
Lead	206-1	2128779	2102143	2042123	2091015	2.12	cps
Lead	207-1	1833664	1856984	1756194	1815614	2.91	cps
Lead	208-1	8501965	8430730	8244198	8392298	1.59	cps
Lithium	6-1	2887866	2674814	2759951	2774210	3.87	cps
Magnesium	24-2	1446985	1425139	1440616	1437580	0.78	cps
Manganese	55-2	1628136	1586182	1614657	1609658	1.33	cps
Molybdenum	94-1	14717	16260	16035	15670	5.32	cps
Molybdenum	95-1	11822	11255	11680	11586	2.55	cps
Molybdenum	96-1	16343	16060	16394	16266	1.11	cps
Molybdenum	97-1	7085	7277	7294	7219	1.60	cps
Molybdenum	98-1	18213	18079	18121	18137	0.38	cps
Neodymium	150-1	113901	112179	111723	112601	1.02	cps
Neodymium	150-2	36296	35778	35668	35914	0.93	cps
Nickel	60-2	46442	47399	47927	47256	1.59	cps
Phosphorus	31-2	7152	6710	7119	6994	3.52	cps
Potassium	39-2	757102	748872	755486	753820	0.58	cps
Rhodium	103-1	8368296	8180450	8170335	8239694	1.35	cps
Rhodium	103-2	3801417	3792140	3766148	3786569	0.48	cps
Scandium	45-1	6945526	6945821	6989174	6960173	0.36	cps
Scandium	45-2	195641	196638	196751	196344	0.31	cps
Selenium	82-1	218	197	183	199	8.94	cps
Selenium	77-2	173	153	190	172	10.66	cps
Selenium	78-2	189	157	206	184	13.52	cps
Silicon	28-1	9276301	9071309	8832863	9060157	2.45	cps
Silver	107-1	21375	21017	21809	21400	1.85	cps
Silver	109-1	20891	20224	21075	20730	2.16	cps
Sodium	23-2	112853	113961	112121	112978	0.82	cps
Strontium	86-1	443705	456588	465362	455219	2.39	cps
Strontium	88-1	3984616	3896197	3982447	3954420	1.28	cps
Sulfur	34-1	451842	451832	446028	449900	0.75	cps
Terbium	159-1	9405746	9797715	9819583	9674348	2.41	cps
Terbium	159-2	4205400	4315000	4263905	4261435	1.29	cps
Thallium	203-1	4142	4434	4668	4415	5.96	cps
Thallium	205-1	9829	10063	10638	10177	4.09	cps
Tin	118-1	46312	47408	46137	46619	1.48	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-06	Instrumnet Name :	P8
Client Sample ID :	MH1FC5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:51:37	DataFile Name :	113AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	209706	207813	206185	207902	0.85	cps
Uranium	238-1	40273	39069	39462	39602	1.55	cps
Vanadium	51-2	124109	123501	122694	123435	0.58	cps
Ytterbium	172-1	15751	14525	14708	14995	4.41	cps
Ytterbium	172-2	8053	7914	7680	7882	2.39	cps
Ytterbium	176-1	10162	10438	9720	10107	3.58	cps
Ytterbium	176-2	10938	11505	10499	10981	4.59	cps
Yttrium	89-1	15564930	15459866	15503467	15509421	0.34	cps
Yttrium	89-2	1548581	1480711	1528258	1519183	2.29	cps
Zinc	66-2	266205	262846	264925	264659	0.64	cps
Zirconium	90-1	26050	25682	25031	25588	2.02	cps
Zirconium	91-1	5201	5843	5368	5471	6.09	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-07 Instrumnet Name : P8
 Client Sample ID : MH1FC6 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 16:54:31 DataFile Name : 114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883349	872165	884284	879932	0.77	cps
Antimony	121-1	7777	7969	8336	8028	3.54	cps
Arsenic	75-2	5510	5529	5475	5504	0.50	cps
Barium	135-1	733316	735173	747869	738786	1.07	cps
Barium	137-1	1261618	1264260	1281768	1269215	0.86	cps
Beryllium	9-1	2380	2380	2404	2388	0.58	cps
Bismuth	209-1	5161028	4840281	4960969	4987426	3.25	cps
Bismuth	209-2	2882061	2180631	2653054	2571916	13.91	cps
Boron	10-1	1934	2112	2034	2026	4.40	cps
Boron	11-1	9599	10047	10154	9933	2.96	cps
Bromine	81-1	32983	33023	31698	32568	2.31	cps
Cadmium	111-1	5695	5496	5426	5539	2.51	cps
Cadmium	106-1	4217	4209	4034	4154	2.49	cps
Cadmium	108-1	392	400	475	422	10.87	cps
Calcium	43-1	2495719	2491110	2452618	2479816	0.95	cps
Calcium	44-1	39623043	39660246	39639586	39640959	0.05	cps
Carbon	12-1	5501213	5616386	5731193	5616264	2.05	cps
Carbon	12-2	59321	60017	58358	59232	1.41	cps
Chlorine	35-1	48113929	53605416	56719372	52812906	8.25	cps
Chlorine	35-2	361611	367350	384367	371109	3.19	cps
Chromium	52-2	44309	44543	46275	45042	2.38	cps
Cobalt	59-2	56244	56475	56528	56416	0.27	cps
Copper	63-2	197752	199204	199882	198946	0.55	cps
Dysprosium	156-1	62447	62422	62196	62355	0.22	cps
Dysprosium	156-2	27852	27702	27538	27698	0.57	cps
Erbium	164-1	49761	48966	50004	49577	1.09	cps
Erbium	164-2	22539	23274	21695	22503	3.51	cps
Gadolinium	160-1	58897	55626	56714	57079	2.92	cps
Gadolinium	160-2	29235	29252	29042	29176	0.40	cps
Holmium	165-1	8932720	9008544	8942162	8961142	0.46	cps
Holmium	165-2	4432133	3350584	4023190	3935302	13.88	cps
Indium	115-1	8723512	8770774	8545889	8680058	1.37	cps
Indium	115-2	1254155	967656	1151646	1124486	12.91	cps
Iron	54-2	2665220	2738023	2675081	2692775	1.47	cps
Iron	56-2	50538748	50766659	50190428	50498612	0.57	cps
Iron	57-2	1206217	1204003	1219882	1210034	0.71	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-07	Instrumnet Name :	P8
Client Sample ID :	MH1FC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:54:31	DataFile Name :	114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	930	940	970	6.27	cps
Lead	206-1	528106	537531	532873	532837	0.88	cps
Lead	207-1	452702	454240	452247	453063	0.23	cps
Lead	208-1	2077571	2048835	2092315	2072907	1.07	cps
Lithium	6-1	2758272	2792921	2797199	2782797	0.77	cps
Magnesium	24-2	1529731	1540788	1602103	1557541	2.50	cps
Manganese	55-2	822496	831925	811309	821910	1.26	cps
Molybdenum	94-1	14358	16202	15059	15206	6.12	cps
Molybdenum	95-1	11513	11155	11372	11347	1.59	cps
Molybdenum	96-1	15542	14833	14783	15053	2.82	cps
Molybdenum	97-1	7027	7335	6819	7060	3.68	cps
Molybdenum	98-1	17979	17728	17987	17898	0.82	cps
Neodymium	150-1	105546	106270	104652	105489	0.77	cps
Neodymium	150-2	34010	34454	33943	34136	0.81	cps
Nickel	60-2	45335	46188	45115	45546	1.24	cps
Phosphorus	31-2	6560	6677	6852	6696	2.19	cps
Potassium	39-2	622810	624136	625349	624098	0.20	cps
Rhodium	103-1	8307295	8127597	8155513	8196802	1.18	cps
Rhodium	103-2	3843721	3028650	3476442	3449604	11.83	cps
Scandium	45-1	7059011	7079726	6878664	7005800	1.58	cps
Scandium	45-2	197695	151477	180884	176685	13.24	cps
Selenium	82-1	200	245	289	244	18.14	cps
Selenium	77-2	133	160	153	149	9.32	cps
Selenium	78-2	162	162	158	161	1.44	cps
Silicon	28-1	8984650	9244436	9172347	9133811	1.47	cps
Silver	107-1	6660	6660	6910	6744	2.14	cps
Silver	109-1	6577	6527	6735	6613	1.65	cps
Sodium	23-2	116169	116792	114733	115898	0.91	cps
Strontium	86-1	534997	547202	543140	541780	1.15	cps
Strontium	88-1	4699595	4620445	4833736	4717926	2.29	cps
Sulfur	34-1	454467	453223	455552	454414	0.26	cps
Terbium	159-1	10128234	9952893	9454159	9845095	3.55	cps
Terbium	159-2	4302026	3325472	4006691	3878063	12.91	cps
Thallium	203-1	3609	3217	3217	3348	6.76	cps
Thallium	205-1	7244	7861	7319	7475	4.50	cps
Tin	118-1	12164	12590	13115	12623	3.77	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-07	Instrumnet Name :	P8
Client Sample ID :	MH1FC6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:54:31	DataFile Name :	114AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	165061	165573	163318	164651	0.72	cps
Uranium	238-1	42531	41853	42088	42157	0.82	cps
Vanadium	51-2	116556	116611	119165	117444	1.27	cps
Ytterbium	172-1	14016	13291	14417	13908	4.10	cps
Ytterbium	172-2	7147	7663	7258	7356	3.70	cps
Ytterbium	176-1	9287	9687	9670	9548	2.37	cps
Ytterbium	176-2	10921	9487	10849	10419	7.76	cps
Yttrium	89-1	15869709	14923069	15304080	15365619	3.10	cps
Yttrium	89-2	1534327	1230706	1394577	1386537	10.96	cps
Zinc	66-2	80474	80290	79056	79940	0.96	cps
Zirconium	90-1	23771	22978	24188	23646	2.60	cps
Zirconium	91-1	5218	5293	5318	5276	0.99	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-08	Instrumnet Name :	P8
Client Sample ID :	MH1FC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:57:29	DataFile Name :	115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1078087	1075992	1062983	1072354	0.76	cps
Antimony	121-1	16085	15918	15684	15896	1.26	cps
Arsenic	75-2	6361	6065	6423	6283	3.05	cps
Barium	135-1	1128740	1137029	1118327	1128032	0.83	cps
Barium	137-1	1962315	1932890	2003530	1966245	1.80	cps
Beryllium	9-1	3828	3872	3968	3889	1.84	cps
Bismuth	209-1	5082713	5087169	5086778	5085553	0.05	cps
Bismuth	209-2	2891227	2860635	2768464	2840109	2.25	cps
Boron	10-1	4478	4674	4860	4671	4.09	cps
Boron	11-1	22214	22717	23853	22928	3.66	cps
Bromine	81-1	29241	28649	29201	29030	1.14	cps
Cadmium	111-1	20607	20201	20366	20391	1.00	cps
Cadmium	106-1	6077	5743	5560	5793	4.52	cps
Cadmium	108-1	1692	1538	1633	1621	4.80	cps
Calcium	43-1	2224627	2266932	2338260	2276606	2.52	cps
Calcium	44-1	34484083	36133741	36471477	35696434	2.98	cps
Carbon	12-1	8904692	9006599	8875881	8929057	0.77	cps
Carbon	12-2	96542	94487	93137	94722	1.81	cps
Chlorine	35-1	52790196	59173460	63557293	58506983	9.25	cps
Chlorine	35-2	382626	379229	380002	380619	0.47	cps
Chromium	52-2	91477	92165	91091	91577	0.59	cps
Cobalt	59-2	74145	72892	72768	73268	1.04	cps
Copper	63-2	533361	528493	524887	528914	0.80	cps
Dysprosium	156-1	69113	71283	67212	69203	2.94	cps
Dysprosium	156-2	30001	30401	30689	30364	1.14	cps
Erbium	164-1	54094	55793	56287	55391	2.08	cps
Erbium	164-2	24346	24386	24763	24498	0.94	cps
Gadolinium	160-1	61184	62740	62941	62288	1.54	cps
Gadolinium	160-2	32660	32306	31641	32202	1.61	cps
Holmium	165-1	8917599	9174156	9431492	9174415	2.80	cps
Holmium	165-2	4394377	4235632	4257022	4295677	2.01	cps
Indium	115-1	8315362	8461157	8846810	8541110	3.22	cps
Indium	115-2	1230874	1235054	1246764	1237564	0.67	cps
Iron	54-2	4173010	4072146	4040035	4095063	1.69	cps
Iron	56-2	73286646	73582341	73792874	73553953	0.35	cps
Iron	57-2	1887684	1870252	1839081	1865673	1.32	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-08	Instrumnet Name :	P8
Client Sample ID :	MH1FC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:57:29	DataFile Name :	115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	990	1020	1031	4.62	cps
Lead	206-1	3943929	3884653	3789568	3872716	2.01	cps
Lead	207-1	3303617	3233218	3229269	3255368	1.29	cps
Lead	208-1	15062328	15084390	14858785	15001834	0.83	cps
Lithium	6-1	2790866	2788664	2835437	2804989	0.94	cps
Magnesium	24-2	1699123	1638752	1684100	1673992	1.88	cps
Manganese	55-2	1805473	1832861	1823161	1820498	0.76	cps
Molybdenum	94-1	24881	25198	26000	25360	2.27	cps
Molybdenum	95-1	15259	15634	15250	15381	1.43	cps
Molybdenum	96-1	19906	20958	20891	20585	2.86	cps
Molybdenum	97-1	9178	8378	9670	9075	7.19	cps
Molybdenum	98-1	23846	23454	23120	23473	1.55	cps
Neodymium	150-1	117067	115481	117209	116586	0.82	cps
Neodymium	150-2	38311	39151	37747	38403	1.84	cps
Nickel	60-2	49265	50275	50068	49869	1.07	cps
Phosphorus	31-2	18137	17544	18729	18137	3.27	cps
Potassium	39-2	993459	979361	992248	988356	0.79	cps
Rhodium	103-1	8220690	8347243	8502466	8356800	1.69	cps
Rhodium	103-2	3763821	3753932	3741732	3753162	0.29	cps
Scandium	45-1	6644720	7057116	7255482	6985773	4.46	cps
Scandium	45-2	195421	193218	192664	193768	0.75	cps
Selenium	82-1	247	377	371	332	22.10	cps
Selenium	77-2	163	157	143	154	6.59	cps
Selenium	78-2	169	190	218	192	12.78	cps
Silicon	28-1	10083570	10240620	9998449	10107547	1.22	cps
Silver	107-1	29482	29657	30852	29997	2.49	cps
Silver	109-1	29098	28973	28597	28889	0.90	cps
Sodium	23-2	197509	193775	194782	195355	0.99	cps
Strontium	86-1	973350	976851	967246	972482	0.50	cps
Strontium	88-1	8200125	8430064	8117704	8249297	1.96	cps
Sulfur	34-1	501577	497021	492933	497177	0.87	cps
Terbium	159-1	9457350	9988269	9798858	9748159	2.76	cps
Terbium	159-2	4281131	4153793	4260218	4231714	1.61	cps
Thallium	203-1	3734	3717	3934	3795	3.18	cps
Thallium	205-1	9329	9220	9529	9359	1.67	cps
Tin	118-1	121278	124877	125288	123814	1.78	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-08	Instrumnet Name :	P8
Client Sample ID :	MH1FC7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 16:57:29	DataFile Name :	115AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	345964	357037	354798	352599	1.66	cps
Uranium	238-1	76894	78779	78672	78115	1.36	cps
Vanadium	51-2	137187	136383	136490	136687	0.32	cps
Ytterbium	172-1	16336	15952	15935	16074	1.41	cps
Ytterbium	172-2	8153	8242	8736	8377	3.75	cps
Ytterbium	176-1	10946	10680	10413	10680	2.50	cps
Ytterbium	176-2	11861	11066	12045	11657	4.46	cps
Yttrium	89-1	15087374	15454209	15058246	15199943	1.45	cps
Yttrium	89-2	1521070	1494332	1493562	1502988	1.04	cps
Zinc	66-2	704556	703206	709891	705884	0.50	cps
Zirconium	90-1	45627	45149	45032	45269	0.70	cps
Zirconium	91-1	9462	10029	10062	9851	3.43	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-09 Instrumnet Name : P8
 Client Sample ID : MH1FC8 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:00:22 DataFile Name : 116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1159649	1126712	1137218	1141193	1.47	cps
Antimony	121-1	15609	15626	15893	15709	1.01	cps
Arsenic	75-2	9261	8880	9079	9073	2.10	cps
Barium	135-1	1400021	1410139	1451816	1420659	1.93	cps
Barium	137-1	2507104	2461147	2596232	2521495	2.72	cps
Beryllium	9-1	4446	4480	4636	4520	2.24	cps
Bismuth	209-1	5305111	5126356	4781999	5071155	5.24	cps
Bismuth	209-2	2925308	2820778	2909105	2885064	1.95	cps
Boron	10-1	6536	7520	7681	7246	8.55	cps
Boron	11-1	32878	35865	36807	35183	5.83	cps
Bromine	81-1	30394	31207	30916	30839	1.34	cps
Cadmium	111-1	17828	18708	19046	18527	3.39	cps
Cadmium	106-1	5710	5526	5535	5590	1.85	cps
Cadmium	108-1	1400	1350	1442	1397	3.29	cps
Calcium	43-1	2860596	2940681	2954117	2918465	1.73	cps
Calcium	44-1	46853050	46804426	48149079	47268851	1.61	cps
Carbon	12-1	6577728	6850844	6604644	6677739	2.25	cps
Carbon	12-2	71298	69498	69833	70210	1.36	cps
Chlorine	35-1	44456357	50637480	53680232	49591357	9.48	cps
Chlorine	35-2	360007	366835	379500	368781	2.68	cps
Chromium	52-2	82640	82835	82262	82579	0.35	cps
Cobalt	59-2	83979	83403	84056	83813	0.43	cps
Copper	63-2	602087	597152	596617	598619	0.50	cps
Dysprosium	156-1	69013	72339	68653	70002	2.90	cps
Dysprosium	156-2	31173	30077	30816	30689	1.82	cps
Erbium	164-1	58221	57852	58664	58245	0.70	cps
Erbium	164-2	25391	24463	25438	25097	2.19	cps
Gadolinium	160-1	62280	62624	63645	62850	1.13	cps
Gadolinium	160-2	32099	32801	32720	32540	1.18	cps
Holmium	165-1	9328934	9287947	8812328	9143069	3.14	cps
Holmium	165-2	4432373	4237720	4323372	4331155	2.25	cps
Indium	115-1	8974371	8461019	8151362	8528917	4.87	cps
Indium	115-2	1236199	1222779	1227503	1228827	0.55	cps
Iron	54-2	3971490	3928445	3977989	3959308	0.68	cps
Iron	56-2	72534193	72606454	71999307	72379985	0.46	cps
Iron	57-2	1856872	1791403	1845555	1831277	1.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-09	Instrumnet Name :	P8
Client Sample ID :	MH1FC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:00:22	DataFile Name :	116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	1033	977	999	3.03	cps
Lead	206-1	4460269	4367211	4408266	4411915	1.06	cps
Lead	207-1	3809380	3679034	3657559	3715324	2.21	cps
Lead	208-1	17569024	17064558	16945171	17192918	1.93	cps
Lithium	6-1	2763947	2834791	2650285	2749674	3.39	cps
Magnesium	24-2	1681539	1627202	1616147	1641629	2.13	cps
Manganese	55-2	2056746	2032621	2033253	2040873	0.67	cps
Molybdenum	94-1	25624	24347	26042	25338	3.49	cps
Molybdenum	95-1	15885	16235	16410	16177	1.65	cps
Molybdenum	96-1	21467	21092	20858	21139	1.45	cps
Molybdenum	97-1	9737	10062	10346	10048	3.03	cps
Molybdenum	98-1	25566	25123	26535	25741	2.80	cps
Neodymium	150-1	115123	116025	120391	117180	2.40	cps
Neodymium	150-2	37085	37466	37145	37232	0.55	cps
Nickel	60-2	57004	57348	57529	57294	0.47	cps
Phosphorus	31-2	16176	15384	16042	15867	2.67	cps
Potassium	39-2	912921	915478	914985	914461	0.15	cps
Rhodium	103-1	8371257	8261374	7641989	8091540	4.86	cps
Rhodium	103-2	3858528	3795046	3751919	3801831	1.41	cps
Scandium	45-1	7056232	6847634	6819283	6907716	1.87	cps
Scandium	45-2	195970	189026	192213	192403	1.81	cps
Selenium	82-1	429	407	389	408	4.91	cps
Selenium	77-2	173	157	210	180	15.16	cps
Selenium	78-2	172	212	180	188	11.26	cps
Silicon	28-1	9614328	10084978	9566944	9755417	2.94	cps
Silver	107-1	29599	31812	31579	30997	3.92	cps
Silver	109-1	28722	30242	29758	29574	2.63	cps
Sodium	23-2	317563	311088	306752	311801	1.74	cps
Strontium	86-1	1259205	1274691	1270888	1268261	0.64	cps
Strontium	88-1	10894905	11086518	11057922	11013115	0.94	cps
Sulfur	34-1	473026	482822	482296	479381	1.15	cps
Terbium	159-1	9567197	10006329	9315790	9629772	3.63	cps
Terbium	159-2	4308248	4233667	4325384	4289100	1.14	cps
Thallium	203-1	4309	4559	5076	4648	8.41	cps
Thallium	205-1	10796	11714	10797	11102	4.77	cps
Tin	118-1	171872	172910	172463	172415	0.30	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-09	Instrumnet Name :	P8
Client Sample ID :	MH1FC8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:00:22	DataFile Name :	116AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	360495	351938	365826	359420	1.95	cps
Uranium	238-1	74588	77388	76389	76121	1.86	cps
Vanadium	51-2	147061	144168	147077	146102	1.15	cps
Ytterbium	172-1	16127	17128	17053	16769	3.33	cps
Ytterbium	172-2	8764	9192	9387	9114	3.49	cps
Ytterbium	176-1	10788	11480	11105	11125	3.12	cps
Ytterbium	176-2	11633	11600	12100	11778	2.38	cps
Yttrium	89-1	15306843	15610883	14370926	15096217	4.28	cps
Yttrium	89-2	1548106	1516873	1512335	1525771	1.28	cps
Zinc	66-2	598958	590758	593200	594305	0.71	cps
Zirconium	90-1	43001	44531	42148	43226	2.79	cps
Zirconium	91-1	9562	9579	9103	9415	2.87	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-10 Instrumnet Name : P8
 Client Sample ID : MH1FC9 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:03:17 DataFile Name : 117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1333357	1332337	1286235	1317310	2.04	cps
Antimony	121-1	14158	14859	14825	14614	2.71	cps
Arsenic	75-2	9057	9007	8833	8965	1.31	cps
Barium	135-1	1401026	1383999	1406807	1397277	0.85	cps
Barium	137-1	2456792	2520433	2487213	2488146	1.28	cps
Beryllium	9-1	5048	4850	5106	5001	2.68	cps
Bismuth	209-1	5197342	5150630	5104095	5150689	0.91	cps
Bismuth	209-2	2767972	2564257	2809582	2713937	4.84	cps
Boron	10-1	7250	7657	7983	7630	4.81	cps
Boron	11-1	34558	37052	37681	36430	4.53	cps
Bromine	81-1	30605	31699	31237	31180	1.76	cps
Cadmium	111-1	16971	17378	17363	17237	1.34	cps
Cadmium	106-1	5093	5368	5159	5207	2.76	cps
Cadmium	108-1	1363	1488	1283	1378	7.47	cps
Calcium	43-1	2260675	2459867	2384824	2368455	4.25	cps
Calcium	44-1	37406798	38381082	37657452	37815111	1.34	cps
Carbon	12-1	6839781	6598592	7033044	6823806	3.19	cps
Carbon	12-2	68485	70369	68074	68976	1.77	cps
Chlorine	35-1	48788719	55164066	58600058	54184281	9.19	cps
Chlorine	35-2	365830	369601	375287	370240	1.29	cps
Chromium	52-2	74021	74828	74506	74452	0.55	cps
Cobalt	59-2	95706	95471	92422	94533	1.94	cps
Copper	63-2	571739	587897	576313	578650	1.44	cps
Dysprosium	156-1	76227	77057	77225	76837	0.70	cps
Dysprosium	156-2	34952	35170	34050	34724	1.71	cps
Erbium	164-1	64432	66409	65421	65421	1.51	cps
Erbium	164-2	28688	28210	28110	28336	1.09	cps
Gadolinium	160-1	71694	73595	71711	72333	1.51	cps
Gadolinium	160-2	37219	36704	37208	37044	0.79	cps
Holmium	165-1	9348161	9385928	9363536	9365875	0.20	cps
Holmium	165-2	4378917	4030154	4359410	4256160	4.60	cps
Indium	115-1	8502430	8521851	8734752	8586345	1.50	cps
Indium	115-2	1214399	1122725	1221478	1186201	4.64	cps
Iron	54-2	4567358	4575105	4540529	4560997	0.40	cps
Iron	56-2	83016785	82437913	82625188	82693295	0.36	cps
Iron	57-2	2105776	2117366	2109175	2110772	0.28	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-10	Instrumnet Name :	P8
Client Sample ID :	MH1FC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:03:17	DataFile Name :	117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1163	1120	970	1085	9.36	cps
Lead	206-1	4018745	4032516	4005829	4019030	0.33	cps
Lead	207-1	3270176	3457089	3392152	3373139	2.81	cps
Lead	208-1	15511355	15794333	15474675	15593454	1.12	cps
Lithium	6-1	2814289	2862909	2824806	2834001	0.90	cps
Magnesium	24-2	1733903	1646044	1618908	1666285	3.61	cps
Manganese	55-2	2229000	2194542	2212079	2211874	0.78	cps
Molybdenum	94-1	28580	28263	28547	28463	0.61	cps
Molybdenum	95-1	17645	16460	17395	17167	3.64	cps
Molybdenum	96-1	22953	23646	23863	23487	2.02	cps
Molybdenum	97-1	9578	10479	10554	10204	5.32	cps
Molybdenum	98-1	26768	26626	27453	26949	1.64	cps
Neodymium	150-1	132031	132839	133990	132954	0.74	cps
Neodymium	150-2	42651	42507	41661	42273	1.26	cps
Nickel	60-2	57061	58041	57275	57459	0.90	cps
Phosphorus	31-2	12839	13515	13373	13242	2.69	cps
Potassium	39-2	927487	901547	899138	909391	1.73	cps
Rhodium	103-1	8250368	8120545	8540976	8303963	2.59	cps
Rhodium	103-2	3679912	3443397	3811831	3645047	5.12	cps
Scandium	45-1	7051039	7070238	7001959	7041079	0.50	cps
Scandium	45-2	189296	175147	194360	186268	5.35	cps
Selenium	82-1	218	257	469	314	42.92	cps
Selenium	77-2	183	197	160	180	10.31	cps
Selenium	78-2	195	202	217	205	5.49	cps
Silicon	28-1	9472516	9391130	9278898	9380848	1.04	cps
Silver	107-1	33249	33241	32573	33021	1.18	cps
Silver	109-1	30935	32063	33842	32280	4.54	cps
Sodium	23-2	371643	370373	360074	367363	1.73	cps
Strontium	86-1	1224505	1235100	1241642	1233749	0.70	cps
Strontium	88-1	10476344	10535279	10408911	10473511	0.60	cps
Sulfur	34-1	473241	480053	473226	475507	0.83	cps
Terbium	159-1	9884388	10083410	9325709	9764503	4.02	cps
Terbium	159-2	4222188	3758401	4208557	4063049	6.50	cps
Thallium	203-1	5243	5510	5251	5335	2.84	cps
Thallium	205-1	13124	12665	12923	12904	1.78	cps
Tin	118-1	468351	453556	457356	459754	1.67	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-10	Instrumnet Name :	P8
Client Sample ID :	MH1FC9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:03:17	DataFile Name :	117AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375345	366674	372303	371441	1.18	cps
Uranium	238-1	70942	68410	69123	69492	1.88	cps
Vanadium	51-2	162058	161848	158454	160787	1.26	cps
Ytterbium	172-1	19991	19239	19281	19504	2.16	cps
Ytterbium	172-2	10204	9898	10037	10047	1.52	cps
Ytterbium	176-1	12548	12807	13032	12795	1.89	cps
Ytterbium	176-2	12161	11861	12756	12260	3.72	cps
Yttrium	89-1	15437071	15700864	15575390	15571108	0.85	cps
Yttrium	89-2	1525299	1411448	1551752	1496167	4.98	cps
Zinc	66-2	447623	441832	432138	440531	1.78	cps
Zirconium	90-1	49739	50576	51061	50459	1.33	cps
Zirconium	91-1	11530	11180	11338	11349	1.55	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV046	Instrumnet Name :	P8
Client Sample ID :	CCV046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:06:10	DataFile Name :	118CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2292123	2291517	2211443	2265027	2.05	cps
Antimony	121-1	2918945	2938757	2966443	2941382	0.81	cps
Arsenic	75-2	84548	83475	82515	83513	1.22	cps
Barium	135-1	3904497	4000207	3973847	3959517	1.25	cps
Barium	137-1	6542686	6746153	6768947	6685929	1.86	cps
Beryllium	9-1	698082	694671	703257	698670	0.62	cps
Bismuth	209-1	4642940	4808600	4793511	4748350	1.93	cps
Bismuth	209-2	2589603	2713371	2665098	2656024	2.35	cps
Boron	10-1	63425	68445	71224	67698	5.84	cps
Boron	11-1	303802	326653	340530	323661	5.73	cps
Bromine	81-1	21469	20155	21910	21178	4.31	cps
Cadmium	111-1	726407	735964	721766	728046	0.99	cps
Cadmium	106-1	88006	88083	84208	86766	2.55	cps
Cadmium	108-1	56930	60265	61110	59435	3.72	cps
Calcium	43-1	6103249	6030581	5957131	6030320	1.21	cps
Calcium	44-1	97590349	99318135	96297523	97735336	1.55	cps
Carbon	12-1	5221385	5552564	5725385	5499778	4.66	cps
Carbon	12-2	64174	62392	62701	63089	1.51	cps
Chlorine	35-1	16344845	15386503	14200791	15310713	7.01	cps
Chlorine	35-2	68764	66997	60527	65429	6.63	cps
Chromium	52-2	900346	894968	882376	892563	1.03	cps
Cobalt	59-2	1764049	1723495	1683773	1723772	2.33	cps
Copper	63-2	12962663	12980629	12705435	12882909	1.20	cps
Dysprosium	156-1	633	567	558	586	7.01	cps
Dysprosium	156-2	320	293	290	301	5.46	cps
Erbium	164-1	142	183	150	158	13.92	cps
Erbium	164-2	70	47	47	54	24.74	cps
Gadolinium	160-1	608	583	625	606	3.46	cps
Gadolinium	160-2	323	307	337	322	4.66	cps
Holmium	165-1	9076066	9028513	9075487	9060022	0.30	cps
Holmium	165-2	4185334	4404444	4210418	4266732	2.81	cps
Indium	115-1	8199031	8273123	8192550	8221568	0.54	cps
Indium	115-2	1132766	1155505	1135252	1141174	1.09	cps
Iron	54-2	9615616	9534714	9209775	9453368	2.27	cps
Iron	56-2	172641109	171768921	170281787	171563939	0.70	cps
Iron	57-2	4387903	4411879	4249377	4349720	2.02	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV046	Instrumnet Name :	P8
Client Sample ID :	CCV046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:06:10	DataFile Name :	118CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	843	867	763	824	6.57	cps
Lead	206-1	9263660	9928698	9597420	9596593	3.46	cps
Lead	207-1	8284753	8520118	8151342	8318738	2.24	cps
Lead	208-1	37661933	39091768	38067387	38273696	1.93	cps
Lithium	6-1	2740587	2706845	2820246	2755893	2.11	cps
Magnesium	24-2	34094389	33171339	33136560	33467430	1.62	cps
Manganese	55-2	4667759	4663810	4461854	4597808	2.56	cps
Molybdenum	94-1	12860391	13261501	12949298	13023730	1.62	cps
Molybdenum	95-1	18753549	19140558	19053641	18982582	1.07	cps
Molybdenum	96-1	20951944	21355848	21150899	21152897	0.95	cps
Molybdenum	97-1	11701753	11772290	11885755	11786599	0.79	cps
Molybdenum	98-1	30288473	29846340	31443298	30526037	2.70	cps
Neodymium	150-1	207	233	280	240	15.47	cps
Neodymium	150-2	23	30	27	27	12.51	cps
Nickel	60-2	441941	444125	444343	443470	0.30	cps
Phosphorus	31-2	23152	22693	22268	22704	1.95	cps
Potassium	39-2	12487822	12387836	12218656	12364771	1.10	cps
Rhodium	103-1	7682263	7510284	7975267	7722605	3.04	cps
Rhodium	103-2	3424774	3403840	3370918	3399844	0.80	cps
Scandium	45-1	6721518	6692452	6622096	6678689	0.77	cps
Scandium	45-2	180047	181585	176386	179339	1.49	cps
Selenium	82-1	60959	61825	61114	61299	0.75	cps
Selenium	77-2	1690	1477	1570	1579	6.77	cps
Selenium	78-2	5705	5584	5585	5624	1.24	cps
Silicon	28-1	4321594	3466213	3595871	3794559	12.15	cps
Silver	107-1	3936068	4043462	3928453	3969328	1.62	cps
Silver	109-1	3694965	3876339	3800626	3790644	2.40	cps
Sodium	23-2	67219381	63681922	65233001	65378101	2.71	cps
Strontium	86-1	11778584	12120982	11701350	11866972	1.88	cps
Strontium	88-1	102538275	103365359	101651440	102518358	0.84	cps
Sulfur	34-1	845212	827273	830305	834263	1.15	cps
Terbium	159-1	9555810	9750208	9389590	9565203	1.89	cps
Terbium	159-2	4150745	4140562	4116292	4135867	0.43	cps
Thallium	203-1	2390618	2400582	2441316	2410839	1.11	cps
Thallium	205-1	5360685	5509532	5670258	5513492	2.81	cps
Tin	118-1	2701801	2726516	2714386	2714234	0.46	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV046	Instrumnet Name :	P8
Client Sample ID :	CCV046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:06:10	DataFile Name :	118CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6356655	6361385	6368246	6362095	0.09	cps
Uranium	238-1	6811062	7113256	7099581	7007966	2.44	cps
Vanadium	51-2	737943	744403	726923	736423	1.20	cps
Ytterbium	172-1	83	67	33	61	41.67	cps
Ytterbium	172-2	39	22	39	33	28.87	cps
Ytterbium	176-1	11405	11197	11088	11230	1.43	cps
Ytterbium	176-2	10143	10960	11155	10753	4.99	cps
Yttrium	89-1	14014256	13792402	13610169	13805609	1.47	cps
Yttrium	89-2	1292858	1296031	1295969	1294953	0.14	cps
Zinc	66-2	1277758	1254016	1257149	1262974	1.02	cps
Zirconium	90-1	6463422	6384710	6218686	6355606	1.97	cps
Zirconium	91-1	1428071	1427648	1393263	1416327	1.41	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB046 Instrumnet Name : P8
 Client Sample ID : CCB046 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:15:12 DataFile Name : 119CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136	152	131	140	7.94	cps
Antimony	121-1	300	258	500	353	36.62	cps
Arsenic	75-2	4	6	3	4	35.25	cps
Barium	135-1	117	42	42	67	64.95	cps
Barium	137-1	167	117	125	136	19.68	cps
Beryllium	9-1	76	72	86	78	9.24	cps
Bismuth	209-1	4910818	4919144	4735503	4855155	2.14	cps
Bismuth	209-2	2932049	2905597	2893277	2910308	0.68	cps
Boron	10-1	2308	2398	2254	2320	3.14	cps
Boron	11-1	10624	10718	10746	10696	0.60	cps
Bromine	81-1	22101	20827	22181	21703	3.50	cps
Cadmium	111-1	306	332	267	302	10.84	cps
Cadmium	106-1	2784	3167	2684	2878	8.87	cps
Cadmium	108-1	8	38	38	28	60.63	cps
Calcium	43-1	305	316	262	295	9.62	cps
Calcium	44-1	21521	21248	20991	21253	1.25	cps
Carbon	12-1	4133914	4112154	4050082	4098717	1.06	cps
Carbon	12-2	39329	40415	38518	39420	2.41	cps
Chlorine	35-1	3568181	3371197	3402508	3447296	3.07	cps
Chlorine	35-2	18145	17645	18112	17967	1.56	cps
Chromium	52-2	957	933	847	912	6.35	cps
Cobalt	59-2	37	70	50	52	32.12	cps
Copper	63-2	873	1037	880	930	9.94	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	33	75	61	39.37	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	37	77	70	61	35.07	cps
Holmium	165-1	8821950	9066280	8393016	8760416	3.89	cps
Holmium	165-2	4168580	4251629	4153378	4191196	1.26	cps
Indium	115-1	8487903	8402183	8147663	8345917	2.12	cps
Indium	115-2	1213456	1222309	1216579	1217448	0.37	cps
Iron	54-2	650	667	639	652	2.14	cps
Iron	56-2	5340	6279	5762	5794	8.12	cps
Iron	57-2	200	311	333	281	25.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB046	Instrumnet Name :	P8
Client Sample ID :	CCB046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:15:12	DataFile Name :	119CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	810	837	800	816	2.32	cps
Lead	206-1	833	756	617	735	14.93	cps
Lead	207-1	733	550	583	622	15.70	cps
Lead	208-1	3017	2761	2784	2854	4.96	cps
Lithium	6-1	2753994	2760515	2706261	2740256	1.08	cps
Magnesium	24-2	700	892	867	819	12.72	cps
Manganese	55-2	93	147	143	128	23.38	cps
Molybdenum	94-1	442	450	492	461	5.81	cps
Molybdenum	95-1	333	317	292	314	6.68	cps
Molybdenum	96-1	575	592	400	522	20.33	cps
Molybdenum	97-1	225	192	150	189	19.89	cps
Molybdenum	98-1	683	550	350	528	31.79	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	80	83	87	83	4.00	cps
Phosphorus	31-2	67	50	58	58	14.29	cps
Potassium	39-2	17695	17803	18095	17864	1.16	cps
Rhodium	103-1	8076780	8184250	7655271	7972101	3.51	cps
Rhodium	103-2	3749311	3744673	3746388	3746791	0.06	cps
Scandium	45-1	6553999	6499699	6376825	6476841	1.40	cps
Scandium	45-2	180375	180743	183324	181480	0.89	cps
Selenium	82-1	19	69	119	69	71.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	53	54	40	49	15.95	cps
Silicon	28-1	572939	568725	569438	570367	0.40	cps
Silver	107-1	375	208	325	303	28.25	cps
Silver	109-1	200	292	192	228	24.36	cps
Sodium	23-2	14583	15942	14391	14972	5.65	cps
Strontium	86-1	1475	1233	1542	1417	11.45	cps
Strontium	88-1	1150	1150	875	1058	15.00	cps
Sulfur	34-1	408507	405554	402044	405368	0.80	cps
Terbium	159-1	9282862	9499925	8986505	9256431	2.78	cps
Terbium	159-2	4296752	4245692	4255474	4265973	0.64	cps
Thallium	203-1	300	317	317	311	3.09	cps
Thallium	205-1	692	733	608	678	9.39	cps
Tin	118-1	600	492	400	497	20.14	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB046	Instrumnet Name :	P8
Client Sample ID :	CCB046	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:15:12	DataFile Name :	119CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	200	225	242	21.53	cps
Uranium	238-1	67	67	50	61	15.75	cps
Vanadium	51-2	17	30	13	20	44.10	cps
Ytterbium	172-1	25	17	42	28	45.82	cps
Ytterbium	172-2	11	11	22	15	43.30	cps
Ytterbium	176-1	800	892	817	836	5.84	cps
Ytterbium	176-2	5601	5940	6324	5955	6.07	cps
Yttrium	89-1	13529463	14013549	13087992	13543668	3.42	cps
Yttrium	89-2	1343931	1336879	1330303	1337038	0.51	cps
Zinc	66-2	127	177	167	157	16.89	cps
Zirconium	90-1	867	942	1000	936	7.14	cps
Zirconium	91-1	208	217	242	222	7.81	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141134BL Instrumnet Name : P8
 Client Sample ID : PBS134 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:18:52 DataFile Name : 120CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	110	105	112	6.84	cps
Antimony	121-1	108	92	233	144	53.60	cps
Arsenic	75-2	3	5	8	5	47.19	cps
Barium	135-1	75	33	83	64	41.93	cps
Barium	137-1	67	67	100	78	24.74	cps
Beryllium	9-1	72	60	64	65	9.35	cps
Bismuth	209-1	4856425	4950259	4914746	4907144	0.97	cps
Bismuth	209-2	2840924	2840549	2791586	2824353	1.00	cps
Boron	10-1	1636	1660	1560	1618	3.23	cps
Boron	11-1	7611	7648	7502	7587	1.00	cps
Bromine	81-1	21629	22712	22010	22117	2.48	cps
Cadmium	111-1	320	333	311	321	3.45	cps
Cadmium	106-1	3084	3000	3034	3039	1.38	cps
Cadmium	108-1	25	13	25	21	34.64	cps
Calcium	43-1	234	274	286	265	10.37	cps
Calcium	44-1	21212	20667	20331	20737	2.14	cps
Carbon	12-1	3990856	4133312	4075266	4066478	1.76	cps
Carbon	12-2	39253	39788	40047	39696	1.02	cps
Chlorine	35-1	2701232	2666599	2562290	2643374	2.74	cps
Chlorine	35-2	15183	14491	13982	14552	4.14	cps
Chromium	52-2	817	813	853	828	2.68	cps
Cobalt	59-2	57	53	53	54	3.54	cps
Copper	63-2	733	837	767	779	6.77	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	83	42	108	78	43.30	cps
Erbium	164-2	30	17	33	27	33.06	cps
Gadolinium	160-1	25	25	100	50	86.60	cps
Gadolinium	160-2	67	77	70	71	7.16	cps
Holmium	165-1	8989263	8819961	8750250	8853158	1.39	cps
Holmium	165-2	4266203	4160490	4172829	4199840	1.38	cps
Indium	115-1	8063145	8156276	8381192	8200205	1.99	cps
Indium	115-2	1229920	1225778	1226709	1227469	0.18	cps
Iron	54-2	583	450	578	537	14.05	cps
Iron	56-2	3956	3973	3862	3930	1.53	cps
Iron	57-2	278	239	233	250	9.69	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BL	Instrumnet Name :	P8
Client Sample ID :	PBS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:18:52	DataFile Name :	120CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	857	857	886	5.65	cps
Lead	206-1	711	706	656	691	4.43	cps
Lead	207-1	533	567	467	522	9.75	cps
Lead	208-1	2583	2545	2511	2546	1.42	cps
Lithium	6-1	2703621	2750530	2668763	2707638	1.52	cps
Magnesium	24-2	617	658	508	594	13.03	cps
Manganese	55-2	67	110	67	81	30.84	cps
Molybdenum	94-1	308	417	392	372	15.24	cps
Molybdenum	95-1	158	133	142	144	8.81	cps
Molybdenum	96-1	325	317	367	336	7.97	cps
Molybdenum	97-1	100	117	92	103	12.39	cps
Molybdenum	98-1	283	225	267	258	11.63	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	70	77	84	23.13	cps
Phosphorus	31-2	75	92	100	89	14.32	cps
Potassium	39-2	18037	17903	18771	18237	2.56	cps
Rhodium	103-1	7855149	7927805	8024372	7935775	1.07	cps
Rhodium	103-2	3802747	3676114	3778943	3752601	1.79	cps
Scandium	45-1	6475630	6756394	6626138	6619387	2.12	cps
Scandium	45-2	182480	181869	184428	182926	0.73	cps
Selenium	82-1	-31	3	2	-9	-219.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	51	52	51	51	1.12	cps
Silicon	28-1	560777	559914	567751	562814	0.76	cps
Silver	107-1	283	233	250	256	9.96	cps
Silver	109-1	183	92	150	142	32.75	cps
Sodium	23-2	13648	13231	13865	13582	2.37	cps
Strontium	86-1	1400	1458	1475	1445	2.73	cps
Strontium	88-1	558	517	500	525	5.72	cps
Sulfur	34-1	410780	409846	409159	409928	0.20	cps
Terbium	159-1	9276026	9215627	9353905	9281853	0.75	cps
Terbium	159-2	4197242	4251860	4165709	4204937	1.04	cps
Thallium	203-1	250	325	292	289	13.01	cps
Thallium	205-1	600	575	683	619	9.16	cps
Tin	118-1	433	375	542	450	18.79	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BL	Instrumnet Name :	P8
Client Sample ID :	PBS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:18:52	DataFile Name :	120CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	250	242	242	3.45	cps
Uranium	238-1	50	33	17	33	50.00	cps
Vanadium	51-2	3	7	0	3	100.05	cps
Ytterbium	172-1	33	25	8	22	57.29	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	1000	892	817	903	10.21	cps
Ytterbium	176-2	5529	6085	6324	5979	6.82	cps
Yttrium	89-1	13412081	13427640	13932333	13590685	2.18	cps
Yttrium	89-2	1350494	1344639	1338175	1344436	0.46	cps
Zinc	66-2	120	90	133	114	19.40	cps
Zirconium	90-1	725	783	717	742	4.90	cps
Zirconium	91-1	158	142	142	147	6.54	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141134BS Instrumnet Name : P8
 Client Sample ID : LCS134 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:21:57 DataFile Name : 121LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1741	1750	1756	1749	0.43	cps
Antimony	121-1	23579	21968	22219	22589	3.84	cps
Arsenic	75-2	338	383	361	361	6.24	cps
Barium	135-1	27846	27971	28965	28261	2.17	cps
Barium	137-1	49173	49667	50512	49784	1.36	cps
Beryllium	9-1	2946	2712	2960	2872	4.85	cps
Bismuth	209-1	5129522	5041845	5024489	5065285	1.11	cps
Bismuth	209-2	2810489	2818827	2767558	2798958	0.98	cps
Boron	10-1	6128	6896	7058	6694	7.42	cps
Boron	11-1	29752	32411	34013	32059	6.71	cps
Bromine	81-1	21539	21349	22191	21693	2.04	cps
Cadmium	111-1	3293	3113	3215	3207	2.81	cps
Cadmium	106-1	3834	3125	3551	3503	10.18	cps
Cadmium	108-1	321	292	254	289	11.57	cps
Calcium	43-1	22269	22589	22421	22426	0.71	cps
Calcium	44-1	384231	382800	381086	382706	0.41	cps
Carbon	12-1	4101124	4117653	4000861	4073213	1.55	cps
Carbon	12-2	42036	41317	39178	40844	3.64	cps
Chlorine	35-1	2336946	2311292	2321130	2323123	0.56	cps
Chlorine	35-2	12722	12556	13040	12773	1.92	cps
Chromium	52-2	7932	7772	7799	7834	1.09	cps
Cobalt	59-2	6548	6485	6268	6434	2.28	cps
Copper	63-2	10667	11305	10764	10912	3.15	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	23	30	30	28	13.86	cps
Gadolinium	160-1	42	75	58	58	28.57	cps
Gadolinium	160-2	70	37	77	61	35.07	cps
Holmium	165-1	8675855	9043327	8959599	8892927	2.17	cps
Holmium	165-2	4320786	4209975	4095507	4208756	2.68	cps
Indium	115-1	8405089	8742967	8377886	8508648	2.39	cps
Indium	115-2	1231353	1251875	1177532	1220253	3.15	cps
Iron	54-2	33283	33584	32331	33066	1.98	cps
Iron	56-2	586852	582599	587425	585625	0.45	cps
Iron	57-2	15042	14608	15041	14897	1.68	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BS	Instrumnet Name :	P8
Client Sample ID :	LCS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:21:57	DataFile Name :	121LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	807	790	843	813	3.35	cps
Lead	206-1	7491	7769	7975	7745	3.13	cps
Lead	207-1	6324	6646	6741	6570	3.33	cps
Lead	208-1	29931	30503	30804	30413	1.46	cps
Lithium	6-1	2730268	2745605	2568957	2681610	3.65	cps
Magnesium	24-2	129666	129641	130541	129949	0.39	cps
Manganese	55-2	1807	1773	1817	1799	1.26	cps
Molybdenum	94-1	27428	27570	27144	27380	0.79	cps
Molybdenum	95-1	34661	33675	34109	34148	1.45	cps
Molybdenum	96-1	38069	37911	36482	37487	2.33	cps
Molybdenum	97-1	20332	20557	20891	20594	1.37	cps
Molybdenum	98-1	53228	54399	53655	53760	1.10	cps
Neodymium	150-1	20	33	0	18	94.37	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1803	1893	1960	1886	4.17	cps
Phosphorus	31-2	258	175	183	206	22.33	cps
Potassium	39-2	111832	116896	113923	114217	2.23	cps
Rhodium	103-1	8138038	8075189	8118166	8110464	0.40	cps
Rhodium	103-2	3776283	3783984	3607065	3722444	2.69	cps
Scandium	45-1	6816406	6597367	6530983	6648252	2.25	cps
Scandium	45-2	184407	184598	174459	181154	3.20	cps
Selenium	82-1	1211	1201	1193	1202	0.78	cps
Selenium	77-2	30	53	17	33	55.67	cps
Selenium	78-2	176	152	151	160	8.86	cps
Silicon	28-1	675356	669109	673789	672751	0.48	cps
Silver	107-1	13632	15301	14324	14419	5.81	cps
Silver	109-1	14725	14458	14383	14522	1.24	cps
Sodium	23-2	264623	264237	259594	262818	1.06	cps
Strontium	86-1	6010	6135	5943	6029	1.61	cps
Strontium	88-1	38688	38738	39816	39081	1.63	cps
Sulfur	34-1	411292	410884	413325	411833	0.32	cps
Terbium	159-1	9629065	9573054	9359707	9520609	1.49	cps
Terbium	159-2	4208721	4260528	4060652	4176634	2.48	cps
Thallium	203-1	8862	8920	8945	8909	0.48	cps
Thallium	205-1	21368	21210	21577	21385	0.86	cps
Tin	118-1	51222	52518	51138	51626	1.50	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141134BS	Instrumnet Name :	P8
Client Sample ID :	LCS134	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:21:57	DataFile Name :	121LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11472	11330	11180	11327	1.29	cps
Uranium	238-1	24450	24842	24449	24580	0.92	cps
Vanadium	51-2	14521	14454	14311	14428	0.74	cps
Ytterbium	172-1	17	33	8	19	65.47	cps
Ytterbium	172-2	6	17	17	13	49.47	cps
Ytterbium	176-1	1058	967	1050	1025	4.95	cps
Ytterbium	176-2	5635	6213	6268	6039	5.81	cps
Yttrium	89-1	13837204	13616814	13612899	13688972	0.94	cps
Yttrium	89-2	1357751	1356101	1289347	1334400	2.92	cps
Zinc	66-2	2750	2907	2880	2846	2.95	cps
Zirconium	90-1	24297	24514	23362	24058	2.54	cps
Zirconium	91-1	4951	5518	5560	5343	6.36	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-11 Instrumnet Name : P8
 Client Sample ID : MH1FD0 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:24:59 DataFile Name : 122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1214851	1183480	1175446	1191259	1.75	cps
Antimony	121-1	10521	10588	11205	10771	3.50	cps
Arsenic	75-2	7152	7210	7204	7188	0.44	cps
Barium	135-1	1071229	1079523	1065418	1072057	0.66	cps
Barium	137-1	1883525	1832598	1983086	1899736	4.03	cps
Beryllium	9-1	4146	4156	4046	4116	1.48	cps
Bismuth	209-1	5288322	5104701	4984052	5125691	2.99	cps
Bismuth	209-2	2613483	2850227	2950637	2804783	6.17	cps
Boron	10-1	5112	5058	5738	5303	7.13	cps
Boron	11-1	25159	26214	25331	25568	2.22	cps
Bromine	81-1	27867	31478	31689	30345	7.08	cps
Cadmium	111-1	12215	12254	12462	12310	1.08	cps
Cadmium	106-1	5068	5126	4726	4973	4.35	cps
Cadmium	108-1	938	979	988	968	2.77	cps
Calcium	43-1	1520857	1540655	1586051	1549188	2.16	cps
Calcium	44-1	24788277	24919542	25323163	25010328	1.11	cps
Carbon	12-1	5684990	5869720	5787881	5780864	1.60	cps
Carbon	12-2	58768	58032	58852	58551	0.77	cps
Chlorine	35-1	21128689	27445845	32843973	27139502	21.61	cps
Chlorine	35-2	238246	253673	273279	255066	6.88	cps
Chromium	52-2	62901	61495	60862	61753	1.69	cps
Cobalt	59-2	80084	80426	80858	80456	0.48	cps
Copper	63-2	406362	406050	402877	405096	0.48	cps
Dysprosium	156-1	77391	75992	75364	76249	1.36	cps
Dysprosium	156-2	34227	34805	35233	34755	1.45	cps
Erbium	164-1	61417	62490	65085	62997	2.99	cps
Erbium	164-2	27733	28080	27873	27895	0.63	cps
Gadolinium	160-1	68887	72247	71652	70929	2.53	cps
Gadolinium	160-2	37235	36450	36353	36679	1.32	cps
Holmium	165-1	9330055	9304153	9201433	9278547	0.73	cps
Holmium	165-2	3966224	4403668	4361479	4243790	5.69	cps
Indium	115-1	8674710	8747136	8374636	8598827	2.30	cps
Indium	115-2	1118316	1248599	1270431	1212449	6.78	cps
Iron	54-2	3970657	3890027	3839795	3900160	1.69	cps
Iron	56-2	71940213	71206589	70310135	71152312	1.15	cps
Iron	57-2	1804047	1810483	1790517	1801682	0.57	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-11	Instrumnet Name :	P8
Client Sample ID :	MH1FD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:24:59	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	967	1080	1022	5.55	cps
Lead	206-1	2167950	2100357	2179600	2149302	1.99	cps
Lead	207-1	1864565	1831870	1881391	1859275	1.35	cps
Lead	208-1	8704013	8370940	8624750	8566568	2.03	cps
Lithium	6-1	2843857	2935140	2866665	2881887	1.65	cps
Magnesium	24-2	1577368	1570860	1546121	1564783	1.05	cps
Manganese	55-2	1691595	1642158	1605960	1646571	2.61	cps
Molybdenum	94-1	19581	20641	20040	20087	2.65	cps
Molybdenum	95-1	14808	14667	14708	14728	0.49	cps
Molybdenum	96-1	19606	19155	20040	19600	2.26	cps
Molybdenum	97-1	9262	9429	9687	9459	2.27	cps
Molybdenum	98-1	23203	23696	23796	23565	1.35	cps
Neodymium	150-1	128920	128968	133865	130584	2.18	cps
Neodymium	150-2	42380	42698	41872	42317	0.98	cps
Nickel	60-2	57626	57024	56425	57025	1.05	cps
Phosphorus	31-2	8411	8436	8778	8542	2.40	cps
Potassium	39-2	846084	839649	832312	839349	0.82	cps
Rhodium	103-1	8552718	8647351	8187999	8462689	2.87	cps
Rhodium	103-2	3413362	3868225	3765308	3682298	6.48	cps
Scandium	45-1	7148875	7386917	6946747	7160846	3.08	cps
Scandium	45-2	173602	194782	197039	188474	6.86	cps
Selenium	82-1	272	309	193	258	22.84	cps
Selenium	77-2	173	177	180	177	1.88	cps
Selenium	78-2	174	218	200	197	11.21	cps
Silicon	28-1	8638106	8514359	8969431	8707299	2.70	cps
Silver	107-1	21876	21960	22260	22032	0.92	cps
Silver	109-1	21434	22060	22177	21890	1.82	cps
Sodium	23-2	220129	218613	222199	220314	0.82	cps
Strontium	86-1	762927	754754	762383	760022	0.60	cps
Strontium	88-1	6446910	6582563	6522625	6517366	1.04	cps
Sulfur	34-1	432222	429914	431298	431145	0.27	cps
Terbium	159-1	9921705	10062177	9768613	9917498	1.48	cps
Terbium	159-2	3900959	4375987	4396152	4224366	6.63	cps
Thallium	203-1	4934	4793	4793	4840	1.69	cps
Thallium	205-1	11405	11756	11689	11617	1.60	cps
Tin	118-1	234558	236744	234716	235339	0.52	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-11	Instrumnet Name :	P8
Client Sample ID :	MH1FD0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:24:59	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	219011	218964	215966	217980	0.80	cps
Uranium	238-1	47164	47824	47875	47621	0.83	cps
Vanadium	51-2	160011	155654	157314	157659	1.39	cps
Ytterbium	172-1	18363	17646	18021	18010	1.99	cps
Ytterbium	172-2	9848	9548	9370	9589	2.52	cps
Ytterbium	176-1	11764	12398	11339	11833	4.50	cps
Ytterbium	176-2	11388	11572	12367	11776	4.42	cps
Yttrium	89-1	15623564	15749596	15157932	15510364	2.01	cps
Yttrium	89-2	1383281	1555441	1567174	1501965	6.85	cps
Zinc	66-2	232486	228219	228118	229608	1.09	cps
Zirconium	90-1	31478	31578	32413	31823	1.61	cps
Zirconium	91-1	7127	6969	6760	6952	2.65	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-12	Instrumnet Name :	P8
Client Sample ID :	MH1FD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:27:54	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1121837	1117675	1114997	1118170	0.31	cps
Antimony	121-1	16469	15876	15709	16018	2.49	cps
Arsenic	75-2	6309	6258	6224	6264	0.68	cps
Barium	135-1	1197790	1168260	1192000	1186017	1.32	cps
Barium	137-1	2041821	2072799	2131639	2082086	2.19	cps
Beryllium	9-1	4086	3910	3998	3998	2.20	cps
Bismuth	209-1	5175901	5197889	5076087	5149959	1.26	cps
Bismuth	209-2	2926155	2896273	2842323	2888250	1.47	cps
Boron	10-1	6072	6606	6576	6418	4.68	cps
Boron	11-1	29850	30913	32039	30934	3.54	cps
Bromine	81-1	29872	30384	29492	29916	1.50	cps
Cadmium	111-1	16004	16003	15459	15822	1.99	cps
Cadmium	106-1	5101	5126	5535	5254	4.63	cps
Cadmium	108-1	1142	1338	1321	1267	8.57	cps
Calcium	43-1	2459643	2410244	2460775	2443554	1.18	cps
Calcium	44-1	40804450	39089710	39029096	39641085	2.54	cps
Carbon	12-1	7907999	8025523	7892048	7941857	0.92	cps
Carbon	12-2	85172	84962	84193	84776	0.61	cps
Chlorine	35-1	36705044	42146092	46961478	41937538	12.24	cps
Chlorine	35-2	314062	325771	342044	327292	4.29	cps
Chromium	52-2	85930	85983	85158	85690	0.54	cps
Cobalt	59-2	77520	78619	76759	77633	1.20	cps
Copper	63-2	476417	479703	468660	474927	1.19	cps
Dysprosium	156-1	68042	68602	71192	69278	2.43	cps
Dysprosium	156-2	31327	30839	31233	31133	0.83	cps
Erbium	164-1	55642	57056	56488	56395	1.26	cps
Erbium	164-2	24596	24533	24666	24598	0.27	cps
Gadolinium	160-1	62933	64256	63703	63631	1.04	cps
Gadolinium	160-2	32710	33031	33499	33080	1.20	cps
Holmium	165-1	9044069	9207564	9411016	9220883	1.99	cps
Holmium	165-2	4371269	4344338	4356732	4357446	0.31	cps
Indium	115-1	8531123	8908490	8695746	8711787	2.17	cps
Indium	115-2	1269298	1244773	1253178	1255750	0.99	cps
Iron	54-2	3981063	3935665	3990363	3969030	0.74	cps
Iron	56-2	71315574	72033746	71062054	71470458	0.71	cps
Iron	57-2	1836413	1809450	1792341	1812735	1.23	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-12	Instrumnet Name :	P8
Client Sample ID :	MH1FD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:27:54	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	1003	973	983	1.76	cps
Lead	206-1	3340731	3429298	3368193	3379407	1.34	cps
Lead	207-1	2840904	2923524	2886743	2883724	1.44	cps
Lead	208-1	13138617	13619459	13346251	13368109	1.80	cps
Lithium	6-1	2841478	2756727	2837399	2811868	1.70	cps
Magnesium	24-2	1697203	1635802	1675138	1669381	1.86	cps
Manganese	55-2	1927279	1865507	1874495	1889094	1.77	cps
Molybdenum	94-1	22260	22736	22936	22644	1.53	cps
Molybdenum	95-1	15200	15201	14500	14967	2.70	cps
Molybdenum	96-1	20257	20933	20441	20543	1.70	cps
Molybdenum	97-1	9345	9103	9170	9206	1.36	cps
Molybdenum	98-1	23629	23562	23145	23445	1.12	cps
Neodymium	150-1	120227	123040	122427	121898	1.21	cps
Neodymium	150-2	38512	39037	39819	39123	1.68	cps
Nickel	60-2	47553	47278	46988	47273	0.60	cps
Phosphorus	31-2	18754	17861	18062	18226	2.57	cps
Potassium	39-2	1123203	1122560	1129656	1125140	0.35	cps
Rhodium	103-1	8252525	8103943	8570005	8308824	2.87	cps
Rhodium	103-2	3832957	3663005	3853785	3783249	2.77	cps
Scandium	45-1	7233223	6873345	6834006	6980191	3.15	cps
Scandium	45-2	195690	197898	194083	195890	0.98	cps
Selenium	82-1	443	407	479	443	8.12	cps
Selenium	77-2	210	170	187	189	10.64	cps
Selenium	78-2	187	201	190	193	3.83	cps
Silicon	28-1	10140990	10340380	9923025	10134798	2.06	cps
Silver	107-1	23504	24063	24038	23868	1.32	cps
Silver	109-1	21910	22511	24055	22825	4.85	cps
Sodium	23-2	261728	263155	260110	261664	0.58	cps
Strontium	86-1	981812	992896	1005371	993360	1.19	cps
Strontium	88-1	8607099	8502344	8426530	8511991	1.07	cps
Sulfur	34-1	476253	479261	466412	473975	1.42	cps
Terbium	159-1	10084009	9697026	9828504	9869846	1.99	cps
Terbium	159-2	4351060	4441883	4188155	4327032	2.97	cps
Thallium	203-1	3384	3826	3401	3537	7.08	cps
Thallium	205-1	8403	8303	8620	8442	1.92	cps
Tin	118-1	109311	108614	109194	109040	0.34	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-12	Instrumnet Name :	P8
Client Sample ID :	MH1FD1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:27:54	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	345583	350013	344795	346797	0.81	cps
Uranium	238-1	72711	75636	72391	73579	2.43	cps
Vanadium	51-2	141859	140529	138674	140354	1.14	cps
Ytterbium	172-1	16027	16127	16069	16074	0.31	cps
Ytterbium	172-2	8703	8764	8803	8757	0.58	cps
Ytterbium	176-1	10963	10871	11072	10969	0.91	cps
Ytterbium	176-2	11655	11633	12300	11863	3.20	cps
Yttrium	89-1	15475738	15347549	15718265	15513851	1.21	cps
Yttrium	89-2	1555367	1523383	1569504	1549418	1.53	cps
Zinc	66-2	554772	561195	550059	555342	1.01	cps
Zirconium	90-1	39557	40175	39766	39833	0.79	cps
Zirconium	91-1	8720	8936	8686	8781	1.55	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-13	Instrumnet Name :	P8
Client Sample ID :	MH1FD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:30:47	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1336530	1293516	1296915	1308987	1.83	cps
Antimony	121-1	17211	15826	16894	16644	4.36	cps
Arsenic	75-2	10071	9902	10114	10029	1.11	cps
Barium	135-1	1597980	1648120	1596609	1614236	1.82	cps
Barium	137-1	2802464	2852110	2723638	2792737	2.32	cps
Beryllium	9-1	5474	5398	5134	5335	3.35	cps
Bismuth	209-1	5169706	5054041	4961126	5061624	2.06	cps
Bismuth	209-2	2777256	2928560	2863257	2856357	2.66	cps
Boron	10-1	10037	10414	11418	10623	6.72	cps
Boron	11-1	47900	51395	52439	50578	4.70	cps
Bromine	81-1	31006	32181	31558	31582	1.86	cps
Cadmium	111-1	16916	17031	17475	17141	1.72	cps
Cadmium	106-1	5743	5535	5601	5626	1.89	cps
Cadmium	108-1	1367	1388	1233	1329	6.29	cps
Calcium	43-1	2577242	2572116	2600483	2583280	0.59	cps
Calcium	44-1	40190789	41443396	40689263	40774482	1.55	cps
Carbon	12-1	7240232	7148022	7301638	7229964	1.07	cps
Carbon	12-2	76927	74690	74331	75316	1.87	cps
Chlorine	35-1	40518952	45808603	49449088	45258881	9.92	cps
Chlorine	35-2	322247	326358	329336	325980	1.09	cps
Chromium	52-2	93453	92557	92946	92985	0.48	cps
Cobalt	59-2	88175	87423	88543	88047	0.65	cps
Copper	63-2	606981	594815	596632	599476	1.09	cps
Dysprosium	156-1	68275	69901	69540	69239	1.23	cps
Dysprosium	156-2	31066	30963	30274	30768	1.40	cps
Erbium	164-1	58581	55961	58011	57518	2.40	cps
Erbium	164-2	26400	25625	24950	25658	2.83	cps
Gadolinium	160-1	63242	62682	62514	62813	0.61	cps
Gadolinium	160-2	33064	33041	32650	32918	0.71	cps
Holmium	165-1	9176508	9292378	9201596	9223494	0.66	cps
Holmium	165-2	4232344	4257798	4315947	4268696	1.00	cps
Indium	115-1	8745973	8778128	8925980	8816694	1.09	cps
Indium	115-2	1219266	1235315	1241770	1232117	0.94	cps
Iron	54-2	4057963	3948615	3993436	4000005	1.37	cps
Iron	56-2	72762863	71244924	69739953	71249247	2.12	cps
Iron	57-2	1872139	1826172	1785379	1827897	2.37	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-13	Instrumnet Name :	P8
Client Sample ID :	MH1FD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:30:47	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	997	1097	1033	5.33	cps
Lead	206-1	11382295	11018568	11026199	11142354	1.87	cps
Lead	207-1	9549562	9592926	9405385	9515958	1.03	cps
Lead	208-1	44172601	43855089	43317029	43781573	0.99	cps
Lithium	6-1	2848667	2678393	2819078	2782046	3.27	cps
Magnesium	24-2	1462719	1409640	1428065	1433475	1.88	cps
