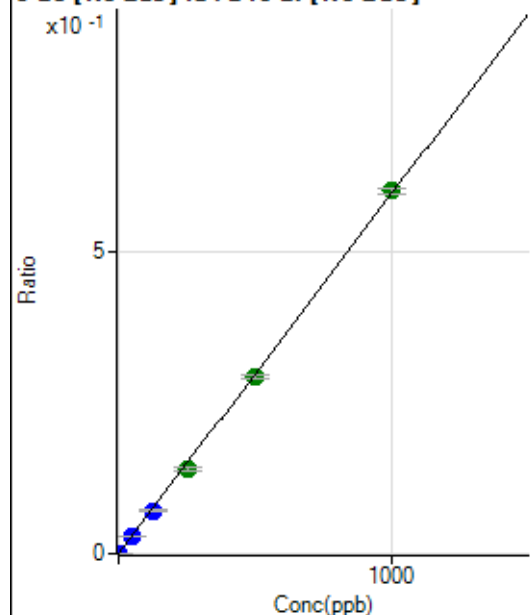


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041022-MS.b\
Analysis File: P8041022-MS.batch.bin
DA Date-Time: 2022-04-11 11:31:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-04-10 12:40:15
2	006CALS.d	S02	2022-04-10 12:46:24
3	007CALS.d	S03	2022-04-10 12:49:27
4	008CALS.d	S04	2022-04-10 12:52:33
5	009CALS.d	S05	2022-04-10 12:55:36
6	010CALS.d	S06	2022-04-10 12:58:42
7	011CALS.d	S07	2022-04-10 13:01:45
8	012CALS.d	S08	2022-04-10 13:04:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.32	0.0000	P	29.3
2	☐	1.000	1.003	5143.90	0.0006	P	5.9
3	☐	50.000	47.188	253889.02	0.0282	P	2.7
4	☐	125.000	118.906	635680.72	0.0709	P	3.8
5	☐	250.000	236.203	1299798.63	0.1409	A	3.8
6	☐	500.000	491.735	2613669.12	0.2934	A	2.8
7	☐	1000.000	1008.484	5402098.28	0.6017	A	1.4
8	☐			561.23	0.0001	P	6.0

$$y = 5.9660\text{E-}004 * x + 3.6731\text{E-}006$$

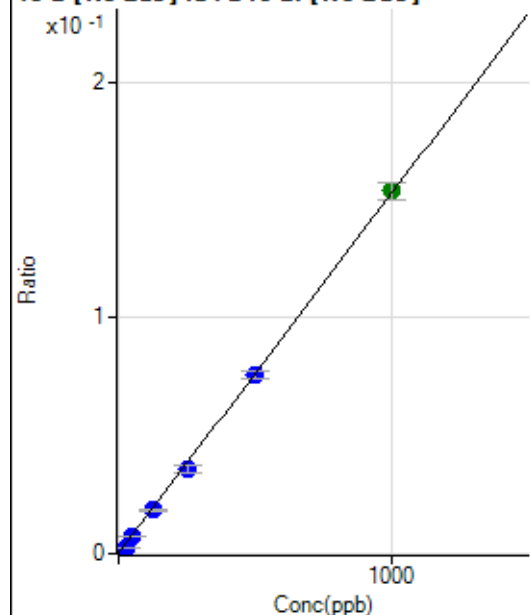
$$R = 0.9998$$

$$DL = 0.005408$$

$$BEC = 0.006157$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1436.46	0.0002	P	4.1
2	☐	25.000	13.626	19158.26	0.0022	P	1.7
3	☐	50.000	47.782	67218.14	0.0075	P	3.1
4	☐	125.000	119.496	164900.17	0.0184	P	5.6
5	☐	250.000	233.298	329106.94	0.0358	P	10.1
6	☐	500.000	496.659	676901.57	0.0760	P	3.7
7	☐	1000.000	1006.929	1381604.32	0.1539	A	5.0
8	☐			113128.83	0.0136	P	5.3

$$y = 1.5264\text{E-}004 * x + 1.5803\text{E-}004$$

$$R = 0.9998$$

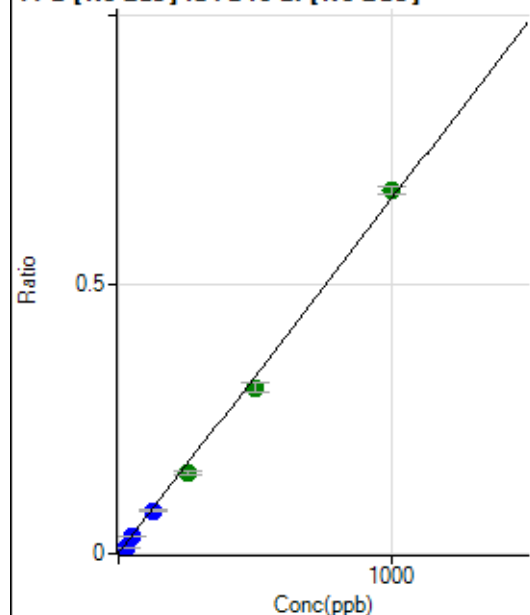
$$DL = 0.1276$$

$$BEC = 1.035$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6252.80	0.0007	P	4.4
2	☐	25.000	14.333	86639.50	0.0101	P	2.6
3	☐	50.000	47.984	291126.18	0.0323	P	4.1
4	☐	125.000	120.884	719121.71	0.0803	P	5.7
5	☐	250.000	226.848	1383426.45	0.1500	A	5.2
6	☐	500.000	467.744	2751301.21	0.3086	A	5.7
7	☐	1000.000	1022.798	6049732.31	0.6740	A	2.0
8	☐			510807.67	0.0613	P	6.2

$$y = 6.5830E-004 * x + 6.8852E-004$$

$$R = 0.9990$$

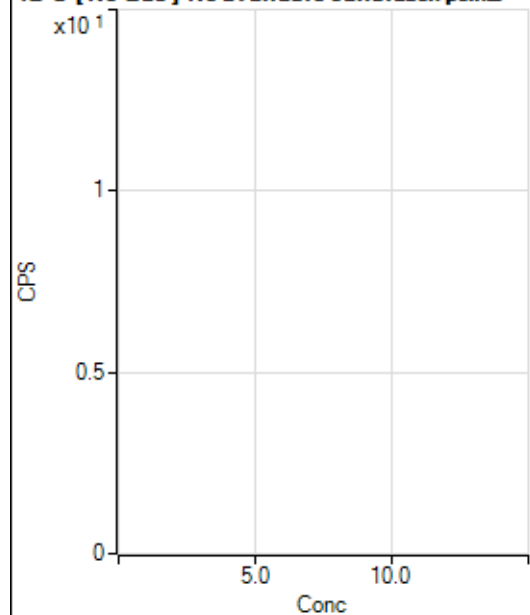
$$DL = 0.1385$$

$$BEC = 1.046$$

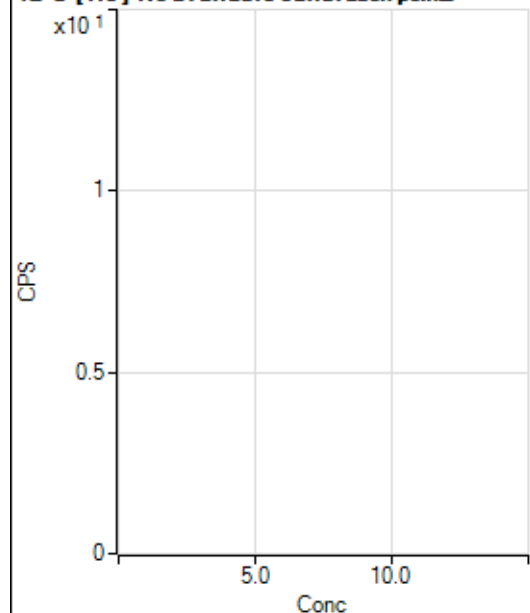
Weight: <None>

Min Conc: 0

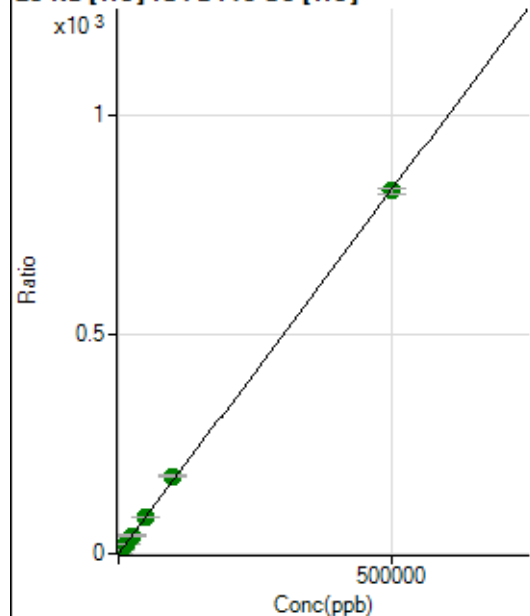
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10498981.23		A	1.2
2	☐			10096860.29		A	0.4
3	☐			9377543.53		A	1.8
4	☐			9178787.79		A	1.9
5	☐			9190265.40		A	0.5
6	☐			9740801.43		A	1.6
7	☐			10751366.21		A	3.1
8	☐			9403950.04		A	2.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101321.66		P	1.6
2	☐			96788.58		P	1.1
3	☐			90503.49		P	2.0
4	☐			89439.13		P	3.2
5	☐			90632.66		P	0.6
6	☐			98643.23		P	1.6
7	☐			116951.16		P	2.0
8	☐			107562.06		P	0.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17160.50	0.0563	P	2.6
2	☐	500.000	458.028	253552.96	0.8165	P	1.9
3	☐	5000.000	4835.809	2472672.21	8.0827	A	2.8
4	☐	12500.000	12438.802	6370844.63	20.7020	A	1.6
5	☐	25000.000	25036.809	12578055.14	41.6120	A	1.5
6	☐	50000.000	50563.137	25995403.88	83.9801	A	0.5
7	☐	100000.00	106109.39	56946783.22	176.1749	A	2.2
8	☐	500000.00	498723.18	263428328.1	827.8287	A	1.5

$$y = 0.0017 * x + 0.0563$$

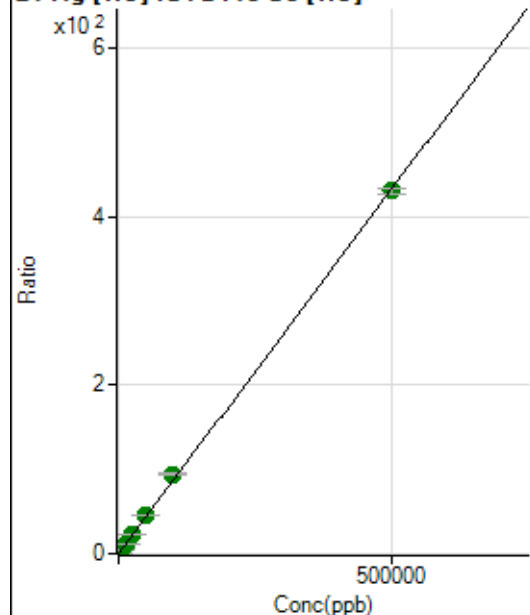
$$R = 0.9999$$

$$DL = 2.62$$

$$BEC = 33.9$$

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	394.46	0.0013	P	34.1
2	☐	500.000	490.599	132182.30	0.4257	P	1.3
3	☐	5000.000	5176.575	1370515.54	4.4793	A	1.7
4	☐	12500.000	12928.100	3441858.58	11.1847	A	0.9
5	☐	25000.000	25924.490	6777696.12	22.4273	A	2.6
6	☐	50000.000	52387.581	14028293.02	45.3191	A	1.1
7	☐	100000.00	109136.62	30514361.45	94.4098	A	1.5
8	☐	500000.00	497875.23	137055093.3	430.6878	A	1.7

$$y = 8.6505\text{E-}004 * x + 0.0013$$

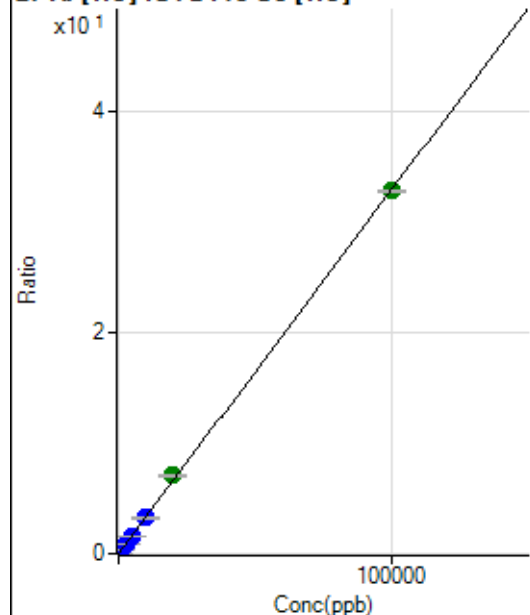
$$R = 0.9998$$

$$DL = 1.531$$

$$BEC = 1.498$$

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	329.13	0.0011	P	6.8
2	☐	20.000	16.617	2031.15	0.0065	P	1.5
3	☐	1000.000	980.218	98896.02	0.3232	P	1.3
4	☐	2500.000	2463.482	249463.36	0.8107	P	1.1
5	☐	5000.000	4962.012	493114.63	1.6318	P	2.1
6	☐	10000.000	9779.730	995215.81	3.2151	P	1.1
7	☐	20000.000	21502.278	2283860.43	7.0676	A	1.7
8	☐	100000.00	99724.582	10429418.42	32.7746	A	0.5

$$y = 3.2864\text{E-}004 * x + 0.0011$$

$$R = 0.9999$$

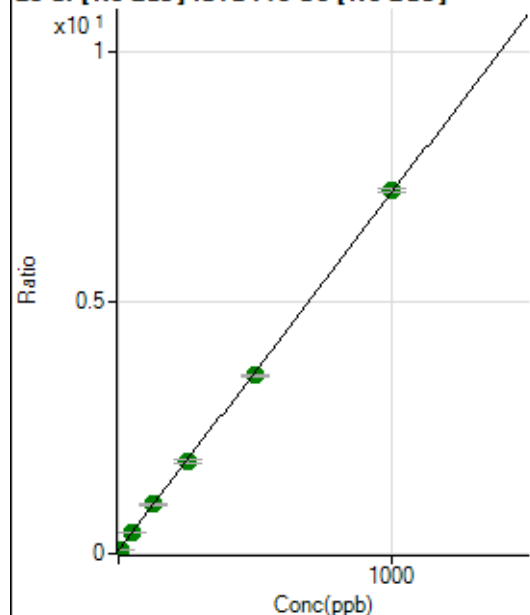
$$DL = 0.6704$$

$$BEC = 3.286$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	834219.98	0.0698	P	1.1
2	☐	10.000	0.929	915005.52	0.0764	A	3.5
3	☐	50.000	51.197	5205555.63	0.4341	A	2.1
4	☐	125.000	128.531	11969437.50	0.9845	A	5.2
5	☐	250.000	249.742	22639702.07	1.8471	A	3.2
6	☐	500.000	488.091	42945428.39	3.5434	A	1.8
7	☐	1000.000	1005.609	88560633.23	7.2265	A	0.9
8	☐			1186277.95	0.1026	A	3.1

$$y = 0.0071 * x + 0.0698$$

$$R = 0.9998$$

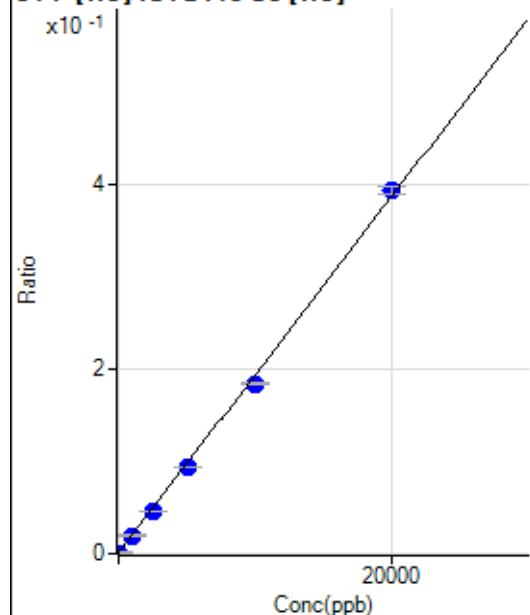
$$DL = 0.3296$$

$$BEC = 9.803$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.137	227.78	0.0007	P	14.8
2	☐	0.000	7.137	316.68	0.0010	P	26.5
3	☐	1000.000	975.255	6012.51	0.0197	P	8.0
4	☐	2500.000	2322.356	14029.38	0.0456	P	3.2
5	☐	5000.000	4778.293	28072.43	0.0929	P	0.7
6	☐	10000.000	9506.033	56924.76	0.1839	P	0.6
7	☐	20000.000	20325.853	126735.11	0.3922	P	2.3
8	☐			244.45	0.0008	P	18.1

$$y = 1.9252E-005 * x + 8.8456E-004$$

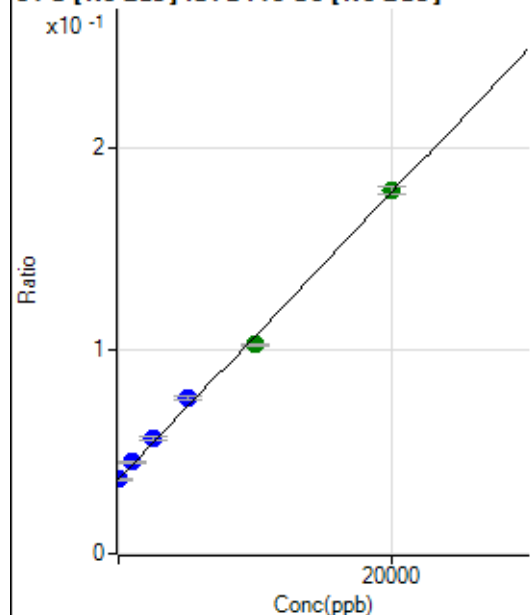
$$R = 0.9995$$

$$DL = 29.71$$

$$BEC = 45.95$$

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	2.853	438461.97	0.0367	P	1.5
2	☐	0.000	-2.853	438782.36	0.0366	P	2.7
3	☐	1000.000	1209.157	541883.62	0.0452	P	1.2
4	☐	2500.000	2864.343	692032.95	0.0569	P	2.3
5	☐	5000.000	5659.908	939337.29	0.0767	P	3.0
6	☐	10000.000	9372.969	1247361.86	0.1029	A	1.2
7	☐	20000.000	20092.538	2189786.81	0.1787	A	2.1
8	☐			385537.90	0.0333	P	0.9

$$y = 7.0708\text{E-}006 * x + 0.0366$$

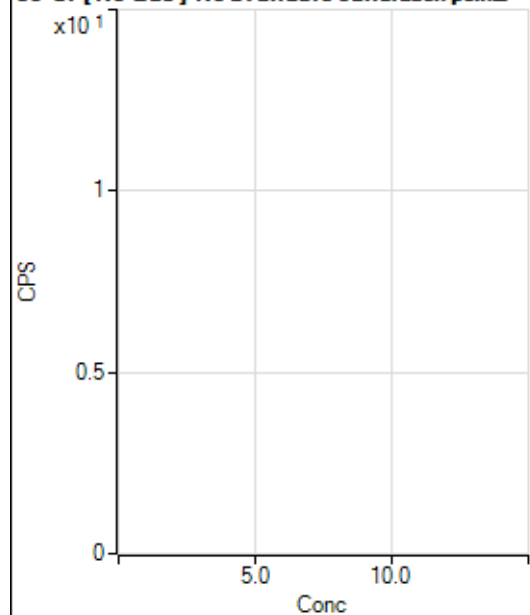
$$R = 0.9986$$

$$DL = 328.9$$

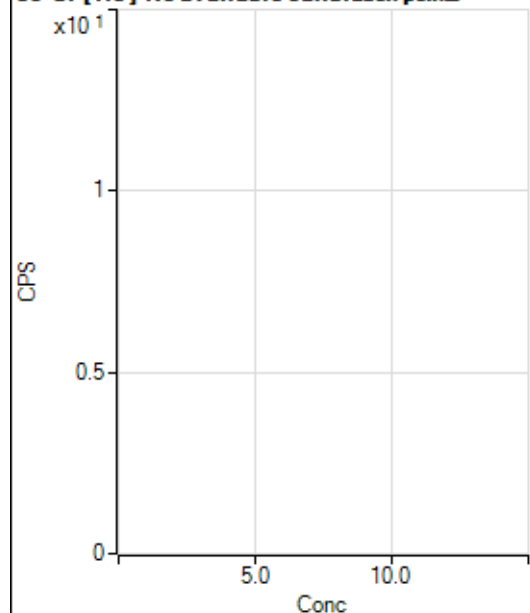
$$BEC = 5183$$

Weight: <None>

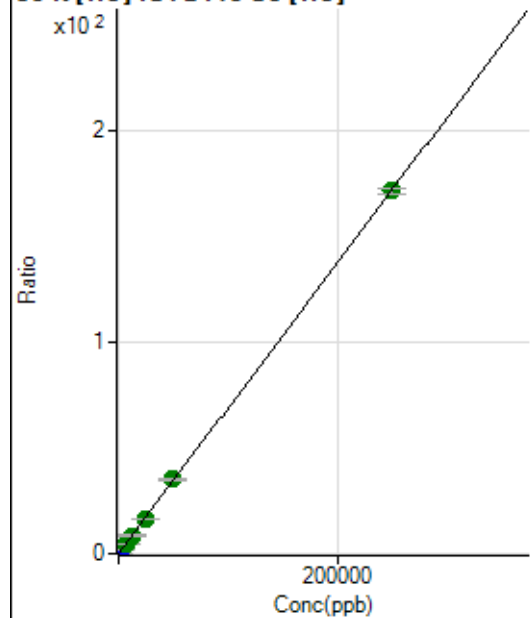
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			277095.19		P	0.8
2	☐			232491.15		P	1.8
3	☐			213412.72		P	1.2
4	☐			198996.92		P	0.9
5	☐			183342.33		P	0.4
6	☐			175159.95		P	1.1
7	☐			175970.12		P	1.0
8	☐			165490.72		P	2.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1605.69		P	12.5
2	☐			1558.47		P	4.3
3	☐			1305.65		P	4.7
4	☐			1225.08		P	12.6
5	☐			1119.52		P	5.3
6	☐			1194.53		P	12.9
7	☐			1122.29		P	4.1
8	☐			1022.29		P	13.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18531.79	0.0608	P	1.1
2	☐	500.000	450.606	114802.65	0.3697	P	1.2
3	☐	2500.000	2422.048	526746.25	1.7214	P	0.2
4	☐	6250.000	6341.004	1356522.32	4.4083	A	1.6
5	☐	12500.000	12453.026	2598421.43	8.5987	A	2.3
6	☐	25000.000	23794.797	5068645.51	16.3748	A	3.1
7	☐	50000.000	51055.173	11332300.60	35.0649	A	1.9
8	☐	250000.00	249910.43	54546369.27	171.4027	A	1.4

$$y = 6.8561E-004 * x + 0.0608$$

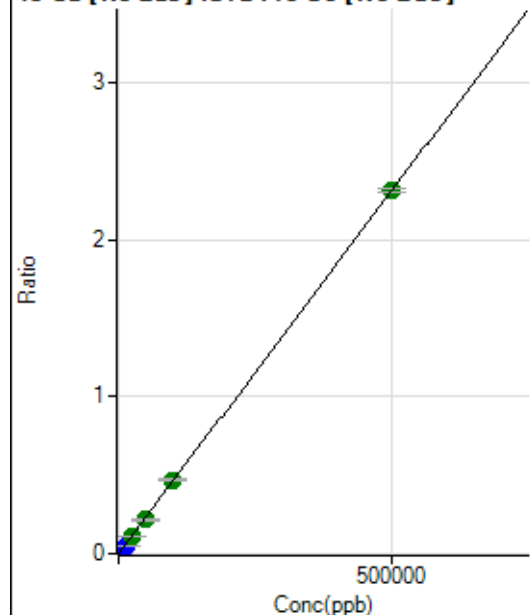
$$R = 1.0000$$

$$DL = 3.027$$

$$BEC = 88.65$$

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	298.72	0.0000	P	5.5
2	☐	500.000	445.568	24963.03	0.0021	P	1.3
3	☐	5000.000	4688.392	259953.17	0.0217	P	1.8
4	☐	12500.000	11609.449	652545.14	0.0537	P	2.5
5	☐	25000.000	23177.148	1312205.57	0.1071	A	2.1
6	☐	50000.000	46454.059	2601092.44	0.2146	A	1.6
7	☐	100000.00	101616.03	5751509.82	0.4694	A	3.2
8	☐	500000.00	500147.96	26713435.03	2.3103	A	0.9

$$y = 4.6193\text{E-}006 * x + 2.4979\text{E-}005$$

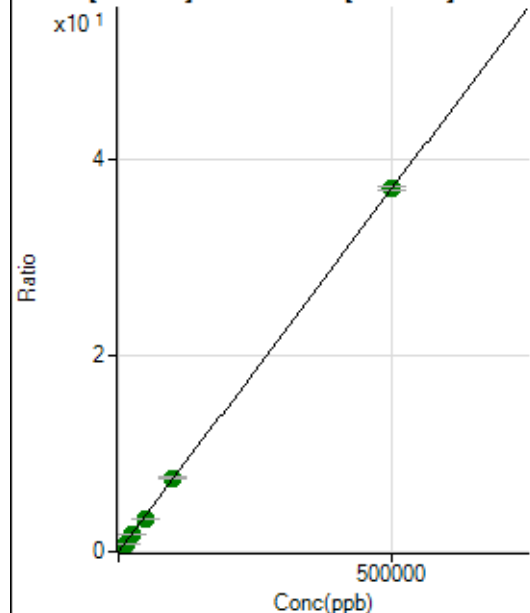
$$R = 1.0000$$

$$DL = 0.8877$$

$$BEC = 5.408$$

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	15865.23	0.0013	P	1.3
2	☐	500.000	449.434	414996.84	0.0346	P	1.8
3	☐	5000.000	4695.478	4188508.57	0.3493	A	0.3
4	☐	12500.000	11631.923	10503346.45	0.8634	A	0.6
5	☐	25000.000	22643.282	20585656.40	1.6794	A	0.7
6	☐	50000.000	46031.286	41360472.59	3.4126	A	0.7
7	☐	100000.00	101511.19	92187777.87	7.5242	A	2.0
8	☐	500000.00	500237.26	428623036.2	37.0732	A	1.1

$$y = 7.4108\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

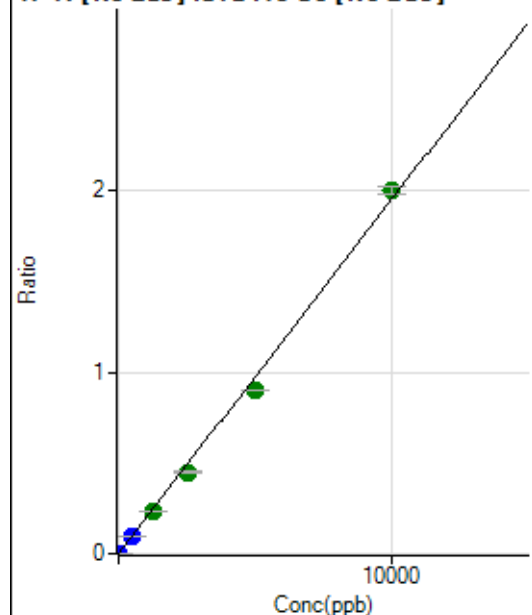
$$DL = 0.7023$$

$$BEC = 17.9$$

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	433.35	0.0000	P	12.5
2	☐	5.000	4.720	11460.39	0.0010	P	3.7
3	☐	500.000	482.276	1128292.04	0.0941	P	0.7
4	☐	1250.000	1204.170	2857310.42	0.2349	A	1.5
5	☐	2500.000	2304.315	5507307.76	0.4495	A	2.2
6	☐	5000.000	4614.339	10907849.63	0.9000	A	0.6
7	☐	10000.000	10248.367	24489660.10	1.9988	A	2.1
8	☐			4109.05	0.0004	P	2.2

$$y = 1.9504\text{E-}004 * x + 3.6237\text{E-}005$$

$$R = 0.9987$$

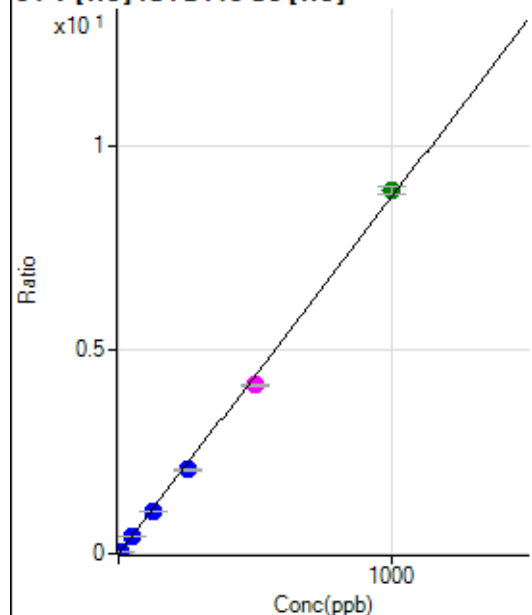
$$DL = 0.06995$$

$$BEC = 0.1858$$

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	5.56	0.0000	P	91.3
2	☐	5.000	4.576	12432.17	0.0400	P	0.5
3	☐	50.000	46.725	125021.46	0.4086	P	2.2
4	☐	125.000	118.413	318673.07	1.0356	P	0.2
5	☐	250.000	236.666	625456.06	2.0697	P	2.1
6	☐	500.000	472.745	1279738.53	4.1343	M	1.8
7	☐	1000.000	1017.950	2876522.32	8.9022	A	2.1
8	☐			533.35	0.0017	P	5.6

$$y = 0.0087 * x + 1.8241\text{E-}005$$

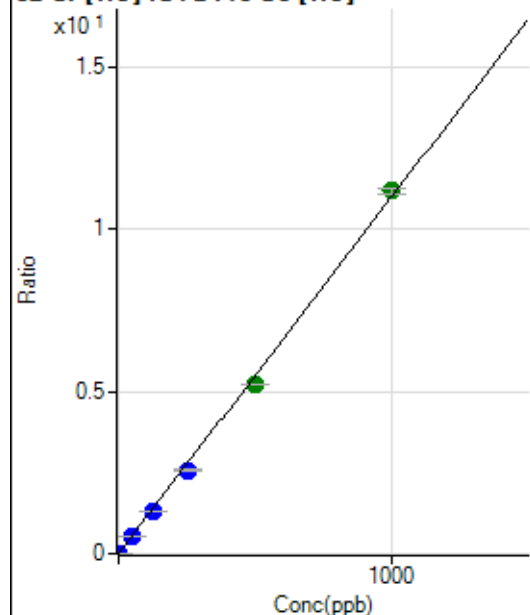
$$R = 0.9994$$

$$DL = 0.005713$$

$$BEC = 0.002086$$

Weight: <None>

Min Conc: 0

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

$$y = 0.0110 * x + 0.0050$$

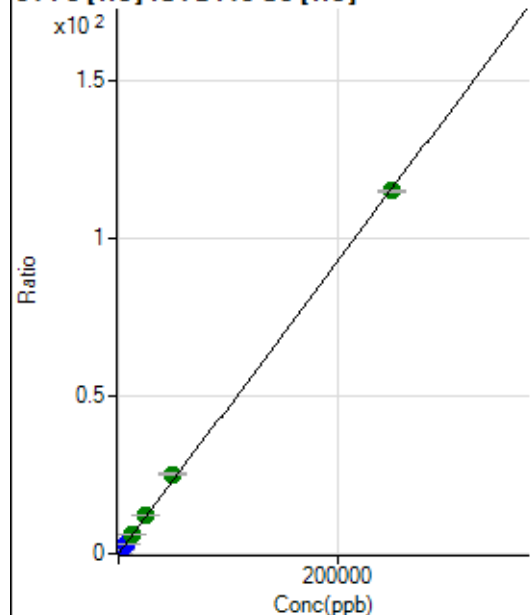
$$R = 0.9994$$

$$DL = 0.08871$$

$$BEC = 0.4519$$

Weight: <None>

Min Conc: 0

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

$$y = 4.6210E-004 * x + 0.0025$$

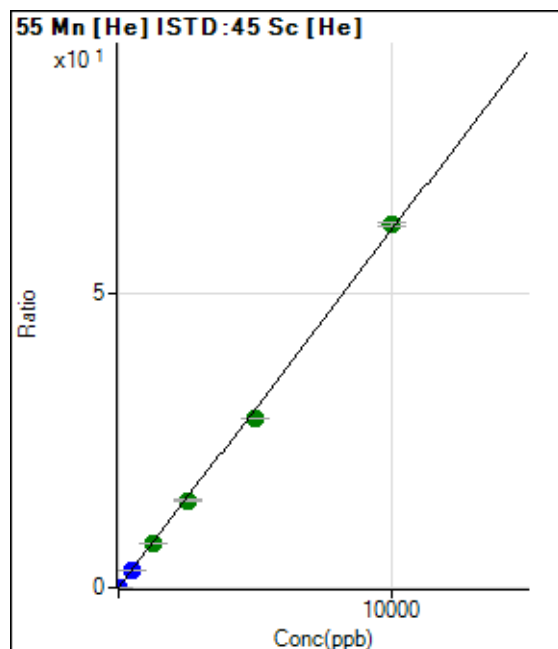
$$R = 0.9998$$

$$DL = 0.8126$$

$$BEC = 5.322$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.33	0.0004	P	40.1
2	☐	1.000	0.912	1837.92	0.0059	P	3.0
3	☐	500.000	477.463	888455.60	2.9040	P	2.3
4	☐	1250.000	1224.134	2290930.66	7.4448	A	0.9
5	☐	2500.000	2425.483	4457188.02	14.7507	A	2.6
6	☐	5000.000	4752.116	8945683.89	28.8998	A	0.3
7	☐	10000.000	10146.931	19943742.34	61.7078	A	1.1
8	☐			9439.87	0.0297	P	1.2

$$y = 0.0061 * x + 3.7228E-004$$

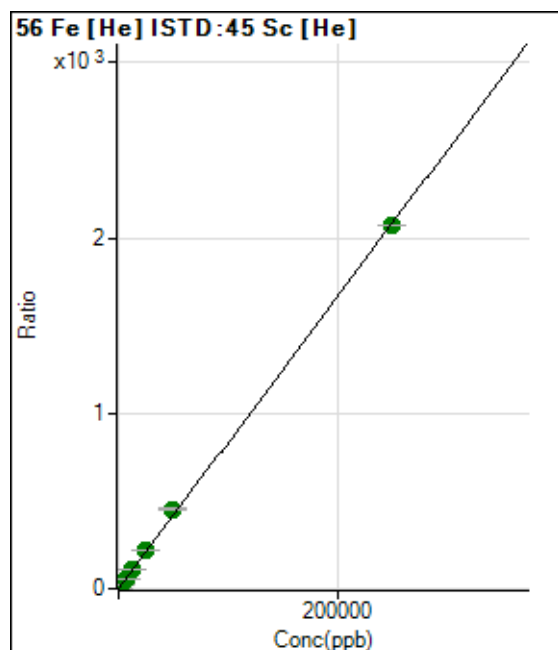
$$R = 0.9995$$

$$DL = 0.07365$$

$$BEC = 0.06122$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6442.32	0.0211	P	1.1
2	☐	50.000	49.309	133758.07	0.4307	P	0.3
3	☐	2500.000	2614.237	6650757.79	21.7365	A	1.7
4	☐	6250.000	6512.102	16652386.02	54.1145	A	1.2
5	☐	12500.000	13113.000	32918251.90	108.9455	A	3.0
6	☐	25000.000	25937.290	66698008.43	215.4717	A	0.4
7	☐	50000.000	54710.161	146861236.6	454.4763	A	2.3
8	☐	250000.00	248925.89	657972673.9	2,067.747	A	0.1

$$y = 0.0083 * x + 0.0211$$

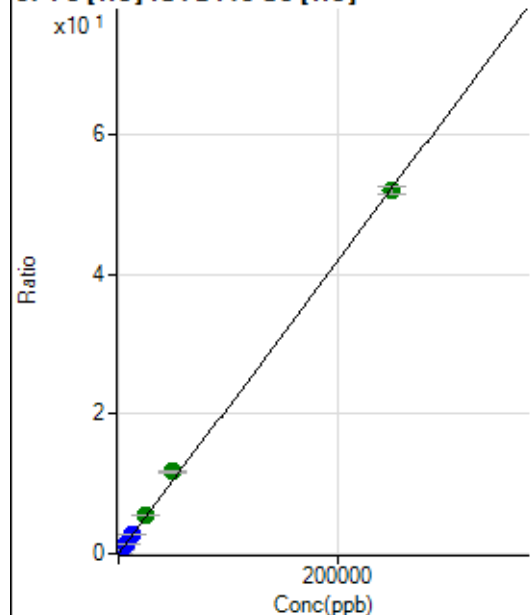
$$R = 0.9998$$

$$DL = 0.08388$$

$$BEC = 2.544$$

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	168.52	0.0006	P	28.0
2	☐	50.000	46.646	3200.41	0.0103	P	3.8
3	☐	2500.000	2583.103	165415.25	0.5406	P	1.5
4	☐	6250.000	6439.493	414508.68	1.3469	P	1.2
5	☐	12500.000	12791.385	808225.93	2.6750	P	3.1
6	☐	25000.000	25990.026	1682281.29	5.4346	A	1.9
7	☐	50000.000	56349.247	3807700.49	11.7822	A	1.2
8	☐	250000.00	248611.01	16539804.54	51.9806	A	1.9

$$y = 2.0908\text{E-}004 * x + 5.5332\text{E-}004$$

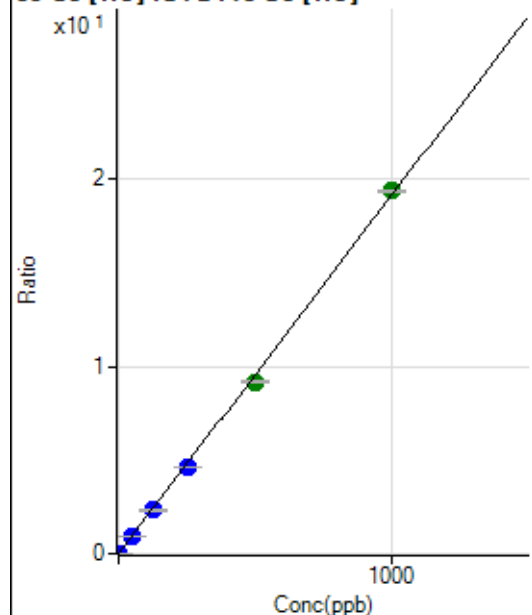
$$R = 0.9996$$

$$DL = 2.224$$

$$BEC = 2.646$$

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	91.11	0.0003	P	24.0
2	☐	1.000	0.920	5564.48	0.0179	P	2.3
3	☐	50.000	48.414	283850.91	0.9276	P	0.9
4	☐	125.000	121.103	713867.98	2.3199	P	1.5
5	☐	250.000	241.238	1396585.86	4.6209	P	1.5
6	☐	500.000	480.224	2847391.49	9.1985	A	1.7
7	☐	1000.000	1012.645	6269016.43	19.3964	A	0.4
8	☐			16025.80	0.0504	P	1.6

$$y = 0.0192 * x + 2.9908\text{E-}004$$

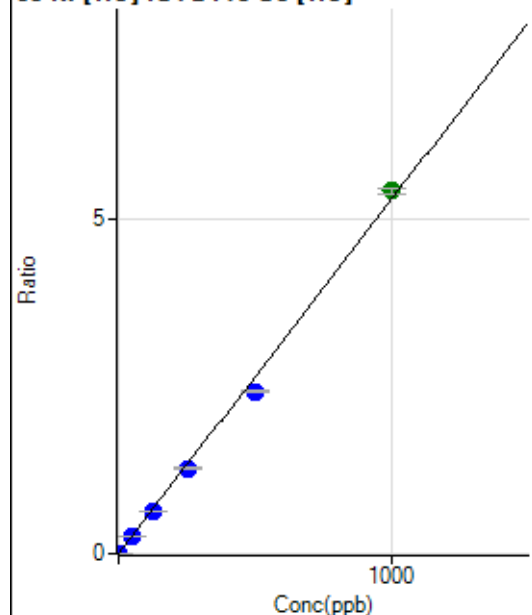
$$R = 0.9997$$

$$DL = 0.01125$$

$$BEC = 0.01561$$

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	80.00	0.0003	P	18.5
2	☐	1.000	0.933	1616.78	0.0052	P	3.5
3	☐	50.000	48.514	78754.72	0.2574	P	1.2
4	☐	125.000	118.961	194100.58	0.6308	P	0.6
5	☐	250.000	239.813	384187.85	1.2713	P	1.8
6	☐	500.000	458.335	752029.87	2.4295	P	0.8
7	☐	1000.000	1024.208	1754474.10	5.4286	A	1.9
8	☐			11415.80	0.0359	P	2.9

$$y = 0.0053 * x + 2.6219E-004$$

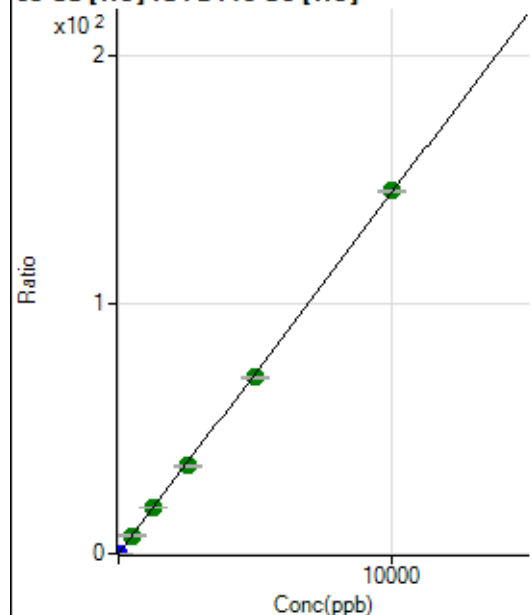
$$R = 0.9987$$

$$DL = 0.02746$$

$$BEC = 0.04947$$

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	821.15	0.0027	P	3.4
2	☐	2.000	1.951	9597.77	0.0309	P	2.0
3	☐	500.000	503.150	2227306.98	7.2801	A	2.3
4	☐	1250.000	1266.031	5635986.79	18.3143	A	0.7
5	☐	2500.000	2435.398	10646192.27	35.2277	A	1.7
6	☐	5000.000	4896.818	21924646.62	70.8292	A	1.3
7	☐	10000.000	10065.580	47052751.52	145.5890	A	0.8
8	☐			12392.16	0.0389	P	1.5

$$y = 0.0145 * x + 0.0027$$

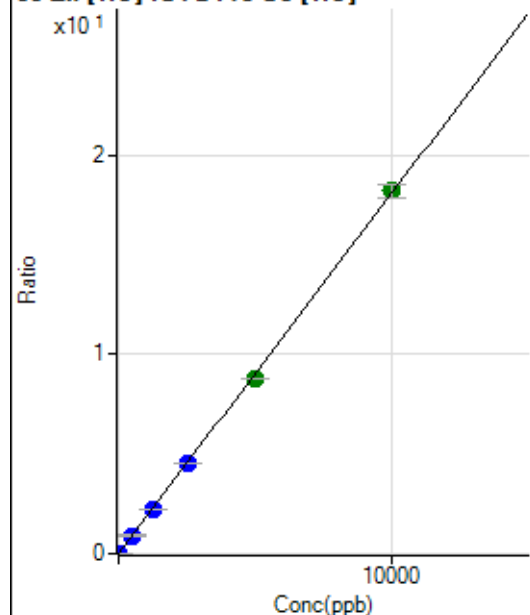
$$R = 0.9999$$

$$DL = 0.01926$$

$$BEC = 0.1862$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	187.78	0.0006	P	7.3
2	☐	2.000	2.171	1411.19	0.0045	P	3.3
3	☐	500.000	503.675	279113.10	0.9123	P	1.8
4	☐	1250.000	1236.870	689095.98	2.2393	P	0.5
5	☐	2500.000	2505.961	1370914.72	4.5364	P	1.7
6	☐	5000.000	4861.067	2723697.98	8.7990	A	0.8
7	☐	10000.000	10069.434	5888311.51	18.2261	A	3.5
8	☐			5855.70	0.0184	P	2.5

$$y = 0.0018 * x + 6.1566E-004$$

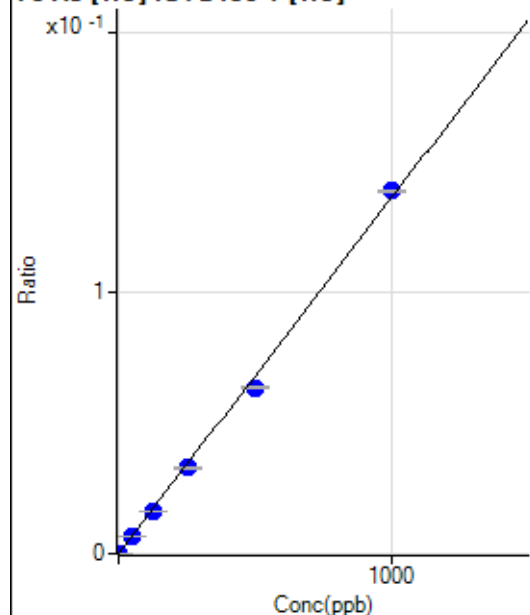
$$R = 0.9999$$

$$DL = 0.07496$$

$$BEC = 0.3401$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.67	0.0000	P	35.0
2	☐	1.000	0.975	320.04	0.0001	P	2.5
3	☐	50.000	49.059	15585.48	0.0067	P	2.5
4	☐	125.000	119.804	38537.84	0.0164	P	1.1
5	☐	250.000	241.504	75829.81	0.0330	P	3.0
6	☐	500.000	466.901	153151.84	0.0637	P	1.3
7	☐	1000.000	1019.370	342209.08	0.1392	P	0.8
8	☐			135.35	0.0001	P	22.4

$$y = 1.3652E-004 * x + 3.7941E-006$$

$$R = 0.9992$$

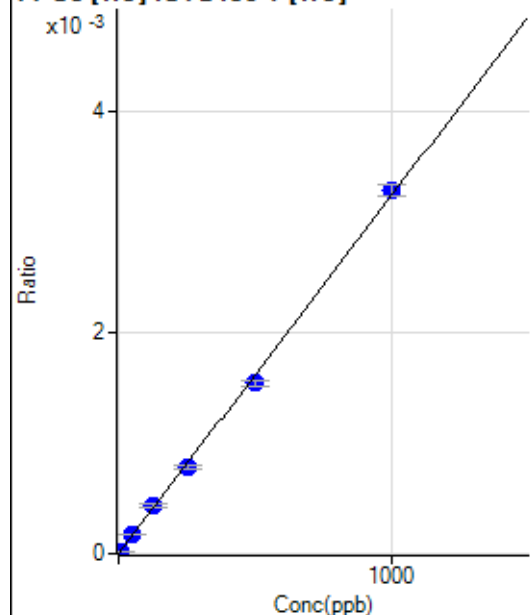
$$DL = 0.02919$$

$$BEC = 0.02779$$

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	6.141	46.67	0.0000	P	27.3
3	☐	50.000	53.550	404.45	0.0002	P	9.0
4	☐	125.000	134.162	1025.60	0.0004	P	4.9
5	☐	250.000	240.970	1799.02	0.0008	P	4.3
6	☐	500.000	475.684	3709.42	0.0015	P	3.5
7	☐	1000.000	1013.087	8086.86	0.0033	P	3.3
8	☐			2.22	0.0000	P	86.7

$$y = 3.2455\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9994$$

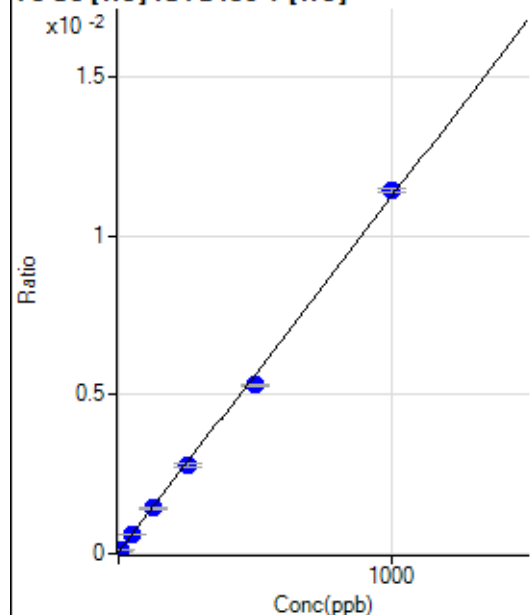
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.34	0.0001	P	8.3
2	☐	5.000	5.396	266.36	0.0001	P	2.4
3	☐	50.000	49.860	1422.55	0.0006	P	0.5
4	☐	125.000	123.059	3369.75	0.0014	P	1.9
5	☐	250.000	243.388	6383.43	0.0028	P	4.9
6	☐	500.000	469.666	12755.06	0.0053	P	1.7
7	☐	1000.000	1017.068	28114.12	0.0114	P	1.1
8	☐			124.34	0.0001	P	8.0

$$y = 1.1189\text{E-}005 * x + 5.3576\text{E-}005$$

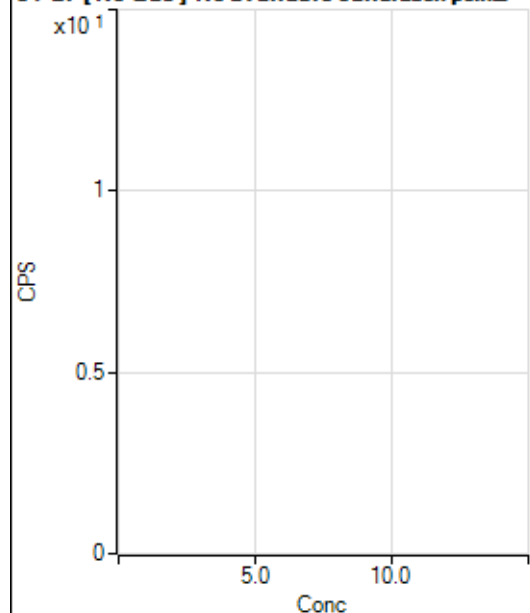
$$R = 0.9993$$

$$DL = 1.186$$

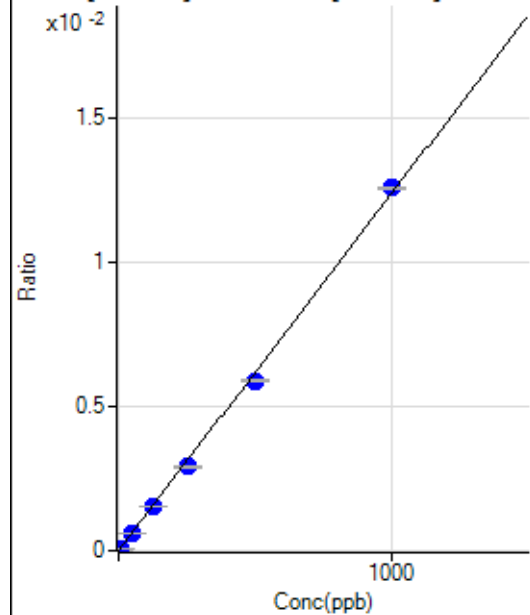
$$BEC = 4.788$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73347.62		P	3.9
2	☐			73549.81		P	2.0
3	☐			77107.63		P	2.3
4	☐			70558.92		P	2.2
5	☐			70925.54		P	2.0
6	☐			72574.55		P	2.3
7	☐			71013.95		P	1.4
8	☐			74320.25		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-300.26	0.0000	P	-55.
2	☐	5.000	6.055	1576.38	0.0001	P	17.0
3	☐	50.000	48.593	15043.67	0.0006	P	0.6
4	☐	125.000	123.274	37693.55	0.0015	P	1.4
5	☐	250.000	236.027	74086.32	0.0029	P	1.8
6	☐	500.000	474.392	150275.30	0.0059	P	1.1
7	☐	1000.000	1016.578	328098.08	0.0126	P	0.5
8	☐			157.21	0.0000	P	97.4

$$y = 1.2410E-005 * x - 1.2078E-005$$

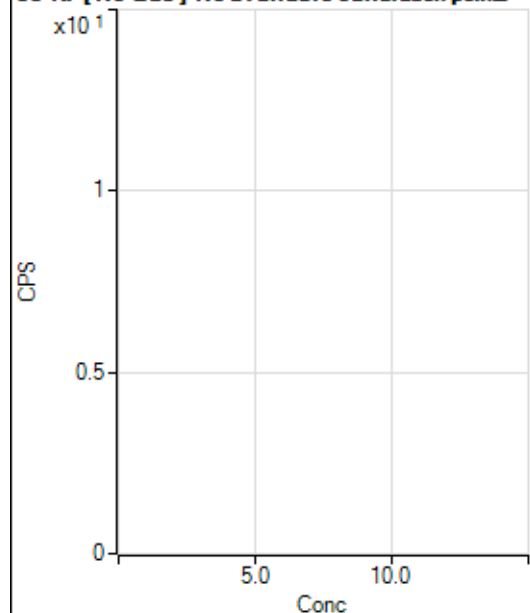
$$R = 0.9994$$

$$DL = 1.629$$

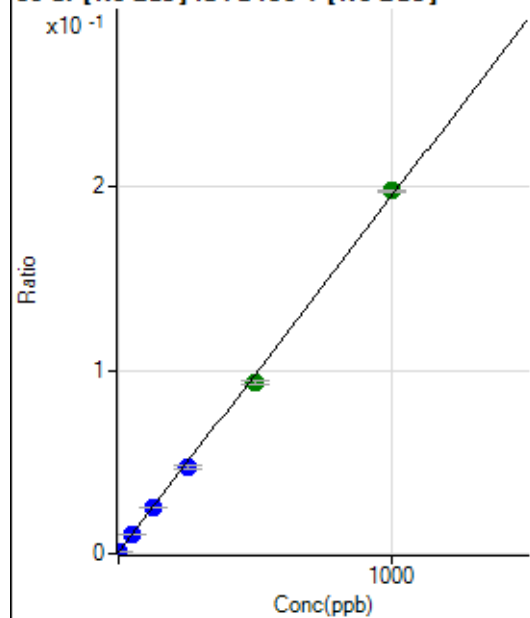
$$BEC = -0.9732$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13837.59		P	0.8
2	☐			13392.63		P	0.5
3	☐			14124.50		P	0.9
4	☐			14097.83		P	5.7
5	☐			13319.23		P	1.8
6	☐			12743.36		P	0.7
7	☐			13629.50		P	1.5
8	☐			13432.66		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22026.23	0.0009	P	3.4
2	☐	1.000	0.749	26027.56	0.0010	P	2.5
3	☐	50.000	48.159	260418.78	0.0102	P	0.8
4	☐	125.000	123.207	615375.64	0.0248	P	1.0
5	☐	250.000	238.737	1197938.32	0.0472	P	3.8
6	☐	500.000	475.629	2381608.39	0.0931	A	1.6
7	☐	1000.000	1015.318	5147077.46	0.1977	A	0.5
8	☐			53648.09	0.0022	P	1.6