Manganese	55-2	2145693	2101962	2074447	2107367	1.70	cps
Molybdenum	94-1	29599	29724	29749	29691	0.27	cps
Molybdenum	95-1	18062	18379	17954	18132	1.22	cps
Molybdenum	96-1	24556	24915	24873	24781	0.79	cps
Molybdenum	97-1	11013	11547	11096	11219	2.56	cps
Molybdenum	98-1	29232	29231	28238	28900	1.99	cps
Neodymium	150-1	115604	114257	114134	114665	0.71	cps
Neodymium	150-2	38315	37613	36961	37630	1.80	cps
Nickel	60-2	55843	55254	55006	55367	0.78	cps
Phosphorus	31-2	15042	14808	14057	14636	3.51	cps
Potassium	39-2	911144	903460	899034	904546	0.68	cps
Rhodium	103-1	8446600	8334903	8491598	8424367	0.96	cps
Rhodium	103-2	3676097	3861556	3707094	3748249	2.65	cps
Scandium	45-1	7066954	7099753	7097129	7087945	0.26	cps
Scandium	45-2	190027	194209	193735	192657	1.19	cps
Selenium	82-1	339	393	352	361	7.79	cps
Selenium	77-2	210	200	200	203	2.84	cps
Selenium	78-2	198	194	175	189	6.50	cps
Silicon	28-1	9344585	9277410	9220010	9280668	0.67	cps
Silver	107-1	30067	30509	30426	30334	0.78	cps
Silver	109-1	29457	28823	28063	28781	2.43	cps
Sodium	23-2	469129	449914	450499	456514	2.39	cps
Strontium	86-1	1443085	1493273	1424534	1453631	2.45	cps
Strontium	88-1	12049893	12319621	12181223	12183579	1.11	cps
Sulfur	34-1	474326	471392	471358	472359	0.36	cps
Terbium	159-1	9634233	9704587	9479690	9606170	1.20	cps
Terbium	159-2	4197644	4343797	4348614	4296685	2.00	cps
Thallium	203-1	4576	4401	4468	4481	1.97	cps
Thallium	205-1	11022	10304	10104	10477	4.60	cps
Tin	118-1	243380	242456	244930	243589	0.51	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-13	Instrumnet Name :	P8
Client Sample ID :	MH1FD2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:30:47	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467600	490435	476118	478051	2.41	cps
Uranium	238-1	69391	69684	71194	70090	1.38	cps
Vanadium	51-2	160968	161671	157483	160041	1.40	cps
Ytterbium	172-1	17262	16928	18488	17559	4.68	cps
Ytterbium	172-2	9832	9520	9709	9687	1.62	cps
Ytterbium	176-1	11464	12606	11847	11973	4.86	cps
Ytterbium	176-2	12389	12679	12145	12404	2.15	cps
Yttrium	89-1	15350987	15604271	15441610	15465623	0.83	cps
Yttrium	89-2	1524150	1562958	1546279	1544462	1.26	cps
Zinc	66-2	609670	603765	609799	607745	0.57	cps
Zirconium	90-1	54549	55377	54507	54811	0.90	cps
Zirconium	91-1	12648	12615	12164	12476	2.17	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-14 Instrumnet Name : P8
 Client Sample ID : MH1FD3 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:33:43 DataFile Name : 125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1357210	1344492	1375456	1359052	1.15	cps
Antimony	121-1	16319	16377	16502	16399	0.57	cps
Arsenic	75-2	11423	11130	11367	11306	1.38	cps
Barium	135-1	1339949	1340663	1346317	1342310	0.26	cps
Barium	137-1	2397397	2360979	2406568	2388315	1.01	cps
Beryllium	9-1	5402	5408	5278	5363	1.37	cps
Bismuth	209-1	4871729	5016750	4893521	4927333	1.59	cps
Bismuth	209-2	2917640	2893927	2891720	2901096	0.50	cps
Boron	10-1	8443	8997	8983	8808	3.59	cps
Boron	11-1	42206	42595	44473	43091	2.81	cps
Bromine	81-1	32300	31357	34217	32625	4.47	cps
Cadmium	111-1	19522	19609	19380	19504	0.59	cps
Cadmium	106-1	6052	5793	5410	5751	5.62	cps
Cadmium	108-1	1438	1521	1542	1500	3.67	cps
Calcium	43-1	2448749	2440942	2427869	2439187	0.43	cps
Calcium	44-1	37263152	37842192	38981812	38029052	2.30	cps
Carbon	12-1	6449735	6703947	6630763	6594815	1.98	cps
Carbon	12-2	69950	68753	71583	70096	2.03	cps
Chlorine	35-1	43962583	49415714	53283957	48887418	9.58	cps
Chlorine	35-2	352714	357461	373522	361233	3.02	cps
Chromium	52-2	76369	76081	76761	76404	0.45	cps
Cobalt	59-2	96709	98548	98411	97890	1.05	cps
Copper	63-2	714796	705650	719730	713392	1.00	cps
Dysprosium	156-1	77174	76679	75757	76536	0.94	cps
Dysprosium	156-2	33897	34097	33770	33921	0.49	cps
Erbium	164-1	63159	62641	64365	63388	1.40	cps
Erbium	164-2	28651	29085	28724	28820	0.81	cps
Gadolinium	160-1	68335	70538	69449	69441	1.59	cps
Gadolinium	160-2	35654	36236	35427	35773	1.17	cps
Holmium	165-1	9104138	9225236	9076663	9135346	0.87	cps
Holmium	165-2	4527336	4287648	4424209	4413064	2.72	cps
Indium	115-1	8596494	8811426	8622786	8676902	1.35	cps
Indium	115-2	1242600	1226542	1244382	1237841	0.79	cps
Iron	54-2	4664908	4588007	4671279	4641398	1.00	cps
Iron	56-2	87040894	86479002	84020930	85846942	1.87	cps
Iron	57-2	2169463	2206278	2183703	2186481	0.85	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-14	Instrumnet Name :	P8
Client Sample ID :	MH1FD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:33:43	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1060	1097	1090	1082	1.80	cps
Lead	206-1	4676312	4604933	4615605	4632283	0.83	cps
Lead	207-1	4023309	3956623	3954442	3978125	0.98	cps
Lead	208-1	18082241	18244406	18258005	18194884	0.54	cps
Lithium	6-1	2757823	2726835	2720638	2735099	0.73	cps
Magnesium	24-2	1637296	1594194	1653261	1628250	1.88	cps
Manganese	55-2	2363131	2315972	2315340	2331481	1.18	cps
Molybdenum	94-1	27770	27779	29140	28229	2.79	cps
Molybdenum	95-1	16952	16519	16535	16669	1.47	cps
Molybdenum	96-1	22928	23203	22936	23022	0.68	cps
Molybdenum	97-1	9854	10354	10738	10315	4.30	cps
Molybdenum	98-1	26593	26618	25941	26384	1.45	cps
Neodymium	150-1	125987	123693	126033	125238	1.07	cps
Neodymium	150-2	40638	40494	40695	40609	0.25	cps
Nickel	60-2	60675	60033	60856	60521	0.72	cps
Phosphorus	31-2	13840	14416	14658	14305	2.94	cps
Potassium	39-2	932135	912264	933472	925957	1.28	cps
Rhodium	103-1	8154126	8277411	8273269	8234936	0.85	cps
Rhodium	103-2	3745460	3689819	3731371	3722217	0.78	cps
Scandium	45-1	6687469	7008878	7017173	6904507	2.72	cps
Scandium	45-2	193664	192049	196113	193942	1.05	cps
Selenium	82-1	327	289	335	317	7.87	cps
Selenium	77-2	197	233	197	209	10.14	cps
Selenium	78-2	178	211	203	197	8.72	cps
Silicon	28-1	8546834	9140252	8788335	8825140	3.38	cps
Silver	107-1	37352	38020	37969	37780	0.98	cps
Silver	109-1	36792	34979	35989	35920	2.53	cps
Sodium	23-2	378217	369003	390289	379169	2.82	cps
Strontium	86-1	1259829	1255545	1249288	1254887	0.42	cps
Strontium	88-1	10338587	10606310	10247144	10397347	1.80	cps
Sulfur	34-1	465247	466505	468780	466844	0.38	cps
Terbium	159-1	10032186	9687470	9593507	9771054	2.36	cps
Terbium	159-2	4154760	4211787	4208849	4191798	0.77	cps
Thallium	203-1	5210	4818	5485	5171	6.48	cps
Thallium	205-1	12974	12615	12398	12662	2.30	cps
Tin	118-1	489603	490390	509566	496520	2.28	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-14	Instrumnet Name :	P8
Client Sample ID :	MH1FD3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:33:43	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	388316	395359	386770	390149	1.17	cps
Uranium	238-1	66567	68101	69969	68212	2.50	cps
Vanadium	51-2	162235	161426	164113	162591	0.85	cps
Ytterbium	172-1	19907	18956	19523	19462	2.46	cps
Ytterbium	172-2	10449	10221	10465	10378	1.32	cps
Ytterbium	176-1	12807	12982	13049	12946	0.97	cps
Ytterbium	176-2	12378	12767	12851	12665	1.99	cps
Yttrium	89-1	15348323	15352829	15063049	15254734	1.09	cps
Yttrium	89-2	1545416	1541145	1548349	1544970	0.23	cps
Zinc	66-2	498499	491535	495784	495273	0.71	cps
Zirconium	90-1	51246	50584	50827	50886	0.66	cps
Zirconium	91-1	11772	11447	11397	11538	1.77	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-15	Instrumnet Name :	P8
Client Sample ID :	MH1FD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:36:36	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1312275	1296414	1231369	1280019	3.35	cps
Antimony	121-1	11689	11906	11755	11783	0.94	cps
Arsenic	75-2	7908	8166	8061	8045	1.61	cps
Barium	135-1	1135494	1110806	1114465	1120255	1.19	cps
Barium	137-1	1987055	1959783	1931556	1959465	1.42	cps
Beryllium	9-1	4268	4384	4272	4308	1.53	cps
Bismuth	209-1	4999140	5206215	5184286	5129880	2.22	cps
Bismuth	209-2	2894558	2852514	2841160	2862744	0.98	cps
Boron	10-1	5350	5776	6040	5722	6.09	cps
Boron	11-1	26697	28240	28788	27908	3.89	cps
Bromine	81-1	30254	31889	32491	31545	3.67	cps
Cadmium	111-1	13292	13591	13059	13314	2.00	cps
Cadmium	106-1	4834	5293	4834	4987	5.31	cps
Cadmium	108-1	1021	1029	979	1010	2.65	cps
Calcium	43-1	2003117	2042489	2042768	2029458	1.12	cps
Calcium	44-1	32539731	32685449	32661474	32628885	0.24	cps
Carbon	12-1	6021701	6265721	6239423	6175615	2.17	cps
Carbon	12-2	61245	63446	63630	62774	2.11	cps
Chlorine	35-1	49838183	54972432	57296601	54035739	7.06	cps
Chlorine	35-2	362909	366509	369156	366191	0.86	cps
Chromium	52-2	68537	68828	67401	68255	1.10	cps
Cobalt	59-2	85944	89332	88282	87853	1.97	cps
Copper	63-2	654854	659917	656617	657129	0.39	cps
Dysprosium	156-1	77861	79689	81592	79714	2.34	cps
Dysprosium	156-2	36717	35069	35544	35777	2.37	cps
Erbium	164-1	66501	67372	66367	66747	0.82	cps
Erbium	164-2	29439	28888	28534	28954	1.58	cps
Gadolinium	160-1	76881	75306	76453	76213	1.07	cps
Gadolinium	160-2	38880	38903	38098	38627	1.19	cps
Holmium	165-1	9032040	9567240	8886469	9161917	3.91	cps
Holmium	165-2	4357637	4364989	4342361	4354996	0.27	cps
Indium	115-1	8704412	8654103	8565086	8641201	0.82	cps
Indium	115-2	1223701	1242228	1226135	1230688	0.82	cps
Iron	54-2	4245765	4036977	4135168	4139303	2.52	cps
Iron	56-2	75639435	76498938	74995679	75711351	1.00	cps
Iron	57-2	1922322	1980303	1894542	1932389	2.26	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-15	Instrumnet Name :	P8
Client Sample ID :	MH1FD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:36:36	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1023	1127	1062	5.29	cps
Lead	206-1	2323650	2321384	2358969	2334668	0.90	cps
Lead	207-1	1992910	2035321	2039382	2022538	1.27	cps
Lead	208-1	9154866	9294216	9357506	9268863	1.12	cps
Lithium	6-1	2918915	2911696	2702463	2844358	4.32	cps
Magnesium	24-2	1707696	1735798	1644048	1695848	2.77	cps
Manganese	55-2	1702506	1670969	1658798	1677424	1.34	cps
Molybdenum	94-1	21075	21359	21467	21300	0.95	cps
Molybdenum	95-1	16660	16819	16627	16702	0.61	cps
Molybdenum	96-1	21542	22360	21651	21851	2.03	cps
Molybdenum	97-1	9962	10838	10171	10324	4.43	cps
Molybdenum	98-1	26476	26150	25583	26070	1.73	cps
Neodymium	150-1	136617	135412	137141	136390	0.65	cps
Neodymium	150-2	44554	44781	45015	44784	0.52	cps
Nickel	60-2	75312	73998	74933	74748	0.90	cps
Phosphorus	31-2	9854	9662	9570	9695	1.49	cps
Potassium	39-2	948227	951894	942798	947640	0.48	cps
Rhodium	103-1	8209102	8303444	8159022	8223856	0.89	cps
Rhodium	103-2	3714340	3825746	3744550	3761545	1.53	cps
Scandium	45-1	7098827	7191021	7087234	7125694	0.80	cps
Scandium	45-2	191880	194154	192496	192843	0.61	cps
Selenium	82-1	328	321	277	309	8.87	cps
Selenium	77-2	217	223	200	213	5.64	cps
Selenium	78-2	172	188	191	184	5.56	cps
Silicon	28-1	8757968	8915677	8914578	8862741	1.02	cps
Silver	107-1	25608	25850	25224	25561	1.24	cps
Silver	109-1	23930	24339	23930	24066	0.98	cps
Sodium	23-2	243518	255351	246915	248595	2.45	cps
Strontium	86-1	837034	850620	851516	846390	0.96	cps
Strontium	88-1	7190700	7422216	7220381	7277766	1.73	cps
Sulfur	34-1	449431	447056	449300	448596	0.30	cps
Terbium	159-1	9866492	10057082	9752982	9892185	1.55	cps
Terbium	159-2	4324289	4461938	4257372	4347866	2.40	cps
Thallium	203-1	4918	4984	5143	5015	2.31	cps
Thallium	205-1	12473	12189	12248	12303	1.22	cps
Tin	118-1	279839	291659	279891	283797	2.40	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-15	Instrumnet Name :	P8
Client Sample ID :	MH1FD4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:36:36	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242813	247222	247642	245892	1.09	cps
Uranium	238-1	53523	54166	52978	53556	1.11	cps
Vanadium	51-2	168956	168348	168628	168644	0.18	cps
Ytterbium	172-1	19031	17863	18997	18630	3.57	cps
Ytterbium	172-2	9820	10087	9648	9852	2.25	cps
Ytterbium	176-1	12256	12506	12348	12370	1.02	cps
Ytterbium	176-2	11678	12717	11922	12106	4.49	cps
Yttrium	89-1	15554552	15902241	15464340	15640378	1.48	cps
Yttrium	89-2	1544276	1529170	1517205	1530217	0.89	cps
Zinc	66-2	267746	267752	269245	268248	0.32	cps
Zirconium	90-1	32915	33040	33984	33313	1.76	cps
Zirconium	91-1	7511	7536	8036	7694	3.85	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-16	Instrumnet Name :	P8
Client Sample ID :	MH1FD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:39:31	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1365167	1397627	1351477	1371423	1.73	cps
Antimony	121-1	16202	16319	16335	16285	0.45	cps
Arsenic	75-2	7449	7661	7489	7533	1.50	cps
Barium	135-1	1248816	1289312	1271629	1269919	1.60	cps
Barium	137-1	2208607	2232594	2310581	2250594	2.37	cps
Beryllium	9-1	4556	4716	4648	4640	1.73	cps
Bismuth	209-1	4943164	5243291	4983837	5056764	3.22	cps
Bismuth	209-2	2863158	2825332	2935597	2874696	1.95	cps
Boron	10-1	5604	5408	6042	5685	5.71	cps
Boron	11-1	26805	28328	28903	28012	3.87	cps
Bromine	81-1	28017	28980	29602	28866	2.77	cps
Cadmium	111-1	22742	23345	23267	23118	1.42	cps
Cadmium	106-1	5768	6352	6285	6135	5.21	cps
Cadmium	108-1	1900	1867	1921	1896	1.44	cps
Calcium	43-1	2366947	2217449	2326444	2303613	3.36	cps
Calcium	44-1	36541509	35758269	36303562	36201113	1.11	cps
Carbon	12-1	9042300	9200918	9209281	9150833	1.03	cps
Carbon	12-2	97432	93640	94093	95055	2.18	cps
Chlorine	35-1	47613306	51879567	55945901	51812925	8.04	cps
Chlorine	35-2	348122	355078	362176	355125	1.98	cps
Chromium	52-2	110516	109592	110332	110147	0.44	cps
Cobalt	59-2	89922	88812	87715	88816	1.24	cps
Copper	63-2	584174	580083	578915	581057	0.48	cps
Dysprosium	156-1	90139	86725	87003	87956	2.16	cps
Dysprosium	156-2	38181	37787	39171	38380	1.86	cps
Erbium	164-1	65824	70405	70983	69070	4.09	cps
Erbium	164-2	30672	30071	30599	30447	1.08	cps
Gadolinium	160-1	74644	78364	82582	78530	5.06	cps
Gadolinium	160-2	41010	40050	40010	40357	1.40	cps
Holmium	165-1	9227316	9431564	9229776	9296219	1.26	cps
Holmium	165-2	4312603	4371048	4289791	4324481	0.97	cps
Indium	115-1	8813104	8646407	8728315	8729275	0.95	cps
Indium	115-2	1235069	1244358	1238418	1239282	0.38	cps
Iron	54-2	4943008	4970493	5133995	5015832	2.06	cps
Iron	56-2	90782863	91231958	94104652	92039824	1.96	cps
Iron	57-2	2314946	2368945	2360866	2348252	1.24	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-16	Instrumnet Name :	P8
Client Sample ID :	MH1FD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:39:31	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	957	1133	1103	1064	8.88	cps
Lead	206-1	4198443	4319003	4221871	4246439	1.51	cps
Lead	207-1	3489273	3527351	3605884	3540836	1.68	cps
Lead	208-1	16097332	16314246	16354735	16255438	0.85	cps
Lithium	6-1	2868772	2852600	2811607	2844327	1.04	cps
Magnesium	24-2	2093875	2025408	2071597	2063627	1.69	cps
Manganese	55-2	2007201	2040231	2028061	2025164	0.82	cps
Molybdenum	94-1	27069	26868	27144	27027	0.53	cps
Molybdenum	95-1	17595	17954	17712	17753	1.03	cps
Molybdenum	96-1	23312	24297	23529	23713	2.18	cps
Molybdenum	97-1	10779	10963	10446	10729	2.44	cps
Molybdenum	98-1	27862	28054	27428	27781	1.16	cps
Neodymium	150-1	146391	151320	152316	150009	2.11	cps
Neodymium	150-2	48802	47986	48210	48333	0.87	cps
Nickel	60-2	57038	56184	57710	56977	1.34	cps
Phosphorus	31-2	23219	23311	22501	23011	1.93	cps
Potassium	39-2	1438822	1435160	1459056	1444346	0.89	cps
Rhodium	103-1	8231763	8334971	8413994	8326910	1.10	cps
Rhodium	103-2	3810378	3792595	3760985	3787986	0.66	cps
Scandium	45-1	7174937	7085620	7087697	7116085	0.72	cps
Scandium	45-2	190150	190682	192037	190956	0.51	cps
Selenium	82-1	499	332	384	405	21.14	cps
Selenium	77-2	233	193	237	221	10.91	cps
Selenium	78-2	224	235	219	226	3.62	cps
Silicon	28-1	11086455	9985478	9921907	10331280	6.34	cps
Silver	107-1	31829	32806	32965	32534	1.89	cps
Silver	109-1	32690	31796	31504	31996	1.93	cps
Sodium	23-2	326295	321459	327005	324920	0.93	cps
Strontium	86-1	966731	994527	967130	976129	1.63	cps
Strontium	88-1	8548904	8411591	8342762	8434419	1.24	cps
Sulfur	34-1	496996	497313	494612	496307	0.30	cps
Terbium	159-1	9688086	9798023	9840526	9775545	0.80	cps
Terbium	159-2	4332647	4345968	4370257	4349624	0.44	cps
Thallium	203-1	4459	4334	4017	4270	5.33	cps
Thallium	205-1	10580	10538	10004	10374	3.09	cps
Tin	118-1	128392	129613	127391	128466	0.87	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-16	Instrumnet Name :	P8
Client Sample ID :	MH1FD5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:39:31	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	398801	398395	400208	399134	0.24	cps
Uranium	238-1	91691	92213	90314	91406	1.07	cps
Vanadium	51-2	169144	167185	168477	168268	0.59	cps
Ytterbium	172-1	20575	19807	19765	20049	2.27	cps
Ytterbium	172-2	10082	10054	10588	10241	2.93	cps
Ytterbium	176-1	13048	13674	13090	13271	2.64	cps
Ytterbium	176-2	12417	12095	12706	12406	2.47	cps
Yttrium	89-1	16128059	15449274	15842440	15806591	2.16	cps
Yttrium	89-2	1574094	1570482	1520370	1554982	1.93	cps
Zinc	66-2	786176	789041	795616	790278	0.61	cps
Zirconium	90-1	47783	46579	48067	47476	1.66	cps
Zirconium	91-1	10104	10396	10237	10246	1.43	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-17	Instrumnet Name :	P8
Client Sample ID :	MH1FD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:42:24	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1375550	1389826	1380842	1382073	0.52	cps
Antimony	121-1	15818	15651	15217	15562	1.99	cps
Arsenic	75-2	10502	10282	10139	10307	1.78	cps
Barium	135-1	1402401	1392306	1350316	1381674	2.00	cps
Barium	137-1	2427490	2376514	2349101	2384368	1.67	cps
Beryllium	9-1	4710	4838	4910	4819	2.10	cps
Bismuth	209-1	5145979	5195602	5053748	5131776	1.40	cps
Bismuth	209-2	2889827	2927713	2926254	2914598	0.74	cps
Boron	10-1	6414	6424	6952	6597	4.67	cps
Boron	11-1	31061	32546	33187	32264	3.38	cps
Bromine	81-1	31608	32592	31859	32020	1.60	cps
Cadmium	111-1	19475	19634	20234	19781	2.02	cps
Cadmium	106-1	6210	5860	5901	5990	3.19	cps
Cadmium	108-1	1700	1429	1621	1583	8.80	cps
Calcium	43-1	2752299	2814255	2797062	2787872	1.15	cps
Calcium	44-1	44709431	45539703	44961707	45070280	0.94	cps
Carbon	12-1	7576251	7813064	7848912	7746076	1.91	cps
Carbon	12-2	79138	80455	82758	80783	2.27	cps
Chlorine	35-1	44779058	49412020	54543753	49578277	9.85	cps
Chlorine	35-2	345699	348823	356711	350411	1.62	cps
Chromium	52-2	94259	91976	94030	93422	1.35	cps
Cobalt	59-2	95035	95414	94955	95135	0.26	cps
Copper	63-2	607282	598081	591364	598909	1.33	cps
Dysprosium	156-1	78667	78499	77542	78236	0.78	cps
Dysprosium	156-2	35781	34809	34993	35194	1.47	cps
Erbium	164-1	63988	64960	63847	64265	0.94	cps
Erbium	164-2	28928	28761	28220	28637	1.29	cps
Gadolinium	160-1	72239	71293	72053	71862	0.70	cps
Gadolinium	160-2	36861	36744	37001	36869	0.35	cps
Holmium	165-1	9130908	9126531	9403944	9220461	1.72	cps
Holmium	165-2	4375333	4349694	4347810	4357613	0.35	cps
Indium	115-1	8590940	8586114	8701207	8626087	0.75	cps
Indium	115-2	1232998	1232929	1234692	1233540	0.08	cps
Iron	54-2	4677762	4620967	4637039	4645256	0.63	cps
Iron	56-2	84451891	84947610	82236071	83878524	1.72	cps
Iron	57-2	2154313	2192431	2111498	2152748	1.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-17	Instrumnet Name :	P8
Client Sample ID :	MH1FD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:42:24	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	1017	957	980	3.28	cps
Lead	206-1	4126151	4232701	4138491	4165781	1.40	cps
Lead	207-1	3548237	3468544	3433040	3483273	1.69	cps
Lead	208-1	16381461	16453150	15867942	16234184	1.97	cps
Lithium	6-1	2769519	2769863	2741860	2760414	0.58	cps
Magnesium	24-2	1860998	1884005	1896719	1880574	0.96	cps
Manganese	55-2	2151096	2136403	2066727	2118075	2.13	cps
Molybdenum	94-1	23211	24347	24464	24007	2.88	cps
Molybdenum	95-1	15951	16685	16335	16324	2.25	cps
Molybdenum	96-1	21768	22294	21901	21987	1.24	cps
Molybdenum	97-1	10096	9987	10488	10190	2.58	cps
Molybdenum	98-1	26334	25841	26526	26234	1.35	cps
Neodymium	150-1	131808	133715	134333	133286	0.99	cps
Neodymium	150-2	42979	43437	42237	42884	1.41	cps
Nickel	60-2	71009	71083	71247	71113	0.17	cps
Phosphorus	31-2	17502	17645	17419	17522	0.65	cps
Potassium	39-2	989265	982358	991287	987637	0.47	cps
Rhodium	103-1	8424949	8215144	8470939	8370344	1.63	cps
Rhodium	103-2	3743395	3686423	3763558	3731125	1.07	cps
Scandium	45-1	7016527	7189084	7056554	7087389	1.27	cps
Scandium	45-2	192299	191354	191043	191565	0.34	cps
Selenium	82-1	497	395	477	456	11.76	cps
Selenium	77-2	170	200	187	186	8.10	cps
Selenium	78-2	217	209	207	211	2.51	cps
Silicon	28-1	8976022	8940352	8878509	8931628	0.55	cps
Silver	107-1	29224	29507	29491	29407	0.54	cps
Silver	109-1	29399	28848	28388	28878	1.75	cps
Sodium	23-2	286334	280514	287888	284912	1.36	cps
Strontium	86-1	1161590	1193265	1166486	1173780	1.45	cps
Strontium	88-1	9873104	10332687	9986340	10064044	2.38	cps
Sulfur	34-1	477597	477814	473182	476198	0.55	cps
Terbium	159-1	9617279	9797951	9680090	9698440	0.95	cps
Terbium	159-2	4290949	4444802	4390933	4375561	1.78	cps
Thallium	203-1	5610	5443	5343	5465	2.47	cps
Thallium	205-1	12665	12974	12890	12843	1.24	cps
Tin	118-1	206261	212008	206119	208129	1.61	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-17	Instrumnet Name :	P8
Client Sample ID :	MH1FD6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:42:24	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	378695	370369	376160	375074	1.14	cps
Uranium	238-1	84572	82764	81000	82779	2.16	cps
Vanadium	51-2	165348	167983	166945	166759	0.80	cps
Ytterbium	172-1	18514	19148	19164	18942	1.96	cps
Ytterbium	172-2	9954	9659	10288	9967	3.15	cps
Ytterbium	176-1	12798	12248	12715	12587	2.36	cps
Ytterbium	176-2	11967	12501	12562	12343	2.65	cps
Yttrium	89-1	15333570	15226976	15176287	15245611	0.53	cps
Yttrium	89-2	1545624	1507876	1524005	1525835	1.24	cps
Zinc	66-2	611051	604486	607125	607554	0.54	cps
Zirconium	90-1	41688	39206	40769	40554	3.09	cps
Zirconium	91-1	9612	8745	9187	9181	4.72	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-18	Instrumnet Name :	P8
Client Sample ID :	MH1FD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:45:19	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1329691	1285487	1270234	1295137	2.38	cps
Antimony	121-1	16619	17754	16435	16936	4.22	cps
Arsenic	75-2	10726	10411	10381	10506	1.82	cps
Barium	135-1	1254122	1252636	1239940	1248899	0.62	cps
Barium	137-1	2222802	2099336	2150219	2157452	2.88	cps
Beryllium	9-1	4784	4822	4794	4800	0.41	cps
Bismuth	209-1	5057657	5085820	5057227	5066901	0.32	cps
Bismuth	209-2	2521599	2755069	2832152	2702940	5.98	cps
Boron	10-1	6182	6436	6670	6430	3.80	cps
Boron	11-1	28873	31203	32101	30725	5.42	cps
Bromine	81-1	30134	32050	31729	31304	3.28	cps
Cadmium	111-1	18024	18139	18069	18077	0.32	cps
Cadmium	106-1	5476	5718	5601	5599	2.16	cps
Cadmium	108-1	1421	1404	1363	1396	2.15	cps
Calcium	43-1	2429964	2488107	2400299	2439457	1.83	cps
Calcium	44-1	37596672	39496348	38526575	38539865	2.46	cps
Carbon	12-1	6054091	6235396	6651514	6313667	4.85	cps
Carbon	12-2	64032	65589	64551	64724	1.22	cps
Chlorine	35-1	46216974	51979532	53988128	50728212	7.95	cps
Chlorine	35-2	354243	362599	367404	361415	1.84	cps
Chromium	52-2	69719	70841	71273	70611	1.14	cps
Cobalt	59-2	92042	90207	90576	90942	1.07	cps
Copper	63-2	586006	583401	582029	583812	0.35	cps
Dysprosium	156-1	71702	71534	71693	71643	0.13	cps
Dysprosium	156-2	32309	32767	31798	32291	1.50	cps
Erbium	164-1	62214	60999	60146	61120	1.70	cps
Erbium	164-2	26169	26954	26547	26557	1.48	cps
Gadolinium	160-1	67455	68611	64850	66972	2.88	cps
Gadolinium	160-2	35795	34796	34725	35105	1.70	cps
Holmium	165-1	9610543	9449923	9109782	9390082	2.72	cps
Holmium	165-2	3858146	4208460	4216551	4094386	5.00	cps
Indium	115-1	8653860	8371635	8492094	8505863	1.66	cps
Indium	115-2	1110991	1164683	1213950	1163208	4.43	cps
Iron	54-2	4278788	4327435	4256281	4287502	0.85	cps
Iron	56-2	78506799	76562618	76868116	77312511	1.35	cps
Iron	57-2	2031756	1949259	1957351	1979455	2.30	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-18	Instrumnet Name :	P8
Client Sample ID :	MH1FD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:45:19	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	930	1000	984	4.93	cps
Lead	206-1	3744459	3711294	3711354	3722369	0.51	cps
Lead	207-1	3210564	3141265	3146707	3166179	1.22	cps
Lead	208-1	14507118	14356893	14505044	14456352	0.60	cps
Lithium	6-1	2927262	2998961	2726783	2884336	4.89	cps
Magnesium	24-2	1663465	1642040	1551670	1619059	3.66	cps
Manganese	55-2	2104648	2073635	2115517	2097933	1.04	cps
Molybdenum	94-1	24222	24322	24372	24305	0.31	cps
Molybdenum	95-1	14525	14591	15117	14744	2.20	cps
Molybdenum	96-1	20858	20649	20115	20541	1.87	cps
Molybdenum	97-1	9045	8870	9287	9067	2.31	cps
Molybdenum	98-1	23312	22844	22861	23006	1.15	cps
Neodymium	150-1	120417	119811	119266	119831	0.48	cps
Neodymium	150-2	40060	40003	40000	40021	0.08	cps
Nickel	60-2	58851	57225	58021	58032	1.40	cps
Phosphorus	31-2	11930	12139	12806	12292	3.72	cps
Potassium	39-2	843553	820594	843118	835755	1.57	cps
Rhodium	103-1	8231507	8140947	8330144	8234199	1.15	cps
Rhodium	103-2	3415585	3474814	3726400	3538933	4.66	cps
Scandium	45-1	6883422	7181197	7145128	7069915	2.30	cps
Scandium	45-2	172359	182646	188825	181277	4.59	cps
Selenium	82-1	314	421	313	350	17.78	cps
Selenium	77-2	230	180	190	200	13.23	cps
Selenium	78-2	214	183	188	195	8.53	cps
Silicon	28-1	8541301	8347623	8765797	8551574	2.45	cps
Silver	107-1	33091	31537	32180	32269	2.42	cps
Silver	109-1	30593	30668	31512	30924	1.65	cps
Sodium	23-2	289387	291563	284816	288589	1.19	cps
Strontium	86-1	1047034	1049476	1053673	1050061	0.32	cps
Strontium	88-1	8894593	9341274	9030624	9088831	2.52	cps
Sulfur	34-1	459461	459068	461541	460023	0.29	cps
Terbium	159-1	10030192	9908631	9501594	9813472	2.82	cps
Terbium	159-2	3852527	4167954	4153847	4058109	4.39	cps
Thallium	203-1	5351	5426	5285	5354	1.32	cps
Thallium	205-1	12482	13124	12498	12701	2.88	cps
Tin	118-1	199749	188899	200050	196233	3.24	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-18	Instrumnet Name :	P8
Client Sample ID :	MH1FD7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:45:19	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	336108	332597	342785	337163	1.54	cps
Uranium	238-1	60998	60855	60537	60797	0.39	cps
Vanadium	51-2	161538	158440	159158	159712	1.02	cps
Ytterbium	172-1	17495	18113	17796	17801	1.73	cps
Ytterbium	172-2	9565	9504	9403	9491	0.86	cps
Ytterbium	176-1	12123	12097	11931	12050	0.87	cps
Ytterbium	176-2	11010	12289	12311	11870	6.27	cps
Yttrium	89-1	15551426	15802556	15322171	15558718	1.54	cps
Yttrium	89-2	1385467	1462768	1501522	1449919	4.08	cps
Zinc	66-2	460491	456381	457626	458166	0.46	cps
Zirconium	90-1	43243	45341	43368	43984	2.68	cps
Zirconium	91-1	9820	9645	9478	9648	1.77	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-19	Instrumnet Name :	P8
Client Sample ID :	MH1FD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:48:13	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1099396	1099239	1103509	1100715	0.22	cps
Antimony	121-1	10955	11422	10746	11041	3.13	cps
Arsenic	75-2	8335	7828	8119	8094	3.15	cps
Barium	135-1	959722	949456	970207	959795	1.08	cps
Barium	137-1	1687722	1673621	1681305	1680883	0.42	cps
Beryllium	9-1	3884	3754	3654	3764	3.06	cps
Bismuth	209-1	5239676	5182234	4848138	5090016	4.15	cps
Bismuth	209-2	2935696	2997432	2571788	2834972	8.11	cps
Boron	10-1	4068	4332	4290	4230	3.35	cps
Boron	11-1	20312	20671	21149	20711	2.03	cps
Bromine	81-1	29481	29722	31960	30388	4.50	cps
Cadmium	111-1	11550	11786	11888	11741	1.48	cps
Cadmium	106-1	4734	4943	4959	4879	2.57	cps
Cadmium	108-1	850	746	858	818	7.66	cps
Calcium	43-1	1635646	1718812	1661257	1671905	2.55	cps
Calcium	44-1	26757353	26541686	27021108	26773382	0.90	cps
Carbon	12-1	5660905	5588860	5576894	5608886	0.81	cps
Carbon	12-2	58057	57730	58450	58079	0.62	cps
Chlorine	35-1	48956573	54695410	57513558	53721847	8.12	cps
Chlorine	35-2	359001	364787	367516	363768	1.20	cps
Chromium	52-2	61495	58784	60209	60163	2.25	cps
Cobalt	59-2	77728	75178	76491	76466	1.67	cps
Copper	63-2	364836	359590	366856	363761	1.03	cps
Dysprosium	156-1	77550	76990	77064	77201	0.39	cps
Dysprosium	156-2	34571	34718	33789	34360	1.45	cps
Erbium	164-1	62272	62055	64508	62945	2.16	cps
Erbium	164-2	28430	27950	27198	27859	2.23	cps
Gadolinium	160-1	71377	70689	71585	71217	0.66	cps
Gadolinium	160-2	36583	36306	37764	36884	2.10	cps
Holmium	165-1	9437497	9294603	9231440	9321180	1.13	cps
Holmium	165-2	4413200	4305695	3759859	4159585	8.42	cps
Indium	115-1	8853939	8844065	8583774	8760593	1.75	cps
Indium	115-2	1225251	1275522	1055676	1185483	9.72	cps
Iron	54-2	3530480	3421948	3592798	3515075	2.46	cps
Iron	56-2	64590174	63167168	64701715	64153019	1.33	cps
Iron	57-2	1645143	1600201	1658192	1634512	1.86	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-19	Instrumnet Name :	P8
Client Sample ID :	MH1FD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:48:13	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	970	950	1010	8.63	cps
Lead	206-1	1911377	2012558	1936254	1953396	2.70	cps
Lead	207-1	1553503	1631831	1659167	1614833	3.40	cps
Lead	208-1	7689856	7633767	7616659	7646761	0.50	cps
Lithium	6-1	2932208	2996102	2837618	2921976	2.73	cps
Magnesium	24-2	1546449	1526247	1629715	1567470	3.50	cps
Manganese	55-2	1454622	1426377	1467867	1449622	1.46	cps
Molybdenum	94-1	18788	19089	17879	18585	3.39	cps
Molybdenum	95-1	15217	14541	14324	14694	3.17	cps
Molybdenum	96-1	18004	18738	19105	18616	3.01	cps
Molybdenum	97-1	8711	9212	8586	8836	3.74	cps
Molybdenum	98-1	22143	23170	22611	22641	2.27	cps
Neodymium	150-1	137054	134657	134947	135553	0.97	cps
Neodymium	150-2	43109	41999	42828	42646	1.35	cps
Nickel	60-2	60043	58155	60079	59426	1.85	cps
Phosphorus	31-2	8303	8611	8795	8569	2.90	cps
Potassium	39-2	859004	850465	846424	851964	0.75	cps
Rhodium	103-1	8422724	8399806	8037397	8286642	2.61	cps
Rhodium	103-2	3738389	3840606	3163597	3580864	10.19	cps
Scandium	45-1	7077424	7232044	6932137	7080535	2.12	cps
Scandium	45-2	190811	193764	160299	181625	10.20	cps
Selenium	82-1	226	307	358	297	22.41	cps
Selenium	77-2	190	170	210	190	10.53	cps
Selenium	78-2	182	195	184	187	3.74	cps
Silicon	28-1	8233782	7885330	8029129	8049414	2.18	cps
Silver	107-1	20875	20499	21409	20928	2.18	cps
Silver	109-1	20358	20499	19773	20210	1.90	cps
Sodium	23-2	198962	196639	198404	198001	0.61	cps
Strontium	86-1	704689	691832	685956	694159	1.38	cps
Strontium	88-1	5872629	5951467	6018389	5947495	1.23	cps
Sulfur	34-1	450202	445700	452371	449424	0.76	cps
Terbium	159-1	9797498	9517641	9684986	9666708	1.46	cps
Terbium	159-2	4248722	4396645	3730499	4125288	8.48	cps
Thallium	203-1	4551	4659	4701	4637	1.67	cps
Thallium	205-1	11280	11764	11222	11422	2.61	cps
Tin	118-1	87330	84142	89007	86826	2.85	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-19	Instrumnet Name :	P8
Client Sample ID :	MH1FD8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:48:13	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	201983	205352	200752	202696	1.18	cps
Uranium	238-1	47766	47741	46662	47389	1.33	cps
Vanadium	51-2	155691	155756	158146	156531	0.89	cps
Ytterbium	172-1	18171	17529	17420	17707	2.29	cps
Ytterbium	172-2	9554	8842	9214	9203	3.87	cps
Ytterbium	176-1	11806	11597	11605	11669	1.01	cps
Ytterbium	176-2	11655	12295	11544	11831	3.42	cps
Yttrium	89-1	14819633	15175826	15255808	15083756	1.54	cps
Yttrium	89-2	1454936	1518085	1271375	1414799	9.06	cps
Zinc	66-2	201638	193912	199992	198514	2.05	cps
Zirconium	90-1	27043	27311	28471	27609	2.75	cps
Zirconium	91-1	6518	6218	6819	6518	4.60	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:51:08	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892227	897868	883950	891348	0.79	cps
Antimony	121-1	15267	15034	14491	14931	2.67	cps
Arsenic	75-2	5916	5799	5809	5841	1.11	cps
Barium	135-1	846569	837330	825459	836453	1.27	cps
Barium	137-1	1440356	1466348	1420895	1442533	1.58	cps
Beryllium	9-1	3358	3352	3344	3351	0.21	cps
Bismuth	209-1	5224274	5163139	5165093	5184169	0.67	cps
Bismuth	209-2	2844688	2860497	2924421	2876535	1.47	cps
Boron	10-1	4358	4732	4768	4619	4.92	cps
Boron	11-1	21107	21800	22825	21911	3.95	cps
Bromine	81-1	30173	30154	30555	30294	0.75	cps
Cadmium	111-1	20328	20495	20241	20355	0.63	cps
Cadmium	106-1	5735	4884	5643	5421	8.61	cps
Cadmium	108-1	1504	1538	1579	1540	2.44	cps
Calcium	43-1	1799959	1883118	1890824	1857967	2.71	cps
Calcium	44-1	28173012	29479561	29214874	28955816	2.39	cps
Carbon	12-1	6909744	6828906	7058292	6932314	1.68	cps
Carbon	12-2	72907	71416	69699	71341	2.25	cps
Chlorine	35-1	45049720	49367253	52611274	49009416	7.74	cps
Chlorine	35-2	330350	334662	336396	333802	0.93	cps
Chromium	52-2	80462	80723	80116	80434	0.38	cps
Cobalt	59-2	72989	73116	72142	72749	0.73	cps
Copper	63-2	652021	661708	638986	650905	1.75	cps
Dysprosium	156-1	59249	56755	55533	57179	3.31	cps
Dysprosium	156-2	24990	25721	24857	25189	1.85	cps
Erbium	164-1	49008	48891	48874	48925	0.15	cps
Erbium	164-2	21047	20943	20990	20993	0.25	cps
Gadolinium	160-1	54211	52889	52120	53073	1.99	cps
Gadolinium	160-2	27716	27475	26977	27389	1.37	cps
Holmium	165-1	9445256	9261937	9434928	9380707	1.10	cps
Holmium	165-2	4243667	4213060	4275438	4244055	0.73	cps
Indium	115-1	8821382	8642484	8725305	8729724	1.03	cps
Indium	115-2	1217912	1209474	1213649	1213678	0.35	cps
Iron	54-2	4062461	4106754	4170673	4113296	1.32	cps
Iron	56-2	75649254	77477999	75647866	76258373	1.39	cps
Iron	57-2	1892363	1944753	1963958	1933692	1.92	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:51:08	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	957	1033	981	4.61	cps
Lead	206-1	4376233	4371365	4343783	4363793	0.40	cps
Lead	207-1	3769062	3710766	3795017	3758282	1.15	cps
Lead	208-1	16907139	17062128	17323346	17097538	1.23	cps
Lithium	6-1	2907919	2766587	2692374	2788960	3.93	cps
Magnesium	24-2	2069865	2135721	2065120	2090235	1.89	cps
Manganese	55-2	2248906	2314724	2299825	2287818	1.51	cps
Molybdenum	94-1	18513	17979	18504	18332	1.67	cps
Molybdenum	95-1	14533	14249	13907	14230	2.20	cps
Molybdenum	96-1	19556	19531	19823	19637	0.82	cps
Molybdenum	97-1	9062	9003	9203	9089	1.13	cps
Molybdenum	98-1	23337	23086	24030	23484	2.08	cps
Neodymium	150-1	94036	95769	97554	95786	1.84	cps
Neodymium	150-2	31631	30999	30194	30941	2.33	cps
Nickel	60-2	53932	53025	54066	53674	1.05	cps
Phosphorus	31-2	8553	9487	8528	8856	6.17	cps
Potassium	39-2	745421	743670	735964	741685	0.68	cps
Rhodium	103-1	7933779	8157344	8323624	8138249	2.40	cps
Rhodium	103-2	3799684	3718716	3754229	3757543	1.08	cps
Scandium	45-1	6897204	7244184	6892573	7011320	2.88	cps
Scandium	45-2	186541	184988	188138	186556	0.84	cps
Selenium	82-1	327	259	229	272	18.63	cps
Selenium	77-2	173	133	137	148	15.02	cps
Selenium	78-2	148	167	139	151	9.44	cps
Silicon	28-1	8150229	8049211	7994617	8064686	0.98	cps
Silver	107-1	34627	34494	33199	34107	2.31	cps
Silver	109-1	31554	33015	33642	32737	3.27	cps
Sodium	23-2	125195	123092	122739	123675	1.07	cps
Strontium	86-1	690954	707188	711777	703307	1.56	cps
Strontium	88-1	5998059	6005833	6118148	6040680	1.11	cps
Sulfur	34-1	459108	454766	451810	455228	0.81	cps
Terbium	159-1	9865186	9694288	9595665	9718380	1.40	cps
Terbium	159-2	4294288	4284653	4090817	4223253	2.72	cps
Thallium	203-1	4576	4859	4626	4687	3.23	cps
Thallium	205-1	10922	10855	11113	10963	1.22	cps
Tin	118-1	86282	88133	86617	87011	1.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:51:08	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	255630	263633	261165	260143	1.58	cps
Uranium	238-1	46403	46854	46570	46609	0.49	cps
Vanadium	51-2	125321	123844	122923	124029	0.98	cps
Ytterbium	172-1	14125	13691	13274	13696	3.11	cps
Ytterbium	172-2	7558	7330	6757	7215	5.72	cps
Ytterbium	176-1	9195	9128	8628	8984	3.45	cps
Ytterbium	176-2	10165	10732	11077	10658	4.32	cps
Yttrium	89-1	15191105	15106502	15316251	15204619	0.69	cps
Yttrium	89-2	1509666	1461887	1449972	1473842	2.14	cps
Zinc	66-2	578404	573842	565120	572456	1.18	cps
Zirconium	90-1	28296	28413	28555	28421	0.46	cps
Zirconium	91-1	6485	5868	6093	6149	5.08	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-21 Instrumnet Name : P8
 Client Sample ID : MH1FN1D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:54:01 DataFile Name : 132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	927143	930197	930235	929192	0.19	cps
Antimony	121-1	15075	14617	14925	14872	1.57	cps
Arsenic	75-2	6272	6131	6102	6168	1.48	cps
Barium	135-1	833872	857042	874179	855031	2.37	cps
Barium	137-1	1448736	1449727	1454382	1450948	0.21	cps
Beryllium	9-1	3504	3530	3532	3522	0.44	cps
Bismuth	209-1	5153054	5288361	5032385	5157933	2.48	cps
Bismuth	209-2	2844472	2932227	2890498	2889065	1.52	cps
Boron	10-1	4282	4596	4680	4519	4.64	cps
Boron	11-1	20731	22505	22953	22063	5.33	cps
Bromine	81-1	30465	30615	29391	30157	2.21	cps
Cadmium	111-1	20882	19947	20719	20516	2.43	cps
Cadmium	106-1	5918	5643	5426	5662	4.35	cps
Cadmium	108-1	1621	1558	1546	1575	2.55	cps
Calcium	43-1	1869108	1942265	1842350	1884574	2.74	cps
Calcium	44-1	30192713	30019453	30141396	30117854	0.30	cps
Carbon	12-1	7228819	7202717	7217472	7216336	0.18	cps
Carbon	12-2	74129	73777	72614	73507	1.08	cps
Chlorine	35-1	44326703	50136805	53566568	49343359	9.47	cps
Chlorine	35-2	332354	347423	352297	344025	3.02	cps
Chromium	52-2	83730	85641	84411	84594	1.14	cps
Cobalt	59-2	78602	78498	78833	78645	0.22	cps
Copper	63-2	684081	688351	682167	684866	0.46	cps
Dysprosium	156-1	59592	60982	58957	59844	1.73	cps
Dysprosium	156-2	26707	26186	26356	26416	1.01	cps
Erbium	164-1	50029	49518	47787	49111	2.39	cps
Erbium	164-2	21224	21461	21264	21316	0.60	cps
Gadolinium	160-1	55283	54245	57191	55573	2.69	cps
Gadolinium	160-2	27519	27846	28467	27944	1.72	cps
Holmium	165-1	8975570	9209970	8846694	9010745	2.04	cps
Holmium	165-2	4226286	4321858	4251148	4266431	1.16	cps
Indium	115-1	8614934	8408258	8606099	8543097	1.37	cps
Indium	115-2	1202990	1216157	1211119	1210089	0.55	cps
Iron	54-2	4329788	4391578	4309859	4343742	0.98	cps
Iron	56-2	79345399	77778618	78479668	78534562	1.00	cps
Iron	57-2	1993047	2045995	1991415	2010153	1.54	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN1D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:54:01	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	987	880	961	7.47	cps
Lead	206-1	4298456	4382413	4509511	4396793	2.42	cps
Lead	207-1	3748235	3795371	3855023	3799543	1.41	cps
Lead	208-1	17160289	17330172	17439993	17310151	0.81	cps
Lithium	6-1	2854854	2767443	2853936	2825411	1.78	cps
Magnesium	24-2	2142512	2126647	2158778	2142646	0.75	cps
Manganese	55-2	2368171	2313207	2336494	2339291	1.18	cps
Molybdenum	94-1	17854	19439	18438	18577	4.32	cps
Molybdenum	95-1	14283	14892	15367	14847	3.66	cps
Molybdenum	96-1	19039	19389	19072	19166	1.01	cps
Molybdenum	97-1	9078	8828	9087	8998	1.63	cps
Molybdenum	98-1	22986	22962	23078	23009	0.27	cps
Neodymium	150-1	96593	96995	99245	97611	1.46	cps
Neodymium	150-2	31380	31440	32182	31668	1.41	cps
Nickel	60-2	55829	55514	54564	55303	1.19	cps
Phosphorus	31-2	8828	9128	8795	8917	2.06	cps
Potassium	39-2	759515	773090	760923	764509	0.98	cps
Rhodium	103-1	8016516	8234605	8270205	8173775	1.68	cps
Rhodium	103-2	3731213	3689504	3691097	3703938	0.64	cps
Scandium	45-1	6816926	6836911	7001861	6885233	1.47	cps
Scandium	45-2	186031	183744	185033	184936	0.62	cps
Selenium	82-1	229	221	360	270	28.91	cps
Selenium	77-2	220	123	183	176	27.80	cps
Selenium	78-2	151	175	154	160	8.17	cps
Silicon	28-1	8050519	8145196	7985670	8060462	1.00	cps
Silver	107-1	34728	35162	35772	35221	1.49	cps
Silver	109-1	33374	33717	33683	33592	0.56	cps
Sodium	23-2	123009	121907	123438	122784	0.64	cps
Strontium	86-1	710917	716160	723244	716774	0.86	cps
Strontium	88-1	5951171	6075894	6096454	6041173	1.30	cps
Sulfur	34-1	459139	451566	446422	452375	1.41	cps
Terbium	159-1	9753617	9710009	9856737	9773454	0.77	cps
Terbium	159-2	4263941	4248685	4262153	4258260	0.20	cps
Thallium	203-1	4726	5076	4576	4793	5.36	cps
Thallium	205-1	10730	10463	11230	10808	3.60	cps
Tin	118-1	89811	87841	86818	88157	1.73	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN1D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:54:01	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	263751	265456	266997	265402	0.61	cps
Uranium	238-1	47441	49623	49406	48823	2.46	cps
Vanadium	51-2	128827	130011	128340	129059	0.67	cps
Ytterbium	172-1	14558	14942	14050	14517	3.08	cps
Ytterbium	172-2	7630	7752	7524	7636	1.49	cps
Ytterbium	176-1	9746	9937	9912	9865	1.06	cps
Ytterbium	176-2	10643	10621	11377	10881	3.95	cps
Yttrium	89-1	15062227	14920092	14851869	14944729	0.72	cps
Yttrium	89-2	1504864	1496505	1501572	1500980	0.28	cps
Zinc	66-2	593190	583871	597939	591667	1.21	cps
Zirconium	90-1	28488	27754	27286	27843	2.18	cps
Zirconium	91-1	5751	5943	6293	5996	4.58	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN1L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 17:56:56	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173975	175496	174254	174575	0.46	cps
Antimony	121-1	2884	2934	3034	2950	2.59	cps
Arsenic	75-2	1150	1203	1203	1186	2.58	cps
Barium	135-1	162648	159360	159125	160377	1.23	cps
Barium	137-1	277605	274079	283235	278306	1.66	cps
Beryllium	9-1	712	732	670	705	4.49	cps
Bismuth	209-1	4929190	5105424	5005824	5013479	1.76	cps
Bismuth	209-2	2930433	2797795	2911727	2879985	2.49	cps
Boron	10-1	1864	1890	1756	1836	3.87	cps
Boron	11-1	8833	9077	8453	8788	3.58	cps
Bromine	81-1	24677	23915	23354	23982	2.77	cps
Cadmium	111-1	4105	4024	4312	4147	3.59	cps
Cadmium	106-1	3659	4134	3601	3798	7.71	cps
Cadmium	108-1	392	408	325	375	11.76	cps
Calcium	43-1	347127	348913	346232	347424	0.39	cps
Calcium	44-1	5534656	5734007	5784888	5684517	2.33	cps
Carbon	12-1	4553520	4407128	4444057	4468235	1.70	cps
Carbon	12-2	44426	45479	44326	44744	1.43	cps
Chlorine	35-1	22124896	22226421	21430751	21927356	1.97	cps
Chlorine	35-2	118457	116374	115283	116704	1.38	cps
Chromium	52-2	16583	16847	16633	16688	0.84	cps
Cobalt	59-2	14084	14461	14444	14330	1.49	cps
Copper	63-2	130511	131001	129109	130207	0.75	cps
Dysprosium	156-1	11714	11172	11630	11505	2.54	cps
Dysprosium	156-2	4848	5121	4928	4965	2.83	cps
Erbium	164-1	9270	9529	9128	9309	2.18	cps
Erbium	164-2	4134	4061	4084	4093	0.92	cps
Gadolinium	160-1	10721	10971	10763	10819	1.24	cps
Gadolinium	160-2	5424	5565	5284	5424	2.58	cps
Holmium	165-1	8664586	9249437	8730661	8881562	3.61	cps
Holmium	165-2	4209920	4100993	4362181	4224365	3.11	cps
Indium	115-1	8096195	8452619	8313220	8287345	2.17	cps
Indium	115-2	1215513	1182743	1227856	1208704	1.93	cps
Iron	54-2	799298	796008	799190	798165	0.23	cps
Iron	56-2	15036793	14835226	14883071	14918364	0.71	cps
Iron	57-2	362845	359755	359647	360749	0.50	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN1L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 17:56:56	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	867	940	853	887	5.26	cps
Lead	206-1	788191	805128	788914	794078	1.21	cps
Lead	207-1	672079	668583	669800	670154	0.26	cps
Lead	208-1	3174419	3243171	3228719	3215437	1.13	cps
Lithium	6-1	2669201	2707774	2774965	2717313	1.97	cps
Magnesium	24-2	408971	407320	400024	405439	1.17	cps
Manganese	55-2	433523	442015	434583	436707	1.06	cps
Molybdenum	94-1	3434	3967	3751	3717	7.22	cps
Molybdenum	95-1	2659	3009	2834	2834	6.18	cps
Molybdenum	96-1	3784	3734	4034	3851	4.18	cps
Molybdenum	97-1	1558	1959	1658	1725	12.07	cps
Molybdenum	98-1	4726	4684	4543	4651	2.07	cps
Neodymium	150-1	18867	19862	18820	19183	3.07	cps
Neodymium	150-2	5955	6225	6388	6189	3.54	cps
Nickel	60-2	10848	10868	10644	10786	1.15	cps
Phosphorus	31-2	1842	1758	1683	1761	4.50	cps
Potassium	39-2	162652	161800	160570	161674	0.65	cps
Rhodium	103-1	7918528	8267107	8032297	8072644	2.20	cps
Rhodium	103-2	3698833	3678810	3602410	3660017	1.39	cps
Scandium	45-1	6382481	6728830	6527376	6546229	2.66	cps
Scandium	45-2	182946	175917	181353	180072	2.05	cps
Selenium	82-1	117	35	142	98	56.86	cps
Selenium	77-2	43	40	33	39	13.09	cps
Selenium	78-2	60	52	62	58	9.12	cps
Silicon	28-1	2003093	2030565	2019920	2017859	0.69	cps
Silver	107-1	6543	6794	7060	6799	3.80	cps
Silver	109-1	6702	6777	6718	6732	0.59	cps
Sodium	23-2	36229	35928	35327	35828	1.28	cps
Strontium	86-1	137045	135228	136700	136324	0.71	cps
Strontium	88-1	1141051	1154734	1160600	1152128	0.87	cps
Sulfur	34-1	427727	424746	423157	425210	0.55	cps
Terbium	159-1	9167848	9681776	9419798	9423141	2.73	cps
Terbium	159-2	4215710	4197297	4152442	4188483	0.78	cps
Thallium	203-1	1183	1083	1125	1131	4.44	cps
Thallium	205-1	2525	2392	2384	2434	3.27	cps
Tin	118-1	17729	17261	17345	17445	1.43	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN1L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 17:56:56	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	50357	49762	51017	50379	1.25	cps
Uranium	238-1	9470	8803	9062	9112	3.69	cps
Vanadium	51-2	24408	23910	24287	24202	1.07	cps
Ytterbium	172-1	2417	2542	2667	2542	4.92	cps
Ytterbium	172-2	1606	1522	1367	1498	8.09	cps
Ytterbium	176-1	2909	2492	2567	2656	8.36	cps
Ytterbium	176-2	6641	7147	7558	7115	6.46	cps
Yttrium	89-1	13190819	13894801	13841200	13642273	2.87	cps
Yttrium	89-2	1349745	1315622	1351106	1338824	1.50	cps
Zinc	66-2	115262	115413	115067	115247	0.15	cps
Zirconium	90-1	6010	6310	6368	6229	3.09	cps
Zirconium	91-1	1475	1358	1350	1395	5.01	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4902-22 Instrumnet Name : P8
 Client Sample ID : MH1FN1S Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 17:59:55 DataFile Name : 134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1003846	980337	991262	991815	1.19	cps
Antimony	121-1	69360	69276	70173	69603	0.71	cps
Arsenic	75-2	8015	8062	7934	8004	0.81	cps
Barium	135-1	1560246	1572724	1602607	1578526	1.38	cps
Barium	137-1	2665262	2741184	2696925	2701124	1.41	cps
Beryllium	9-1	17447	17943	17525	17638	1.51	cps
Bismuth	209-1	5117815	5247005	4914688	5093169	3.29	cps
Bismuth	209-2	2923475	2869860	2916674	2903336	1.01	cps
Boron	10-1	4068	4304	4414	4262	4.15	cps
Boron	11-1	19962	20835	21259	20685	3.20	cps
Bromine	81-1	30976	32150	31899	31675	1.95	cps
Cadmium	111-1	37114	38022	35798	36978	3.02	cps
Cadmium	106-1	7519	7911	6985	7472	6.22	cps
Cadmium	108-1	2629	2905	2942	2825	6.04	cps
Calcium	43-1	1978718	1990324	1949513	1972852	1.07	cps
Calcium	44-1	31755388	31701885	31616354	31691209	0.22	cps
Carbon	12-1	6727545	7021249	7207605	6985466	3.46	cps
Carbon	12-2	71492	72530	73091	72371	1.12	cps
Chlorine	35-1	40008437	45430117	49520983	44986512	10.61	cps
Chlorine	35-2	330544	338484	354013	341014	3.50	cps
Chromium	52-2	170956	168903	169181	169680	0.66	cps
Cobalt	59-2	429542	424213	425729	426495	0.64	cps
Copper	63-2	859797	847497	848080	851791	0.81	cps
Dysprosium	156-1	63259	64114	63117	63497	0.85	cps
Dysprosium	156-2	27993	29055	28380	28476	1.89	cps
Erbium	164-1	52806	52547	50991	52114	1.88	cps
Erbium	164-2	24389	22893	22990	23424	3.57	cps
Gadolinium	160-1	59375	60004	56547	58642	3.14	cps
Gadolinium	160-2	29994	30141	30264	30133	0.45	cps
Holmium	165-1	9005524	9285740	9244626	9178630	1.65	cps
Holmium	165-2	4277360	4357268	4459582	4364736	2.09	cps
Indium	115-1	8778518	8884336	8456493	8706449	2.56	cps
Indium	115-2	1198440	1241697	1240496	1226878	2.01	cps
Iron	54-2	4586183	4559178	4577106	4574155	0.30	cps
Iron	56-2	82640171	83995249	81236380	82623933	1.67	cps
Iron	57-2	2125574	2153403	2028037	2102338	3.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN1S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:59:55	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	750	817	833	11.14	cps
Lead	206-1	4442266	4433383	4695587	4523746	3.29	cps
Lead	207-1	3853117	3786313	3931434	3856955	1.88	cps
Lead	208-1	17915086	17642731	17831132	17796316	0.78	cps
Lithium	6-1	2759430	2811305	2704748	2758494	1.93	cps
Magnesium	24-2	2295625	2242495	2260908	2266343	1.19	cps
Manganese	55-2	2574092	2643591	2571991	2596558	1.57	cps
Molybdenum	94-1	21217	20649	21267	21044	1.63	cps
Molybdenum	95-1	14349	14833	14550	14577	1.67	cps
Molybdenum	96-1	19239	18822	19189	19083	1.19	cps
Molybdenum	97-1	8728	9170	8945	8948	2.47	cps
Molybdenum	98-1	23120	22828	22394	22780	1.60	cps
Neodymium	150-1	102679	105668	104384	104243	1.44	cps
Neodymium	150-2	34541	35032	34177	34583	1.24	cps
Nickel	60-2	153225	154777	151902	153301	0.94	cps
Phosphorus	31-2	9662	9103	9654	9473	3.38	cps
Potassium	39-2	821344	798416	806682	808814	1.44	cps
Rhodium	103-1	8290077	8324667	7936157	8183634	2.63	cps
Rhodium	103-2	3720291	3724597	3779521	3741470	0.88	cps
Scandium	45-1	6803789	7078322	6838764	6906959	2.16	cps
Scandium	45-2	182522	184821	187396	184913	1.32	cps
Selenium	82-1	1796	1919	1873	1862	3.35	cps
Selenium	77-2	190	223	197	203	8.68	cps
Selenium	78-2	314	301	320	312	3.12	cps
Silicon	28-1	9912170	9968022	10077988	9986060	0.84	cps
Silver	107-1	134830	140994	142711	139512	2.97	cps
Silver	109-1	133110	129466	134883	132486	2.08	cps
Sodium	23-2	129741	132777	131692	131403	1.17	cps
Strontium	86-1	739001	779337	762382	760240	2.66	cps
Strontium	88-1	6265322	6729588	6515657	6503522	3.57	cps
Sulfur	34-1	454660	456848	454073	455194	0.32	cps
Terbium	159-1	9818948	9882448	9366217	9689205	2.91	cps
Terbium	159-2	4232134	4298212	4405532	4311959	2.03	cps
Thallium	203-1	49319	50784	49797	49967	1.49	cps
Thallium	205-1	120637	117810	119978	119475	1.24	cps
Tin	118-1	121303	124861	119504	121889	2.24	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN1S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 17:59:55	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275645	281180	283843	280223	1.49	cps
Uranium	238-1	54101	52670	50845	52539	3.11	cps
Vanadium	51-2	290523	285222	289746	288497	0.99	cps
Ytterbium	172-1	14683	14792	15001	14825	1.09	cps
Ytterbium	172-2	8447	8353	7758	8186	4.56	cps
Ytterbium	176-1	10279	9946	10263	10163	1.85	cps
Ytterbium	176-2	10977	10866	10971	10938	0.57	cps
Yttrium	89-1	14750555	15447268	14404395	14867406	3.57	cps
Yttrium	89-2	1497717	1464003	1494220	1485313	1.25	cps
Zinc	66-2	671260	669857	665084	668734	0.48	cps
Zirconium	90-1	35355	33792	33625	34257	2.79	cps
Zirconium	91-1	7644	7719	7452	7605	1.81	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141135BL Instrumnet Name : P8
 Client Sample ID : PBS135 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:05:43 DataFile Name : 135CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147	172	174	165	9.00	cps
Antimony	121-1	50	42	25	39	32.73	cps
Arsenic	75-2	5	5	2	4	43.30	cps
Barium	135-1	233	167	167	189	20.38	cps
Barium	137-1	342	217	183	247	33.76	cps
Beryllium	9-1	38	36	52	42	20.76	cps
Bismuth	209-1	4921743	4859181	4880406	4887110	0.65	cps
Bismuth	209-2	2767183	2794858	2774969	2779003	0.51	cps
Boron	10-1	746	662	732	713	6.31	cps
Boron	11-1	3412	3276	3294	3327	2.22	cps
Bromine	81-1	21128	21228	20537	20964	1.78	cps
Cadmium	111-1	293	326	304	308	5.38	cps
Cadmium	106-1	2942	3084	3292	3106	5.67	cps
Cadmium	108-1	25	17	42	28	45.82	cps
Calcium	43-1	527	457	434	473	10.31	cps
Calcium	44-1	24978	23692	23225	23965	3.79	cps
Carbon	12-1	3902046	3707734	3657041	3755607	3.44	cps
Carbon	12-2	36613	36496	37724	36944	1.83	cps
Chlorine	35-1	8477948	7962753	7409256	7949986	6.72	cps
Chlorine	35-2	40867	38669	36296	38611	5.92	cps
Chromium	52-2	873	883	937	898	3.79	cps
Cobalt	59-2	53	77	70	67	18.03	cps
Copper	63-2	883	857	763	834	7.55	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	142	83	58	94	45.27	cps
Erbium	164-2	40	33	30	34	14.78	cps
Gadolinium	160-1	17	50	50	39	49.48	cps
Gadolinium	160-2	67	73	110	83	28.00	cps
Holmium	165-1	8577674	8761664	8638793	8659377	1.08	cps
Holmium	165-2	4271227	4119723	4106183	4165711	2.20	cps
Indium	115-1	7988218	8424632	8051736	8154862	2.89	cps
Indium	115-2	1193714	1187846	1198636	1193398	0.45	cps
Iron	54-2	733	678	728	713	4.29	cps
Iron	56-2	8042	8365	6391	7599	13.93	cps
Iron	57-2	406	417	328	383	12.63	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BL	Instrumnet Name :	P8
Client Sample ID :	PBS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:05:43	DataFile Name :	135CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	763	873	877	838	7.70	cps
Lead	206-1	1061	1006	1033	1033	2.69	cps
Lead	207-1	917	945	1028	963	6.01	cps
Lead	208-1	4795	4111	4223	4376	8.38	cps
Lithium	6-1	2550458	2665998	2636732	2617729	2.29	cps
Magnesium	24-2	658	675	658	664	1.45	cps
Manganese	55-2	200	213	177	197	9.44	cps
Molybdenum	94-1	283	250	333	289	14.52	cps
Molybdenum	95-1	58	50	33	47	26.97	cps