$$y = 1.9385E-004 * x + 8.9504E-004$$

$$R = 0.9995$$

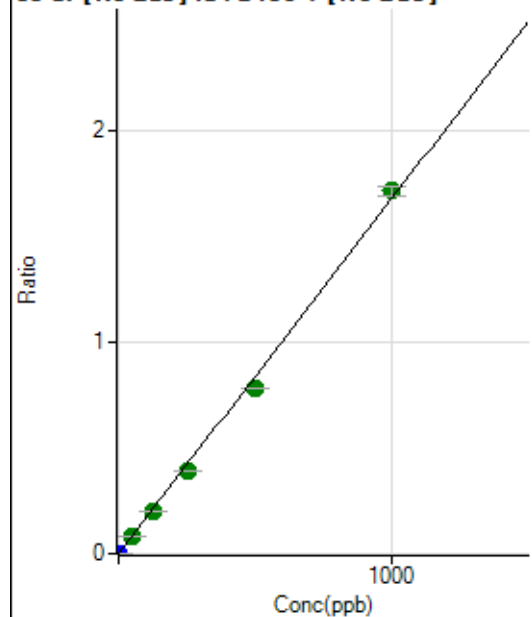
$$DL = 0.4763$$

$$BEC = 4.617$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	491.69	0.0000	P	16.2
2	☐	1.000	0.938	39930.22	0.0016	P	2.7
3	☐	50.000	48.376	2070178.62	0.0813	A	2.1
4	☐	125.000	119.138	4973294.99	0.2003	A	1.6
5	☐	250.000	231.572	9886986.33	0.3892	A	0.8
6	☐	500.000	465.394	20009708.09	0.7822	A	0.1
7	☐	1000.000	1022.724	44748829.82	1.7190	A	2.6
8	☐			291771.88	0.0117	P	2.2

$$y = 0.0017 * x + 2.0002E-005$$

$$R = 0.9989$$

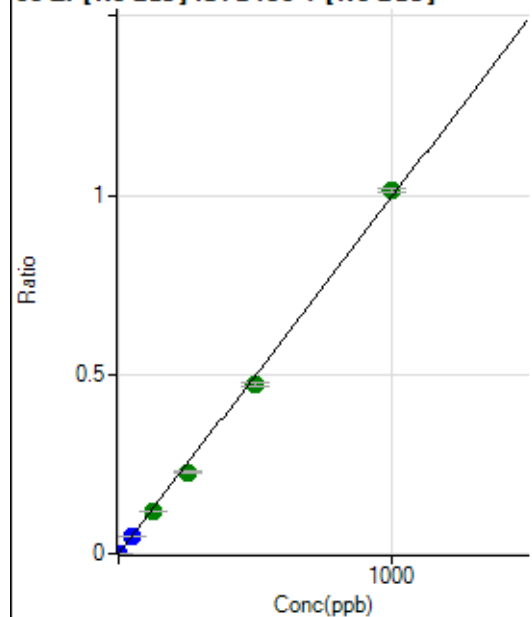
$$DL = 0.005785$$

$$BEC = 0.0119$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1152.86	0.0000	P	6.8
2	☐	1.000	0.899	23551.04	0.0009	P	2.3
3	☐	50.000	48.318	1224253.44	0.0481	P	1.6
4	☐	125.000	119.096	2942299.54	0.1185	A	1.4
5	☐	250.000	229.002	5784907.38	0.2278	A	2.2
6	☐	500.000	475.987	12107819.72	0.4734	A	2.3
7	☐	1000.000	1018.078	26356941.73	1.0124	A	1.0
8	☐			13265.10	0.0005	P	0.3

$$y = 9.9442E-004 * x + 4.6859E-005$$

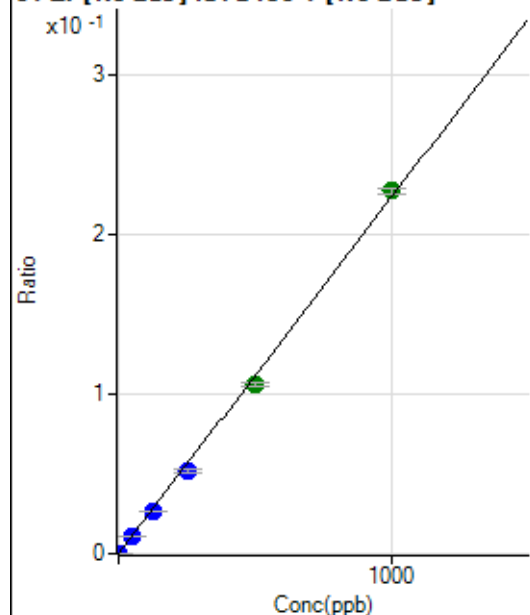
$$R = 0.9993$$

$$DL = 0.009677$$

$$BEC = 0.04712$$

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	191.67	0.0000	P	11.2
2	☐	1.000	0.893	5192.77	0.0002	P	4.4
3	☐	50.000	47.663	271459.71	0.0107	P	0.3
4	☐	125.000	120.101	667042.89	0.0269	P	1.0
5	☐	250.000	231.683	1315715.79	0.0518	P	2.5
6	☐	500.000	475.430	2718936.17	0.1063	A	2.1
7	☐	1000.000	1017.594	5922641.19	0.2275	A	1.7
8	☐			2955.96	0.0001	P	6.7

$$y = 2.2357\text{E-}004 * x + 7.7732\text{E-}006$$

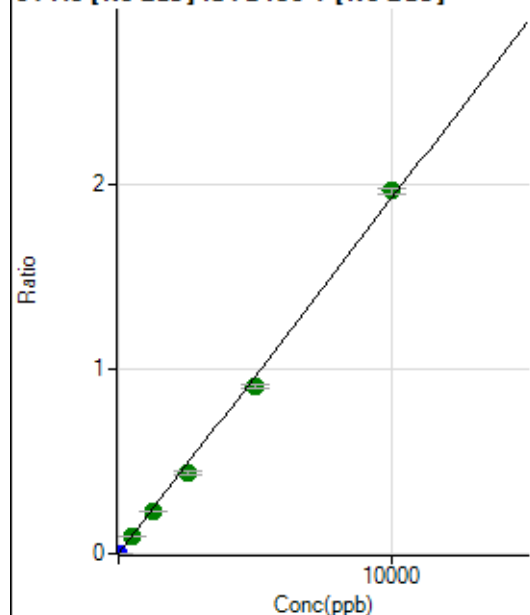
$$R = 0.9994$$

$$DL = 0.01166$$

$$BEC = 0.03477$$

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	411.13	0.0000	P	4.5
2	☐	5.000	5.592	27335.96	0.0011	P	2.6
3	☐	500.000	472.891	2316425.99	0.0910	A	1.5
4	☐	1250.000	1187.060	5672189.97	0.2284	A	0.8
5	☐	2500.000	2274.812	11115928.20	0.4377	A	2.8
6	☐	5000.000	4701.829	23138006.42	0.9046	A	1.6
7	☐	10000.000	10214.605	51160951.49	1.9652	A	1.5
8	☐			18259.77	0.0007	P	2.8

$$y = 1.9239\text{E-}004 * x + 1.6708\text{E-}005$$

$$R = 0.9991$$

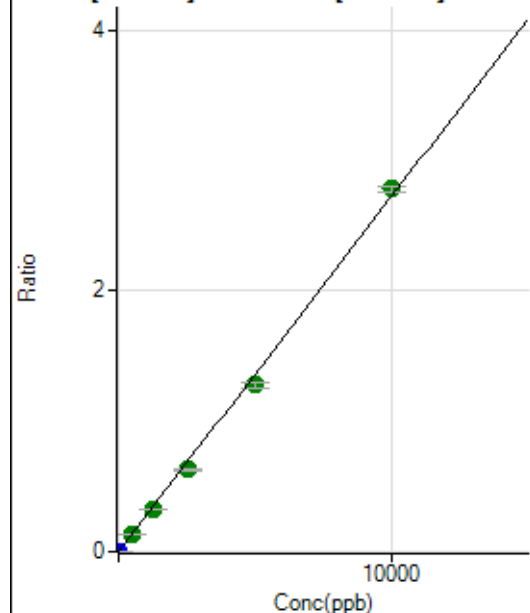
$$DL = 0.01163$$

$$BEC = 0.08685$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	28.0
2	☐	5.000	4.775	32650.18	0.0013	P	0.6
3	☐	500.000	469.241	3255281.78	0.1279	A	0.2
4	☐	1250.000	1206.481	8165632.99	0.3288	A	0.6
5	☐	2500.000	2301.860	15934010.43	0.6273	A	1.1
6	☐	5000.000	4685.785	32661119.13	1.2769	A	2.7
7	☐	10000.000	10213.620	72456211.34	2.7833	A	1.4
8	☐			20980.24	0.0008	P	4.5

$$y = 2.7251E-004 * x + 3.3945E-006$$

$$R = 0.9991$$

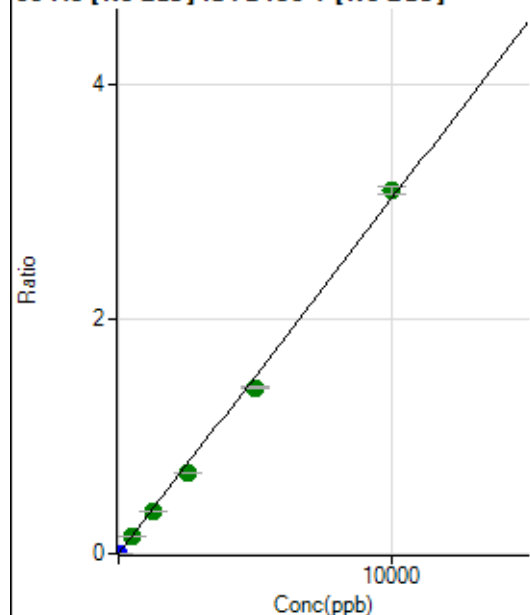
$$DL = 0.01045$$

$$BEC = 0.01246$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	511.14	0.0000	P	10.9
2	☐	5.000	4.821	36966.69	0.0015	P	2.6
3	☐	500.000	464.714	3574930.42	0.1404	A	1.0
4	☐	1250.000	1190.954	8938319.99	0.3599	A	1.4
5	☐	2500.000	2279.136	17493514.80	0.6887	A	1.8
6	☐	5000.000	4675.718	36140568.17	1.4129	A	1.0
7	☐	10000.000	10226.502	80442759.44	3.0902	A	2.2
8	☐			64550.60	0.0026	P	3.1

$$y = 3.0217E-004 * x + 2.0795E-005$$

$$R = 0.9990$$

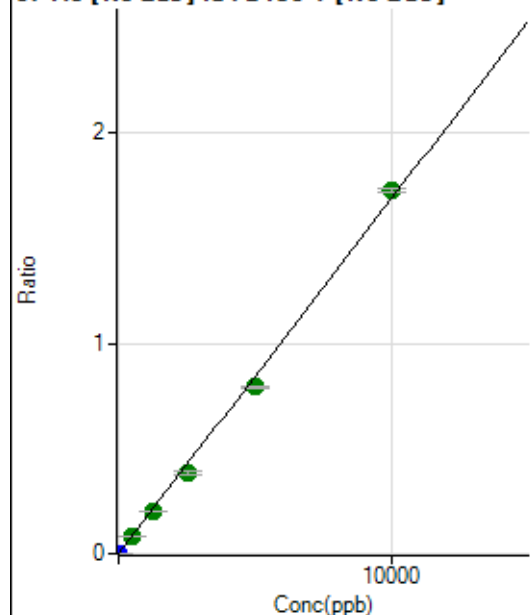
$$DL = 0.02257$$

$$BEC = 0.06882$$

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	58.34	0.0000	P	41.0
2	☐	5.000	4.761	20173.46	0.0008	P	1.4
3	☐	500.000	471.965	2028413.09	0.0797	A	1.2
4	☐	1250.000	1194.547	5008331.14	0.2017	A	3.0
5	☐	2500.000	2279.425	9774799.52	0.3849	A	3.3
6	☐	5000.000	4693.236	20270385.87	0.7924	A	0.4
7	☐	10000.000	10216.859	44905773.23	1.7250	A	0.9
8	☐			12975.88	0.0005	P	0.9

$$y = 1.6884\text{E-}004 * x + 2.3536\text{E-}006$$

$$R = 0.9990$$

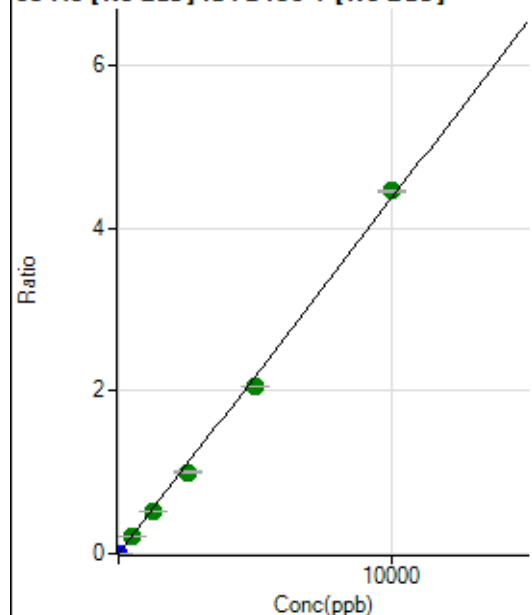
$$DL = 0.01713$$

$$BEC = 0.01394$$

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	175.01	0.0000	P	16.8
2	☐	5.000	4.774	52391.71	0.0021	P	2.4
3	☐	500.000	468.550	5211849.03	0.2048	A	2.0
4	☐	1250.000	1205.253	13080512.79	0.5267	A	0.9
5	☐	2500.000	2289.998	25419672.10	1.0007	A	2.9
6	☐	5000.000	4691.484	52443113.67	2.0502	A	0.3
7	☐	10000.000	10213.924	116196116.4	4.4635	A	0.3
8	☐			29100.62	0.0012	P	3.7

$$y = 4.3700\text{E-}004 * x + 7.0884\text{E-}006$$

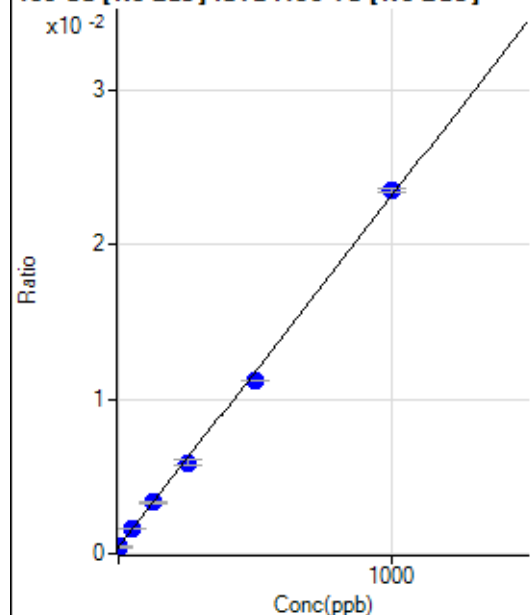
$$R = 0.9991$$

$$DL = 0.008168$$

$$BEC = 0.01622$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7338.26	0.0004	P	4.2
2	☐	1.000	0.111	7324.36	0.0004	P	7.4
3	☐	50.000	51.780	26665.35	0.0016	P	2.0
4	☐	125.000	127.362	56218.61	0.0033	P	3.4
5	☐	250.000	240.844	103296.26	0.0059	P	5.4
6	☐	500.000	474.129	197742.91	0.0112	P	0.7
7	☐	1000.000	1014.841	426620.05	0.0235	P	1.2
8	☐			7185.38	0.0004	P	3.4

$$y = 2.2719\text{E-}005 * x + 4.3478\text{E-}004$$

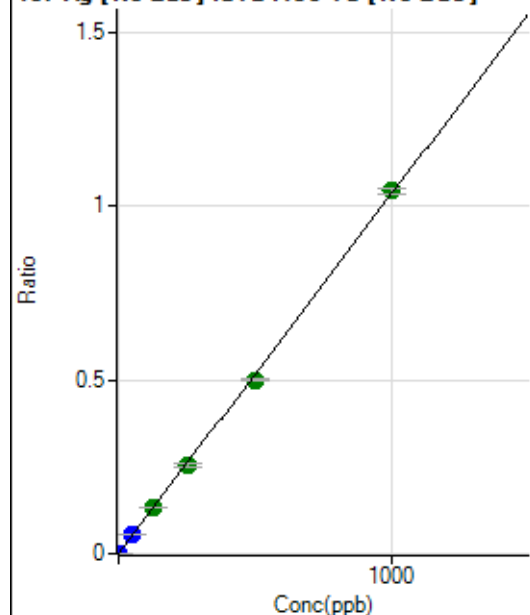
R = 0.9994

DL = 2.396

BEC = 19.14

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	15.2
2	☐	1.000	1.037	18142.92	0.0011	P	3.7
3	☐	50.000	54.499	934812.25	0.0565	P	0.3
4	☐	125.000	129.144	2261556.63	0.1338	A	1.4
5	☐	250.000	245.617	4451952.96	0.2545	A	4.3
6	☐	500.000	483.548	8843470.34	0.5011	A	1.5
7	☐	1000.000	1008.579	18980547.99	1.0452	A	1.6
8	☐			5554.05	0.0003	P	6.7

$$y = 0.0010 * x + 8.3875\text{E-}006$$

R = 0.9998

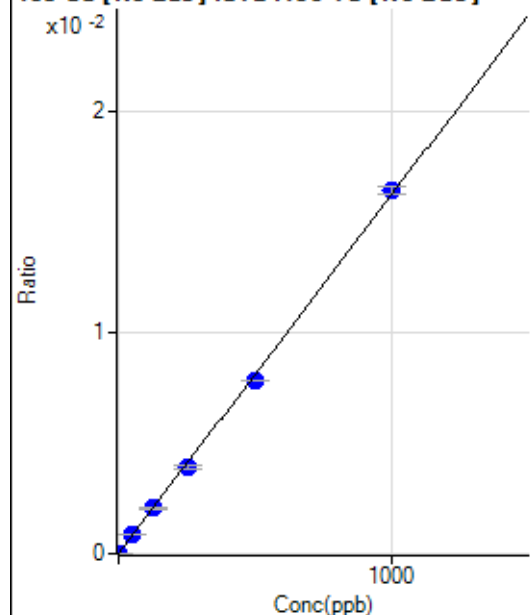
DL = 0.0037

BEC = 0.008094

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	93.06	0.0000	P	33.1
2	☐	1.000	1.018	369.45	0.0000	P	6.7
3	☐	50.000	53.050	14324.27	0.0009	P	2.8
4	☐	125.000	125.959	34579.80	0.0020	P	3.7
5	☐	250.000	240.757	68360.49	0.0039	P	4.0
6	☐	500.000	482.099	138004.10	0.0078	P	0.5
7	☐	1000.000	1010.989	297689.31	0.0164	P	2.2
8	☐			188.89	0.0000	P	8.0

$$y = 1.6210E-005 * x + 5.4992E-006$$

$$R = 0.9997$$

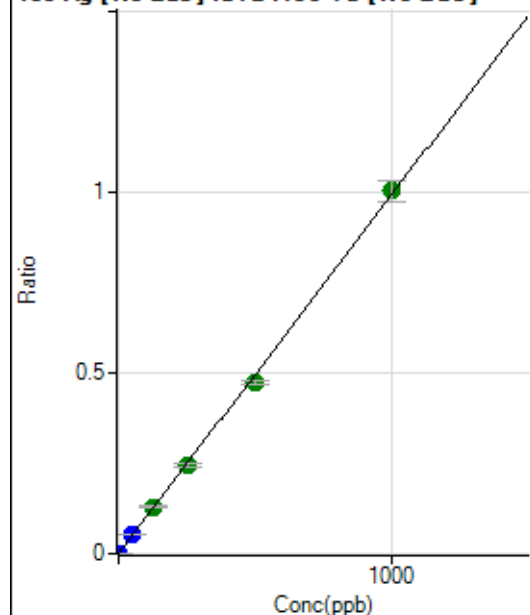
$$DL = 0.3366$$

$$BEC = 0.3392$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.33	0.0000	P	75.0
2	☐	1.000	0.998	16610.45	0.0010	P	5.1
3	☐	50.000	53.497	877084.30	0.0530	P	0.6
4	☐	125.000	129.993	2175498.18	0.1288	A	2.7
5	☐	250.000	244.923	4244168.63	0.2426	A	3.8
6	☐	500.000	477.939	8353116.51	0.4734	A	2.0
7	☐	1000.000	1011.501	18184538.43	1.0020	A	5.6
8	☐			5256.71	0.0003	P	7.5

$$y = 9.9059E-004 * x + 3.4473E-006$$

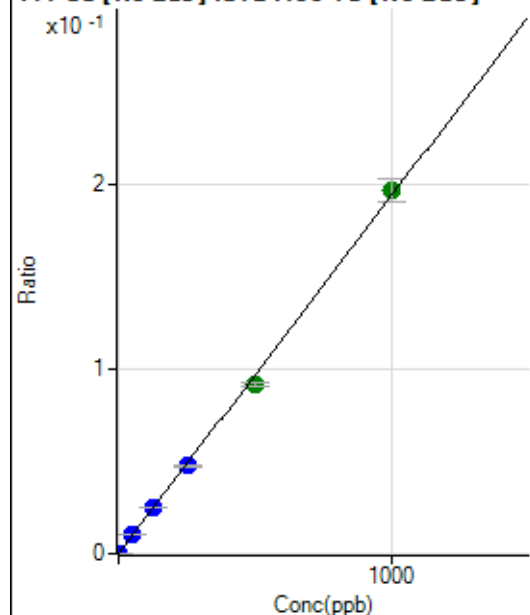
$$R = 0.9996$$

$$DL = 0.007833$$

$$BEC = 0.00348$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1455.29	0.0001	P	6.2
2	☐	1.000	1.002	4703.97	0.0003	P	2.7
3	☐	50.000	52.540	170197.19	0.0103	P	1.0
4	☐	125.000	128.903	424083.30	0.0251	P	3.1
5	☐	250.000	244.905	833133.74	0.0476	P	2.3
6	☐	500.000	474.655	1626860.53	0.0922	A	2.1
7	☐	1000.000	1013.331	3570652.51	0.1968	A	6.3
8	☐			2242.39	0.0001	P	1.7

$$y = 1.9408\text{E-}004 * x + 8.6241\text{E-}005$$

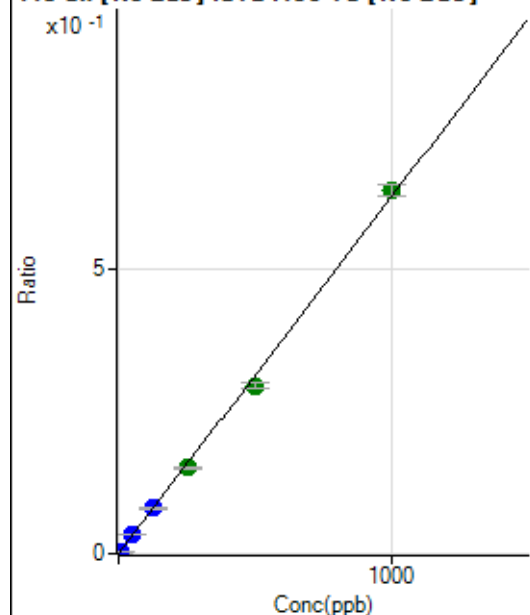
$$R = 0.9995$$

$$DL = 0.08326$$

$$BEC = 0.4444$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1802.94	0.0001	P	10.8
2	☐	5.000	4.982	54244.84	0.0032	P	5.0
3	☐	50.000	52.912	552260.52	0.0334	P	1.0
4	☐	125.000	127.018	1350705.90	0.0800	P	4.1
5	☐	250.000	240.691	2649682.31	0.1514	A	1.2
6	☐	500.000	470.457	5219032.93	0.2959	A	3.7
7	☐	1000.000	1016.701	11606922.14	0.6392	A	3.2
8	☐			53572.58	0.0031	P	0.9

$$y = 6.2863\text{E-}004 * x + 1.0681\text{E-}004$$

$$R = 0.9993$$

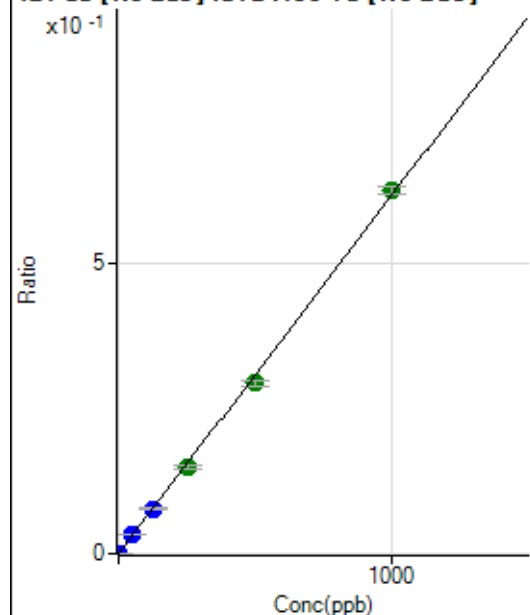
$$DL = 0.05509$$

$$BEC = 0.1699$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	25.1
2	☐	2.000	1.914	19928.89	0.0012	P	4.0
3	☐	50.000	52.037	532279.98	0.0322	P	0.5
4	☐	125.000	125.750	1312342.11	0.0777	P	4.4
5	☐	250.000	243.349	2630113.21	0.1504	A	4.3
6	☐	500.000	475.896	5187948.94	0.2941	A	3.1
7	☐	1000.000	1013.519	11371946.09	0.6263	A	2.2
8	☐			5898.64	0.0003	P	6.4