Molybdenum	96-1	208	167	167	181	13.32	cps
Molybdenum	97-1	25	58	8	31	83.32	cps
Molybdenum	98-1	100	125	75	100	25.00	cps
Neodymium	150-1	13	13	40	22	69.30	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	67	97	37	67	45.00	cps
Phosphorus	31-2	117	83	33	78	53.93	cps
Potassium	39-2	17119	17636	18162	17639	2.96	cps
Rhodium	103-1	7947163	7979512	7928712	7951795	0.32	cps
Rhodium	103-2	3726102	3717333	3734521	3725986	0.23	cps
Scandium	45-1	6618657	6639990	6610349	6622999	0.23	cps
Scandium	45-2	178629	180186	178609	179141	0.51	cps
Selenium	82-1	87	-51	-41	-2	-4313.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	47	64	52	20.09	cps
Silicon	28-1	561835	556618	563413	560622	0.63	cps
Silver	107-1	275	208	233	239	14.10	cps
Silver	109-1	175	183	200	186	6.84	cps
Sodium	23-2	12647	12773	12747	12723	0.52	cps
Strontium	86-1	1667	1567	1650	1628	3.29	cps
Strontium	88-1	1692	1217	1242	1384	19.33	cps
Sulfur	34-1	399096	400296	405425	401605	0.84	cps
Terbium	159-1	9312073	9202608	9255264	9256648	0.59	cps
Terbium	159-2	4037312	4112952	4145526	4098597	1.35	cps
Thallium	203-1	100	125	92	106	16.43	cps
Thallium	205-1	242	225	192	219	11.60	cps
Tin	118-1	317	492	575	461	28.59	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BL	Instrumnet Name :	P8
Client Sample ID :	PBS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:05:43	DataFile Name :	135CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	200	292	267	21.88	cps
Uranium	238-1	8	42	8	19	99.00	cps
Vanadium	51-2	23	13	13	17	34.65	cps
Ytterbium	172-1	33	33	33	33	0.00	cps
Ytterbium	172-2	11	11	0	7	86.60	cps
Ytterbium	176-1	833	1067	925	942	12.48	cps
Ytterbium	176-2	5529	5924	5624	5692	3.62	cps
Yttrium	89-1	13187349	13310965	13628968	13375761	1.70	cps
Yttrium	89-2	1320699	1316048	1326912	1321220	0.41	cps
Zinc	66-2	167	123	140	143	15.25	cps
Zirconium	90-1	742	708	667	706	5.33	cps
Zirconium	91-1	217	158	242	206	20.80	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141135BS Instrumnet Name : P8
 Client Sample ID : LCS135 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:08:49 DataFile Name : 136LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1772	1669	1761	1734	3.28	cps
Antimony	121-1	21910	22352	21351	21871	2.30	cps
Arsenic	75-2	340	355	322	339	4.87	cps
Barium	135-1	27654	29066	29541	28754	3.41	cps
Barium	137-1	49366	47752	48806	48641	1.68	cps
Beryllium	9-1	2728	2726	2842	2765	2.40	cps
Bismuth	209-1	4902570	4836959	4832952	4857494	0.80	cps
Bismuth	209-2	2803689	2733496	2847546	2794911	2.06	cps
Boron	10-1	5612	6074	6370	6019	6.35	cps
Boron	11-1	26625	29456	30890	28990	7.49	cps
Bromine	81-1	21559	22692	21950	22067	2.61	cps
Cadmium	111-1	3201	3046	3332	3193	4.48	cps
Cadmium	106-1	3834	3509	3826	3723	4.98	cps
Cadmium	108-1	196	233	204	211	9.33	cps
Calcium	43-1	22502	22435	21720	22219	1.95	cps
Calcium	44-1	378510	380539	376194	378414	0.57	cps
Carbon	12-1	3859789	3973164	3834678	3889210	1.90	cps
Carbon	12-2	39738	41125	37958	39607	4.01	cps
Chlorine	35-1	4632037	4511733	4426729	4523500	2.28	cps
Chlorine	35-2	24922	23311	22618	23617	5.00	cps
Chromium	52-2	7836	8006	7679	7840	2.09	cps
Cobalt	59-2	6258	6341	6435	6345	1.39	cps
Copper	63-2	10177	10290	10611	10359	2.17	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	75	92	33	67	45.07	cps
Erbium	164-2	40	37	10	29	56.92	cps
Gadolinium	160-1	50	33	58	47	26.97	cps
Gadolinium	160-2	50	63	93	69	32.22	cps
Holmium	165-1	8770853	8616184	8952870	8779969	1.92	cps
Holmium	165-2	4127278	4138823	4233323	4166475	1.40	cps
Indium	115-1	8366114	8213293	8222972	8267460	1.04	cps
Indium	115-2	1200005	1206560	1201832	1202799	0.28	cps
Iron	54-2	32710	32760	31825	32431	1.62	cps
Iron	56-2	579189	576835	565163	573729	1.31	cps
Iron	57-2	14496	14424	14235	14385	0.94	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BS	Instrumnet Name :	P8
Client Sample ID :	LCS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:08:49	DataFile Name :	136LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	800	873	818	6.01	cps
Lead	206-1	7903	7780	7497	7727	2.69	cps
Lead	207-1	6824	6641	6902	6789	1.98	cps
Lead	208-1	30208	29669	30331	30069	1.17	cps
Lithium	6-1	2695139	2614290	2549373	2619601	2.79	cps
Magnesium	24-2	130676	125136	130575	128795	2.46	cps
Manganese	55-2	1763	1817	1780	1787	1.53	cps
Molybdenum	94-1	27854	27536	26877	27422	1.82	cps
Molybdenum	95-1	33558	33090	33658	33435	0.91	cps
Molybdenum	96-1	35329	37727	37276	36777	3.47	cps
Molybdenum	97-1	20824	20424	20240	20496	1.46	cps
Molybdenum	98-1	52876	50878	51848	51867	1.93	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1850	1787	1780	1806	2.14	cps
Phosphorus	31-2	175	142	225	181	23.23	cps
Potassium	39-2	113872	109893	112117	111961	1.78	cps
Rhodium	103-1	7972169	7944099	7984510	7966926	0.26	cps
Rhodium	103-2	3704014	3697853	3691272	3697713	0.17	cps
Scandium	45-1	6702023	6506787	6392769	6533860	2.39	cps
Scandium	45-2	178673	176847	181062	178861	1.18	cps
Selenium	82-1	1201	1227	1137	1189	3.93	cps
Selenium	77-2	27	33	17	26	32.81	cps
Selenium	78-2	147	142	140	143	2.52	cps
Silicon	28-1	663986	661967	657646	661200	0.49	cps
Silver	107-1	13841	15217	15175	14744	5.31	cps
Silver	109-1	13624	13023	13282	13310	2.26	cps
Sodium	23-2	257430	254928	259712	257357	0.93	cps
Strontium	86-1	6610	5977	5801	6129	6.94	cps
Strontium	88-1	38588	37626	38002	38072	1.27	cps
Sulfur	34-1	412501	416292	418555	415783	0.74	cps
Terbium	159-1	9098563	9320595	8959778	9126312	1.99	cps
Terbium	159-2	4158409	4114631	4145745	4139595	0.54	cps
Thallium	203-1	8078	8586	8178	8281	3.25	cps
Thallium	205-1	19615	20008	20909	20178	3.29	cps
Tin	118-1	51348	51439	50778	51188	0.70	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141135BS	Instrumnet Name :	P8
Client Sample ID :	LCS135	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:08:49	DataFile Name :	136LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11338	10888	11054	11093	2.05	cps
Uranium	238-1	24341	24074	24516	24310	0.92	cps
Vanadium	51-2	14107	14307	14024	14146	1.03	cps
Ytterbium	172-1	17	25	17	19	24.73	cps
Ytterbium	172-2	17	33	17	22	43.28	cps
Ytterbium	176-1	858	792	1000	883	12.05	cps
Ytterbium	176-2	5874	6074	5907	5951	1.80	cps
Yttrium	89-1	13294600	13192859	13311836	13266432	0.48	cps
Yttrium	89-2	1310556	1332700	1306041	1316432	1.08	cps
Zinc	66-2	2624	2620	2780	2675	3.42	cps
Zirconium	90-1	23178	24155	24146	23826	2.36	cps
Zirconium	91-1	5410	5184	4684	5093	7.29	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-01 Instrumnet Name : P8
 Client Sample ID : MH1FD9 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:11:56 DataFile Name : 137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1336105	1346853	1330763	1337907	0.61	cps
Antimony	121-1	20149	19907	20257	20104	0.89	cps
Arsenic	75-2	15469	15444	15199	15371	0.97	cps
Barium	135-1	1405847	1387858	1374469	1389391	1.13	cps
Barium	137-1	2412530	2492986	2445644	2450387	1.65	cps
Beryllium	9-1	4034	3796	3954	3928	3.08	cps
Bismuth	209-1	5081091	5304524	4972266	5119294	3.31	cps
Bismuth	209-2	2967057	3039989	2604347	2870464	8.13	cps
Boron	10-1	5416	5470	5816	5567	3.90	cps
Boron	11-1	27166	27080	27879	27375	1.60	cps
Bromine	81-1	30344	31207	29823	30458	2.30	cps
Cadmium	111-1	21157	21241	21943	21447	2.01	cps
Cadmium	106-1	6160	5660	6060	5960	4.44	cps
Cadmium	108-1	1775	1858	1742	1792	3.35	cps
Calcium	43-1	3165040	3147945	3107582	3140189	0.94	cps
Calcium	44-1	51053757	52026011	50711071	51263613	1.33	cps
Carbon	12-1	12141957	12543155	12809220	12498110	2.69	cps
Carbon	12-2	129713	130207	130310	130077	0.25	cps
Chlorine	35-1	28643729	34777972	39906349	34442683	16.37	cps
Chlorine	35-2	287957	301431	304440	297943	2.95	cps
Chromium	52-2	220601	217108	215752	217821	1.15	cps
Cobalt	59-2	111906	112823	110388	111706	1.10	cps
Copper	63-2	729502	733605	721891	728333	0.82	cps
Dysprosium	156-1	76614	75707	74651	75657	1.30	cps
Dysprosium	156-2	33936	32329	33114	33127	2.43	cps
Erbium	164-1	60204	60965	62104	61091	1.57	cps
Erbium	164-2	26730	26964	26129	26608	1.62	cps
Gadolinium	160-1	67865	67723	68686	68091	0.76	cps
Gadolinium	160-2	35314	34702	34632	34882	1.07	cps
Holmium	165-1	9192533	9457773	9175856	9275388	1.71	cps
Holmium	165-2	4425613	4544478	3922095	4297395	7.69	cps
Indium	115-1	8786827	8860592	8642750	8763390	1.26	cps
Indium	115-2	1245668	1267352	1144626	1219215	5.37	cps
Iron	54-2	6515885	6502246	6343114	6453748	1.49	cps
Iron	56-2	117510825	117393972	115424394	116776397	1.00	cps
Iron	57-2	2948827	3020203	2955167	2974733	1.33	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-01	Instrumnet Name :	P8
Client Sample ID :	MH1FD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:11:56	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	1103	953	1022	7.41	cps
Lead	206-1	6767525	6357736	6658848	6594703	3.22	cps
Lead	207-1	5803567	5482831	5556197	5614199	2.99	cps
Lead	208-1	26671190	26005118	25899610	26191973	1.60	cps
Lithium	6-1	2837681	2846904	2728202	2804262	2.35	cps
Magnesium	24-2	2534289	2471394	2534402	2513362	1.45	cps
Manganese	55-2	2775716	2723611	2729947	2743091	1.04	cps
Molybdenum	94-1	28680	27678	27903	28087	1.87	cps
Molybdenum	95-1	21075	20524	21091	20897	1.55	cps
Molybdenum	96-1	28313	27469	28380	28054	1.81	cps
Molybdenum	97-1	12589	13240	13232	13020	2.87	cps
Molybdenum	98-1	33148	33725	32364	33079	2.07	cps
Neodymium	150-1	126242	130887	130344	129158	1.97	cps
Neodymium	150-2	42745	41768	41641	42051	1.44	cps
Nickel	60-2	81197	78910	79333	79814	1.52	cps
Phosphorus	31-2	15333	15117	14683	15044	2.20	cps
Potassium	39-2	1032409	1045404	1017999	1031937	1.33	cps
Rhodium	103-1	8335313	8337059	8177335	8283236	1.11	cps
Rhodium	103-2	3904666	3795711	3370655	3690344	7.65	cps
Scandium	45-1	7160580	7133170	6886566	7060105	2.14	cps
Scandium	45-2	194688	196608	173678	188325	6.75	cps
Selenium	82-1	497	307	473	426	24.22	cps
Selenium	77-2	183	243	207	211	14.33	cps
Selenium	78-2	213	209	174	199	10.80	cps
Silicon	28-1	12366591	12272672	12560689	12399984	1.18	cps
Silver	107-1	24915	24998	23454	24456	3.55	cps
Silver	109-1	22870	23153	22769	22931	0.87	cps
Sodium	23-2	228386	229826	227618	228610	0.49	cps
Strontium	86-1	1223261	1226350	1198192	1215935	1.27	cps
Strontium	88-1	10446252	10271944	10277055	10331750	0.96	cps
Sulfur	34-1	505725	498565	496556	500282	0.96	cps
Terbium	159-1	10418843	10116049	9704877	10079923	3.56	cps
Terbium	159-2	4317665	4417886	3880374	4205308	6.80	cps
Thallium	203-1	4551	4326	4518	4465	2.72	cps
Thallium	205-1	11347	10171	10980	10833	5.55	cps
Tin	118-1	114337	113672	116338	114782	1.21	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-01	Instrumnet Name :	P8
Client Sample ID :	MH1FD9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:11:56	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	702883	691841	689053	694592	1.05	cps
Uranium	238-1	89400	93537	94101	92346	2.78	cps
Vanadium	51-2	192896	192639	190374	191970	0.72	cps
Ytterbium	172-1	16628	18588	16970	17395	6.02	cps
Ytterbium	172-2	9387	9359	9515	9420	0.88	cps
Ytterbium	176-1	10746	11322	11364	11144	3.10	cps
Ytterbium	176-2	11522	12439	11422	11794	4.75	cps
Yttrium	89-1	16062863	15464159	15106519	15544513	3.11	cps
Yttrium	89-2	1577955	1562130	1380180	1506755	7.29	cps
Zinc	66-2	931550	921991	899856	917799	1.77	cps
Zirconium	90-1	44497	46644	44488	45210	2.75	cps
Zirconium	91-1	10229	10171	10187	10196	0.30	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-02 Instrumnet Name : P8
 Client Sample ID : MH1FE0 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:14:52 DataFile Name : 138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1443542	1461971	1405738	1437083	1.99	cps
Antimony	121-1	13490	13757	12982	13410	2.94	cps
Arsenic	75-2	9087	9054	9162	9101	0.61	cps
Barium	135-1	1222485	1215458	1208477	1215473	0.58	cps
Barium	137-1	2138754	2155361	2130099	2141404	0.60	cps
Beryllium	9-1	3642	3736	3634	3670	1.55	cps
Bismuth	209-1	5169921	5195290	5034438	5133216	1.68	cps
Bismuth	209-2	2808908	2893553	2768267	2823576	2.26	cps
Boron	10-1	4134	3970	4112	4072	2.19	cps
Boron	11-1	18822	19213	19537	19191	1.87	cps
Bromine	81-1	34578	32983	32793	33451	2.93	cps
Cadmium	111-1	14141	14493	13775	14136	2.54	cps
Cadmium	106-1	5343	5226	4793	5121	5.66	cps
Cadmium	108-1	1121	1208	1142	1157	3.95	cps
Calcium	43-1	2098788	2160912	2185591	2148430	2.08	cps
Calcium	44-1	34103520	34898804	34798860	34600395	1.25	cps
Carbon	12-1	9242517	9017588	9327447	9195851	1.74	cps
Carbon	12-2	96300	94723	96610	95878	1.06	cps
Chlorine	35-1	40156026	46215179	50061500	45477568	10.98	cps
Chlorine	35-2	332930	340301	350897	341376	2.65	cps
Chromium	52-2	153970	156062	153445	154492	0.90	cps
Cobalt	59-2	114593	114436	111960	113663	1.30	cps
Copper	63-2	669435	656366	649672	658491	1.53	cps
Dysprosium	156-1	85231	86532	85760	85841	0.76	cps
Dysprosium	156-2	38111	38739	38569	38473	0.84	cps
Erbium	164-1	68829	68100	68361	68430	0.54	cps
Erbium	164-2	30204	31437	31143	30928	2.08	cps
Gadolinium	160-1	79614	79706	77988	79103	1.22	cps
Gadolinium	160-2	40970	40933	39920	40607	1.47	cps
Holmium	165-1	9276750	9178715	8841702	9099056	2.51	cps
Holmium	165-2	4241894	4227098	4305584	4258192	0.98	cps
Indium	115-1	8716031	8704914	8522597	8647847	1.26	cps
Indium	115-2	1219725	1227107	1225337	1224056	0.31	cps
Iron	54-2	6177596	6267991	6158771	6201452	0.94	cps
Iron	56-2	113056108	112280225	109488108	111608147	1.68	cps
Iron	57-2	2902257	2847282	2875160	2874899	0.96	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-02	Instrumnet Name :	P8
Client Sample ID :	MH1FE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:14:52	DataFile Name :	138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	1047	1020	1040	1.70	cps
Lead	206-1	4076055	3911698	3833821	3940525	3.14	cps
Lead	207-1	3358082	3330752	3323619	3337484	0.55	cps
Lead	208-1	15429130	15349519	15174275	15317642	0.85	cps
Lithium	6-1	2845276	2686239	2694408	2741975	3.27	cps
Magnesium	24-2	2684340	2696778	2649698	2676939	0.91	cps
Manganese	55-2	2184305	2251086	2178285	2204559	1.83	cps
Molybdenum	94-1	26209	24347	25541	25366	3.72	cps
Molybdenum	95-1	16919	16352	16101	16457	2.55	cps
Molybdenum	96-1	24013	23821	24005	23946	0.45	cps
Molybdenum	97-1	10546	10104	10821	10490	3.45	cps
Molybdenum	98-1	26718	25966	27436	26707	2.75	cps
Neodymium	150-1	147334	147230	148490	147684	0.47	cps
Neodymium	150-2	48718	48601	48364	48561	0.37	cps
Nickel	60-2	92378	92320	92984	92561	0.40	cps
Phosphorus	31-2	13965	13090	12989	13348	4.02	cps
Potassium	39-2	1139948	1151371	1132016	1141112	0.85	cps
Rhodium	103-1	8379318	8297368	7900985	8192557	3.12	cps
Rhodium	103-2	3845296	3742537	3816382	3801405	1.39	cps
Scandium	45-1	7090266	7061649	6899857	7017257	1.46	cps
Scandium	45-2	189601	189986	188585	189391	0.38	cps
Selenium	82-1	489	445	468	467	4.64	cps
Selenium	77-2	230	210	213	218	4.92	cps
Selenium	78-2	225	222	242	230	4.70	cps
Silicon	28-1	11304230	11467730	11383449	11385136	0.72	cps
Silver	107-1	17537	17587	17662	17595	0.36	cps
Silver	109-1	17370	16902	16752	17008	1.89	cps
Sodium	23-2	205569	202207	206715	204830	1.14	cps
Strontium	86-1	926313	949769	930054	935379	1.35	cps
Strontium	88-1	8246421	8031421	7740410	8006084	3.17	cps
Sulfur	34-1	478928	477835	479607	478790	0.19	cps
Terbium	159-1	10036701	9627506	9874488	9846232	2.09	cps
Terbium	159-2	4281788	4170089	4268047	4239974	1.44	cps
Thallium	203-1	4668	4418	4709	4598	3.43	cps
Thallium	205-1	11597	11455	10538	11197	5.14	cps
Tin	118-1	73231	74311	73415	73652	0.78	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-02	Instrumnet Name :	P8
Client Sample ID :	MH1FE0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:14:52	DataFile Name :	138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1000516	1017948	991452	1003305	1.34	cps
Uranium	238-1	103297	108602	108062	106654	2.74	cps
Vanadium	51-2	201158	198099	198159	199139	0.88	cps
Ytterbium	172-1	19915	19582	19098	19532	2.10	cps
Ytterbium	172-2	10894	10755	10643	10764	1.16	cps
Ytterbium	176-1	12531	12373	12948	12617	2.36	cps
Ytterbium	176-2	12462	12984	12634	12693	2.10	cps
Yttrium	89-1	15509651	15430014	14844814	15261493	2.38	cps
Yttrium	89-2	1536189	1556281	1542815	1545095	0.66	cps
Zinc	66-2	468744	469099	472735	470193	0.47	cps
Zirconium	90-1	44740	45568	43101	44470	2.82	cps
Zirconium	91-1	9996	10021	9837	9951	1.00	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-03	Instrumnet Name :	P8
Client Sample ID :	MH1FE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:17:45	DataFile Name :	139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1146673	1162175	1152658	1153836	0.68	cps
Antimony	121-1	21225	21509	22219	21651	2.36	cps
Arsenic	75-2	53439	52918	53558	53305	0.64	cps
Barium	135-1	1164805	1160271	1143278	1156118	0.98	cps
Barium	137-1	2134333	1988157	2019873	2047455	3.76	cps
Beryllium	9-1	3810	3914	3724	3816	2.49	cps
Bismuth	209-1	5008111	5154187	5095163	5085820	1.44	cps
Bismuth	209-2	2774358	2884407	2926550	2861772	2.75	cps
Boron	10-1	2880	2808	2950	2879	2.47	cps
Boron	11-1	13872	14242	14869	14328	3.52	cps
Bromine	81-1	31549	31769	31749	31689	0.38	cps
Cadmium	111-1	21911	22166	22018	22032	0.58	cps
Cadmium	106-1	6060	5876	6160	6032	2.38	cps
Cadmium	108-1	1692	1600	1888	1727	8.51	cps
Calcium	43-1	2644477	2534937	2586767	2588727	2.12	cps
Calcium	44-1	42144013	40941270	40947602	41344295	1.68	cps
Carbon	12-1	6146033	6114074	6165572	6141893	0.42	cps
Carbon	12-2	62743	62333	62911	62662	0.47	cps
Chlorine	35-1	48600200	54668868	57188039	53485702	8.25	cps
Chlorine	35-2	357700	365856	366566	363374	1.36	cps
Chromium	52-2	81521	82453	83307	82427	1.08	cps
Cobalt	59-2	89684	88899	89472	89352	0.45	cps
Copper	63-2	877692	876200	863690	872527	0.88	cps
Dysprosium	156-1	70084	72079	72557	71573	1.83	cps
Dysprosium	156-2	32506	31320	31995	31940	1.86	cps
Erbium	164-1	58203	59133	58086	58474	0.98	cps
Erbium	164-2	26219	25748	25738	25902	1.06	cps
Gadolinium	160-1	64608	65856	66467	65643	1.44	cps
Gadolinium	160-2	33232	33790	34000	33674	1.18	cps
Holmium	165-1	9225779	9155001	9208451	9196410	0.40	cps
Holmium	165-2	4271523	4225491	4197969	4231661	0.88	cps
Indium	115-1	8766326	8596827	8493802	8618985	1.60	cps
Indium	115-2	1175894	1202601	1212955	1197150	1.60	cps
Iron	54-2	5395416	5408910	5363288	5389205	0.43	cps
Iron	56-2	100600899	100213938	99212847	100009228	0.72	cps
Iron	57-2	2572019	2559661	2506333	2546004	1.37	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-03	Instrumnet Name :	P8
Client Sample ID :	MH1FE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:17:45	DataFile Name :	139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	993	990	978	2.47	cps
Lead	206-1	5488896	5622829	5702017	5604581	1.92	cps
Lead	207-1	4701464	4823636	4825955	4783685	1.49	cps
Lead	208-1	21469801	22411809	22206827	22029479	2.25	cps
Lithium	6-1	2720680	2645371	2703652	2689901	1.47	cps
Magnesium	24-2	1677573	1685053	1706970	1689865	0.90	cps
Manganese	55-2	2403418	2377144	2346716	2375759	1.19	cps
Molybdenum	94-1	21601	22269	20741	21537	3.56	cps
Molybdenum	95-1	18062	19439	17370	18290	5.76	cps
Molybdenum	96-1	23470	23278	24247	23665	2.17	cps
Molybdenum	97-1	10754	11080	11422	11085	3.01	cps
Molybdenum	98-1	27745	29040	27653	28146	2.75	cps
Neodymium	150-1	123088	123951	122220	123086	0.70	cps
Neodymium	150-2	39117	39919	38211	39082	2.19	cps
Nickel	60-2	74759	73797	73854	74137	0.73	cps
Phosphorus	31-2	8703	9245	9612	9187	4.98	cps
Potassium	39-2	596372	597311	596651	596778	0.08	cps
Rhodium	103-1	8214220	7966110	7928148	8036159	1.93	cps
Rhodium	103-2	3669481	3703208	3663092	3678594	0.59	cps
Scandium	45-1	6949091	6698234	6940445	6862590	2.08	cps
Scandium	45-2	181134	185105	188095	184778	1.89	cps
Selenium	82-1	383	320	372	358	9.42	cps
Selenium	77-2	177	200	167	181	9.44	cps
Selenium	78-2	188	208	194	197	5.22	cps
Silicon	28-1	10746751	10447870	10176939	10457187	2.73	cps
Silver	107-1	32038	31812	32589	32147	1.24	cps
Silver	109-1	29842	30626	30810	30426	1.69	cps
Sodium	23-2	191448	191470	190502	191140	0.29	cps
Strontium	86-1	957536	969701	965268	964168	0.64	cps
Strontium	88-1	8249577	8167025	8549265	8321956	2.42	cps
Sulfur	34-1	449774	448846	448345	448989	0.16	cps
Terbium	159-1	9744642	9761487	10094000	9866709	2.00	cps
Terbium	159-2	4057039	4414638	4260182	4243953	4.23	cps
Thallium	203-1	5485	5510	5635	5543	1.45	cps
Thallium	205-1	12882	13557	14016	13485	4.23	cps
Tin	118-1	129630	130069	131295	130331	0.66	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-03	Instrumnet Name :	P8
Client Sample ID :	MH1FE1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:17:45	DataFile Name :	139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	329403	334133	333516	332350	0.77	cps
Uranium	238-1	125996	124367	123865	124743	0.89	cps
Vanadium	51-2	169259	170193	168921	169458	0.39	cps
Ytterbium	172-1	17120	17320	16611	17017	2.15	cps
Ytterbium	172-2	9176	9281	9126	9194	0.86	cps
Ytterbium	176-1	11288	12064	11155	11503	4.27	cps
Ytterbium	176-2	11344	11166	12223	11577	4.89	cps
Yttrium	89-1	15291070	14614571	15424982	15110208	2.88	cps
Yttrium	89-2	1478434	1501173	1478041	1485883	0.89	cps
Zinc	66-2	556915	547710	559246	554624	1.10	cps
Zirconium	90-1	31829	31598	31462	31630	0.59	cps
Zirconium	91-1	7110	7394	7260	7255	1.95	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-04 Instrumnet Name : P8
 Client Sample ID : MH1FE2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:20:41 DataFile Name : 140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1436033	1403959	1429261	1423084	1.19	cps
Antimony	121-1	16853	16569	16877	16766	1.02	cps
Arsenic	75-2	73126	72850	73048	73008	0.20	cps
Barium	135-1	1356672	1366144	1351432	1358083	0.55	cps
Barium	137-1	2354629	2394439	2393745	2380938	0.96	cps
Beryllium	9-1	4304	4152	4344	4266	2.37	cps
Bismuth	209-1	5447826	5158917	4885957	5164233	5.44	cps
Bismuth	209-2	2814159	2921504	2827086	2854250	2.05	cps
Boron	10-1	2564	2512	2706	2594	3.87	cps
Boron	11-1	12331	12839	12807	12659	2.25	cps
Bromine	81-1	34036	32652	32792	33160	2.30	cps
Cadmium	111-1	19520	19616	19366	19500	0.65	cps
Cadmium	106-1	6135	5301	6168	5868	8.37	cps
Cadmium	108-1	1417	1417	1629	1488	8.25	cps
Calcium	43-1	2572857	2589239	2563359	2575152	0.51	cps
Calcium	44-1	42161442	41407887	41544693	41704674	0.96	cps
Carbon	12-1	5995752	6058858	6233306	6095972	2.02	cps
Carbon	12-2	64919	64124	64016	64353	0.77	cps
Chlorine	35-1	46217731	52306729	54958899	51161120	8.76	cps
Chlorine	35-2	359642	364733	368526	364300	1.22	cps
Chromium	52-2	79885	78926	77917	78909	1.25	cps
Cobalt	59-2	100065	99203	99353	99541	0.46	cps
Copper	63-2	746354	734055	749443	743284	1.10	cps
Dysprosium	156-1	83679	85390	85550	84873	1.22	cps
Dysprosium	156-2	37356	37409	37727	37497	0.53	cps
Erbium	164-1	68100	66258	68101	67486	1.58	cps
Erbium	164-2	29513	30572	30104	30063	1.77	cps
Gadolinium	160-1	74702	77383	76336	76140	1.78	cps
Gadolinium	160-2	41541	40702	39853	40699	2.07	cps
Holmium	165-1	9487292	9176074	8455455	9039607	5.86	cps
Holmium	165-2	4188844	4442865	4305159	4312289	2.95	cps
Indium	115-1	8842780	8518343	8297027	8552717	3.21	cps
Indium	115-2	1181686	1228431	1214006	1208041	1.98	cps
Iron	54-2	5750608	5652034	5600105	5667582	1.35	cps
Iron	56-2	104798352	102513250	105524477	104278693	1.51	cps
Iron	57-2	2695525	2635398	2635219	2655381	1.31	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-04	Instrumnet Name :	P8
Client Sample ID :	MH1FE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:20:41	DataFile Name :	140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	920	953	990	9.48	cps
Lead	206-1	3416382	3398974	3290019	3368458	2.03	cps
Lead	207-1	2840550	2919045	2837485	2865693	1.61	cps
Lead	208-1	13146015	13369038	13018587	13177880	1.35	cps
Lithium	6-1	2906698	2725980	2662138	2764939	4.59	cps
Magnesium	24-2	2074295	2005426	2083495	2054406	2.08	cps
Manganese	55-2	2198034	2143603	2205523	2182387	1.55	cps
Molybdenum	94-1	22928	22235	23312	22825	2.39	cps
Molybdenum	95-1	17762	18613	18988	18454	3.41	cps
Molybdenum	96-1	23195	24372	24121	23896	2.59	cps
Molybdenum	97-1	11480	11547	11488	11505	0.32	cps
Molybdenum	98-1	28789	29557	29465	29270	1.43	cps
Neodymium	150-1	145171	141488	143259	143306	1.29	cps
Neodymium	150-2	46714	45862	46828	46468	1.14	cps
Nickel	60-2	104652	102436	101573	102887	1.54	cps
Phosphorus	31-2	9954	9003	9712	9556	5.17	cps
Potassium	39-2	747846	749861	751144	749617	0.22	cps
Rhodium	103-1	8226321	8114024	7742527	8027624	3.15	cps
Rhodium	103-2	3590263	3770647	3684235	3681715	2.45	cps
Scandium	45-1	7264591	7013931	6599837	6959453	4.82	cps
Scandium	45-2	181459	187814	184728	184667	1.72	cps
Selenium	82-1	271	432	435	379	24.78	cps
Selenium	77-2	213	210	223	216	3.22	cps
Selenium	78-2	176	227	207	203	12.64	cps
Silicon	28-1	10009883	10280964	10052843	10114563	1.44	cps
Silver	107-1	26418	25917	27495	26610	3.03	cps
Silver	109-1	24965	25716	25967	25549	2.04	cps
Sodium	23-2	163637	159912	157226	160258	2.01	cps
Strontium	86-1	886709	910776	902572	900019	1.36	cps
Strontium	88-1	7714345	7646617	7758472	7706478	0.73	cps
Sulfur	34-1	444908	449998	452636	449181	0.87	cps
Terbium	159-1	10078895	9987635	9299762	9788764	4.35	cps
Terbium	159-2	4187480	4219451	4382830	4263254	2.46	cps
Thallium	203-1	5593	5476	5885	5651	3.72	cps
Thallium	205-1	14183	13749	13908	13947	1.57	cps
Tin	118-1	80623	81402	83992	82005	2.15	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-04	Instrumnet Name :	P8
Client Sample ID :	MH1FE2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:20:41	DataFile Name :	140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	293528	291488	286634	290550	1.22	cps
Uranium	238-1	98206	98852	99540	98866	0.67	cps
Vanadium	51-2	198651	195657	194034	196114	1.19	cps
Ytterbium	172-1	19857	19891	20266	20005	1.14	cps
Ytterbium	172-2	10688	10604	10271	10521	2.10	cps
Ytterbium	176-1	12598	12306	13658	12854	5.53	cps
Ytterbium	176-2	12523	12740	12578	12614	0.89	cps
Yttrium	89-1	15441215	15263999	14560609	15088608	3.09	cps
Yttrium	89-2	1504299	1561536	1504898	1523578	2.16	cps
Zinc	66-2	460366	451397	452630	454798	1.07	cps
Zirconium	90-1	30977	31653	32138	31589	1.85	cps
Zirconium	91-1	7285	7327	7711	7441	3.15	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-05	Instrumnet Name :	P8
Client Sample ID :	MH1FE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:23:34	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1359678	1330728	1278405	1322937	3.11	cps
Antimony	121-1	22736	21751	22319	22269	2.22	cps
Arsenic	75-2	10843	10988	10797	10876	0.92	cps
Barium	135-1	1875228	1849888	1878848	1867988	0.84	cps
Barium	137-1	3191345	3137745	3154084	3161058	0.87	cps
Beryllium	9-1	3874	3992	4050	3972	2.26	cps
Bismuth	209-1	5132864	5163510	4750767	5015714	4.58	cps
Bismuth	209-2	2831344	2881357	2814175	2842292	1.23	cps
Boron	10-1	22475	25062	25507	24348	6.73	cps
Boron	11-1	106916	116675	124501	116031	7.59	cps
Bromine	81-1	27044	28639	28799	28161	3.45	cps
Cadmium	111-1	25207	26131	26506	25948	2.58	cps
Cadmium	106-1	6293	6485	6127	6302	2.85	cps
Cadmium	108-1	1954	1925	2109	1996	4.94	cps
Calcium	43-1	4422872	4503208	4489730	4471937	0.96	cps
Calcium	44-1	69929591	71735646	73333943	71666393	2.38	cps
Carbon	12-1	9553434	9836360	9825290	9738361	1.65	cps
Carbon	12-2	102551	100712	102499	101920	1.03	cps
Chlorine	35-1	47996190	52057966	55370703	51808286	7.13	cps
Chlorine	35-2	346903	351376	361998	353425	2.19	cps
Chromium	52-2	344142	344711	340816	343223	0.61	cps
Cobalt	59-2	97572	94388	94773	95578	1.82	cps
Copper	63-2	791149	789389	775191	785243	1.11	cps
Dysprosium	156-1	69758	69801	71224	70261	1.19	cps
Dysprosium	156-2	31497	31223	31039	31253	0.74	cps
Erbium	164-1	59242	56596	57769	57869	2.29	cps
Erbium	164-2	26159	25328	25151	25546	2.11	cps
Gadolinium	160-1	64239	64297	64289	64275	0.05	cps
Gadolinium	160-2	32877	33158	33041	33025	0.43	cps
Holmium	165-1	9566373	9062536	8144616	8924508	8.08	cps
Holmium	165-2	4372636	4172681	4342140	4295819	2.51	cps
Indium	115-1	8289803	8681860	8065711	8345792	3.74	cps
Indium	115-2	1204348	1211656	1206717	1207574	0.31	cps
Iron	54-2	6051360	6168279	6069784	6096475	1.03	cps
Iron	56-2	112617358	113467305	112747214	112943959	0.41	cps
Iron	57-2	2868251	2892926	2914806	2891994	0.81	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-05	Instrumnet Name :	P8
Client Sample ID :	MH1FE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:23:34	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	1020	1043	993	6.79	cps
Lead	206-1	13298143	12868204	13085816	13084054	1.64	cps
Lead	207-1	11453722	10852352	11375817	11227297	2.91	cps
Lead	208-1	52630980	50423998	52722738	51925905	2.51	cps
Lithium	6-1	2642356	2786797	2496611	2641921	5.49	cps
Magnesium	24-2	2606748	2564613	2453910	2541757	3.11	cps
Manganese	55-2	3184651	3279412	3274814	3246292	1.65	cps
Molybdenum	94-1	28313	28355	28939	28536	1.23	cps
Molybdenum	95-1	28112	27311	28380	27934	1.99	cps
Molybdenum	96-1	35680	33617	36039	35112	3.72	cps
Molybdenum	97-1	17795	17995	17762	17851	0.71	cps
Molybdenum	98-1	44355	45325	45199	44960	1.17	cps
Neodymium	150-1	116511	120176	122099	119595	2.37	cps
Neodymium	150-2	38081	38539	38184	38268	0.63	cps
Nickel	60-2	71227	72705	71190	71707	1.20	cps
Phosphorus	31-2	15334	15842	15684	15620	1.67	cps
Potassium	39-2	992379	983346	1003832	993186	1.03	cps
Rhodium	103-1	8038441	8016191	7385065	7813232	4.75	cps
Rhodium	103-2	3737531	3643366	3729778	3703558	1.41	cps
Scandium	45-1	6729476	6959266	6289164	6659302	5.11	cps
Scandium	45-2	185463	188042	183285	185597	1.28	cps
Selenium	82-1	497	429	433	453	8.39	cps
Selenium	77-2	157	157	207	173	16.65	cps
Selenium	78-2	183	201	197	194	4.88	cps
Silicon	28-1	13021663	13086841	13013055	13040520	0.31	cps
Silver	107-1	22978	22811	23921	23237	2.58	cps
Silver	109-1	22235	20641	22244	21707	4.25	cps
Sodium	23-2	328787	329890	323691	327456	1.01	cps
Strontium	86-1	1586789	1558100	1565453	1570114	0.95	cps
Strontium	88-1	13013448	13016390	13350526	13126788	1.48	cps
Sulfur	34-1	536192	547297	540478	541322	1.03	cps
Terbium	159-1	9802575	9599437	8700937	9367649	6.26	cps
Terbium	159-2	4294982	4289982	4199086	4261350	1.27	cps
Thallium	203-1	3917	3867	3809	3865	1.40	cps
Thallium	205-1	9220	8712	8737	8889	3.23	cps
Tin	118-1	109404	107472	110439	109105	1.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-05	Instrumnet Name :	P8
Client Sample ID :	MH1FE3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:23:34	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	538082	542360	553133	544525	1.42	cps
Uranium	238-1	73607	72825	74201	73544	0.94	cps
Vanadium	51-2	196234	192537	192360	193711	1.13	cps
Ytterbium	172-1	17395	17078	17537	17337	1.36	cps
Ytterbium	172-2	9214	8848	9287	9116	2.58	cps
Ytterbium	176-1	11147	11856	11872	11625	3.56	cps
Ytterbium	176-2	11199	11733	12256	11729	4.50	cps
Yttrium	89-1	15001340	15112752	13907959	14674017	4.54	cps
Yttrium	89-2	1538729	1493746	1515130	1515868	1.48	cps
Zinc	66-2	1557337	1547744	1520612	1541898	1.24	cps
Zirconium	90-1	34193	35233	33917	34448	2.01	cps
Zirconium	91-1	7619	7577	7469	7555	1.03	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-06 Instrumnet Name : P8
 Client Sample ID : MH1FE4 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:26:31 DataFile Name : 142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1384654	1358272	1374667	1372531	0.97	cps
Antimony	121-1	17003	17453	17086	17181	1.40	cps
Arsenic	75-2	9420	9432	9374	9409	0.33	cps
Barium	135-1	2349439	2437478	2407313	2398077	1.87	cps
Barium	137-1	4004532	4101988	4083970	4063497	1.28	cps
Beryllium	9-1	4742	4762	4696	4733	0.72	cps
Bismuth	209-1	5204437	5110036	5144513	5152995	0.93	cps
Bismuth	209-2	2752968	2881982	2866588	2833846	2.49	cps
Boron	10-1	9387	9795	9755	9646	2.33	cps
Boron	11-1	44599	47273	46643	46171	3.03	cps
Bromine	81-1	27235	28639	28659	28177	2.90	cps
Cadmium	111-1	29526	30388	29961	29958	1.44	cps
Cadmium	106-1	6635	7160	6910	6902	3.81	cps
Cadmium	108-1	2400	2259	2450	2370	4.20	cps
Calcium	43-1	4360735	4450819	4425037	4412197	1.05	cps
Calcium	44-1	70585757	71743325	72544632	71624571	1.37	cps
Carbon	12-1	6127869	6189983	6156762	6158205	0.50	cps
Carbon	12-2	63681	61965	63932	63192	1.69	cps
Chlorine	35-1	51986469	58146520	61665187	57266059	8.55	cps
Chlorine	35-2	377815	373142	372309	374422	0.79	cps
Chromium	52-2	121383	120473	121135	120997	0.39	cps
Cobalt	59-2	117345	115373	116237	116318	0.85	cps
Copper	63-2	885379	881826	878154	881786	0.41	cps
Dysprosium	156-1	76251	73703	74719	74891	1.71	cps
Dysprosium	156-2	32479	32994	32884	32786	0.83	cps
Erbium	164-1	60113	62765	62515	61798	2.37	cps
Erbium	164-2	27445	26804	27131	27127	1.18	cps
Gadolinium	160-1	68083	69541	70663	69429	1.86	cps
Gadolinium	160-2	35230	34993	35611	35278	0.88	cps
Holmium	165-1	9105025	9088438	9361112	9184858	1.66	cps
Holmium	165-2	4164590	4268364	4312456	4248470	1.79	cps
Indium	115-1	8778789	8777997	8697490	8751425	0.53	cps
Indium	115-2	1148005	1218010	1236822	1200945	3.90	cps
Iron	54-2	7503539	7555147	7699888	7586191	1.34	cps
Iron	56-2	139231964	136936189	139461611	138543255	1.01	cps
Iron	57-2	3510163	3513251	3498378	3507264	0.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-06	Instrumnet Name :	P8
Client Sample ID :	MH1FE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:26:31	DataFile Name :	142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	940	930	948	2.39	cps
Lead	206-1	14258789	13749106	13905176	13971024	1.87	cps
Lead	207-1	11543003	11822773	11394149	11586642	1.88	cps
Lead	208-1	54449144	54528686	53127946	54035258	1.46	cps
Lithium	6-1	2826986	2736695	2739982	2767888	1.85	cps
Magnesium	24-2	2153017	2069300	2103703	2108673	2.00	cps
Manganese	55-2	3963672	3874835	4031354	3956620	1.98	cps
Molybdenum	94-1	26259	27636	27194	27030	2.60	cps
Molybdenum	95-1	21626	22344	23095	22355	3.29	cps
Molybdenum	96-1	29875	29240	30676	29930	2.41	cps
Molybdenum	97-1	14575	14066	13056	13899	5.56	cps
Molybdenum	98-1	34769	35354	35254	35126	0.89	cps
Neodymium	150-1	118667	126337	125751	123585	3.45	cps
Neodymium	150-2	40424	41093	40983	40833	0.88	cps
Nickel	60-2	92089	91217	91898	91734	0.50	cps
Phosphorus	31-2	9737	9412	10120	9756	3.64	cps
Potassium	39-2	664239	657272	661791	661101	0.53	cps
Rhodium	103-1	7824443	8106630	7919333	7950135	1.81	cps
Rhodium	103-2	3451116	3593518	3722059	3588898	3.78	cps
Scandium	45-1	6931842	6937849	7042225	6970639	0.89	cps
Scandium	45-2	178520	184508	186819	183282	2.34	cps
Selenium	82-1	367	365	442	392	11.16	cps
Selenium	77-2	143	167	170	160	9.08	cps
Selenium	78-2	213	183	182	193	9.14	cps
Silicon	28-1	11788032	11892425	12947067	12209175	5.25	cps
Silver	107-1	42375	42893	41071	42113	2.23	cps
Silver	109-1	39533	39273	40786	39864	2.03	cps
Sodium	23-2	205434	201505	200054	202331	1.38	cps
Strontium	86-1	1321694	1343714	1318242	1327883	1.04	cps
Strontium	88-1	11279430	11347618	11154312	11260453	0.87	cps
Sulfur	34-1	448664	447219	452446	449443	0.60	cps
Terbium	159-1	9766292	10086946	9764950	9872729	1.88	cps
Terbium	159-2	4149869	4241367	4153336	4181524	1.24	cps
Thallium	203-1	5435	5818	5468	5574	3.81	cps
Thallium	205-1	13007	13382	13266	13218	1.45	cps
Tin	118-1	134528	134528	133702	134253	0.36	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-06	Instrumnet Name :	P8
Client Sample ID :	MH1FE4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:26:31	DataFile Name :	142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	430390	432053	431282	431242	0.19	cps
Uranium	238-1	69191	72165	72802	71386	2.70	cps
Vanadium	51-2	214050	212852	216071	214324	0.76	cps
Ytterbium	172-1	18614	18313	17621	18183	2.80	cps
Ytterbium	172-2	9726	9726	9682	9711	0.26	cps
Ytterbium	176-1	12064	11847	11989	11967	0.92	cps
Ytterbium	176-2	11728	12250	12072	12017	2.21	cps
Yttrium	89-1	14767562	15580736	14929170	15092489	2.85	cps
Yttrium	89-2	1429071	1523750	1457623	1470148	3.30	cps
Zinc	66-2	1845372	1842041	1870275	1852563	0.83	cps
Zirconium	90-1	38179	40553	38111	38948	3.57	cps
Zirconium	91-1	8811	8962	9187	8986	2.10	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-07 Instrumnet Name : P8
 Client Sample ID : MH1FE5 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:29:25 DataFile Name : 143AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1404029	1391872	1424954	1406952	1.19	cps
Antimony	121-1	12856	13282	12815	12984	1.99	cps
Arsenic	75-2	7744	7549	7638	7644	1.28	cps
Barium	135-1	1598542	1617491	1502474	1572836	3.92	cps
Barium	137-1	2692062	2622700	2658090	2657617	1.31	cps
Beryllium	9-1	5468	5416	5264	5383	1.97	cps
Bismuth	209-1	5023903	5053474	5038346	5038575	0.29	cps
Bismuth	209-2	2836902	2836863	2721689	2798485	2.38	cps
Boron	10-1	9691	10110	10278	10026	3.01	cps
Boron	11-1	46855	48169	50211	48412	3.49	cps
Bromine	81-1	26914	27596	27244	27251	1.25	cps
Cadmium	111-1	22965	22512	23260	22913	1.64	cps
Cadmium	106-1	5676	6118	6268	6021	5.11	cps
Cadmium	108-1	1813	1658	1821	1764	5.19	cps
Calcium	43-1	2909256	2938740	2875038	2907678	1.10	cps
Calcium	44-1	46456522	46784147	46136922	46459197	0.70	cps
Carbon	12-1	5142702	5161598	5274762	5193021	1.38	cps
Carbon	12-2	53239	54042	52470	53250	1.48	cps
Chlorine	35-1	45925353	51813547	54547716	50762205	8.68	cps
Chlorine	35-2	338227	338839	347687	341584	1.55	cps
Chromium	52-2	73441	72382	73216	73013	0.76	cps
Cobalt	59-2	110095	108533	107832	108820	1.06	cps
Copper	63-2	773034	775151	766743	771643	0.57	cps
Dysprosium	156-1	73797	72413	74559	73590	1.48	cps
Dysprosium	156-2	32012	32697	32931	32546	1.47	cps
Erbium	164-1	62296	62968	63160	62808	0.72	cps
Erbium	164-2	27385	27559	27829	27591	0.81	cps
Gadolinium	160-1	69473	70471	67798	69248	1.95	cps
Gadolinium	160-2	35437	35083	34973	35164	0.69	cps
Holmium	165-1	9432595	9298962	8979332	9236963	2.52	cps
Holmium	165-2	4337244	4113997	4148483	4199908	2.86	cps
Indium	115-1	8685766	8466671	8481811	8544749	1.43	cps
Indium	115-2	1197792	1189530	1148531	1178618	2.24	cps
Iron	54-2	6442106	6367974	6405368	6405149	0.58	cps
Iron	56-2	116894844	118348892	116786325	117343354	0.74	cps
Iron	57-2	3054810	2953818	2966383	2991670	1.84	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-07	Instrumnet Name :	P8
Client Sample ID :	MH1FE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:29:25	DataFile Name :	143AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	913	920	972	9.90	cps
Lead	206-1	7442439	7407665	7290105	7380070	1.08	cps
Lead	207-1	6391911	6246515	6343950	6327459	1.17	cps
Lead	208-1	29636402	29168675	29266468	29357182	0.84	cps
Lithium	6-1	2807956	2713595	2718750	2746767	1.93	cps
Magnesium	24-2	1720636	1716457	1739300	1725465	0.70	cps
Manganese	55-2	2980784	3006946	3003423	2997051	0.47	cps
Molybdenum	94-1	23648	23955	24297	23967	1.36	cps
Molybdenum	95-1	16010	17061	15543	16204	4.80	cps
Molybdenum	96-1	23187	22277	22102	22522	2.59	cps
Molybdenum	97-1	9270	9228	9695	9398	2.75	cps
Molybdenum	98-1	24447	24689	24088	24408	1.24	cps
Neodymium	150-1	122872	123734	122831	123146	0.41	cps
Neodymium	150-2	39709	39655	39385	39583	0.44	cps
Nickel	60-2	79739	79692	80543	79991	0.60	cps
Phosphorus	31-2	7769	7852	8019	7880	1.62	cps
Potassium	39-2	577396	573994	579330	576907	0.47	cps
Rhodium	103-1	8077636	8058723	8140571	8092310	0.53	cps
Rhodium	103-2	3737111	3640951	3610391	3662818	1.81	cps
Scandium	45-1	6890594	6837641	6821164	6849800	0.53	cps
Scandium	45-2	185195	186508	178037	183247	2.49	cps
Selenium	82-1	156	292	402	283	43.49	cps
Selenium	77-2	170	140	167	159	10.35	cps
Selenium	78-2	182	184	161	176	7.25	cps
Silicon	28-1	12042355	12419936	12739049	12400447	2.81	cps
Silver	107-1	38137	38647	39040	38608	1.17	cps
Silver	109-1	35305	35630	35915	35617	0.86	cps
Sodium	23-2	320621	312571	317941	317044	1.29	cps
Strontium	86-1	1150757	1160055	1132813	1147875	1.21	cps
Strontium	88-1	9788892	9877328	9640191	9768804	1.23	cps
Sulfur	34-1	438721	434647	432166	435178	0.76	cps
Terbium	159-1	9776011	9951061	9901143	9876072	0.91	cps
Terbium	159-2	4219542	4255401	4007530	4160824	3.22	cps
Thallium	203-1	5968	6035	5918	5974	0.98	cps
Thallium	205-1	13916	13883	13482	13760	1.75	cps
Tin	118-1	84805	87757	89175	87246	2.56	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-07	Instrumnet Name :	P8
Client Sample ID :	MH1FE5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:29:25	DataFile Name :	143AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	419819	422054	414122	418665	0.98	cps
Uranium	238-1	64968	65145	62732	64281	2.09	cps
Vanadium	51-2	194028	190412	187637	190692	1.68	cps
Ytterbium	172-1	19081	19131	19540	19251	1.31	cps
Ytterbium	172-2	10393	10037	10082	10171	1.91	cps
Ytterbium	176-1	13157	12740	12506	12801	2.58	cps
Ytterbium	176-2	11400	12111	12362	11958	4.17	cps
Yttrium	89-1	14977870	15181385	15336991	15165415	1.19	cps
Yttrium	89-2	1502902	1471618	1438564	1471028	2.19	cps
Zinc	66-2	712416	696506	708089	705670	1.17	cps
Zirconium	90-1	41128	46558	41822	43169	6.85	cps
Zirconium	91-1	9412	9220	9237	9289	1.14	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-08	Instrumnet Name :	P8
Client Sample ID :	MH1FE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:32:21	DataFile Name :	144AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1159708	1197123	1189993	1182275	1.68	cps
Antimony	121-1	9253	8995	9737	9328	4.04	cps
Arsenic	75-2	6148	6240	6059	6149	1.47	cps
Barium	135-1	847354	838755	855632	847247	1.00	cps
Barium	137-1	1496880	1488029	1427615	1470841	2.56	cps
Beryllium	9-1	3150	3230	3030	3136	3.21	cps
Bismuth	209-1	5124890	5158780	4922212	5068628	2.52	cps
Bismuth	209-2	2648521	2733913	2791605	2724680	2.64	cps
Boron	10-1	4322	4304	4322	4316	0.24	cps
Boron	11-1	20973	20999	19809	20594	3.30	cps
Bromine	81-1	29742	29883	29261	29628	1.10	cps
Cadmium	111-1	5917	6331	6316	6188	3.79	cps
Cadmium	106-1	4276	4342	4317	4312	0.78	cps
Cadmium	108-1	446	442	483	457	5.02	cps
Calcium	43-1	2219236	2241555	2154040	2204944	2.06	cps
Calcium	44-1	36184664	35117008	34515714	35272462	2.40	cps
Carbon	12-1	4959177	4957737	4913690	4943535	0.52	cps
Carbon	12-2	50671	50212	51441	50775	1.22	cps
Chlorine	35-1	44948604	50158559	54188866	49765343	9.31	cps
Chlorine	35-2	356003	361374	378831	365403	3.27	cps
Chromium	52-2	63865	63959	63778	63867	0.14	cps
Cobalt	59-2	75908	77272	76792	76657	0.90	cps
Copper	63-2	216862	218451	215257	216857	0.74	cps
Dysprosium	156-1	76596	77870	78632	77699	1.32	cps
Dysprosium	156-2	34334	35093	33576	34334	2.21	cps
Erbium	164-1	62205	60916	62372	61831	1.29	cps
Erbium	164-2	28070	27479	26737	27428	2.43	cps
Gadolinium	160-1	71871	70655	72548	71691	1.34	cps
Gadolinium	160-2	37082	37075	35898	36685	1.86	cps
Holmium	165-1	8982317	9357494	9263492	9201101	2.12	cps
Holmium	165-2	4047831	4268161	4263210	4193067	3.00	cps
Indium	115-1	8586976	8511113	8315234	8471108	1.66	cps
Indium	115-2	1129208	1141349	1186200	1152253	2.61	cps
Iron	54-2	4106466	4155530	4045077	4102358	1.35	cps
Iron	56-2	74662854	73974616	74678268	74438579	0.54	cps
Iron	57-2	1880756	1915982	1889721	1895487	0.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-08	Instrumnet Name :	P8
Client Sample ID :	MH1FE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:32:21	DataFile Name :	144AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1033	1040	1043	1039	0.49	cps
Lead	206-1	907766	902679	926273	912239	1.36	cps
Lead	207-1	773206	779478	775116	775933	0.41	cps
Lead	208-1	3684630	3735086	3677085	3698934	0.85	cps
Lithium	6-1	2773776	2823981	2763207	2786988	1.17	cps
Magnesium	24-2	1636837	1658884	1669226	1654982	1.00	cps
Manganese	55-2	1071802	1084813	1082377	1079664	0.64	cps
Molybdenum	94-1	16202	16310	15651	16054	2.20	cps
Molybdenum	95-1	15375	14733	14608	14906	2.76	cps
Molybdenum	96-1	20265	18713	19831	19603	4.09	cps
Molybdenum	97-1	9070	9178	9337	9195	1.46	cps
Molybdenum	98-1	23095	23404	24297	23598	2.65	cps
Neodymium	150-1	135107	135087	133304	134499	0.77	cps
Neodymium	150-2	42895	43781	42116	42931	1.94	cps
Nickel	60-2	50616	51379	50426	50807	0.99	cps
Phosphorus	31-2	7394	6852	7094	7113	3.82	cps
Potassium	39-2	690382	693784	685253	689806	0.62	cps
Rhodium	103-1	8214990	8166159	7940368	8107172	1.81	cps
Rhodium	103-2	3332499	3545963	3654918	3511127	4.67	cps
Scandium	45-1	7052597	6840307	6717812	6870239	2.47	cps
Scandium	45-2	169582	171523	180100	173735	3.22	cps
Selenium	82-1	184	221	283	229	21.72	cps
Selenium	77-2	143	210	213	189	20.90	cps
Selenium	78-2	187	192	172	184	5.67	cps
Silicon	28-1	8234411	8848681	9005551	8696214	4.69	cps
Silver	107-1	7469	7552	7761	7594	1.98	cps
Silver	109-1	7002	7044	7227	7091	1.69	cps
Sodium	23-2	109048	110878	113895	111274	2.20	cps
Strontium	86-1	555503	556858	559155	557172	0.33	cps
Strontium	88-1	4803693	4831616	4819076	4818129	0.29	cps
Sulfur	34-1	427049	431655	433530	430745	0.77	cps
Terbium	159-1	10103030	9757570	9658150	9839583	2.37	cps
Terbium	159-2	3933788	3972365	4209177	4038444	3.69	cps
Thallium	203-1	4718	4493	4826	4679	3.64	cps
Thallium	205-1	10713	10705	10421	10613	1.57	cps
Tin	118-1	17086	16377	17453	16972	3.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-08	Instrumnet Name :	P8
Client Sample ID :	MH1FE6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:32:21	DataFile Name :	144AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	243590	242859	244961	243804	0.44	cps
Uranium	238-1	53539	54928	54092	54187	1.29	cps
Vanadium	51-2	178201	181128	178951	179427	0.85	cps
Ytterbium	172-1	17162	16961	17495	17206	1.57	cps
Ytterbium	172-2	8697	9181	9409	9096	3.99	cps
Ytterbium	176-1	11180	12056	11380	11539	3.98	cps
Ytterbium	176-2	10910	11160	11767	11279	3.90	cps
Yttrium	89-1	14843185	15079480	14647219	14856628	1.46	cps
Yttrium	89-2	1372794	1357650	1457739	1396061	3.86	cps
Zinc	66-2	118734	120276	117577	118862	1.14	cps
Zirconium	90-1	20566	20983	21659	21069	2.62	cps
Zirconium	91-1	4584	4659	4726	4656	1.52	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-09 Instrumnet Name : P8
 Client Sample ID : MH1FH1 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:35:15 DataFile Name : 145AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	944289	935509	923149	934316	1.14	cps
Antimony	121-1	20407	21760	22628	21598	5.18	cps
Arsenic	75-2	7401	7457	7179	7345	2.00	cps
Barium	135-1	1225579	1246285	1267342	1246402	1.68	cps
Barium	137-1	2214150	2187411	2251330	2217630	1.45	cps
Beryllium	9-1	3322	3332	3448	3367	2.08	cps
Bismuth	209-1	5167009	5190794	5073234	5143679	1.21	cps
Bismuth	209-2	2915208	2861477	2863690	2880125	1.06	cps
Boron	10-1	6672	7124	7418	7072	5.32	cps
Boron	11-1	32716	34187	36398	34434	5.38	cps
Bromine	81-1	30906	33144	32260	32103	3.51	cps
Cadmium	111-1	15358	15352	15877	15529	1.94	cps
Cadmium	106-1	5660	5376	5293	5443	3.53	cps
Cadmium	108-1	1221	1242	1071	1178	7.91	cps
Calcium	43-1	3071296	3039271	2986589	3032386	1.41	cps
Calcium	44-1	49149200	47934682	49076136	48720006	1.40	cps
Carbon	12-1	13767128	13632124	13827338	13742197	0.73	cps
Carbon	12-2	148067	145881	141760	145236	2.21	cps
Chlorine	35-1	48709615	52312976	53962286	51661625	5.20	cps
Chlorine	35-2	335295	337997	340505	337932	0.77	cps
Chromium	52-2	202524	203664	199749	201979	1.00	cps
Cobalt	59-2	73083	72112	72829	72674	0.69	cps
Copper	63-2	773420	757307	768058	766261	1.07	cps
Dysprosium	156-1	57760	58789	58546	58365	0.92	cps
Dysprosium	156-2	24890	25508	25511	25303	1.41	cps
Erbium	164-1	47703	46758	46607	47023	1.26	cps
Erbium	164-2	19945	20272	19818	20012	1.17	cps
Gadolinium	160-1	52772	52630	52144	52515	0.63	cps
Gadolinium	160-2	26790	26366	26814	26657	0.95	cps
Holmium	165-1	9293988	9428996	9472732	9398572	0.99	cps
Holmium	165-2	4259627	4245644	4419702	4308324	2.24	cps
Indium	115-1	8736076	8435694	8733417	8635062	2.00	cps
Indium	115-2	1211037	1195138	1196772	1200982	0.73	cps
Iron	54-2	5504876	5294215	5361752	5386948	2.00	cps
Iron	56-2	98648363	98550580	98829397	98676113	0.14	cps
Iron	57-2	2518069	2516963	2508852	2514628	0.20	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-09	Instrumnet Name :	P8
Client Sample ID :	MH1FH1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:35:15	DataFile Name :	145AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	910	847	909	6.79	cps
Lead	206-1	3359927	3412288	3421787	3398000	0.98	cps
Lead	207-1	2857683	2880181	2847761	2861875	0.58	cps
Lead	208-1	13118792	13351725	12927468	13132662	1.62	cps
Lithium	6-1	2732209	2814956	2825901	2791022	1.84	cps
Magnesium	24-2	1849727	1831703	1832456	1837962	0.55	cps
Manganese	55-2	2482396	2428870	2442409	2451225	1.14	cps
Molybdenum	94-1	22945	23170	22469	22861	1.57	cps
Molybdenum	95-1	21041	22744	21818	21868	3.90	cps
Molybdenum	96-1	27520	26593	27637	27250	2.10	cps
Molybdenum	97-1	13499	13073	13023	13198	1.98	cps
Molybdenum	98-1	34844	34853	36683	35460	2.99	cps
Neodymium	150-1	98837	99999	99735	99524	0.61	cps
Neodymium	150-2	31801	31447	31480	31576	0.62	cps
Nickel	60-2	73431	72896	72544	72957	0.61	cps
Phosphorus	31-2	11763	11647	11405	11605	1.58	cps
Potassium	39-2	679700	684731	668116	677516	1.26	cps
Rhodium	103-1	8076832	8218550	8224678	8173353	1.02	cps
Rhodium	103-2	3609743	3659137	3681330	3650070	1.00	cps
Scandium	45-1	6908320	6606868	7033425	6849538	3.20	cps
Scandium	45-2	182329	181683	180883	181632	0.40	cps
Selenium	82-1	551	587	615	585	5.49	cps
Selenium	77-2	110	150	157	139	18.17	cps
Selenium	78-2	167	181	178	175	4.20	cps
Silicon	28-1	13449403	13466670	13344610	13420228	0.49	cps
Silver	107-1	37142	37176	38438	37585	1.96	cps
Silver	109-1	35806	36783	36031	36207	1.41	cps
Sodium	23-2	173130	171964	168467	171187	1.42	cps
Strontium	86-1	1275438	1335643	1271553	1294211	2.78	cps
Strontium	88-1	10988978	11203846	11111368	11101397	0.97	cps
Sulfur	34-1	513326	519238	517079	516548	0.58	cps
Terbium	159-1	9537750	10029358	9624478	9730528	2.70	cps
Terbium	159-2	4301186	4231513	4264835	4265845	0.82	cps
Thallium	203-1	3109	3050	3576	3245	8.87	cps
Thallium	205-1	8086	8128	8195	8136	0.67	cps
Tin	118-1	131201	129815	134695	131903	1.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-09	Instrumnet Name :	P8
Client Sample ID :	MH1FH1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:35:15	DataFile Name :	145AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	366210	366356	366148	366238	0.03	cps
Uranium	238-1	68462	67237	68519	68073	1.06	cps
Vanadium	51-2	160428	157823	156654	158302	1.22	cps
Ytterbium	172-1	13491	14158	13532	13727	2.72	cps
Ytterbium	172-2	7024	7158	7113	7098	0.96	cps
Ytterbium	176-1	8987	9362	8912	9087	2.66	cps
Ytterbium	176-2	9965	11127	10855	10649	5.71	cps
Yttrium	89-1	14779930	14952426	15038987	14923781	0.88	cps
Yttrium	89-2	1449795	1410281	1400575	1420217	1.84	cps
Zinc	66-2	663199	667493	648074	659589	1.55	cps
Zirconium	90-1	29223	27737	30304	29088	4.43	cps
Zirconium	91-1	7137	6152	6218	6502	8.47	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-10 Instrumnet Name : P8
 Client Sample ID : MH1FH2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:38:11 DataFile Name : 146AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	957408	954671	953517	955199	0.21	cps
Antimony	121-1	21209	20750	21451	21136	1.68	cps
Arsenic	75-2	8439	8357	8332	8376	0.67	cps
Barium	135-1	1166700	1163845	1172083	1167543	0.36	cps
Barium	137-1	2063869	2037892	2075048	2058936	0.93	cps
Beryllium	9-1	3350	3598	3498	3482	3.58	cps
Bismuth	209-1	5262074	5188469	5144083	5198208	1.15	cps
Bismuth	209-2	2664597	2842559	2840444	2782533	3.67	cps
Boron	10-1	5760	6004	6202	5989	3.70	cps
Boron	11-1	27699	29380	30011	29030	4.12	cps
Bromine	81-1	35632	33896	33655	34394	3.14	cps
Cadmium	111-1	17376	17941	17690	17669	1.60	cps
Cadmium	106-1	5151	5318	5618	5362	4.41	cps
Cadmium	108-1	1150	1225	1346	1240	7.97	cps
Calcium	43-1	3389414	3309511	3264091	3321005	1.91	cps
Calcium	44-1	53508684	52469810	53794115	53257536	1.31	cps
Carbon	12-1	9881245	10179139	10296240	10118875	2.11	cps
Carbon	12-2	106831	104530	103455	104939	1.64	cps
Chlorine	35-1	45993502	50498490	53510028	50000673	7.57	cps
Chlorine	35-2	331048	337256	341259	336521	1.53	cps
Chromium	52-2	109186	111745	110923	110618	1.18	cps
Cobalt	59-2	76095	77392	76474	76654	0.87	cps
Copper	63-2	748895	743850	733182	741976	1.08	cps
Dysprosium	156-1	58538	57876	57985	58133	0.61	cps
Dysprosium	156-2	24740	25611	25017	25123	1.77	cps
Erbium	164-1	47704	47954	47160	47606	0.85	cps
Erbium	164-2	20676	20463	20329	20489	0.85	cps
Gadolinium	160-1	52479	52571	54178	53076	1.80	cps
Gadolinium	160-2	27211	27398	27198	27269	0.41	cps
Holmium	165-1	9191973	9262280	8602744	9018999	4.02	cps