$$y = 6.1791\text{E-}004 * x + 7.0532\text{E-}006$$

$$R = 0.9995$$

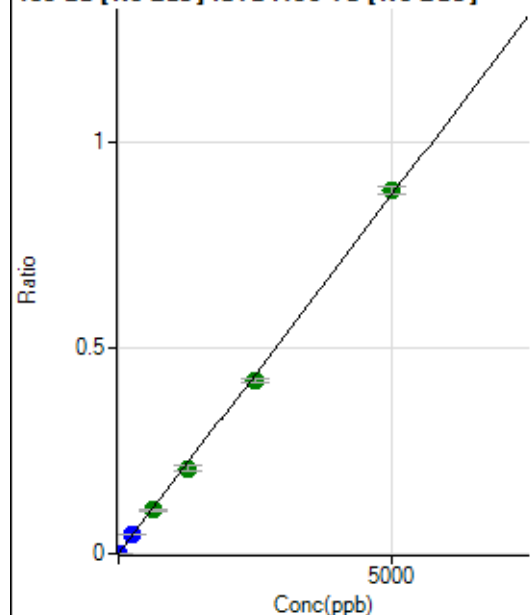
$$DL = 0.008596$$

$$BEC = 0.01141$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	20.5
2	☐	10.000	9.693	28310.77	0.0017	P	5.1
3	☐	250.000	257.189	741109.41	0.0448	P	0.7
4	☐	625.000	613.568	1803892.86	0.1068	A	4.8
5	☐	1250.000	1189.940	3622825.25	0.2072	A	5.7
6	☐	2500.000	2413.013	7412292.96	0.4201	A	2.0
7	☐	5000.000	5059.579	15995141.15	0.8809	A	2.2
8	☐			7332.77	0.0004	P	2.4

$$y = 1.7410\text{E-}004 * x + 2.7972\text{E-}006$$

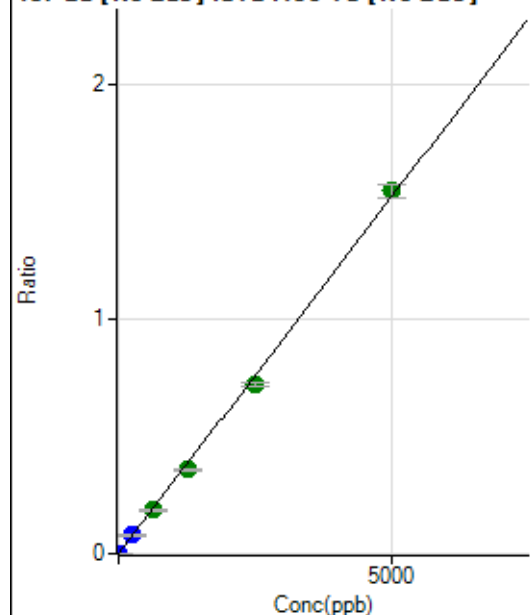
$$R = 0.9997$$

$$DL = 0.009878$$

$$BEC = 0.01607$$

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	75.00	0.0000	P	31.4
2	☐	10.000	9.682	49318.68	0.0029	P	3.5
3	☐	250.000	256.492	1288711.48	0.0779	P	1.5
4	☐	625.000	611.218	3134380.21	0.1856	A	3.4
5	☐	1250.000	1175.802	6245581.48	0.3570	A	2.3
6	☐	2500.000	2368.590	12686775.72	0.7191	A	3.0
7	☐	5000.000	5085.654	28029733.96	1.5439	A	3.4
8	☐			12773.05	0.0007	P	5.3

$$y = 3.0358E-004 * x + 4.4571E-006$$

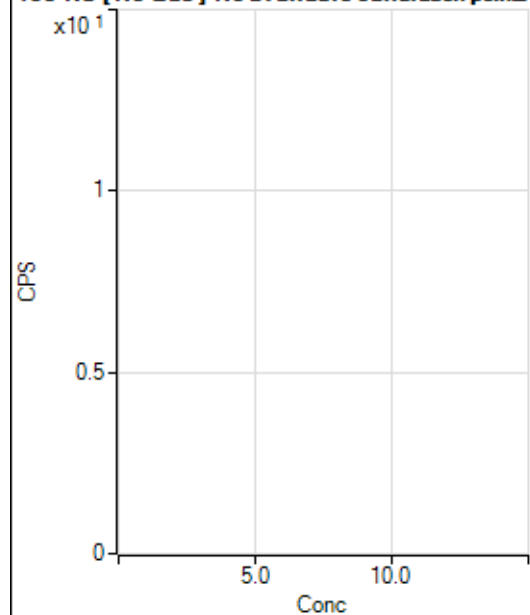
$$R = 0.9994$$

$$DL = 0.01382$$

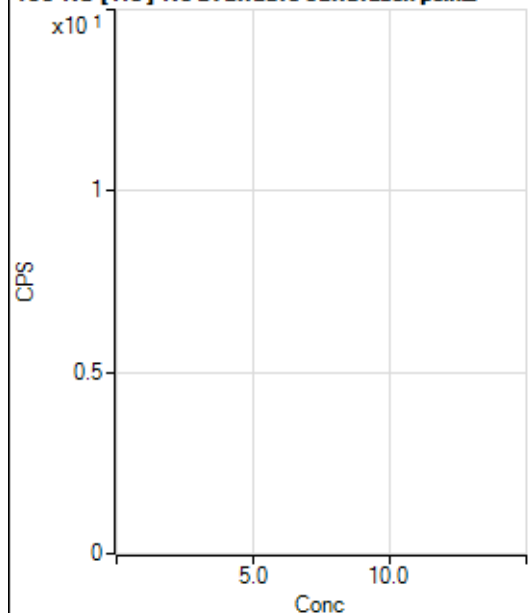
$$BEC = 0.01468$$

Weight: <None>

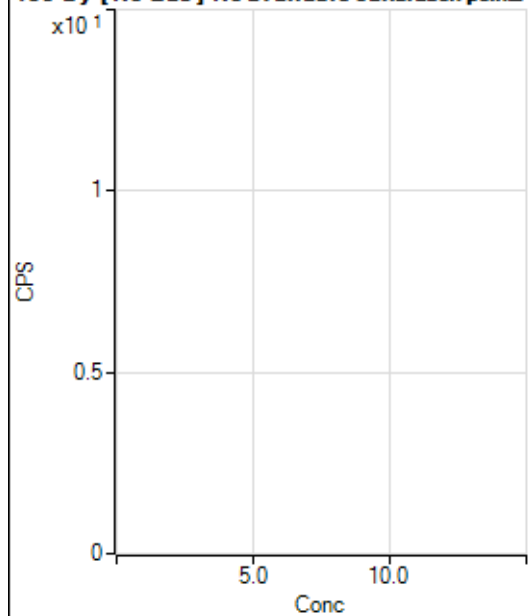
Min Conc: 0

150 Nd [No Gas] No available calibration points

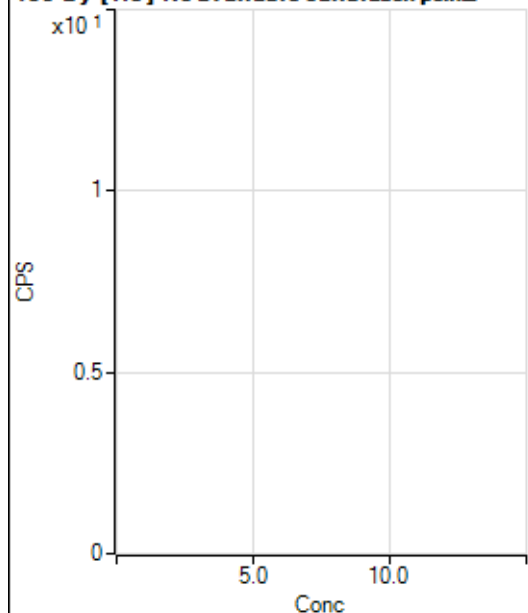
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			13.33		P	100.
3	☐			60.00		P	38.5
4	☐			157.78		P	6.5
5	☐			268.90		P	14.3
6	☐			568.92		P	4.1
7	☐			1313.43		P	1.0
8	☐			202.23		P	33.8

150 Nd [He] No available calibration points

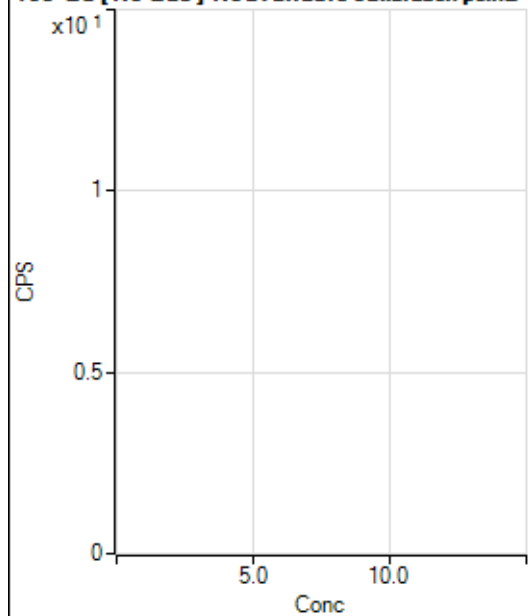
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	0.0
3	☐			5.55		P	69.3
4	☐			10.00		P	33.3
5	☐			18.89		P	40.7
6	☐			43.33		P	23.1
7	☐			81.11		P	36.8
8	☐			37.78		P	44.4

156 Dy [No Gas] No available calibration points

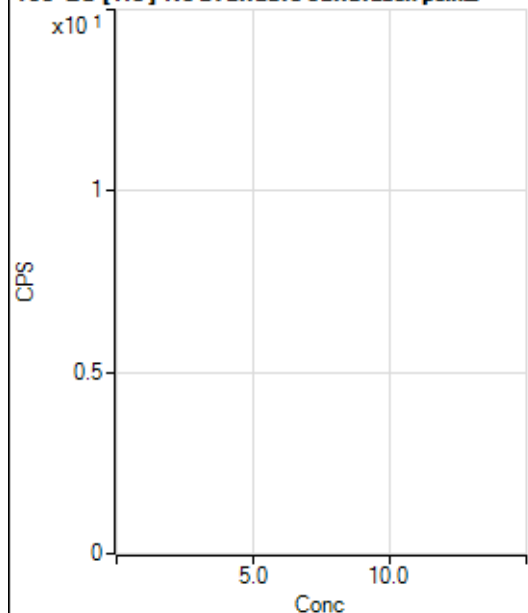
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.
2	☐			16.67		P	50.0
3	☐			69.45		P	18.3
4	☐			88.89		P	21.6
5	☐			222.23		P	17.7
6	☐			425.02		P	3.4
7	☐			861.17		P	8.2
8	☐			1639.04		P	6.2

156 Dy [He] No available calibration points

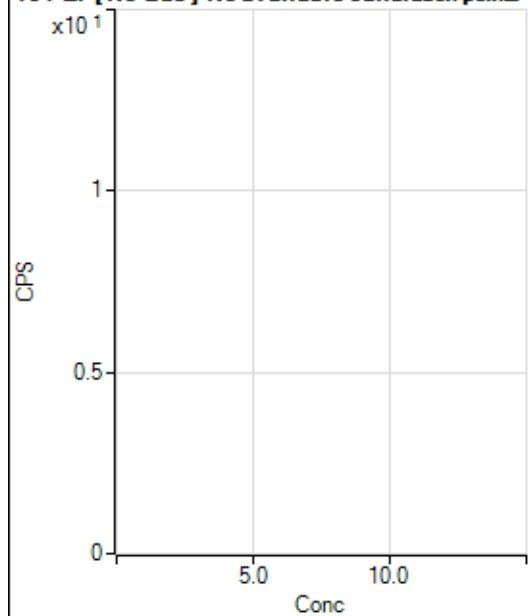
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			4.44		P	114.
3	☐			21.11		P	50.8
4	☐			37.78		P	28.4
5	☐			64.44		P	3.0
6	☐			117.78		P	4.3
7	☐			281.12		P	10.4
8	☐			413.34		P	8.2

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

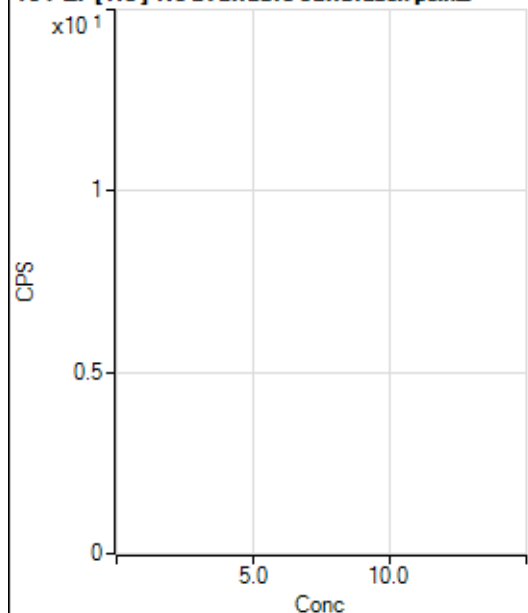
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	15.7
2	☐			94.45		P	31.0
3	☐			127.78		P	27.2
4	☐			141.67		P	15.6
5	☐			272.23		P	13.8
6	☐			330.57		P	20.2
7	☐			688.93		P	3.0
8	☐			997.29		P	9.6

160 Gd [He] No available calibration points

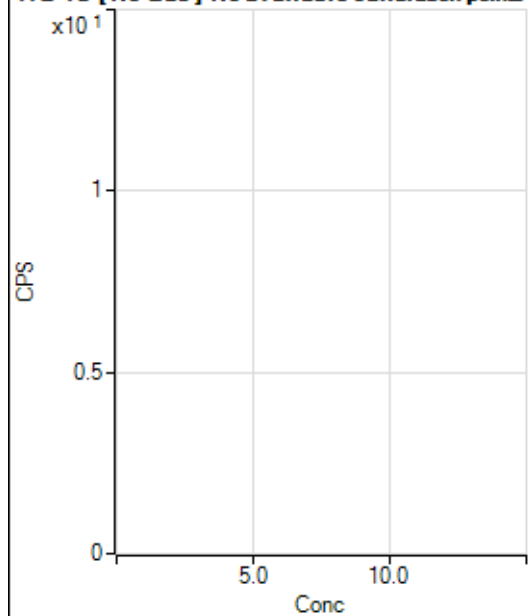
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			106.67		P	11.3
2	☐			110.00		P	24.1
3	☐			102.23		P	21.7
4	☐			140.00		P	32.0
5	☐			152.23		P	5.5
6	☐			180.00		P	9.3
7	☐			356.68		P	5.6
8	☐			444.46		P	10.2

164 Er [No Gas] No available calibration points

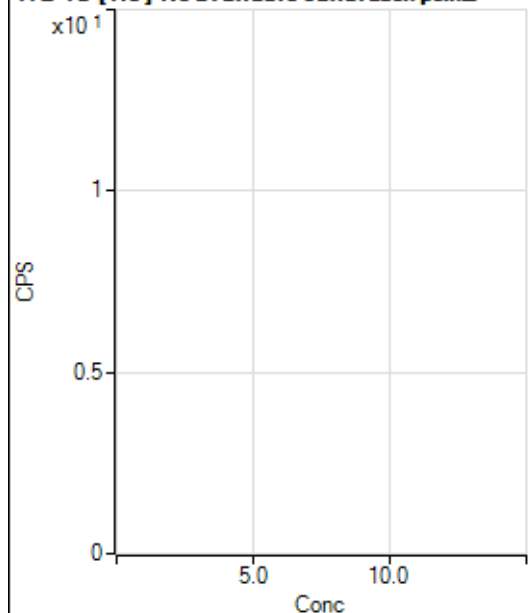
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			119.45		P	14.5
2	☐			80.56		P	43.1
3	☐			91.67		P	31.5
4	☐			150.00		P	14.7
5	☐			186.12		P	32.4
6	☐			216.67		P	20.4
7	☐			302.79		P	19.5
8	☐			169.45		P	20.5

164 Er [He] No available calibration points

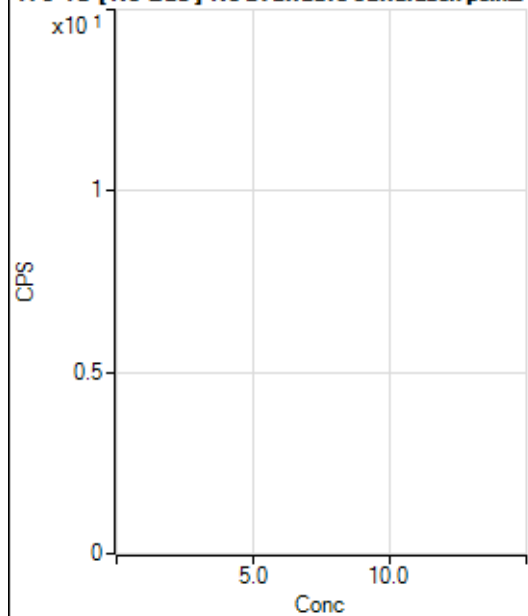
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	15.7
2	☐			46.67		P	0.0
3	☐			40.00		P	16.7
4	☐			42.22		P	48.2
5	☐			50.00		P	20.0
6	☐			65.55		P	24.0
7	☐			112.22		P	12.0
8	☐			70.00		P	16.5

172 Yb [No Gas] No available calibration points

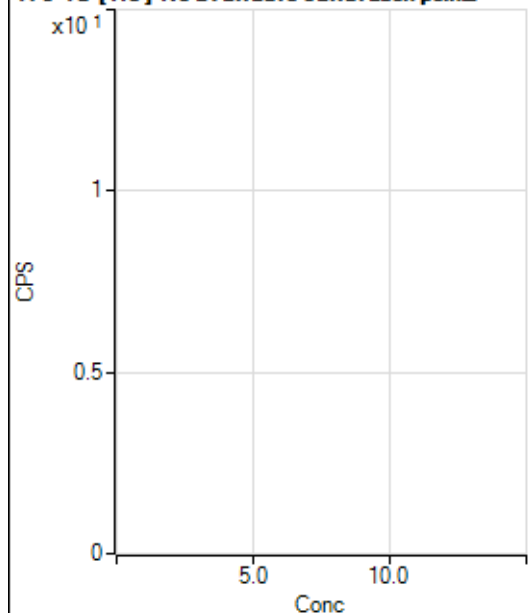
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	32.8
2	☐			52.78		P	24.1
3	☐			125.01		P	35.3
4	☐			97.22		P	21.6
5	☐			130.56		P	45.3
6	☐			172.23		P	17.0
7	☐			225.01		P	28.9
8	☐			288.90		P	15.9

172 Yb [He] No available calibration points

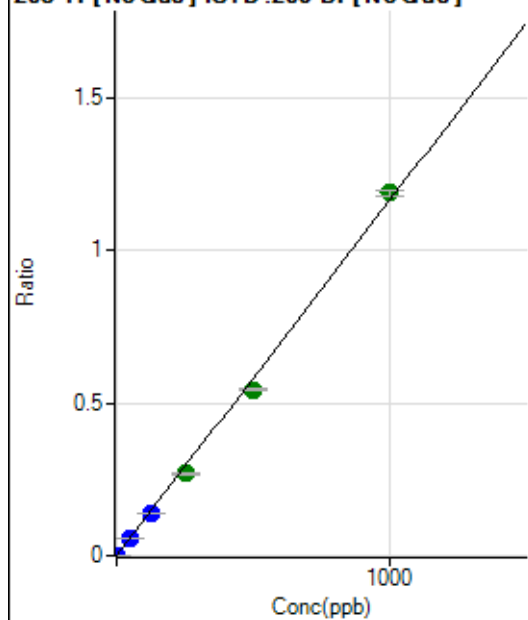
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.86		P	12.4
2	☐			27.78		P	40.0
3	☐			27.78		P	20.0
4	☐			33.33		P	16.7
5	☐			46.30		P	6.9
6	☐			72.22		P	30.8
7	☐			109.26		P	16.3
8	☐			107.41		P	21.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2428.07		P	9.9
2	☐			2225.27		P	10.4
3	☐			4350.84		P	5.7
4	☐			7457.88		P	7.2
5	☐			13562.91		P	2.4
6	☐			24746.00		P	3.2
7	☐			51892.03		P	3.4
8	☐			2461.42		P	3.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7046.46		P	4.7
2	☐			7298.43		P	3.6
3	☐			7783.91		P	4.4
4	☐			9242.28		P	4.8
5	☐			10943.62		P	3.2
6	☐			15933.95		P	0.1
7	☐			25840.47		P	3.2
8	☐			7224.33		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	577.81	0.0001	P	7.5
2	☐	1.000	0.908	10485.13	0.0011	P	2.8
3	☐	50.000	47.885	522056.30	0.0557	P	1.5
4	☐	125.000	117.877	1292266.80	0.1370	P	1.8
5	☐	250.000	230.417	2614524.39	0.2677	A	2.3
6	☐	500.000	468.305	5269691.52	0.5440	A	0.6
7	☐	1000.000	1021.739	11446638.02	1.1867	A	1.6
8	☐			3758.99	0.0005	P	7.7

$$y = 0.0012 * x + 6.1768E-005$$

$$R = 0.9991$$

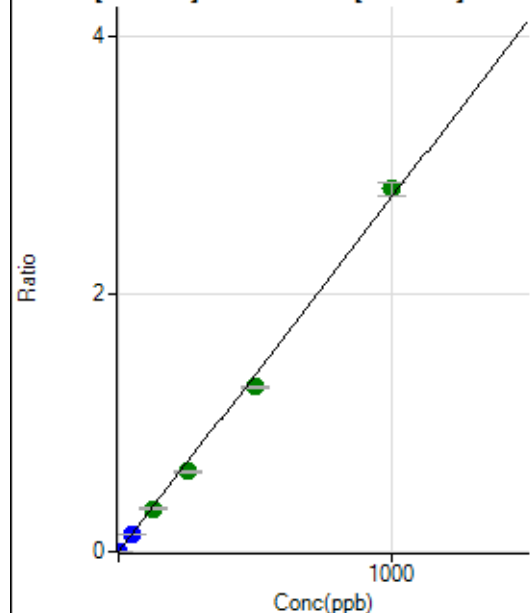
$$DL = 0.01194$$

$$BEC = 0.05318$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1391.78	0.0001	P	11.9
2	☐	1.000	0.901	24671.48	0.0026	P	1.3
3	☐	50.000	48.592	1253711.69	0.1338	P	3.4
4	☐	125.000	120.066	3115159.01	0.3303	A	3.5
5	☐	250.000	226.120	6073973.14	0.6219	A	2.4
6	☐	500.000	464.602	12373366.07	1.2775	A	2.0
7	☐	1000.000	1024.356	27156196.61	2.8166	A	3.4
8	☐			9070.11	0.0012	P	4.6

$$y = 0.0027 * x + 1.4925E-004$$

$$R = 0.9988$$

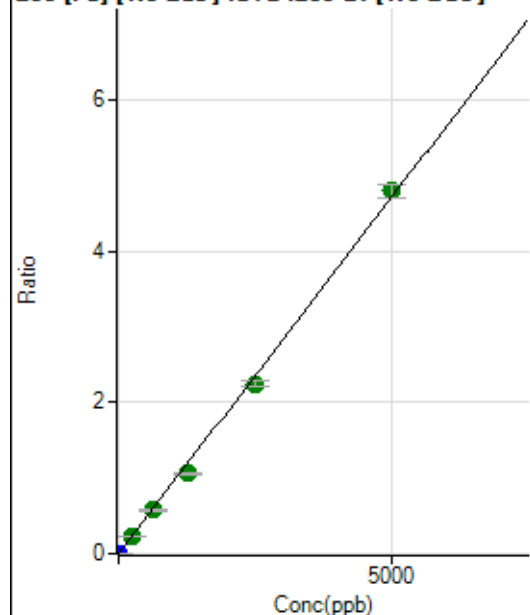
$$DL = 0.01939$$

$$BEC = 0.05428$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	883.38	0.0001	P	9.3
2	☐	1.000	0.908	8918.06	0.0009	P	1.9
3	☐	250.000	240.653	2126031.05	0.2268	A	3.7
4	☐	625.000	612.622	5444602.21	0.5772	A	4.2
5	☐	1250.000	1126.702	10370599.08	1.0615	A	3.0
6	☐	2500.000	2381.518	21727313.22	2.2436	A	3.2
7	☐	5000.000	5092.080	46251389.00	4.7971	A	3.6
8	☐			9066.32	0.0012	P	2.0

$$y = 9.4206E-004 * x + 9.4689E-005$$

$$R = 0.9992$$

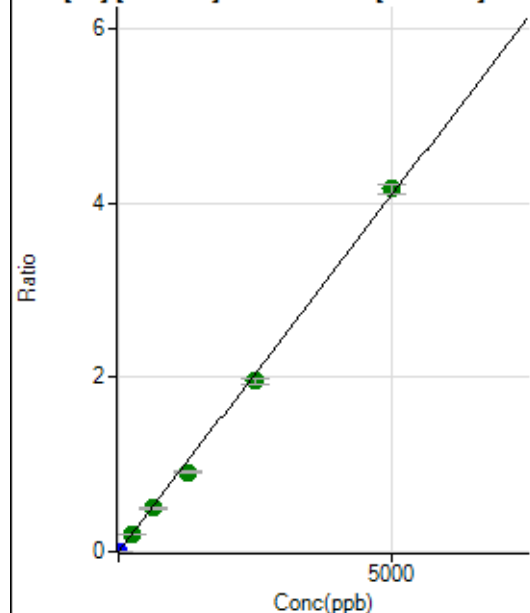
$$DL = 0.02818$$

$$BEC = 0.1005$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	872.27	0.0001	P	10.2
2	☐	1.000	0.884	7678.38	0.0008	P	2.8
3	☐	250.000	239.322	1839133.35	0.1961	A	0.8
4	☐	625.000	606.929	4690258.27	0.4972	A	4.4
5	☐	1250.000	1115.532	8926808.30	0.9138	A	1.9
6	☐	2500.000	2393.450	18985434.22	1.9604	A	3.5
7	☐	5000.000	5089.685	40196399.51	4.1687	A	2.5
8	☐			7824.75	0.0010	P	2.0