Holmium	165-2	4170612	4287999	4365469	4274693	2.30	cps
Indium	115-1	8529584	8470764	8352828	8451059	1.07	cps
Indium	115-2	1144606	1182805	1177608	1168340	1.77	cps
Iron	54-2	5564440	5503019	5366682	5478047	1.85	cps
Iron	56-2	103232275	97612752	97888719	99577915	3.18	cps
Iron	57-2	2575644	2474798	2498937	2516460	2.09	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-10	Instrumnet Name :	P8
Client Sample ID :	MH1FH2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:38:11	DataFile Name :	146AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	853	903	1037	931	10.18	cps
Lead	206-1	3549202	3668431	3526927	3581520	2.12	cps
Lead	207-1	3031648	3128906	2913130	3024562	3.57	cps
Lead	208-1	13835824	14278008	13779979	13964604	1.95	cps
Lithium	6-1	2796552	2774569	2773390	2781503	0.47	cps
Magnesium	24-2	1686045	1666999	1671887	1674977	0.59	cps
Manganese	55-2	2382216	2330744	2286254	2333071	2.06	cps
Molybdenum	94-1	20107	20783	21200	20696	2.67	cps
Molybdenum	95-1	18621	19381	19723	19242	2.93	cps
Molybdenum	96-1	25173	24973	25315	25154	0.68	cps
Molybdenum	97-1	12289	11805	11772	11956	2.42	cps
Molybdenum	98-1	30476	31144	29557	30392	2.62	cps
Neodymium	150-1	98614	100360	99742	99572	0.89	cps
Neodymium	150-2	31704	30916	31537	31386	1.32	cps
Nickel	60-2	72112	72253	73810	72725	1.30	cps
Phosphorus	31-2	9278	9170	9270	9239	0.65	cps
Potassium	39-2	615085	618921	619843	617949	0.41	cps
Rhodium	103-1	8014873	8162034	7901909	8026272	1.63	cps
Rhodium	103-2	3535374	3624883	3589318	3583192	1.26	cps
Scandium	45-1	6828168	6620173	6743075	6730472	1.55	cps
Scandium	45-2	170127	179065	176055	175082	2.60	cps
Selenium	82-1	621	457	390	489	24.24	cps
Selenium	77-2	140	177	173	163	12.42	cps
Selenium	78-2	176	176	169	174	2.33	cps
Silicon	28-1	11746440	12143394	11678874	11856236	2.12	cps
Silver	107-1	36850	37611	38906	37789	2.75	cps
Silver	109-1	36198	36733	36348	36427	0.76	cps
Sodium	23-2	158279	158413	159264	158652	0.34	cps
Strontium	86-1	1262610	1290975	1251850	1268478	1.59	cps
Strontium	88-1	10833373	11120473	10836808	10930218	1.51	cps
Sulfur	34-1	479801	481996	483424	481740	0.38	cps
Terbium	159-1	9463371	9475864	9844987	9594740	2.26	cps
Terbium	159-2	3998735	4202407	4142880	4114674	2.55	cps
Thallium	203-1	3851	4076	3992	3973	2.86	cps
Thallium	205-1	8528	10004	9462	9331	8.00	cps
Tin	118-1	111125	110448	114116	111896	1.74	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-10	Instrumnet Name :	P8
Client Sample ID :	MH1FH2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:38:11	DataFile Name :	146AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350644	352767	356115	353175	0.78	cps
Uranium	238-1	63694	62622	64391	63569	1.40	cps
Vanadium	51-2	164404	160883	160736	162007	1.28	cps
Ytterbium	172-1	13649	14350	14250	14083	2.69	cps
Ytterbium	172-2	7113	7241	6774	7043	3.43	cps
Ytterbium	176-1	9212	9696	9395	9434	2.59	cps
Ytterbium	176-2	10176	10349	10871	10465	3.46	cps
Yttrium	89-1	14707086	14660015	14422043	14596381	1.05	cps
Yttrium	89-2	1342604	1414688	1425923	1394405	3.24	cps
Zinc	66-2	671216	666064	657644	664975	1.03	cps
Zirconium	90-1	26275	26894	28178	27116	3.58	cps
Zirconium	91-1	5976	5776	6010	5921	2.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-11	Instrumnet Name :	P8
Client Sample ID :	MH1FH3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:41:05	DataFile Name :	147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	884715	878624	876158	879832	0.50	cps
Antimony	121-1	16978	16819	17420	17072	1.82	cps
Arsenic	75-2	7707	7555	7752	7671	1.35	cps
Barium	135-1	1013947	1029733	1022217	1021966	0.77	cps
Barium	137-1	1813053	1808481	1834862	1818798	0.78	cps
Beryllium	9-1	2768	2916	2952	2878	3.39	cps
Bismuth	209-1	5267722	4714512	4764800	4915678	6.22	cps
Bismuth	209-2	2869820	2760087	2860004	2829970	2.15	cps
Boron	10-1	3918	4190	4174	4094	3.73	cps
Boron	11-1	19954	20202	20721	20292	1.93	cps
Bromine	81-1	29933	29331	30325	29863	1.68	cps
Cadmium	111-1	13212	12649	13586	13149	3.58	cps
Cadmium	106-1	4584	4626	4976	4729	4.55	cps
Cadmium	108-1	975	1046	1117	1046	6.77	cps
Calcium	43-1	3697196	3973986	3961751	3877644	4.03	cps
Calcium	44-1	62136157	63327643	65458485	63640762	2.64	cps
Carbon	12-1	6276824	6075590	6267576	6206663	1.83	cps
Carbon	12-2	64242	63145	63036	63474	1.05	cps
Chlorine	35-1	45042254	51061313	53513005	49872191	8.74	cps
Chlorine	35-2	330682	333921	339260	334621	1.29	cps
Chromium	52-2	64247	63497	63028	63591	0.97	cps
Cobalt	59-2	73234	72306	71599	72380	1.13	cps
Copper	63-2	516689	505670	512166	511508	1.08	cps
Dysprosium	156-1	59048	61703	59148	59966	2.51	cps
Dysprosium	156-2	26423	27331	26283	26679	2.13	cps
Erbium	164-1	49727	48816	49636	49393	1.02	cps
Erbium	164-2	21891	21661	21187	21580	1.66	cps
Gadolinium	160-1	54672	56421	55207	55433	1.62	cps
Gadolinium	160-2	28965	27432	28427	28275	2.75	cps
Holmium	165-1	9474269	8749744	8785902	9003305	4.53	cps
Holmium	165-2	4212099	4132653	4275088	4206613	1.70	cps
Indium	115-1	8725880	8106095	8048636	8293537	4.53	cps
Indium	115-2	1204636	1186673	1169051	1186787	1.50	cps
Iron	54-2	5071598	4826489	4926680	4941589	2.49	cps
Iron	56-2	91809991	92168241	89863058	91280430	1.36	cps
Iron	57-2	2333233	2284029	2353747	2323669	1.54	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-11	Instrumnet Name :	P8
Client Sample ID :	MH1FH3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:41:05	DataFile Name :	147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	990	980	978	1.38	cps
Lead	206-1	2238000	2300241	2330966	2289736	2.07	cps
Lead	207-1	1849791	1936842	1967894	1918176	3.19	cps
Lead	208-1	8833030	8902661	8979092	8904928	0.82	cps
Lithium	6-1	2905581	2725959	2618714	2750085	5.27	cps
Magnesium	24-2	1569092	1542822	1517662	1543192	1.67	cps
Manganese	55-2	1631029	1621456	1583950	1612145	1.54	cps
Molybdenum	94-1	20666	21234	21000	20966	1.36	cps
Molybdenum	95-1	20082	19723	20641	20149	2.30	cps
Molybdenum	96-1	25466	24464	24915	24948	2.01	cps
Molybdenum	97-1	12531	12448	12656	12545	0.84	cps
Molybdenum	98-1	31420	31846	32589	31951	1.85	cps
Neodymium	150-1	101509	101987	103625	102374	1.08	cps
Neodymium	150-2	32977	32362	33415	32918	1.61	cps
Nickel	60-2	65992	65185	65503	65560	0.62	cps
Phosphorus	31-2	7069	6818	6802	6896	2.17	cps
Potassium	39-2	571048	570057	559139	566748	1.17	cps
Rhodium	103-1	7997312	7671052	7521957	7730107	3.15	cps
Rhodium	103-2	3588828	3648775	3653203	3630268	0.99	cps
Scandium	45-1	6784337	6547347	6479616	6603767	2.42	cps
Scandium	45-2	178116	178921	179575	178871	0.41	cps
Selenium	82-1	344	300	297	314	8.43	cps
Selenium	77-2	143	137	150	143	4.65	cps
Selenium	78-2	142	138	155	145	6.13	cps
Silicon	28-1	10228647	9079108	9225393	9511049	6.58	cps
Silver	107-1	21017	20883	21559	21153	1.69	cps
Silver	109-1	20432	20048	19347	19943	2.76	cps
Sodium	23-2	163159	159560	159289	160669	1.34	cps
Strontium	86-1	1220398	1216893	1246810	1228034	1.33	cps
Strontium	88-1	10415568	10476623	10587755	10493315	0.83	cps
Sulfur	34-1	452057	452343	449111	451170	0.40	cps
Terbium	159-1	9438003	9133342	8996840	9189395	2.46	cps
Terbium	159-2	4211239	4121073	4175508	4169274	1.09	cps
Thallium	203-1	4101	4259	4393	4251	3.44	cps
Thallium	205-1	8995	10138	9896	9676	6.22	cps
Tin	118-1	73951	74152	75317	74473	0.99	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-11	Instrumnet Name :	P8
Client Sample ID :	MH1FH3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:41:05	DataFile Name :	147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325766	328749	333932	329483	1.25	cps
Uranium	238-1	62882	63979	64633	63831	1.39	cps
Vanadium	51-2	173424	170924	171624	171991	0.75	cps
Ytterbium	172-1	13107	12848	14125	13360	5.05	cps
Ytterbium	172-2	7547	6857	7085	7163	4.90	cps
Ytterbium	176-1	9003	8953	9487	9148	3.22	cps
Ytterbium	176-2	10115	10371	10104	10197	1.48	cps
Yttrium	89-1	14687219	13829852	13622931	14046667	4.02	cps
Yttrium	89-2	1424839	1399664	1396815	1407106	1.10	cps
Zinc	66-2	368748	370960	365276	368328	0.78	cps
Zirconium	90-1	24063	24531	26427	25007	5.01	cps
Zirconium	91-1	5318	5610	5535	5487	2.76	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-12	Instrumnet Name :	P8
Client Sample ID :	MH1FH4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:44:01	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1127495	1120319	1111265	1119693	0.73	cps
Antimony	121-1	11080	10604	10363	10682	3.42	cps
Arsenic	75-2	5951	6082	5912	5982	1.49	cps
Barium	135-1	949121	959137	959258	955839	0.61	cps
Barium	137-1	1660490	1698510	1690677	1683226	1.19	cps
Beryllium	9-1	3122	3274	3116	3170	2.82	cps
Bismuth	209-1	5153347	5005687	4705697	4954911	4.60	cps
Bismuth	209-2	2884604	2762945	2860162	2835904	2.27	cps
Boron	10-1	3836	3956	4026	3939	2.44	cps
Boron	11-1	18174	19525	20168	19289	5.28	cps
Bromine	81-1	29612	30605	29802	30006	1.76	cps
Cadmium	111-1	6732	6794	6636	6721	1.19	cps
Cadmium	106-1	4443	4251	3926	4206	6.21	cps
Cadmium	108-1	496	475	500	490	2.73	cps
Calcium	43-1	2324126	2385341	2344670	2351379	1.32	cps
Calcium	44-1	37202427	37448415	38678980	37776608	2.09	cps
Carbon	12-1	5771913	5592585	5683697	5682732	1.58	cps
Carbon	12-2	57740	57078	60149	58322	2.77	cps
Chlorine	35-1	44740834	49148104	53369540	49086159	8.79	cps
Chlorine	35-2	337905	345545	350001	344484	1.78	cps
Chromium	52-2	65985	66025	66146	66052	0.13	cps
Cobalt	59-2	73100	72393	72520	72671	0.52	cps
Copper	63-2	274053	277697	270718	274156	1.27	cps
Dysprosium	156-1	72037	76067	78641	75582	4.40	cps
Dysprosium	156-2	32560	32924	31952	32478	1.51	cps
Erbium	164-1	61385	61886	59292	60854	2.26	cps
Erbium	164-2	26981	26724	26082	26596	1.74	cps
Gadolinium	160-1	68963	68787	69649	69133	0.66	cps
Gadolinium	160-2	34458	35136	34866	34820	0.98	cps
Holmium	165-1	9345104	9603163	8927222	9291830	3.67	cps
Holmium	165-2	4366263	4080674	4247842	4231593	3.39	cps
Indium	115-1	8430145	8638129	8332845	8467040	1.84	cps
Indium	115-2	1179141	1161571	1166830	1169181	0.77	cps
Iron	54-2	4191515	4144036	4167791	4167781	0.57	cps
Iron	56-2	75974188	76027793	75353218	75785067	0.49	cps
Iron	57-2	1920351	1916778	1921851	1919660	0.14	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-12	Instrumnet Name :	P8
Client Sample ID :	MH1FH4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:44:01	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	880	987	936	5.72	cps
Lead	206-1	868608	874478	869588	870891	0.36	cps
Lead	207-1	734864	742004	751528	742799	1.13	cps
Lead	208-1	3588378	3566450	3548089	3567639	0.57	cps
Lithium	6-1	2799995	2815113	2697079	2770729	2.32	cps
Magnesium	24-2	1802120	1826265	1693676	1774020	3.98	cps
Manganese	55-2	1151994	1146181	1157810	1151995	0.50	cps
Molybdenum	94-1	22611	24080	22402	23031	3.97	cps
Molybdenum	95-1	23262	22344	22878	22828	2.02	cps
Molybdenum	96-1	27419	27778	28805	28001	2.57	cps
Molybdenum	97-1	13632	14183	13999	13938	2.01	cps
Molybdenum	98-1	36056	36290	34794	35713	2.25	cps
Neodymium	150-1	131303	128720	129809	129944	1.00	cps
Neodymium	150-2	40508	40622	40117	40415	0.66	cps
Nickel	60-2	61157	60715	61703	61192	0.81	cps
Phosphorus	31-2	6410	6593	6402	6468	1.68	cps
Potassium	39-2	719623	721645	710094	717121	0.86	cps
Rhodium	103-1	8080614	8129360	7735869	7981948	2.69	cps
Rhodium	103-2	3496903	3551039	3598979	3548974	1.44	cps
Scandium	45-1	6716957	6824294	6515123	6685458	2.35	cps
Scandium	45-2	178238	176424	176989	177217	0.52	cps
Selenium	82-1	423	439	293	385	20.85	cps
Selenium	77-2	197	193	170	187	7.79	cps
Selenium	78-2	170	185	203	186	8.88	cps
Silicon	28-1	9061852	8884480	9004652	8983661	1.01	cps
Silver	107-1	10446	9729	9979	10051	3.62	cps
Silver	109-1	9662	9462	9145	9423	2.77	cps
Sodium	23-2	264812	260921	258645	261459	1.19	cps
Strontium	86-1	952400	930537	936321	939753	1.21	cps
Strontium	88-1	8364144	7863228	8059245	8095539	3.12	cps
Sulfur	34-1	526802	523530	525769	525367	0.32	cps
Terbium	159-1	9582846	9847543	9387595	9605995	2.40	cps
Terbium	159-2	4146420	4073043	4072057	4097173	1.04	cps
Thallium	203-1	3809	3901	4234	3981	5.62	cps
Thallium	205-1	10421	10279	10021	10240	1.98	cps
Tin	118-1	30702	29691	31513	30635	2.98	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-12	Instrumnet Name :	P8
Client Sample ID :	MH1FH4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:44:01	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	237112	238033	239454	238199	0.50	cps
Uranium	238-1	62965	61709	64289	62988	2.05	cps
Vanadium	51-2	167361	166931	168938	167743	0.63	cps
Ytterbium	172-1	16886	17137	17137	17053	0.85	cps
Ytterbium	172-2	8692	8881	8481	8684	2.31	cps
Ytterbium	176-1	10538	11981	11280	11266	6.40	cps
Ytterbium	176-2	10755	10894	11244	10964	2.30	cps
Yttrium	89-1	15243325	15254459	14353952	14950579	3.46	cps
Yttrium	89-2	1404937	1445296	1441014	1430416	1.55	cps
Zinc	66-2	132644	130441	132221	131769	0.89	cps
Zirconium	90-1	26760	27737	26368	26955	2.62	cps
Zirconium	91-1	6085	5876	6077	6013	1.96	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-13 Instrumnet Name : P8
 Client Sample ID : MH1FH5 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:46:56 DataFile Name : 149AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1032867	1031685	1019171	1027908	0.74	cps
Antimony	121-1	17570	18454	18079	18035	2.46	cps
Arsenic	75-2	5599	5676	5546	5607	1.17	cps
Barium	135-1	1149515	1145990	1149790	1148432	0.18	cps
Barium	137-1	2031198	2039084	1993926	2021403	1.19	cps
Beryllium	9-1	3852	3764	3944	3853	2.34	cps
Bismuth	209-1	5024392	5119398	5028516	5057435	1.06	cps
Bismuth	209-2	2806842	2793892	2898875	2833203	2.02	cps
Boron	10-1	5828	6382	6000	6070	4.67	cps
Boron	11-1	28662	29167	31125	29651	4.39	cps
Bromine	81-1	30495	29472	31187	30384	2.84	cps
Cadmium	111-1	16470	16907	16427	16602	1.60	cps
Cadmium	106-1	4893	5101	5435	5143	5.31	cps
Cadmium	108-1	1346	1329	1383	1353	2.05	cps
Calcium	43-1	2148510	2157350	2158901	2154920	0.26	cps
Calcium	44-1	34214321	34047547	34560969	34274279	0.76	cps
Carbon	12-1	11694498	11571467	11952216	11739394	1.66	cps
Carbon	12-2	119796	120947	119627	120123	0.60	cps
Chlorine	35-1	44408718	50187871	52145886	48914158	8.22	cps
Chlorine	35-2	322492	332721	336624	330612	2.21	cps
Chromium	52-2	139523	142004	140749	140759	0.88	cps
Cobalt	59-2	81083	78166	77731	78993	2.31	cps
Copper	63-2	699332	692306	693111	694916	0.55	cps
Dysprosium	156-1	61543	62798	62446	62262	1.04	cps
Dysprosium	156-2	26333	26854	26907	26698	1.19	cps
Erbium	164-1	52137	51534	50614	51428	1.49	cps
Erbium	164-2	22002	22576	21948	22175	1.57	cps
Gadolinium	160-1	56806	58462	56513	57260	1.84	cps
Gadolinium	160-2	29078	28370	28240	28563	1.58	cps
Holmium	165-1	9128033	9065756	8975299	9056362	0.85	cps
Holmium	165-2	4222314	4296422	4210030	4242922	1.10	cps
Indium	115-1	8133271	8536415	8223480	8297722	2.55	cps
Indium	115-2	1192074	1179830	1185409	1185771	0.52	cps
Iron	54-2	5144576	5076016	5101067	5107220	0.68	cps
Iron	56-2	94187983	91786560	91467238	92480594	1.61	cps
Iron	57-2	2444564	2347105	2348431	2380033	2.35	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-13	Instrumnet Name :	P8
Client Sample ID :	MH1FH5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:46:56	DataFile Name :	149AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1077	953	1050	1027	6.32	cps
Lead	206-1	3615255	3656608	3567007	3612957	1.24	cps
Lead	207-1	3022374	3031668	2953114	3002385	1.43	cps
Lead	208-1	13928800	13959704	13680207	13856237	1.11	cps
Lithium	6-1	2757176	2823189	2705791	2762052	2.13	cps
Magnesium	24-2	1732435	1705696	1680506	1706212	1.52	cps
Manganese	55-2	2261656	2278118	2264215	2267996	0.39	cps
Molybdenum	94-1	20966	20683	21743	21131	2.60	cps
Molybdenum	95-1	17787	17687	16836	17436	3.00	cps
Molybdenum	96-1	23312	22711	23913	23312	2.58	cps
Molybdenum	97-1	10846	10971	11030	10949	0.86	cps
Molybdenum	98-1	27344	26943	27286	27191	0.80	cps
Neodymium	150-1	104498	107946	104861	105768	1.79	cps
Neodymium	150-2	33993	33067	33184	33415	1.51	cps
Nickel	60-2	57248	57331	56783	57121	0.52	cps
Phosphorus	31-2	15442	15834	14683	15320	3.82	cps
Potassium	39-2	636635	630021	629387	632014	0.64	cps
Rhodium	103-1	7834867	8073494	7924741	7944367	1.52	cps
Rhodium	103-2	3648687	3635613	3604615	3629638	0.62	cps
Scandium	45-1	6632103	6576525	6696578	6635069	0.91	cps
Scandium	45-2	176014	175938	177600	176518	0.53	cps
Selenium	82-1	341	453	358	384	15.80	cps
Selenium	77-2	133	163	170	156	12.55	cps
Selenium	78-2	168	176	190	178	6.26	cps
Silicon	28-1	8706550	8927700	11423562	9685937	15.58	cps
Silver	107-1	38404	38346	36608	37786	2.70	cps
Silver	109-1	34477	37209	36056	35914	3.82	cps
Sodium	23-2	269637	270299	269086	269674	0.23	cps
Strontium	86-1	1179718	1161651	1141684	1161018	1.64	cps
Strontium	88-1	9961918	9832856	9710860	9835211	1.28	cps
Sulfur	34-1	478603	475838	482224	478888	0.67	cps
Terbium	159-1	9360233	9371947	9348973	9360384	0.12	cps
Terbium	159-2	4187078	4179925	4162461	4176488	0.30	cps
Thallium	203-1	3501	4084	3384	3656	10.26	cps
Thallium	205-1	9087	9062	9395	9181	2.02	cps
Tin	118-1	131725	133851	133872	133149	0.93	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-13	Instrumnet Name :	P8
Client Sample ID :	MH1FH5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:46:56	DataFile Name :	149AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	362805	351696	353990	356164	1.65	cps
Uranium	238-1	76784	80398	78252	78478	2.32	cps
Vanadium	51-2	142824	140206	139071	140701	1.37	cps
Ytterbium	172-1	15910	14884	15001	15265	3.68	cps
Ytterbium	172-2	7391	7786	8231	7802	5.38	cps
Ytterbium	176-1	9554	10621	9896	10024	5.44	cps
Ytterbium	176-2	10577	10382	10716	10558	1.59	cps
Yttrium	89-1	14396600	14723434	14536119	14552051	1.13	cps
Yttrium	89-2	1393199	1409138	1433393	1411910	1.43	cps
Zinc	66-2	671536	677504	664996	671345	0.93	cps
Zirconium	90-1	30066	33168	30986	31407	5.07	cps
Zirconium	91-1	6593	7027	6802	6807	3.19	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-14 Instrumnet Name : P8
 Client Sample ID : MH1FH6 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 18:49:52 DataFile Name : 150AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1320994	1304461	1299580	1308345	0.86	cps
Antimony	121-1	18012	18755	18713	18494	2.26	cps
Arsenic	75-2	7488	7350	7218	7352	1.84	cps
Barium	135-1	1643489	1678812	1642465	1654922	1.25	cps
Barium	137-1	2824576	2802516	2783676	2803589	0.73	cps
Beryllium	9-1	5202	5166	5256	5208	0.87	cps
Bismuth	209-1	5198593	5199296	5131477	5176455	0.75	cps
Bismuth	209-2	2861601	2818571	2736800	2805657	2.26	cps
Boron	10-1	6410	6598	6968	6659	4.26	cps
Boron	11-1	31123	32592	33744	32486	4.04	cps
Bromine	81-1	30354	30966	33244	31521	4.83	cps
Cadmium	111-1	20734	22258	20608	21200	4.33	cps
Cadmium	106-1	5476	6110	6218	5935	6.75	cps
Cadmium	108-1	1746	1675	1775	1732	2.97	cps
Calcium	43-1	2477912	2536138	2485440	2499830	1.27	cps
Calcium	44-1	39431506	39749189	39410577	39530424	0.48	cps
Carbon	12-1	7589819	7749137	7859486	7732814	1.75	cps
Carbon	12-2	80781	80286	77372	79480	2.32	cps
Chlorine	35-1	44062171	49548077	52076004	48562084	8.44	cps
Chlorine	35-2	332747	338039	343226	338004	1.55	cps
Chromium	52-2	106016	104173	104390	104860	0.96	cps
Cobalt	59-2	94344	94280	92152	93592	1.33	cps
Copper	63-2	797433	787940	794485	793286	0.61	cps
Dysprosium	156-1	73772	73244	72882	73300	0.61	cps
Dysprosium	156-2	30749	30822	31187	30919	0.76	cps
Erbium	164-1	59434	59526	59936	59632	0.45	cps
Erbium	164-2	25618	26233	25414	25755	1.65	cps
Gadolinium	160-1	63930	65504	66969	65467	2.32	cps
Gadolinium	160-2	33155	32593	33415	33054	1.27	cps
Holmium	165-1	9178552	9151781	8850348	9060227	2.01	cps
Holmium	165-2	4235798	4332756	4129808	4232788	2.40	cps
Indium	115-1	8411916	8399419	8301694	8371009	0.72	cps
Indium	115-2	1180050	1165534	1162587	1169390	0.80	cps
Iron	54-2	5832183	5782336	5973211	5862577	1.69	cps
Iron	56-2	109345991	105798927	107527186	107557368	1.65	cps
Iron	57-2	2694924	2747834	2737870	2726876	1.03	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-14	Instrumnet Name :	P8
Client Sample ID :	MH1FH6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:49:52	DataFile Name :	150AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	843	993	1113	983	13.76	cps
Lead	206-1	4854539	4886492	4866641	4869224	0.33	cps
Lead	207-1	3932927	4160158	4151749	4081611	3.16	cps
Lead	208-1	18202046	19166320	19042180	18803516	2.79	cps
Lithium	6-1	2682201	2677214	2563583	2641000	2.54	cps
Magnesium	24-2	1744045	1734656	1727351	1735351	0.48	cps
Manganese	55-2	2694399	2643085	2682155	2673213	1.00	cps
Molybdenum	94-1	26234	26493	38722	30483	23.41	cps
Molybdenum	95-1	16519	16552	16619	16563	0.31	cps
Molybdenum	96-1	23187	23529	23103	23273	0.97	cps
Molybdenum	97-1	10062	10021	10229	10104	1.09	cps
Molybdenum	98-1	26885	26635	26000	26506	1.72	cps
Neodymium	150-1	123389	122615	122840	122948	0.32	cps
Neodymium	150-2	38021	38816	37890	38242	1.31	cps
Nickel	60-2	70212	69971	70618	70267	0.47	cps
Phosphorus	31-2	13774	14074	14216	14021	1.61	cps
Potassium	39-2	625005	624032	622179	623739	0.23	cps
Rhodium	103-1	7967394	7907728	7823177	7899433	0.92	cps
Rhodium	103-2	3440876	3594971	3616097	3550648	2.69	cps
Scandium	45-1	6778625	6747510	6803733	6776623	0.42	cps
Scandium	45-2	174040	174570	174726	174445	0.21	cps
Selenium	82-1	589	437	294	440	33.51	cps
Selenium	77-2	157	170	147	158	7.42	cps
Selenium	78-2	186	180	198	188	4.87	cps
Silicon	28-1	11020827	11582290	12349924	11651014	5.73	cps
Silver	107-1	42951	42065	41789	42268	1.44	cps
Silver	109-1	42107	41279	41045	41477	1.35	cps
Sodium	23-2	375406	378336	382462	378735	0.94	cps
Strontium	86-1	1368665	1384534	1413705	1388968	1.64	cps
Strontium	88-1	11812262	11873367	11978763	11888131	0.71	cps
Sulfur	34-1	454633	454981	450113	453242	0.60	cps
Terbium	159-1	9653435	10009357	9440252	9701015	2.96	cps
Terbium	159-2	4130544	4148829	4116292	4131888	0.39	cps
Thallium	203-1	4443	4434	4859	4579	5.31	cps
Thallium	205-1	10905	11113	10821	10947	1.37	cps
Tin	118-1	162013	164468	164527	163669	0.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-14	Instrumnet Name :	P8
Client Sample ID :	MH1FH6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:49:52	DataFile Name :	150AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	437373	442077	451569	443673	1.63	cps
Uranium	238-1	79895	79155	76844	78632	2.02	cps
Vanadium	51-2	167667	164251	166416	166111	1.04	cps
Ytterbium	172-1	18605	17620	18330	18185	2.79	cps
Ytterbium	172-2	9765	9665	9081	9504	3.89	cps
Ytterbium	176-1	11647	12156	12523	12109	3.63	cps
Ytterbium	176-2	11283	11277	11867	11476	2.95	cps
Yttrium	89-1	14617549	14963742	14718517	14766603	1.21	cps
Yttrium	89-2	1410499	1400449	1441786	1417578	1.52	cps
Zinc	66-2	859463	855029	845817	853437	0.82	cps
Zirconium	90-1	42708	43051	43879	43213	1.39	cps
Zirconium	91-1	9712	9195	9970	9626	4.10	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P8
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:52:46	DataFile Name :	151CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2161345	2114543	2073309	2116399	2.08	cps
Antimony	121-1	2868315	2840698	2900797	2869937	1.05	cps
Arsenic	75-2	80645	80432	79242	80106	0.94	cps
Barium	135-1	3772224	3949765	4044592	3922194	3.53	cps
Barium	137-1	6494841	6643939	6883372	6674051	2.94	cps
Beryllium	9-1	644652	648358	649126	647378	0.37	cps
Bismuth	209-1	4858048	4888518	4760911	4835825	1.38	cps
Bismuth	209-2	2617929	2653232	2595339	2622166	1.11	cps
Boron	10-1	58609	63731	66703	63014	6.50	cps
Boron	11-1	287489	311693	326163	308448	6.33	cps
Bromine	81-1	20987	20235	21028	20750	2.15	cps
Cadmium	111-1	708545	708057	709374	708659	0.09	cps
Cadmium	106-1	84687	85701	83486	84625	1.31	cps
Cadmium	108-1	57486	58507	58934	58309	1.28	cps
Calcium	43-1	5736249	5847716	5925259	5836408	1.63	cps
Calcium	44-1	94001485	93353136	96144065	94499562	1.55	cps
Carbon	12-1	4990803	5251254	5249074	5163711	2.90	cps
Carbon	12-2	56283	57287	55866	56479	1.29	cps
Chlorine	35-1	15803470	14991343	14403752	15066188	4.67	cps
Chlorine	35-2	71109	65674	61096	65960	7.60	cps
Chromium	52-2	850173	847385	828394	841984	1.41	cps
Cobalt	59-2	1665977	1666655	1569707	1634113	3.41	cps
Copper	63-2	12238362	12058074	11928764	12075067	1.29	cps
Dysprosium	156-1	508	575	500	528	7.79	cps
Dysprosium	156-2	243	237	287	256	10.62	cps
Erbium	164-1	92	175	133	133	31.25	cps
Erbium	164-2	60	73	73	69	11.17	cps
Gadolinium	160-1	517	600	667	594	12.64	cps
Gadolinium	160-2	350	340	293	328	9.23	cps
Holmium	165-1	9069084	8887446	8946792	8967774	1.03	cps
Holmium	165-2	4173217	4249117	4125080	4182471	1.50	cps
Indium	115-1	8083173	8206708	8020387	8103422	1.17	cps
Indium	115-2	1112454	1127582	1110533	1116856	0.84	cps
Iron	54-2	9069308	8999178	8922790	8997092	0.81	cps
Iron	56-2	164190081	160936698	162073187	162399989	1.02	cps
Iron	57-2	4104252	4051700	3982242	4046065	1.51	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P8
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:52:46	DataFile Name :	151CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	820	880	890	8.48	cps
Lead	206-1	9347776	9276993	9719153	9447974	2.51	cps
Lead	207-1	8325405	8165096	8404116	8298206	1.47	cps
Lead	208-1	38189265	38304006	38256808	38250027	0.15	cps
Lithium	6-1	2635564	2654386	2725709	2671886	1.78	cps
Magnesium	24-2	31005295	31015649	30597553	30872832	0.77	cps
Manganese	55-2	4380996	4322698	4245063	4316253	1.58	cps
Molybdenum	94-1	12797068	12806467	12999638	12867724	0.89	cps
Molybdenum	95-1	18586208	18592105	19209979	18796097	1.91	cps
Molybdenum	96-1	20703350	20732479	21077690	20837840	1.00	cps
Molybdenum	97-1	11593586	11355068	11800460	11583038	1.92	cps
Molybdenum	98-1	29975757	29664700	30771215	30137224	1.89	cps
Neodymium	150-1	213	233	253	233	8.57	cps
Neodymium	150-2	33	23	30	29	17.63	cps
Nickel	60-2	422033	425269	416332	421211	1.07	cps
Phosphorus	31-2	21124	21057	20815	20999	0.77	cps
Potassium	39-2	11624498	11559364	11405694	11529852	0.97	cps
Rhodium	103-1	7594784	7542598	7566851	7568078	0.35	cps
Rhodium	103-2	3345049	3400725	3324500	3356758	1.17	cps
Scandium	45-1	6533228	6384292	6540652	6486057	1.36	cps
Scandium	45-2	166243	169615	168567	168142	1.03	cps
Selenium	82-1	58336	59193	58265	58598	0.88	cps
Selenium	77-2	1547	1610	1580	1579	2.01	cps
Selenium	78-2	5365	5413	5252	5343	1.55	cps
Silicon	28-1	2956098	3157815	3108125	3074012	3.42	cps
Silver	107-1	3843092	4013346	3821293	3892577	2.70	cps
Silver	109-1	3716269	3591402	3665698	3657790	1.72	cps
Sodium	23-2	60575145	60847901	60751226	60724758	0.23	cps
Strontium	86-1	11443856	11516592	11747327	11569258	1.37	cps
Strontium	88-1	99308117	100381956	100665138	100118404	0.72	cps
Sulfur	34-1	764181	758359	750271	757604	0.92	cps
Terbium	159-1	9680090	9782139	9384784	9615671	2.15	cps
Terbium	159-2	4128865	4109704	4198702	4145757	1.13	cps
Thallium	203-1	2312894	2426223	2364258	2367792	2.40	cps
Thallium	205-1	5576953	5378043	5670565	5541854	2.70	cps
Tin	118-1	2568582	2700700	2651691	2640325	2.53	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P8
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 18:52:46	DataFile Name :	151CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6047068	6023352	6179947	6083455	1.39	cps
Uranium	238-1	7086973	7165935	7030309	7094405	0.96	cps
Vanadium	51-2	704570	694350	683386	694102	1.53	cps
Ytterbium	172-1	50	58	42	50	16.66	cps
Ytterbium	172-2	44	22	17	28	52.92	cps
Ytterbium	176-1	10646	11222	11414	11094	3.60	cps
Ytterbium	176-2	10338	10365	10132	10278	1.24	cps
Yttrium	89-1	13372099	13588196	13404532	13454942	0.87	cps
Yttrium	89-2	1254710	1248950	1252438	1252033	0.23	cps
Zinc	66-2	1202389	1196361	1188445	1195732	0.58	cps
Zirconium	90-1	6105321	6212984	6153119	6157141	0.88	cps
Zirconium	91-1	1376034	1388032	1353620	1372562	1.27	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB047 Instrumnet Name : P8
 Client Sample ID : CCB047 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:00:24 DataFile Name : 152CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	141	140	157	18.15	cps
Antimony	121-1	342	300	483	375	25.63	cps
Arsenic	75-2	7	6	6	6	9.12	cps
Barium	135-1	217	208	175	200	11.02	cps
Barium	137-1	458	250	125	278	60.62	cps
Beryllium	9-1	86	64	66	72	16.89	cps
Bismuth	209-1	4829571	4941991	4759875	4843812	1.90	cps
Bismuth	209-2	2792685	2803058	2797282	2797675	0.19	cps
Boron	10-1	1914	1998	1826	1912	4.50	cps
Boron	11-1	9587	9309	8879	9258	3.85	cps
Bromine	81-1	20466	20526	21218	20737	2.01	cps
Cadmium	111-1	295	270	299	288	5.37	cps
Cadmium	106-1	2709	2542	2784	2678	4.62	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	587	549	460	532	12.28	cps
Calcium	44-1	24369	23841	22949	23720	3.02	cps
Carbon	12-1	3652625	3669942	3621495	3648021	0.67	cps
Carbon	12-2	36671	35727	35661	36020	1.57	cps
Chlorine	35-1	3967254	3977464	3776709	3907142	2.89	cps
Chlorine	35-2	21066	19872	19714	20217	3.66	cps
Chromium	52-2	810	800	783	798	1.69	cps
Cobalt	59-2	80	63	60	68	15.81	cps
Copper	63-2	907	757	777	813	10.01	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	67	92	67	75	19.24	cps
Erbium	164-2	17	23	30	23	28.56	cps
Gadolinium	160-1	50	33	17	33	50.00	cps
Gadolinium	160-2	67	73	57	66	12.79	cps
Holmium	165-1	8644979	8725452	8584113	8651515	0.82	cps
Holmium	165-2	4159751	4227209	4048478	4145146	2.18	cps
Indium	115-1	8090514	8138761	7907425	8045567	1.52	cps
Indium	115-2	1143546	1151863	1148713	1148040	0.37	cps
Iron	54-2	706	589	622	639	9.41	cps
Iron	56-2	7858	8220	6774	7617	9.88	cps
Iron	57-2	317	339	339	331	3.87	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P8
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:00:24	DataFile Name :	152CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	803	813	897	838	6.12	cps
Lead	206-1	1183	1095	900	1059	13.68	cps
Lead	207-1	939	794	844	859	8.54	cps
Lead	208-1	4350	3906	3784	4013	7.43	cps
Lithium	6-1	2542309	2504290	2562790	2536463	1.17	cps
Magnesium	24-2	700	917	850	822	13.50	cps
Manganese	55-2	227	197	197	207	8.38	cps
Molybdenum	94-1	608	617	542	589	6.98	cps
Molybdenum	95-1	642	483	458	528	18.84	cps
Molybdenum	96-1	708	542	533	594	16.61	cps
Molybdenum	97-1	442	325	208	325	35.90	cps
Molybdenum	98-1	933	717	575	742	24.33	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	60	83	103	82	26.38	cps
Phosphorus	31-2	50	100	75	75	33.33	cps
Potassium	39-2	15342	15701	15943	15662	1.93	cps
Rhodium	103-1	7579756	7672489	7610103	7620783	0.62	cps
Rhodium	103-2	3459955	3501524	3547871	3503116	1.26	cps
Scandium	45-1	6214430	6309781	6122657	6215623	1.51	cps
Scandium	45-2	165087	163237	164315	164213	0.57	cps
Selenium	82-1	37	66	35	46	37.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	46	55	48	12.13	cps
Silicon	28-1	539301	531414	535248	535321	0.74	cps
Silver	107-1	317	242	233	264	17.39	cps
Silver	109-1	250	242	233	242	3.45	cps
Sodium	23-2	12989	12497	12681	12723	1.95	cps
Strontium	86-1	1725	1750	1533	1670	7.10	cps
Strontium	88-1	3160	1875	1725	2254	35.00	cps
Sulfur	34-1	374811	372759	375495	374355	0.38	cps
Terbium	159-1	9241157	9481449	9310967	9344524	1.32	cps
Terbium	159-2	3959518	4000359	4073171	4011016	1.44	cps
Thallium	203-1	325	200	183	236	32.80	cps
Thallium	205-1	825	592	500	639	26.23	cps
Tin	118-1	417	458	467	447	5.99	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P8
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:00:24	DataFile Name :	152CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	342	375	328	16.93	cps
Uranium	238-1	150	100	108	119	22.43	cps
Vanadium	51-2	10	13	17	13	25.01	cps
Ytterbium	172-1	17	8	33	19	65.47	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	758	725	850	778	8.32	cps
Ytterbium	176-2	5268	5746	5790	5601	5.17	cps
Yttrium	89-1	12705879	12909197	12792851	12802642	0.80	cps
Yttrium	89-2	1237206	1238473	1249179	1241619	0.53	cps
Zinc	66-2	173	140	120	144	18.66	cps
Zirconium	90-1	842	858	808	836	3.04	cps
Zirconium	91-1	217	183	200	200	8.33	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-15 Instrumnet Name : P8
 Client Sample ID : MH1FH7 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:03:29 DataFile Name : 153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1228122	1183278	1203954	1205118	1.86	cps
Antimony	121-1	13549	14516	13932	13999	3.48	cps
Arsenic	75-2	6384	6202	6409	6332	1.79	cps
Barium	135-1	1070125	1060727	1080477	1070443	0.92	cps
Barium	137-1	1904834	1909050	1882829	1898904	0.74	cps
Beryllium	9-1	4180	4138	3976	4098	2.63	cps
Bismuth	209-1	4735776	4878686	5083338	4899267	3.57	cps
Bismuth	209-2	2791763	2834774	2802309	2809615	0.80	cps
Boron	10-1	3838	4250	4182	4090	5.40	cps
Boron	11-1	19197	19449	20755	19800	4.22	cps
Bromine	81-1	28659	27535	29763	28652	3.89	cps
Cadmium	111-1	16669	17427	17212	17103	2.29	cps
Cadmium	106-1	4759	5068	4876	4901	3.18	cps
Cadmium	108-1	1454	1446	1404	1435	1.87	cps
Calcium	43-1	1695447	1652574	1670964	1672995	1.29	cps
Calcium	44-1	27506763	26180851	26415062	26700892	2.65	cps
Carbon	12-1	5552719	5657383	5511877	5573993	1.35	cps
Carbon	12-2	56777	57438	56259	56824	1.04	cps
Chlorine	35-1	25218582	31250464	35786852	30751966	17.24	cps
Chlorine	35-2	247073	259863	275404	260780	5.44	cps
Chromium	52-2	67615	68151	66631	67466	1.14	cps
Cobalt	59-2	87407	86132	88493	87344	1.35	cps
Copper	63-2	560397	553537	559424	557786	0.67	cps
Dysprosium	156-1	73597	75849	74307	74585	1.54	cps
Dysprosium	156-2	33031	32607	32449	32696	0.92	cps
Erbium	164-1	60095	59283	62121	60500	2.42	cps
Erbium	164-2	27181	27011	27091	27094	0.31	cps
Gadolinium	160-1	66902	68175	66417	67165	1.35	cps
Gadolinium	160-2	35484	34688	35060	35077	1.13	cps
Holmium	165-1	8663718	8778449	8980852	8807673	1.82	cps
Holmium	165-2	4280537	4099441	4330152	4236710	2.87	cps
Indium	115-1	7925102	8246588	7949367	8040353	2.23	cps
Indium	115-2	1181044	1176998	1173360	1177134	0.33	cps
Iron	54-2	5024151	5020789	5028169	5024370	0.07	cps
Iron	56-2	93354391	92597480	90083566	92011812	1.86	cps
Iron	57-2	2375788	2391166	2360452	2375802	0.65	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-15	Instrumnet Name :	P8
Client Sample ID :	MH1FH7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:03:29	DataFile Name :	153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	957	967	954	1.41	cps
Lead	206-1	3340771	3446487	3326900	3371386	1.94	cps
Lead	207-1	2743213	2870062	2846386	2819887	2.39	cps
Lead	208-1	13008016	13263788	13110249	13127351	0.98	cps
Lithium	6-1	2591117	2598869	2548204	2579397	1.06	cps
Magnesium	24-2	1613253	1544141	1511632	1556342	3.33	cps
Manganese	55-2	2220705	2098091	2139452	2152749	2.90	cps
Molybdenum	94-1	21943	21141	20657	21247	3.06	cps
Molybdenum	95-1	15209	15309	14658	15059	2.33	cps
Molybdenum	96-1	20674	20966	21517	21053	2.03	cps
Molybdenum	97-1	9845	9495	9912	9751	2.30	cps
Molybdenum	98-1	24155	24213	23345	23904	2.03	cps
Neodymium	150-1	126332	125900	124589	125607	0.72	cps
Neodymium	150-2	40892	41020	40027	40646	1.33	cps
Nickel	60-2	60106	60016	60405	60176	0.34	cps
Phosphorus	31-2	11405	11171	11680	11419	2.23	cps
Potassium	39-2	585830	596998	581323	588050	1.37	cps
Rhodium	103-1	7408496	7636033	7876783	7640437	3.06	cps
Rhodium	103-2	3646709	3551477	3530508	3576231	1.73	cps
Scandium	45-1	6503797	6225812	6362566	6364058	2.18	cps
Scandium	45-2	174371	173086	176449	174635	0.97	cps
Selenium	82-1	364	360	312	345	8.38	cps
Selenium	77-2	173	143	237	184	25.83	cps
Selenium	78-2	190	160	184	178	8.92	cps
Silicon	28-1	10423524	10332521	10241429	10332491	0.88	cps
Silver	107-1	29031	27963	28948	28647	2.07	cps
Silver	109-1	26927	25992	26735	26551	1.86	cps
Sodium	23-2	215104	214325	213143	214190	0.46	cps
Strontium	86-1	880497	882741	877138	880125	0.32	cps
Strontium	88-1	7643100	7522386	7691402	7618963	1.14	cps
Sulfur	34-1	403400	398409	408283	403364	1.22	cps
Terbium	159-1	9100975	9217676	9731731	9350127	3.59	cps
Terbium	159-2	4288230	4219104	4080616	4195983	2.52	cps
Thallium	203-1	4909	4584	4884	4793	3.78	cps
Thallium	205-1	11472	11889	10855	11405	4.56	cps
Tin	118-1	95240	93822	95887	94983	1.11	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-15	Instrumnet Name :	P8
Client Sample ID :	MH1FH7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:03:29	DataFile Name :	153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	344041	341050	341052	342047	0.50	cps
Uranium	238-1	69960	68144	69466	69190	1.36	cps
Vanadium	51-2	157995	154646	156560	156400	1.07	cps
Ytterbium	172-1	17871	17796	17453	17707	1.26	cps
Ytterbium	172-2	9281	9693	9198	9391	2.82	cps
Ytterbium	176-1	11397	11580	12273	11750	3.93	cps
Ytterbium	176-2	11828	11589	11572	11663	1.23	cps
Yttrium	89-1	13951000	13891709	14494739	14112483	2.36	cps
Yttrium	89-2	1423300	1414367	1418144	1418603	0.32	cps
Zinc	66-2	508151	511402	511070	510207	0.35	cps
Zirconium	90-1	35229	37108	37100	36479	2.97	cps
Zirconium	91-1	8428	8153	8228	8269	1.72	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-16	Instrumnet Name :	P8
Client Sample ID :	MH1FH8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:06:22	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1197022	1169817	1161803	1176214	1.57	cps
Antimony	121-1	9404	9337	9904	9548	3.25	cps
Arsenic	75-2	5449	5329	5402	5393	1.12	cps
Barium	135-1	916099	925018	937981	926366	1.19	cps
Barium	137-1	1611214	1654117	1581761	1615697	2.25	cps
Beryllium	9-1	3450	3462	3430	3447	0.47	cps
Bismuth	209-1	4970097	5100655	4849370	4973374	2.53	cps
Bismuth	209-2	2856653	2832172	2814629	2834484	0.74	cps
Boron	10-1	3000	3214	3312	3175	5.03	cps
Boron	11-1	14875	15709	15922	15502	3.57	cps
Bromine	81-1	27786	28899	30214	28967	4.19	cps
Cadmium	111-1	8330	8257	7923	8170	2.66	cps
Cadmium	106-1	4317	4426	4301	4348	1.56	cps
Cadmium	108-1	625	567	663	618	7.81	cps
Calcium	43-1	1359633	1359154	1377897	1365562	0.78	cps
Calcium	44-1	21774956	22149824	22231292	22052024	1.10	cps
Carbon	12-1	5358838	5182642	5250693	5264058	1.69	cps
Carbon	12-2	53448	53239	53013	53233	0.41	cps
Chlorine	35-1	38034047	43596924	47119480	42916817	10.67	cps
Chlorine	35-2	295843	302010	306995	301616	1.85	cps
Chromium	52-2	65104	65606	65841	65517	0.57	cps
Cobalt	59-2	79772	78891	79678	79447	0.61	cps
Copper	63-2	332232	329695	330942	330956	0.38	cps
Dysprosium	156-1	76830	75045	76570	76148	1.27	cps
Dysprosium	156-2	33753	33529	33331	33538	0.63	cps
Erbium	164-1	63653	62800	63778	63410	0.84	cps
Erbium	164-2	27525	28661	27415	27867	2.47	cps
Gadolinium	160-1	69482	71434	71769	70895	1.74	cps
Gadolinium	160-2	37025	35942	36182	36383	1.56	cps
Holmium	165-1	9052624	9331285	8886686	9090199	2.47	cps
Holmium	165-2	4332608	4368665	4338205	4346493	0.45	cps
Indium	115-1	8554503	8475281	8039050	8356278	3.32	cps
Indium	115-2	1192365	1170532	1186347	1183082	0.95	cps
Iron	54-2	4171889	4206450	4156698	4178346	0.61	cps
Iron	56-2	76029310	75271804	74026577	75109230	1.35	cps
Iron	57-2	1934554	1922119	1900232	1918968	0.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-16	Instrumnet Name :	P8
Client Sample ID :	MH1FH8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:06:22	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	887	973	1157	1006	13.71	cps
Lead	206-1	1283820	1223410	1225146	1244125	2.76	cps
Lead	207-1	1038923	1036462	1028635	1034673	0.52	cps
Lead	208-1	5027958	5082054	4927056	5012356	1.57	cps
Lithium	6-1	2651089	2705989	2768455	2708511	2.17	cps
Magnesium	24-2	1550585	1536207	1544583	1543792	0.47	cps
Manganese	55-2	1339537	1325199	1397514	1354083	2.83	cps
Molybdenum	94-1	19448	19364	19197	19336	0.66	cps
Molybdenum	95-1	16485	15225	15918	15876	3.97	cps
Molybdenum	96-1	20808	20449	21450	20902	2.43	cps
Molybdenum	97-1	10054	9887	9745	9895	1.56	cps
Molybdenum	98-1	25850	24673	25800	25441	2.62	cps
Neodymium	150-1	131937	132819	130779	131845	0.78	cps
Neodymium	150-2	42541	42414	41949	42301	0.74	cps
Nickel	60-2	55136	55689	55170	55332	0.56	cps
Phosphorus	31-2	8169	7977	7402	7850	5.09	cps
Potassium	39-2	649634	647452	652212	649766	0.37	cps
Rhodium	103-1	7962926	8094444	7776878	7944750	2.01	cps
Rhodium	103-2	3595269	3530526	3659364	3595053	1.79	cps
Scandium	45-1	6606826	6613970	6624412	6615069	0.13	cps
Scandium	45-2	178134	173868	175175	175726	1.24	cps
Selenium	82-1	398	307	65	257	66.97	cps
Selenium	77-2	197	170	160	176	10.80	cps
Selenium	78-2	181	170	159	170	6.47	cps
Silicon	28-1	10006398	9060853	9048081	9371778	5.86	cps
Silver	107-1	13841	14099	14458	14133	2.19	cps
Silver	109-1	13474	13048	13415	13312	1.73	cps
Sodium	23-2	171291	175675	174588	173852	1.31	cps
Strontium	86-1	643947	649475	657709	650377	1.06	cps
Strontium	88-1	5576145	5408954	5528994	5504698	1.57	cps
Sulfur	34-1	392039	392756	391951	392249	0.11	cps
Terbium	159-1	9545420	9446218	9490660	9494099	0.52	cps
Terbium	159-2	4220509	4043444	4081930	4115294	2.26	cps
Thallium	203-1	4359	4618	4776	4584	4.59	cps
Thallium	205-1	10496	10738	10463	10566	1.42	cps
Tin	118-1	39550	41714	41430	40898	2.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-16	Instrumnet Name :	P8
Client Sample ID :	MH1FH8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:06:22	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233472	231995	232268	232578	0.34	cps
Uranium	238-1	56109	54686	55381	55392	1.28	cps
Vanadium	51-2	154500	152514	154222	153745	0.70	cps
Ytterbium	172-1	17162	16577	17654	17131	3.15	cps
Ytterbium	172-2	9559	9359	9570	9496	1.25	cps
Ytterbium	176-1	11906	10888	11405	11400	4.46	cps
Ytterbium	176-2	11905	12078	11828	11937	1.07	cps
Yttrium	89-1	14742151	14747003	14398031	14629062	1.37	cps
Yttrium	89-2	1411987	1414354	1429365	1418569	0.66	cps
Zinc	66-2	206082	205314	205717	205704	0.19	cps
Zirconium	90-1	28321	28914	28814	28683	1.11	cps
Zirconium	91-1	6652	6377	6118	6382	4.18	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-17 Instrumnet Name : P8
 Client Sample ID : MH1FH9 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:09:18 DataFile Name : 155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1054212	1051648	1062665	1056175	0.55	cps
Antimony	121-1	27503	28430	27679	27871	1.77	cps
Arsenic	75-2	5240	5380	5092	5237	2.74	cps
Barium	135-1	1221182	1223126	1177277	1207195	2.15	cps
Barium	137-1	2152369	2161100	2145584	2153018	0.36	cps
Beryllium	9-1	4408	4118	4404	4310	3.86	cps
Bismuth	209-1	5067898	4886348	5003733	4985993	1.85	cps
Bismuth	209-2	2784864	2772505	2768642	2775337	0.31	cps
Boron	10-1	6164	6516	6762	6481	4.64	cps
Boron	11-1	29927	31109	32447	31161	4.05	cps
Bromine	81-1	26222	25870	26683	26258	1.55	cps
Cadmium	111-1	16821	17259	17215	17098	1.41	cps
Cadmium	106-1	5076	5493	4926	5165	5.69	cps
Cadmium	108-1	1396	1396	1396	1396	0.00	cps
Calcium	43-1	2878795	2924857	2856602	2886751	1.21	cps
Calcium	44-1	45651915	47655711	45864931	46390852	2.37	cps
Carbon	12-1	8125795	8226660	8482930	8278461	2.22	cps
Carbon	12-2	87193	84945	85390	85843	1.39	cps
Chlorine	35-1	41101360	46619882	49260840	45660694	9.12	cps
Chlorine	35-2	316813	324163	338355	326444	3.35	cps
Chromium	52-2	172948	174443	173638	173676	0.43	cps
Cobalt	59-2	76910	76789	76300	76666	0.42	cps
Copper	63-2	571641	574951	574602	573731	0.32	cps
Dysprosium	156-1	63226	62439	63342	63002	0.78	cps
Dysprosium	156-2	27873	26807	28043	27574	2.43	cps
Erbium	164-1	50572	52362	52153	51696	1.89	cps
Erbium	164-2	22566	22412	22873	22617	1.04	cps
Gadolinium	160-1	56604	58579	59216	58133	2.34	cps
Gadolinium	160-2	29750	29890	29553	29731	0.57	cps
Holmium	165-1	9048537	8660028	9156484	8955016	2.92	cps
Holmium	165-2	4279373	4247085	4241285	4255914	0.48	cps
Indium	115-1	8311092	8341262	8576652	8409669	1.73	cps
Indium	115-2	1174011	1173969	1162384	1170121	0.57	cps
Iron	54-2	5258150	5137469	5251795	5215805	1.30	cps
Iron	56-2	97255791	95299810	95586141	96047248	1.10	cps
Iron	57-2	2482487	2417418	2404349	2434751	1.72	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-17	Instrumnet Name :	P8
Client Sample ID :	MH1FH9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:09:18	DataFile Name :	155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	933	1037	991	5.32	cps
Lead	206-1	4130761	4068086	4038915	4079254	1.15	cps
Lead	207-1	3393115	3407281	3325289	3375228	1.30	cps
Lead	208-1	15725715	15743680	15274527	15581308	1.71	cps
Lithium	6-1	2607717	2694095	2722276	2674696	2.23	cps
Magnesium	24-2	2871982	2908356	2920907	2900415	0.88	cps
Manganese	55-2	2731447	2700134	2768337	2733306	1.25	cps
Molybdenum	94-1	26442	26234	25925	26200	0.99	cps
Molybdenum	95-1	18454	18054	19422	18643	3.77	cps
Molybdenum	96-1	24439	24906	24197	24514	1.47	cps
Molybdenum	97-1	11630	11455	11272	11452	1.57	cps
Molybdenum	98-1	28747	29716	29407	29290	1.69	cps
Neodymium	150-1	104786	106668	107158	106204	1.18	cps
Neodymium	150-2	34578	34691	35009	34760	0.64	cps
Nickel	60-2	58105	58376	58506	58329	0.35	cps
Phosphorus	31-2	15450	16293	16326	16023	3.10	cps
Potassium	39-2	817848	808679	813933	813486	0.57	cps
Rhodium	103-1	7971125	7822800	7907711	7900545	0.94	cps
Rhodium	103-2	3493682	3558863	3592818	3548454	1.42	cps
Scandium	45-1	6688297	6638152	6654628	6660359	0.38	cps
Scandium	45-2	173909	177645	172216	174590	1.59	cps
Selenium	82-1	313	391	271	325	18.62	cps
Selenium	77-2	147	140	103	130	17.95	cps
Selenium	78-2	161	168	168	166	2.44	cps
Silicon	28-1	15790443	16170251	15876063	15945586	1.25	cps
Silver	107-1	27795	27561	28079	27812	0.93	cps
Silver	109-1	26251	26810	26125	26395	1.38	cps
Sodium	23-2	159399	161632	162541	161191	1.00	cps
Strontium	86-1	1095519	1071735	1104210	1090488	1.54	cps
Strontium	88-1	9366535	9160936	9237653	9255041	1.12	cps
Sulfur	34-1	430269	434469	430218	431652	0.57	cps
Terbium	159-1	9495483	9892965	9433978	9607475	2.59	cps
Terbium	159-2	4181895	4245966	4172242	4200034	0.95	cps
Thallium	203-1	3226	3175	3050	3150	2.86	cps
Thallium	205-1	7994	7569	7986	7850	3.10	cps
Tin	118-1	124968	124153	125197	124773	0.44	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-17	Instrumnet Name :	P8
Client Sample ID :	MH1FH9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:09:18	DataFile Name :	155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	406435	402438	408270	405714	0.73	cps
Uranium	238-1	65202	63770	61994	63655	2.52	cps
Vanadium	51-2	147939	146073	147131	147048	0.64	cps
Ytterbium	172-1	15284	15034	14942	15087	1.17	cps
Ytterbium	172-2	8091	7741	8175	8003	2.87	cps
Ytterbium	176-1	10396	10821	10071	10429	3.61	cps
Ytterbium	176-2	10799	10910	10421	10710	2.39	cps
Yttrium	89-1	14424312	14628436	14440200	14497650	0.78	cps
Yttrium	89-2	1380013	1378351	1392884	1383749	0.57	cps
Zinc	66-2	790471	798744	790153	793123	0.61	cps
Zirconium	90-1	44347	44723	45191	44754	0.94	cps
Zirconium	91-1	9687	10071	9687	9815	2.26	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-18	Instrumnet Name :	P8
Client Sample ID :	MH1FJ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:12:12	DataFile Name :	156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1105300	1101781	1090847	1099309	0.69	cps
Antimony	121-1	22310	21476	22402	22063	2.31	cps
Arsenic	75-2	6296	6197	6126	6206	1.38	cps
Barium	135-1	1416683	1388287	1467059	1424010	2.80	cps
Barium	137-1	2457404	2471358	2519226	2482663	1.31	cps
Beryllium	9-1	4096	4474	4356	4308	4.49	cps
Bismuth	209-1	5058458	5069794	4917072	5015108	1.70	cps
Bismuth	209-2	2615380	2727760	2786835	2709992	3.21	cps
Boron	10-1	8129	8895	9331	8785	6.93	cps
Boron	11-1	39060	40987	42860	40969	4.64	cps
Bromine	81-1	26412	25690	27847	26650	4.12	cps
Cadmium	111-1	19884	18567	18448	18966	4.20	cps
Cadmium	106-1	4959	5243	5134	5112	2.80	cps
Cadmium	108-1	1604	1613	1667	1628	2.09	cps
Calcium	43-1	3182457	3114384	3068224	3121688	1.84	cps
Calcium	44-1	51132801	50311666	49197119	50213862	1.93	cps
Carbon	12-1	6560239	6752639	6782923	6698600	1.80	cps
Carbon	12-2	69204	70227	69256	69563	0.83	cps
Chlorine	35-1	45508272	50090629	53555977	49718293	8.12	cps
Chlorine	35-2	338263	353143	355440	348949	2.67	cps
Chromium	52-2	117078	115902	114797	115926	0.98	cps
Cobalt	59-2	89385	87205	85941	87510	1.99	cps
Copper	63-2	633284	637977	616113	629125	1.83	cps
Dysprosium	156-1	63167	67739	65612	65506	3.49	cps
Dysprosium	156-2	29636	28824	29589	29350	1.55	cps
Erbium	164-1	53500	56496	56429	55475	3.08	cps
Erbium	164-2	24426	24723	23461	24203	2.73	cps
Gadolinium	160-1	60144	58881	60455	59827	1.39	cps
Gadolinium	160-2	31210	31217	31050	31159	0.30	cps
Holmium	165-1	8977452	9077097	8987056	9013868	0.61	cps
Holmium	165-2	3932993	4035326	4211878	4060066	3.47	cps
Indium	115-1	8466354	8276162	8090935	8277817	2.27	cps
Indium	115-2	1074182	1146818	1163401	1128134	4.21	cps
Iron	54-2	5514240	5789715	5516929	5606962	2.82	cps
Iron	56-2	102363808	104210500	99762363	102112224	2.19	cps
Iron	57-2	2642664	2621418	2545231	2603104	1.97	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-18 Instrumnet Name : P8
 Client Sample ID : MH1FJ0 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:12:12 DataFile Name : 156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	967	957	1057	993	5.54	cps
Lead	206-1	4945431	4870854	4912524	4909603	0.76	cps
Lead	207-1	4133221	4097206	4257515	4162647	2.02	cps
Lead	208-1	18911695	18953792	19223690	19029726	0.89	cps
Lithium	6-1	2566943	2605974	2608812	2593910	0.90	cps
Magnesium	24-2	2441472	2391756	2365348	2399525	1.61	cps
Manganese	55-2	2394808	2435047	2369893	2399916	1.37	cps
Molybdenum	94-1	25808	26534	26801	26381	1.95	cps
Molybdenum	95-1	18221	19047	18755	18674	2.24	cps
Molybdenum	96-1	24839	24764	24422	24675	0.90	cps
Molybdenum	97-1	10996	11689	11722	11469	3.57	cps
Molybdenum	98-1	28413	29474	29206	29031	1.90	cps
Neodymium	150-1	109093	113949	111239	111427	2.18	cps
Neodymium	150-2	34905	35427	34290	34874	1.63	cps
Nickel	60-2	77145	77537	75388	76690	1.49	cps
Phosphorus	31-2	16527	16276	15926	16243	1.86	cps
Potassium	39-2	785857	781214	793349	786807	0.78	cps
Rhodium	103-1	7772942	7845684	7750007	7789544	0.64	cps
Rhodium	103-2	3341461	3436081	3563151	3446897	3.23	cps
Scandium	45-1	6815242	6440052	6542603	6599299	2.94	cps
Scandium	45-2	161291	169359	172182	167611	3.37	cps
Selenium	82-1	343	379	253	325	19.93	cps
Selenium	77-2	150	190	160	167	12.49	cps
Selenium	78-2	157	144	174	158	9.50	cps
Silicon	28-1	10091120	10370159	10361471	10274250	1.54	cps
Silver	107-1	32606	33091	34060	33252	2.23	cps
Silver	109-1	31395	32706	32347	32149	2.11	cps
Sodium	23-2	250741	247104	245511	247785	1.08	cps
Strontium	86-1	1389453	1382929	1451295	1407892	2.68	cps
Strontium	88-1	12165907	12033327	12156933	12118722	0.61	cps
Sulfur	34-1	425658	429470	430189	428439	0.57	cps
Terbium	159-1	9380795	9723499	9713327	9605874	2.03	cps
Terbium	159-2	3899097	4030177	4145088	4024787	3.06	cps
Thallium	203-1	3684	3942	3942	3856	3.87	cps
Thallium	205-1	8937	9103	9112	9051	1.09	cps
Tin	118-1	141068	138607	138525	139400	1.04	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-18	Instrumnet Name :	P8
Client Sample ID :	MH1FJ0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:12:12	DataFile Name :	156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	393149	399793	392669	395204	1.01	cps
Uranium	238-1	66106	64666	66885	65886	1.71	cps
Vanadium	51-2	163783	161369	159741	161631	1.26	cps
Ytterbium	172-1	15902	15977	17295	16391	4.78	cps
Ytterbium	172-2	8620	8470	9048	8712	3.44	cps
Ytterbium	176-1	10871	11480	10780	11044	3.45	cps
Ytterbium	176-2	10165	11083	10988	10745	4.70	cps
Yttrium	89-1	14690162	14431369	14450216	14523916	0.99	cps
Yttrium	89-2	1314435	1353699	1384277	1350804	2.59	cps
Zinc	66-2	839966	830953	838577	836499	0.58	cps
Zirconium	90-1	43794	44029	44597	44140	0.94	cps
Zirconium	91-1	9805	10238	10029	10024	2.16	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-19	Instrumnet Name :	P8
Client Sample ID :	MH1FJ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:15:09	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1141886	1122286	1141018	1135063	0.98	cps
Antimony	121-1	17270	17378	17470	17373	0.58	cps
Arsenic	75-2	5799	5666	5707	5724	1.19	cps
Barium	135-1	1250847	1232062	1217655	1233521	1.35	cps
Barium	137-1	2218442	2150403	2191209	2186685	1.57	cps
Beryllium	9-1	4250	4432	4512	4398	3.05	cps
Bismuth	209-1	4943966	4881032	5128076	4984358	2.58	cps
Bismuth	209-2	2909322	2757426	2760225	2808991	3.09	cps
Boron	10-1	7048	7422	7528	7333	3.44	cps
Boron	11-1	34383	36007	36241	35544	2.85	cps
Bromine	81-1	28227	27335	29542	28368	3.91	cps
Cadmium	111-1	13792	13956	13627	13792	1.19	cps
Cadmium	106-1	4509	4693	4576	4593	2.02	cps
Cadmium	108-1	1183	1179	1042	1135	7.10	cps
Calcium	43-1	1881775	2007517	1954849	1948047	3.24	cps
Calcium	44-1	30467652	31838606	30914384	31073547	2.25	cps
Carbon	12-1	5647231	5719105	5851223	5739186	1.80	cps
Carbon	12-2	57505	57438	58735	57892	1.26	cps
Chlorine	35-1	44463374	50228172	51875758	48855768	7.97	cps
Chlorine	35-2	326804	334551	337202	332852	1.62	cps
Chromium	52-2	68333	66092	65914	66780	2.02	cps
Cobalt	59-2	90429	90358	90844	90544	0.29	cps
Copper	63-2	487831	481421	483065	484106	0.69	cps
Dysprosium	156-1	70069	73403	69173	70882	3.14	cps
Dysprosium	156-2	31952	31651	31180	31594	1.23	cps
Erbium	164-1	60924	58245	59056	59408	2.31	cps
Erbium	164-2	26186	26333	26547	26355	0.69	cps
Gadolinium	160-1	64758	64348	67045	65384	2.22	cps
Gadolinium	160-2	32700	33917	33305	33307	1.83	cps
Holmium	165-1	8857602	8851289	8657405	8788765	1.29	cps
Holmium	165-2	4241857	4120295	4208553	4190235	1.50	cps
Indium	115-1	8263881	8010993	8347711	8207529	2.14	cps
Indium	115-2	1171539	1161229	1165012	1165927	0.45	cps
Iron	54-2	5086805	5149859	4989542	5075402	1.59	cps
Iron	56-2	93680935	94492402	90541866	92905068	2.25	cps
Iron	57-2	2366832	2353942	2335167	2351980	0.68	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-19	Instrumnet Name :	P8
Client Sample ID :	MH1FJ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:15:09	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	960	887	952	6.52	cps
Lead	206-1	3511427	3594092	3671134	3592218	2.22	cps
Lead	207-1	3010683	3026579	3046816	3028026	0.60	cps
Lead	208-1	13849934	13927287	14026348	13934523	0.63	cps
Lithium	6-1	2605985	2613288	2689609	2636294	1.76	cps
Magnesium	24-2	1562879	1519071	1520497	1534149	1.62	cps
Manganese	55-2	2065704	2035781	2061880	2054455	0.79	cps
Molybdenum	94-1	23679	24464	24339	24160	1.74	cps
Molybdenum	95-1	16994	16477	17228	16899	2.27	cps
Molybdenum	96-1	22978	22919	23629	23176	1.70	cps
Molybdenum	97-1	10296	10546	10579	10474	1.48	cps
Molybdenum	98-1	28547	27369	27010	27642	2.91	cps
Neodymium	150-1	117523	119628	117417	118189	1.06	cps
Neodymium	150-2	37690	38672	37934	38099	1.34	cps
Nickel	60-2	57760	58081	57937	57926	0.28	cps
Phosphorus	31-2	14099	13665	14274	14013	2.24	cps
Potassium	39-2	754015	740759	754394	749723	1.04	cps
Rhodium	103-1	7533168	7413562	7695887	7547539	1.88	cps
Rhodium	103-2	3571377	3573968	3495713	3547019	1.25	cps
Scandium	45-1	6291368	6298512	6436389	6342089	1.29	cps
Scandium	45-2	173686	174040	172743	173490	0.39	cps
Selenium	82-1	259	226	400	295	31.30	cps
Selenium	77-2	167	140	177	161	11.77	cps
Selenium	78-2	187	170	167	175	6.17	cps
Silicon	28-1	10701384	10667542	10682801	10683909	0.16	cps
Silver	107-1	23462	23955	22845	23421	2.37	cps
Silver	109-1	23471	23178	22310	22986	2.63	cps
Sodium	23-2	256818	243145	249418	249794	2.74	cps
Strontium	86-1	1070177	1069790	1072053	1070673	0.11	cps
Strontium	88-1	9073519	9202828	9113899	9130082	0.72	cps
Sulfur	34-1	415997	419856	414111	416655	0.70	cps
Terbium	159-1	9131329	9163877	9392980	9229395	1.55	cps
Terbium	159-2	4115014	4104960	4191859	4137278	1.15	cps
Thallium	203-1	4459	4284	4109	4284	4.09	cps
Thallium	205-1	10404	10471	10413	10429	0.35	cps
Tin	118-1	118831	118412	117814	118352	0.43	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-19	Instrumnet Name :	P8
Client Sample ID :	MH1FJ1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:15:09	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	376730	383376	376274	378793	1.05	cps
Uranium	238-1	69499	70228	68821	69516	1.01	cps
Vanadium	51-2	156424	154851	155822	155699	0.51	cps
Ytterbium	172-1	17203	17621	18080	17635	2.49	cps
Ytterbium	172-2	8959	9276	9437	9224	2.64	cps
Ytterbium	176-1	11347	11272	11314	11311	0.33	cps
Ytterbium	176-2	11261	11466	12195	11640	4.22	cps
Yttrium	89-1	13905376	13835477	14366567	14035807	2.06	cps
Yttrium	89-2	1412425	1378740	1372340	1387835	1.55	cps
Zinc	66-2	618495	611861	614816	615057	0.54	cps
Zirconium	90-1	40168	43047	39683	40966	4.44	cps
Zirconium	91-1	8453	9153	9187	8931	4.64	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:18:02	DataFile Name :	158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2066396	2150264	2072125	2096262	2.24	cps
Antimony	121-1	14291	13874	13941	14035	1.60	cps
Arsenic	75-2	13026	13221	12826	13024	1.51	cps
Barium	135-1	1940154	1976711	1941900	1952921	1.06	cps
Barium	137-1	3292860	3343259	3253342	3296487	1.37	cps
Beryllium	9-1	5630	5920	5872	5807	2.68	cps
Bismuth	209-1	5084276	5172168	4862777	5039741	3.16	cps
Bismuth	209-2	2789359	2659283	2760757	2736466	2.50	cps
Boron	10-1	5626	5912	5728	5755	2.52	cps
Boron	11-1	26799	28516	28652	27989	3.69	cps
Bromine	81-1	34939	35742	34548	35076	1.74	cps
Cadmium	111-1	22328	21883	21460	21890	1.98	cps
Cadmium	106-1	6177	5818	5826	5940	3.44	cps
Cadmium	108-1	1733	1846	1671	1750	5.07	cps
Calcium	43-1	3308952	3369190	3326843	3334995	0.93	cps
Calcium	44-1	54095382	53848070	53912277	53951910	0.24	cps
Carbon	12-1	10570137	10840455	11528957	10979850	4.50	cps
Carbon	12-2	116637	117469	113774	115960	1.67	cps
Chlorine	35-1	45340904	50401723	52773610	49505412	7.67	cps
Chlorine	35-2	328203	338495	334390	333696	1.55	cps
Chromium	52-2	223979	225871	221917	223922	0.88	cps
Cobalt	59-2	167672	170333	169009	169005	0.79	cps
Copper	63-2	1000886	996067	994685	997213	0.33	cps
Dysprosium	156-1	136630	135739	136772	136380	0.41	cps
Dysprosium	156-2	59827	59652	59408	59629	0.35	cps
Erbium	164-1	108433	111762	113248	111148	2.22	cps
Erbium	164-2	47960	48850	47217	48009	1.70	cps
Gadolinium	160-1	120804	125943	123110	123286	2.09	cps
Gadolinium	160-2	63383	63946	63447	63592	0.48	cps
Holmium	165-1	9303122	9089180	9146645	9179649	1.21	cps
Holmium	165-2	4133817	4003850	4251222	4129630	3.00	cps
Indium	115-1	8403722	8359301	8202622	8321882	1.27	cps
Indium	115-2	1125135	1096081	1149794	1123670	2.39	cps
Iron	54-2	8749251	8776417	8678386	8734685	0.58	cps
Iron	56-2	159054087	159630709	154675253	157786683	1.72	cps
Iron	57-2	4023205	4014866	4021985	4020019	0.11	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-20 Instrumnet Name : P8
 Client Sample ID : MH1FN2 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:18:02 DataFile Name : 158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	1053	1147	1075	5.99	cps
Lead	206-1	6159518	6042058	6082377	6094651	0.98	cps
Lead	207-1	5154413	5323170	5184337	5220640	1.72	cps
Lead	208-1	23985928	24128629	23837981	23984179	0.61	cps
Lithium	6-1	2689859	2706177	2639914	2678650	1.29	cps
Magnesium	24-2	3964990	3982737	3931942	3959890	0.65	cps
Manganese	55-2	3197906	3276441	3226786	3233711	1.23	cps
Molybdenum	94-1	35772	36633	35805	36070	1.35	cps
Molybdenum	95-1	22944	22886	23729	23186	2.03	cps
Molybdenum	96-1	32539	31845	32055	32146	1.11	cps
Molybdenum	97-1	13215	14099	15209	14174	7.05	cps
Molybdenum	98-1	35245	35120	35296	35220	0.26	cps
Neodymium	150-1	235106	235293	231173	233857	0.99	cps
Neodymium	150-2	75150	76000	74118	75089	1.26	cps
Nickel	60-2	128114	128905	123547	126855	2.28	cps
Phosphorus	31-2	19372	18988	19322	19227	1.09	cps
Potassium	39-2	1655887	1644178	1618042	1639369	1.18	cps
Rhodium	103-1	7831187	7804024	7714868	7783360	0.78	cps
Rhodium	103-2	3426787	3310130	3524382	3420433	3.14	cps
Scandium	45-1	6666502	6792309	6614784	6691198	1.36	cps
Scandium	45-2	170322	164854	170722	168632	1.94	cps
Selenium	82-1	692	664	649	669	3.24	cps
Selenium	77-2	287	330	333	317	8.22	cps
Selenium	78-2	309	305	308	307	0.68	cps
Silicon	28-1	11309123	11800305	12948476	12019301	7.00	cps
Silver	107-1	26401	27645	27361	27136	2.40	cps
Silver	109-1	25858	26009	26668	26178	1.65	cps
Sodium	23-2	294383	296217	291898	294166	0.74	cps
Strontium	86-1	1461839	1500420	1489342	1483867	1.34	cps
Strontium	88-1	12327099	12662352	12600754	12530068	1.42	cps
Sulfur	34-1	483218	481975	480708	481967	0.26	cps
Terbium	159-1	9339508	9758005	9435392	9510968	2.31	cps
Terbium	159-2	4059429	3958277	4124157	4047288	2.07	cps
Thallium	203-1	6969	7211	6844	7008	2.66	cps
Thallium	205-1	16344	16269	17846	16820	5.29	cps
Tin	118-1	109436	110260	111984	110560	1.18	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20	Instrumnet Name :	P8
Client Sample ID :	MH1FN2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:18:02	DataFile Name :	158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1243617	1275091	1261146	1259952	1.25	cps
Uranium	238-1	181904	183788	182872	182855	0.52	cps
Vanadium	51-2	285963	283145	282664	283924	0.63	cps
Ytterbium	172-1	30310	31221	31538	31023	2.05	cps
Ytterbium	172-2	16449	16344	16822	16538	1.52	cps
Ytterbium	176-1	20475	19699	19649	19941	2.32	cps
Ytterbium	176-2	14302	15554	15287	15048	4.38	cps
Yttrium	89-1	15097111	15505129	15386743	15329661	1.37	cps
Yttrium	89-2	1471546	1389291	1496893	1452577	3.87	cps
Zinc	66-2	694303	702366	681017	692562	1.56	cps
Zirconium	90-1	64869	63646	63881	64132	1.01	cps
Zirconium	91-1	13841	14249	13348	13813	3.27	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-21 Instrumnet Name : P8
 Client Sample ID : MH1FN2D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:20:58 DataFile Name : 159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1615359	1582962	1522709	1573677	2.99	cps
Antimony	121-1	13690	13716	13140	13515	2.41	cps
Arsenic	75-2	9953	10015	10197	10055	1.26	cps
Barium	135-1	1446598	1483235	1482530	1470788	1.42	cps
Barium	137-1	2526906	2497639	2476839	2500461	1.01	cps
Beryllium	9-1	4252	4184	4192	4209	0.88	cps
Bismuth	209-1	4988723	5041806	4970214	5000248	0.74	cps
Bismuth	209-2	2782026	2753761	2799037	2778275	0.82	cps
Boron	10-1	4480	4552	4666	4566	2.05	cps
Boron	11-1	21958	22266	23346	22523	3.24	cps
Bromine	81-1	32190	31166	32070	31809	1.76	cps
Cadmium	111-1	16838	16118	16530	16495	2.19	cps
Cadmium	106-1	5643	5310	5043	5332	5.64	cps
Cadmium	108-1	1250	1313	1383	1315	5.07	cps
Calcium	43-1	2532395	2500705	2486948	2506683	0.93	cps
Calcium	44-1	40787443	39956069	41008848	40584120	1.37	cps
Carbon	12-1	9397800	9496331	9532813	9475648	0.74	cps
Carbon	12-2	97557	98179	95754	97163	1.30	cps
Chlorine	35-1	43673206	48258247	51999104	47976852	8.69	cps
Chlorine	35-2	317605	328750	335703	327353	2.79	cps
Chromium	52-2	168722	168373	168676	168590	0.11	cps
Cobalt	59-2	128791	128693	128202	128562	0.25	cps
Copper	63-2	726148	728269	722605	725674	0.39	cps
Dysprosium	156-1	104735	105749	106021	105502	0.64	cps
Dysprosium	156-2	45815	45661	45745	45741	0.17	cps
Erbium	164-1	84402	82212	85257	83957	1.87	cps
Erbium	164-2	36226	36838	35464	36176	1.90	cps
Gadolinium	160-1	92856	95945	95720	94841	1.82	cps
Gadolinium	160-2	47648	47752	47351	47584	0.44	cps
Holmium	165-1	8974810	9069862	8951260	8998644	0.70	cps
Holmium	165-2	4155539	4224235	4285247	4221674	1.54	cps
Indium	115-1	8323447	8337146	8071667	8244087	1.81	cps
Indium	115-2	1147607	1150646	1152514	1150256	0.22	cps
Iron	54-2	6543658	6677610	6709897	6643722	1.33	cps
Iron	56-2	123374383	124439753	121975728	123263288	1.00	cps
Iron	57-2	3161053	3188459	3127438	3158983	0.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN2D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:20:58	DataFile Name :	159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1090	940	1019	7.39	cps
Lead	206-1	4681916	4844504	4606901	4711107	2.58	cps
Lead	207-1	3987471	4153438	3947644	4029518	2.71	cps
Lead	208-1	18258496	18599408	18355292	18404399	0.95	cps
Lithium	6-1	2712239	2668565	2586234	2655679	2.41	cps
Magnesium	24-2	2999868	2993266	2886215	2959783	2.16	cps
Manganese	55-2	2427274	2447812	2461715	2445601	0.71	cps
Molybdenum	94-1	28680	28755	29039	28825	0.66	cps
Molybdenum	95-1	18638	18045	19030	18571	2.67	cps
Molybdenum	96-1	26634	25624	26860	26373	2.50	cps
Molybdenum	97-1	12523	11513	11614	11883	4.68	cps
Molybdenum	98-1	29791	29574	30459	29941	1.54	cps
Neodymium	150-1	180497	182448	179216	180720	0.90	cps
Neodymium	150-2	57138	56850	57222	57070	0.34	cps
Nickel	60-2	93264	93599	91901	92921	0.97	cps
Phosphorus	31-2	14057	13832	15050	14313	4.53	cps
Potassium	39-2	1260961	1235539	1245535	1247345	1.03	cps
Rhodium	103-1	7836749	7756031	7731128	7774636	0.71	cps
Rhodium	103-2	3611476	3528110	3465643	3535077	2.07	cps
Scandium	45-1	6565732	6838244	6567809	6657262	2.35	cps
Scandium	45-2	172374	173299	173273	172982	0.30	cps
Selenium	82-1	536	479	592	536	10.58	cps
Selenium	77-2	257	240	237	244	4.38	cps
Selenium	78-2	232	249	245	242	3.67	cps
Silicon	28-1	11106157	10931981	11449036	11162392	2.36	cps
Silver	107-1	20483	20149	20265	20299	0.84	cps
Silver	109-1	19331	18922	20232	19495	3.44	cps
Sodium	23-2	219533	216077	218739	218116	0.83	cps
Strontium	86-1	1102131	1095849	1100280	1099420	0.29	cps
Strontium	88-1	9327798	9282603	9578100	9396167	1.69	cps
Sulfur	34-1	443915	448996	448116	447009	0.61	cps
Terbium	159-1	9327123	9642483	9465746	9478451	1.67	cps
Terbium	159-2	4201841	4077787	4013625	4097751	2.34	cps
Thallium	203-1	5460	5526	5435	5474	0.87	cps
Thallium	205-1	12832	12465	13341	12879	3.42	cps
Tin	118-1	84293	82542	86280	84372	2.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-21	Instrumnet Name :	P8
Client Sample ID :	MH1FN2D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:20:58	DataFile Name :	159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1053386	1040610	1057531	1050509	0.84	cps
Uranium	238-1	135754	134400	135076	135077	0.50	cps
Vanadium	51-2	219742	216146	220839	218909	1.12	cps
Ytterbium	172-1	23171	22837	23271	23093	0.98	cps
Ytterbium	172-2	12095	12067	12223	12128	0.68	cps
Ytterbium	176-1	14809	15126	15209	15048	1.40	cps
Ytterbium	176-2	13212	13018	13407	13212	1.47	cps
Yttrium	89-1	14771806	15299721	14854814	14975447	1.90	cps
Yttrium	89-2	1412827	1450727	1386117	1416557	2.29	cps
Zinc	66-2	521868	523987	519885	521913	0.39	cps
Zirconium	90-1	48903	49246	49129	49093	0.35	cps
Zirconium	91-1	10763	10487	12014	11088	7.34	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4903-20LX5 Instrumnet Name : P8
 Client Sample ID : MH1FN2L Dilution Factor : 5
 Date & Time Acquired :: 2021-12-03 19:26:56 DataFile Name : 161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	397622	395671	393367	395553	0.54	cps
Antimony	121-1	2742	2417	2692	2617	6.69	cps
Arsenic	75-2	2611	2533	2577	2574	1.50	cps
Barium	135-1	374381	360197	362376	365651	2.09	cps
Barium	137-1	639099	630892	637441	635810	0.68	cps
Beryllium	9-1	1120	1230	1152	1167	4.85	cps
Bismuth	209-1	4810671	4954129	5254373	5006391	4.52	cps
Bismuth	209-2	2797795	2853189	2804103	2818362	1.08	cps
Boron	10-1	1736	1888	1802	1808	4.21	cps
Boron	11-1	8195	8703	8939	8612	4.42	cps
Bromine	81-1	22501	22822	22682	22669	0.71	cps
Cadmium	111-1	4433	4475	4533	4480	1.11	cps
Cadmium	106-1	3509	3292	3659	3487	5.29	cps
Cadmium	108-1	300	358	358	339	9.94	cps
Calcium	43-1	631756	632148	629114	631006	0.26	cps
Calcium	44-1	10498029	10386057	10626501	10503529	1.15	cps
Carbon	12-1	4816176	4920775	4770730	4835894	1.59	cps
Carbon	12-2	47336	47653	46566	47185	1.19	cps
Chlorine	35-1	13908541	14608599	14858981	14458707	3.41	cps
Chlorine	35-2	87390	88177	89316	88294	1.10	cps
Chromium	52-2	43891	43904	43292	43695	0.80	cps
Cobalt	59-2	33132	33135	32527	32932	1.06	cps
Copper	63-2	195849	199216	193157	196074	1.55	cps
Dysprosium	156-1	26644	26001	26368	26338	1.23	cps
Dysprosium	156-2	11692	11558	11295	11515	1.75	cps
Erbium	164-1	21084	21293	21334	21237	0.63	cps
Erbium	164-2	9293	9574	9427	9431	1.49	cps
Gadolinium	160-1	23329	24999	23238	23855	4.16	cps
Gadolinium	160-2	12429	12596	12466	12497	0.70	cps
Holmium	165-1	8849751	8773981	9275249	8966327	3.01	cps
Holmium	165-2	4119335	4058988	4079399	4085908	0.75	cps
Indium	115-1	7893811	8102785	8644636	8213744	4.72	cps
Indium	115-2	1156728	1146543	1156758	1153343	0.51	cps
Iron	54-2	1721729	1735547	1724388	1727221	0.42	cps
Iron	56-2	30925944	30231574	31011463	30722994	1.39	cps
Iron	57-2	744846	748251	758003	750367	0.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN2L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 19:26:56	DataFile Name :	161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	903	860	923	8.16	cps
Lead	206-1	1107694	1138539	1116548	1120927	1.42	cps
Lead	207-1	947146	948839	939358	945114	0.54	cps
Lead	208-1	4595388	4553305	4528824	4559173	0.74	cps
Lithium	6-1	2561747	2650442	2746889	2653026	3.49	cps
Magnesium	24-2	748303	758409	760112	755608	0.84	cps
Manganese	55-2	615283	614671	605194	611716	0.92	cps
Molybdenum	94-1	7185	6718	7194	7033	3.87	cps
Molybdenum	95-1	4659	4543	4476	4559	2.04	cps
Molybdenum	96-1	6193	6410	5818	6140	4.88	cps
Molybdenum	97-1	2659	2884	2759	2767	4.08	cps
Molybdenum	98-1	7069	6518	6377	6655	5.49	cps
Neodymium	150-1	46541	45270	44909	45573	1.88	cps
Neodymium	150-2	14865	14565	14598	14676	1.12	cps
Nickel	60-2	25259	25657	25356	25424	0.82	cps
Phosphorus	31-2	3984	3701	3701	3795	4.31	cps
Potassium	39-2	327919	327392	324537	326616	0.56	cps
Rhodium	103-1	7591840	7671035	7971056	7744644	2.58	cps
Rhodium	103-2	3527393	3530911	3513951	3524085	0.25	cps
Scandium	45-1	6270203	6460247	6675947	6468799	3.14	cps
Scandium	45-2	164069	164076	166894	165013	0.99	cps
Selenium	82-1	23	111	169	101	73.03	cps
Selenium	77-2	80	73	80	78	4.95	cps
Selenium	78-2	104	71	91	89	18.75	cps
Silicon	28-1	2861640	2805539	2765365	2810848	1.72	cps
Silver	107-1	5418	5443	5101	5321	3.58	cps
Silver	109-1	5168	4826	5451	5148	6.08	cps
Sodium	23-2	65255	64158	64058	64490	1.03	cps
Strontium	86-1	283423	279917	279760	281033	0.74	cps
Strontium	88-1	2515460	2516184	2432876	2488173	1.92	cps
Sulfur	34-1	394171	396986	401721	397626	0.96	cps
Terbium	159-1	8924002	9371367	9576173	9290514	3.59	cps
Terbium	159-2	4084995	4100251	4019739	4068328	1.05	cps
Thallium	203-1	1433	1383	1317	1378	4.25	cps
Thallium	205-1	3534	3359	3417	3437	2.59	cps
Tin	118-1	19873	22602	22210	21562	6.84	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN2L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 19:26:56	DataFile Name :	161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	245236	242399	241610	243082	0.78	cps
Uranium	238-1	35701	36211	35977	35963	0.71	cps
Vanadium	51-2	54627	54189	54915	54577	0.67	cps
Ytterbium	172-1	6293	5943	5843	6027	3.92	cps
Ytterbium	172-2	3373	3217	3045	3212	5.11	cps
Ytterbium	176-1	4192	4276	4901	4456	8.69	cps
Ytterbium	176-2	7280	7736	7997	7671	4.73	cps
Yttrium	89-1	13517868	13311968	13810461	13546766	1.85	cps
Yttrium	89-2	1297901	1273862	1280274	1284012	0.97	cps
Zinc	66-2	138173	137871	138524	138189	0.24	cps
Zirconium	90-1	12189	11964	11872	12008	1.36	cps
Zirconium	91-1	2584	2584	2642	2603	1.29	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN2S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:32:51	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1453029	1435804	1433456	1440763	0.74	cps
Antimony	121-1	54083	53589	52476	53383	1.54	cps
Arsenic	75-2	10884	11147	11041	11024	1.20	cps
Barium	135-1	2025037	2002550	2072142	2033243	1.75	cps
Barium	137-1	3398538	3441328	3474950	3438272	1.11	cps
Beryllium	9-1	17008	17065	17191	17088	0.55	cps
Bismuth	209-1	5096824	5067077	5126864	5096922	0.59	cps
Bismuth	209-2	2835995	2815200	2792716	2814637	0.77	cps
Boron	10-1	3898	3758	4182	3946	5.48	cps
Boron	11-1	18402	19509	19565	19159	3.42	cps
Bromine	81-1	31849	32270	32441	32187	0.95	cps
Cadmium	111-1	29449	30278	30443	30057	1.77	cps
Cadmium	106-1	6468	7235	6177	6627	8.25	cps
Cadmium	108-1	2175	2175	2259	2203	2.18	cps
Calcium	43-1	2312617	2390327	2362799	2355248	1.67	cps
Calcium	44-1	36583858	37352504	38053797	37330053	1.97	cps
Carbon	12-1	8501387	8496148	8741877	8579804	1.64	cps
Carbon	12-2	86211	86715	87503	86810	0.75	cps
Chlorine	35-1	44786331	49743277	52817962	49115857	8.25	cps
Chlorine	35-2	320151	335112	341631	332298	3.31	cps
Chromium	52-2	225003	222738	227714	225152	1.11	cps
Cobalt	59-2	439275	435444	437614	437444	0.44	cps
Copper	63-2	781422	777266	785161	781283	0.51	cps
Dysprosium	156-1	96684	98757	100100	98514	1.75	cps
Dysprosium	156-2	42009	42424	41695	42043	0.87	cps
Erbium	164-1	77166	79874	79724	78921	1.93	cps
Erbium	164-2	34224	33967	33512	33901	1.06	cps
Gadolinium	160-1	85340	87186	89752	87426	2.53	cps
Gadolinium	160-2	45749	45190	44364	45101	1.54	cps
Holmium	165-1	8924599	9175042	9364983	9154875	2.41	cps
Holmium	165-2	4276103	4141556	4251740	4223133	1.70	cps
Indium	115-1	8364383	8234988	8368213	8322528	0.91	cps
Indium	115-2	1163012	1155384	1154227	1157541	0.41	cps
Iron	54-2	6205017	6152528	6182686	6180077	0.43	cps
Iron	56-2	112258578	115609303	112525708	113464529	1.64	cps
Iron	57-2	2869031	2933401	2931110	2911181	1.25	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN2S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:32:51	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	973	1080	994	7.76	cps
Lead	206-1	4328184	4486500	4528448	4447711	2.37	cps
Lead	207-1	3727506	3741908	3804036	3757817	1.08	cps
Lead	208-1	17057825	17324739	17450378	17277648	1.16	cps
Lithium	6-1	2588790	2701587	2585577	2625318	2.52	cps
Magnesium	24-2	2686398	2724454	2736855	2715902	0.97	cps
Manganese	55-2	2333224	2363226	2298182	2331544	1.40	cps
Molybdenum	94-1	26928	27052	26367	26782	1.36	cps
Molybdenum	95-1	17578	17303	17587	17489	0.92	cps
Molybdenum	96-1	23671	23971	23370	23671	1.27	cps
Molybdenum	97-1	10771	10454	10546	10590	1.54	cps
Molybdenum	98-1	26067	28213	27127	27136	3.95	cps
Neodymium	150-1	166077	171446	167223	168249	1.68	cps
Neodymium	150-2	54280	54072	53500	53951	0.75	cps
Nickel	60-2	171531	172037	169805	171124	0.68	cps
Phosphorus	31-2	13123	13406	13206	13245	1.10	cps
Potassium	39-2	1117740	1147182	1133417	1132780	1.30	cps
Rhodium	103-1	7849963	7888867	7895371	7878067	0.31	cps
Rhodium	103-2	3611179	3585100	3561733	3586004	0.69	cps
Scandium	45-1	6560469	6708143	6655400	6641337	1.13	cps
Scandium	45-2	172918	171476	171366	171920	0.50	cps
Selenium	82-1	2084	2091	1938	2038	4.25	cps
Selenium	77-2	237	257	313	269	14.79	cps
Selenium	78-2	331	366	352	350	5.04	cps
Silicon	28-1	12997387	12575538	12857643	12810189	1.68	cps
Silver	107-1	116257	117432	118885	117525	1.12	cps
Silver	109-1	112273	109391	110124	110596	1.35	cps
Sodium	23-2	200881	203058	207092	203677	1.55	cps
Strontium	86-1	1019455	1009284	1032521	1020420	1.14	cps
Strontium	88-1	8888973	8956519	8783067	8876186	0.99	cps
Sulfur	34-1	438294	442239	444289	441607	0.69	cps
Terbium	159-1	9496862	9427178	9634940	9519660	1.11	cps
Terbium	159-2	4119321	4102058	4076492	4099290	0.53	cps
Thallium	203-1	45832	46877	48266	46991	2.60	cps
Thallium	205-1	106790	111033	111082	109635	2.25	cps
Tin	118-1	70993	72543	72827	72121	1.37	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-22	Instrumnet Name :	P8
Client Sample ID :	MH1FN2S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:32:51	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	996481	983676	1016136	998765	1.64	cps
Uranium	238-1	121164	125874	124156	123731	1.93	cps
Vanadium	51-2	338106	342960	339487	340184	0.74	cps
Ytterbium	172-1	22186	22954	22895	22678	1.89	cps
Ytterbium	172-2	11917	11133	11844	11631	3.73	cps
Ytterbium	176-1	14675	14842	14750	14756	0.57	cps
Ytterbium	176-2	13084	12612	13034	12910	2.01	cps
Yttrium	89-1	15151304	14994136	14676166	14940535	1.62	cps
Yttrium	89-2	1476231	1430323	1477627	1461394	1.84	cps
Zinc	66-2	520300	507972	510902	513058	1.26	cps
Zirconium	90-1	48536	47682	46487	47568	2.16	cps
Zirconium	91-1	10137	9954	10337	10143	1.89	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141139BL Instrumnet Name : P8
 Client Sample ID : PBS139 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:41:23 DataFile Name : 164CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154	141	132	142	7.50	cps
Antimony	121-1	17	17	42	25	57.73	cps
Arsenic	75-2	7	2	2	4	78.73	cps
Barium	135-1	25	17	75	39	81.12	cps
Barium	137-1	58	83	42	61	34.32	cps
Beryllium	9-1	40	42	52	45	14.40	cps
Bismuth	209-1	4820835	4791811	4737281	4783309	0.89	cps
Bismuth	209-2	2758530	2781632	2678305	2739489	1.98	cps
Boron	10-1	534	508	538	527	3.09	cps
Boron	11-1	2682	2596	2534	2604	2.85	cps
Bromine	81-1	19253	18401	18952	18869	2.29	cps
Cadmium	111-1	296	225	257	259	13.78	cps
Cadmium	106-1	2909	2284	2559	2584	12.13	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Calcium	43-1	212	212	219	215	1.68	cps
Calcium	44-1	18686	18498	18417	18534	0.74	cps
Carbon	12-1	3678516	3604014	3541876	3608136	1.90	cps
Carbon	12-2	35343	35185	36162	35563	1.47	cps
Chlorine	35-1	4567492	4512349	4404602	4494814	1.84	cps
Chlorine	35-2	23995	22526	21950	22824	4.62	cps
Chromium	52-2	947	920	797	888	9.01	cps
Cobalt	59-2	47	43	57	49	14.20	cps
Copper	63-2	650	533	697	627	13.43	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	75	25	58	53	48.24	cps
Erbium	164-2	33	20	37	30	29.40	cps
Gadolinium	160-1	33	75	25	44	60.28	cps
Gadolinium	160-2	60	77	73	70	12.60	cps
Holmium	165-1	8497491	8165309	8239758	8300853	2.10	cps
Holmium	165-2	3955418	3947678	4096559	3999885	2.10	cps
Indium	115-1	7617970	7693189	7576009	7629056	0.78	cps
Indium	115-2	1129286	1138224	1142060	1136523	0.58	cps
Iron	54-2	833	661	628	707	15.59	cps
Iron	56-2	7708	6852	8268	7609	9.37	cps
Iron	57-2	289	367	256	304	18.77	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BL	Instrumnet Name :	P8
Client Sample ID :	PBS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:41:23	DataFile Name :	164CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	807	793	817	806	1.45	cps
Lead	206-1	611	506	633	583	11.70	cps
Lead	207-1	500	606	472	526	13.38	cps
Lead	208-1	2350	2283	2472	2369	4.04	cps
Lithium	6-1	2478227	2430964	2454679	2454623	0.96	cps
Magnesium	24-2	575	633	458	556	16.04	cps
Manganese	55-2	153	160	163	159	3.20	cps
Molybdenum	94-1	208	142	275	208	32.00	cps
Molybdenum	95-1	33	25	17	25	33.32	cps
Molybdenum	96-1	83	183	158	142	36.73	cps
Molybdenum	97-1	25	8	8	14	69.31	cps
Molybdenum	98-1	17	67	42	42	60.00	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	63	60	57	60	5.55	cps
Phosphorus	31-2	125	50	58	78	52.85	cps
Potassium	39-2	15951	15484	15984	15806	1.77	cps
Rhodium	103-1	7283398	7356173	7485791	7375121	1.39	cps
Rhodium	103-2	3490217	3421746	3481623	3464529	1.08	cps
Scandium	45-1	6042841	5727692	5868348	5879627	2.69	cps
Scandium	45-2	161169	159431	162915	161172	1.08	cps
Selenium	82-1	99	53	66	73	32.19	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	58	56	58	57	2.01	cps
Silicon	28-1	535275	528323	528946	530848	0.72	cps
Silver	107-1	133	217	133	161	29.86	cps
Silver	109-1	67	42	58	56	22.91	cps
Sodium	23-2	9587	9428	9287	9434	1.59	cps
Strontium	86-1	1325	1575	1350	1417	9.72	cps
Strontium	88-1	258	275	225	253	10.07	cps
Sulfur	34-1	371630	369179	367381	369397	0.58	cps
Terbium	159-1	8923277	8728861	8938835	8863657	1.32	cps
Terbium	159-2	3960285	3912528	3917583	3930132	0.67	cps
Thallium	203-1	142	108	208	153	33.33	cps
Thallium	205-1	367	325	292	328	11.46	cps
Tin	118-1	383	433	383	400	7.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BL	Instrumnet Name :	P8
Client Sample ID :	PBS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:41:23	DataFile Name :	164CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	225	200	203	10.34	cps
Uranium	238-1	8	17	0	8	100.02	cps
Vanadium	51-2	17	3	23	14	70.51	cps
Ytterbium	172-1	17	33	33	28	34.63	cps
Ytterbium	172-2	0	44	0	15	173.21	cps
Ytterbium	176-1	658	817	717	731	10.96	cps
Ytterbium	176-2	5001	5724	5568	5431	7.00	cps
Yttrium	89-1	12596358	12110859	12500258	12402492	2.07	cps
Yttrium	89-2	1215260	1211385	1213704	1213450	0.16	cps
Zinc	66-2	137	120	120	126	7.67	cps
Zirconium	90-1	808	842	833	828	2.10	cps
Zirconium	91-1	108	175	133	139	24.25	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141139BS Instrumnet Name : P8
 Client Sample ID : LCS139 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:44:27 DataFile Name : 165LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1556	1575	1567	1566	0.60	cps
Antimony	121-1	20825	20800	20391	20672	1.18	cps
Arsenic	75-2	293	306	303	301	2.26	cps
Barium	135-1	26618	25917	26009	26182	1.46	cps
Barium	137-1	45962	47551	46924	46812	1.71	cps
Beryllium	9-1	2626	2470	2598	2564	3.24	cps
Bismuth	209-1	4430568	4895202	4836333	4720701	5.36	cps
Bismuth	209-2	2775888	2753898	2797204	2775663	0.78	cps
Boron	10-1	5136	5724	5690	5517	5.98	cps
Boron	11-1	24932	27636	28326	26965	6.65	cps
Bromine	81-1	19794	19374	19694	19621	1.12	cps
Cadmium	111-1	2670	2905	2854	2810	4.40	cps
Cadmium	106-1	3117	3167	3250	3178	2.12	cps
Cadmium	108-1	221	238	221	226	4.25	cps
Calcium	43-1	20551	20489	20215	20419	0.87	cps
Calcium	44-1	348734	348966	350053	349251	0.20	cps
Carbon	12-1	3569517	3623211	3686390	3626373	1.61	cps
Carbon	12-2	35344	35970	34934	35416	1.47	cps
Chlorine	35-1	3249354	3157359	3137118	3181277	1.88	cps
Chlorine	35-2	17528	17444	16860	17277	2.10	cps
Chromium	52-2	7052	7129	6912	7031	1.56	cps
Cobalt	59-2	5771	5898	5928	5866	1.42	cps
Copper	63-2	9523	9333	9300	9385	1.28	cps
Dysprosium	156-1	0	17	42	19	107.85	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	75	58	58	64	15.06	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	67	33	58	53	32.87	cps
Gadolinium	160-2	73	100	53	76	30.99	cps
Holmium	165-1	8153389	8482713	8507982	8381361	2.36	cps
Holmium	165-2	4025388	3972005	4027365	4008253	0.78	cps
Indium	115-1	7799089	7789318	8078140	7888849	2.08	cps
Indium	115-2	1142777	1139550	1146211	1142846	0.29	cps
Iron	54-2	29703	28200	29119	29008	2.61	cps
Iron	56-2	519589	513539	506835	513321	1.24	cps
Iron	57-2	12839	12773	13434	13015	2.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BS	Instrumnet Name :	P8
Client Sample ID :	LCS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:44:27	DataFile Name :	165LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	807	887	877	857	5.09	cps
Lead	206-1	7341	7163	6946	7150	2.76	cps
Lead	207-1	6074	6285	6513	6291	3.49	cps
Lead	208-1	28763	28702	29764	29076	2.05	cps
Lithium	6-1	2389845	2473845	2468816	2444169	1.93	cps
Magnesium	24-2	112651	110830	111870	111784	0.82	cps
Manganese	55-2	1670	1637	1683	1663	1.45	cps
Molybdenum	94-1	26259	25791	25407	25819	1.65	cps
Molybdenum	95-1	30501	30935	31436	30957	1.51	cps
Molybdenum	96-1	34961	34502	34351	34605	0.92	cps
Molybdenum	97-1	19339	19389	19481	19403	0.37	cps
Molybdenum	98-1	50267	47925	50334	49509	2.77	cps
Neodymium	150-1	13	0	33	16	107.86	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1743	1613	1727	1695	4.17	cps
Phosphorus	31-2	125	42	167	111	57.28	cps
Potassium	39-2	99912	99501	97596	99003	1.25	cps
Rhodium	103-1	7301472	7497892	7484593	7427985	1.48	cps
Rhodium	103-2	3527935	3438023	3597106	3521022	2.27	cps
Scandium	45-1	5897077	6217054	6065156	6059762	2.64	cps
Scandium	45-2	161302	161419	166194	162971	1.71	cps
Selenium	82-1	1128	1010	1079	1073	5.53	cps
Selenium	77-2	30	33	47	37	24.06	cps
Selenium	78-2	150	144	122	139	10.63	cps
Silicon	28-1	621021	617222	616095	618113	0.42	cps
Silver	107-1	12998	13540	13732	13424	2.84	cps
Silver	109-1	12798	12881	13082	12920	1.13	cps
Sodium	23-2	220358	226323	220848	222510	1.49	cps
Strontium	86-1	5901	5718	5851	5824	1.63	cps
Strontium	88-1	35153	37292	36106	36184	2.96	cps
Sulfur	34-1	382140	379580	376862	379527	0.70	cps
Terbium	159-1	8858653	9211184	8784382	8951407	2.55	cps
Terbium	159-2	4022877	4009082	4084594	4038851	1.00	cps
Thallium	203-1	8245	8545	8653	8481	2.50	cps
Thallium	205-1	19499	19966	19849	19771	1.23	cps
Tin	118-1	48194	46237	50110	48181	4.02	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141139BS	Instrumnet Name :	P8
Client Sample ID :	LCS139	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:44:27	DataFile Name :	165LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10221	10579	10421	10407	1.73	cps
Uranium	238-1	23923	24366	24858	24382	1.92	cps
Vanadium	51-2	12542	12662	12542	12582	0.55	cps
Ytterbium	172-1	25	25	8	19	49.50	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	867	600	842	769	19.14	cps
Ytterbium	176-2	5312	5579	5629	5507	3.09	cps
Yttrium	89-1	12048294	12946269	12768690	12587751	3.78	cps
Yttrium	89-2	1251009	1230407	1232101	1237839	0.92	cps
Zinc	66-2	2327	2610	2280	2406	7.42	cps
Zirconium	90-1	22035	22519	23095	22549	2.35	cps
Zirconium	91-1	5259	4868	4759	4962	5.30	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-01	Instrumnet Name :	P8
Client Sample ID :	MH1FJ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:48:07	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1098748	1097445	1088732	1094975	0.50	cps
Antimony	121-1	6468	7260	7127	6952	6.10	cps
Arsenic	75-2	4954	4978	4745	4893	2.62	cps
Barium	135-1	924362	913853	913485	917233	0.67	cps
Barium	137-1	1617379	1610892	1609141	1612471	0.27	cps
Beryllium	9-1	3276	3346	3350	3324	1.25	cps
Bismuth	209-1	4940780	5019975	4885253	4948669	1.37	cps
Bismuth	209-2	2715756	2760974	2769943	2748891	1.06	cps
Boron	10-1	3650	4054	4162	3955	6.82	cps
Boron	11-1	18284	18626	20056	18989	4.95	cps
Bromine	81-1	26613	27335	28669	27539	3.79	cps
Cadmium	111-1	5464	5567	5670	5567	1.85	cps
Cadmium	106-1	4159	3726	4059	3981	5.70	cps
Cadmium	108-1	463	408	363	411	12.18	cps
Calcium	43-1	688214	690089	688378	688894	0.15	cps
Calcium	44-1	11188378	11408261	11305950	11300863	0.97	cps
Carbon	12-1	4651384	4595030	4572969	4606461	0.88	cps
Carbon	12-2	47703	45513	46140	46452	2.43	cps
Chlorine	35-1	23781653	30855805	35929001	30188820	20.21	cps
Chlorine	35-2	259715	278831	294862	277803	6.33	cps
Chromium	52-2	58024	58727	58924	58558	0.81	cps
Cobalt	59-2	78287	77815	76883	77662	0.92	cps
Copper	63-2	221240	222203	218660	220701	0.83	cps
Dysprosium	156-1	78197	77870	75263	77110	2.09	cps
Dysprosium	156-2	34615	34709	33997	34440	1.12	cps
Erbium	164-1	64331	64733	63871	64312	0.67	cps
Erbium	164-2	28407	27956	27946	28103	0.94	cps
Gadolinium	160-1	73922	74324	72096	73447	1.62	cps
Gadolinium	160-2	36858	36710	37787	37118	1.57	cps
Holmium	165-1	8866193	8905389	9118373	8963319	1.51	cps
Holmium	165-2	4174029	4107310	4173808	4151716	0.93	cps
Indium	115-1	8195175	8174832	8209255	8193087	0.21	cps
Indium	115-2	1151657	1179096	1180444	1170399	1.39	cps
Iron	54-2	3874548	3915207	3858764	3882840	0.75	cps
Iron	56-2	69540496	69953320	69833311	69775709	0.30	cps
Iron	57-2	1797824	1779188	1735647	1770886	1.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-01	Instrumnet Name :	P8
Client Sample ID :	MH1FJ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:48:07	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	1050	1030	1023	2.99	cps
Lead	206-1	737435	737590	711143	728723	2.09	cps
Lead	207-1	610750	613412	613021	612394	0.23	cps
Lead	208-1	2835324	2866720	2841865	2847970	0.58	cps
Lithium	6-1	2546744	2507441	2507170	2520451	0.90	cps
Magnesium	24-2	1333245	1340740	1307006	1326997	1.33	cps
Manganese	55-2	1148730	1161495	1149488	1153238	0.62	cps
Molybdenum	94-1	18630	18120	18504	18418	1.44	cps
Molybdenum	95-1	15309	15109	15976	15465	2.94	cps
Molybdenum	96-1	19823	19314	20983	20040	4.27	cps
Molybdenum	97-1	9987	9178	9629	9598	4.22	cps
Molybdenum	98-1	25324	24522	25541	25129	2.13	cps
Neodymium	150-1	131850	135773	132179	133268	1.63	cps
Neodymium	150-2	43708	43123	43015	43282	0.86	cps
Nickel	60-2	52808	51924	51078	51937	1.67	cps
Phosphorus	31-2	7877	8019	7544	7813	3.12	cps
Potassium	39-2	837340	841865	840792	839999	0.28	cps
Rhodium	103-1	7887258	7706601	7656589	7750149	1.57	cps
Rhodium	103-2	3557130	3669411	3576908	3601150	1.66	cps
Scandium	45-1	6516471	6552638	6408277	6492462	1.16	cps
Scandium	45-2	168880	172945	173295	171707	1.43	cps
Selenium	82-1	233	191	245	223	12.78	cps
Selenium	77-2	223	213	163	200	16.07	cps
Selenium	78-2	182	185	189	185	1.89	cps
Silicon	28-1	11450684	10862199	10907705	11073530	2.96	cps
Silver	107-1	8211	7919	7794	7975	2.68	cps
Silver	109-1	7669	7577	7911	7719	2.23	cps
Sodium	23-2	160578	162584	162197	161786	0.66	cps
Strontium	86-1	507012	510765	509806	509195	0.38	cps
Strontium	88-1	4444609	4339525	4381714	4388616	1.20	cps
Sulfur	34-1	380112	374587	379795	378165	0.82	cps
Terbium	159-1	9517714	9842629	9144946	9501763	3.67	cps
Terbium	159-2	4113390	4157187	4162059	4144212	0.65	cps
Thallium	203-1	3767	3984	3942	3898	2.95	cps
Thallium	205-1	9746	9504	9295	9515	2.37	cps
Tin	118-1	57070	58191	57865	57709	1.00	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-01	Instrumnet Name :	P8
Client Sample ID :	MH1FJ2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:48:07	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	207242	205059	202122	204808	1.25	cps
Uranium	238-1	49565	48628	46746	48313	2.97	cps
Vanadium	51-2	152550	152964	148889	151468	1.48	cps
Ytterbium	172-1	17495	17095	17162	17251	1.24	cps
Ytterbium	172-2	9554	9320	9465	9446	1.25	cps
Ytterbium	176-1	11706	11130	11372	11403	2.53	cps
Ytterbium	176-2	10921	12084	11983	11663	5.52	cps
Yttrium	89-1	14562205	14323295	14405234	14430245	0.84	cps
Yttrium	89-2	1384223	1419963	1445744	1416643	2.18	cps
Zinc	66-2	145166	147307	145784	146086	0.75	cps
Zirconium	90-1	25374	25800	25825	25666	0.99	cps
Zirconium	91-1	5443	6244	5918	5868	6.86	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4906-02 Instrumnet Name : P8
 Client Sample ID : MH1FJ3 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 19:51:06 DataFile Name : 167AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	997542	997644	992835	996007	0.28	cps
Antimony	121-1	21768	21417	21534	21573	0.83	cps
Arsenic	75-2	6519	6499	6672	6564	1.44	cps
Barium	135-1	1255770	1257116	1242035	1251640	0.67	cps
Barium	137-1	2233487	2190463	2232924	2218958	1.11	cps
Beryllium	9-1	3724	3644	3704	3690	1.13	cps
Bismuth	209-1	5134017	5086192	5243467	5154559	1.56	cps
Bismuth	209-2	2894124	2850680	2841889	2862231	0.98	cps
Boron	10-1	4806	5168	5194	5056	4.29	cps
Boron	11-1	23342	24311	25481	24378	4.39	cps
Bromine	81-1	30896	31247	31879	31341	1.59	cps
Cadmium	111-1	19289	19850	20600	19913	3.30	cps
Cadmium	106-1	9579	9212	10354	9715	6.00	cps
Cadmium	108-1	5868	5635	5639	5714	2.34	cps
Calcium	43-1	2013383	1963494	1973271	1983382	1.33	cps
Calcium	44-1	31257803	30988591	31290479	31178958	0.53	cps
Carbon	12-1	12404165	12786899	12767076	12652713	1.70	cps
Carbon	12-2	132856	132688	134775	133440	0.87	cps
Chlorine	35-1	39858261	44461566	47891779	44070535	9.15	cps
Chlorine	35-2	304758	318225	328070	317018	3.69	cps
Chromium	52-2	253340	252572	252046	252653	0.26	cps
Cobalt	59-2	84646	83087	82199	83311	1.49	cps
Copper	63-2	910763	912576	909080	910806	0.19	cps
Dysprosium	156-1	65662	63620	63083	64121	2.12	cps
Dysprosium	156-2	28337	28544	28003	28294	0.96	cps
Erbium	164-1	51251	50422	51125	50932	0.88	cps
Erbium	164-2	23498	22272	22623	22797	2.77	cps
Gadolinium	160-1	58780	57466	58647	58298	1.24	cps
Gadolinium	160-2	30268	29202	29900	29790	1.82	cps
Holmium	165-1	9037213	9052606	9338593	9142804	1.86	cps
Holmium	165-2	4102766	4216219	4313804	4210930	2.51	cps
Indium	115-1	8551436	8179733	8904168	8545112	4.24	cps
Indium	115-2	1177183	1163873	1184934	1175330	0.91	cps
Iron	54-2	5979790	5951488	5926468	5952582	0.45	cps
Iron	56-2	108495564	107867736	110110800	108824700	1.06	cps
Iron	57-2	2750061	2683106	2820234	2751134	2.49	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-02	Instrumnet Name :	P8
Client Sample ID :	MH1FJ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:51:06	DataFile Name :	167AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	960	1020	1020	5.88	cps
Lead	206-1	5343556	5223334	5131984	5232958	2.03	cps
Lead	207-1	4546401	4469577	4266474	4427484	3.27	cps
Lead	208-1	20789883	20389178	19655412	20278157	2.84	cps
Lithium	6-1	2622386	2547370	2636795	2602184	1.85	cps
Magnesium	24-2	1769599	1813265	1719193	1767352	2.66	cps
Manganese	55-2	3052715	3090237	3093334	3078762	0.73	cps
Molybdenum	94-1	29808	28238	29900	29315	3.19	cps
Molybdenum	95-1	22769	23003	23212	22995	0.96	cps
Molybdenum	96-1	29757	30593	29348	29900	2.12	cps
Molybdenum	97-1	13682	14466	15017	14388	4.66	cps
Molybdenum	98-1	34803	36349	36474	35875	2.59	cps
Neodymium	150-1	108670	110135	111218	110008	1.16	cps
Neodymium	150-2	35784	35383	36680	35949	1.85	cps
Nickel	60-2	71247	69616	70869	70577	1.21	cps
Phosphorus	31-2	16727	16526	15976	16410	2.37	cps
Potassium	39-2	659122	653060	659536	657240	0.55	cps
Rhodium	103-1	7783502	7911973	8124739	7940071	2.17	cps
Rhodium	103-2	3551459	3586850	3642789	3593699	1.28	cps
Scandium	45-1	6478521	6473440	6976711	6642891	4.35	cps
Scandium	45-2	169277	170378	171893	170516	0.77	cps
Selenium	82-1	419	599	537	518	17.65	cps
Selenium	77-2	133	170	117	140	19.49	cps
Selenium	78-2	212	179	185	192	9.15	cps
Silicon	28-1	13962565	13852819	13679801	13831728	1.03	cps
Silver	107-1	59504	59312	61405	60074	1.93	cps
Silver	109-1	57320	57336	57521	57392	0.19	cps
Sodium	23-2	271141	272437	275345	272974	0.79	cps
Strontium	86-1	987797	985343	975119	982753	0.68	cps
Strontium	88-1	8435290	8405444	8625605	8488780	1.41	cps
Sulfur	34-1	460853	468980	470786	466873	1.13	cps
Terbium	159-1	9804189	9577079	9663335	9681535	1.18	cps
Terbium	159-2	4147789	4161950	4160307	4156682	0.19	cps
Thallium	203-1	3526	3601	3701	3609	2.43	cps
Thallium	205-1	8428	8303	8703	8478	2.42	cps
Tin	118-1	179546	174751	177989	177429	1.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-02	Instrumnet Name :	P8
Client Sample ID :	MH1FJ3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:51:06	DataFile Name :	167AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	396752	396035	409431	400739	1.88	cps
Uranium	238-1	88501	89130	89147	88926	0.41	cps
Vanadium	51-2	153813	153847	152799	153487	0.39	cps
Ytterbium	172-1	15726	15326	14717	15256	3.33	cps
Ytterbium	172-2	7691	8041	8147	7960	3.00	cps
Ytterbium	176-1	10438	9721	10062	10074	3.56	cps
Ytterbium	176-2	10015	10015	10671	10234	3.70	cps
Yttrium	89-1	14309200	14411451	15186731	14635794	3.28	cps
Yttrium	89-2	1375615	1360657	1373492	1369921	0.59	cps
Zinc	66-2	959889	953333	949541	954254	0.55	cps
Zirconium	90-1	44087	46047	45576	45237	2.26	cps
Zirconium	91-1	9946	10012	10488	10148	2.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-03	Instrumnet Name :	P8
Client Sample ID :	MH1FJ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:54:01	DataFile Name :	168AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	924173	920534	924574	923094	0.24	cps
Antimony	121-1	21726	21843	22411	21993	1.66	cps
Arsenic	75-2	8012	8072	8264	8116	1.62	cps
Barium	135-1	1387297	1383450	1368155	1379634	0.73	cps
Barium	137-1	2419701	2376339	2418586	2404875	1.03	cps
Beryllium	9-1	3994	3802	3850	3882	2.57	cps
Bismuth	209-1	5121567	5126571	4934389	5060842	2.16	cps
Bismuth	209-2	2808971	2820502	2885330	2838268	1.45	cps
Boron	10-1	4720	4926	5006	4884	3.02	cps
Boron	11-1	22891	23783	24604	23759	3.60	cps
Bromine	81-1	30816	32250	32943	32003	3.39	cps
Cadmium	111-1	24596	24770	24992	24786	0.80	cps
Cadmium	106-1	6302	6235	5776	6104	4.68	cps
Cadmium	108-1	2059	2271	2104	2145	5.22	cps
Calcium	43-1	2331598	2403707	2364070	2366458	1.53	cps
Calcium	44-1	37822731	38289208	38213562	38108500	0.66	cps
Carbon	12-1	9733364	9755977	9663442	9717594	0.50	cps
Carbon	12-2	100543	100930	99043	100172	1.00	cps
Chlorine	35-1	42274426	47486819	50475094	46745446	8.88	cps
Chlorine	35-2	306020	311728	320008	312585	2.25	cps
Chromium	52-2	137373	136346	137228	136982	0.41	cps
Cobalt	59-2	89238	88946	88154	88779	0.63	cps
Copper	63-2	1249711	1235912	1237961	1241195	0.60	cps
Dysprosium	156-1	59776	59617	59232	59542	0.47	cps
Dysprosium	156-2	26129	26199	26520	26283	0.79	cps
Erbium	164-1	48397	50053	48756	49069	1.78	cps
Erbium	164-2	20790	21781	21564	21378	2.44	cps
Gadolinium	160-1	53425	54989	56714	55042	2.99	cps
Gadolinium	160-2	28594	28814	28360	28590	0.79	cps
Holmium	165-1	9015309	9038697	8540884	8864963	3.17	cps
Holmium	165-2	4176615	4267699	4248969	4231094	1.14	cps
Indium	115-1	8461151	8473405	7964817	8299791	3.50	cps
Indium	115-2	1135909	1169559	1155315	1153594	1.46	cps
Iron	54-2	6511131	6416525	6460562	6462739	0.73	cps
Iron	56-2	118570930	118891405	116809997	118090778	0.95	cps
Iron	57-2	3006874	3069781	3013181	3029946	1.14	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-03	Instrumnet Name :	P8
Client Sample ID :	MH1FJ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:54:01	DataFile Name :	168AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	960	980	958	2.44	cps
Lead	206-1	6352410	6437977	6406898	6399095	0.68	cps
Lead	207-1	5294975	5364648	5366023	5341882	0.76	cps
Lead	208-1	24709273	25070071	25155256	24978200	0.95	cps
Lithium	6-1	2635668	2499741	2460157	2531855	3.64	cps
Magnesium	24-2	1556277	1595161	1557908	1569782	1.40	cps
Manganese	55-2	2947179	2976802	2965743	2963242	0.51	cps
Molybdenum	94-1	22837	22778	22703	22772	0.29	cps
Molybdenum	95-1	19447	19631	18638	19239	2.75	cps
Molybdenum	96-1	25132	24889	25641	25221	1.52	cps
Molybdenum	97-1	12272	11689	12306	12089	2.87	cps
Molybdenum	98-1	29724	30493	30217	30145	1.29	cps
Neodymium	150-1	103437	100890	104160	102829	1.67	cps
Neodymium	150-2	32657	32930	33174	32920	0.79	cps
Nickel	60-2	77707	77557	78381	77882	0.56	cps
Phosphorus	31-2	12672	13223	12723	12873	2.36	cps
Potassium	39-2	487871	492986	487536	489464	0.62	cps
Rhodium	103-1	7980094	7890647	7374214	7748318	4.22	cps
Rhodium	103-2	3467236	3616220	3514703	3532719	2.15	cps
Scandium	45-1	6418508	6555894	6102292	6358898	3.66	cps
Scandium	45-2	164123	168299	168749	167057	1.53	cps
Selenium	82-1	712	697	647	685	4.93	cps
Selenium	77-2	153	133	90	126	25.79	cps
Selenium	78-2	186	191	175	184	4.45	cps
Silicon	28-1	12752510	12589748	12591007	12644422	0.74	cps
Silver	107-1	88904	89793	89667	89455	0.54	cps
Silver	109-1	85944	85331	84015	85097	1.16	cps
Sodium	23-2	192517	189403	191308	191076	0.82	cps
Strontium	86-1	1175758	1187964	1161383	1175035	1.13	cps
Strontium	88-1	9920157	10314905	10087381	10107481	1.96	cps
Sulfur	34-1	438537	445913	443868	442773	0.86	cps
Terbium	159-1	9309571	9370714	9219108	9299798	0.82	cps
Terbium	159-2	4077879	4265529	4012768	4118725	3.19	cps
Thallium	203-1	3884	4343	4259	4162	5.87	cps
Thallium	205-1	10396	10296	9912	10202	2.50	cps
Tin	118-1	278212	281844	283185	281080	0.92	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-03	Instrumnet Name :	P8
Client Sample ID :	MH1FJ4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:54:01	DataFile Name :	168AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	347099	351766	353889	350918	0.99	cps
Uranium	238-1	89457	88024	88123	88535	0.90	cps
Vanadium	51-2	153878	153531	154732	154047	0.40	cps
Ytterbium	172-1	15676	15276	14542	15165	3.79	cps
Ytterbium	172-2	7714	7719	7669	7701	0.36	cps
Ytterbium	176-1	9520	9645	10062	9743	2.91	cps
Ytterbium	176-2	9593	10432	10371	10132	4.62	cps
Yttrium	89-1	14274431	14583881	13901396	14253236	2.40	cps
Yttrium	89-2	1333872	1412705	1361237	1369271	2.92	cps
Zinc	66-2	1159291	1144808	1141632	1148577	0.82	cps
Zirconium	90-1	32004	30735	30484	31074	2.62	cps
Zirconium	91-1	7044	6819	6793	6885	2.00	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-04	Instrumnet Name :	P8
Client Sample ID :	MH1FJ5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:56:55	DataFile Name :	169AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1001750	1001885	991161	998265	0.62	cps
Antimony	121-1	17178	17470	17128	17259	1.07	cps
Arsenic	75-2	8401	8316	8204	8307	1.19	cps
Barium	135-1	1255579	1268555	1264541	1262892	0.53	cps
Barium	137-1	2211547	2233468	2228217	2224411	0.51	cps
Beryllium	9-1	4080	4158	4168	4135	1.17	cps
Bismuth	209-1	5057539	4959328	5126434	5047767	1.66	cps
Bismuth	209-2	2823392	2872048	2760875	2818772	1.98	cps
Boron	10-1	4154	4356	4568	4359	4.75	cps
Boron	11-1	19777	20805	21193	20592	3.55	cps
Bromine	81-1	30063	31116	31508	30896	2.42	cps
Cadmium	111-1	27218	27344	27475	27346	0.47	cps
Cadmium	106-1	6202	6085	5935	6074	2.20	cps
Cadmium	108-1	2175	2092	2050	2106	3.02	cps
Calcium	43-1	2634687	2602633	2590930	2609417	0.87	cps
Calcium	44-1	41952447	41595251	42239965	41929221	0.77	cps
Carbon	12-1	6372581	6350187	6282315	6335028	0.74	cps
Carbon	12-2	65513	64642	63580	64579	1.50	cps
Chlorine	35-1	43169633	47891009	51063442	47374695	8.38	cps
Chlorine	35-2	316444	318677	320204	318442	0.59	cps
Chromium	52-2	64849	64291	64099	64413	0.60	cps
Cobalt	59-2	95690	95055	94833	95193	0.47	cps
Copper	63-2	1011673	1011840	996188	1006567	0.89	cps
Dysprosium	156-1	63912	64925	65251	64696	1.08	cps
Dysprosium	156-2	28965	28858	27842	28555	2.17	cps
Erbium	164-1	53458	53215	55374	54016	2.19	cps
Erbium	164-2	24703	24633	24573	24636	0.26	cps
Gadolinium	160-1	59935	61217	59576	60243	1.43	cps
Gadolinium	160-2	30762	30802	31263	30943	0.90	cps
Holmium	165-1	8901265	8946774	8957862	8935301	0.34	cps
Holmium	165-2	4233508	4281072	4183265	4232615	1.16	cps
Indium	115-1	8300786	8385748	8319009	8335181	0.54	cps
Indium	115-2	1150273	1158156	1158787	1155738	0.41	cps
Iron	54-2	5863783	5808316	5879694	5850598	0.64	cps
Iron	56-2	104637483	106256213	106352838	105748845	0.91	cps
Iron	57-2	2719908	2724248	2696078	2713411	0.56	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-04	Instrumnet Name :	P8
Client Sample ID :	MH1FJ5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:56:55	DataFile Name :	169AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1003	940	977	973	3.27	cps
Lead	206-1	5906673	5739932	5796645	5814417	1.46	cps
Lead	207-1	4823990	4907829	4975811	4902543	1.55	cps
Lead	208-1	22552406	22477820	22891419	22640549	0.97	cps
Lithium	6-1	2526618	2570689	2563594	2553633	0.93	cps
Magnesium	24-2	1537312	1494618	1564727	1532219	2.31	cps
Manganese	55-2	3006883	2956485	3025857	2996408	1.20	cps
Molybdenum	94-1	21759	22736	21910	22135	2.38	cps
Molybdenum	95-1	14725	14883	14975	14861	0.85	cps
Molybdenum	96-1	20082	20482	21050	20538	2.37	cps
Molybdenum	97-1	9470	9453	9295	9406	1.03	cps
Molybdenum	98-1	23320	23320	23353	23331	0.08	cps
Neodymium	150-1	104370	107724	106547	106214	1.60	cps
Neodymium	150-2	34742	33816	34575	34377	1.43	cps
Nickel	60-2	72923	73107	74320	73450	1.03	cps
Phosphorus	31-2	10771	10296	9537	10201	6.10	cps
Potassium	39-2	522329	527075	520881	523428	0.62	cps
Rhodium	103-1	7586432	7911802	7708861	7735698	2.12	cps
Rhodium	103-2	3455561	3559791	3577801	3531051	1.87	cps
Scandium	45-1	6602672	6579388	6513678	6565246	0.70	cps
Scandium	45-2	168229	169692	169266	169062	0.45	cps
Selenium	82-1	291	365	317	324	11.69	cps
Selenium	77-2	143	190	163	166	14.14	cps
Selenium	78-2	137	159	170	155	10.82	cps
Silicon	28-1	10391728	11221116	10959133	10857326	3.90	cps
Silver	107-1	50385	50594	49598	50192	1.05	cps
Silver	109-1	47257	47207	48486	47650	1.52	cps
Sodium	23-2	202990	202449	207076	204172	1.24	cps
Strontium	86-1	1119533	1111684	1130261	1120493	0.83	cps
Strontium	88-1	9462087	9325826	9614174	9467362	1.52	cps
Sulfur	34-1	408343	405610	411841	408598	0.76	cps
Terbium	159-1	9416408	9678603	9466435	9520482	1.46	cps
Terbium	159-2	4089594	4167461	4058864	4105306	1.36	cps
Thallium	203-1	5610	5676	5393	5560	2.67	cps
Thallium	205-1	12740	12640	12265	12548	2.00	cps
Tin	118-1	140358	144214	140123	141565	1.62	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-04	Instrumnet Name :	P8
Client Sample ID :	MH1FJ5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:56:55	DataFile Name :	169AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333660	329961	332685	332102	0.58	cps
Uranium	238-1	58603	58118	57607	58109	0.86	cps
Vanadium	51-2	146411	150014	149007	148477	1.25	cps
Ytterbium	172-1	16486	16436	16169	16363	1.04	cps
Ytterbium	172-2	8175	8686	8253	8371	3.29	cps
Ytterbium	176-1	10730	10471	10421	10541	1.57	cps
Ytterbium	176-2	10515	10376	11055	10649	3.36	cps
Yttrium	89-1	14338952	14440875	14693189	14491005	1.26	cps
Yttrium	89-2	1354375	1365043	1403628	1374349	1.89	cps
Zinc	66-2	939887	933220	934987	936031	0.37	cps
Zirconium	90-1	36983	36949	37912	37281	1.46	cps
Zirconium	91-1	8002	8461	8386	8283	2.97	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-05	Instrumnet Name :	P8
Client Sample ID :	MH1FJ6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:59:51	DataFile Name :	170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	982377	973767	969570	975238	0.67	cps
Antimony	121-1	12965	13165	13365	13165	1.52	cps
Arsenic	75-2	7423	7222	7247	7297	1.50	cps
Barium	135-1	973434	975200	990766	979800	0.97	cps
Barium	137-1	1706458	1753289	1756649	1738799	1.61	cps
Beryllium	9-1	3334	3316	3324	3324	0.27	cps
Bismuth	209-1	5089612	4995935	4955106	5013551	1.38	cps
Bismuth	209-2	2861778	2691669	2794574	2782673	3.08	cps
Boron	10-1	3234	3358	3470	3354	3.52	cps
Boron	11-1	15681	16046	16536	16088	2.67	cps
Bromine	81-1	28428	29331	29151	28970	1.65	cps
Cadmium	111-1	16270	16196	16080	16182	0.59	cps
Cadmium	106-1	4976	4709	5151	4945	4.50	cps
Cadmium	108-1	1304	1121	1279	1235	8.05	cps