$$y = 8.1904\text{E-}004 * x + 9.3540\text{E-}005$$

$$R = 0.9993$$

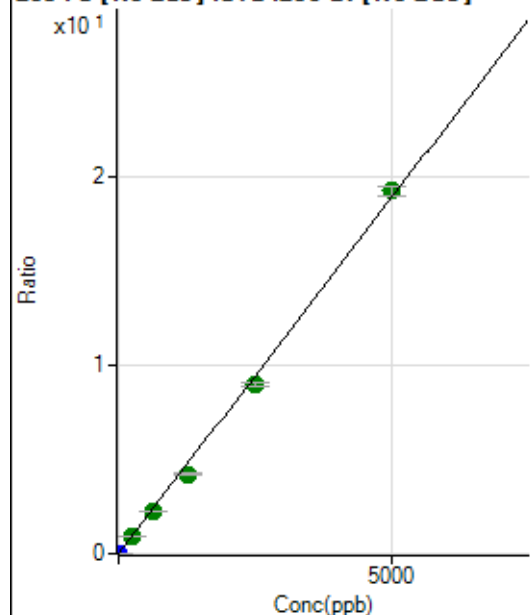
$$DL = 0.03505$$

$$BEC = 0.1142$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3757.69	0.0004	P	3.3
2	☐	1.000	0.899	35712.72	0.0038	P	1.9
3	☐	250.000	237.955	8447374.34	0.9008	A	1.4
4	☐	625.000	595.730	21268997.99	2.2546	A	3.1
5	☐	1250.000	1113.999	41183428.24	4.2156	A	1.9
6	☐	2500.000	2382.277	87311439.68	9.0146	A	2.3
7	☐	5000.000	5097.123	185964990.7	19.2871	A	2.9
8	☐			35849.70	0.0046	P	2.5

$$y = 0.0038 * x + 4.0239\text{E-}004$$

$$R = 0.9992$$

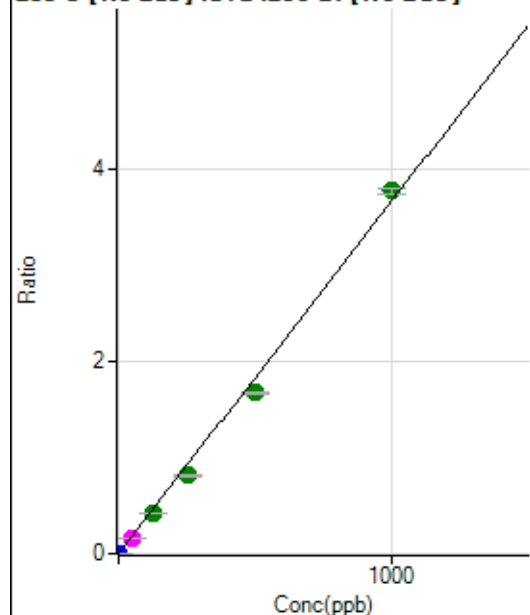
$$DL = 0.01053$$

$$BEC = 0.1063$$

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	47.23	0.0000	P	57.3
2	☐	1.000	0.847	29240.08	0.0031	P	3.3
3	☐	50.000	45.451	1564111.97	0.1669	M	3.4
4	☐	125.000	114.420	3963800.09	0.4201	A	0.8
5	☐	250.000	221.837	7955642.19	0.8144	A	1.0
6	☐	500.000	457.421	16266481.96	1.6793	A	1.5
7	☐	1000.000	1029.880	36464157.06	3.7809	A	1.6
8	☐			3267.19	0.0004	P	11.9

$$y = 0.0037 * x + 5.0601E-006$$

$$R = 0.9983$$

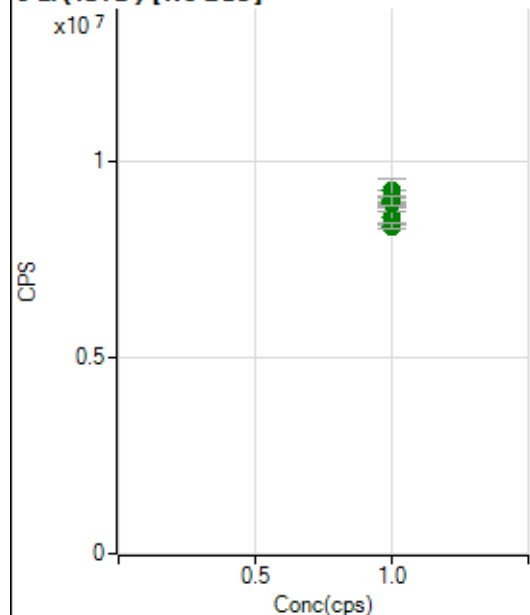
$$DL = 0.002369$$

$$BEC = 0.001378$$

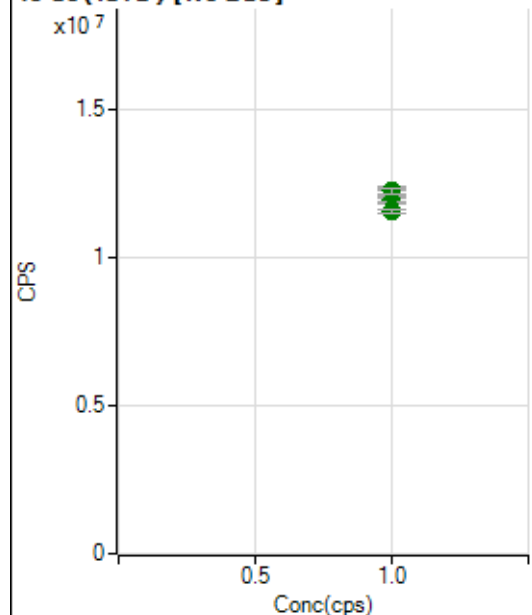
Weight: <None>

Min Conc: 0

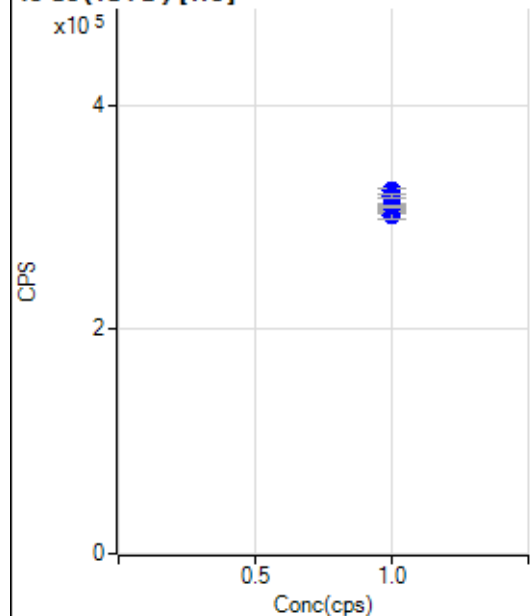
6 Li (ISTD) [No Gas]



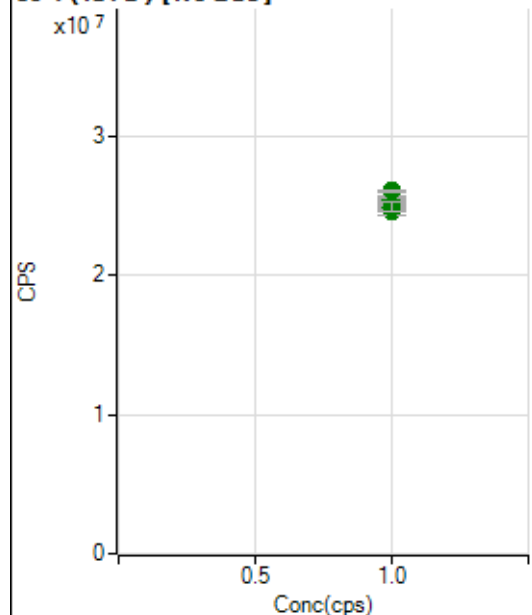
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9086304.33		A	3.4
2	☐	1.000		8558841.30		A	4.2
3	☐	1.000		9019179.07		A	1.3
4	☐	1.000		8966980.70		A	3.2
5	☐	1.000		9237210.47		A	6.4
6	☐	1.000		8913446.46		A	2.8
7	☐	1.000		8979198.14		A	2.8
8	☐	1.000		8333770.69		A	1.5

45 Sc (ISTD) [No Gas]

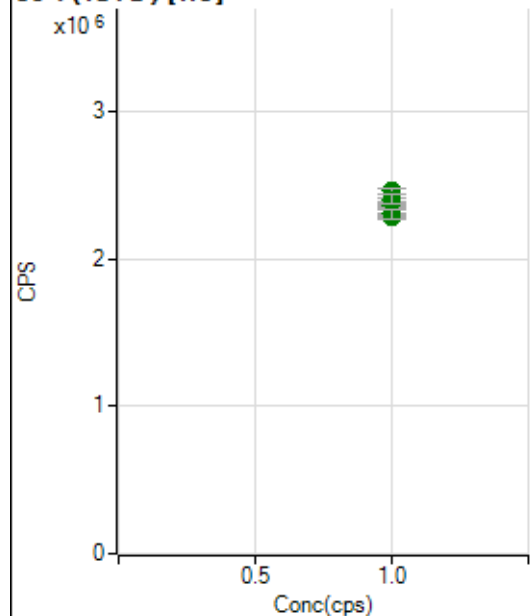
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11958074.13		A	0.7
2	☐	1.000		11985577.46		A	2.4
3	☐	1.000		11991378.57		A	1.4
4	☐	1.000		12166386.63		A	2.0
5	☐	1.000		12256788.98		A	2.1
6	☐	1.000		12119964.68		A	0.3
7	☐	1.000		12254697.87		A	1.7
8	☐	1.000		11562201.63		A	0.9

45 Sc (ISTD) [He]

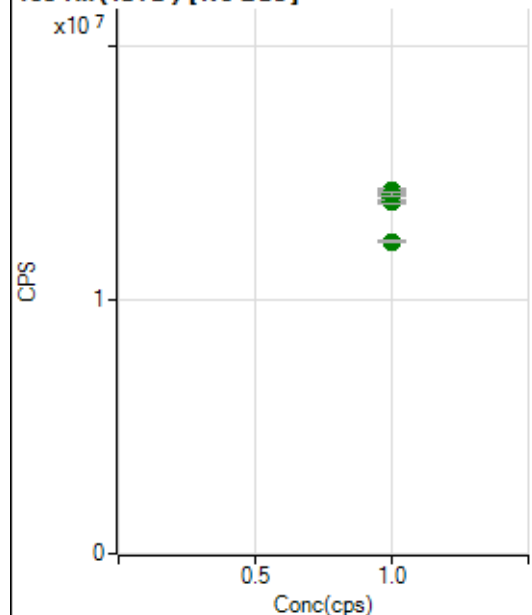
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		304912.26		P	0.8
2	☐	1.000		310540.45		P	1.3
3	☐	1.000		306011.35		P	1.6
4	☐	1.000		307730.23		P	0.6
5	☐	1.000		302281.76		P	2.3
6	☐	1.000		309542.10		P	0.3
7	☐	1.000		323214.52		P	1.9
8	☐	1.000		318208.56		P	0.9

89 Y (ISTD) [No Gas]

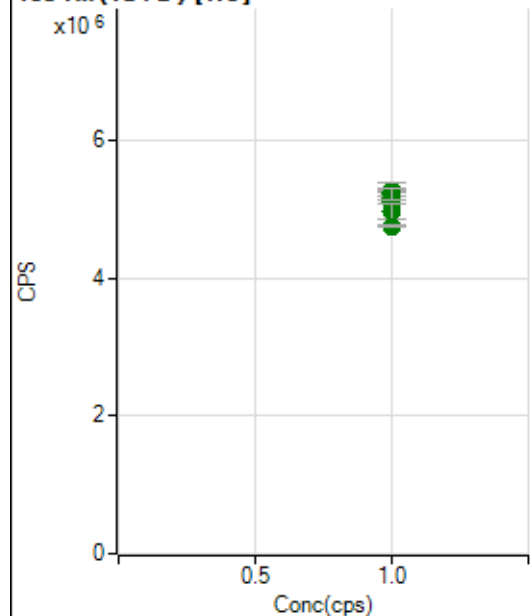
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24624038.80		A	2.6
2	☐	1.000		25024343.24		A	1.3
3	☐	1.000		25455945.73		A	1.0
4	☐	1.000		24836151.30		A	0.9
5	☐	1.000		25402921.29		A	1.5
6	☐	1.000		25580230.18		A	0.9
7	☐	1.000		26032906.56		A	0.5
8	☐	1.000		24863897.13		A	2.8

89 Y (ISTD) [He]

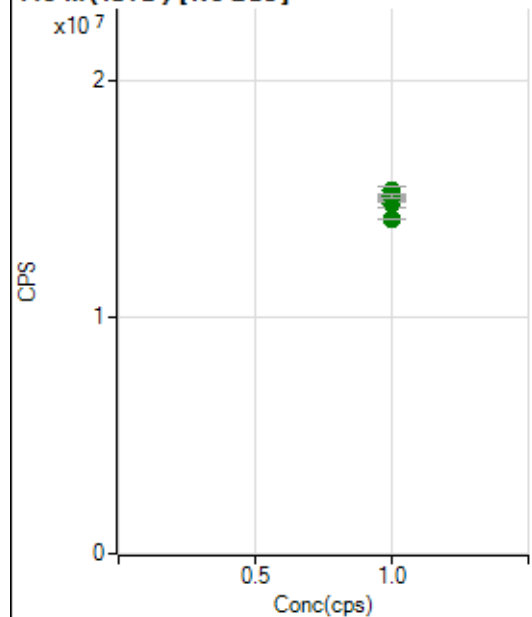
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2283714.64		A	0.8
2	☐	1.000		2337277.10		A	2.2
3	☐	1.000		2326673.37		A	2.2
4	☐	1.000		2355959.53		A	1.1
5	☐	1.000		2301132.33		A	3.1
6	☐	1.000		2402824.93		A	1.0
7	☐	1.000		2459189.53		A	1.6
8	☐	1.000		2403140.22		A	2.4

103 Rh (ISTD) [No Gas]

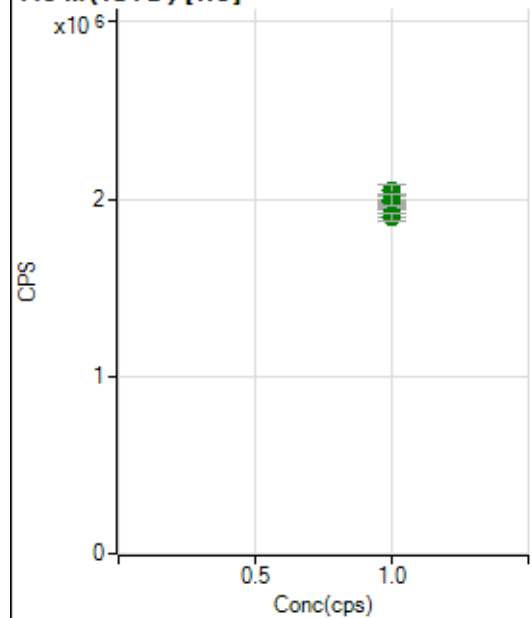
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14044296.84		A	0.9
2	☐	1.000		14027900.14		A	2.5
3	☐	1.000		14307034.87		A	0.5
4	☐	1.000		14027050.31		A	1.0
5	☐	1.000		14254814.73		A	2.5
6	☐	1.000		13889964.37		A	0.7
7	☐	1.000		14158909.87		A	0.9
8	☐	1.000		12303557.74		A	0.7

103 Rh (ISTD) [He]

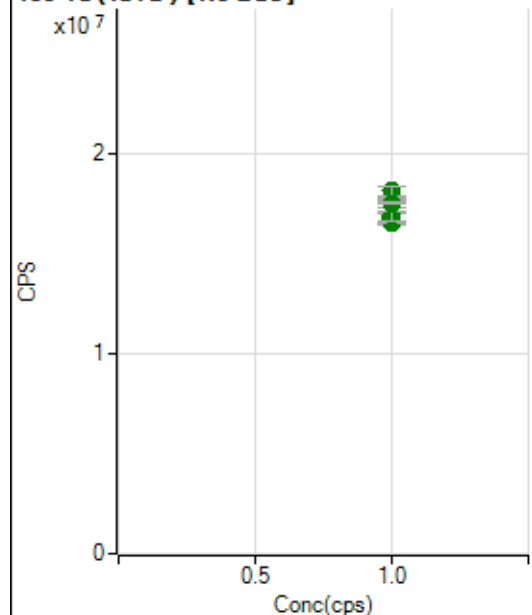
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5111128.19		A	1.5
2	☐	1.000		5270170.41		A	4.6
3	☐	1.000		5160947.08		A	1.4
4	☐	1.000		5217417.01		A	1.3
5	☐	1.000		4972214.33		A	4.5
6	☐	1.000		5241629.23		A	1.5
7	☐	1.000		5226903.57		A	2.9
8	☐	1.000		4750593.85		A	0.6

115 In (ISTD) [No Gas]

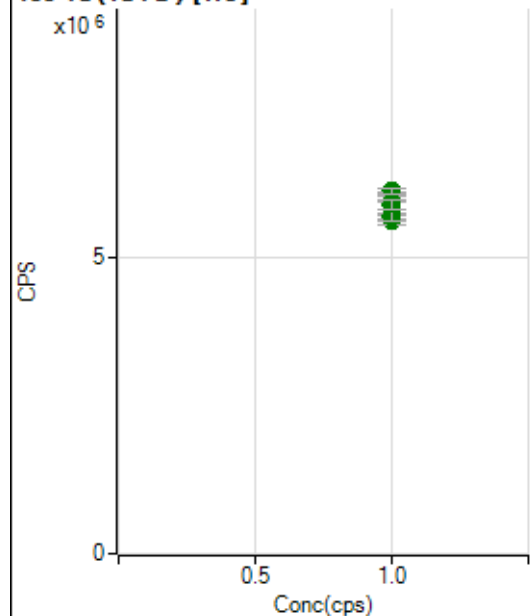
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14813339.70		A	2.7
2	☐	1.000		14968777.22		A	1.3
3	☐	1.000		15030920.37		A	1.6
4	☐	1.000		14963595.93		A	1.9
5	☐	1.000		15322202.00		A	2.4
6	☐	1.000		14901965.83		A	0.4
7	☐	1.000		15102833.31		A	1.3
8	☐	1.000		14124581.78		A	0.1

115 In (ISTD) [He]

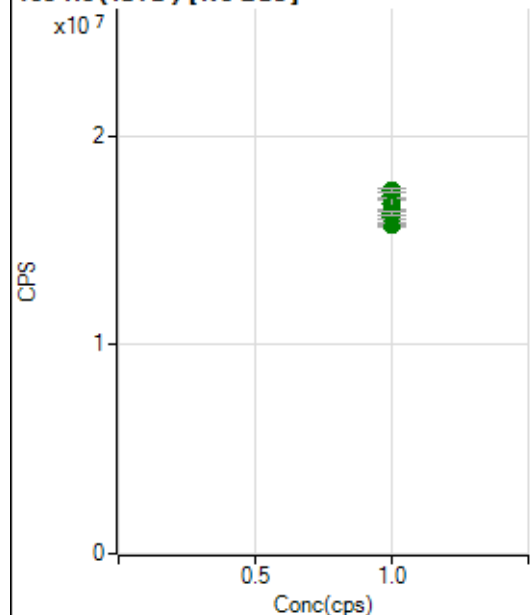
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1941764.74		A	1.7
2	☐	1.000		2046886.98		A	3.3
3	☐	1.000		1987008.52		A	0.1
4	☐	1.000		1983802.98		A	0.8
5	☐	1.000		1922205.73		A	2.2
6	☐	1.000		1958679.11		A	0.9
7	☐	1.000		1993898.14		A	3.1
8	☐	1.000		1898899.75		A	2.4

159 Tb (ISTD) [No Gas]

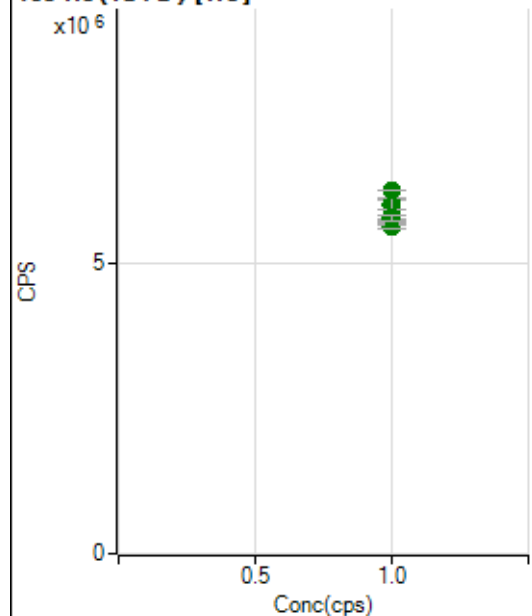
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16888736.42		A	2.2
2	☐	1.000		16767478.78		A	3.7
3	☐	1.000		16550100.59		A	0.5
4	☐	1.000		16903073.22		A	3.1
5	☐	1.000		17502641.41		A	2.4
6	☐	1.000		17646456.41		A	1.4
7	☐	1.000		18164307.23		A	2.4
8	☐	1.000		17551496.55		A	0.9

159 Tb (ISTD) [He]

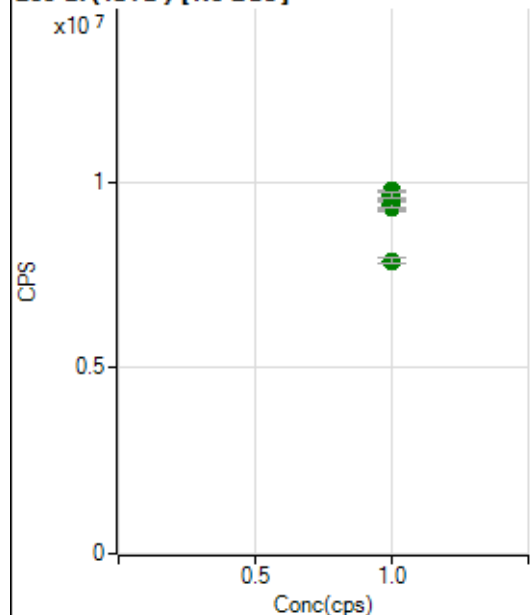
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5613531.69		A	1.5
2	☐	1.000		5693819.22		A	0.9
3	☐	1.000		5751983.46		A	0.3
4	☐	1.000		5881268.53		A	2.2
5	☐	1.000		5717779.64		A	3.4
6	☐	1.000		6069660.60		A	1.1
7	☐	1.000		6134205.81		A	1.6
8	☐	1.000		5908726.51		A	2.6

165 Ho (ISTD) [No Gas]

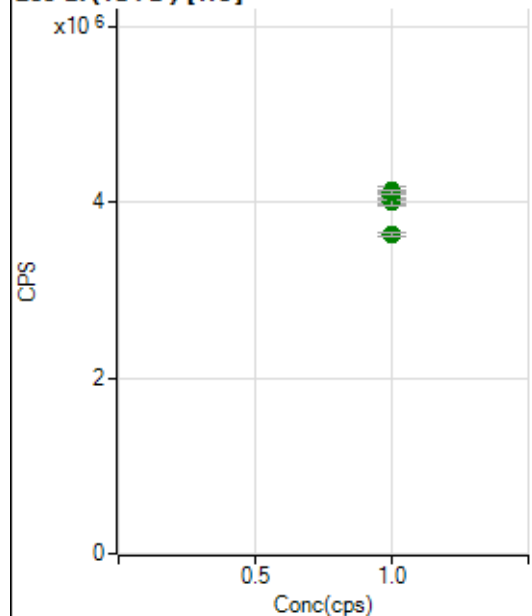
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15768671.01		A	0.4
2	☐	1.000		15829536.64		A	2.5
3	☐	1.000		15796393.58		A	0.2
4	☐	1.000		16117584.91		A	1.2
5	☐	1.000		17131352.47		A	2.0
6	☐	1.000		16750278.50		A	3.0
7	☐	1.000		17352885.80		A	1.2
8	☐	1.000		16270366.51		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5608725.47		A	1.2
2	☐	1.000		5780659.08		A	1.0
3	☐	1.000		5758733.32		A	2.1
4	☐	1.000		5997035.61		A	2.7
5	☐	1.000		5822041.65		A	3.8
6	☐	1.000		6013875.39		A	3.4
7	☐	1.000		6241654.98		A	0.2
8	☐	1.000		5781508.73		A	1.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9341887.43		A	2.7
2	☐	1.000		9391660.97		A	2.0
3	☐	1.000		9378539.93		A	2.4
4	☐	1.000		9437095.69		A	2.3
5	☐	1.000		9768474.37		A	0.7
6	☐	1.000		9688107.01		A	2.2
7	☐	1.000		9645460.69		A	1.9
8	☐	1.000		7880784.33		A	2.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4000899.18		A	1.2
2	☐	1.000		4012062.37		A	1.7
3	☐	1.000		4074961.43		A	2.3
4	☐	1.000		4080513.45		A	1.2
5	☐	1.000		3997508.83		A	2.0
6	☐	1.000		4129233.45		A	2.0
7	☐	1.000		4115428.90		A	1.3
8	☐	1.000		3637184.63		A	1.5

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8041022-MS.b

Acq. Date-Time 2022-04-10 12:04:05

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		25030	250297.03			1.812	5.000
24		162457	1624574.87			1.720	5.000
25		21812	218115.23			1.396	5.000
26		25294	252942.16			2.438	5.000
59		37092	370918.30			2.608	5.000
113		17267	172672.99			2.140	5.000
115		52477	524772.99			4.541	5.000
206		19920	199200.48			2.157	5.000
207		16585	165850.38			2.559	5.000
208		41955	419554.81			2.230	5.000
220		1	6.20			13.494	

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

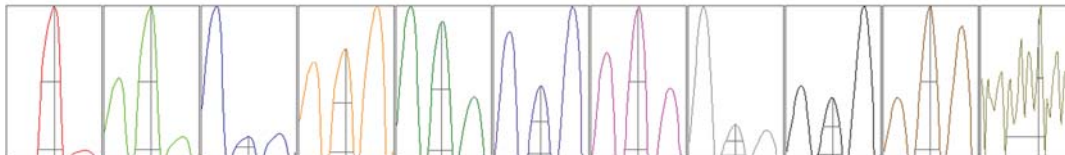
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	25247	25204	24220	25275	25202
24	162134	163175	157846	165035	164097
25	21932	21820	21302	22111	21892
26	25591	25577	24208	25696	25399
59	37568	37527	35363	37459	37542
113	17398	17555	16620	17408	17356
115	55271	54625	49650	51611	51230
206	19996	20221	19172	20023	20189
207	16511	16742	15882	16850	16940
208	42217	42527	40299	42473	42262

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	44496.57	9.05	8.90 - 9.10	
24	294651.30	24.00	23.90 - 24.10	
25	39520.48	25.00	24.90 - 25.10	
26	44854.16	26.00	25.90 - 26.10	
59	68739.35	58.95	58.90 - 59.10	
113	34491.07	113.00	112.90 - 113.10	
115	105473.62	115.00	114.90 - 115.10	
206	39280.29	206.00	205.90 - 206.10	
207	32393.46	207.00	206.90 - 207.10	
208	82348.71	208.00	207.90 - 208.10	
220	1.05	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.780	0.900	
24	0.58	0.781	0.900	
25	0.59	0.770	0.900	
26	0.60	0.745	0.900	
59	0.57	0.772	0.900	
113	0.52	0.694	0.900	
115	0.52	0.723	0.900	
206	0.51	0.765	0.900	
207	0.52	0.771	0.900	
208	0.52	0.776	0.900	
220	0.20	1.202		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	15.4 V
Extract 2	-145.0 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	170 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	-0.1 mm

EM

Discriminator	4.0 mV	Analog HV	2292 V	Pulse HV	1648 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		6392	63917.62			0.332	
89		22835	228348.20			0.560	
205		38179	381785.93			1.297	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	6400	6369	6398	6420	6372
89	22930	22788	23003	22761	22692
205	37950	37827	38663	37694	38758

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	4.2 V

US EPA Tune Check Report

Extract 2	-145.0 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	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.03		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	-0.1 mm

EM

Discriminator	4.0 mV	Analog HV	2292 V	Pulse HV	1648 V

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:40:15	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	-0.17	-0.08	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.02	-0.05	0.03	0.00	N/A	ppb
Boron	11-1	-0.02	0.05	-0.04	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.79	-0.81	0.02	0.00	N/A	ppb
Cadmium	108-1	-0.11	-0.01	0.12	0.00	N/A	ppb
Calcium	43-1	-0.02	0.30	-0.29	0.00	N/A	ppb
Calcium	44-1	0.27	-0.12	-0.15	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.31	0.21	0.09	0.00	N/A	ppb
Iron	56-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Iron	57-2	0.61	0.22	-0.83	0.00	N/A	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:40:15	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.58	-0.40	-0.18	0.00	N/A	ppb
Manganese	55-2	0.02	-0.03	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-5.81	-13.45	-2.15	-7.14		ppb
Potassium	39-2	-0.36	-0.78	1.14	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.44	-0.16	0.61	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	-0.42	0.07	0.00	N/A	ppb
Silicon	28-1	-0.09	-0.04	0.12	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.96	0.22	0.74	0.00	N/A	ppb
Strontium	86-1	-0.12	-0.06	0.18	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	82.42	-75.20	1.34	2.85	2762.25	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:40:15	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.03	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
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	-0.02	0.03	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:46:24	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.75	16.82	16.28	16.62	1.76	ppb
Antimony	121-1	1.99	1.84	1.91	1.91	3.98	ppb
Arsenic	75-2	1.00	0.98	0.95	0.98	2.61	ppb
Barium	135-1	10.23	9.27	9.58	9.69	5.09	ppb
Barium	137-1	10.04	9.36	9.65	9.68	3.51	ppb
Beryllium	9-1	1.05	0.94	1.02	1.00	5.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	13.46	13.52	13.90	13.63	1.78	ppb
Boron	11-1	14.32	13.94	14.74	14.33	2.78	ppb
Bromine	81-1						cps
Cadmium	111-1	1.02	0.96	1.03	1.00	3.87	ppb
Cadmium	106-1	1.74	-0.49	-0.91	0.11	1282.69	ppb
Cadmium	108-1	0.94	1.12	0.99	1.02	8.95	ppb
Calcium	43-1	448.15	438.62	449.93	445.57	1.36	ppb
Calcium	44-1	454.25	439.70	454.36	449.43	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.82	1.72	1.75	3.63	ppb
Cobalt	59-2	0.92	0.94	0.90	0.92	2.35	ppb
Copper	63-2	1.91	2.00	1.94	1.95	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	54-2	45.40	50.70	50.60	48.90	6.20	ppb
Iron	56-2	49.50	49.26	49.17	49.31	0.34	ppb
Iron	57-2	48.06	47.36	44.52	46.65	4.02	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:46:24	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.90	0.93	0.91	2.12	ppb
Lead	207-1	0.91	0.89	0.85	0.88	3.20	ppb
Lead	208-1	0.90	0.88	0.92	0.90	2.09	ppb
Lithium	6-1				94		%
Magnesium	24-2	489.99	497.38	484.43	490.60	1.32	ppb
Manganese	55-2	0.90	0.89	0.95	0.91	3.15	ppb
Molybdenum	94-1	5.56	5.47	5.75	5.59	2.62	ppb
Molybdenum	95-1	4.74	4.80	4.79	4.78	0.65	ppb
Molybdenum	96-1	4.74	4.75	4.97	4.82	2.65	ppb
Molybdenum	97-1	4.68	4.80	4.80	4.76	1.44	ppb
Molybdenum	98-1	4.88	4.80	4.65	4.77	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.89	0.96	0.93	3.71	ppb
Phosphorus	31-2	-0.44	23.34	-1.49	7.14	196.77	ppb
Potassium	39-2	448.81	457.51	445.50	450.61	1.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	5.33	5.83	7.01	6.05	14.29	ppb
Selenium	77-2	7.74	6.29	4.39	6.14	27.31	ppb
Selenium	78-2	5.57	5.50	5.11	5.40	4.57	ppb
Silicon	28-1	0.70	0.72	1.36	0.93	40.19	ppb
Silver	107-1	1.05	0.99	1.07	1.04	3.73	ppb
Silver	109-1	1.03	0.94	1.03	1.00	5.08	ppb
Sodium	23-2	464.77	461.90	447.41	458.03	2.03	ppb
Strontium	86-1	0.64	0.71	0.90	0.75	18.21	ppb
Strontium	88-1	0.96	0.91	0.95	0.94	2.73	ppb
Sulfur	34-1	39.04	-159.48	111.87	-2.85		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.92	0.88	0.93	0.91	2.92	ppb
Thallium	205-1	0.89	0.91	0.91	0.90	1.36	ppb
Tin	118-1	5.26	4.76	4.93	4.98	5.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:46:24	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.76	4.52	4.88	4.72	3.84	ppb
Uranium	238-1	0.83	0.83	0.88	0.85	3.33	ppb
Vanadium	51-2	4.56	4.60	4.57	4.58	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2.09	2.26	2.16	2.17	3.81	ppb
Zirconium	90-1	0.90	0.88	0.92	0.90	2.43	ppb
Zirconium	91-1	0.93	0.89	0.85	0.89	4.53	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:49:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	970.72	995.35	974.59	980.22	1.35	ppb
Antimony	121-1	51.76	52.12	52.23	52.04	0.48	ppb
Arsenic	75-2	47.63	49.57	49.97	49.06	2.55	ppb
Barium	135-1	258.38	255.12	258.08	257.19	0.70	ppb
Barium	137-1	260.14	252.35	256.99	256.49	1.53	ppb
Beryllium	9-1	48.57	46.02	46.98	47.19	2.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	46.24	47.83	49.27	47.78	3.17	ppb
Boron	11-1	46.47	47.24	50.24	47.98	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	51.93	52.92	52.77	52.54	1.02	ppb
Cadmium	106-1	51.49	50.54	53.30	51.78	2.71	ppb
Cadmium	108-1	51.62	54.63	52.91	53.05	2.85	ppb
Calcium	43-1	4693.78	4600.43	4770.96	4688.39	1.82	ppb
Calcium	44-1	4688.46	4685.55	4712.42	4695.48	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.60	48.09	46.27	46.66	2.76	ppb
Cobalt	59-2	48.03	48.31	48.91	48.41	0.93	ppb
Copper	63-2	490.11	511.94	507.41	503.15	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				100		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2571.47	2617.63	2599.26	2596.12	0.90	ppb
Iron	56-2	2563.40	2629.40	2649.92	2614.24	1.73	ppb
Iron	57-2	2549.49	2623.59	2576.22	2583.10	1.45	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:49:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	245.79	245.81	230.36	240.65	3.70	ppb
Lead	207-1	241.48	238.79	237.70	239.32	0.81	ppb
Lead	208-1	241.59	237.44	234.83	237.95	1.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	5075.04	5218.81	5235.88	5176.58	1.71	ppb
Manganese	55-2	465.40	486.70	480.29	477.46	2.29	ppb
Molybdenum	94-1	480.99	467.84	469.84	472.89	1.50	ppb
Molybdenum	95-1	469.01	470.17	468.54	469.24	0.18	ppb
Molybdenum	96-1	461.87	462.22	470.06	464.71	1.00	ppb
Molybdenum	97-1	474.13	465.38	476.39	471.97	1.23	ppb
Molybdenum	98-1	471.97	457.77	475.91	468.55	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.16	49.20	48.18	48.51	1.22	ppb
Phosphorus	31-2	881.87	1007.45	1036.44	975.25	8.42	ppb
Potassium	39-2	2416.05	2425.94	2424.15	2422.05	0.22	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	48.83	48.66	48.29	48.59	0.56	ppb
Selenium	77-2	54.66	57.74	48.25	53.55	9.04	ppb
Selenium	78-2	49.57	50.09	49.92	49.86	0.54	ppb
Silicon	28-1	49.83	51.44	52.32	51.20	2.47	ppb
Silver	107-1	54.33	54.47	54.69	54.50	0.33	ppb
Silver	109-1	53.84	53.37	53.28	53.50	0.56	ppb
Sodium	23-2	4709.51	4981.78	4816.14	4835.81	2.84	ppb
Strontium	86-1	47.94	47.87	48.66	48.16	0.91	ppb
Strontium	88-1	49.23	47.22	48.67	48.38	2.14	ppb
Sulfur	34-1	1205.17	1131.93	1290.37	1209.16	6.56	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	47.35	48.69	47.62	47.88	1.48	ppb
Thallium	205-1	48.50	50.29	46.99	48.59	3.40	ppb
Tin	118-1	53.13	52.32	53.28	52.91	0.98	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:49:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	484.83	478.22	483.77	482.28	0.74	ppb
Uranium	238-1	45.21	47.08	44.06	45.45	3.35	ppb
Vanadium	51-2	46.02	47.92	46.23	46.73	2.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	493.60	510.23	507.19	503.67	1.76	ppb
Zirconium	90-1	47.41	48.65	48.90	48.32	1.65	ppb
Zirconium	91-1	47.66	47.83	47.51	47.66	0.34	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:52:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2445.59	2495.84	2449.02	2463.48	1.14	ppb
Antimony	121-1	131.78	121.06	124.41	125.75	4.36	ppb
Arsenic	75-2	118.87	121.34	119.21	119.80	1.12	ppb
Barium	135-1	645.57	587.28	607.85	613.57	4.82	ppb
Barium	137-1	635.28	598.14	600.24	611.22	3.41	ppb
Beryllium	9-1	118.18	114.84	123.69	118.91	3.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	113.42	118.30	126.76	119.50	5.65	ppb
Boron	11-1	116.97	116.78	128.90	120.88	5.74	ppb
Bromine	81-1						cps
Cadmium	111-1	133.54	126.53	126.64	128.90	3.12	ppb
Cadmium	106-1	132.97	123.22	125.89	127.36	3.95	ppb
Cadmium	108-1	130.56	121.21	126.11	125.96	3.71	ppb
Calcium	43-1	11358.60	11541.94	11927.81	11609.45	2.50	ppb
Calcium	44-1	11556.17	11658.62	11680.98	11631.92	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.26	118.53	117.60	117.47	0.97	ppb
Cobalt	59-2	119.77	123.14	120.40	121.10	1.48	ppb
Copper	63-2	1273.30	1256.12	1268.67	1266.03	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	6518.10	6479.48	6512.17	6503.25	0.32	ppb
Iron	56-2	6489.66	6599.70	6446.94	6512.10	1.21	ppb
Iron	57-2	6516.31	6435.12	6367.04	6439.49	1.16	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:52:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	626.63	582.79	628.44	612.62	4.22	ppb
Lead	207-1	613.14	577.41	630.23	606.93	4.44	ppb
Lead	208-1	604.88	574.46	607.86	595.73	3.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	12918.44	13051.41	12814.45	12928.10	0.92	ppb
Manganese	55-2	1214.01	1223.40	1235.00	1224.13	0.86	ppb
Molybdenum	94-1	1197.82	1179.84	1183.53	1187.06	0.80	ppb
Molybdenum	95-1	1205.33	1199.69	1214.42	1206.48	0.62	ppb
Molybdenum	96-1	1182.64	1179.86	1210.36	1190.95	1.42	ppb
Molybdenum	97-1	1217.11	1153.61	1212.91	1194.55	2.97	ppb
Molybdenum	98-1	1212.32	1192.51	1210.92	1205.25	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	118.57	119.82	118.49	118.96	0.63	ppb
Phosphorus	31-2	2238.79	2345.24	2383.03	2322.36	3.22	ppb
Potassium	39-2	6312.93	6455.82	6254.27	6341.00	1.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	122.65	121.97	125.20	123.27	1.38	ppb
Selenium	77-2	134.21	140.77	127.52	134.16	4.94	ppb
Selenium	78-2	120.35	124.79	124.03	123.06	1.93	ppb
Silicon	28-1	123.88	124.95	136.76	128.53	5.56	ppb
Silver	107-1	130.83	127.13	129.47	129.14	1.45	ppb
Silver	109-1	133.07	126.15	130.76	129.99	2.71	ppb
Sodium	23-2	12578.02	12522.38	12216.00	12438.80	1.57	ppb
Strontium	86-1	124.50	122.05	123.07	123.21	1.00	ppb
Strontium	88-1	120.58	117.03	119.81	119.14	1.57	ppb
Sulfur	34-1	2796.23	2722.19	3074.60	2864.34	6.49	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	120.29	117.25	116.10	117.88	1.84	ppb
Thallium	205-1	124.00	115.73	120.46	120.07	3.46	ppb
Tin	118-1	129.11	121.10	130.84	127.02	4.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:52:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1185.91	1204.68	1221.92	1204.17	1.50	ppb
Uranium	238-1	115.43	114.31	113.52	114.42	0.84	ppb
Vanadium	51-2	118.45	118.57	118.22	118.41	0.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	1230.60	1236.58	1243.42	1236.87	0.52	ppb
Zirconium	90-1	120.46	117.28	119.55	119.10	1.38	ppb
Zirconium	91-1	121.26	120.16	118.88	120.10	0.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:55:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4845.56	5043.25	4997.23	4962.01	2.08	ppb
Antimony	121-1	236.30	238.25	255.50	243.35	4.34	ppb
Arsenic	75-2	235.68	249.62	239.21	241.50	3.00	ppb
Barium	135-1	1155.15	1146.11	1268.55	1189.94	5.73	ppb
Barium	137-1	1146.86	1180.54	1200.01	1175.80	2.29	ppb
Beryllium	9-1	227.86	245.81	234.95	236.20	3.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	211.99	258.61	229.30	233.30	10.10	ppb
Boron	11-1	213.93	237.52	229.09	226.85	5.27	ppb
Bromine	81-1						cps
Cadmium	111-1	240.29	243.21	251.22	244.90	2.31	ppb
Cadmium	106-1	226.55	241.56	254.42	240.84	5.79	ppb
Cadmium	108-1	233.14	237.62	251.51	240.76	3.98	ppb
Calcium	43-1	22887.54	23732.95	22910.96	23177.15	2.08	ppb
Calcium	44-1	22559.50	22538.53	22831.81	22643.28	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	228.03	235.34	235.63	233.00	1.85	ppb
Cobalt	59-2	238.18	240.27	245.26	241.24	1.51	ppb
Copper	63-2	2392.31	2436.91	2476.97	2435.40	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				109		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	13329.70	13807.67	13667.65	13601.67	1.81	ppb
Iron	56-2	12692.54	13173.86	13472.60	13113.00	3.00	ppb
Iron	57-2	12329.55	13059.25	12985.36	12791.39	3.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:55:36	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1088.76	1138.44	1152.90	1126.70	2.99	ppb
Lead	207-1	1091.70	1132.44	1122.46	1115.53	1.90	ppb
Lead	208-1	1089.83	1125.62	1126.55	1114.00	1.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	25408.49	26683.73	25681.25	25924.49	2.59	ppb
Manganese	55-2	2356.51	2439.90	2480.04	2425.48	2.60	ppb
Molybdenum	94-1	2246.39	2230.28	2347.76	2274.81	2.80	ppb
Molybdenum	95-1	2295.01	2280.24	2330.33	2301.86	1.12	ppb
Molybdenum	96-1	2266.77	2245.25	2325.38	2279.14	1.82	ppb
Molybdenum	97-1	2261.13	2215.31	2361.84	2279.43	3.29	ppb
Molybdenum	98-1	2298.82	2220.05	2351.13	2290.00	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	235.05	243.50	240.89	239.81	1.80	ppb
Phosphorus	31-2	4740.58	4785.74	4808.56	4778.29	0.72	ppb
Potassium	39-2	12142.54	12709.43	12507.11	12453.03	2.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	231.49	236.82	239.77	236.03	1.78	ppb
Selenium	77-2	231.31	239.52	252.08	240.97	4.34	ppb
Selenium	78-2	231.04	255.49	243.63	243.39	5.02	ppb
Silicon	28-1	240.26	254.08	254.88	249.74	3.29	ppb
Silver	107-1	236.08	243.99	256.79	245.62	4.25	ppb
Silver	109-1	235.04	246.05	253.68	244.92	3.83	ppb
Sodium	23-2	24942.70	25438.73	24729.00	25036.81	1.45	ppb
Strontium	86-1	229.47	238.70	248.04	238.74	3.89	ppb
Strontium	88-1	229.74	231.40	233.58	231.57	0.83	ppb
Sulfur	34-1	5451.44	6029.29	5499.00	5659.91	5.67	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	231.91	224.55	234.79	230.42	2.29	ppb
Thallium	205-1	229.41	219.75	229.20	226.12	2.44	ppb
Tin	118-1	240.07	238.20	243.81	240.69	1.19	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:55:36	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2293.69	2359.18	2260.08	2304.32	2.19	ppb
Uranium	238-1	219.81	221.37	224.34	221.84	1.04	ppb
Vanadium	51-2	231.63	236.78	241.59	236.67	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	2458.27	2523.19	2536.43	2505.96	1.67	ppb
Zirconium	90-1	224.89	227.37	234.74	229.00	2.24	ppb
Zirconium	91-1	227.51	229.11	238.43	231.68	2.54	ppb

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 12:58:42 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9901.43	9715.91	9721.86	9779.73	1.08	ppb
Antimony	121-1	490.77	460.97	475.95	475.90	3.13	ppb
Arsenic	75-2	470.95	469.56	460.19	466.90	1.25	ppb
Barium	135-1	2425.22	2360.66	2453.16	2413.01	1.97	ppb
Barium	137-1	2337.78	2318.19	2449.81	2368.59	3.00	ppb
Beryllium	9-1	502.62	476.57	496.02	491.74	2.75	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	488.12	484.16	517.69	496.66	3.69	ppb
Boron	11-1	439.02	472.77	491.44	467.74	5.68	ppb
Bromine	81-1						cps
Cadmium	111-1	483.32	463.72	476.92	474.65	2.11	ppb
Cadmium	106-1	477.13	470.74	474.52	474.13	0.68	ppb
Cadmium	108-1	479.77	482.42	484.10	482.10	0.45	ppb
Calcium	43-1	47290.97	46044.93	46026.28	46454.06	1.56	ppb
Calcium	44-1	45830.52	46414.33	45849.00	46031.29	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.38	477.80	476.29	475.49	0.59	ppb
Cobalt	59-2	486.42	483.45	470.81	480.22	1.73	ppb
Copper	63-2	4966.59	4836.75	4887.12	4896.82	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	26187.30	25833.09	25947.99	25989.46	0.70	ppb
Iron	56-2	25993.66	25997.88	25820.33	25937.29	0.39	ppb
Iron	57-2	25944.91	26500.09	25525.08	25990.03	1.88	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:58:42	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2468.37	2340.80	2335.38	2381.52	3.16	ppb
Lead	207-1	2487.62	2322.88	2369.85	2393.45	3.55	ppb
Lead	208-1	2443.17	2340.31	2363.35	2382.28	2.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	51996.39	53040.52	52125.83	52387.58	1.09	ppb
Manganese	55-2	4753.06	4739.35	4763.94	4752.12	0.26	ppb
Molybdenum	94-1	4741.91	4613.55	4750.03	4701.83	1.63	ppb
Molybdenum	95-1	4704.11	4551.11	4802.13	4685.79	2.70	ppb
Molybdenum	96-1	4729.31	4652.92	4644.92	4675.72	1.00	ppb
Molybdenum	97-1	4673.03	4714.42	4692.25	4693.24	0.44	ppb
Molybdenum	98-1	4703.04	4678.16	4693.25	4691.48	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.40	460.30	454.30	458.34	0.76	ppb
Phosphorus	31-2	9540.69	9532.18	9445.22	9506.03	0.56	ppb
Potassium	39-2	24478.20	23012.87	23893.32	23794.80	3.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	480.13	470.48	472.57	474.39	1.07	ppb
Selenium	77-2	494.92	463.58	468.56	475.68	3.54	ppb
Selenium	78-2	478.85	467.00	463.15	469.67	1.74	ppb
Silicon	28-1	477.77	491.18	495.33	488.09	1.88	ppb
Silver	107-1	476.63	490.79	483.23	483.55	1.46	ppb
Silver	109-1	484.46	467.07	482.28	477.94	1.98	ppb
Sodium	23-2	50306.96	50828.36	50554.10	50563.14	0.52	ppb
Strontium	86-1	472.82	484.36	469.72	475.63	1.62	ppb
Strontium	88-1	465.53	464.91	465.74	465.39	0.09	ppb
Sulfur	34-1	9167.50	9479.86	9471.55	9372.97	1.90	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	470.69	465.34	468.88	468.31	0.58	ppb
Thallium	205-1	474.38	463.80	455.63	464.60	2.02	ppb
Tin	118-1	484.31	451.11	475.95	470.46	3.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:58:42	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4597.14	4643.50	4602.37	4614.34	0.55	ppb
Uranium	238-1	459.79	462.71	449.76	457.42	1.48	ppb
Vanadium	51-2	482.53	466.89	468.82	472.75	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	4904.32	4847.97	4830.91	4861.07	0.79	ppb
Zirconium	90-1	480.18	463.50	484.29	475.99	2.31	ppb
Zirconium	91-1	476.77	464.80	484.72	475.43	2.11	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:01:45	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21791.68	21621.42	21093.74	21502.28	1.69	ppb
Antimony	121-1	1008.56	993.81	1038.19	1013.52	2.23	ppb
Arsenic	75-2	1010.49	1026.00	1021.63	1019.37	0.78	ppb
Barium	135-1	5051.96	4950.17	5176.61	5059.58	2.24	ppb
Barium	137-1	5028.65	4946.41	5281.89	5085.65	3.44	ppb
Beryllium	9-1	994.37	1008.61	1022.47	1008.48	1.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	968.69	988.26	1063.85	1006.93	4.99	ppb
Boron	11-1	1004.72	1044.40	1019.27	1022.80	1.96	ppb
Bromine	81-1						cps
Cadmium	111-1	993.74	961.66	1084.60	1013.33	6.29	ppb
Cadmium	106-1	1010.14	1005.29	1029.09	1014.84	1.24	ppb
Cadmium	108-1	1002.97	993.88	1036.11	1010.99	2.20	ppb
Calcium	43-1	101624.15	104852.26	98371.69	101616.03	3.19	ppb
Calcium	44-1	100269.31	103910.42	100353.86	101511.20	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1021.28	1030.72	1000.84	1017.61	1.50	ppb
Cobalt	59-2	1016.78	1010.76	1010.40	1012.65	0.35	ppb
Copper	63-2	10150.80	10046.17	9999.77	10065.58	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				110		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	54485.19	55600.66	54082.93	54722.92	1.44	ppb
Iron	56-2	56154.86	54234.39	53741.22	54710.16	2.33	ppb
Iron	57-2	57131.70	56125.63	55790.42	56349.25	1.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:01:45	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5194.09	5202.77	4879.38	5092.08	3.62	ppb
Lead	207-1	5097.51	5215.22	4956.32	5089.68	2.55	ppb
Lead	208-1	5093.51	5247.47	4950.39	5097.12	2.91	ppb
Lithium	6-1				99		%
Magnesium	24-2	107641.50	110906.73	108861.64	109136.62	1.51	ppb
Manganese	55-2	10275.59	10057.08	10108.12	10146.93	1.13	ppb
Molybdenum	94-1	10381.57	10067.17	10195.08	10214.61	1.55	ppb
Molybdenum	95-1	10105.71	10376.86	10158.30	10213.62	1.41	ppb
Molybdenum	96-1	10054.86	10474.36	10150.28	10226.50	2.15	ppb
Molybdenum	97-1	10182.45	10321.45	10146.69	10216.86	0.90	ppb
Molybdenum	98-1	10224.90	10234.31	10182.56	10213.92	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1045.40	1007.78	1019.45	1024.21	1.88	ppb
Phosphorus	31-2	20822.18	20251.41	19903.96	20325.85	2.28	ppb
Potassium	39-2	52134.36	50352.66	50678.50	51055.17	1.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	1017.03	1021.25	1011.46	1016.58	0.48	ppb
Selenium	77-2	991.70	995.69	1051.87	1013.09	3.32	ppb
Selenium	78-2	1007.74	1029.17	1014.29	1017.07	1.08	ppb
Silicon	28-1	1002.74	998.00	1016.08	1005.61	0.93	ppb
Silver	107-1	1021.03	990.59	1014.11	1008.58	1.58	ppb
Silver	109-1	1003.75	958.74	1072.00	1011.50	5.64	ppb
Sodium	23-2	103607.59	108113.87	106606.72	106109.40	2.16	ppb
Strontium	86-1	1019.19	1017.11	1009.66	1015.32	0.49	ppb
Strontium	88-1	993.96	1045.11	1029.10	1022.72	2.56	ppb
Sulfur	34-1	19518.95	20189.65	20569.01	20092.54	2.65	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	1040.57	1009.31	1015.34	1021.74	1.62	ppb
Thallium	205-1	1041.59	1047.36	984.12	1024.36	3.41	ppb
Tin	118-1	994.66	1000.87	1054.57	1016.70	3.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:01:45	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10005.93	10421.32	10317.85	10248.37	2.11	ppb
Uranium	238-1	1046.56	1029.35	1013.73	1029.88	1.59	ppb
Vanadium	51-2	1030.22	1030.80	992.83	1017.95	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	10272.11	10271.50	9664.69	10069.43	3.48	ppb
Zirconium	90-1	1006.32	1022.74	1025.17	1018.08	1.01	ppb
Zirconium	91-1	998.22	1032.13	1022.43	1017.59	1.72	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:04:51	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100135.66	99836.20	99201.89	99724.58	0.48	ppb
Antimony	121-1	0.50	0.53	0.57	0.53	6.53	ppb
Arsenic	75-2	0.37	0.30	0.49	0.39	23.96	ppb
Barium	135-1	2.42	2.32	2.41	2.38	2.42	ppb
Barium	137-1	2.53	2.29	2.33	2.38	5.35	ppb
Beryllium	9-1	0.11	0.10	0.10	0.11	6.32	ppb
Bismuth	209-1				84		%
Bismuth	209-2				91		%
Boron	10-1	91.97	88.91	82.74	87.87	5.35	ppb
Boron	11-1	97.79	92.13	86.17	92.03	6.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.22	0.20	0.22	0.21	5.35	ppb
Cadmium	106-1	-0.45	-1.25	-1.65	-1.12		ppb
Cadmium	108-1	0.29	0.39	0.29	0.32	16.42	ppb
Calcium	43-1	495243.69	500813.85	504386.35	500147.96	0.92	ppb
Calcium	44-1	497217.13	506686.63	496808.03	500237.27	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.39	8.41	8.15	8.32	1.72	ppb
Cobalt	59-2	2.57	2.62	2.65	2.61	1.58	ppb
Copper	63-2	2.48	2.48	2.55	2.51	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	54-2	248845.33	247333.07	250503.87	248894.09	0.64	ppb
Iron	56-2	248787.38	248868.63	249121.67	248925.89	0.07	ppb
Iron	57-2	252848.78	243331.04	249653.21	248611.01	1.95	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:04:51	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.13	1.09	1.13	1.12	2.13	ppb
Lead	207-1	1.13	1.08	1.09	1.10	2.18	ppb
Lead	208-1	1.12	1.07	1.10	1.10	2.71	ppb
Lithium	6-1				92		%
Magnesium	24-2	490706.63	507150.93	495768.14	497875.23	1.69	ppb
Manganese	55-2	4.86	4.83	4.75	4.82	1.22	ppb
Molybdenum	94-1	3.69	3.85	3.65	3.73	2.84	ppb
Molybdenum	95-1	3.11	3.21	2.94	3.09	4.51	ppb
Molybdenum	96-1	8.70	8.66	8.21	8.53	3.17	ppb
Molybdenum	97-1	3.09	3.09	3.05	3.08	0.87	ppb
Molybdenum	98-1	2.75	2.69	2.55	2.66	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.91	6.73	6.52	6.72	2.95	ppb
Phosphorus	31-2	-1.17	-2.74	-14.34	-6.08		ppb
Potassium	39-2	251620.17	252290.30	245820.84	249910.44	1.42	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				104		%
Selenium	82-1	1.40	2.04	1.04	1.49	33.85	ppb
Selenium	77-2	0.42	0.00	0.44	0.29	86.67	ppb
Selenium	78-2	-0.33	0.26	-0.43	-0.17		ppb
Silicon	28-1	4.95	4.80	4.10	4.62	9.80	ppb
Silver	107-1	0.32	0.30	0.28	0.30	6.83	ppb
Silver	109-1	0.32	0.28	0.29	0.30	7.57	ppb
Sodium	23-2	507188.48	494631.58	494349.49	498723.18	1.47	ppb
Strontium	86-1	6.39	6.72	6.44	6.52	2.75	ppb
Strontium	88-1	6.85	7.14	6.93	6.97	2.18	ppb
Sulfur	34-1	-511.53	-430.34	-458.11	-466.66		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.39	0.34	0.34	0.36	8.85	ppb
Thallium	205-1	0.39	0.35	0.36	0.36	5.32	ppb
Tin	118-1	4.65	4.67	4.73	4.69	0.92	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:04:51	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.61	1.68	1.61	1.64	2.40	ppb
Uranium	238-1	0.13	0.10	0.11	0.11	12.01	ppb
Vanadium	51-2	0.18	0.20	0.20	0.19	5.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	10.11	9.77	9.61	9.83	2.59	ppb
Zirconium	90-1	0.49	0.49	0.49	0.49	0.30	ppb
Zirconium	91-1	0.53	0.50	0.46	0.50	7.22	ppb