Calcium	43-1	1758223	1786425	1812067	1785572	1.51	cps
Calcium	44-1	28578791	28752137	29284794	28871907	1.27	cps
Carbon	12-1	5052143	5216692	5266067	5178301	2.16	cps
Carbon	12-2	52871	52611	53180	52887	0.54	cps
Chlorine	35-1	42429709	47093941	51194790	46906147	9.35	cps
Chlorine	35-2	318432	324448	335103	325994	2.59	cps
Chromium	52-2	61964	62047	61247	61753	0.71	cps
Cobalt	59-2	77727	77014	78009	77584	0.66	cps
Copper	63-2	544473	544408	538020	542300	0.68	cps
Dysprosium	156-1	71936	74090	71710	72579	1.81	cps
Dysprosium	156-2	32469	31554	32099	32041	1.44	cps
Erbium	164-1	59996	60572	62256	60941	1.93	cps
Erbium	164-2	26617	26867	26510	26665	0.69	cps
Gadolinium	160-1	66735	68083	66357	67058	1.35	cps
Gadolinium	160-2	34598	34090	34538	34409	0.81	cps
Holmium	165-1	9059389	9032710	9085888	9059329	0.29	cps
Holmium	165-2	4137326	4074634	4186553	4132838	1.36	cps
Indium	115-1	8191189	8293068	8113936	8199398	1.10	cps
Indium	115-2	1139229	1148376	1147180	1144928	0.43	cps
Iron	54-2	4514869	4447765	4558281	4506971	1.24	cps
Iron	56-2	83469388	81981269	82379010	82609889	0.93	cps
Iron	57-2	2136979	2090724	2088302	2105335	1.30	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-05	Instrumnet Name :	P8
Client Sample ID :	MH1FJ6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:59:51	DataFile Name :	170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	863	977	963	9.76	cps
Lead	206-1	2914269	2849349	2846071	2869896	1.34	cps
Lead	207-1	2397183	2434290	2371378	2400950	1.32	cps
Lead	208-1	11126802	11138354	11040580	11101912	0.48	cps
Lithium	6-1	2584847	2462400	2531062	2526103	2.43	cps
Magnesium	24-2	1514599	1467688	1440968	1474418	2.53	cps
Manganese	55-2	1877591	1861293	1906717	1881867	1.22	cps
Molybdenum	94-1	21977	21008	22594	21860	3.66	cps
Molybdenum	95-1	15467	15626	15734	15609	0.86	cps
Molybdenum	96-1	20649	21843	20733	21075	3.16	cps
Molybdenum	97-1	9570	9537	9478	9529	0.49	cps
Molybdenum	98-1	25382	23946	24581	24636	2.92	cps
Neodymium	150-1	121840	121633	120107	121193	0.78	cps
Neodymium	150-2	38826	38910	37716	38484	1.73	cps
Nickel	60-2	60454	60639	59203	60099	1.30	cps
Phosphorus	31-2	8703	8478	8778	8653	1.81	cps
Potassium	39-2	618596	616828	606252	613892	1.09	cps
Rhodium	103-1	7810186	7931416	7646559	7796054	1.83	cps
Rhodium	103-2	3427347	3544773	3543950	3505357	1.93	cps
Scandium	45-1	6536329	6359885	6408782	6434999	1.42	cps
Scandium	45-2	165448	165993	163596	165013	0.76	cps
Selenium	82-1	215	382	353	317	28.12	cps
Selenium	77-2	153	170	140	154	9.73	cps
Selenium	78-2	153	168	165	162	4.90	cps
Silicon	28-1	11529404	11416912	11906745	11617687	2.21	cps
Silver	107-1	26451	26743	27436	26877	1.88	cps
Silver	109-1	25574	25783	26034	25797	0.89	cps
Sodium	23-2	189978	191280	188854	190037	0.64	cps
Strontium	86-1	780371	806000	790899	792424	1.63	cps
Strontium	88-1	6895514	6806980	6836842	6846445	0.66	cps
Sulfur	34-1	412056	415766	420199	416007	0.98	cps
Terbium	159-1	9696590	9410895	9162499	9423328	2.84	cps
Terbium	159-2	4020450	4112441	4117022	4083304	1.33	cps
Thallium	203-1	4793	4851	4584	4743	2.96	cps
Thallium	205-1	11297	11130	11447	11291	1.40	cps
Tin	118-1	76783	77487	77244	77171	0.46	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-05	Instrumnet Name :	P8
Client Sample ID :	MH1FJ6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 19:59:51	DataFile Name :	170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	266529	271808	269949	269429	0.99	cps
Uranium	238-1	56426	55590	56938	56318	1.21	cps
Vanadium	51-2	146016	145090	144498	145201	0.53	cps
Ytterbium	172-1	17228	17520	17929	17559	2.01	cps
Ytterbium	172-2	8920	9381	9070	9124	2.58	cps
Ytterbium	176-1	11072	11072	11213	11119	0.74	cps
Ytterbium	176-2	10604	11088	10738	10810	2.31	cps
Yttrium	89-1	14701527	14481680	14265664	14482957	1.50	cps
Yttrium	89-2	1357931	1372387	1379393	1369904	0.80	cps
Zinc	66-2	402001	397020	390937	396653	1.40	cps
Zirconium	90-1	38504	37443	38371	38106	1.52	cps
Zirconium	91-1	8970	8620	8786	8792	1.99	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4906-06 Instrumnet Name : P8
 Client Sample ID : MH1FJ7 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 20:02:45 DataFile Name : 171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	938381	940125	925650	934719	0.85	cps
Antimony	121-1	20099	19790	19915	19934	0.78	cps
Arsenic	75-2	4867	4796	4731	4798	1.42	cps
Barium	135-1	966031	986887	993766	982228	1.47	cps
Barium	137-1	1671635	1729861	1747302	1716266	2.31	cps
Beryllium	9-1	3228	3388	3192	3269	3.19	cps
Bismuth	209-1	5059611	5115567	5037252	5070810	0.80	cps
Bismuth	209-2	2781119	2910879	2832901	2841633	2.30	cps
Boron	10-1	3952	4176	4336	4154	4.64	cps
Boron	11-1	19489	20478	21113	20360	4.02	cps
Bromine	81-1	27576	27375	30665	28539	6.46	cps
Cadmium	111-1	19666	19147	20196	19669	2.67	cps
Cadmium	106-1	5393	5360	5743	5498	3.86	cps
Cadmium	108-1	1650	1821	1617	1696	6.46	cps
Calcium	43-1	1661706	1649320	1699052	1670026	1.55	cps
Calcium	44-1	26345284	26295771	26280512	26307189	0.13	cps
Carbon	12-1	12676444	12840455	13323420	12946773	2.60	cps
Carbon	12-2	132799	132579	130889	132089	0.79	cps
Chlorine	35-1	47728029	52369905	53909667	51335867	6.27	cps
Chlorine	35-2	322116	325808	327346	325090	0.83	cps
Chromium	52-2	210243	211002	208311	209852	0.66	cps
Cobalt	59-2	74544	75687	72795	74342	1.96	cps
Copper	63-2	677634	689137	673418	680063	1.20	cps
Dysprosium	156-1	56261	54186	56788	55745	2.47	cps
Dysprosium	156-2	24586	24683	24416	24562	0.55	cps
Erbium	164-1	48322	47552	46967	47614	1.43	cps
Erbium	164-2	20439	20382	19745	20189	1.91	cps
Gadolinium	160-1	50765	52914	52145	51941	2.10	cps
Gadolinium	160-2	26881	26874	26911	26888	0.07	cps
Holmium	165-1	8970994	9284890	8963506	9073130	2.02	cps
Holmium	165-2	4185519	4239511	4198412	4207814	0.67	cps
Indium	115-1	8427840	8676062	8109785	8404562	3.38	cps
Indium	115-2	1162725	1166219	1149988	1159644	0.74	cps
Iron	54-2	4870846	4930074	4814195	4871705	1.19	cps
Iron	56-2	89934463	89143033	88809402	89295633	0.65	cps
Iron	57-2	2310687	2242286	2282094	2278356	1.51	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-06	Instrumnet Name :	P8
Client Sample ID :	MH1FJ7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:02:45	DataFile Name :	171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	1017	1030	994	5.08	cps
Lead	206-1	4050242	4032735	4021011	4034662	0.36	cps
Lead	207-1	3394549	3447697	3451764	3431337	0.93	cps
Lead	208-1	15760310	15925513	15776652	15820825	0.58	cps
Lithium	6-1	2512845	2680574	2575811	2589744	3.27	cps
Magnesium	24-2	1740392	1715277	1736690	1730786	0.78	cps
Manganese	55-2	2311358	2354694	2281594	2315882	1.59	cps
Molybdenum	94-1	23287	23136	23379	23267	0.53	cps
Molybdenum	95-1	16560	15301	15834	15898	3.98	cps
Molybdenum	96-1	21208	21534	21417	21386	0.77	cps
Molybdenum	97-1	9270	9779	10004	9684	3.88	cps
Molybdenum	98-1	24564	25992	25466	25340	2.85	cps
Neodymium	150-1	93747	96323	96526	95532	1.62	cps
Neodymium	150-2	31176	30448	29943	30523	2.03	cps
Nickel	60-2	56067	55722	56368	56052	0.58	cps
Phosphorus	31-2	16919	15617	15358	15965	5.24	cps
Potassium	39-2	468833	470585	464589	468002	0.66	cps
Rhodium	103-1	8112535	7967582	7785744	7955287	2.06	cps
Rhodium	103-2	3633845	3571325	3491810	3565660	2.00	cps
Scandium	45-1	6362720	6416698	6403870	6394429	0.44	cps
Scandium	45-2	171477	168097	166678	168751	1.46	cps
Selenium	82-1	439	364	387	397	9.74	cps
Selenium	77-2	127	123	170	140	18.59	cps
Selenium	78-2	143	139	144	142	1.86	cps
Silicon	28-1	11073623	11654139	11571236	11432999	2.75	cps
Silver	107-1	34970	35246	36065	35427	1.61	cps
Silver	109-1	35129	33909	34644	34561	1.78	cps
Sodium	23-2	151592	149747	150547	150629	0.61	cps
Strontium	86-1	971668	991240	994689	985865	1.26	cps
Strontium	88-1	8250399	8282529	8406381	8313103	0.99	cps
Sulfur	34-1	445827	441547	443558	443644	0.48	cps
Terbium	159-1	9619908	9802810	9490968	9637896	1.63	cps
Terbium	159-2	4140927	4147095	4102478	4130167	0.59	cps
Thallium	203-1	3151	3175	3209	3178	0.92	cps
Thallium	205-1	6985	7686	7644	7438	5.28	cps
Tin	118-1	129251	129627	129392	129423	0.15	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-06	Instrumnet Name :	P8
Client Sample ID :	MH1FJ7	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:02:45	DataFile Name :	171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	380070	386596	383095	383254	0.85	cps
Uranium	238-1	87786	87351	87267	87468	0.32	cps
Vanadium	51-2	127798	127525	126386	127236	0.59	cps
Ytterbium	172-1	13916	14450	13324	13897	4.05	cps
Ytterbium	172-2	7330	7436	7130	7298	2.13	cps
Ytterbium	176-1	9712	8837	9329	9292	4.72	cps
Ytterbium	176-2	9643	10243	9904	9930	3.03	cps
Yttrium	89-1	14140914	14379215	14340433	14286854	0.89	cps
Yttrium	89-2	1353260	1358368	1340462	1350697	0.68	cps
Zinc	66-2	1259597	1255875	1259326	1258266	0.16	cps
Zirconium	90-1	37092	40878	39959	39310	5.02	cps
Zirconium	91-1	8620	8953	8703	8759	1.98	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-07	Instrumnet Name :	P8
Client Sample ID :	MH1FJ8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:05:41	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1035858	1028960	1029420	1031413	0.37	cps
Antimony	121-1	21993	21843	22102	21979	0.59	cps
Arsenic	75-2	5629	5687	5780	5698	1.34	cps
Barium	135-1	1177641	1202762	1179164	1186522	1.19	cps
Barium	137-1	2036923	2109090	2037294	2061102	2.02	cps
Beryllium	9-1	4046	4114	4052	4070	0.93	cps
Bismuth	209-1	4855780	5021362	4933118	4936754	1.68	cps
Bismuth	209-2	2798721	2786934	2838735	2808130	0.97	cps
Boron	10-1	4200	4174	4450	4274	3.57	cps
Boron	11-1	20202	21015	20600	20606	1.97	cps
Bromine	81-1	28649	29392	29070	29037	1.28	cps
Cadmium	111-1	22552	23669	22997	23073	2.44	cps
Cadmium	106-1	6010	5768	5668	5815	3.02	cps
Cadmium	108-1	1979	1888	2171	2013	7.18	cps
Calcium	43-1	1664901	1638868	1642584	1648784	0.85	cps
Calcium	44-1	27366741	26153563	26705174	26741826	2.27	cps
Carbon	12-1	10170915	10151393	10509716	10277341	1.96	cps
Carbon	12-2	105882	106149	106494	106175	0.29	cps
Chlorine	35-1	43220172	48163903	50649884	47344653	7.99	cps
Chlorine	35-2	314456	322614	327165	321411	2.00	cps
Chromium	52-2	202342	199634	203045	201673	0.89	cps
Cobalt	59-2	84654	83929	83644	84075	0.62	cps
Copper	63-2	834170	828355	833512	832013	0.38	cps
Dysprosium	156-1	64868	65101	65101	65023	0.21	cps
Dysprosium	156-2	27388	28197	28671	28085	2.31	cps
Erbium	164-1	54362	54162	53082	53868	1.28	cps
Erbium	164-2	23271	22983	22893	23049	0.86	cps
Gadolinium	160-1	58747	59291	60781	59606	1.77	cps
Gadolinium	160-2	31230	30532	29987	30583	2.04	cps
Holmium	165-1	8747682	9033777	9015418	8932292	1.79	cps
Holmium	165-2	4092422	4102951	4360482	4185285	3.63	cps
Indium	115-1	7997197	8487123	8376618	8286979	3.10	cps
Indium	115-2	1157297	1157232	1185692	1166740	1.41	cps
Iron	54-2	5343775	5305085	5277503	5308788	0.63	cps
Iron	56-2	97436852	99724674	95643174	97601567	2.10	cps
Iron	57-2	2483917	2511778	2473871	2489855	0.79	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-07	Instrumnet Name :	P8
Client Sample ID :	MH1FJ8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:05:41	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1170	997	917	1028	12.60	cps
Lead	206-1	5475463	5554213	5594413	5541363	1.09	cps
Lead	207-1	4610808	4738933	4760939	4703560	1.72	cps
Lead	208-1	21785224	21870718	21875856	21843933	0.23	cps
Lithium	6-1	2552294	2642283	2554830	2583136	1.98	cps
Magnesium	24-2	1783343	1771808	1734829	1763327	1.44	cps
Manganese	55-2	2529255	2519949	2466486	2505230	1.35	cps
Molybdenum	94-1	24055	23454	24305	23938	1.83	cps
Molybdenum	95-1	18271	17920	16811	17667	4.31	cps
Molybdenum	96-1	22711	23529	24113	23451	3.00	cps
Molybdenum	97-1	10971	10596	11113	10894	2.45	cps
Molybdenum	98-1	28781	27403	27787	27990	2.54	cps
Neodymium	150-1	112012	109140	107930	109694	1.91	cps
Neodymium	150-2	35076	35440	34772	35096	0.95	cps
Nickel	60-2	77017	76943	77074	77011	0.09	cps
Phosphorus	31-2	13999	13682	13615	13765	1.49	cps
Potassium	39-2	490666	489366	492336	490789	0.30	cps
Rhodium	103-1	7303320	7716340	7760276	7593312	3.32	cps
Rhodium	103-2	3503939	3629837	3560631	3564802	1.77	cps
Scandium	45-1	6196592	6483854	6492654	6391033	2.64	cps
Scandium	45-2	165727	166513	171144	167795	1.74	cps
Selenium	82-1	231	455	526	404	38.17	cps
Selenium	77-2	127	150	130	136	9.31	cps
Selenium	78-2	163	159	174	165	4.70	cps
Silicon	28-1	11337323	11697828	11625579	11553577	1.65	cps
Silver	107-1	48620	48344	47474	48146	1.24	cps
Silver	109-1	44891	45644	45342	45292	0.84	cps
Sodium	23-2	150027	147652	147096	148258	1.05	cps
Strontium	86-1	939176	927180	928976	931777	0.69	cps
Strontium	88-1	7974261	8085952	8076223	8045479	0.77	cps
Sulfur	34-1	433772	430126	431282	431727	0.43	cps
Terbium	159-1	8990295	9717733	9732475	9480167	4.48	cps
Terbium	159-2	4137150	4096218	4275657	4169675	2.26	cps
Thallium	203-1	3884	4217	4101	4067	4.16	cps
Thallium	205-1	8978	9462	9170	9204	2.65	cps
Tin	118-1	151678	150752	150986	151139	0.32	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-07	Instrumnet Name :	P8
Client Sample ID :	MH1FJ8	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:05:41	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	378581	378190	419637	392136	6.07	cps
Uranium	238-1	87552	86882	87268	87234	0.39	cps
Vanadium	51-2	142731	140640	141179	141517	0.77	cps
Ytterbium	172-1	15610	16060	15301	15657	2.44	cps
Ytterbium	172-2	8508	8353	8292	8384	1.33	cps
Ytterbium	176-1	10705	10379	10396	10493	1.75	cps
Ytterbium	176-2	10165	10460	10549	10391	1.93	cps
Yttrium	89-1	13563410	14554310	14431089	14182936	3.81	cps
Yttrium	89-2	1341629	1431249	1365943	1379607	3.36	cps
Zinc	66-2	1328680	1340902	1339050	1336211	0.49	cps
Zirconium	90-1	37927	37704	37979	37870	0.39	cps
Zirconium	91-1	7994	8444	8044	8161	3.02	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4906-08 Instrumnet Name : P8
 Client Sample ID : MH1FJ9 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 20:08:35 DataFile Name : 173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1026425	1026784	1017889	1023699	0.49	cps
Antimony	121-1	17887	19055	18688	18544	3.22	cps
Arsenic	75-2	5874	5868	5736	5826	1.34	cps
Barium	135-1	1108730	1109132	1118232	1112031	0.48	cps
Barium	137-1	1919136	1890164	1923976	1911092	0.96	cps
Beryllium	9-1	4136	4046	3952	4044	2.28	cps
Bismuth	209-1	5031428	5086798	5050054	5056093	0.56	cps
Bismuth	209-2	2825529	2800673	2814865	2813689	0.44	cps
Boron	10-1	3326	3484	3472	3427	2.57	cps
Boron	11-1	15847	16046	16980	16291	3.71	cps
Bromine	81-1	27806	29912	28960	28893	3.65	cps
Cadmium	111-1	21955	21714	21918	21863	0.59	cps
Cadmium	106-1	5843	5418	5426	5562	4.37	cps
Cadmium	108-1	1550	1792	1788	1710	8.09	cps
Calcium	43-1	1152905	1163680	1156152	1157579	0.48	cps
Calcium	44-1	18569265	18360128	18601418	18510270	0.71	cps
Carbon	12-1	6741560	6856026	6641517	6746367	1.59	cps
Carbon	12-2	70754	72990	70537	71427	1.90	cps
Chlorine	35-1	43798540	49426899	52995681	48740373	9.51	cps
Chlorine	35-2	322118	324358	332132	326203	1.61	cps
Chromium	52-2	137127	135087	135428	135881	0.80	cps
Cobalt	59-2	81981	80473	78170	80208	2.39	cps
Copper	63-2	784876	788169	779670	784238	0.55	cps
Dysprosium	156-1	68795	68652	66466	67971	1.92	cps
Dysprosium	156-2	29660	29616	29212	29496	0.84	cps
Erbium	164-1	56011	56237	57475	56574	1.39	cps
Erbium	164-2	25144	24469	24149	24587	2.07	cps
Gadolinium	160-1	62900	62615	59877	61797	2.70	cps
Gadolinium	160-2	31691	31988	31186	31622	1.28	cps
Holmium	165-1	8942614	9006103	9129226	9025981	1.05	cps
Holmium	165-2	4171850	4297641	4140522	4203338	1.98	cps
Indium	115-1	8463457	8366767	8236272	8355499	1.36	cps
Indium	115-2	1162727	1160982	1152124	1158611	0.49	cps
Iron	54-2	4849396	4815059	4811602	4825352	0.43	cps
Iron	56-2	89648488	87319821	88686163	88551491	1.32	cps
Iron	57-2	2301909	2257747	2252618	2270758	1.19	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-08	Instrumnet Name :	P8
Client Sample ID :	MH1FJ9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:08:35	DataFile Name :	173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	917	890	946	7.86	cps
Lead	206-1	4869920	4928302	4942868	4913696	0.79	cps
Lead	207-1	4014330	4213110	4221264	4149568	2.82	cps
Lead	208-1	19166628	19370880	19692206	19409905	1.37	cps
Lithium	6-1	2681669	2604149	2568758	2618192	2.21	cps
Magnesium	24-2	1416008	1409814	1402677	1409500	0.47	cps
Manganese	55-2	2240817	2205119	2206139	2217358	0.92	cps
Molybdenum	94-1	20324	21100	21309	20911	2.48	cps
Molybdenum	95-1	14842	14608	14900	14783	1.05	cps
Molybdenum	96-1	20608	21150	20724	20827	1.37	cps
Molybdenum	97-1	9370	9103	9562	9345	2.47	cps
Molybdenum	98-1	22377	23529	24739	23548	5.02	cps
Neodymium	150-1	107777	110190	111796	109921	1.84	cps
Neodymium	150-2	36075	35116	36038	35743	1.52	cps
Nickel	60-2	75928	75150	73823	74967	1.42	cps
Phosphorus	31-2	10713	10596	11196	10835	2.94	cps
Potassium	39-2	490963	493255	496417	493545	0.55	cps
Rhodium	103-1	7773746	7873274	7859120	7835380	0.69	cps
Rhodium	103-2	3565934	3566162	3517434	3549843	0.79	cps
Scandium	45-1	6542084	6348770	6481033	6457296	1.53	cps
Scandium	45-2	165434	166342	166324	166033	0.31	cps
Selenium	82-1	233	408	381	341	27.60	cps
Selenium	77-2	150	180	203	178	15.04	cps
Selenium	78-2	169	167	151	162	6.08	cps
Silicon	28-1	10452343	10550156	11509042	10837181	5.39	cps
Silver	107-1	39549	40636	40318	40168	1.39	cps
Silver	109-1	38480	38939	39984	39134	1.97	cps
Sodium	23-2	126833	131272	126776	128294	2.01	cps
Strontium	86-1	649114	674111	659850	661025	1.90	cps
Strontium	88-1	5727082	5832051	5588783	5715972	2.13	cps
Sulfur	34-1	396194	397395	395366	396318	0.26	cps
Terbium	159-1	9988396	9714269	9560234	9754300	2.22	cps
Terbium	159-2	4167260	4134778	4027877	4109972	1.77	cps
Thallium	203-1	4693	4884	4493	4690	4.18	cps
Thallium	205-1	10538	10638	10838	10671	1.43	cps
Tin	118-1	135652	136554	137042	136416	0.52	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-08	Instrumnet Name :	P8
Client Sample ID :	MH1FJ9	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:08:35	DataFile Name :	173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	353816	346179	351902	350632	1.13	cps
Uranium	238-1	80909	79549	83224	81227	2.29	cps
Vanadium	51-2	134825	133808	132405	133680	0.91	cps
Ytterbium	172-1	16069	16778	16294	16380	2.21	cps
Ytterbium	172-2	8625	9092	8497	8738	3.58	cps
Ytterbium	176-1	10705	10905	10955	10855	1.22	cps
Ytterbium	176-2	10966	10721	10588	10758	1.78	cps
Yttrium	89-1	14503982	14764190	14005621	14424598	2.67	cps
Yttrium	89-2	1383857	1344544	1333291	1353897	1.96	cps
Zinc	66-2	1105394	1100597	1075973	1093988	1.44	cps
Zirconium	90-1	34335	35404	33600	34446	2.63	cps
Zirconium	91-1	7511	7686	7694	7630	1.36	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-09	Instrumnet Name :	P8
Client Sample ID :	MH1FK0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:11:33	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	922612	923108	903001	916240	1.25	cps
Antimony	121-1	10229	10254	10696	10393	2.53	cps
Arsenic	75-2	4563	4476	4334	4458	2.59	cps
Barium	135-1	679134	653027	663673	665278	1.97	cps
Barium	137-1	1180203	1170201	1196251	1182218	1.11	cps
Beryllium	9-1	2836	2756	2856	2816	1.88	cps
Bismuth	209-1	5102551	4836177	4852360	4930363	3.03	cps
Bismuth	209-2	2766809	2905715	2710612	2794378	3.59	cps
Boron	10-1	1974	1988	2026	1996	1.35	cps
Boron	11-1	9553	9429	9911	9631	2.60	cps
Bromine	81-1	26272	26232	28388	26964	4.57	cps
Cadmium	111-1	9116	9248	9235	9200	0.79	cps
Cadmium	106-1	4534	4409	4034	4326	6.02	cps
Cadmium	108-1	725	833	746	768	7.48	cps
Calcium	43-1	494034	502289	501864	499396	0.93	cps
Calcium	44-1	8051676	8071617	8190767	8104687	0.93	cps
Carbon	12-1	5117600	5130534	5177444	5141859	0.61	cps
Carbon	12-2	51441	52770	52051	52088	1.28	cps
Chlorine	35-1	49065485	52928020	55138672	52377392	5.87	cps
Chlorine	35-2	330340	342419	344624	339128	2.27	cps
Chromium	52-2	70081	70831	68573	69828	1.65	cps
Cobalt	59-2	65359	64572	64920	64951	0.61	cps
Copper	63-2	325988	324604	323513	324702	0.38	cps
Dysprosium	156-1	66223	69632	68309	68055	2.53	cps
Dysprosium	156-2	29927	29529	29376	29611	0.96	cps
Erbium	164-1	56077	57082	55734	56298	1.24	cps
Erbium	164-2	24332	24807	24209	24449	1.29	cps
Gadolinium	160-1	64339	62749	63871	63653	1.28	cps
Gadolinium	160-2	31641	32085	31661	31796	0.79	cps
Holmium	165-1	9189368	8701739	8599163	8830090	3.57	cps
Holmium	165-2	4303386	4233656	3998050	4178364	3.83	cps
Indium	115-1	8161807	8101835	7811109	8024917	2.34	cps
Indium	115-2	1160792	1164301	1136950	1154014	1.29	cps
Iron	54-2	3459342	3534178	3542422	3511981	1.30	cps
Iron	56-2	65782757	64238072	63887692	64636174	1.56	cps
Iron	57-2	1649993	1656178	1662441	1656204	0.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-09	Instrumnet Name :	P8
Client Sample ID :	MH1FK0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:11:33	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	973	963	963	1.04	cps
Lead	206-1	1679669	1667073	1542437	1629726	4.65	cps
Lead	207-1	1273798	1316520	1317334	1302551	1.91	cps
Lead	208-1	6471037	6495123	6343776	6436645	1.26	cps
Lithium	6-1	2660030	2513847	2495682	2556520	3.52	cps
Magnesium	24-2	1163537	1138677	1129469	1143894	1.54	cps
Manganese	55-2	1157806	1140301	1136519	1144875	0.99	cps
Molybdenum	94-1	17127	17987	17503	17539	2.46	cps
Molybdenum	95-1	12765	12948	13140	12951	1.45	cps
Molybdenum	96-1	17311	17779	16978	17356	2.32	cps
Molybdenum	97-1	7919	8419	7536	7958	5.57	cps
Molybdenum	98-1	20499	20791	20524	20605	0.78	cps
Neodymium	150-1	113981	119327	114723	116010	2.50	cps
Neodymium	150-2	37161	36430	36249	36613	1.32	cps
Nickel	60-2	79186	78160	79246	78864	0.77	cps
Phosphorus	31-2	6635	6577	6735	6649	1.21	cps
Potassium	39-2	573491	571077	561748	568772	1.09	cps
Rhodium	103-1	7777923	7565807	7558002	7633911	1.63	cps
Rhodium	103-2	3556780	3616465	3446337	3539861	2.44	cps
Scandium	45-1	6338441	6349331	6046911	6244894	2.75	cps
Scandium	45-2	168467	167745	162631	166281	1.91	cps
Selenium	82-1	282	242	283	269	8.66	cps
Selenium	77-2	207	110	117	144	37.38	cps
Selenium	78-2	168	169	148	162	7.33	cps
Silicon	28-1	11302742	11475020	11014476	11264079	2.07	cps
Silver	107-1	14458	14366	14700	14508	1.19	cps
Silver	109-1	13632	13290	13599	13507	1.40	cps
Sodium	23-2	88644	90516	91051	90070	1.40	cps
Strontium	86-1	340968	349210	344354	344844	1.20	cps
Strontium	88-1	2934729	3020962	2938393	2964695	1.64	cps
Sulfur	34-1	368741	365256	367388	367128	0.48	cps
Terbium	159-1	9644024	8896042	9171909	9237325	4.09	cps
Terbium	159-2	4036892	4183793	4059794	4093493	1.93	cps
Thallium	203-1	3976	3617	3967	3853	5.31	cps
Thallium	205-1	9687	9412	9103	9401	3.11	cps
Tin	118-1	39608	40478	40176	40087	1.10	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-09	Instrumnet Name :	P8
Client Sample ID :	MH1FK0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:11:33	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	244185	244251	248281	245572	0.96	cps
Uranium	238-1	58134	57841	57205	57726	0.82	cps
Vanadium	51-2	124456	123420	121360	123079	1.28	cps
Ytterbium	172-1	16544	16185	15618	16116	2.90	cps
Ytterbium	172-2	7980	8514	8219	8238	3.25	cps
Ytterbium	176-1	10955	11113	10521	10863	2.82	cps
Ytterbium	176-2	10632	10482	10654	10590	0.89	cps
Yttrium	89-1	14354364	13847483	13591716	13931187	2.79	cps
Yttrium	89-2	1345934	1352510	1313784	1337409	1.55	cps
Zinc	66-2	297937	298558	292463	296319	1.13	cps
Zirconium	90-1	28240	27720	27929	27963	0.94	cps
Zirconium	91-1	5968	6001	6368	6113	3.63	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4906-10 Instrumnet Name : P8
 Client Sample ID : MH1FK1 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 20:14:31 DataFile Name : 175AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1091877	1095870	1091448	1093065	0.22	cps
Antimony	121-1	25032	26986	26084	26034	3.76	cps
Arsenic	75-2	6035	5948	6051	6011	0.92	cps
Barium	135-1	1274147	1293856	1269537	1279180	1.01	cps
Barium	137-1	2247551	2256578	2207946	2237359	1.16	cps
Beryllium	9-1	3944	3808	3842	3864	1.83	cps
Bismuth	209-1	5212137	5083573	4955790	5083833	2.52	cps
Bismuth	209-2	2773235	2814352	2840989	2809525	1.21	cps
Boron	10-1	4892	4990	5316	5066	4.38	cps
Boron	11-1	23542	25715	25273	24843	4.62	cps
Bromine	81-1	30224	29541	30986	30250	2.39	cps
Cadmium	111-1	21975	22828	21713	22172	2.63	cps
Cadmium	106-1	5818	5551	5485	5618	3.14	cps
Cadmium	108-1	1984	1938	1750	1890	6.54	cps
Calcium	43-1	2271793	2198482	2146401	2205558	2.86	cps
Calcium	44-1	35588546	35063391	34918110	35190016	1.00	cps
Carbon	12-1	11396051	11353127	11590160	11446446	1.10	cps
Carbon	12-2	117039	119560	119005	118535	1.12	cps
Chlorine	35-1	45814887	50385867	52943653	49714803	7.26	cps
Chlorine	35-2	322154	329522	330589	327422	1.40	cps
Chromium	52-2	283930	281610	281543	282361	0.48	cps
Cobalt	59-2	84687	81920	83748	83452	1.69	cps
Copper	63-2	817406	814947	816825	816393	0.16	cps
Dysprosium	156-1	69985	71533	68913	70144	1.88	cps
Dysprosium	156-2	29686	29429	30261	29792	1.43	cps
Erbium	164-1	55684	56262	57569	56505	1.71	cps
Erbium	164-2	24690	24586	25107	24794	1.11	cps
Gadolinium	160-1	63192	65630	63644	64155	2.02	cps
Gadolinium	160-2	32536	32877	32503	32639	0.63	cps
Holmium	165-1	9164769	9037430	9057255	9086485	0.75	cps
Holmium	165-2	4212931	4178463	4185944	4192446	0.43	cps
Indium	115-1	8177225	8467033	8360279	8334846	1.76	cps
Indium	115-2	1151333	1146398	1164024	1153918	0.79	cps
Iron	54-2	5659157	5807884	5610014	5692352	1.81	cps
Iron	56-2	105466877	103992711	104051436	104503675	0.80	cps
Iron	57-2	2662332	2649637	2647589	2653186	0.30	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-10	Instrumnet Name :	P8
Client Sample ID :	MH1FK1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:14:31	DataFile Name :	175AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1060	940	1019	6.71	cps
Lead	206-1	4555235	4508497	4604318	4556017	1.05	cps
Lead	207-1	3828007	3817298	3902414	3849240	1.20	cps
Lead	208-1	17798256	17384484	17544905	17575882	1.19	cps
Lithium	6-1	2619214	2563823	2609073	2597370	1.14	cps
Magnesium	24-2	1922487	1925336	1937185	1928336	0.40	cps
Manganese	55-2	3243943	3207480	3240831	3230751	0.63	cps
Molybdenum	94-1	30159	28697	28496	29117	3.12	cps
Molybdenum	95-1	24071	23454	22419	23315	3.58	cps
Molybdenum	96-1	30384	30092	29782	30086	1.00	cps
Molybdenum	97-1	13849	14600	14491	14313	2.83	cps
Molybdenum	98-1	37000	37067	36925	36998	0.19	cps
Neodymium	150-1	119198	118074	116750	118007	1.04	cps
Neodymium	150-2	38271	38185	37325	37927	1.38	cps
Nickel	60-2	164531	166600	162150	164427	1.35	cps
Phosphorus	31-2	11989	11914	11688	11864	1.32	cps
Potassium	39-2	683975	694069	693718	690587	0.83	cps
Rhodium	103-1	7848850	7637283	7839282	7775138	1.54	cps
Rhodium	103-2	3596949	3481325	3519184	3532486	1.67	cps
Scandium	45-1	6390130	6462030	6303157	6385106	1.25	cps
Scandium	45-2	164146	163977	166268	164797	0.77	cps
Selenium	82-1	411	365	497	424	15.72	cps
Selenium	77-2	160	160	147	156	4.95	cps
Selenium	78-2	186	182	168	179	5.29	cps
Silicon	28-1	13371093	13252719	13547975	13390596	1.11	cps
Silver	107-1	41614	41605	42550	41923	1.30	cps
Silver	109-1	40794	40469	39048	40104	2.32	cps
Sodium	23-2	177828	178995	180275	179032	0.68	cps
Strontium	86-1	1012786	1059865	1054105	1042252	2.46	cps
Strontium	88-1	8894002	9032974	8893722	8940233	0.90	cps
Sulfur	34-1	451676	456272	448956	452301	0.82	cps
Terbium	159-1	9586925	9816120	9607542	9670196	1.31	cps
Terbium	159-2	4271642	4151530	4155106	4192759	1.63	cps
Thallium	203-1	3442	3567	3826	3612	5.41	cps
Thallium	205-1	8470	9229	9379	9026	5.40	cps
Tin	118-1	142522	140704	141901	141709	0.65	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-10	Instrumnet Name :	P8
Client Sample ID :	MH1FK1	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:14:31	DataFile Name :	175AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	409860	412823	408830	410504	0.50	cps
Uranium	238-1	84465	82192	82419	83025	1.51	cps
Vanadium	51-2	155629	154426	153075	154377	0.83	cps
Ytterbium	172-1	15977	16803	16761	16513	2.82	cps
Ytterbium	172-2	8520	8325	8659	8501	1.97	cps
Ytterbium	176-1	10880	11130	11389	11133	2.29	cps
Ytterbium	176-2	10621	10171	11199	10664	4.84	cps
Yttrium	89-1	14067231	14718336	13855986	14213851	3.16	cps
Yttrium	89-2	1349315	1337557	1367248	1351373	1.11	cps
Zinc	66-2	940468	929830	945440	938580	0.85	cps
Zirconium	90-1	44581	43678	43402	43887	1.40	cps
Zirconium	91-1	9637	9403	9745	9595	1.82	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-11	Instrumnet Name :	P8
Client Sample ID :	MH1FK2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:17:27	DataFile Name :	176AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	945894	936566	937743	940068	0.54	cps
Antimony	121-1	20115	20691	20149	20318	1.59	cps
Arsenic	75-2	7786	7564	7660	7670	1.45	cps
Barium	135-1	1133519	1156588	1169368	1153158	1.58	cps
Barium	137-1	2042685	2048388	2086242	2059105	1.15	cps
Beryllium	9-1	3812	4068	4022	3967	3.44	cps
Bismuth	209-1	5179126	5234535	5136949	5183537	0.94	cps
Bismuth	209-2	2802644	2880957	2931005	2871535	2.25	cps
Boron	10-1	3644	3906	3848	3799	3.62	cps
Boron	11-1	18064	18500	18846	18470	2.12	cps
Bromine	81-1	30936	32562	31598	31698	2.58	cps
Cadmium	111-1	32127	32366	31983	32159	0.60	cps
Cadmium	106-1	6735	6518	6510	6588	1.94	cps
Cadmium	108-1	2409	2496	2529	2478	2.52	cps
Calcium	43-1	1894695	1901217	1937390	1911101	1.20	cps
Calcium	44-1	30170531	30216025	30738840	30375132	1.04	cps
Carbon	12-1	7680849	7975115	7943351	7866439	2.05	cps
Carbon	12-2	78820	76861	78183	77955	1.28	cps
Chlorine	35-1	43346837	48481499	50302172	47376836	7.61	cps
Chlorine	35-2	306979	311920	320066	312988	2.11	cps
Chromium	52-2	100373	101038	101068	100826	0.39	cps
Cobalt	59-2	88218	89667	89127	89004	0.82	cps
Copper	63-2	1291418	1285729	1286071	1287740	0.25	cps
Dysprosium	156-1	57391	57650	58086	57709	0.61	cps
Dysprosium	156-2	26223	25772	26009	26001	0.87	cps
Erbium	164-1	49552	49694	48389	49212	1.45	cps
Erbium	164-2	21320	21220	21591	21377	0.90	cps
Gadolinium	160-1	54872	56421	54362	55218	1.94	cps
Gadolinium	160-2	27916	27736	26837	27496	2.10	cps
Holmium	165-1	9223880	8843312	9142647	9069946	2.21	cps
Holmium	165-2	4201404	4217050	4158846	4192433	0.72	cps
Indium	115-1	8177078	8283617	8197637	8219444	0.69	cps
Indium	115-2	1131697	1128236	1150977	1136970	1.08	cps
Iron	54-2	6155473	6232966	6226035	6204825	0.69	cps
Iron	56-2	112974900	114687875	112467775	113376850	1.03	cps
Iron	57-2	2929907	2875891	2914643	2906814	0.96	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-11	Instrumnet Name :	P8
Client Sample ID :	MH1FK2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:17:27	DataFile Name :	176AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	977	953	1083	1004	6.90	cps
Lead	206-1	6046270	6000785	6000268	6015774	0.44	cps
Lead	207-1	5099653	5066664	5148007	5104775	0.80	cps
Lead	208-1	23206036	23546204	23477490	23409910	0.77	cps
Lithium	6-1	2583250	2633665	2631276	2616064	1.09	cps
Magnesium	24-2	1459569	1454324	1487776	1467223	1.23	cps
Manganese	55-2	3256298	3340000	3303931	3300076	1.27	cps
Molybdenum	94-1	21400	20950	21058	21136	1.11	cps
Molybdenum	95-1	16552	17186	16902	16880	1.88	cps
Molybdenum	96-1	21601	22477	22978	22352	3.12	cps
Molybdenum	97-1	10071	9712	10346	10043	3.16	cps
Molybdenum	98-1	25850	25599	26526	25992	1.84	cps
Neodymium	150-1	97511	98990	99674	98725	1.12	cps
Neodymium	150-2	31580	31744	31163	31496	0.95	cps
Nickel	60-2	80121	79601	78401	79374	1.11	cps
Phosphorus	31-2	10079	10738	10704	10507	3.53	cps
Potassium	39-2	447352	438151	434271	439925	1.53	cps
Rhodium	103-1	7719061	7667543	7743623	7710076	0.50	cps
Rhodium	103-2	3413135	3502766	3540222	3485374	1.87	cps
Scandium	45-1	6282484	6288617	6320532	6297211	0.32	cps
Scandium	45-2	159708	162485	163893	162028	1.31	cps
Selenium	82-1	443	518	413	458	11.86	cps
Selenium	77-2	147	120	157	141	13.43	cps
Selenium	78-2	154	164	143	154	6.83	cps
Silicon	28-1	9248400	11080433	9336347	9888393	10.45	cps
Silver	107-1	83989	87889	86949	86276	2.36	cps
Silver	109-1	82230	81676	81684	81863	0.39	cps
Sodium	23-2	166199	160654	163308	163387	1.70	cps
Strontium	86-1	953528	971627	969352	964836	1.02	cps
Strontium	88-1	8168257	8377883	8177280	8241140	1.44	cps
Sulfur	34-1	420451	428251	423729	424143	0.92	cps
Terbium	159-1	9253270	9571857	9466852	9430660	1.72	cps
Terbium	159-2	4107222	3988442	4131657	4075774	1.88	cps
Thallium	203-1	5093	5101	5293	5162	2.19	cps
Thallium	205-1	13149	12506	13983	13213	5.60	cps
Tin	118-1	219460	223520	214102	219027	2.16	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-11	Instrumnet Name :	P8
Client Sample ID :	MH1FK2	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:17:27	DataFile Name :	176AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	356270	355884	360980	357711	0.79	cps
Uranium	238-1	79869	80615	81253	80579	0.86	cps
Vanadium	51-2	139691	136396	137836	137974	1.20	cps
Ytterbium	172-1	15084	14734	14408	14742	2.29	cps
Ytterbium	172-2	7613	7947	7725	7762	2.19	cps
Ytterbium	176-1	9670	9904	9629	9734	1.52	cps
Ytterbium	176-2	9859	10132	9765	9919	1.92	cps
Yttrium	89-1	13863174	14504656	14094978	14154269	2.29	cps
Yttrium	89-2	1317911	1311119	1329480	1319503	0.70	cps
Zinc	66-2	1120814	1117968	1102525	1113769	0.88	cps
Zirconium	90-1	30092	30760	29941	30264	1.44	cps
Zirconium	91-1	6944	7244	6593	6927	4.70	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-12	Instrumnet Name :	P8
Client Sample ID :	MH1FK3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:20:21	DataFile Name :	177AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	869098	854809	866771	863560	0.89	cps
Antimony	121-1	13791	13782	13957	13843	0.71	cps
Arsenic	75-2	6393	6278	6271	6314	1.09	cps
Barium	135-1	843049	829400	852273	841574	1.37	cps
Barium	137-1	1432124	1447537	1482617	1454093	1.78	cps
Beryllium	9-1	3398	3304	3208	3303	2.88	cps
Bismuth	209-1	4511580	4952116	5062719	4842138	6.02	cps
Bismuth	209-2	2780252	2884998	2845812	2837021	1.87	cps
Boron	10-1	2354	2468	2512	2444	3.34	cps
Boron	11-1	11416	12039	12239	11898	3.61	cps
Bromine	81-1	28809	27556	27325	27897	2.86	cps
Cadmium	111-1	23137	22461	22824	22807	1.48	cps
Cadmium	106-1	5209	4993	5360	5187	3.56	cps
Cadmium	108-1	1554	1642	1754	1650	6.08	cps
Calcium	43-1	1367812	1331655	1336644	1345370	1.46	cps
Calcium	44-1	21866142	21935144	21544778	21782021	0.96	cps
Carbon	12-1	5095938	5266360	5093181	5151826	1.93	cps
Carbon	12-2	51516	51851	51425	51597	0.44	cps
Chlorine	35-1	44076500	47008360	49795235	46960032	6.09	cps
Chlorine	35-2	308424	308190	315249	310621	1.29	cps
Chromium	52-2	54718	53721	54085	54174	0.93	cps
Cobalt	59-2	76441	75774	76153	76122	0.44	cps
Copper	63-2	744802	742034	754814	747217	0.90	cps
Dysprosium	156-1	62715	61517	61375	61869	1.19	cps
Dysprosium	156-2	27118	26293	26921	26777	1.61	cps
Erbium	164-1	51910	50346	53609	51955	3.14	cps
Erbium	164-2	22850	22836	22335	22674	1.29	cps
Gadolinium	160-1	57441	58789	58823	58351	1.35	cps
Gadolinium	160-2	29332	28206	29566	29035	2.50	cps
Holmium	165-1	7965402	8169541	9263185	8466043	8.24	cps
Holmium	165-2	4042733	4138268	4203510	4128171	1.96	cps
Indium	115-1	7225929	7763008	8209367	7732768	6.37	cps
Indium	115-2	1129054	1124834	1149755	1134548	1.18	cps
Iron	54-2	4829418	4717093	4749988	4765500	1.21	cps
Iron	56-2	88199183	85722641	85524421	86482082	1.72	cps
Iron	57-2	2253713	2162652	2199145	2205170	2.08	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-12	Instrumnet Name :	P8
Client Sample ID :	MH1FK3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:20:21	DataFile Name :	177AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1023	953	947	974	4.36	cps
Lead	206-1	3569829	3573505	3594410	3579248	0.37	cps
Lead	207-1	3023455	3033279	3079059	3045264	0.97	cps
Lead	208-1	13946453	14061020	14119804	14042426	0.63	cps
Lithium	6-1	2349896	2548423	2636680	2511666	5.85	cps
Magnesium	24-2	1236207	1215801	1226222	1226077	0.83	cps
Manganese	55-2	2202031	2190150	2150929	2181037	1.23	cps
Molybdenum	94-1	17336	17787	21234	18786	11.35	cps
Molybdenum	95-1	12956	12556	12915	12809	1.72	cps
Molybdenum	96-1	18137	18188	18037	18121	0.42	cps
Molybdenum	97-1	7969	7944	7961	7958	0.16	cps
Molybdenum	98-1	21058	19890	20048	20332	3.12	cps
Neodymium	150-1	103101	105055	105062	104406	1.08	cps
Neodymium	150-2	32824	33047	33432	33101	0.93	cps
Nickel	60-2	58500	59106	57800	58469	1.12	cps
Phosphorus	31-2	6810	6960	7119	6963	2.22	cps
Potassium	39-2	435227	433862	439038	436043	0.62	cps
Rhodium	103-1	6905448	7302978	7809176	7339201	6.17	cps
Rhodium	103-2	3489867	3433035	3446232	3456378	0.86	cps
Scandium	45-1	5795564	6073058	6541972	6136864	6.15	cps
Scandium	45-2	162221	160021	162707	161649	0.89	cps
Selenium	82-1	213	307	237	252	19.38	cps
Selenium	77-2	157	160	103	140	22.71	cps
Selenium	78-2	143	135	158	145	8.04	cps
Silicon	28-1	9146184	9399568	9286866	9277540	1.37	cps
Silver	107-1	42934	41128	42382	42148	2.20	cps
Silver	109-1	41037	40260	38237	39845	3.63	cps
Sodium	23-2	136074	137319	137907	137100	0.68	cps
Strontium	86-1	671686	667484	663093	667421	0.64	cps
Strontium	88-1	5770421	5774727	5654440	5733196	1.19	cps
Sulfur	34-1	389135	395334	393960	392810	0.83	cps
Terbium	159-1	8454226	8969877	9439998	8954700	5.51	cps
Terbium	159-2	4105562	4137953	4020177	4087897	1.49	cps
Thallium	203-1	5185	5526	5351	5354	3.19	cps
Thallium	205-1	12665	12673	12690	12676	0.10	cps
Tin	118-1	101502	102054	102250	101935	0.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-12	Instrumnet Name :	P8
Client Sample ID :	MH1FK3	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:20:21	DataFile Name :	177AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	274441	277547	283279	278422	1.61	cps
Uranium	238-1	56352	56209	56912	56491	0.66	cps
Vanadium	51-2	127539	125885	124852	126092	1.07	cps
Ytterbium	172-1	15193	14367	15109	14889	3.05	cps
Ytterbium	172-2	7336	8025	7513	7625	4.69	cps
Ytterbium	176-1	10379	10479	10696	10518	1.54	cps
Ytterbium	176-2	9982	10037	9948	9989	0.45	cps
Yttrium	89-1	12796107	13352493	13906956	13351852	4.16	cps
Yttrium	89-2	1312541	1312078	1316571	1313730	0.19	cps
Zinc	66-2	579762	569537	576281	575193	0.90	cps
Zirconium	90-1	28625	28914	28981	28840	0.66	cps
Zirconium	91-1	6510	6218	6335	6354	2.31	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4906-13 Instrumnet Name : P8
 Client Sample ID : MH1FK4 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 20:23:17 DataFile Name : 178AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	943198	940454	938771	940808	0.24	cps
Antimony	121-1	10154	10438	9846	10146	2.92	cps
Arsenic	75-2	5551	5387	5364	5434	1.88	cps
Barium	135-1	840058	865012	848599	851223	1.49	cps
Barium	137-1	1455013	1516325	1503981	1491773	2.17	cps
Beryllium	9-1	3158	3012	3154	3108	2.68	cps
Bismuth	209-1	5024841	5111932	5029786	5055520	0.97	cps
Bismuth	209-2	2795883	2721197	2790009	2769029	1.50	cps
Boron	10-1	2026	2048	2184	2086	4.10	cps
Boron	11-1	9451	9521	10220	9731	4.37	cps
Bromine	81-1	28217	30254	29391	29288	3.49	cps
Cadmium	111-1	12022	12230	12529	12260	2.08	cps
Cadmium	106-1	4718	4384	4317	4473	4.79	cps
Cadmium	108-1	913	829	1025	922	10.66	cps
Calcium	43-1	1149655	1154953	1154566	1153058	0.26	cps
Calcium	44-1	18762763	18961393	19509141	19077766	2.03	cps
Carbon	12-1	4996163	5031523	4993390	5007025	0.42	cps
Carbon	12-2	51114	49409	50922	50482	1.85	cps
Chlorine	35-1	43378058	46956475	50415279	46916604	7.50	cps
Chlorine	35-2	317817	319478	325860	321052	1.32	cps
Chromium	52-2	56394	55654	55102	55717	1.16	cps
Cobalt	59-2	68631	67958	67164	67918	1.08	cps
Copper	63-2	476349	474657	473620	474875	0.29	cps
Dysprosium	156-1	68728	66826	69054	68203	1.76	cps
Dysprosium	156-2	29987	29960	29593	29847	0.74	cps
Erbium	164-1	57417	56328	56211	56652	1.17	cps
Erbium	164-2	24509	24329	24727	24522	0.81	cps
Gadolinium	160-1	63653	63049	63904	63536	0.69	cps
Gadolinium	160-2	32152	32326	32329	32269	0.31	cps
Holmium	165-1	9228673	9102293	8673486	9001484	3.23	cps
Holmium	165-2	4216902	4202882	4173475	4197753	0.53	cps
Indium	115-1	8077912	8055174	7961153	8031413	0.77	cps
Indium	115-2	1144567	1132597	1141972	1139712	0.55	cps
Iron	54-2	3808180	3828798	3828414	3821797	0.31	cps
Iron	56-2	69050024	70244393	69225231	69506549	0.93	cps
Iron	57-2	1743929	1758366	1770109	1757468	0.75	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-13	Instrumnet Name :	P8
Client Sample ID :	MH1FK4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:23:17	DataFile Name :	178AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	1007	957	1000	4.04	cps
Lead	206-1	1899505	1919685	1922669	1913953	0.66	cps
Lead	207-1	1609623	1522991	1479345	1537320	4.31	cps
Lead	208-1	7438667	7546903	7325850	7437140	1.49	cps
Lithium	6-1	2557605	2517040	2569614	2548086	1.08	cps
Magnesium	24-2	1295482	1310139	1306869	1304163	0.59	cps
Manganese	55-2	1455024	1484907	1498048	1479326	1.49	cps
Molybdenum	94-1	16068	16719	15668	16151	3.28	cps
Molybdenum	95-1	13140	12940	13023	13034	0.77	cps
Molybdenum	96-1	17520	17053	16811	17128	2.10	cps
Molybdenum	97-1	7611	7886	8169	7889	3.54	cps
Molybdenum	98-1	19673	20399	20824	20299	2.87	cps
Neodymium	150-1	118969	118876	119138	118994	0.11	cps
Neodymium	150-2	37997	37930	36961	37630	1.54	cps
Nickel	60-2	55140	54397	54397	54645	0.78	cps
Phosphorus	31-2	6393	5968	6627	6329	5.28	cps
Potassium	39-2	493390	498424	495433	495749	0.51	cps
Rhodium	103-1	7892375	7976705	7604386	7824489	2.50	cps
Rhodium	103-2	3477860	3558810	3471436	3502702	1.39	cps
Scandium	45-1	6328027	6449371	6381288	6386229	0.95	cps
Scandium	45-2	163141	161785	162359	162428	0.42	cps
Selenium	82-1	225	267	309	267	15.85	cps
Selenium	77-2	183	143	150	159	13.49	cps
Selenium	78-2	157	168	174	166	5.18	cps
Silicon	28-1	10835157	10526479	10319969	10560535	2.46	cps
Silver	107-1	24238	24247	23947	24144	0.71	cps
Silver	109-1	23621	22936	22661	23073	2.14	cps
Sodium	23-2	137798	141854	141214	140289	1.55	cps
Strontium	86-1	582633	588054	574766	581818	1.15	cps
Strontium	88-1	5131239	4922303	4995948	5016497	2.11	cps
Sulfur	34-1	395667	395188	406077	398977	1.54	cps
Terbium	159-1	9711677	9311348	9437405	9486810	2.16	cps
Terbium	159-2	4169286	4136146	3999738	4101723	2.19	cps
Thallium	203-1	4368	4084	3976	4142	4.88	cps
Thallium	205-1	10213	10363	10580	10385	1.78	cps
Tin	118-1	67945	66914	67718	67526	0.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-13	Instrumnet Name :	P8
Client Sample ID :	MH1FK4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:23:17	DataFile Name :	178AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	202952	206463	199399	202938	1.74	cps
Uranium	238-1	51254	50243	49815	50438	1.47	cps
Vanadium	51-2	130707	128780	127583	129023	1.22	cps
Ytterbium	172-1	15943	16177	16636	16252	2.17	cps
Ytterbium	172-2	8292	8230	8269	8264	0.37	cps
Ytterbium	176-1	9637	10188	10504	10110	4.34	cps
Ytterbium	176-2	10254	10032	10805	10363	3.84	cps
Yttrium	89-1	14097445	13972859	13929324	13999876	0.62	cps
Yttrium	89-2	1341104	1331764	1323072	1331980	0.68	cps
Zinc	66-2	287606	284267	283466	285113	0.77	cps
Zirconium	90-1	25215	25902	26535	25884	2.55	cps
Zirconium	91-1	5643	5801	5793	5746	1.55	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14	Instrumnet Name :	P8
Client Sample ID :	MH1FN5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:26:13	DataFile Name :	179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1251150	1238307	1254270	1247909	0.68	cps
Antimony	121-1	23863	25157	23846	24289	3.10	cps
Arsenic	75-2	10585	10837	10538	10653	1.51	cps
Barium	135-1	1943474	1953335	1970477	1955762	0.70	cps
Barium	137-1	3380013	3381500	3335212	3365575	0.78	cps
Beryllium	9-1	5368	5610	5014	5331	5.62	cps
Bismuth	209-1	5370351	5250855	5097078	5239428	2.61	cps
Bismuth	209-2	2789654	2808597	2874788	2824346	1.58	cps
Boron	10-1	5714	5846	6360	5973	5.71	cps
Boron	11-1	27444	28626	30253	28774	4.90	cps
Bromine	81-1	34317	35201	38553	36023	6.20	cps
Cadmium	111-1	39683	40661	40788	40377	1.50	cps
Cadmium	106-1	7519	7452	7452	7474	0.51	cps
Cadmium	108-1	3080	3159	3205	3148	2.01	cps
Calcium	43-1	3270837	3372444	3309483	3317588	1.55	cps
Calcium	44-1	52272067	54986279	53675627	53644658	2.53	cps
Carbon	12-1	12096437	11891266	12365259	12117654	1.96	cps
Carbon	12-2	123618	123508	122467	123198	0.52	cps
Chlorine	35-1	44348700	48391005	50208805	47649503	6.30	cps
Chlorine	35-2	298610	302403	307140	302718	1.41	cps
Chromium	52-2	180030	180711	179826	180189	0.26	cps
Cobalt	59-2	115937	117104	116449	116497	0.50	cps
Copper	63-2	1797157	1764518	1748848	1770174	1.39	cps
Dysprosium	156-1	83788	85113	82606	83836	1.50	cps
Dysprosium	156-2	35434	36072	36487	35998	1.47	cps
Erbium	164-1	68879	67481	69490	68617	1.50	cps
Erbium	164-2	30555	29950	29783	30096	1.35	cps
Gadolinium	160-1	77727	77677	78834	78079	0.84	cps
Gadolinium	160-2	39074	38980	39609	39221	0.87	cps
Holmium	165-1	9008399	9187161	9034084	9076548	1.06	cps
Holmium	165-2	4272982	4180993	4158421	4204132	1.44	cps
Indium	115-1	8261430	8290411	8272720	8274854	0.18	cps
Indium	115-2	1143865	1138627	1150743	1144412	0.53	cps
Iron	54-2	7718889	7601041	7603122	7641017	0.88	cps
Iron	56-2	142596959	139924256	140830589	141117268	0.96	cps
Iron	57-2	3601597	3594023	3479262	3558294	1.93	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14	Instrumnet Name :	P8
Client Sample ID :	MH1FN5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:26:13	DataFile Name :	179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	1050	1030	1018	3.91	cps
Lead	206-1	9945966	9500229	9430321	9625505	2.91	cps
Lead	207-1	8238993	8017480	7969970	8075481	1.78	cps
Lead	208-1	38401724	37808056	36930066	37713282	1.96	cps
Lithium	6-1	2647802	2552607	2557647	2586019	2.07	cps
Magnesium	24-2	2133073	2059146	2099687	2097302	1.77	cps
Manganese	55-2	3996786	4015302	4049538	4020542	0.67	cps
Molybdenum	94-1	28037	27403	27612	27684	1.17	cps
Molybdenum	95-1	23863	23262	22118	23081	3.84	cps
Molybdenum	96-1	31695	31177	31152	31342	0.98	cps
Molybdenum	97-1	15067	14616	13824	14502	4.34	cps
Molybdenum	98-1	36014	37727	35680	36474	3.01	cps
Neodymium	150-1	143945	143951	140709	142868	1.31	cps
Neodymium	150-2	45350	44250	44527	44709	1.28	cps
Nickel	60-2	99286	98223	98230	98580	0.62	cps
Phosphorus	31-2	17211	18763	17778	17917	4.38	cps
Potassium	39-2	635005	622970	626960	628311	0.98	cps
Rhodium	103-1	7491354	7897151	7552474	7646993	2.86	cps
Rhodium	103-2	3423776	3387825	3397715	3403105	0.55	cps
Scandium	45-1	6191413	6502661	6203356	6299143	2.80	cps
Scandium	45-2	160853	163367	164043	162754	1.03	cps
Selenium	82-1	923	745	804	824	11.04	cps
Selenium	77-2	240	220	190	217	11.62	cps
Selenium	78-2	210	230	238	226	6.38	cps
Silicon	28-1	15394967	14793240	15154364	15114191	2.00	cps
Silver	107-1	130382	130523	129623	130176	0.37	cps
Silver	109-1	123881	125883	120989	123584	1.99	cps
Sodium	23-2	256691	252394	250112	253066	1.32	cps
Strontium	86-1	1707398	1743711	1693863	1714991	1.50	cps
Strontium	88-1	14413118	14462406	14061397	14312307	1.53	cps
Sulfur	34-1	465812	466001	465477	465763	0.06	cps
Terbium	159-1	9428883	9768703	9556698	9584761	1.79	cps
Terbium	159-2	4127442	4094394	4084120	4101985	0.55	cps
Thallium	203-1	5726	5676	5693	5699	0.45	cps
Thallium	205-1	13658	12924	13240	13274	2.77	cps
Tin	118-1	375860	368116	381858	375278	1.84	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14	Instrumnet Name :	P8
Client Sample ID :	MH1FN5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:26:13	DataFile Name :	179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	390402	389939	381841	387394	1.24	cps
Uranium	238-1	122861	120378	118460	120566	1.83	cps
Vanadium	51-2	197764	196390	194595	196250	0.81	cps
Ytterbium	172-1	20341	21243	20124	20569	2.88	cps
Ytterbium	172-2	10632	11105	10577	10771	2.69	cps
Ytterbium	176-1	14049	14150	13958	14052	0.68	cps
Ytterbium	176-2	11566	12373	12011	11983	3.37	cps
Yttrium	89-1	14275582	14712431	14252179	14413397	1.80	cps
Yttrium	89-2	1355517	1349351	1359467	1354778	0.38	cps
Zinc	66-2	1590164	1576603	1540396	1569055	1.64	cps
Zirconium	90-1	40344	40176	39708	40076	0.82	cps
Zirconium	91-1	9278	9262	8670	9070	3.82	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-15	Instrumnet Name :	P8
Client Sample ID :	MH1FN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:29:09	DataFile Name :	180AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	925865	928385	922904	925718	0.30	cps
Antimony	121-1	21684	22761	21835	22093	2.64	cps
Arsenic	75-2	8237	8204	8169	8204	0.41	cps
Barium	135-1	1450686	1454851	1489491	1465009	1.45	cps
Barium	137-1	2561403	2538381	2541355	2547047	0.49	cps
Beryllium	9-1	3894	4112	3936	3980	2.91	cps
Bismuth	209-1	5077123	5039988	5194997	5104036	1.59	cps
Bismuth	209-2	2814964	2791389	2829550	2811967	0.68	cps
Boron	10-1	4686	5088	5094	4956	4.72	cps
Boron	11-1	22827	24630	25511	24323	5.62	cps
Bromine	81-1	31087	32020	32953	32020	2.91	cps
Cadmium	111-1	27211	26578	27234	27008	1.38	cps
Cadmium	106-1	6235	6035	6243	6171	1.91	cps
Cadmium	108-1	2113	2225	2188	2175	2.63	cps
Calcium	43-1	2404336	2464420	2470146	2446301	1.49	cps
Calcium	44-1	38222786	39014713	39708885	38982128	1.91	cps
Carbon	12-1	9397638	9630555	9534522	9520905	1.23	cps
Carbon	12-2	96634	94034	98094	96254	2.14	cps
Chlorine	35-1	40244903	45624279	48803508	44890897	9.64	cps
Chlorine	35-2	286293	298353	307798	297481	3.62	cps
Chromium	52-2	138937	137870	138170	138326	0.40	cps
Cobalt	59-2	92243	89901	90536	90894	1.33	cps
Copper	63-2	1256976	1264365	1264333	1261891	0.34	cps
Dysprosium	156-1	63259	63419	62514	63064	0.77	cps
Dysprosium	156-2	27505	27418	27983	27635	1.10	cps
Erbium	164-1	53375	53174	52856	53135	0.49	cps
Erbium	164-2	22846	22412	22322	22527	1.24	cps
Gadolinium	160-1	58948	57006	57726	57893	1.70	cps
Gadolinium	160-2	29072	29590	29519	29394	0.96	cps
Holmium	165-1	9099743	9084893	8962854	9049163	0.83	cps
Holmium	165-2	4244166	4197451	4307875	4249831	1.30	cps
Indium	115-1	8207495	8354512	8194656	8252221	1.08	cps
Indium	115-2	1133477	1141039	1125807	1133441	0.67	cps
Iron	54-2	6414493	6381965	6342346	6379601	0.57	cps
Iron	56-2	117014561	117941880	117794228	117583556	0.42	cps
Iron	57-2	2972722	3016546	2977453	2988907	0.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-15	Instrumnet Name :	P8
Client Sample ID :	MH1FN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:29:09	DataFile Name :	180AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	903	1020	970	6.20	cps
Lead	206-1	6866068	6768519	7108420	6914336	2.53	cps
Lead	207-1	5785098	5836203	5933225	5851509	1.29	cps
Lead	208-1	26712532	26357858	27728975	26933122	2.64	cps
Lithium	6-1	2661710	2624703	2565576	2617330	1.85	cps
Magnesium	24-2	1565615	1623039	1567335	1585330	2.06	cps
Manganese	55-2	3018385	3027974	3001906	3016088	0.44	cps
Molybdenum	94-1	23871	22569	22485	22975	3.38	cps
Molybdenum	95-1	20691	21242	19956	20630	3.13	cps
Molybdenum	96-1	26309	27127	28029	27155	3.17	cps
Molybdenum	97-1	12256	12815	13182	12751	3.66	cps
Molybdenum	98-1	31378	32430	32664	32157	2.13	cps
Neodymium	150-1	104116	109025	108704	107282	2.56	cps
Neodymium	150-2	34301	34284	34855	34480	0.94	cps
Nickel	60-2	78002	77282	77952	77745	0.52	cps
Phosphorus	31-2	13365	12831	12906	13034	2.22	cps
Potassium	39-2	484494	480419	483890	482935	0.46	cps
Rhodium	103-1	7725925	7534434	7801765	7687375	1.79	cps
Rhodium	103-2	3506652	3450275	3487906	3481611	0.82	cps
Scandium	45-1	6266400	6325823	6326834	6306352	0.55	cps
Scandium	45-2	159340	160492	159191	159674	0.45	cps
Selenium	82-1	654	745	707	702	6.53	cps
Selenium	77-2	197	147	130	158	21.99	cps
Selenium	78-2	194	207	176	192	8.09	cps
Silicon	28-1	11913007	12328774	12238720	12160167	1.80	cps
Silver	107-1	93383	96631	96421	95478	1.90	cps
Silver	109-1	91387	92687	91857	91977	0.72	cps
Sodium	23-2	188279	189435	188762	188825	0.31	cps
Strontium	86-1	1206804	1226920	1213080	1215601	0.85	cps
Strontium	88-1	10272914	10543052	10203148	10339705	1.74	cps
Sulfur	34-1	439224	448713	446372	444770	1.11	cps
Terbium	159-1	9723535	9651205	9593562	9656101	0.67	cps
Terbium	159-2	4101255	4067349	4069995	4079533	0.46	cps
Thallium	203-1	4242	4284	4342	4290	1.17	cps
Thallium	205-1	10705	11013	10655	10791	1.80	cps
Tin	118-1	282367	286079	282693	283713	0.72	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-15	Instrumnet Name :	P8