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : ICV29 Instrumnet Name : P8
 Client Sample ID : ICV29 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 13:22:44 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	508.79	523.36	503.72	511.96	1.99	ppb
Antimony	121-1	211.52	197.56	204.91	204.66	3.41	ppb
Arsenic	75-2	203.66	205.48	200.05	203.06	1.36	ppb
Barium	135-1	105.68	100.87	101.27	102.61	2.60	ppb
Barium	137-1	104.08	101.79	101.60	102.49	1.35	ppb
Beryllium	9-1	100.98	100.25	99.92	100.38	0.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	460.40	451.81	449.85	454.02	1.24	ppb
Boron	11-1	438.76	436.08	444.01	439.62	0.92	ppb
Bromine	81-1						cps
Cadmium	111-1	110.35	106.65	105.34	107.45	2.42	ppb
Cadmium	106-1	193.73	178.52	185.76	186.00	4.09	ppb
Cadmium	108-1	145.15	137.57	137.74	140.15	3.09	ppb
Calcium	43-1	2260.98	2298.71	2437.97	2332.55	4.00	ppb
Calcium	44-1	2205.90	2159.35	2194.11	2186.45	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.70	96.32	95.46	95.16	1.41	ppb
Cobalt	59-2	99.27	101.09	99.16	99.84	1.08	ppb
Copper	63-2	99.62	100.59	97.73	99.31	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				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	2110.76	2157.61	2093.03	2120.46	1.57	ppb
Iron	56-2	2125.83	2126.09	2091.72	2114.54	0.94	ppb
Iron	57-2	2058.73	2078.96	1956.92	2031.54	3.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICV29	Instrumnet Name :	P8
Client Sample ID :	ICV29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:22:44	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	200.96	210.19	207.59	206.25	2.31	ppb
Lead	207-1	194.29	196.96	200.07	197.11	1.47	ppb
Lead	208-1	201.89	199.82	204.78	202.16	1.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	1206.40	1230.11	1156.88	1197.79	3.12	ppb
Manganese	55-2	93.89	95.66	95.43	94.99	1.01	ppb
Molybdenum	94-1	1328.85	1359.98	1371.44	1353.42	1.63	ppb
Molybdenum	95-1	516.67	522.76	544.40	527.94	2.76	ppb
Molybdenum	96-1	601.19	596.33	640.87	612.80	3.99	ppb
Molybdenum	97-1	518.14	517.43	540.44	525.34	2.49	ppb
Molybdenum	98-1	512.86	506.90	527.76	515.84	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.89	108.46	105.08	106.48	1.66	ppb
Phosphorus	31-2	-18.29	-14.95	-16.78	-16.67		ppb
Potassium	39-2	1867.12	1922.78	1867.34	1885.75	1.70	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	199.52	198.95	205.27	201.25	1.74	ppb
Selenium	77-2	203.11	198.00	190.46	197.19	3.23	ppb
Selenium	78-2	206.10	207.31	208.48	207.29	0.57	ppb
Silicon	28-1	64.16	67.35	75.55	69.02	8.51	ppb
Silver	107-1	55.61	53.20	54.28	54.36	2.22	ppb
Silver	109-1	53.49	51.47	53.08	52.68	2.03	ppb
Sodium	23-2	2061.36	2043.20	1973.88	2026.14	2.28	ppb
Strontium	86-1	523.19	515.79	539.46	526.15	2.30	ppb
Strontium	88-1	519.41	525.13	523.13	522.55	0.56	ppb
Sulfur	34-1	-623.84	-593.53	-297.74	-505.04		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	192.99	203.49	208.06	201.51	3.84	ppb
Thallium	205-1	200.55	204.64	203.32	202.84	1.03	ppb
Tin	118-1	569.30	532.24	546.70	549.41	3.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICV29	Instrumnet Name :	P8
Client Sample ID :	ICV29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:22:44	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	515.29	529.40	533.97	526.22	1.85	ppb
Uranium	238-1	488.73	462.67	475.59	475.66	2.74	ppb
Vanadium	51-2	94.28	96.55	93.32	94.72	1.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	193.30	202.34	195.21	196.95	2.42	ppb
Zirconium	90-1	502.98	506.76	517.36	509.04	1.46	ppb
Zirconium	91-1	493.40	499.18	513.79	502.12	2.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICB29	Instrumnet Name :	P8
Client Sample ID :	ICB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:25:37	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.99	-2.05	-2.37	-2.14		ppb
Antimony	121-1	0.11	0.12	0.15	0.13	14.88	ppb
Arsenic	75-2	0.01	-0.02	0.03	0.01	327.28	ppb
Barium	135-1	0.03	0.01	0.01	0.02	65.70	ppb
Barium	137-1	0.03	0.01	0.02	0.02	46.00	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	20.13	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	18.04	17.91	17.06	17.67	3.00	ppb
Boron	11-1	18.01	18.70	16.18	17.63	7.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	0.01	0.00	141.76	ppb
Cadmium	106-1	-0.60	-1.02	-0.43	-0.68		ppb
Cadmium	108-1	0.04	0.01	-0.15	-0.03		ppb
Calcium	43-1	1.72	2.18	1.73	1.88	13.80	ppb
Calcium	44-1	1.88	1.59	0.32	1.26	65.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.02	-0.05	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	100.04	ppb
Copper	63-2	0.04	0.02	0.04	0.03	36.62	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				103		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	1.34	1.01	1.00	1.12	17.40	ppb
Iron	56-2	0.33	0.11	0.30	0.24	49.91	ppb
Iron	57-2	0.86	0.46	-0.22	0.37	147.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICB29	Instrumnet Name :	P8
Client Sample ID :	ICB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:25:37	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.04	0.06	20.37	ppb
Lead	207-1	0.04	0.05	0.04	0.04	7.84	ppb
Lead	208-1	0.05	0.06	0.04	0.05	17.34	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.34	0.72	0.45	0.51	38.51	ppb
Manganese	55-2	0.01	0.02	0.01	0.01	76.84	ppb
Molybdenum	94-1	0.22	0.21	0.15	0.20	19.38	ppb
Molybdenum	95-1	0.13	0.10	0.09	0.11	20.04	ppb
Molybdenum	96-1	0.11	0.11	0.11	0.11	2.92	ppb
Molybdenum	97-1	0.10	0.09	0.08	0.09	9.88	ppb
Molybdenum	98-1	0.12	0.10	0.11	0.11	11.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-13.11	-16.42	-0.69	-10.07		ppb
Potassium	39-2	2.13	3.22	-0.52	1.61	119.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.91	0.22	0.56	0.56	61.69	ppb
Selenium	77-2	0.89	0.00	0.43	0.44	101.12	ppb
Selenium	78-2	-0.94	-0.58	-0.61	-0.71		ppb
Silicon	28-1	1.85	2.46	2.33	2.21	14.65	ppb
Silver	107-1	0.07	0.06	0.06	0.06	13.99	ppb
Silver	109-1	0.07	0.06	0.06	0.06	3.92	ppb
Sodium	23-2	13.10	11.10	12.11	12.10	8.25	ppb
Strontium	86-1	-0.21	0.07	0.02	-0.04		ppb
Strontium	88-1	0.04	0.04	0.03	0.04	22.31	ppb
Sulfur	34-1	-375.68	-92.05	-293.83	-253.85		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.07	0.04	0.05	29.10	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	13.07	ppb
Tin	118-1	0.10	0.08	0.08	0.09	13.83	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICB29	Instrumnet Name :	P8
Client Sample ID :	ICB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:25:37	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.09	0.04	0.08	40.69	ppb
Uranium	238-1	0.04	0.04	0.02	0.03	24.49	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	15.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	0.11	0.04	0.03	0.06	73.35	ppb
Zirconium	90-1	0.04	0.06	0.05	0.05	13.04	ppb
Zirconium	91-1	0.05	0.07	0.04	0.05	30.86	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSA29	Instrumnet Name :	P8
Client Sample ID :	ICSA29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:28:40	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93699.35	94286.92	95973.35	94653.21	1.25	ppb
Antimony	121-1	1.27	1.25	1.18	1.24	3.66	ppb
Arsenic	75-2	0.24	0.29	0.27	0.27	7.99	ppb
Barium	135-1	1.43	1.50	1.42	1.45	2.79	ppb
Barium	137-1	1.47	1.46	1.48	1.47	0.77	ppb
Beryllium	9-1	0.26	0.25	0.26	0.26	3.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	12.49	11.88	12.44	12.27	2.74	ppb
Boron	11-1	12.85	12.93	13.20	12.99	1.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.38	0.40	0.39	2.67	ppb
Cadmium	106-1	-0.45	-0.79	-2.05	-1.09		ppb
Cadmium	108-1	9.81	9.18	8.91	9.30	4.97	ppb
Calcium	43-1	91326.52	91587.24	88482.86	90465.54	1.90	ppb
Calcium	44-1	89955.63	90836.12	90467.02	90419.59	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.23	17.65	17.98	17.95	1.64	ppb
Cobalt	59-2	1.09	1.09	1.11	1.10	1.15	ppb
Copper	63-2	6.97	6.91	7.12	7.00	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				107		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	98796.17	96604.53	99594.72	98331.81	1.57	ppb
Iron	56-2	99873.74	97417.17	100748.08	99346.33	1.74	ppb
Iron	57-2	97585.89	97675.00	98273.76	97844.88	0.38	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSA29	Instrumnet Name :	P8
Client Sample ID :	ICSA29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:28:40	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.45	4.64	4.59	4.56	2.24	ppb
Lead	207-1	4.06	4.24	4.17	4.16	2.17	ppb
Lead	208-1	4.23	4.34	4.33	4.30	1.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	95427.81	93083.39	96225.40	94912.20	1.72	ppb
Manganese	55-2	7.00	6.78	7.05	6.94	2.09	ppb
Molybdenum	94-1	1511.11	1563.04	1511.82	1528.66	1.95	ppb
Molybdenum	95-1	1895.46	1954.59	1850.96	1900.34	2.74	ppb
Molybdenum	96-1	1811.19	1887.61	1834.89	1844.56	2.12	ppb
Molybdenum	97-1	1829.50	1883.47	1823.48	1845.48	1.79	ppb
Molybdenum	98-1	1810.80	1859.15	1821.74	1830.56	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.15	4.71	4.77	4.88	4.95	ppb
Phosphorus	31-2	91698.63	92867.04	93385.87	92650.51	0.93	ppb
Potassium	39-2	94683.90	92681.92	91250.80	92872.21	1.86	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	-0.19	1.16	1.73	0.90	109.86	ppb
Selenium	77-2	0.43	0.43	0.00	0.29	86.60	ppb
Selenium	78-2	-0.05	-1.23	-0.94	-0.74		ppb
Silicon	28-1	3.89	4.41	4.03	4.11	6.48	ppb
Silver	107-1	0.10	0.09	0.07	0.09	16.42	ppb
Silver	109-1	0.10	0.09	0.07	0.09	17.71	ppb
Sodium	23-2	98187.04	94198.41	99040.59	97142.01	2.66	ppb
Strontium	86-1	32.67	33.73	32.66	33.02	1.87	ppb
Strontium	88-1	32.37	33.45	33.24	33.02	1.73	ppb
Sulfur	34-1	88322.94	90187.29	87929.87	88813.37	1.36	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.12	0.15	0.13	12.67	ppb
Thallium	205-1	0.10	0.12	0.15	0.13	20.30	ppb
Tin	118-1	0.18	0.19	0.21	0.19	9.39	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSA29	Instrumnet Name :	P8
Client Sample ID :	ICSA29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:28:40	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1896.94	1899.74	1900.25	1898.97	0.09	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	5.37	ppb
Vanadium	51-2	0.14	0.15	0.15	0.15	3.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	10.78	10.11	10.45	10.45	3.21	ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	4.68	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	1.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSAB29	Instrumnet Name :	P8
Client Sample ID :	ICSAB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:31:34	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94355.17	97011.83	97494.59	96287.19	1.76	ppb
Antimony	121-1	19.93	20.39	20.59	20.30	1.68	ppb
Arsenic	75-2	19.12	18.47	18.70	18.76	1.76	ppb
Barium	135-1	19.94	21.03	21.32	20.76	3.50	ppb
Barium	137-1	20.49	20.27	21.03	20.60	1.91	ppb
Beryllium	9-1	19.08	18.38	18.82	18.76	1.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	10.47	10.60	9.53	10.20	5.70	ppb
Boron	11-1	11.29	10.43	10.27	10.66	5.15	ppb
Bromine	81-1						cps
Cadmium	111-1	18.90	18.67	19.21	18.93	1.43	ppb
Cadmium	106-1	13.58	11.66	12.13	12.46	8.06	ppb
Cadmium	108-1	23.14	23.85	23.83	23.61	1.71	ppb
Calcium	43-1	85473.22	84785.37	93733.77	87997.46	5.66	ppb
Calcium	44-1	85546.31	88520.21	94168.89	89411.80	4.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.92	36.40	35.95	36.09	0.75	ppb
Cobalt	59-2	19.82	20.07	19.31	19.73	1.97	ppb
Copper	63-2	25.06	25.20	25.37	25.21	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				111		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	97277.42	102592.51	95242.32	98370.75	3.86	ppb
Iron	56-2	98352.84	100266.63	98092.53	98904.00	1.20	ppb
Iron	57-2	96961.87	98140.22	100399.22	98500.44	1.77	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSAB29	Instrumnet Name :	P8
Client Sample ID :	ICSAB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:31:34	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.50	23.49	24.32	23.77	2.01	ppb
Lead	207-1	22.01	21.63	23.65	22.43	4.79	ppb
Lead	208-1	22.83	22.34	23.98	23.05	3.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	99297.15	98019.52	96171.73	97829.47	1.61	ppb
Manganese	55-2	24.05	25.45	24.77	24.76	2.81	ppb
Molybdenum	94-1	1525.46	1436.69	1453.23	1471.79	3.21	ppb
Molybdenum	95-1	1937.06	1771.49	1787.83	1832.13	4.98	ppb
Molybdenum	96-1	1881.20	1718.30	1753.50	1784.33	4.80	ppb
Molybdenum	97-1	1853.44	1738.09	1801.83	1797.79	3.21	ppb
Molybdenum	98-1	1838.05	1775.08	1783.84	1798.99	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.11	23.76	23.30	23.39	1.43	ppb
Phosphorus	31-2	90452.57	92978.97	92761.59	92064.38	1.52	ppb
Potassium	39-2	90619.87	94051.58	92618.25	92429.90	1.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	19.86	18.78	18.26	18.97	4.32	ppb
Selenium	77-2	22.50	18.30	19.41	20.07	10.84	ppb
Selenium	78-2	17.88	16.39	18.64	17.64	6.50	ppb
Silicon	28-1	2.68	2.80	3.45	2.98	13.87	ppb
Silver	107-1	18.31	18.57	17.91	18.26	1.81	ppb
Silver	109-1	17.90	17.96	18.87	18.24	2.98	ppb
Sodium	23-2	100513.59	98785.04	98997.40	99432.01	0.95	ppb
Strontium	86-1	33.17	31.30	31.46	31.97	3.24	ppb
Strontium	88-1	33.14	32.86	31.89	32.63	2.02	ppb
Sulfur	34-1	82288.84	80774.66	87011.83	83358.44	3.90	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	18.64	18.94	19.33	18.97	1.82	ppb
Thallium	205-1	19.86	20.38	20.34	20.19	1.42	ppb
Tin	118-1	0.17	0.17	0.19	0.18	7.50	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSAB29	Instrumnet Name :	P8
Client Sample ID :	ICSAB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:31:34	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1833.94	1869.09	1860.09	1854.37	0.98	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	1.37	ppb
Vanadium	51-2	18.17	18.54	17.97	18.23	1.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	28.84	29.48	29.16	29.16	1.10	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	16.23	ppb
Zirconium	91-1	0.04	0.06	0.06	0.05	15.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:34:29	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50179.63	50573.63	49090.17	49947.81	1.54	ppb
Antimony	121-1	494.80	498.62	498.76	497.40	0.45	ppb
Arsenic	75-2	477.18	468.33	463.83	469.78	1.45	ppb
Barium	135-1	2443.87	2488.52	2526.79	2486.39	1.67	ppb
Barium	137-1	2384.28	2481.38	2442.32	2435.99	2.01	ppb
Beryllium	9-1	463.67	474.17	447.34	461.73	2.93	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	328.15	347.68	332.91	336.25	3.03	ppb
Boron	11-1	325.65	317.70	337.90	327.08	3.11	ppb
Bromine	81-1						cps
Cadmium	111-1	484.97	465.32	485.75	478.68	2.42	ppb
Cadmium	106-1	476.28	485.98	490.55	484.27	1.50	ppb
Cadmium	108-1	474.15	482.59	480.80	479.18	0.93	ppb
Calcium	43-1	231230.25	218321.31	229148.57	226233.37	3.06	ppb
Calcium	44-1	234873.70	220952.66	231307.10	229044.49	3.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.50	497.63	473.89	488.34	2.60	ppb
Cobalt	59-2	487.12	478.60	465.96	477.23	2.23	ppb
Copper	63-2	5086.43	5022.72	4786.14	4965.10	3.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	124147.76	123155.61	118448.86	121917.41	2.50	ppb
Iron	56-2	125921.06	123000.78	122854.90	123925.58	1.40	ppb
Iron	57-2	124257.41	121211.61	120323.22	121930.75	1.69	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:34:29	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2524.74	2518.05	2479.51	2507.43	0.97	ppb
Lead	207-1	2565.63	2558.99	2495.22	2539.95	1.53	ppb
Lead	208-1	2535.56	2538.64	2512.97	2529.06	0.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	245668.89	248107.99	241481.15	245086.01	1.37	ppb
Manganese	55-2	4848.03	4810.53	4773.98	4810.84	0.77	ppb
Molybdenum	94-1	5012.79	4773.21	4838.55	4874.85	2.54	ppb
Molybdenum	95-1	5018.61	4734.01	4812.36	4854.99	3.03	ppb
Molybdenum	96-1	4777.10	4682.93	4737.54	4732.52	1.00	ppb
Molybdenum	97-1	4779.56	4732.97	4680.98	4731.17	1.04	ppb
Molybdenum	98-1	4904.93	4767.12	4705.19	4792.41	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.47	475.40	465.07	474.65	1.94	ppb
Phosphorus	31-2	10199.82	9652.11	9674.15	9842.03	3.15	ppb
Potassium	39-2	119283.65	116502.26	116922.25	117569.39	1.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	496.60	487.93	480.17	488.23	1.68	ppb
Selenium	77-2	503.95	495.19	501.09	500.07	0.89	ppb
Selenium	78-2	500.35	497.85	495.94	498.05	0.44	ppb
Silicon	28-1	230.39	223.86	237.89	230.71	3.04	ppb
Silver	107-1	485.32	508.57	483.60	492.50	2.83	ppb
Silver	109-1	485.74	472.00	491.45	483.06	2.07	ppb
Sodium	23-2	248546.21	236240.85	233341.68	239376.25	3.37	ppb
Strontium	86-1	503.69	499.74	484.85	496.09	2.00	ppb
Strontium	88-1	481.91	489.57	487.54	486.34	0.82	ppb
Sulfur	34-1	8719.37	8294.18	8856.25	8623.27	3.40	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	500.42	511.87	490.00	500.76	2.18	ppb
Thallium	205-1	504.61	497.52	503.00	501.71	0.74	ppb
Tin	118-1	487.41	462.74	498.41	482.85	3.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:34:29	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4885.22	4720.64	4802.42	4802.76	1.71	ppb
Uranium	238-1	514.92	512.74	508.40	512.02	0.65	ppb
Vanadium	51-2	496.35	492.79	474.07	487.74	2.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	4844.01	5043.92	4774.19	4887.37	2.86	ppb
Zirconium	90-1	504.48	493.02	488.75	495.42	1.64	ppb
Zirconium	91-1	498.36	486.11	476.59	487.02	2.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:42:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	2.25	1.28	1.74	27.86	ppb
Antimony	121-1	0.06	0.08	0.08	0.07	17.09	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	0.02	0.03	0.02	0.03	21.15	ppb
Barium	137-1	0.02	0.01	0.00	0.01	65.08	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	36.27	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	10.25	10.68	9.97	10.30	3.48	ppb
Boron	11-1	10.50	11.05	10.56	10.70	2.84	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	-0.04	-0.02		ppb
Cadmium	106-1	-0.57	-1.61	-2.92	-1.70		ppb
Cadmium	108-1	-0.13	-0.22	-0.15	-0.17		ppb
Calcium	43-1	1.78	0.69	1.96	1.48	46.54	ppb
Calcium	44-1	1.31	0.73	1.23	1.09	28.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.03	-0.02	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.12	0.09	0.12	0.11	15.73	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				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	2.61	1.16	1.28	1.68	47.71	ppb
Iron	56-2	1.43	1.58	1.46	1.49	5.12	ppb
Iron	57-2	1.42	0.68	1.65	1.25	40.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:42:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.07	8.50	ppb
Lead	207-1	0.06	0.06	0.04	0.05	18.77	ppb
Lead	208-1	0.07	0.07	0.06	0.06	9.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.28	2.31	1.99	2.19	8.06	ppb
Manganese	55-2	0.03	0.02	0.03	0.02	24.74	ppb
Molybdenum	94-1	0.06	0.09	0.07	0.07	17.36	ppb
Molybdenum	95-1	0.08	0.07	0.05	0.07	23.12	ppb
Molybdenum	96-1	0.08	0.07	0.06	0.07	15.66	ppb
Molybdenum	97-1	0.11	0.08	0.10	0.10	18.27	ppb
Molybdenum	98-1	0.10	0.06	0.08	0.08	23.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-12.84	-13.98	-3.37	-10.06		ppb
Potassium	39-2	5.06	8.00	8.55	7.20	26.00	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.97	-0.19	0.71	0.50	122.64	ppb
Selenium	77-2	0.43	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	0.48	0.18	-0.73	-0.02		ppb
Silicon	28-1	-0.41	-0.22	-0.38	-0.34		ppb
Silver	107-1	0.04	0.03	0.03	0.03	16.07	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.25	ppb
Sodium	23-2	29.32	30.32	29.18	29.61	2.10	ppb
Strontium	86-1	-0.03	-0.05	-0.31	-0.13		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	10.90	ppb
Sulfur	34-1	-830.28	-701.60	-827.89	-786.59		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.07	0.07	0.06	4.21	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	13.41	ppb
Tin	118-1	0.08	0.08	0.05	0.07	20.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:42:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.03	0.01	0.05	95.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	37.69	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	30.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.05	0.10	0.13	0.09	46.72	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.76	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	38.32	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BL	Instrumnet Name :	P8
Client Sample ID :	PBS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:49:31	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.43	-2.15	-2.24	-2.27		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	33.66	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.00	171.42	ppb
Barium	137-1	0.00	0.00	0.00	0.00	2689.00	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	38.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	5.20	5.30	5.15	5.21	1.43	ppb
Boron	11-1	5.79	5.31	5.44	5.51	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.01	-0.04	-0.03		ppb
Cadmium	106-1	-1.84	-1.23	-1.95	-1.67		ppb
Cadmium	108-1	-0.18	-0.17	-0.10	-0.15		ppb
Calcium	43-1	-0.11	-0.99	-1.33	-0.81		ppb
Calcium	44-1	-0.66	-0.96	-0.66	-0.76		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	0.00	-0.04	-0.04		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.05	0.02	0.05	56.39	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				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	1.05	0.98	0.83	0.95	11.77	ppb
Iron	56-2	0.24	0.13	0.26	0.21	33.14	ppb
Iron	57-2	-0.15	0.11	0.21	0.05	331.90	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BL	Instrumnet Name :	P8
Client Sample ID :	PBS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:49:31	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	5.73	ppb
Lead	207-1	0.03	0.03	0.01	0.02	51.61	ppb
Lead	208-1	0.04	0.04	0.03	0.04	9.71	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.46	0.16	0.48	0.37	48.06	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.04	0.01	0.03	0.02	58.08	ppb
Molybdenum	95-1	0.04	0.03	0.01	0.03	43.98	ppb
Molybdenum	96-1	0.00	0.03	0.02	0.02	87.40	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	26.76	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	13.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-10.66	-5.19	4.63	-3.74		ppb
Potassium	39-2	5.85	4.04	7.65	5.85	30.90	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.84	0.53	0.82	0.73	23.65	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.45	-0.28	-0.36	-0.36		ppb
Silicon	28-1	-0.06	-0.01	-0.45	-0.18		ppb
Silver	107-1	0.01	0.02	0.02	0.02	15.21	ppb
Silver	109-1	0.01	0.02	0.02	0.02	16.02	ppb
Sodium	23-2	12.35	13.62	13.39	13.12	5.15	ppb
Strontium	86-1	-0.15	-0.14	-0.01	-0.10		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-445.99	-455.81	-454.83	-452.21		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.05	0.06	0.05	13.90	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	21.26	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	249.04	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BL	Instrumnet Name :	P8
Client Sample ID :	PBS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:49:31	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.03	0.02	0.00	5937042.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	292.94	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	61.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	-0.11	-0.09	-0.04	-0.08		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	120.50	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	69.69	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BS	Instrumnet Name :	P8
Client Sample ID :	LCS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:52:31	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.09	35.58	35.39	35.69	1.01	ppb
Antimony	121-1	3.62	3.64	3.62	3.63	0.38	ppb
Arsenic	75-2	1.74	1.94	1.88	1.86	5.48	ppb
Barium	135-1	17.85	18.02	17.69	17.85	0.93	ppb
Barium	137-1	17.56	17.68	18.19	17.81	1.87	ppb
Beryllium	9-1	1.88	1.77	1.77	1.80	3.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	29.09	28.34	30.90	29.45	4.48	ppb
Boron	11-1	29.34	28.33	31.19	29.62	4.89	ppb
Bromine	81-1						cps
Cadmium	111-1	2.01	1.94	2.00	1.98	1.89	ppb
Cadmium	106-1	1.95	1.54	1.64	1.71	12.32	ppb
Cadmium	108-1	1.80	1.82	1.38	1.67	14.93	ppb
Calcium	43-1	866.52	835.46	863.06	855.01	1.99	ppb
Calcium	44-1	873.43	847.95	883.88	868.42	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.55	3.50	3.45	3.50	1.32	ppb
Cobalt	59-2	1.87	1.84	1.79	1.83	1.97	ppb
Copper	63-2	3.72	3.72	3.74	3.73	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	368.81	371.17	366.88	368.95	0.58	ppb