Client Sample ID :	MH1FN5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:29:09	DataFile Name :	180AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	346824	336402	344712	342646	1.61	cps
Uranium	238-1	91765	91454	91807	91675	0.21	cps
Vanadium	51-2	154423	154070	156617	155037	0.89	cps
Ytterbium	172-1	15535	15868	14667	15357	4.04	cps
Ytterbium	172-2	8403	8130	8019	8184	2.41	cps
Ytterbium	176-1	9595	10229	9846	9890	3.23	cps
Ytterbium	176-2	9915	10499	10176	10197	2.87	cps
Yttrium	89-1	14206192	14051278	13702157	13986542	1.85	cps
Yttrium	89-2	1312177	1323050	1320428	1318552	0.43	cps
Zinc	66-2	1166234	1187450	1156659	1170114	1.35	cps
Zirconium	90-1	29382	29816	31590	30262	3.87	cps
Zirconium	91-1	6844	6920	6985	6916	1.02	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 20:35:26	DataFile Name :	182AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233591	229793	225995	229793	1.65	cps
Antimony	121-1	4484	4884	4676	4681	4.27	cps
Arsenic	75-2	2087	2086	1945	2040	4.01	cps
Barium	135-1	368427	366227	361890	365515	0.91	cps
Barium	137-1	635082	628433	623682	629066	0.91	cps
Beryllium	9-1	1018	1058	1050	1042	2.03	cps
Bismuth	209-1	5040887	4957686	5032718	5010430	0.92	cps
Bismuth	209-2	2513833	2783918	2825075	2707609	6.24	cps
Boron	10-1	2054	2050	2222	2108	4.66	cps
Boron	11-1	9591	9799	9787	9726	1.20	cps
Bromine	81-1	22802	22652	21959	22471	2.00	cps
Cadmium	111-1	7593	8165	7824	7861	3.66	cps
Cadmium	106-1	3826	3917	3659	3801	3.45	cps
Cadmium	108-1	625	554	533	571	8.42	cps
Calcium	43-1	614496	613541	615222	614419	0.14	cps
Calcium	44-1	10011444	10259869	9929537	10066950	1.71	cps
Carbon	12-1	4660348	4675038	4703565	4679650	0.47	cps
Carbon	12-2	46934	46324	45454	46237	1.61	cps
Chlorine	35-1	18734535	18676365	18107797	18506232	1.87	cps
Chlorine	35-2	100649	96336	96253	97746	2.57	cps
Chromium	52-2	35400	34963	34702	35022	1.01	cps
Cobalt	59-2	22254	22197	22498	22316	0.72	cps
Copper	63-2	334698	330658	325064	330140	1.47	cps
Dysprosium	156-1	16636	16219	15877	16244	2.34	cps
Dysprosium	156-2	7012	6955	7095	7021	1.00	cps
Erbium	164-1	12673	12640	13774	13029	4.95	cps
Erbium	164-2	5978	5765	5868	5870	1.82	cps
Gadolinium	160-1	14567	14700	14108	14458	2.15	cps
Gadolinium	160-2	7732	7375	7319	7476	3.00	cps
Holmium	165-1	8686816	8727405	8686979	8700400	0.27	cps
Holmium	165-2	3665469	4104151	4154283	3974635	6.77	cps
Indium	115-1	7997029	7881096	7697657	7858594	1.92	cps
Indium	115-2	1008604	1105101	1116567	1076757	5.51	cps
Iron	54-2	1485649	1529762	1472173	1495861	2.01	cps
Iron	56-2	27898692	27234028	27268612	27467111	1.36	cps
Iron	57-2	670912	663099	652640	662217	1.38	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 20:35:26	DataFile Name :	182AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	857	917	723	832	11.89	cps
Lead	206-1	1830389	1860377	1855589	1848785	0.87	cps
Lead	207-1	1418981	1466691	1413803	1433158	2.03	cps
Lead	208-1	6954242	7130986	7027846	7037691	1.26	cps
Lithium	6-1	2406028	2492208	2545826	2481354	2.84	cps
Magnesium	24-2	402689	393955	394453	397032	1.24	cps
Manganese	55-2	758184	744665	738585	747144	1.34	cps
Molybdenum	94-1	5284	5418	5593	5432	2.85	cps
Molybdenum	95-1	4359	4551	4759	4556	4.39	cps
Molybdenum	96-1	5726	5968	5935	5876	2.23	cps
Molybdenum	97-1	2750	2742	2667	2720	1.69	cps
Molybdenum	98-1	6643	7035	7027	6902	3.24	cps
Neodymium	150-1	26219	25772	26987	26326	2.34	cps
Neodymium	150-2	8973	8283	8419	8558	4.27	cps
Nickel	60-2	18999	19423	18205	18876	3.28	cps
Phosphorus	31-2	3167	3384	3567	3373	5.94	cps
Potassium	39-2	132842	133556	128369	131589	2.14	cps
Rhodium	103-1	7501503	7478517	7568888	7516303	0.62	cps
Rhodium	103-2	3102652	3468198	3428222	3333024	6.02	cps
Scandium	45-1	6055234	6050153	6065381	6056923	0.13	cps
Scandium	45-2	136450	153648	153450	147849	6.68	cps
Selenium	82-1	193	110	315	206	49.96	cps
Selenium	77-2	50	43	27	40	30.04	cps
Selenium	78-2	65	86	81	77	14.18	cps
Silicon	28-1	3265474	3244414	3102403	3204097	2.77	cps
Silver	107-1	24572	25616	25115	25101	2.08	cps
Silver	109-1	23688	23245	24072	23668	1.75	cps
Sodium	23-2	57665	55306	54745	55905	2.77	cps
Strontium	86-1	318745	320575	320813	320044	0.35	cps
Strontium	88-1	2652182	2744660	2747618	2714820	2.00	cps
Sulfur	34-1	385525	380830	387083	384479	0.85	cps
Terbium	159-1	9370405	9166651	9115608	9217555	1.46	cps
Terbium	159-2	3681082	4031454	4041235	3917924	5.24	cps
Thallium	203-1	925	1258	1300	1161	17.70	cps
Thallium	205-1	2809	2875	2950	2878	2.46	cps
Tin	118-1	72869	72216	70373	71820	1.80	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 20:35:26	DataFile Name :	182AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	74235	74897	75266	74799	0.70	cps
Uranium	238-1	23272	22512	23915	23233	3.02	cps
Vanadium	51-2	39187	37105	36540	37611	3.71	cps
Ytterbium	172-1	3767	3876	3809	3817	1.43	cps
Ytterbium	172-2	2039	1956	2011	2002	2.12	cps
Ytterbium	176-1	3009	3376	2884	3089	8.27	cps
Ytterbium	176-2	5946	6207	6240	6131	2.63	cps
Yttrium	89-1	12952848	12877323	12857208	12895793	0.39	cps
Yttrium	89-2	1091361	1209682	1212171	1171071	5.90	cps
Zinc	66-2	301755	300032	296188	299325	0.95	cps
Zirconium	90-1	7677	7602	8069	7783	3.22	cps
Zirconium	91-1	1775	1733	2678	2062	25.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-16	Instrumnet Name :	P8
Client Sample ID :	MH1FN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:38:25	DataFile Name :	183AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917580	909829	905809	911073	0.66	cps
Antimony	121-1	80102	77730	77579	78470	1.80	cps
Arsenic	75-2	9324	9352	9287	9321	0.35	cps
Barium	135-1	2065560	2069826	2101548	2078978	0.95	cps
Barium	137-1	3451526	3516427	3545187	3504380	1.37	cps
Beryllium	9-1	17279	16810	16730	16940	1.75	cps
Bismuth	209-1	5043917	5159093	5033656	5078889	1.37	cps
Bismuth	209-2	2829353	2895918	2826258	2850510	1.38	cps
Boron	10-1	4482	4884	4852	4739	4.72	cps
Boron	11-1	21594	22811	23628	22678	4.51	cps
Bromine	81-1	31076	32280	31608	31655	1.91	cps
Cadmium	111-1	41301	39572	39776	40217	2.35	cps
Cadmium	106-1	7085	7194	7544	7274	3.30	cps
Cadmium	108-1	2938	2975	2980	2964	0.77	cps
Calcium	43-1	2252742	2294293	2232323	2259786	1.40	cps
Calcium	44-1	36333980	36753537	35467452	36184989	1.81	cps
Carbon	12-1	9267855	9155009	9357072	9259979	1.09	cps
Carbon	12-2	93591	93305	90069	92322	2.12	cps
Chlorine	35-1	34847481	40177664	43441885	39489010	10.99	cps
Chlorine	35-2	282452	288006	298149	289536	2.75	cps
Chromium	52-2	201973	200598	197876	200149	1.04	cps
Cobalt	59-2	396280	393718	390415	393471	0.75	cps
Copper	63-2	1300942	1305542	1312032	1306172	0.43	cps
Dysprosium	156-1	59358	59877	59341	59526	0.51	cps
Dysprosium	156-2	26673	26476	26256	26468	0.79	cps
Erbium	164-1	50438	49593	49785	49939	0.89	cps
Erbium	164-2	21701	21300	21317	21440	1.06	cps
Gadolinium	160-1	55625	54956	54838	55140	0.77	cps
Gadolinium	160-2	28247	26941	27428	27539	2.40	cps
Holmium	165-1	9168477	8881676	8845700	8965284	1.97	cps
Holmium	165-2	4157516	4231790	4186202	4191836	0.89	cps
Indium	115-1	8382335	8478548	8070971	8310618	2.56	cps
Indium	115-2	1141429	1139641	1127160	1136077	0.68	cps
Iron	54-2	6313901	6258306	6160228	6244145	1.25	cps
Iron	56-2	116103830	115273700	116428025	115935185	0.51	cps
Iron	57-2	2899900	2897299	2904142	2900447	0.12	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-16	Instrumnet Name :	P8
Client Sample ID :	MH1FN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:38:25	DataFile Name :	183AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	940	917	910	3.72	cps
Lead	206-1	6314317	6270142	6438335	6340931	1.38	cps
Lead	207-1	5316608	5318632	5476642	5370627	1.71	cps
Lead	208-1	24538658	24745510	25004844	24763004	0.94	cps
Lithium	6-1	2593319	2579797	2513138	2562084	1.68	cps
Magnesium	24-2	1514682	1491794	1504588	1503688	0.76	cps
Manganese	55-2	2923023	2966501	2977276	2955600	0.97	cps
Molybdenum	94-1	21918	21859	22285	22021	1.05	cps
Molybdenum	95-1	19856	19873	19798	19842	0.20	cps
Molybdenum	96-1	24823	26526	25624	25658	3.32	cps
Molybdenum	97-1	11805	12598	12056	12153	3.33	cps
Molybdenum	98-1	30292	30952	30943	30729	1.23	cps
Neodymium	150-1	101225	103355	100044	101541	1.65	cps
Neodymium	150-2	32353	33051	32356	32586	1.23	cps
Nickel	60-2	158817	155568	157603	157329	1.04	cps
Phosphorus	31-2	12948	12164	12748	12620	3.23	cps
Potassium	39-2	468559	475860	463269	469229	1.35	cps
Rhodium	103-1	7670128	7667252	7510027	7615802	1.20	cps
Rhodium	103-2	3500543	3446582	3452586	3466571	0.85	cps
Scandium	45-1	6387884	6268393	6067935	6241404	2.59	cps
Scandium	45-2	162029	162386	160226	161547	0.72	cps
Selenium	82-1	2306	2192	2214	2237	2.70	cps
Selenium	77-2	157	180	193	177	10.51	cps
Selenium	78-2	335	311	320	322	3.76	cps
Silicon	28-1	12562846	12686073	12560759	12603226	0.57	cps
Silver	107-1	183943	183933	183436	183771	0.16	cps
Silver	109-1	176145	175098	176513	175919	0.42	cps
Sodium	23-2	184570	180517	183494	182861	1.15	cps
Strontium	86-1	1142566	1136606	1157370	1145514	0.93	cps
Strontium	88-1	9821943	9599745	9710811	9710833	1.14	cps
Sulfur	34-1	432534	437267	437666	435822	0.65	cps
Terbium	159-1	9480070	9840870	9703408	9674783	1.88	cps
Terbium	159-2	4054411	4165545	4137770	4119242	1.40	cps
Thallium	203-1	44920	46844	45263	45676	2.25	cps
Thallium	205-1	106270	107681	108270	107407	0.96	cps
Tin	118-1	267388	269388	262032	266270	1.43	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-16	Instrumnet Name :	P8
Client Sample ID :	MH1FN5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:38:25	DataFile Name :	183AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	354479	343850	351505	349944	1.57	cps
Uranium	238-1	85924	82888	81034	83282	2.96	cps
Vanadium	51-2	285433	279419	281460	282104	1.08	cps
Ytterbium	172-1	14066	14283	14542	14297	1.67	cps
Ytterbium	172-2	7541	7591	7536	7556	0.41	cps
Ytterbium	176-1	9987	9395	9487	9623	3.31	cps
Ytterbium	176-2	9932	9809	10215	9985	2.09	cps
Yttrium	89-1	14083169	13782336	13823059	13896188	1.17	cps
Yttrium	89-2	1313325	1298453	1305950	1305909	0.57	cps
Zinc	66-2	1122566	1133019	1129249	1128278	0.47	cps
Zirconium	90-1	30927	30284	29774	30328	1.90	cps
Zirconium	91-1	6835	7227	6744	6935	3.70	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P8
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:48:41	DataFile Name :	186CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1944388	1966969	1866868	1926075	2.73	cps
Antimony	121-1	2878746	2842256	2915410	2878804	1.27	cps
Arsenic	75-2	72642	72179	72099	72307	0.41	cps
Barium	135-1	3716698	3703722	3811507	3743976	1.57	cps
Barium	137-1	6418867	6243896	6468671	6377145	1.85	cps
Beryllium	9-1	616380	627134	626024	623179	0.95	cps
Bismuth	209-1	4721235	4855956	4490120	4689104	3.95	cps
Bismuth	209-2	2519687	2567803	2519943	2535811	1.09	cps
Boron	10-1	62126	66035	67374	65178	4.18	cps
Boron	11-1	298081	312425	328856	313120	4.92	cps
Bromine	81-1	18762	18301	18561	18541	1.25	cps
Cadmium	111-1	657056	651541	665667	658088	1.08	cps
Cadmium	106-1	78783	76714	77560	77686	1.34	cps
Cadmium	108-1	52621	52822	53441	52961	0.81	cps
Calcium	43-1	5350282	5320785	5529027	5400031	2.09	cps
Calcium	44-1	86583622	87657348	88538880	87593283	1.12	cps
Carbon	12-1	4935669	5149389	5316963	5134007	3.72	cps
Carbon	12-2	56041	58534	56309	56961	2.40	cps
Chlorine	35-1	3736112	3640872	3625595	3667526	1.63	cps
Chlorine	35-2	19589	18813	17853	18752	4.64	cps
Chromium	52-2	767381	764181	759610	763724	0.51	cps
Cobalt	59-2	1483652	1487014	1459369	1476678	1.02	cps
Copper	63-2	10977764	10925221	10840289	10914425	0.64	cps
Dysprosium	156-1	633	650	475	586	16.48	cps
Dysprosium	156-2	257	220	213	230	10.14	cps
Erbium	164-1	150	92	183	142	32.75	cps
Erbium	164-2	60	67	57	61	8.33	cps
Gadolinium	160-1	483	617	500	533	13.62	cps
Gadolinium	160-2	323	270	353	316	13.37	cps
Holmium	165-1	8876847	9032673	8464354	8791292	3.34	cps
Holmium	165-2	4023966	4103246	4006159	4044457	1.28	cps
Indium	115-1	7751275	7703254	7511365	7655298	1.66	cps
Indium	115-2	1055785	1066808	1042615	1055069	1.15	cps
Iron	54-2	8492761	8438816	8259514	8397031	1.45	cps
Iron	56-2	155191492	149200020	150563176	151651563	2.07	cps
Iron	57-2	3943327	3947277	3811824	3900809	1.98	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P8
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:48:41	DataFile Name :	186CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	863	807	860	843	3.77	cps
Lead	206-1	9330070	9543569	9472906	9448848	1.15	cps
Lead	207-1	8127391	8331339	8217203	8225311	1.24	cps
Lead	208-1	37263663	38480950	37950180	37898264	1.61	cps
Lithium	6-1	2494410	2500576	2407666	2467550	2.11	cps
Magnesium	24-2	27897623	28623881	27153707	27891737	2.64	cps
Manganese	55-2	3880270	3836097	3770453	3828940	1.44	cps
Molybdenum	94-1	10287752	10459449	10486165	10411122	1.03	cps
Molybdenum	95-1	14826154	14904807	15029051	14920004	0.69	cps
Molybdenum	96-1	16559603	16424104	16662960	16548889	0.72	cps
Molybdenum	97-1	9106373	8855003	9355134	9105503	2.75	cps
Molybdenum	98-1	24103840	23242806	23932839	23759828	1.92	cps
Neodymium	150-1	227	207	233	222	6.25	cps
Neodymium	150-2	33	30	13	26	41.94	cps
Nickel	60-2	379747	379397	377041	378728	0.39	cps
Phosphorus	31-2	20298	19614	17720	19210	6.95	cps
Potassium	39-2	10488020	10367372	10455736	10437043	0.60	cps
Rhodium	103-1	7205675	6942366	6775813	6974618	3.11	cps
Rhodium	103-2	3262453	3189746	3100920	3184373	2.54	cps
Scandium	45-1	5832278	6036680	5585576	5818178	3.88	cps
Scandium	45-2	150944	153022	152689	152218	0.73	cps
Selenium	82-1	52599	52148	52880	52543	0.70	cps
Selenium	77-2	1303	1390	1263	1319	4.91	cps
Selenium	78-2	4745	4624	4575	4648	1.88	cps
Silicon	28-1	3382500	3643494	3783938	3603311	5.65	cps
Silver	107-1	3583482	3557254	3615973	3585570	0.82	cps
Silver	109-1	3458752	3429019	3480648	3456140	0.75	cps
Sodium	23-2	55926699	55042172	53617353	54862075	2.12	cps
Strontium	86-1	10665095	10722276	10864982	10750784	0.96	cps
Strontium	88-1	93834544	90896315	92081440	92270766	1.60	cps
Sulfur	34-1	679835	681170	686563	682523	0.52	cps
Terbium	159-1	9297477	9334213	8862334	9164675	2.86	cps
Terbium	159-2	3924755	3992220	3906616	3941197	1.14	cps
Thallium	203-1	2269145	2319562	2369259	2319322	2.16	cps
Thallium	205-1	5391167	5480832	5520453	5464151	1.21	cps
Tin	118-1	2478272	2483761	2518507	2493513	0.88	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P8
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:48:41	DataFile Name :	186CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4645825	4694687	4715639	4685384	0.76	cps
Uranium	238-1	6959502	7116249	7098870	7058207	1.22	cps
Vanadium	51-2	640000	636075	630359	635478	0.76	cps
Ytterbium	172-1	50	50	50	50	0.00	cps
Ytterbium	172-2	22	22	56	33	57.75	cps
Ytterbium	176-1	10404	10413	11038	10618	3.42	cps
Ytterbium	176-2	9120	9431	10009	9520	4.74	cps
Yttrium	89-1	12549814	12460341	11703006	12237720	3.80	cps
Yttrium	89-2	1172354	1180258	1157163	1169925	1.00	cps
Zinc	66-2	1080110	1080513	1070969	1077197	0.50	cps
Zirconium	90-1	5695811	5634789	5662885	5664495	0.54	cps
Zirconium	91-1	1239892	1251131	1285367	1258797	1.88	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB048 Instrumnet Name : P8
 Client Sample ID : CCB048 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 20:55:35 DataFile Name : 187CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	130	134	130	2.41	cps
Antimony	121-1	775	692	758	742	5.94	cps
Arsenic	75-2	5	10	10	8	34.64	cps
Barium	135-1	158	158	108	142	20.38	cps
Barium	137-1	217	208	192	206	6.19	cps
Beryllium	9-1	120	96	134	117	16.47	cps
Bismuth	209-1	4833323	4771680	4973126	4859376	2.12	cps
Bismuth	209-2	2684198	2708506	2733201	2708635	0.90	cps
Boron	10-1	2952	2886	2760	2866	3.40	cps
Boron	11-1	13800	13720	13235	13585	2.25	cps
Bromine	81-1	16216	17739	19053	17670	8.03	cps
Cadmium	111-1	275	324	304	301	8.13	cps
Cadmium	106-1	2342	2592	2684	2539	6.97	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	361	309	350	340	8.13	cps
Calcium	44-1	21194	21566	21224	21328	0.97	cps
Carbon	12-1	3376019	3253223	3382233	3337158	2.18	cps
Carbon	12-2	33405	33205	31317	32642	3.53	cps
Chlorine	35-1	2247414	2280443	2243450	2257102	0.90	cps
Chlorine	35-2	12089	12164	11538	11930	2.86	cps
Chromium	52-2	827	750	713	763	7.58	cps
Cobalt	59-2	80	47	80	69	27.93	cps
Copper	63-2	793	793	700	762	7.07	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	42	33	83	53	50.76	cps
Erbium	164-2	23	23	10	19	40.75	cps
Gadolinium	160-1	58	42	8	36	70.51	cps
Gadolinium	160-2	60	33	67	53	33.08	cps
Holmium	165-1	8826563	8520101	8531948	8626204	2.01	cps
Holmium	165-2	3918973	4078125	3962733	3986610	2.06	cps
Indium	115-1	7779701	7919713	7620108	7773174	1.93	cps
Indium	115-2	1109061	1110139	1097883	1105694	0.61	cps
Iron	54-2	472	561	567	533	9.94	cps
Iron	56-2	6096	5607	5195	5633	8.00	cps
Iron	57-2	267	189	250	235	17.41	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P8
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:55:35	DataFile Name :	187CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	847	853	800	833	3.49	cps
Lead	206-1	917	806	883	869	6.57	cps
Lead	207-1	772	733	761	756	2.65	cps
Lead	208-1	3478	3445	3339	3421	2.12	cps
Lithium	6-1	2485280	2426206	2517676	2476387	1.87	cps
Magnesium	24-2	1017	1008	875	967	8.22	cps
Manganese	55-2	153	143	87	128	28.14	cps
Molybdenum	94-1	950	850	667	822	17.48	cps
Molybdenum	95-1	1033	817	567	806	28.99	cps
Molybdenum	96-1	1133	883	800	939	18.48	cps
Molybdenum	97-1	633	500	408	514	22.02	cps
Molybdenum	98-1	1592	1308	1192	1364	15.08	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	73	63	67	8.66	cps
Phosphorus	31-2	50	50	33	44	21.66	cps
Potassium	39-2	14808	15575	15183	15189	2.53	cps
Rhodium	103-1	7316671	7673072	7436857	7475533	2.43	cps
Rhodium	103-2	3390276	3418158	3302079	3370171	1.80	cps
Scandium	45-1	5733320	5930002	5926536	5863286	1.92	cps
Scandium	45-2	156095	155912	153312	155106	1.00	cps
Selenium	82-1	42	-27	111	42	163.52	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	61	53	52	55	8.91	cps
Silicon	28-1	522582	520788	519985	521118	0.26	cps
Silver	107-1	250	358	358	322	19.41	cps
Silver	109-1	458	358	358	392	14.74	cps
Sodium	23-2	16243	15167	15350	15586	3.69	cps
Strontium	86-1	1725	1617	1525	1622	6.17	cps
Strontium	88-1	3334	2525	2417	2759	18.16	cps
Sulfur	34-1	341848	343528	346958	344111	0.76	cps
Terbium	159-1	8880992	8783566	8861699	8842086	0.58	cps
Terbium	159-2	4044265	3990377	3908003	3980881	1.72	cps
Thallium	203-1	517	450	433	467	9.45	cps
Thallium	205-1	1050	975	967	997	4.60	cps
Tin	118-1	575	458	567	533	12.20	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P8
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:55:35	DataFile Name :	187CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	275	317	297	7.06	cps
Uranium	238-1	217	183	208	203	8.55	cps
Vanadium	51-2	3	33	20	19	79.59	cps
Ytterbium	172-1	33	0	17	17	99.99	cps
Ytterbium	172-2	0	6	17	7	114.54	cps
Ytterbium	176-1	675	850	625	717	16.49	cps
Ytterbium	176-2	4468	4962	5095	4842	6.83	cps
Yttrium	89-1	11960319	12254869	12187041	12134077	1.27	cps
Yttrium	89-2	1188503	1172876	1174354	1178577	0.73	cps
Zinc	66-2	137	123	80	113	26.14	cps
Zirconium	90-1	842	933	825	867	6.73	cps
Zirconium	91-1	183	317	167	222	37.00	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141140BL Instrumnet Name : P8
 Client Sample ID : PBS140 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 20:59:52 DataFile Name : 188CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195	149	147	164	16.53	cps
Antimony	121-1	333	317	525	392	29.56	cps
Arsenic	75-2	8	10	3	7	51.51	cps
Barium	135-1	92	242	267	200	47.32	cps
Barium	137-1	125	350	267	247	46.01	cps
Beryllium	9-1	88	126	114	109	17.77	cps
Bismuth	209-1	4723776	4771074	4789680	4761510	0.71	cps
Bismuth	209-2	2748773	2772308	2646340	2722474	2.46	cps
Boron	10-1	1730	1764	1626	1706	4.21	cps
Boron	11-1	8663	8483	8431	8525	1.43	cps
Bromine	81-1	18351	19153	19253	18919	2.61	cps
Cadmium	111-1	329	284	310	308	7.34	cps
Cadmium	106-1	2742	2700	2475	2639	5.44	cps
Cadmium	108-1	17	33	42	31	41.66	cps
Calcium	43-1	224	490	545	420	40.95	cps
Calcium	44-1	19102	23159	24179	22147	12.13	cps
Carbon	12-1	3112492	3147258	3198838	3152863	1.38	cps
Carbon	12-2	30749	30892	30766	30802	0.25	cps
Chlorine	35-1	1856460	1777279	1798213	1810651	2.27	cps
Chlorine	35-2	9954	9637	9620	9737	1.93	cps
Chromium	52-2	723	723	810	752	6.65	cps
Cobalt	59-2	100	93	67	87	20.35	cps
Copper	63-2	887	833	840	853	3.41	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	75	42	61	28.38	cps
Erbium	164-2	33	17	20	23	37.78	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	50	70	90	70	28.57	cps
Holmium	165-1	8508398	8497871	8338626	8448298	1.13	cps
Holmium	165-2	4011294	3993728	3940622	3981882	0.92	cps
Indium	115-1	7738338	7802404	7986571	7842437	1.64	cps
Indium	115-2	1130819	1116237	1113850	1120302	0.82	cps
Iron	54-2	800	744	933	826	11.75	cps
Iron	56-2	9693	9448	8870	9337	4.52	cps
Iron	57-2	367	306	367	346	10.19	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BL	Instrumnet Name :	P8
Client Sample ID :	PBS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:59:52	DataFile Name :	188CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	853	823	860	846	2.31	cps
Lead	206-1	694	1278	1261	1078	30.81	cps
Lead	207-1	633	1128	1156	972	30.22	cps
Lead	208-1	2617	4706	5568	4297	35.32	cps
Lithium	6-1	2581341	2455461	2498614	2511806	2.55	cps
Magnesium	24-2	1425	1400	1425	1417	1.02	cps
Manganese	55-2	243	213	233	230	6.64	cps
Molybdenum	94-1	392	775	758	642	33.77	cps
Molybdenum	95-1	233	850	867	650	55.53	cps
Molybdenum	96-1	392	867	1050	770	44.16	cps
Molybdenum	97-1	283	483	450	406	26.42	cps
Molybdenum	98-1	358	1175	1267	933	53.58	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	80	73	40	64	33.25	cps
Phosphorus	31-2	58	42	17	39	53.93	cps
Potassium	39-2	14474	14433	15442	14783	3.86	cps
Rhodium	103-1	7299538	7267839	7638994	7402124	2.78	cps
Rhodium	103-2	3363812	3402510	3436063	3400795	1.06	cps
Scandium	45-1	5869695	5826721	5940949	5879122	0.98	cps
Scandium	45-2	156792	152901	154751	154815	1.26	cps
Selenium	82-1	-8	-13	-17	-13	-34.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	39	59	46	23.78	cps
Silicon	28-1	522826	515432	519549	519269	0.71	cps
Silver	107-1	292	200	158	217	31.48	cps
Silver	109-1	200	233	125	186	29.81	cps
Sodium	23-2	14641	13081	14308	14010	5.86	cps
Strontium	86-1	1383	1817	1900	1700	16.32	cps
Strontium	88-1	867	3793	4918	3193	65.51	cps
Sulfur	34-1	347571	347705	355656	350310	1.32	cps
Terbium	159-1	8860430	9006596	9057638	8974888	1.14	cps
Terbium	159-2	3944591	4019848	3850629	3938356	2.15	cps
Thallium	203-1	383	292	508	394	27.57	cps
Thallium	205-1	808	825	850	828	2.53	cps
Tin	118-1	458	508	542	503	8.34	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BL	Instrumnet Name :	P8
Client Sample ID :	PBS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 20:59:52	DataFile Name :	188CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	383	408	350	22.96	cps
Uranium	238-1	50	358	250	219	71.28	cps
Vanadium	51-2	13	20	23	19	26.96	cps
Ytterbium	172-1	42	17	17	25	57.73	cps
Ytterbium	172-2	17	11	6	11	49.99	cps
Ytterbium	176-1	850	758	767	792	6.40	cps
Ytterbium	176-2	4712	4934	5046	4897	3.47	cps
Yttrium	89-1	12525241	12260000	12199607	12328283	1.41	cps
Yttrium	89-2	1187438	1196689	1174647	1186258	0.93	cps
Zinc	66-2	183	157	213	184	15.37	cps
Zirconium	90-1	592	850	1117	853	30.78	cps
Zirconium	91-1	250	208	250	236	10.19	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : PB141140BS Instrumnet Name : P8
 Client Sample ID : LCS140 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 21:02:57 DataFile Name : 189LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1671	1729	1587	1662	4.27	cps
Antimony	121-1	20900	21342	21442	21228	1.36	cps
Arsenic	75-2	292	320	290	301	5.58	cps
Barium	135-1	26368	27128	26777	26758	1.42	cps
Barium	137-1	45427	46758	46539	46241	1.54	cps
Beryllium	9-1	2552	2460	2504	2505	1.84	cps
Bismuth	209-1	4675892	4951822	4888850	4838855	2.99	cps
Bismuth	209-2	2695158	2662378	2675446	2677661	0.62	cps
Boron	10-1	6208	6464	6680	6451	3.66	cps
Boron	11-1	29482	30472	32644	30866	5.24	cps
Bromine	81-1	17098	17880	18010	17663	2.79	cps
Cadmium	111-1	2719	2750	2822	2764	1.89	cps
Cadmium	106-1	2567	2784	2892	2748	6.02	cps
Cadmium	108-1	250	225	246	240	5.57	cps
Calcium	43-1	20123	20752	20487	20454	1.55	cps
Calcium	44-1	342444	355960	352026	350143	1.99	cps
Carbon	12-1	3513667	3374855	3493225	3460582	2.17	cps
Carbon	12-2	33021	34065	32537	33208	2.35	cps
Chlorine	35-1	1650002	1645459	1591763	1629075	1.99	cps
Chlorine	35-2	9437	9145	9245	9275	1.60	cps
Chromium	52-2	6785	6545	6438	6589	2.70	cps
Cobalt	59-2	5418	5655	5398	5490	2.60	cps
Copper	63-2	9730	9276	9420	9475	2.45	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	42	67	75	61	28.38	cps
Erbium	164-2	27	30	20	26	19.92	cps
Gadolinium	160-1	42	25	42	36	26.65	cps
Gadolinium	160-2	87	57	70	71	21.14	cps
Holmium	165-1	8580008	8582576	8799684	8654089	1.46	cps
Holmium	165-2	4037783	4001486	3959057	3999442	0.99	cps
Indium	115-1	7646108	7759919	7897968	7767998	1.62	cps
Indium	115-2	1125182	1109821	1108156	1114386	0.84	cps
Iron	54-2	28028	29013	28167	28403	1.88	cps
Iron	56-2	509141	507810	503680	506877	0.56	cps
Iron	57-2	13112	12317	12700	12710	3.13	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BS	Instrumnet Name :	P8
Client Sample ID :	LCS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:02:57	DataFile Name :	189LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	800	860	870	843	4.49	cps
Lead	206-1	7447	8636	8247	8110	7.48	cps
Lead	207-1	6068	7219	7235	6841	9.78	cps
Lead	208-1	29531	34937	34380	32949	9.02	cps
Lithium	6-1	2385808	2446196	2447709	2426571	1.46	cps
Magnesium	24-2	108762	109225	108923	108970	0.22	cps
Manganese	55-2	1847	1783	1870	1833	2.45	cps
Molybdenum	94-1	24814	26459	25465	25580	3.24	cps
Molybdenum	95-1	30384	31261	30451	30699	1.59	cps
Molybdenum	96-1	33725	34761	34460	34315	1.55	cps
Molybdenum	97-1	18813	18947	19356	19038	1.48	cps
Molybdenum	98-1	49255	49071	48745	49024	0.53	cps
Neodymium	150-1	0	27	27	18	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1487	1660	1643	1597	5.99	cps
Phosphorus	31-2	117	108	133	119	10.66	cps
Potassium	39-2	93939	93057	94358	93785	0.71	cps
Rhodium	103-1	7260103	7485843	7377072	7374339	1.53	cps
Rhodium	103-2	3375801	3446477	3456752	3426343	1.29	cps
Scandium	45-1	5685349	6047655	6155540	5962848	4.13	cps
Scandium	45-2	155599	154841	156196	155545	0.44	cps
Selenium	82-1	1058	1011	991	1020	3.38	cps
Selenium	77-2	33	30	20	28	24.98	cps
Selenium	78-2	123	145	140	136	8.48	cps
Silicon	28-1	613220	615098	610381	612900	0.39	cps
Silver	107-1	13073	13465	13390	13310	1.56	cps
Silver	109-1	12256	13490	12614	12787	4.97	cps
Sodium	23-2	220304	216724	220248	219092	0.94	cps
Strontium	86-1	5076	6402	6285	5921	12.40	cps
Strontium	88-1	36089	40661	40351	39034	6.55	cps
Sulfur	34-1	347932	352829	354908	351889	1.02	cps
Terbium	159-1	8739523	8948608	8950748	8879626	1.37	cps
Terbium	159-2	4000176	3926306	3982603	3969695	0.97	cps
Thallium	203-1	8570	8236	8712	8506	2.87	cps
Thallium	205-1	20951	20375	21285	20870	2.21	cps
Tin	118-1	45576	47726	47057	46786	2.35	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	PB141140BS	Instrumnet Name :	P8
Client Sample ID :	LCS140	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:02:57	DataFile Name :	189LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9995	10421	10713	10376	3.48	cps
Uranium	238-1	23205	24399	24758	24121	3.37	cps
Vanadium	51-2	12332	12008	12392	12244	1.69	cps
Ytterbium	172-1	17	42	33	31	41.66	cps
Ytterbium	172-2	11	28	28	22	43.31	cps
Ytterbium	176-1	842	700	867	803	11.20	cps
Ytterbium	176-2	4912	5134	5168	5071	2.74	cps
Yttrium	89-1	12257764	12273767	12050811	12194114	1.02	cps
Yttrium	89-2	1196724	1185978	1196993	1193232	0.53	cps
Zinc	66-2	2480	2487	2364	2444	2.84	cps
Zirconium	90-1	21258	21133	21342	21245	0.49	cps
Zirconium	91-1	5310	4968	5318	5198	3.84	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4907-01 Instrumnet Name : P8
 Client Sample ID : MH1FN6 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 21:09:42 DataFile Name : 190AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1110649	1106054	1102150	1106284	0.38	cps
Antimony	121-1	27144	27178	27169	27164	0.06	cps
Arsenic	75-2	5799	5871	5874	5848	0.73	cps
Barium	135-1	1188429	1192237	1199279	1193315	0.46	cps
Barium	137-1	2056751	2069720	2096826	2074432	0.99	cps
Beryllium	9-1	4080	4286	4046	4137	3.14	cps
Bismuth	209-1	5029884	4982449	4805824	4939386	2.39	cps
Bismuth	209-2	2740159	2850582	2857619	2816120	2.34	cps
Boron	10-1	4528	4600	4718	4615	2.08	cps
Boron	11-1	21403	22365	22817	22195	3.25	cps
Bromine	81-1	27204	27836	27575	27539	1.15	cps
Cadmium	111-1	22119	22550	21661	22110	2.01	cps
Cadmium	106-1	5451	5501	5084	5346	4.26	cps
Cadmium	108-1	1934	1725	1892	1850	5.96	cps
Calcium	43-1	1615405	1611382	1642849	1623212	1.05	cps
Calcium	44-1	25814008	24944686	26455662	25738119	2.95	cps
Carbon	12-1	10068488	10606880	10678364	10451244	3.19	cps
Carbon	12-2	108241	106612	107157	107337	0.77	cps
Chlorine	35-1	18482678	23905587	28334381	23574215	20.93	cps
Chlorine	35-2	198946	212484	223345	211592	5.78	cps
Chromium	52-2	209066	206323	205505	206965	0.90	cps
Cobalt	59-2	89949	90720	89053	89907	0.93	cps
Copper	63-2	864650	873356	845243	861083	1.67	cps
Dysprosium	156-1	64297	63769	63870	63979	0.44	cps
Dysprosium	156-2	28654	28246	27889	28263	1.35	cps
Erbium	164-1	51927	55509	53032	53489	3.43	cps
Erbium	164-2	23190	23431	23801	23474	1.31	cps
Gadolinium	160-1	60605	59827	59250	59894	1.14	cps
Gadolinium	160-2	30685	30084	30535	30435	1.03	cps
Holmium	165-1	8753181	9020988	8463649	8745939	3.19	cps
Holmium	165-2	4110395	4221040	4143311	4158248	1.37	cps
Indium	115-1	8050491	8191195	7745345	7995677	2.85	cps
Indium	115-2	1123976	1155120	1140229	1139775	1.37	cps
Iron	54-2	6230069	6377563	6262836	6290156	1.23	cps
Iron	56-2	114920000	115011766	112756855	114229541	1.12	cps
Iron	57-2	2961067	2917780	2933873	2937573	0.74	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01	Instrumnet Name :	P8
Client Sample ID :	MH1FN6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:09:42	DataFile Name :	190AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	1000	957	967	3.07	cps
Lead	206-1	5474529	5487187	5456148	5472621	0.29	cps
Lead	207-1	4508991	4529386	4539485	4525954	0.34	cps
Lead	208-1	21120311	21152136	20890331	21054259	0.68	cps
Lithium	6-1	2579870	2556833	2450464	2529056	2.73	cps
Magnesium	24-2	1832168	1819114	1791890	1814391	1.13	cps
Manganese	55-2	2464701	2498195	2481764	2481553	0.67	cps
Molybdenum	94-1	23604	24263	25237	24368	3.37	cps
Molybdenum	95-1	20023	20958	20399	20460	2.30	cps
Molybdenum	96-1	26927	27161	27469	27186	1.00	cps
Molybdenum	97-1	13081	12564	12990	12879	2.14	cps
Molybdenum	98-1	32121	32514	33850	32828	2.76	cps
Neodymium	150-1	106587	111090	106432	108036	2.45	cps
Neodymium	150-2	34999	34952	34996	34982	0.07	cps
Nickel	60-2	83550	84315	83544	83803	0.53	cps
Phosphorus	31-2	13523	13832	14341	13899	2.97	cps
Potassium	39-2	524304	523169	524823	524098	0.16	cps
Rhodium	103-1	7728954	7638549	7247489	7538331	3.39	cps
Rhodium	103-2	3444972	3453128	3533729	3477276	1.41	cps
Scandium	45-1	6330454	6048862	6133042	6170786	2.34	cps
Scandium	45-2	161036	163815	162893	162582	0.87	cps
Selenium	82-1	457	464	491	470	3.80	cps
Selenium	77-2	140	197	167	168	16.90	cps
Selenium	78-2	178	176	184	179	2.32	cps
Silicon	28-1	8029089	8215158	8164759	8136335	1.18	cps
Silver	107-1	46287	45358	46136	45927	1.08	cps
Silver	109-1	42751	44406	44088	43748	2.01	cps
Sodium	23-2	156652	153394	155321	155123	1.06	cps
Strontium	86-1	916201	919057	906387	913882	0.73	cps
Strontium	88-1	7891529	7736417	7821188	7816378	0.99	cps
Sulfur	34-1	406243	409380	406179	407267	0.45	cps
Terbium	159-1	9580198	9342391	8864455	9262348	3.94	cps
Terbium	159-2	4107496	4218155	4153829	4159827	1.34	cps
Thallium	203-1	4709	4443	4051	4401	7.53	cps
Thallium	205-1	10221	10163	10880	10421	3.82	cps
Tin	118-1	165943	168810	165310	166687	1.12	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01	Instrumnet Name :	P8
Client Sample ID :	MH1FN6	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:09:42	DataFile Name :	190AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	385170	390480	393300	389650	1.06	cps
Uranium	238-1	85606	84565	84845	85005	0.63	cps
Vanadium	51-2	160127	161562	157797	159829	1.19	cps
Ytterbium	172-1	15159	15993	15977	15710	3.04	cps
Ytterbium	172-2	8742	8903	8759	8801	1.01	cps
Ytterbium	176-1	10755	10129	10963	10616	4.09	cps
Ytterbium	176-2	9882	10243	10849	10325	4.74	cps
Yttrium	89-1	14016279	13755018	13471850	13747715	1.98	cps
Yttrium	89-2	1309315	1348279	1332866	1330153	1.48	cps
Zinc	66-2	1328720	1320603	1353877	1334400	1.30	cps
Zirconium	90-1	34067	32831	35087	33995	3.32	cps
Zirconium	91-1	7052	7152	7877	7360	6.12	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4907-02 Instrumnet Name : P8
 Client Sample ID : MH1FN6D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 21:12:36 DataFile Name : 191AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1297552	1290812	1309946	1299437	0.75	cps
Antimony	121-1	28881	28338	28246	28489	1.20	cps
Arsenic	75-2	6688	6854	6731	6758	1.28	cps
Barium	135-1	1341646	1360051	1361399	1354365	0.81	cps
Barium	137-1	2401512	2354087	2432021	2395873	1.64	cps
Beryllium	9-1	4450	4516	4508	4491	0.80	cps
Bismuth	209-1	5105658	4950083	5049858	5035200	1.57	cps
Bismuth	209-2	2784371	2734738	2619210	2712773	3.12	cps
Boron	10-1	4978	5306	5464	5249	4.72	cps
Boron	11-1	24025	25713	25810	25183	3.99	cps
Bromine	81-1	29572	29100	31417	30030	4.08	cps
Cadmium	111-1	25418	25119	26134	25557	2.04	cps
Cadmium	106-1	5868	5768	6026	5888	2.21	cps
Cadmium	108-1	2146	2196	2142	2161	1.39	cps
Calcium	43-1	1805350	1861477	1829163	1831997	1.54	cps
Calcium	44-1	29694268	29486217	29680631	29620372	0.39	cps
Carbon	12-1	11353053	11351443	11718949	11474482	1.85	cps
Carbon	12-2	115925	115897	117803	116542	0.94	cps
Chlorine	35-1	33003310	37070344	39732107	36601920	9.26	cps
Chlorine	35-2	254392	263850	271869	263370	3.32	cps
Chromium	52-2	238373	235942	239496	237937	0.76	cps
Cobalt	59-2	103694	103211	103053	103319	0.32	cps
Copper	63-2	996574	992701	1007600	998958	0.77	cps
Dysprosium	156-1	72305	71458	72632	72132	0.84	cps
Dysprosium	156-2	32055	33171	32259	32495	1.83	cps
Erbium	164-1	61652	59868	63184	61568	2.70	cps
Erbium	164-2	26754	27211	27188	27051	0.95	cps
Gadolinium	160-1	69742	67414	67831	68329	1.82	cps
Gadolinium	160-2	34979	35103	34481	34855	0.94	cps
Holmium	165-1	9154567	8971464	8952671	9026234	1.24	cps
Holmium	165-2	4313102	4148040	3882917	4114686	5.27	cps
Indium	115-1	8241995	8229763	8269280	8247013	0.25	cps
Indium	115-2	1161225	1165740	1073729	1133565	4.58	cps
Iron	54-2	6963170	7243591	7223854	7143538	2.19	cps
Iron	56-2	131380767	131044047	132268403	131564406	0.48	cps
Iron	57-2	3223440	3313412	3376384	3304412	2.33	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-02	Instrumnet Name :	P8
Client Sample ID :	MH1FN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:12:36	DataFile Name :	191AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	1047	1000	1026	2.31	cps
Lead	206-1	6267340	6283158	6263307	6271268	0.17	cps
Lead	207-1	5174316	5178599	5350717	5234544	1.92	cps
Lead	208-1	24213156	24151992	24523203	24296117	0.82	cps
Lithium	6-1	2506356	2536206	2483705	2508756	1.05	cps
Magnesium	24-2	2071333	2107544	2057112	2078663	1.25	cps
Manganese	55-2	2820869	2838152	2845704	2834908	0.45	cps
Molybdenum	94-1	27336	27411	27135	27294	0.52	cps
Molybdenum	95-1	22343	22327	22444	22371	0.28	cps
Molybdenum	96-1	29925	29173	29599	29566	1.27	cps
Molybdenum	97-1	14066	13640	14241	13982	2.21	cps
Molybdenum	98-1	33733	35964	34778	34825	3.20	cps
Neodymium	150-1	120653	121693	128194	123513	3.31	cps
Neodymium	150-2	39859	39725	40180	39922	0.59	cps
Nickel	60-2	92019	91985	94213	92739	1.38	cps
Phosphorus	31-2	16009	15592	15959	15853	1.44	cps
Potassium	39-2	595376	585156	589174	589902	0.87	cps
Rhodium	103-1	7643769	7699515	7625695	7656327	0.50	cps
Rhodium	103-2	3462895	3568769	3272324	3434663	4.37	cps
Scandium	45-1	6342454	6348265	6243552	6311424	0.93	cps
Scandium	45-2	165262	165445	155271	161993	3.59	cps
Selenium	82-1	484	461	537	494	7.82	cps
Selenium	77-2	203	137	180	173	19.52	cps
Selenium	78-2	161	182	167	170	6.36	cps
Silicon	28-1	9674244	9671288	9165896	9503809	3.08	cps
Silver	107-1	54183	54367	54115	54222	0.24	cps
Silver	109-1	50401	52166	51129	51232	1.73	cps
Sodium	23-2	173143	172521	173238	172967	0.23	cps
Strontium	86-1	1046442	1053771	1048116	1049443	0.37	cps
Strontium	88-1	8972560	9119027	9235993	9109193	1.45	cps
Sulfur	34-1	414293	416437	414962	415231	0.26	cps
Terbium	159-1	9489645	9376480	9220287	9362137	1.44	cps
Terbium	159-2	4235546	4237572	3866889	4113336	5.19	cps
Thallium	203-1	5018	4351	5059	4809	8.27	cps
Thallium	205-1	11072	11522	11347	11314	2.01	cps
Tin	118-1	183361	185411	186307	185026	0.82	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-02	Instrumnet Name :	P8
Client Sample ID :	MH1FN6D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:12:36	DataFile Name :	191AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	426378	430589	423161	426709	0.87	cps
Uranium	238-1	100499	99725	99574	99933	0.50	cps
Vanadium	51-2	181395	181229	182057	181561	0.24	cps
Ytterbium	172-1	18213	17712	17754	17893	1.55	cps
Ytterbium	172-2	10010	9709	10048	9922	1.87	cps
Ytterbium	176-1	11972	12248	11564	11928	2.89	cps
Ytterbium	176-2	10982	11388	10866	11079	2.48	cps
Yttrium	89-1	14049946	14272161	14295352	14205820	0.95	cps
Yttrium	89-2	1387488	1401189	1277622	1355433	5.00	cps
Zinc	66-2	1599371	1592839	1567698	1586636	1.05	cps
Zirconium	90-1	36607	39215	39400	38407	4.07	cps
Zirconium	91-1	8903	8911	8486	8767	2.77	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4907-01LX5 Instrumnet Name : P8
 Client Sample ID : MH1FN6L Dilution Factor : 5
 Date & Time Acquired :: 2021-12-03 21:15:32 DataFile Name : 192AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	212694	212026	209141	211287	0.89	cps
Antimony	121-1	5209	4951	5543	5234	5.67	cps
Arsenic	75-2	1211	1117	1187	1172	4.17	cps
Barium	135-1	230384	230221	232050	230885	0.44	cps
Barium	137-1	383902	390837	390601	388447	1.01	cps
Beryllium	9-1	850	806	760	805	5.59	cps
Bismuth	209-1	4529796	4801818	4684960	4672191	2.92	cps
Bismuth	209-2	2742307	2755506	2773343	2757052	0.56	cps
Boron	10-1	1924	1910	1948	1927	1.00	cps
Boron	11-1	9061	9307	9099	9156	1.45	cps
Bromine	81-1	21058	21569	20847	21158	1.75	cps
Cadmium	111-1	4765	4703	4861	4776	1.67	cps
Cadmium	106-1	3192	3409	3217	3273	3.62	cps
Cadmium	108-1	371	383	267	340	18.82	cps
Calcium	43-1	299616	303158	305816	302863	1.03	cps
Calcium	44-1	4805201	4885020	4910461	4866894	1.13	cps
Carbon	12-1	4510384	4440543	4365797	4438908	1.63	cps
Carbon	12-2	44543	43858	43181	43861	1.55	cps
Chlorine	35-1	14669463	14916382	15034070	14873305	1.25	cps
Chlorine	35-2	81143	83306	82518	82323	1.33	cps
Chromium	52-2	41380	40183	40735	40766	1.47	cps
Cobalt	59-2	17511	17674	17187	17457	1.42	cps
Copper	63-2	168431	168505	165645	167527	0.97	cps
Dysprosium	156-1	13165	12565	12148	12626	4.05	cps
Dysprosium	156-2	5451	5444	5391	5429	0.61	cps
Erbium	164-1	10488	9929	10037	10151	2.92	cps
Erbium	164-2	4491	4701	4541	4578	2.40	cps
Gadolinium	160-1	10721	11564	11413	11233	4.00	cps
Gadolinium	160-2	6212	5808	5855	5958	3.71	cps
Holmium	165-1	8142681	8399871	8586303	8376285	2.66	cps
Holmium	165-2	3966242	4107883	3987041	4020389	1.90	cps
Indium	115-1	7445498	7891725	7711896	7683040	2.92	cps
Indium	115-2	1123151	1146701	1124271	1131374	1.17	cps
Iron	54-2	1182105	1180854	1177705	1180221	0.19	cps
Iron	56-2	22447052	22361356	22253805	22354071	0.43	cps
Iron	57-2	542865	539114	540186	540722	0.36	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 21:15:32	DataFile Name :	192AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	907	930	1000	946	5.14	cps
Lead	206-1	964521	982295	989725	978847	1.32	cps
Lead	207-1	830218	831214	826712	829381	0.29	cps
Lead	208-1	3911271	3991107	3985418	3962599	1.12	cps
Lithium	6-1	2347329	2359359	2383794	2363494	0.79	cps
Magnesium	24-2	337995	341668	339696	339787	0.54	cps
Manganese	55-2	467277	466648	464243	466056	0.34	cps
Molybdenum	94-1	4759	4984	5159	4968	4.04	cps
Molybdenum	95-1	4409	3892	4067	4123	6.38	cps
Molybdenum	96-1	5435	5468	5351	5418	1.11	cps
Molybdenum	97-1	2575	2392	2642	2536	5.11	cps
Molybdenum	98-1	6368	6302	6577	6416	2.24	cps
Neodymium	150-1	20856	20589	20910	20785	0.83	cps
Neodymium	150-2	6945	6882	6738	6855	1.55	cps
Nickel	60-2	16236	16069	17014	16440	3.07	cps
Phosphorus	31-2	2984	2509	2517	2670	10.19	cps
Potassium	39-2	113150	111438	113755	112781	1.07	cps
Rhodium	103-1	7110597	7512594	7487708	7370300	3.06	cps
Rhodium	103-2	3428677	3510013	3325323	3421338	2.71	cps
Scandium	45-1	5721096	5972626	6091640	5928454	3.19	cps
Scandium	45-2	156961	158699	157267	157643	0.59	cps
Selenium	82-1	54	60	11	42	63.54	cps
Selenium	77-2	20	40	20	27	43.30	cps
Selenium	78-2	71	71	85	76	10.68	cps
Silicon	28-1	1921587	1934999	1966884	1941157	1.20	cps
Silver	107-1	8811	8953	8628	8797	1.85	cps
Silver	109-1	8478	8661	8328	8489	1.97	cps
Sodium	23-2	38443	39404	39554	39134	1.54	cps
Strontium	86-1	174811	177867	182356	178345	2.13	cps
Strontium	88-1	1515184	1513005	1522858	1517016	0.34	cps
Sulfur	34-1	354974	345825	348009	349603	1.37	cps
Terbium	159-1	8584254	8938418	9116243	8879638	3.05	cps
Terbium	159-2	3970285	4070087	3956818	3999063	1.55	cps
Thallium	203-1	1092	908	992	997	9.21	cps
Thallium	205-1	2292	2467	2225	2328	5.36	cps
Tin	118-1	31053	31963	32063	31693	1.76	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH1FN6L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-03 21:15:32	DataFile Name :	192AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	73137	76111	74938	74729	2.00	cps
Uranium	238-1	15460	16403	16052	15972	2.98	cps
Vanadium	51-2	31074	30997	30486	30852	1.04	cps
Ytterbium	172-1	3000	2875	3134	3003	4.30	cps
Ytterbium	172-2	1678	1633	1545	1619	4.20	cps
Ytterbium	176-1	2775	2684	2975	2811	5.31	cps
Ytterbium	176-2	5546	6257	6129	5977	6.35	cps
Yttrium	89-1	12276086	12643463	12448582	12456044	1.48	cps
Yttrium	89-2	1237464	1257251	1236667	1243794	0.94	cps
Zinc	66-2	263076	263892	259398	262122	0.91	cps
Zirconium	90-1	7144	7177	6643	6988	4.28	cps
Zirconium	91-1	1617	1733	1625	1658	3.92	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-03	Instrumnet Name :	P8
Client Sample ID :	MH1FN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:18:32	DataFile Name :	193AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1627201	1626346	1594837	1616128	1.14	cps
Antimony	121-1	81284	79306	82298	80962	1.88	cps
Arsenic	75-2	9516	9415	9322	9418	1.03	cps
Barium	135-1	2370478	2309970	2359245	2346564	1.37	cps
Barium	137-1	3988822	3979271	3961043	3976379	0.35	cps
Beryllium	9-1	18938	18822	18684	18815	0.68	cps
Bismuth	209-1	4934408	4998221	4901749	4944793	0.99	cps
Bismuth	209-2	2671583	2869023	2725237	2755281	3.71	cps
Boron	10-1	5426	5618	5948	5664	4.66	cps
Boron	11-1	27184	28017	29357	28186	3.89	cps
Bromine	81-1	29712	31759	32873	31448	5.10	cps
Cadmium	111-1	45017	46462	45816	45765	1.58	cps
Cadmium	106-1	7786	8003	8036	7941	1.71	cps
Cadmium	108-1	3601	3551	3534	3562	0.97	cps
Calcium	43-1	2223091	2260591	2229125	2237602	0.90	cps
Calcium	44-1	36068180	36112179	35686221	35955526	0.65	cps
Carbon	12-1	12660663	12486419	12896232	12681104	1.62	cps
Carbon	12-2	129098	132706	128754	130186	1.68	cps
Chlorine	35-1	33120868	38258916	41267380	37549055	10.97	cps
Chlorine	35-2	271913	281848	290456	281406	3.30	cps
Chromium	52-2	359927	358373	358909	359070	0.22	cps
Cobalt	59-2	444407	441663	440383	442151	0.46	cps
Copper	63-2	1300239	1283512	1298389	1294046	0.71	cps
Dysprosium	156-1	88771	89298	89232	89101	0.32	cps
Dysprosium	156-2	40341	40247	39726	40105	0.83	cps
Erbium	164-1	73103	74636	75633	74457	1.71	cps
Erbium	164-2	33549	33302	32851	33234	1.07	cps
Gadolinium	160-1	82087	85525	81626	83079	2.56	cps
Gadolinium	160-2	42284	42698	42421	42467	0.50	cps
Holmium	165-1	8688281	8724059	9137275	8849872	2.82	cps
Holmium	165-2	3965263	4260495	4181806	4135855	3.70	cps
Indium	115-1	8251086	8170188	8122021	8181099	0.80	cps
Indium	115-2	1093650	1145958	1145216	1128275	2.66	cps
Iron	54-2	8511746	8286807	8337231	8378595	1.41	cps
Iron	56-2	159455165	153751709	152184176	155130350	2.47	cps
Iron	57-2	3850088	3878713	3785426	3838076	1.25	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-03	Instrumnet Name :	P8
Client Sample ID :	MH1FN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:18:32	DataFile Name :	193AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1007	970	1008	3.81	cps
Lead	206-1	7525681	7738981	7687753	7650805	1.46	cps
Lead	207-1	6369728	6468401	6361339	6399823	0.93	cps
Lead	208-1	29686848	30309981	29435035	29810622	1.51	cps
Lithium	6-1	2543050	2440844	2517582	2500492	2.13	cps
Magnesium	24-2	2564425	2520018	2519805	2534749	1.01	cps
Manganese	55-2	3721224	3616747	3531528	3623166	2.62	cps
Molybdenum	94-1	33984	33792	33626	33801	0.53	cps
Molybdenum	95-1	26735	26902	29649	27762	5.89	cps
Molybdenum	96-1	36390	35922	37159	36490	1.71	cps
Molybdenum	97-1	17019	17036	16368	16808	2.26	cps
Molybdenum	98-1	44773	44112	44430	44439	0.74	cps
Neodymium	150-1	149235	151845	149725	150268	0.92	cps
Neodymium	150-2	49464	48855	48380	48900	1.11	cps
Nickel	60-2	207671	204942	201978	204864	1.39	cps
Phosphorus	31-2	18879	19288	19088	19085	1.07	cps
Potassium	39-2	732954	721615	712201	722257	1.44	cps
Rhodium	103-1	7577549	7711137	7715210	7667965	1.02	cps
Rhodium	103-2	3219746	3418088	3512235	3383356	4.41	cps
Scandium	45-1	6369190	6238134	6257993	6288439	1.12	cps
Scandium	45-2	156313	166229	165318	162620	3.37	cps
Selenium	82-1	2158	2150	2140	2150	0.42	cps
Selenium	77-2	270	277	220	256	12.12	cps
Selenium	78-2	378	347	383	369	5.28	cps
Silicon	28-1	10898598	10534518	10356687	10596601	2.61	cps
Silver	107-1	161025	161035	161810	161290	0.28	cps
Silver	109-1	153588	153652	154209	153816	0.22	cps
Sodium	23-2	213181	212059	210945	212062	0.53	cps
Strontium	86-1	1294559	1285906	1318101	1299522	1.28	cps
Strontium	88-1	11215416	11092911	11292808	11200378	0.90	cps
Sulfur	34-1	433066	431802	430709	431859	0.27	cps
Terbium	159-1	9458058	9502410	9280396	9413621	1.25	cps
Terbium	159-2	3866998	4181457	4196640	4081699	4.56	cps
Thallium	203-1	47848	46459	47362	47223	1.49	cps
Thallium	205-1	109302	111603	108950	109952	1.31	cps
Tin	118-1	222238	217020	222558	220605	1.41	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-03	Instrumnet Name :	P8
Client Sample ID :	MH1FN6S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:18:32	DataFile Name :	193AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	485316	487490	487970	486925	0.29	cps
Uranium	238-1	113364	113447	117450	114754	2.04	cps
Vanadium	51-2	362133	360159	355443	359245	0.96	cps
Ytterbium	172-1	22637	22737	22177	22517	1.32	cps
Ytterbium	172-2	11817	11516	11355	11563	2.03	cps
Ytterbium	176-1	14350	13958	13365	13891	3.57	cps
Ytterbium	176-2	11995	12734	13168	12632	4.70	cps
Yttrium	89-1	14769371	14669899	14603536	14680935	0.57	cps
Yttrium	89-2	1366202	1399512	1412637	1392784	1.72	cps
Zinc	66-2	1941438	1987705	1949106	1959416	1.27	cps
Zirconium	90-1	47381	48235	49999	48538	2.75	cps
Zirconium	91-1	11514	12602	10963	11693	7.13	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4907-04 Instrumnet Name : P8
 Client Sample ID : MH1G88 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 21:24:48 DataFile Name : 195AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1178134	1150896	1155888	1161639	1.25	cps
Antimony	121-1	13982	14550	15134	14555	3.95	cps
Arsenic	75-2	4481	4399	4443	4441	0.92	cps
Barium	135-1	551576	570597	552535	558236	1.92	cps
Barium	137-1	982670	971270	978393	977444	0.59	cps
Beryllium	9-1	2916	2848	2888	2884	1.19	cps
Bismuth	209-1	4856953	4697156	4840438	4798182	1.83	cps
Bismuth	209-2	2551087	2632436	2798820	2660781	4.75	cps
Boron	10-1	134635	145144	152009	143930	6.08	cps
Boron	11-1	657636	692906	732390	694311	5.39	cps
Bromine	81-1	50663	49789	51467	50640	1.66	cps
Cadmium	111-1	6135	6220	6151	6169	0.73	cps
Cadmium	106-1	3867	3851	3542	3753	4.88	cps
Cadmium	108-1	558	542	554	551	1.57	cps
Calcium	43-1	6390528	6244494	6421716	6352246	1.49	cps
Calcium	44-1	105932589	103761827	105592286	105095567	1.11	cps
Carbon	12-1	4959616	5138351	5064499	5054155	1.78	cps
Carbon	12-2	49978	50270	50889	50379	0.92	cps
Chlorine	35-1	37437041	42185149	45032892	41551694	9.24	cps
Chlorine	35-2	281510	287461	292444	287138	1.91	cps
Chromium	52-2	81225	79010	80937	80391	1.50	cps
Cobalt	59-2	77489	76632	77506	77209	0.65	cps
Copper	63-2	305213	300802	302134	302716	0.75	cps
Dysprosium	156-1	76152	71844	71853	73283	3.39	cps
Dysprosium	156-2	32997	31881	32667	32515	1.76	cps
Erbium	164-1	61561	63369	62916	62615	1.50	cps
Erbium	164-2	27285	26687	27465	27146	1.50	cps
Gadolinium	160-1	68292	69742	69089	69041	1.05	cps
Gadolinium	160-2	35928	35086	35327	35447	1.22	cps
Holmium	165-1	8815005	8801475	8878873	8831784	0.47	cps
Holmium	165-2	3793865	3987928	4190709	3990834	4.97	cps
Indium	115-1	7920038	7969356	7965996	7951797	0.35	cps
Indium	115-2	1044634	1102783	1141465	1096294	4.45	cps
Iron	54-2	4197854	4118696	4070369	4128973	1.56	cps
Iron	56-2	77693327	76543854	76522549	76919910	0.87	cps
Iron	57-2	1968713	1957525	1939580	1955273	0.75	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-04	Instrumnet Name :	P8
Client Sample ID :	MH1G88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:24:48	DataFile Name :	195AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1107	1020	1073	1067	4.10	cps
Lead	206-1	1090584	1090003	1101171	1093919	0.57	cps
Lead	207-1	934775	920664	927050	927496	0.76	cps
Lead	208-1	4460827	4413392	4412355	4428858	0.63	cps
Lithium	6-1	2503706	2442649	2458205	2468187	1.29	cps
Magnesium	24-2	3368350	3360693	3366003	3365015	0.12	cps
Manganese	55-2	1064120	1040787	1049902	1051603	1.12	cps
Molybdenum	94-1	28037	29440	29098	28859	2.53	cps
Molybdenum	95-1	31135	32004	33257	32132	3.32	cps
Molybdenum	96-1	38972	38680	39406	39019	0.94	cps
Molybdenum	97-1	19998	19556	20365	19973	2.03	cps
Molybdenum	98-1	51229	50677	51722	51209	1.02	cps
Neodymium	150-1	128169	125455	124467	126030	1.52	cps
Neodymium	150-2	40026	39217	40585	39943	1.72	cps
Nickel	60-2	50934	50021	49984	50313	1.07	cps
Phosphorus	31-2	7469	7402	7569	7480	1.12	cps
Potassium	39-2	764062	761398	754319	759927	0.66	cps
Rhodium	103-1	7628091	7388060	7416712	7477621	1.75	cps
Rhodium	103-2	3175079	3341741	3347937	3288252	2.98	cps
Scandium	45-1	6458942	6304434	6282203	6348527	1.52	cps
Scandium	45-2	151320	159835	163658	158271	3.99	cps
Selenium	82-1	2638	2726	2711	2692	1.74	cps
Selenium	77-2	187	237	273	232	18.73	cps
Selenium	78-2	395	409	409	404	2.00	cps
Silicon	28-1	7901698	8156750	7973836	8010761	1.64	cps
Silver	107-1	9187	8553	8978	8906	3.63	cps
Silver	109-1	8553	7794	8786	8378	6.19	cps
Sodium	23-2	7012918	6980168	6830922	6941336	1.40	cps
Strontium	86-1	3024091	2969266	2955118	2982825	1.22	cps
Strontium	88-1	25052330	24687692	25497056	25079026	1.62	cps
Sulfur	34-1	1707601	1726180	1702060	1711947	0.74	cps
Terbium	159-1	9038418	9163387	9214865	9138890	0.99	cps
Terbium	159-2	3794770	3902035	4086492	3927766	3.76	cps
Thallium	203-1	4693	4618	4293	4534	4.69	cps
Thallium	205-1	9946	10538	10596	10360	3.47	cps
Tin	118-1	650093	629800	650708	643534	1.85	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-04	Instrumnet Name :	P8
Client Sample ID :	MH1G88	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:24:48	DataFile Name :	195AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	384508	378227	386448	383061	1.12	cps
Uranium	238-1	109774	114608	113527	112636	2.25	cps
Vanadium	51-2	197103	196633	197460	197065	0.21	cps
Ytterbium	172-1	17862	17362	17687	17637	1.44	cps
Ytterbium	172-2	9593	9776	9120	9496	3.56	cps
Ytterbium	176-1	11505	11839	12423	11922	3.90	cps
Ytterbium	176-2	10460	10816	10732	10669	1.74	cps
Yttrium	89-1	14040982	14040127	14050521	14043877	0.04	cps
Yttrium	89-2	1250630	1324045	1350746	1308474	3.96	cps
Zinc	66-2	289433	286932	285997	287454	0.62	cps
Zirconium	90-1	28330	27211	28062	27867	2.10	cps
Zirconium	91-1	5951	6177	6385	6171	3.51	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCV049 Instrumnet Name : P8
 Client Sample ID : CCV049 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 21:38:26 DataFile Name : 197CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1896927	1865523	1902750	1888400	1.06	cps
Antimony	121-1	2786463	2806571	2830950	2807995	0.79	cps
Arsenic	75-2	73678	71998	72496	72724	1.19	cps
Barium	135-1	3711949	3641416	3694276	3682547	1.00	cps
Barium	137-1	6253203	6238053	6234765	6242007	0.16	cps
Beryllium	9-1	597630	602163	605791	601861	0.68	cps
Bismuth	209-1	4583876	4490843	4600567	4558429	1.30	cps
Bismuth	209-2	2508570	2451880	2566462	2508971	2.28	cps
Boron	10-1	62524	65000	66546	64690	3.14	cps
Boron	11-1	295884	315403	322224	311170	4.39	cps
Bromine	81-1	19063	18351	18532	18648	1.98	cps
Cadmium	111-1	643086	663486	646836	651136	1.67	cps
Cadmium	106-1	77258	75902	77176	76779	0.99	cps
Cadmium	108-1	52855	52617	51170	52214	1.75	cps
Calcium	43-1	5311902	5338341	5357265	5335836	0.43	cps
Calcium	44-1	84990531	85525699	86193353	85569861	0.70	cps
Carbon	12-1	4668807	4901066	5161859	4910577	5.02	cps
Carbon	12-2	53916	56325	54886	55043	2.20	cps
Chlorine	35-1	2472168	2429480	2395847	2432498	1.57	cps
Chlorine	35-2	12881	12889	12080	12617	3.68	cps
Chromium	52-2	766179	757522	762572	762091	0.57	cps
Cobalt	59-2	1474494	1449786	1473270	1465850	0.95	cps
Copper	63-2	10996322	11040351	10836953	10957875	0.98	cps
Dysprosium	156-1	575	508	467	517	10.58	cps
Dysprosium	156-2	297	293	230	273	13.74	cps
Erbium	164-1	108	108	108	108	0.00	cps
Erbium	164-2	67	63	53	61	11.36	cps
Gadolinium	160-1	442	475	425	447	5.69	cps
Gadolinium	160-2	333	297	270	300	10.60	cps
Holmium	165-1	8556638	8927041	8497817	8660499	2.69	cps
Holmium	165-2	4094269	3923130	3951169	3989523	2.30	cps
Indium	115-1	7566596	7722699	7601776	7630357	1.07	cps
Indium	115-2	1066953	1058955	1065142	1063683	0.39	cps
Iron	54-2	8350086	8169936	8115942	8211988	1.49	cps
Iron	56-2	146388348	150395159	148179453	148320987	1.35	cps
Iron	57-2	3862085	3720032	3767269	3783128	1.91	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P8
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:38:26	DataFile Name :	197CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	837	847	783	822	4.14	cps
Lead	206-1	9227632	9443158	9238979	9303256	1.30	cps
Lead	207-1	8085423	8016438	8094834	8065565	0.53	cps
Lead	208-1	36709981	36403466	37053800	36722416	0.89	cps
Lithium	6-1	2411662	2497320	2513899	2474294	2.22	cps
Magnesium	24-2	28237563	27583815	27508745	27776708	1.44	cps
Manganese	55-2	3892435	3887727	3818323	3866162	1.07	cps
Molybdenum	94-1	11028354	11004586	11062636	11031859	0.26	cps
Molybdenum	95-1	15707340	15924253	16076659	15902751	1.17	cps
Molybdenum	96-1	17244857	17536332	17921412	17567534	1.93	cps
Molybdenum	97-1	9787545	10013995	9882508	9894683	1.15	cps
Molybdenum	98-1	25586716	26013221	25721590	25773842	0.85	cps
Neodymium	150-1	233	180	247	220	16.03	cps
Neodymium	150-2	33	20	13	22	45.83	cps
Nickel	60-2	377928	378308	376527	377588	0.25	cps
Phosphorus	31-2	19438	18621	18629	18896	2.49	cps
Potassium	39-2	10347846	10208367	10464222	10340145	1.24	cps
Rhodium	103-1	7114054	7014149	7080901	7069702	0.72	cps
Rhodium	103-2	3191409	3157331	3155108	3167949	0.64	cps
Scandium	45-1	5815760	5786834	5929469	5844021	1.29	cps
Scandium	45-2	153864	153367	152938	153390	0.30	cps
Selenium	82-1	52162	52080	52947	52397	0.91	cps
Selenium	77-2	1313	1250	1327	1297	3.16	cps
Selenium	78-2	4827	4758	4711	4766	1.22	cps
Silicon	28-1	3124582	3254899	3418769	3266083	4.51	cps
Silver	107-1	3489678	3502783	3516626	3503029	0.38	cps
Silver	109-1	3387970	3392956	3361645	3380857	0.50	cps
Sodium	23-2	54672649	53878074	54531451	54360725	0.78	cps
Strontium	86-1	10602091	10390116	10478668	10490292	1.01	cps
Strontium	88-1	89754773	89188417	90134971	89692720	0.53	cps
Sulfur	34-1	681648	669730	667236	672871	1.14	cps
Terbium	159-1	8952380	8916804	9331947	9067043	2.54	cps
Terbium	159-2	3956964	3966526	4052878	3992123	1.32	cps
Thallium	203-1	2293792	2346230	2311591	2317204	1.15	cps
Thallium	205-1	5454852	5468666	5483783	5469100	0.26	cps
Tin	118-1	2399516	2460305	2446882	2435567	1.31	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P8
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:38:26	DataFile Name :	197CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5010901	4977919	5116943	5035254	1.44	cps
Uranium	238-1	6724111	6672536	6776585	6724411	0.77	cps
Vanadium	51-2	639719	622271	625179	629056	1.49	cps
Ytterbium	172-1	58	83	67	69	18.34	cps
Ytterbium	172-2	61	28	28	39	49.48	cps
Ytterbium	176-1	10496	9987	10663	10382	3.39	cps
Ytterbium	176-2	10032	9765	9120	9639	4.86	cps
Yttrium	89-1	12464470	12482660	12454158	12467096	0.12	cps
Yttrium	89-2	1182668	1175084	1183987	1180580	0.41	cps
Zinc	66-2	1087474	1089546	1074974	1083998	0.73	cps
Zirconium	90-1	5587657	5716748	5626300	5643568	1.17	cps
Zirconium	91-1	1227113	1256895	1253102	1245703	1.30	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB049 Instrumnet Name : P8
 Client Sample ID : CCB049 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 21:45:00 DataFile Name : 198CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136	120	130	129	6.36	cps
Antimony	121-1	508	542	833	628	28.48	cps
Arsenic	75-2	5	10	6	7	37.80	cps
Barium	135-1	117	108	183	136	30.20	cps
Barium	137-1	175	208	317	233	31.74	cps
Beryllium	9-1	156	82	122	120	30.87	cps
Bismuth	209-1	4717678	4688674	4687853	4698068	0.36	cps
Bismuth	209-2	2744200	2666359	2665472	2692010	1.68	cps
Boron	10-1	3548	3492	2960	3333	9.74	cps
Boron	11-1	15853	15615	15055	15508	2.64	cps
Bromine	81-1	17128	18832	18231	18064	4.78	cps
Cadmium	111-1	342	296	258	299	13.97	cps
Cadmium	106-1	2259	2567	2134	2320	9.62	cps
Cadmium	108-1	25	21	25	24	10.20	cps
Calcium	43-1	356	369	422	382	9.20	cps
Calcium	44-1	21125	21203	22280	21536	3.00	cps
Carbon	12-1	3063003	2972054	3016898	3017318	1.51	cps
Carbon	12-2	28887	28612	29338	28946	1.27	cps
Chlorine	35-1	1675818	1654320	1662735	1664291	0.65	cps
Chlorine	35-2	9387	9345	8536	9089	5.27	cps
Chromium	52-2	753	747	727	742	1.87	cps
Cobalt	59-2	47	63	53	54	15.40	cps
Copper	63-2	837	713	683	744	10.92	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	83	42	33	53	50.76	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	30	43	60	44	33.82	cps
Holmium	165-1	8233644	8167135	8183017	8194599	0.42	cps
Holmium	165-2	4012957	3996129	3870227	3959771	1.97	cps
Indium	115-1	7780295	7368887	7407581	7518921	3.02	cps
Indium	115-2	1107364	1101495	1106767	1105209	0.29	cps
Iron	54-2	561	533	500	532	5.76	cps
Iron	56-2	6285	5379	5579	5748	8.28	cps
Iron	57-2	294	272	228	265	12.82	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P8
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:45:00	DataFile Name :	198CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	873	883	877	0.66	cps
Lead	206-1	806	878	1017	900	11.92	cps
Lead	207-1	672	828	778	759	10.46	cps
Lead	208-1	3406	3528	3750	3561	4.90	cps
Lithium	6-1	2415804	2353996	2441501	2403767	1.87	cps
Magnesium	24-2	1033	975	975	995	3.39	cps
Manganese	55-2	140	127	140	136	5.68	cps
Molybdenum	94-1	850	808	708	789	9.23	cps
Molybdenum	95-1	892	650	1025	856	22.22	cps
Molybdenum	96-1	1033	983	1000	1006	2.53	cps
Molybdenum	97-1	392	367	558	439	23.74	cps
Molybdenum	98-1	1425	1250	1175	1283	10.00	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	60	37	57	32.75	cps
Phosphorus	31-2	75	42	42	53	36.46	cps
Potassium	39-2	15542	15342	15067	15317	1.56	cps
Rhodium	103-1	7281104	7282028	7231057	7264730	0.40	cps
Rhodium	103-2	3402143	3357668	3363759	3374523	0.71	cps
Scandium	45-1	5902943	5694837	5803479	5800420	1.79	cps
Scandium	45-2	153002	153107	155101	153737	0.77	cps
Selenium	82-1	30	25	0	18	87.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	39	51	50	47	14.28	cps
Silicon	28-1	523088	522582	519765	521812	0.34	cps
Silver	107-1	408	292	317	339	18.13	cps
Silver	109-1	242	308	317	289	14.23	cps
Sodium	23-2	14216	14116	13215	13849	3.98	cps
Strontium	86-1	1809	1700	1750	1753	3.09	cps
Strontium	88-1	2909	2492	3342	2914	14.59	cps
Sulfur	34-1	349508	349389	347646	348848	0.30	cps
Terbium	159-1	9029152	8581136	8708407	8772898	2.63	cps
Terbium	159-2	3907072	3880940	3900138	3896050	0.35	cps
Thallium	203-1	492	483	492	489	0.98	cps
Thallium	205-1	917	883	1050	950	9.28	cps
Tin	118-1	558	433	592	528	15.82	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P8
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 21:45:00	DataFile Name :	198CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	275	292	283	2.94	cps
Uranium	238-1	150	183	267	200	30.05	cps
Vanadium	51-2	10	27	10	16	61.87	cps
Ytterbium	172-1	17	50	42	36	48.03	cps
Ytterbium	172-2	11	22	17	17	33.33	cps
Ytterbium	176-1	708	675	800	728	8.89	cps
Ytterbium	176-2	4395	4768	4957	4706	6.07	cps
Yttrium	89-1	12424997	11822822	11802034	12016618	2.94	cps
Yttrium	89-2	1187322	1179885	1187571	1184926	0.37	cps
Zinc	66-2	157	173	140	157	10.64	cps
Zirconium	90-1	883	1092	867	947	13.24	cps
Zirconium	91-1	133	192	200	175	20.76	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:34:18	DataFile Name :	199AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	686579	690236	685770	687528	0.35	cps
Antimony	121-1	42801	41790	42183	42258	1.21	cps
Arsenic	75-2	6310	6271	6098	6226	1.81	cps
Barium	135-1	744577	763670	773568	760605	1.94	cps
Barium	137-1	1304091	1334217	1333796	1324035	1.30	cps
Beryllium	9-1	2758	2634	2754	2715	2.60	cps
Bismuth	209-1	4720844	4732395	4731555	4728265	0.14	cps
Bismuth	209-2	2724922	2674796	2727952	2709223	1.10	cps
Boron	10-1	2774	2972	3100	2948	5.57	cps
Boron	11-1	13311	13806	14690	13936	5.01	cps
Bromine	81-1	23063	23534	23584	23394	1.23	cps
Cadmium	111-1	16630	16896	17166	16897	1.58	cps
Cadmium	106-1	4017	3917	4342	4092	5.43	cps
Cadmium	108-1	1296	1283	1317	1299	1.30	cps
Calcium	43-1	3010723	3013922	3017777	3014141	0.12	cps
Calcium	44-1	50446513	48739400	48423072	49202995	2.21	cps
Carbon	12-1	5079475	4949188	5052713	5027125	1.37	cps
Carbon	12-2	51608	53172	51901	52227	1.59	cps
Chlorine	35-1	16958359	22290390	26178872	21809207	21.23	cps
Chlorine	35-2	195608	214279	230119	213335	8.10	cps
Chromium	52-2	76664	75340	76282	76095	0.90	cps
Cobalt	59-2	66163	66920	66176	66420	0.65	cps
Copper	63-2	621485	625251	620661	622466	0.39	cps
Dysprosium	156-1	48196	48865	50161	49074	2.04	cps
Dysprosium	156-2	22593	22529	22299	22473	0.69	cps
Erbium	164-1	41708	41591	41423	41574	0.34	cps
Erbium	164-2	18717	18540	18440	18565	0.76	cps
Gadolinium	160-1	45295	45453	46306	45685	1.19	cps
Gadolinium	160-2	24262	24573	23638	24158	1.97	cps
Holmium	165-1	8422156	8438652	8158236	8339681	1.89	cps
Holmium	165-2	4205948	4189823	4042382	4146051	2.17	cps
Indium	115-1	7778532	7817754	7713284	7769857	0.68	cps
Indium	115-2	1136987	1138690	1139192	1138290	0.10	cps
Iron	54-2	4217767	4093868	4165950	4159195	1.50	cps
Iron	56-2	75762710	75724324	75721832	75736289	0.03	cps
Iron	57-2	1920905	1947141	1894460	1920835	1.37	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:34:18	DataFile Name :	199AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1040	1060	1042	1.61	cps
Lead	206-1	4247605	4124581	4030827	4134338	2.63	cps
Lead	207-1	3531870	3444593	3569614	3515359	1.82	cps
Lead	208-1	16366175	16182725	16320207	16289703	0.59	cps
Lithium	6-1	2341184	2381040	2345357	2355860	0.93	cps
Magnesium	24-2	6703777	6663337	6718149	6695087	0.42	cps
Manganese	55-2	2347711	2300552	2309510	2319258	1.08	cps
Molybdenum	94-1	14249	14133	14608	14330	1.73	cps
Molybdenum	95-1	11613	11230	12031	11625	3.44	cps
Molybdenum	96-1	15217	16035	15109	15453	3.28	cps
Molybdenum	97-1	6627	7244	7252	7041	5.09	cps
Molybdenum	98-1	17937	18137	18713	18263	2.21	cps
Neodymium	150-1	83572	85806	84633	84670	1.32	cps
Neodymium	150-2	28647	27104	27174	27642	3.15	cps
Nickel	60-2	55775	55923	54209	55303	1.72	cps
Phosphorus	31-2	7360	7435	6518	7105	7.17	cps
Potassium	39-2	545437	553686	557774	552299	1.14	cps
Rhodium	103-1	7090657	7317184	7450533	7286125	2.50	cps
Rhodium	103-2	3475690	3406501	3438951	3440381	1.01	cps
Scandium	45-1	6271102	6196914	5996484	6154834	2.31	cps
Scandium	45-2	166516	162822	165394	164911	1.15	cps
Selenium	82-1	1178	1117	1124	1140	2.92	cps
Selenium	77-2	140	180	140	153	15.06	cps
Selenium	78-2	211	249	226	229	8.37	cps
Silicon	28-1	6308320	6212535	6347026	6289294	1.10	cps
Silver	107-1	27478	27762	28229	27823	1.36	cps
Silver	109-1	26702	26618	27144	26821	1.05	cps
Sodium	23-2	89533	88209	89373	89038	0.81	cps
Strontium	86-1	523612	524132	535204	527650	1.24	cps
Strontium	88-1	4598308	4587773	4608678	4598253	0.23	cps
Sulfur	34-1	396181	394848	391268	394099	0.64	cps
Terbium	159-1	8586285	8950621	8837619	8791508	2.12	cps
Terbium	159-2	4050104	3965467	4048754	4021442	1.21	cps
Thallium	203-1	4309	4192	3917	4140	4.86	cps
Thallium	205-1	9854	9537	9962	9785	2.26	cps
Tin	118-1	83179	82113	82910	82734	0.67	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4898-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN0A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:34:18	DataFile Name :	199AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	223981	224389	223315	223895	0.24	cps
Uranium	238-1	34782	35785	36512	35693	2.43	cps
Vanadium	51-2	112233	113815	112151	112733	0.83	cps
Ytterbium	172-1	12022	11997	11105	11708	4.46	cps
Ytterbium	172-2	6441	6240	6174	6285	2.21	cps
Ytterbium	176-1	8136	7944	7427	7836	4.68	cps
Ytterbium	176-2	8914	8670	8697	8760	1.53	cps
Yttrium	89-1	13279962	13556157	13320439	13385519	1.11	cps
Yttrium	89-2	1332705	1328703	1303314	1321574	1.21	cps
Zinc	66-2	535003	527509	527036	529849	0.84	cps
Zirconium	90-1	21567	23220	21893	22227	3.94	cps
Zirconium	91-1	5151	5218	4384	4918	9.42	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4900-18A Instrumnet Name : P8
 Client Sample ID : MH1F43A Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 22:37:12 DataFile Name : 200AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042952	1041284	1051490	1045242	0.52	cps
Antimony	121-1	39667	38931	39340	39313	0.94	cps
Arsenic	75-2	6614	6581	6714	6637	1.04	cps
Barium	135-1	1186097	1178911	1212081	1192363	1.46	cps
Barium	137-1	2088816	2053601	2098540	2080319	1.14	cps
Beryllium	9-1	3838	3802	3654	3764	2.59	cps
Bismuth	209-1	4829376	4760539	4754754	4781556	0.87	cps
Bismuth	209-2	2717885	2782814	2711322	2737340	1.44	cps
Boron	10-1	2884	3020	3082	2995	3.38	cps
Boron	11-1	13476	14168	14278	13974	3.11	cps
Bromine	81-1	26472	26753	27154	26793	1.28	cps
Cadmium	111-1	20681	21728	21796	21402	2.92	cps
Cadmium	106-1	5335	5601	5209	5382	3.72	cps
Cadmium	108-1	1813	1733	1633	1727	5.20	cps
Calcium	43-1	2396836	2484588	2369391	2416938	2.49	cps
Calcium	44-1	38312249	39474222	39389779	39058750	1.66	cps
Carbon	12-1	6961007	6989712	7115737	7022152	1.17	cps
Carbon	12-2	71291	72630	74047	72656	1.90	cps
Chlorine	35-1	32025061	36942305	39529724	36165697	10.54	cps
Chlorine	35-2	257630	266682	279069	267793	4.02	cps
Chromium	52-2	92319	92463	92684	92489	0.20	cps
Cobalt	59-2	89701	88148	88811	88886	0.88	cps
Copper	63-2	814807	806064	815614	812162	0.65	cps
Dysprosium	156-1	69901	72171	68979	70350	2.33	cps
Dysprosium	156-2	31237	31494	31033	31254	0.74	cps
Erbium	164-1	55257	58873	58805	57645	3.59	cps
Erbium	164-2	24887	25301	25461	25216	1.17	cps
Gadolinium	160-1	63987	64079	65813	64627	1.59	cps
Gadolinium	160-2	33515	33442	33459	33472	0.12	cps
Holmium	165-1	8335189	8490202	8682891	8502761	2.05	cps
Holmium	165-2	4079418	4130935	4175766	4128706	1.17	cps
Indium	115-1	8090563	7691443	7994482	7925496	2.63	cps
Indium	115-2	1138653	1143949	1136589	1139730	0.33	cps
Iron	54-2	5878189	5948975	6018752	5948639	1.18	cps
Iron	56-2	107721269	106415538	108561252	107566020	1.01	cps
Iron	57-2	2765210	2744193	2697232	2735545	1.27	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18A	Instrumnet Name :	P8
Client Sample ID :	MH1F43A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:37:12	DataFile Name :	200AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1030	997	890	972	7.52	cps
Lead	206-1	4551698	4428713	4698329	4559580	2.96	cps
Lead	207-1	3840837	3780890	3833311	3818346	0.86	cps
Lead	208-1	17852459	17602738	17833114	17762771	0.78	cps
Lithium	6-1	2505605	2359693	2576469	2480589	4.46	cps
Magnesium	24-2	1705738	1660767	1668433	1678312	1.43	cps
Manganese	55-2	2576225	2507295	2560379	2547966	1.42	cps
Molybdenum	94-1	21317	20182	20991	20830	2.81	cps
Molybdenum	95-1	17194	17136	17787	17372	2.07	cps
Molybdenum	96-1	22452	23228	22752	22811	1.72	cps
Molybdenum	97-1	11146	11372	10137	10885	6.04	cps
Molybdenum	98-1	26735	27896	26768	27133	2.44	cps
Neodymium	150-1	122940	124782	126560	124760	1.45	cps
Neodymium	150-2	40752	40628	40140	40507	0.80	cps
Nickel	60-2	69344	68681	70916	69647	1.65	cps
Phosphorus	31-2	8803	8961	9270	9011	2.64	cps
Potassium	39-2	604899	599493	606587	603659	0.61	cps
Rhodium	103-1	7438979	7436498	7525003	7466827	0.67	cps
Rhodium	103-2	3428975	3341531	3472627	3414377	1.96	cps
Scandium	45-1	6098980	6065676	6271368	6145341	1.80	cps
Scandium	45-2	164149	162710	166679	164513	1.22	cps
Selenium	82-1	1533	1549	1646	1576	3.89	cps
Selenium	77-2	147	203	230	193	22.01	cps
Selenium	78-2	267	290	309	289	7.29	cps
Silicon	28-1	10810302	10775421	11042786	10876169	1.34	cps
Silver	107-1	71594	75046	72156	72932	2.54	cps
Silver	109-1	68220	69183	69225	68876	0.83	cps
Sodium	23-2	122076	121773	122791	122213	0.43	cps
Strontium	86-1	936525	955472	935823	942607	1.18	cps
Strontium	88-1	8069599	8347479	8059360	8158813	2.00	cps
Sulfur	34-1	413867	414037	408916	412273	0.71	cps
Terbium	159-1	9358166	9043042	8926432	9109213	2.45	cps
Terbium	159-2	4166804	3998260	4051820	4072295	2.11	cps
Thallium	203-1	4909	5126	5343	5126	4.23	cps
Thallium	205-1	11806	12089	11864	11920	1.26	cps
Tin	118-1	111823	113781	116529	114044	2.07	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4900-18A	Instrumnet Name :	P8
Client Sample ID :	MH1F43A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:37:12	DataFile Name :	200AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283290	285799	285806	284965	0.51	cps
Uranium	238-1	74301	77186	75801	75763	1.90	cps
Vanadium	51-2	160068	160233	160700	160334	0.20	cps
Ytterbium	172-1	15718	16269	15727	15904	1.98	cps
Ytterbium	172-2	8664	8481	8836	8660	2.05	cps
Ytterbium	176-1	10329	10905	10880	10705	3.04	cps
Ytterbium	176-2	10171	10299	10282	10250	0.68	cps
Yttrium	89-1	14028647	13688046	13614610	13777101	1.60	cps
Yttrium	89-2	1340204	1343270	1364617	1349363	0.99	cps
Zinc	66-2	719199	714248	732973	722140	1.34	cps
Zirconium	90-1	30943	29824	31302	30690	2.51	cps
Zirconium	91-1	7135	7144	7035	7105	0.85	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4901-01A Instrumnet Name : P8
 Client Sample ID : MH1F44A Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 22:40:08 DataFile Name : 201AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	860195	854257	855558	856670	0.36	cps
Antimony	121-1	45151	43879	43754	44262	1.75	cps
Arsenic	75-2	5943	6000	5764	5902	2.09	cps
Barium	135-1	1081430	1088483	1089587	1086500	0.41	cps
Barium	137-1	1964398	1958034	1932279	1951570	0.87	cps
Beryllium	9-1	3608	3612	3452	3557	2.57	cps
Bismuth	209-1	4948461	4920258	4986671	4951796	0.67	cps
Bismuth	209-2	2673968	2712610	2763004	2716527	1.64	cps
Boron	10-1	3618	3772	3718	3702	2.11	cps
Boron	11-1	16864	17475	18632	17657	5.09	cps
Bromine	81-1	24818	25931	26623	25791	3.53	cps
Cadmium	111-1	19626	19609	18910	19381	2.11	cps
Cadmium	106-1	5518	4968	5034	5173	5.80	cps
Cadmium	108-1	1433	1421	1517	1457	3.58	cps
Calcium	43-1	2474630	2420942	2299070	2398214	3.75	cps
Calcium	44-1	39267258	38874733	38728691	38956894	0.71	cps
Carbon	12-1	6048633	6180889	6245223	6158248	1.63	cps
Carbon	12-2	63337	64292	64107	63912	0.79	cps
Chlorine	35-1	35233830	39046929	40547106	38275955	7.16	cps
Chlorine	35-2	271164	276664	284520	277449	2.42	cps
Chromium	52-2	73367	73531	72452	73117	0.80	cps
Cobalt	59-2	73572	71920	72316	72603	1.19	cps
Copper	63-2	634186	622570	621773	626176	1.11	cps
Dysprosium	156-1	64481	63351	61852	63228	2.09	cps
Dysprosium	156-2	28788	28213	28267	28423	1.12	cps
Erbium	164-1	55241	54128	53016	54128	2.06	cps
Erbium	164-2	24162	22880	23357	23466	2.76	cps
Gadolinium	160-1	60288	60112	58923	59774	1.24	cps
Gadolinium	160-2	30471	30929	31046	30816	0.99	cps
Holmium	165-1	8677790	8804875	8866067	8782911	1.09	cps
Holmium	165-2	4117359	3981592	4077589	4058847	1.72	cps
Indium	115-1	7824185	7991751	8426296	8080744	3.85	cps
Indium	115-2	1137645	1131192	1146524	1138454	0.68	cps
Iron	54-2	4114470	4024059	4008083	4048871	1.42	cps
Iron	56-2	74536638	72647571	73704491	73629566	1.29	cps
Iron	57-2	1908778	1873979	1840698	1874485	1.82	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01A	Instrumnet Name :	P8
Client Sample ID :	MH1F44A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:40:08	DataFile Name :	201AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	957	943	1133	1011	10.49	cps
Lead	206-1	4810226	4754884	4536278	4700462	3.08	cps
Lead	207-1	3996784	3962734	3876125	3945214	1.58	cps
Lead	208-1	18319606	18624857	17669105	18204523	2.68	cps
Lithium	6-1	2548340	2484446	2552753	2528513	1.51	cps
Magnesium	24-2	1502615	1534816	1509347	1515593	1.12	cps
Manganese	55-2	2283537	2315419	2270140	2289698	1.02	cps
Molybdenum	94-1	17887	18313	18613	18271	2.00	cps
Molybdenum	95-1	13248	13499	13824	13524	2.13	cps
Molybdenum	96-1	17653	18221	18162	18012	1.73	cps
Molybdenum	97-1	8169	8478	7886	8178	3.62	cps
Molybdenum	98-1	21217	20683	20875	20925	1.29	cps
Neodymium	150-1	106980	109288	103384	106551	2.79	cps
Neodymium	150-2	35072	35183	34855	35037	0.48	cps
Nickel	60-2	64579	62925	63873	63792	1.30	cps
Phosphorus	31-2	13123	13190	13090	13134	0.39	cps
Potassium	39-2	679398	680805	679772	679991	0.11	cps
Rhodium	103-1	7622135	7422377	8020196	7688236	3.96	cps
Rhodium	103-2	3397084	3455789	3380492	3411122	1.16	cps
Scandium	45-1	6253629	6168662	6737279	6386523	4.80	cps
Scandium	45-2	161983	163910	162835	162909	0.59	cps
Selenium	82-1	1598	1539	1302	1480	10.58	cps
Selenium	77-2	197	183	217	199	8.43	cps
Selenium	78-2	238	294	283	272	10.92	cps
Silicon	28-1	7208948	7037159	7222979	7156362	1.45	cps
Silver	107-1	39206	39415	40744	39789	2.10	cps
Silver	109-1	37092	37393	35822	36769	2.27	cps
Sodium	23-2	121531	120126	121076	120911	0.59	cps
Strontium	86-1	1031357	1017840	1024942	1024713	0.66	cps
Strontium	88-1	8786485	8810759	8675304	8757516	0.82	cps
Sulfur	34-1	402798	407610	408877	406428	0.79	cps
Terbium	159-1	9188047	8983078	9881270	9350798	5.03	cps
Terbium	159-2	4018589	4109978	4018005	4048857	1.31	cps
Thallium	203-1	4217	4576	4368	4387	4.10	cps
Thallium	205-1	10430	9937	9912	10093	2.89	cps
Tin	118-1	124548	125323	122724	124198	1.07	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4901-01A	Instrumnet Name :	P8
Client Sample ID :	MH1F44A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:40:08	DataFile Name :	201AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	271167	263977	269149	268097	1.38	cps
Uranium	238-1	69919	70062	67111	69030	2.41	cps
Vanadium	51-2	124271	124900	123693	124288	0.49	cps
Ytterbium	172-1	14934	15301	14550	14928	2.51	cps
Ytterbium	172-2	7991	8003	7969	7988	0.21	cps
Ytterbium	176-1	10663	10213	10271	10382	2.36	cps
Ytterbium	176-2	9554	9504	9921	9659	2.36	cps
Yttrium	89-1	13983039	13868107	14439724	14096957	2.14	cps
Yttrium	89-2	1318506	1335918	1315609	1323344	0.83	cps
Zinc	66-2	649274	649996	645117	648129	0.41	cps
Zirconium	90-1	31069	31411	29699	30726	2.95	cps
Zirconium	91-1	6760	6835	6952	6849	1.41	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN1A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:43:02	DataFile Name :	202AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757637	754843	761448	757976	0.44	cps
Antimony	121-1	40344	38664	40151	39720	2.31	cps
Arsenic	75-2	5427	5248	5352	5342	1.68	cps
Barium	135-1	752094	746511	767841	755482	1.46	cps
Barium	137-1	1310917	1302414	1321981	1311771	0.75	cps
Beryllium	9-1	2968	2858	2964	2930	2.13	cps
Bismuth	209-1	4845891	4796873	4839480	4827415	0.55	cps
Bismuth	209-2	2807591	2678837	2748576	2745001	2.35	cps
Boron	10-1	3382	3404	3612	3466	3.66	cps
Boron	11-1	15912	16602	17561	16692	4.96	cps
Bromine	81-1	25801	25439	25550	25596	0.72	cps
Cadmium	111-1	17750	17773	18125	17883	1.18	cps
Cadmium	106-1	4776	4709	5059	4848	3.83	cps
Cadmium	108-1	1492	1383	1383	1420	4.41	cps
Calcium	43-1	1598038	1602540	1607371	1602650	0.29	cps
Calcium	44-1	26262418	26028010	25605281	25965236	1.28	cps
Carbon	12-1	5769083	5784725	5789565	5781124	0.19	cps
Carbon	12-2	57814	58919	58818	58517	1.04	cps
Chlorine	35-1	36807737	41358567	44064648	40743651	9.00	cps
Chlorine	35-2	276011	282283	291637	283310	2.78	cps
Chromium	52-2	71374	70134	70945	70818	0.89	cps
Cobalt	59-2	64683	63598	64572	64284	0.93	cps
Copper	63-2	588028	579308	580114	582483	0.83	cps
Dysprosium	156-1	54203	52027	52211	52814	2.28	cps
Dysprosium	156-2	22603	23360	23868	23277	2.74	cps
Erbium	164-1	43389	44584	45177	44383	2.05	cps
Erbium	164-2	19237	19715	19832	19595	1.61	cps
Gadolinium	160-1	49552	49827	50019	49800	0.47	cps
Gadolinium	160-2	25521	25371	25561	25484	0.39	cps
Holmium	165-1	8415788	8527210	8719012	8554003	1.79	cps
Holmium	165-2	4129587	3976586	4099164	4068446	1.99	cps
Indium	115-1	7859309	7828170	8048163	7911881	1.50	cps
Indium	115-2	1132195	1128680	1143186	1134687	0.67	cps
Iron	54-2	3640292	3592061	3639812	3624055	0.76	cps
Iron	56-2	65491053	67324965	67067089	66627702	1.49	cps
Iron	57-2	1720595	1710020	1698460	1709692	0.65	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN1A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:43:02	DataFile Name :	202AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	997	1097	1016	7.24	cps
Lead	206-1	4100437	4015268	4102186	4072630	1.22	cps
Lead	207-1	3436557	3425377	3356373	3406102	1.28	cps
Lead	208-1	15709111	15605277	15553866	15622752	0.51	cps
Lithium	6-1	2395156	2433781	2457965	2428967	1.30	cps
Magnesium	24-2	1763964	1736777	1732347	1744363	0.98	cps
Manganese	55-2	2026677	2017199	2018449	2020775	0.25	cps
Molybdenum	94-1	16585	16377	16986	16649	1.86	cps
Molybdenum	95-1	13582	12956	13315	13284	2.36	cps
Molybdenum	96-1	17937	17144	17854	17645	2.47	cps
Molybdenum	97-1	8369	7886	8344	8200	3.32	cps
Molybdenum	98-1	21334	21576	21225	21378	0.84	cps
Neodymium	150-1	88672	91262	90490	90141	1.48	cps
Neodymium	150-2	29419	28450	29102	28990	1.70	cps
Nickel	60-2	48094	47298	48472	47955	1.25	cps
Phosphorus	31-2	7561	7444	7777	7594	2.23	cps
Potassium	39-2	641330	639790	647133	642751	0.60	cps
Rhodium	103-1	7484918	7448855	7278143	7403972	1.49	cps
Rhodium	103-2	3451343	3402633	3516716	3456897	1.66	cps
Scandium	45-1	6455392	6144817	6058855	6219688	3.35	cps
Scandium	45-2	165371	163222	165525	164706	0.78	cps
Selenium	82-1	1266	1295	1180	1247	4.81	cps
Selenium	77-2	203	167	133	168	20.87	cps
Selenium	78-2	262	206	225	231	12.33	cps
Silicon	28-1	7025086	7028581	6837409	6963692	1.57	cps
Silver	107-1	49774	50419	49314	49836	1.11	cps
Silver	109-1	46530	47458	47809	47266	1.40	cps
Sodium	23-2	106102	103803	104322	104742	1.15	cps
Strontium	86-1	623847	621479	632163	625830	0.90	cps
Strontium	88-1	5438389	5247351	5605629	5430456	3.30	cps
Sulfur	34-1	395146	389422	392152	392240	0.73	cps
Terbium	159-1	9035553	8920593	9084910	9013685	0.94	cps
Terbium	159-2	4041090	3935540	4008333	3994988	1.35	cps
Thallium	203-1	3976	4393	4484	4284	6.33	cps
Thallium	205-1	10980	10521	10396	10632	2.89	cps
Tin	118-1	78694	80463	80764	79974	1.40	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4902-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN1A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:43:02	DataFile Name :	202AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233517	231278	233468	232754	0.55	cps
Uranium	238-1	43685	43149	43300	43378	0.64	cps
Vanadium	51-2	110241	110284	109696	110074	0.30	cps
Ytterbium	172-1	12782	12198	13115	12698	3.66	cps
Ytterbium	172-2	6724	6524	6924	6724	2.98	cps
Ytterbium	176-1	8737	8837	8628	8734	1.19	cps
Ytterbium	176-2	9120	8809	9531	9153	3.96	cps
Yttrium	89-1	13363447	13572028	13659379	13531618	1.12	cps
Yttrium	89-2	1332286	1310697	1333410	1325465	0.97	cps
Zinc	66-2	518469	506371	516792	513877	1.28	cps
Zirconium	90-1	25073	24497	25741	25104	2.48	cps
Zirconium	91-1	5876	5718	6152	5915	3.71	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN2A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:45:58	DataFile Name :	203AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1992347	1931571	1924931	1949616	1.91	cps
Antimony	121-1	38647	36892	36750	37430	2.82	cps
Arsenic	75-2	12645	12318	12588	12517	1.40	cps
Barium	135-1	1914208	1883469	1871466	1889715	1.17	cps
Barium	137-1	3207299	3172469	3116718	3165495	1.44	cps
Beryllium	9-1	5334	5108	5156	5199	2.29	cps
Bismuth	209-1	4937633	4857168	4929385	4908062	0.90	cps
Bismuth	209-2	2732255	2758668	2737754	2742892	0.51	cps
Boron	10-1	4398	4646	4494	4512	2.77	cps
Boron	11-1	21379	21928	23080	22129	3.92	cps
Bromine	81-1	33625	33043	32621	33097	1.52	cps
Cadmium	111-1	19955	20017	20508	20160	1.50	cps
Cadmium	106-1	5643	5243	5318	5401	3.94	cps
Cadmium	108-1	1600	1742	1700	1681	4.33	cps
Calcium	43-1	3286592	3162750	3201479	3216940	1.97	cps
Calcium	44-1	52250674	50916202	51722938	51629938	1.30	cps
Carbon	12-1	9778639	10187598	10148611	10038283	2.25	cps
Carbon	12-2	104681	105973	104294	104983	0.84	cps
Chlorine	35-1	40748336	44308924	46926999	43994753	7.05	cps
Chlorine	35-2	304306	309336	311550	308397	1.20	cps
Chromium	52-2	210531	209709	208951	209730	0.38	cps
Cobalt	59-2	161427	157528	159183	159379	1.23	cps
Copper	63-2	929317	944649	940790	938252	0.85	cps
Dysprosium	156-1	128449	128735	129998	129061	0.64	cps
Dysprosium	156-2	57513	56539	57172	57075	0.87	cps
Erbium	164-1	105039	105403	105065	105169	0.19	cps
Erbium	164-2	45946	44495	45514	45318	1.64	cps
Gadolinium	160-1	115375	117070	120999	117815	2.45	cps
Gadolinium	160-2	60514	60818	60125	60486	0.57	cps
Holmium	165-1	8876557	8687232	8383122	8648971	2.88	cps
Holmium	165-2	4106700	4132727	4068981	4102803	0.78	cps
Indium	115-1	7863870	7896006	7907483	7889120	0.29	cps
Indium	115-2	1135498	1131054	1142938	1136497	0.53	cps
Iron	54-2	8312388	8107842	8164205	8194812	1.29	cps
Iron	56-2	151280787	148801053	149142231	149741357	0.90	cps
Iron	57-2	3810556	3799600	3609172	3739776	3.03	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN2A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:45:58	DataFile Name :	203AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	1100	1093	1105	1.26	cps
Lead	206-1	5723061	5758392	5861903	5781119	1.25	cps
Lead	207-1	4935808	5001943	5123251	5020334	1.89	cps
Lead	208-1	22688903	22798984	23209242	22899043	1.20	cps
Lithium	6-1	2468889	2458007	2404337	2443745	1.41	cps
Magnesium	24-2	3690705	3602821	3632806	3642111	1.23	cps
Manganese	55-2	3086809	3118643	3042035	3082496	1.25	cps
Molybdenum	94-1	35229	36522	34368	35373	3.07	cps
Molybdenum	95-1	22060	21626	21459	21715	1.43	cps
Molybdenum	96-1	32113	31177	30852	31381	2.09	cps
Molybdenum	97-1	13232	13649	13565	13482	1.64	cps
Molybdenum	98-1	33733	35705	33382	34274	3.65	cps
Neodymium	150-1	224734	229351	226423	226836	1.03	cps
Neodymium	150-2	71748	72089	69750	71196	1.77	cps
Nickel	60-2	121702	119329	117514	119515	1.76	cps
Phosphorus	31-2	18821	18679	18379	18626	1.21	cps
Potassium	39-2	1550133	1561821	1517178	1543044	1.50	cps
Rhodium	103-1	7502719	7481854	7418595	7467723	0.59	cps
Rhodium	103-2	3477142	3405591	3440369	3441034	1.04	cps
Scandium	45-1	6475153	6273937	6277867	6342319	1.81	cps
Scandium	45-2	166024	167269	166281	166525	0.39	cps
Selenium	82-1	1812	1837	1880	1843	1.87	cps
Selenium	77-2	363	347	340	350	3.43	cps
Selenium	78-2	347	411	394	384	8.63	cps
Silicon	28-1	10839910	10961620	10742637	10848055	1.01	cps
Silver	107-1	25107	25224	25274	25201	0.34	cps
Silver	109-1	26142	24923	24598	25221	3.23	cps
Sodium	23-2	271122	268970	267806	269299	0.62	cps
Strontium	86-1	1461923	1401489	1421967	1428460	2.15	cps
Strontium	88-1	11999964	11804209	11942426	11915533	0.84	cps
Sulfur	34-1	452648	450721	454094	452488	0.37	cps
Terbium	159-1	9237857	8915879	9489064	9214267	3.12	cps
Terbium	159-2	4122040	4031381	3996965	4050129	1.60	cps
Thallium	203-1	6860	6844	6610	6771	2.07	cps
Thallium	205-1	16019	15752	15869	15880	0.84	cps
Tin	118-1	106701	105279	107406	106462	1.02	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4903-20A	Instrumnet Name :	P8
Client Sample ID :	MH1FN2A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:45:58	DataFile Name :	203AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1189735	1176191	1196502	1187476	0.87	cps
Uranium	238-1	178685	177993	178317	178332	0.19	cps
Vanadium	51-2	266681	268548	262757	265995	1.11	cps
Ytterbium	172-1	29742	29475	29166	29461	0.98	cps
Ytterbium	172-2	16260	15270	15064	15532	4.12	cps
Ytterbium	176-1	18639	18764	19398	18934	2.15	cps
Ytterbium	176-2	14158	14992	14775	14642	2.96	cps
Yttrium	89-1	15266976	14932607	14505906	14901830	2.56	cps
Yttrium	89-2	1484605	1488449	1462746	1478600	0.94	cps
Zinc	66-2	668402	658604	657590	661532	0.90	cps
Zirconium	90-1	60415	66710	59477	62201	6.32	cps
Zirconium	91-1	13348	13674	13332	13451	1.43	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14A	Instrumnet Name :	P8
Client Sample ID :	MH1FN5A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:48:52	DataFile Name :	204AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1209275	1215499	1234040	1219605	1.06	cps
Antimony	121-1	63934	64361	65910	64735	1.61	cps
Arsenic	75-2	10657	10623	10551	10610	0.51	cps
Barium	135-1	1886791	1975010	1875583	1912461	2.85	cps
Barium	137-1	3151950	3259325	3193742	3201672	1.69	cps
Beryllium	9-1	5100	5288	4884	5091	3.97	cps
Bismuth	209-1	5023239	5187609	4918694	5043181	2.69	cps
Bismuth	209-2	2763418	2677082	2841889	2760797	2.99	cps
Boron	10-1	5732	6046	6110	5963	3.39	cps
Boron	11-1	27843	28850	30061	28918	3.84	cps
Bromine	81-1	33434	33565	34869	33956	2.34	cps
Cadmium	111-1	38486	38251	38067	38268	0.55	cps
Cadmium	106-1	6819	7319	6835	6991	4.06	cps
Cadmium	108-1	2917	3055	3034	3002	2.47	cps
Calcium	43-1	3161144	3279748	3133727	3191540	2.43	cps
Calcium	44-1	50332340	52261449	50893696	51162495	1.94	cps
Carbon	12-1	11186455	11254393	11430052	11290300	1.11	cps
Carbon	12-2	117494	119518	113076	116696	2.82	cps
Chlorine	35-1	41002489	45635015	46988080	44541861	7.05	cps
Chlorine	35-2	294732	305713	310088	303511	2.61	cps
Chromium	52-2	175550	178840	177467	177286	0.93	cps
Cobalt	59-2	113619	115070	113569	114086	0.75	cps
Copper	63-2	1764497	1734794	1740042	1746444	0.91	cps
Dysprosium	156-1	79546	79086	79882	79505	0.50	cps
Dysprosium	156-2	35387	35200	34916	35167	0.67	cps
Erbium	164-1	66115	65831	65955	65967	0.22	cps
Erbium	164-2	29686	29145	29035	29289	1.19	cps
Gadolinium	160-1	72725	74518	73855	73699	1.23	cps
Gadolinium	160-2	37977	38639	38241	38286	0.87	cps
Holmium	165-1	8829547	9007260	8803338	8880048	1.25	cps
Holmium	165-2	4058138	4155262	4136366	4116589	1.25	cps
Indium	115-1	8159731	8210312	8022910	8130985	1.19	cps
Indium	115-2	1137599	1141484	1141390	1140158	0.19	cps
Iron	54-2	7722379	7670530	7611590	7668166	0.72	cps
Iron	56-2	141907934	140632836	140523564	141021445	0.55	cps
Iron	57-2	3698803	3621477	3504961	3608414	2.70	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14A	Instrumnet Name :	P8
Client Sample ID :	MH1FN5A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:48:52	DataFile Name :	204AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	1003	1023	986	4.99	cps
Lead	206-1	9052803	9083544	9052585	9062977	0.20	cps
Lead	207-1	7567419	7526591	7659216	7584409	0.90	cps
Lead	208-1	35639951	35429512	35405914	35491792	0.36	cps
Lithium	6-1	2451528	2487659	2400540	2446576	1.79	cps
Magnesium	24-2	2075814	2058154	2086457	2073475	0.69	cps
Manganese	55-2	4053582	3963782	3944445	3987270	1.46	cps
Molybdenum	94-1	26576	26476	26818	26623	0.66	cps
Molybdenum	95-1	22702	21400	22519	22207	3.17	cps
Molybdenum	96-1	30050	29900	28948	29632	2.02	cps
Molybdenum	97-1	13465	13924	13757	13715	1.69	cps
Molybdenum	98-1	34260	34619	36014	34964	2.65	cps
Neodymium	150-1	134671	134697	135526	134965	0.36	cps
Neodymium	150-2	43935	45316	44049	44434	1.73	cps
Nickel	60-2	97008	98408	95018	96811	1.76	cps
Phosphorus	31-2	16259	16827	17920	17002	4.96	cps
Potassium	39-2	630052	624087	626371	626837	0.48	cps
Rhodium	103-1	7472886	7503848	7292982	7423239	1.53	cps
Rhodium	103-2	3503274	3457399	3485876	3482183	0.67	cps
Scandium	45-1	6159189	6269586	6084146	6170974	1.51	cps
Scandium	45-2	163462	166179	161749	163797	1.36	cps
Selenium	82-1	2526	2389	2434	2450	2.84	cps
Selenium	77-2	253	263	230	249	6.87	cps
Selenium	78-2	408	337	335	360	11.55	cps
Silicon	28-1	14142643	14443361	15246845	14610949	3.91	cps
Silver	107-1	125252	124603	126370	125408	0.71	cps
Silver	109-1	119148	120570	120628	120115	0.70	cps
Sodium	23-2	255934	250782	246149	250955	1.95	cps
Strontium	86-1	1664949	1622733	1665468	1651050	1.49	cps
Strontium	88-1	13875043	13712059	13982329	13856477	0.98	cps
Sulfur	34-1	460896	450440	453508	454948	1.18	cps
Terbium	159-1	9512220	9513833	9314177	9446743	1.22	cps
Terbium	159-2	4068298	4085671	4076419	4076796	0.21	cps
Thallium	203-1	5943	5543	5468	5651	4.52	cps
Thallium	205-1	12907	13457	12632	12999	3.23	cps
Tin	118-1	366124	354239	367763	362709	2.03	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4906-14A	Instrumnet Name :	P8
Client Sample ID :	MH1FN5A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:48:52	DataFile Name :	204AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	384350	381556	381238	382381	0.45	cps
Uranium	238-1	112521	117301	116946	115589	2.30	cps
Vanadium	51-2	196788	193886	196403	195692	0.81	cps
Ytterbium	172-1	19323	19899	19615	19612	1.47	cps
Ytterbium	172-2	10560	10354	10015	10310	2.67	cps
Ytterbium	176-1	13257	13290	13207	13251	0.32	cps
Ytterbium	176-2	10760	11461	11945	11388	5.23	cps
Yttrium	89-1	13886824	14191916	14384824	14154521	1.77	cps
Yttrium	89-2	1359089	1372993	1399155	1377079	1.48	cps
Zinc	66-2	1634022	1563667	1505579	1567756	4.10	cps
Zirconium	90-1	37894	37637	37200	37577	0.93	cps
Zirconium	91-1	8361	8361	8319	8347	0.29	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : M4907-01A Instrumnet Name : P8
 Client Sample ID : MH1FN6A Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 22:51:49 DataFile Name : 205AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1111379	1085608	1082387	1093124	1.45	cps
Antimony	121-1	79808	79818	79112	79579	0.51	cps
Arsenic	75-2	6033	5844	5852	5910	1.81	cps
Barium	135-1	1164273	1167865	1170558	1167565	0.27	cps
Barium	137-1	2030003	2039559	2002059	2023874	0.96	cps
Beryllium	9-1	3972	3938	3690	3866	3.98	cps
Bismuth	209-1	4979185	4792045	4979713	4916981	2.20	cps
Bismuth	209-2	2501592	2696202	2724443	2640746	4.59	cps
Boron	10-1	4074	4352	4508	4311	5.10	cps
Boron	11-1	20174	21279	22090	21181	4.54	cps
Bromine	81-1	27946	27395	28007	27783	1.21	cps
Cadmium	111-1	22341	21796	21915	22017	1.30	cps
Cadmium	106-1	5426	5368	5526	5440	1.47	cps
Cadmium	108-1	1738	1775	1742	1752	1.17	cps
Calcium	43-1	1610448	1599047	1633643	1614380	1.09	cps
Calcium	44-1	25085244	26446947	25712218	25748136	2.65	cps
Carbon	12-1	10376208	10341043	10760284	10492512	2.22	cps
Carbon	12-2	105150	107745	109449	107448	2.01	cps
Chlorine	35-1	40507370	43935300	46161331	43534667	6.54	cps
Chlorine	35-2	285968	291144	292992	290035	1.26	cps
Chromium	52-2	211306	207379	206640	208442	1.20	cps
Cobalt	59-2	89691	87470	86816	87992	1.71	cps
Copper	63-2	859214	845280	851378	851957	0.82	cps
Dysprosium	156-1	61802	63067	60973	61947	1.70	cps
Dysprosium	156-2	27929	27321	26997	27416	1.73	cps
Erbium	164-1	53751	50656	52873	52427	3.04	cps
Erbium	164-2	23391	22973	23017	23127	0.99	cps
Gadolinium	160-1	60278	59710	58697	59562	1.34	cps
Gadolinium	160-2	30218	30575	29523	30105	1.78	cps
Holmium	165-1	8775356	8409928	8685315	8623533	2.21	cps
Holmium	165-2	3934730	4004867	4027623	3989073	1.21	cps
Indium	115-1	8145614	7882697	7823553	7950621	2.16	cps
Indium	115-2	1074975	1148338	1127645	1116986	3.39	cps
Iron	54-2	6301671	6199142	6151904	6217572	1.23	cps
Iron	56-2	114750689	113431353	114971950	114384664	0.73	cps
Iron	57-2	2932735	2874428	2843105	2883423	1.58	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01A	Instrumnet Name :	P8
Client Sample ID :	MH1FN6A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:51:49	DataFile Name :	205AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	913	997	967	4.79	cps
Lead	206-1	5441304	5278417	5418352	5379358	1.64	cps
Lead	207-1	4600944	4470009	4550724	4540559	1.45	cps
Lead	208-1	21132961	20785042	21149588	21022530	0.98	cps
Lithium	6-1	2451622	2363251	2441950	2418941	2.00	cps
Magnesium	24-2	1848585	1779565	1737242	1788464	3.14	cps
Manganese	55-2	2540930	2488384	2517485	2515600	1.05	cps
Molybdenum	94-1	24188	23287	24465	23980	2.57	cps
Molybdenum	95-1	20157	20257	20349	20254	0.47	cps
Molybdenum	96-1	26668	26585	27328	26860	1.52	cps
Molybdenum	97-1	11880	12739	13140	12587	5.11	cps
Molybdenum	98-1	31553	31946	33575	32358	3.31	cps
Neodymium	150-1	103463	107366	107622	106150	2.20	cps
Neodymium	150-2	34591	34230	35210	34677	1.43	cps
Nickel	60-2	85415	84104	84030	84516	0.92	cps
Phosphorus	31-2	13815	14082	13432	13776	2.37	cps
Potassium	39-2	517673	520534	513679	517296	0.67	cps
Rhodium	103-1	7537652	7373854	7587425	7499643	1.49	cps
Rhodium	103-2	3242290	3402003	3376134	3340142	2.57	cps
Scandium	45-1	6263649	6289010	6269530	6274063	0.21	cps
Scandium	45-2	155654	165849	163257	161587	3.28	cps
Selenium	82-1	1512	1631	1547	1563	3.92	cps
Selenium	77-2	197	213	200	203	4.34	cps
Selenium	78-2	270	260	262	264	2.00	cps
Silicon	28-1	7894368	7934701	7803275	7877448	0.85	cps
Silver	107-1	44790	45125	43912	44609	1.40	cps
Silver	109-1	42742	43737	42759	43079	1.32	cps
Sodium	23-2	151197	153545	150818	151853	0.97	cps
Strontium	86-1	895919	914374	903519	904604	1.03	cps
Strontium	88-1	7662279	7641605	7664860	7656248	0.17	cps
Sulfur	34-1	416100	411214	412301	413205	0.62	cps
Terbium	159-1	9340142	9465438	9206415	9337332	1.39	cps
Terbium	159-2	3858002	4045743	3971964	3958570	2.39	cps
Thallium	203-1	3984	4384	4301	4223	5.00	cps
Thallium	205-1	9954	10454	10221	10210	2.45	cps
Tin	118-1	166137	164482	160610	163743	1.73	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	M4907-01A	Instrumnet Name :	P8
Client Sample ID :	MH1FN6A	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:51:49	DataFile Name :	205AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392307	387728	381829	387288	1.36	cps
Uranium	238-1	81211	81229	82310	81583	0.77	cps
Vanadium	51-2	159690	158541	156937	158389	0.87	cps
Ytterbium	172-1	15384	15176	14834	15131	1.84	cps
Ytterbium	172-2	8436	8303	7880	8206	3.54	cps
Ytterbium	176-1	10446	10972	9712	10377	6.10	cps
Ytterbium	176-2	9231	10149	9948	9776	4.93	cps
Yttrium	89-1	14019617	13762666	13678506	13820263	1.29	cps
Yttrium	89-2	1275646	1341544	1323945	1313712	2.60	cps
Zinc	66-2	1331096	1330699	1323868	1328554	0.31	cps
Zirconium	90-1	33341	32631	34261	33411	2.45	cps
Zirconium	91-1	7060	7369	7727	7386	4.52	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCV050 Instrumnet Name : P8
 Client Sample ID : CCV050 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 22:54:42 DataFile Name : 206CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1842539	1875919	1804828	1841095	1.93	cps
Antimony	121-1	2681194	2713046	2711453	2701898	0.66	cps
Arsenic	75-2	71675	71830	70791	71432	0.78	cps
Barium	135-1	3532960	3655064	3570795	3586273	1.74	cps
Barium	137-1	6046919	6018387	6047321	6037543	0.27	cps
Beryllium	9-1	582440	586504	594754	587899	1.07	cps
Bismuth	209-1	4624587	4505209	4619525	4583107	1.47	cps
Bismuth	209-2	2529247	2508550	2591353	2543050	1.69	cps
Boron	10-1	54534	59347	60819	58233	5.65	cps
Boron	11-1	264751	276765	290235	277250	4.60	cps
Bromine	81-1	18491	17920	18331	18247	1.62	cps
Cadmium	111-1	629691	640042	630154	633296	0.92	cps
Cadmium	106-1	75189	75448	74611	75083	0.57	cps
Cadmium	108-1	51822	51332	53002	52052	1.65	cps
Calcium	43-1	5305058	5173982	5270966	5250002	1.30	cps
Calcium	44-1	86363620	84491484	84351061	85068722	1.32	cps
Carbon	12-1	4618391	4761595	4884228	4754738	2.80	cps
Carbon	12-2	53766	56049	56016	55277	2.37	cps
Chlorine	35-1	12215368	11551329	10825964	11530887	6.03	cps
Chlorine	35-2	55482	52830	49468	52594	5.73	cps
Chromium	52-2	753602	759738	749060	754134	0.71	cps
Cobalt	59-2	1440073	1413142	1374350	1409189	2.34	cps
Copper	63-2	10726462	10950242	10588083	10754929	1.70	cps
Dysprosium	156-1	650	683	475	603	18.57	cps
Dysprosium	156-2	220	243	200	221	9.81	cps
Erbium	164-1	167	100	167	144	26.65	cps
Erbium	164-2	63	57	93	71	27.46	cps
Gadolinium	160-1	583	608	558	583	4.29	cps
Gadolinium	160-2	297	287	297	293	1.97	cps
Holmium	165-1	8404448	8550597	8358631	8437892	1.19	cps
Holmium	165-2	3964487	4012846	4043491	4006941	0.99	cps
Indium	115-1	7548800	7363150	7545949	7485966	1.42	cps
Indium	115-2	1059525	1072013	1052771	1061436	0.92	cps
Iron	54-2	8081030	8051896	8038369	8057098	0.27	cps
Iron	56-2	148656909	148215053	144725103	147199022	1.46	cps
Iron	57-2	3649127	3714911	3675932	3679990	0.90	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P8
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:54:42	DataFile Name :	206CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	823	897	883	868	4.50	cps
Lead	206-1	9224512	8970019	9217995	9137509	1.59	cps
Lead	207-1	7784394	7612885	8026262	7807847	2.66	cps
Lead	208-1	36519829	35120407	36684172	36108136	2.38	cps
Lithium	6-1	2367497	2406539	2385276	2386437	0.82	cps
Magnesium	24-2	26721703	27072172	26917966	26903947	0.65	cps
Manganese	55-2	3780785	3767214	3833079	3793693	0.92	cps
Molybdenum	94-1	10889919	11034375	10606423	10843572	2.01	cps
Molybdenum	95-1	15660264	16090450	15605666	15785460	1.68	cps
Molybdenum	96-1	17089496	17523275	17392782	17335184	1.28	cps
Molybdenum	97-1	9529149	9789114	9526236	9614833	1.57	cps
Molybdenum	98-1	25183294	25248805	24888089	25106729	0.77	cps
Neodymium	150-1	200	187	193	193	3.45	cps
Neodymium	150-2	3	27	23	18	71.00	cps
Nickel	60-2	375205	372456	372413	373358	0.43	cps
Phosphorus	31-2	18404	17753	16977	17711	4.03	cps
Potassium	39-2	10374453	10346767	10119520	10280247	1.36	cps
Rhodium	103-1	6977351	7000029	6991232	6989537	0.16	cps
Rhodium	103-2	3146602	3214653	3137290	3166182	1.33	cps
Scandium	45-1	5922550	5883238	5832966	5879585	0.76	cps
Scandium	45-2	152978	156756	153329	154354	1.35	cps
Selenium	82-1	51859	51354	51782	51665	0.53	cps
Selenium	77-2	1270	1347	1277	1298	3.27	cps
Selenium	78-2	4739	4627	4780	4716	1.68	cps
Silicon	28-1	2907666	3123593	3219349	3083536	5.18	cps
Silver	107-1	3486708	3510596	3567389	3521564	1.18	cps
Silver	109-1	3324523	3343909	3309352	3325928	0.52	cps
Sodium	23-2	53135445	53785087	52899052	53273195	0.86	cps
Strontium	86-1	10498999	10176816	10543307	10406374	1.92	cps
Strontium	88-1	91182244	88102525	88384054	89222941	1.91	cps
Sulfur	34-1	690900	693740	699771	694803	0.65	cps
Terbium	159-1	8773267	8987756	9080322	8947115	1.76	cps
Terbium	159-2	3919116	3976982	3936051	3944050	0.75	cps
Thallium	203-1	2209933	2206339	2258307	2224859	1.30	cps
Thallium	205-1	5306810	5214674	5280754	5267412	0.90	cps
Tin	118-1	2362821	2438754	2394202	2398592	1.59	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P8
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 22:54:42	DataFile Name :	206CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4954230	5020635	4961599	4978822	0.73	cps
Uranium	238-1	6619445	6636094	6709314	6654951	0.72	cps
Vanadium	51-2	619495	622952	615632	619360	0.59	cps
Ytterbium	172-1	58	92	42	64	39.85	cps
Ytterbium	172-2	28	17	33	26	32.72	cps
Ytterbium	176-1	9796	10404	10655	10285	4.30	cps
Ytterbium	176-2	8953	8931	9070	8985	0.83	cps
Yttrium	89-1	12695879	12215741	12071633	12327751	2.65	cps
Yttrium	89-2	1174968	1173636	1160570	1169725	0.68	cps
Zinc	66-2	1081101	1083597	1052453	1072383	1.61	cps
Zirconium	90-1	5604999	5525099	5612759	5580952	0.87	cps
Zirconium	91-1	1215836	1229438	1233888	1226388	0.77	cps

LB Number : LB117645 Operator : Jaswal
 Lab Sample ID : CCB050 Instrumnet Name : P8
 Client Sample ID : CCB050 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-03 23:02:17 DataFile Name : 207CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96	115	122	111	12.15	cps
Antimony	121-1	375	500	383	419	16.66	cps
Arsenic	75-2	5	9	6	7	31.22	cps
Barium	135-1	58	67	58	61	7.88	cps
Barium	137-1	125	108	167	133	22.53	cps
Beryllium	9-1	76	78	92	82	10.63	cps
Bismuth	209-1	4604945	4724773	4341171	4556963	4.31	cps
Bismuth	209-2	2697799	2673140	2681212	2684050	0.47	cps
Boron	10-1	1694	1620	1494	1602	6.31	cps
Boron	11-1	8133	7636	7508	7759	4.25	cps
Bromine	81-1	16777	17589	18852	17740	5.89	cps
Cadmium	111-1	316	271	247	278	12.62	cps
Cadmium	106-1	2617	2525	2084	2409	11.84	cps
Cadmium	108-1	0	21	17	13	88.19	cps
Calcium	43-1	259	285	236	260	9.39	cps
Calcium	44-1	19503	18987	18901	19130	1.70	cps
Carbon	12-1	3009114	3061043	2938280	3002812	2.05	cps
Carbon	12-2	30733	29263	30641	30212	2.72	cps
Chlorine	35-1	3306395	3184090	3119725	3203403	2.96	cps
Chlorine	35-2	16877	16193	15751	16273	3.49	cps
Chromium	52-2	743	733	757	744	1.57	cps
Cobalt	59-2	73	50	63	62	18.81	cps
Copper	63-2	660	660	707	676	3.99	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	117	17	58	89.21	cps
Erbium	164-2	27	23	23	24	7.89	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	40	50	53	48	14.52	cps
Holmium	165-1	8374711	8206205	7566367	8049094	5.30	cps
Holmium	165-2	4074929	3925919	3929946	3976931	2.13	cps
Indium	115-1	7879737	7635682	6902270	7472563	6.81	cps
Indium	115-2	1094891	1092450	1110410	1099250	0.89	cps
Iron	54-2	544	450	411	469	14.64	cps
Iron	56-2	4212	4273	4773	4419	6.97	cps
Iron	57-2	222	256	206	228	11.18	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P8
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 23:02:17	DataFile Name :	207CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	800	897	887	861	6.17	cps
Lead	206-1	739	739	756	744	1.29	cps
Lead	207-1	750	733	578	687	13.83	cps
Lead	208-1	3256	3006	2934	3065	5.52	cps
Lithium	6-1	2409523	2402000	2150387	2320637	6.36	cps
Magnesium	24-2	850	650	608	703	18.38	cps
Manganese	55-2	90	133	77	100	29.63	cps
Molybdenum	94-1	658	508	408	525	23.97	cps
Molybdenum	95-1	542	308	358	403	30.50	cps
Molybdenum	96-1	725	500	442	556	26.93	cps
Molybdenum	97-1	350	192	225	256	32.66	cps
Molybdenum	98-1	758	633	433	608	26.95	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	43	63	49	25.81	cps
Phosphorus	31-2	25	33	67	42	52.92	cps
Potassium	39-2	14166	14232	15709	14702	5.93	cps
Rhodium	103-1	7232358	7268233	6762257	7087616	3.98	cps
Rhodium	103-2	3410719	3277960	3347044	3345241	1.98	cps
Scandium	45-1	5717980	5867702	5289514	5625065	5.33	cps
Scandium	45-2	153009	152854	152790	152884	0.07	cps
Selenium	82-1	40	-35	21	9	447.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	50	55	50	11.10	cps
Silicon	28-1	496199	505795	504596	502197	1.04	cps
Silver	107-1	292	192	233	239	21.03	cps
Silver	109-1	250	183	167	200	22.05	cps
Sodium	23-2	10938	10446	10963	10782	2.70	cps
Strontium	86-1	1667	1600	1583	1617	2.73	cps
Strontium	88-1	1383	1033	825	1081	26.11	cps
Sulfur	34-1	351636	343736	342393	345922	1.44	cps
Terbium	159-1	8751490	9004329	7900968	8552263	6.76	cps
Terbium	159-2	3861706	3949281	3946507	3919165	1.27	cps
Thallium	203-1	283	267	258	269	4.72	cps
Thallium	205-1	617	558	567	581	5.43	cps
Tin	118-1	358	342	450	383	15.22	cps

LB Number :	LB117645	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P8
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2021-12-03 23:02:17	DataFile Name :	207CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	250	242	233	9.45	cps
Uranium	238-1	75	67	50	64	19.92	cps
Vanadium	51-2	10	17	13	13	25.01	cps
Ytterbium	172-1	0	33	17	17	99.99	cps
Ytterbium	172-2	11	28	6	15	78.05	cps
Ytterbium	176-1	625	625	700	650	6.66	cps
Ytterbium	176-2	4329	4506	4645	4493	3.53	cps
Yttrium	89-1	12252912	12205446	10896905	11785087	6.53	cps
Yttrium	89-2	1191961	1177827	1179653	1183147	0.65	cps
Zinc	66-2	133	130	110	124	10.14	cps
Zirconium	90-1	733	925	817	825	11.65	cps
Zirconium	91-1	208	167	233	203	16.61	cps