Iron	56-2	367.87	367.61	363.56	366.35	0.66	ppb
Iron	57-2	370.24	365.79	368.64	368.22	0.61	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BS	Instrumnet Name :	P8
Client Sample ID :	LCS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:52:31	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.88	1.77	1.87	1.84	3.25	ppb
Lead	207-1	1.82	1.78	1.88	1.83	2.76	ppb
Lead	208-1	1.86	1.83	1.85	1.85	0.88	ppb
Lithium	6-1				99		%
Magnesium	24-2	936.83	909.15	919.85	921.94	1.51	ppb
Manganese	55-2	1.88	1.87	1.82	1.85	1.78	ppb
Molybdenum	94-1	11.80	11.99	11.67	11.82	1.37	ppb
Molybdenum	95-1	10.66	10.75	10.23	10.55	2.65	ppb
Molybdenum	96-1	10.39	10.22	10.09	10.23	1.50	ppb
Molybdenum	97-1	10.41	10.24	10.01	10.22	1.97	ppb
Molybdenum	98-1	10.25	10.37	10.30	10.31	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.96	2.01	1.94	3.94	ppb
Phosphorus	31-2	-1.47	0.37	-11.75	-4.28		ppb
Potassium	39-2	853.93	877.32	858.26	863.17	1.44	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	11.13	9.17	10.07	10.12	9.70	ppb
Selenium	77-2	7.03	10.44	9.43	8.97	19.57	ppb
Selenium	78-2	9.49	8.37	8.63	8.83	6.65	ppb
Silicon	28-1	2.49	2.02	2.22	2.25	10.48	ppb
Silver	107-1	1.82	1.86	1.87	1.85	1.56	ppb
Silver	109-1	1.84	1.92	1.84	1.86	2.48	ppb
Sodium	23-2	876.24	859.06	864.49	866.60	1.01	ppb
Strontium	86-1	4.12	3.73	3.59	3.82	7.18	ppb
Strontium	88-1	4.13	4.08	3.97	4.06	2.05	ppb
Sulfur	34-1	-333.87	-538.63	-304.82	-392.44		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	1.77	1.77	1.77	1.77	0.14	ppb
Thallium	205-1	1.85	1.76	1.78	1.80	2.73	ppb
Tin	118-1	0.10	0.12	0.11	0.11	7.28	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BS	Instrumnet Name :	P8
Client Sample ID :	LCS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:52:31	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.02	8.49	8.86	8.79	3.10	ppb
Uranium	238-1	1.61	1.58	1.61	1.60	1.01	ppb
Vanadium	51-2	8.65	8.32	8.55	8.51	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	9.97	9.83	9.31	9.70	3.60	ppb
Zirconium	90-1	1.70	1.73	1.73	1.72	0.97	ppb
Zirconium	91-1	1.79	1.72	1.71	1.74	2.70	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BL	Instrumnet Name :	P8
Client Sample ID :	PBS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.24	-2.10	-2.35	-2.23		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	79.32	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	0.02	0.01	0.01	0.01	46.20	ppb
Barium	137-1	0.00	0.02	0.01	0.01	135.44	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	42.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	5.70	4.99	4.72	5.13	9.85	ppb
Boron	11-1	5.53	5.18	4.97	5.23	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.01	0.04	0.02	134.02	ppb
Cadmium	106-1	1.29	-0.89	0.89	0.43	271.45	ppb
Cadmium	108-1	-0.05	-0.02	-0.11	-0.06		ppb
Calcium	43-1	0.07	-0.72	0.18	-0.15		ppb
Calcium	44-1	-0.10	0.00	-0.39	-0.16		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.05	-0.05	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.04	0.02	0.03	43.25	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				102		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	-0.60	1.15	-0.24	0.11	875.27	ppb
Iron	56-2	-0.05	0.33	0.10	0.12	154.97	ppb
Iron	57-2	-0.02	0.79	0.02	0.27	171.58	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BL	Instrumnet Name :	P8
Client Sample ID :	PBS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	10.90	ppb
Lead	207-1	0.01	0.02	0.00	0.01	91.13	ppb
Lead	208-1	0.02	0.02	0.02	0.02	2.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.05	0.96	0.08	0.33	166.38	ppb
Manganese	55-2	-0.02	0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	163.65	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	18.29	ppb
Molybdenum	96-1	0.01	0.01	0.03	0.02	74.19	ppb
Molybdenum	97-1	0.01	0.02	0.03	0.02	45.52	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.02	42.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-10.88	-26.42	-2.49	-13.26		ppb
Potassium	39-2	1.93	0.06	-0.70	0.43	312.56	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	1.25	1.80	2.06	1.70	24.52	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.30	-0.47	-0.04	-0.27		ppb
Silicon	28-1	-0.01	0.27	-0.10	0.05	349.84	ppb
Silver	107-1	0.03	0.02	0.03	0.03	24.45	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.90	ppb
Sodium	23-2	7.84	9.21	8.27	8.44	8.31	ppb
Strontium	86-1	-0.33	-0.33	-0.09	-0.25		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-163.41	-16.10	-251.10	-143.54		ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.03	0.04	0.03	35.31	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	29.83	ppb
Tin	118-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BL	Instrumnet Name :	P8
Client Sample ID :	PBS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.01	0.04	0.01	156.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	156.36	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	31.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				109		%
Zinc	66-2	-0.10	0.10	0.00	0.00	14710.14	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	71.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BS	Instrumnet Name :	P8
Client Sample ID :	LCS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:58:34	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.94	36.64	36.87	36.48	1.33	ppb
Antimony	121-1	3.63	3.95	3.88	3.82	4.37	ppb
Arsenic	75-2	1.87	1.93	2.13	1.98	6.90	ppb
Barium	135-1	17.43	18.53	18.69	18.22	3.78	ppb
Barium	137-1	17.52	18.95	18.21	18.23	3.92	ppb
Beryllium	9-1	1.86	1.89	1.77	1.84	3.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	28.46	30.70	31.45	30.21	5.16	ppb
Boron	11-1	29.34	32.00	31.94	31.09	4.89	ppb
Bromine	81-1						cps
Cadmium	111-1	2.05	2.02	1.96	2.01	2.24	ppb
Cadmium	106-1	0.45	2.09	0.08	0.88	121.97	ppb
Cadmium	108-1	1.91	1.77	1.60	1.76	8.78	ppb
Calcium	43-1	844.90	841.16	825.06	837.04	1.26	ppb
Calcium	44-1	855.95	839.13	837.90	844.33	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.62	3.38	3.45	3.48	3.65	ppb
Cobalt	59-2	1.88	1.83	1.84	1.85	1.56	ppb
Copper	63-2	3.77	3.91	3.74	3.81	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	378.79	388.45	366.54	377.93	2.91	ppb
Iron	56-2	376.70	380.93	378.23	378.62	0.57	ppb
Iron	57-2	380.16	379.64	359.33	373.05	3.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BS	Instrumnet Name :	P8
Client Sample ID :	LCS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:58:34	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.79	1.73	1.80	1.77	2.16	ppb
Lead	207-1	1.84	1.83	1.80	1.82	1.04	ppb
Lead	208-1	1.77	1.81	1.81	1.80	1.34	ppb
Lithium	6-1				97		%
Magnesium	24-2	906.38	957.28	930.64	931.43	2.73	ppb
Manganese	55-2	1.76	1.95	1.79	1.83	5.51	ppb
Molybdenum	94-1	11.90	11.52	11.95	11.79	2.01	ppb
Molybdenum	95-1	10.47	10.23	10.36	10.35	1.14	ppb
Molybdenum	96-1	10.52	10.36	10.31	10.39	1.04	ppb
Molybdenum	97-1	10.83	9.91	10.44	10.39	4.42	ppb
Molybdenum	98-1	10.39	10.31	10.00	10.23	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	1.90	1.99	1.94	2.51	ppb
Phosphorus	31-2	15.68	8.87	-5.76	6.26	174.82	ppb
Potassium	39-2	885.97	890.73	880.45	885.72	0.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	9.52	11.31	8.74	9.86	13.37	ppb
Selenium	77-2	10.34	11.60	9.04	10.33	12.42	ppb
Selenium	78-2	9.43	9.91	9.93	9.76	2.90	ppb
Silicon	28-1	2.02	1.45	1.59	1.69	17.69	ppb
Silver	107-1	1.88	2.06	1.93	1.95	4.72	ppb
Silver	109-1	1.80	2.00	1.97	1.92	5.70	ppb
Sodium	23-2	893.25	884.42	883.35	887.00	0.61	ppb
Strontium	86-1	4.58	3.98	4.39	4.31	7.12	ppb
Strontium	88-1	4.13	4.06	4.14	4.11	0.96	ppb
Sulfur	34-1	-224.27	-334.17	-216.21	-258.22		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.78	1.68	1.77	1.74	3.09	ppb
Thallium	205-1	1.78	1.74	1.74	1.75	1.31	ppb
Tin	118-1	0.03	0.04	0.06	0.04	36.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BS	Instrumnet Name :	P8
Client Sample ID :	LCS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:58:34	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.82	8.62	8.60	8.68	1.38	ppb
Uranium	238-1	1.63	1.57	1.69	1.63	3.71	ppb
Vanadium	51-2	8.62	8.79	8.53	8.65	1.51	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	9.94	10.70	9.62	10.09	5.47	ppb
Zirconium	90-1	1.84	1.69	1.73	1.75	4.24	ppb
Zirconium	91-1	1.77	1.83	1.74	1.78	2.64	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BL	Instrumnet Name :	P8
Client Sample ID :	PBS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:01:37	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.09	-2.14	-2.11	-2.11		ppb
Antimony	121-1	0.00	0.01	0.02	0.01	109.26	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.00	0.02	0.00	0.00	360.16	ppb
Barium	137-1	0.01	0.00	0.00	0.01	127.85	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	20.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	4.43	4.93	4.54	4.63	5.74	ppb
Boron	11-1	4.72	5.15	4.58	4.82	6.19	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	0.01	0.00		ppb
Cadmium	106-1	-0.42	-0.77	-0.32	-0.50		ppb
Cadmium	108-1	-0.08	-0.08	-0.18	-0.11		ppb
Calcium	43-1	12.17	13.83	12.75	12.92	6.52	ppb
Calcium	44-1	11.70	15.00	13.50	13.40	12.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.07	0.06	0.05	41.52	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	137.65	ppb
Copper	63-2	0.06	0.08	0.06	0.06	21.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	29.64	32.86	33.89	32.13	6.90	ppb
Iron	56-2	33.45	31.86	33.14	32.82	2.57	ppb
Iron	57-2	32.44	31.02	31.43	31.63	2.31	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BL	Instrumnet Name :	P8
Client Sample ID :	PBS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:01:37	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.29	0.30	0.31	0.30	4.02	ppb
Lead	207-1	0.26	0.27	0.27	0.27	3.35	ppb
Lead	208-1	0.27	0.29	0.30	0.28	5.36	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.22	0.21	0.52	0.32	54.93	ppb
Manganese	55-2	0.63	0.58	0.66	0.62	6.48	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	1322.53	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	88.62	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.00	62.09	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	15.38	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	35.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00		ppb
Phosphorus	31-2	-5.22	-8.94	-12.18	-8.78		ppb
Potassium	39-2	5.27	2.03	5.10	4.14	44.06	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	-0.28	1.53	0.84	0.70	131.23	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.63	-0.14	-0.41	-0.40		ppb
Silicon	28-1	-0.12	0.97	0.62	0.49	113.09	ppb
Silver	107-1	0.02	0.03	0.02	0.02	22.37	ppb
Silver	109-1	0.02	0.03	0.03	0.03	6.78	ppb
Sodium	23-2	8.08	6.53	7.61	7.41	10.71	ppb
Strontium	86-1	-0.33	0.30	0.45	0.14	295.82	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	154.67	ppb
Sulfur	34-1	-394.66	221.79	137.98	-11.63		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.02	42.44	ppb
Thallium	205-1	0.02	0.00	0.02	0.01	65.55	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	4495.26	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BL	Instrumnet Name :	P8
Client Sample ID :	PBS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:01:37	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.02	-0.01	0.00	1142.15	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	334.37	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	59.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	-0.09	-0.04	0.01	-0.04		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	989.42	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	145.75	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BS	Instrumnet Name :	P8
Client Sample ID :	LCS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:04:37	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.33	35.35	35.43	35.37	0.16	ppb
Antimony	121-1	3.75	3.74	3.71	3.73	0.54	ppb
Arsenic	75-2	1.91	1.77	1.98	1.88	5.75	ppb
Barium	135-1	18.00	18.50	18.61	18.37	1.77	ppb
Barium	137-1	18.12	18.14	18.31	18.19	0.56	ppb
Beryllium	9-1	1.65	1.76	1.83	1.75	5.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	25.59	28.22	29.43	27.75	7.07	ppb
Boron	11-1	26.78	29.78	30.77	29.11	7.12	ppb
Bromine	81-1						cps
Cadmium	111-1	1.96	2.06	2.13	2.05	4.10	ppb
Cadmium	106-1	2.23	1.02	1.75	1.67	36.67	ppb
Cadmium	108-1	1.56	2.15	1.62	1.78	18.28	ppb
Calcium	43-1	852.06	857.80	844.41	851.42	0.79	ppb
Calcium	44-1	863.88	876.12	850.18	863.39	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.54	3.59	3.50	3.54	1.20	ppb
Cobalt	59-2	1.81	1.84	1.87	1.84	1.63	ppb
Copper	63-2	3.66	3.66	3.70	3.67	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	54-2	367.54	377.92	374.23	373.23	1.41	ppb
Iron	56-2	371.02	369.05	367.85	369.31	0.43	ppb
Iron	57-2	366.57	371.10	370.28	369.32	0.65	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BS	Instrumnet Name :	P8
Client Sample ID :	LCS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:04:37	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.94	1.67	1.74	1.79	7.87	ppb
Lead	207-1	1.87	1.73	1.82	1.81	3.90	ppb
Lead	208-1	1.84	1.69	1.78	1.77	4.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	938.78	918.47	927.43	928.23	1.10	ppb
Manganese	55-2	1.73	1.66	1.78	1.72	3.31	ppb
Molybdenum	94-1	11.65	11.76	11.52	11.64	1.00	ppb
Molybdenum	95-1	10.07	10.16	10.24	10.16	0.83	ppb
Molybdenum	96-1	10.31	10.33	10.22	10.28	0.55	ppb
Molybdenum	97-1	10.07	10.19	10.27	10.18	0.98	ppb
Molybdenum	98-1	10.07	10.31	10.12	10.17	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	1.93	1.83	1.85	3.72	ppb
Phosphorus	31-2	4.99	0.50	13.32	6.27	103.71	ppb
Potassium	39-2	842.58	900.58	853.50	865.55	3.56	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	9.14	11.09	9.96	10.06	9.74	ppb
Selenium	77-2	9.81	11.96	9.06	10.28	14.62	ppb
Selenium	78-2	8.76	8.27	8.62	8.55	2.94	ppb
Silicon	28-1	1.84	2.22	1.94	2.00	9.94	ppb
Silver	107-1	1.90	1.83	1.97	1.90	3.62	ppb
Silver	109-1	1.83	1.92	2.00	1.92	4.50	ppb
Sodium	23-2	879.81	883.75	890.42	884.66	0.61	ppb
Strontium	86-1	3.95	4.09	3.94	3.99	2.06	ppb
Strontium	88-1	4.00	4.08	3.97	4.01	1.40	ppb
Sulfur	34-1	-67.85	-136.35	-223.62	-142.61		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	1.83	1.63	1.72	1.73	5.78	ppb
Thallium	205-1	1.82	1.74	1.78	1.78	2.21	ppb
Tin	118-1	0.05	0.03	0.04	0.04	24.41	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BS	Instrumnet Name :	P8
Client Sample ID :	LCS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:04:37	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.78	9.15	8.61	8.85	3.14	ppb
Uranium	238-1	1.61	1.59	1.64	1.61	1.59	ppb
Vanadium	51-2	8.77	8.73	8.73	8.74	0.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	9.24	8.77	8.73	8.91	3.17	ppb
Zirconium	90-1	1.75	1.68	1.80	1.74	3.39	ppb
Zirconium	91-1	1.75	1.79	1.66	1.74	3.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BL	Instrumnet Name :	P8
Client Sample ID :	PBS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:07:39	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.36	-2.48	-2.31	-2.38		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	107.45	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.02	0.00	0.00	0.01	196.22	ppb
Barium	137-1	0.00	0.01	0.00	0.00	159.74	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	23.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	4.78	4.65	4.31	4.58	5.32	ppb
Boron	11-1	4.86	4.84	4.53	4.74	3.84	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.04	-0.01	0.01	368.02	ppb
Cadmium	106-1	-0.59	1.39	-0.75	0.02	6758.59	ppb
Cadmium	108-1	-0.12	-0.10	-0.11	-0.11		ppb
Calcium	43-1	-0.77	-0.86	-1.10	-0.91		ppb
Calcium	44-1	-0.73	-1.37	-1.18	-1.09		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.02	0.01	0.02	82.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	0.98	-0.30	1.00	0.56	132.06	ppb
Iron	56-2	-0.17	0.02	-0.05	-0.07		ppb
Iron	57-2	-0.22	1.17	0.46	0.47	147.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BL	Instrumnet Name :	P8
Client Sample ID :	PBS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:07:39	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.02	0.02	44.07	ppb
Lead	207-1	0.02	-0.02	0.00	0.00		ppb
Lead	208-1	0.03	0.00	0.01	0.01	86.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.26	0.06	0.28	0.20	59.09	ppb
Manganese	55-2	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	94-1	0.00	0.02	0.00	0.01	112.07	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	48.93	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	35.95	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	37.98	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.00	141.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-11.64	-10.83	-21.98	-14.82		ppb
Potassium	39-2	3.45	4.52	1.14	3.04	56.84	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.31	-0.18	0.92	0.35	157.37	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	0.07	0.27	0.23	63.75	ppb
Silicon	28-1	-0.27	-0.23	-0.11	-0.20		ppb
Silver	107-1	0.03	0.03	0.02	0.03	6.86	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.07	ppb
Sodium	23-2	5.32	4.63	5.98	5.31	12.78	ppb
Strontium	86-1	0.00	0.00	-0.26	-0.09		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-157.60	-123.76	-137.44	-139.60		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.01	0.00	103.69	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	107.91	ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BL	Instrumnet Name :	P8
Client Sample ID :	PBS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:07:39	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.01	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	147.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	-0.14	-0.10	-0.04	-0.09		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	1500.13	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	145.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BS	Instrumnet Name :	P8
Client Sample ID :	LCS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:10:40	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.40	37.38	36.30	37.02	1.70	ppb
Antimony	121-1	3.76	3.71	3.81	3.76	1.29	ppb
Arsenic	75-2	1.75	1.82	1.85	1.81	3.00	ppb
Barium	135-1	18.08	18.35	18.82	18.41	2.03	ppb
Barium	137-1	18.27	18.50	18.74	18.50	1.28	ppb
Beryllium	9-1	1.79	1.73	1.88	1.80	4.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	27.23	27.51	28.74	27.83	2.87	ppb
Boron	11-1	26.60	28.47	30.00	28.36	6.02	ppb
Bromine	81-1						cps
Cadmium	111-1	1.98	1.98	2.01	1.99	0.83	ppb
Cadmium	106-1	1.42	2.19	1.90	1.84	21.08	ppb
Cadmium	108-1	1.68	1.76	1.94	1.79	7.32	ppb
Calcium	43-1	865.21	823.03	858.81	849.02	2.68	ppb
Calcium	44-1	874.32	820.03	866.19	853.51	3.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.54	3.50	3.64	3.56	2.00	ppb
Cobalt	59-2	1.85	1.74	1.90	1.83	4.41	ppb
Copper	63-2	3.65	3.76	3.72	3.71	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				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	54-2	377.58	374.12	376.61	376.10	0.47	ppb
Iron	56-2	375.93	369.41	383.75	376.36	1.91	ppb
Iron	57-2	371.79	372.40	372.87	372.35	0.15	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BS	Instrumnet Name :	P8
Client Sample ID :	LCS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:10:40	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.71	1.83	1.80	1.78	3.64	ppb
Lead	207-1	1.74	1.88	1.77	1.80	3.93	ppb
Lead	208-1	1.72	1.82	1.81	1.79	3.01	ppb
Lithium	6-1				101		%
Magnesium	24-2	938.87	901.67	948.85	929.80	2.67	ppb
Manganese	55-2	1.79	1.89	1.92	1.87	3.84	ppb
Molybdenum	94-1	11.56	11.64	11.34	11.51	1.35	ppb
Molybdenum	95-1	10.04	9.85	10.36	10.08	2.58	ppb
Molybdenum	96-1	10.04	10.09	10.14	10.09	0.51	ppb
Molybdenum	97-1	10.25	10.18	10.17	10.20	0.43	ppb
Molybdenum	98-1	9.76	9.99	10.02	9.92	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.86	1.94	1.91	2.59	ppb
Phosphorus	31-2	-1.37	3.71	-7.10	-1.59		ppb
Potassium	39-2	866.44	860.78	868.83	865.35	0.48	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	10.06	10.19	9.44	9.90	4.01	ppb
Selenium	77-2	9.38	7.04	8.48	8.30	14.20	ppb
Selenium	78-2	8.84	9.45	9.38	9.22	3.63	ppb
Silicon	28-1	2.22	1.24	2.10	1.86	28.85	ppb
Silver	107-1	1.83	2.01	1.98	1.94	4.95	ppb
Silver	109-1	1.84	1.99	2.01	1.95	4.85	ppb
Sodium	23-2	891.99	896.21	886.72	891.64	0.53	ppb
Strontium	86-1	3.91	4.05	3.70	3.89	4.51	ppb
Strontium	88-1	3.95	4.13	4.09	4.06	2.35	ppb
Sulfur	34-1	-14.41	-326.30	-26.60	-122.44		ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	1.69	1.80	1.77	1.75	3.19	ppb
Thallium	205-1	1.72	1.79	1.75	1.75	1.91	ppb
Tin	118-1	0.06	0.08	0.06	0.07	11.39	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BS	Instrumnet Name :	P8
Client Sample ID :	LCS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:10:40	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.71	8.51	8.39	8.54	1.89	ppb
Uranium	238-1	1.66	1.70	1.65	1.67	1.70	ppb
Vanadium	51-2	8.65	8.68	8.73	8.69	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	9.41	9.68	9.26	9.45	2.27	ppb
Zirconium	90-1	1.73	1.73	1.81	1.76	2.49	ppb
Zirconium	91-1	1.75	1.70	1.73	1.73	1.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BL	Instrumnet Name :	P8
Client Sample ID :	PBW729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:13:43	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.44	-2.28	-2.36	-2.36		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	156.50	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	0.01	0.00	0.00	0.00	94.94	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	65.64	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	4.38	4.11	4.14	4.21	3.50	ppb
Boron	11-1	4.52	4.29	4.18	4.33	4.02	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.05	-0.01	0.02	174.70	ppb
Cadmium	106-1	0.03	1.79	-0.60	0.41	303.23	ppb
Cadmium	108-1	-0.10	-0.14	-0.16	-0.14		ppb
Calcium	43-1	0.00	-0.58	-0.19	-0.26		ppb
Calcium	44-1	-0.60	-0.85	-0.97	-0.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.05	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.02	0.01	0.02	77.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	0.32	-0.29	0.72	0.25	204.83	ppb
Iron	56-2	-0.11	-0.09	-0.13	-0.11		ppb
Iron	57-2	0.08	1.01	-0.11	0.32	183.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BL	Instrumnet Name :	P8
Client Sample ID :	PBW729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:13:43	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	49.91	ppb
Lead	207-1	0.00	0.01	0.01	0.01	93.66	ppb
Lead	208-1	0.01	0.01	0.02	0.02	16.64	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.03	-0.20	-0.10	-0.11		ppb
Manganese	55-2	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00	2195.23	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	154.94	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	729.09	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	74.16	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	484.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-21.75	-10.25	-7.26	-13.09		ppb
Potassium	39-2	1.42	0.96	4.76	2.38	87.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	1.11	-0.03	1.09	0.72	90.24	ppb
Selenium	77-2	0.43	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	-0.06	-0.19	-0.07	-0.11		ppb
Silicon	28-1	-0.29	0.12	0.07	-0.03		ppb
Silver	107-1	0.03	0.02	0.02	0.02	20.59	ppb
Silver	109-1	0.03	0.02	0.02	0.03	6.32	ppb
Sodium	23-2	4.00	3.32	3.92	3.75	9.86	ppb
Strontium	86-1	-0.03	-0.11	-0.02	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	135.61	ppb
Sulfur	34-1	-59.87	-62.20	-8.87	-43.65		ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.02	-0.03	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BL	Instrumnet Name :	P8
Client Sample ID :	PBW729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:13:43	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.05	0.05	0.04	27.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	3373.39	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	910.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	-0.05	-0.03	-0.01	-0.03		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	203.76	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BS	Instrumnet Name :	P8
Client Sample ID :	LCS729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:16:43	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.01	37.08	35.88	36.32	1.81	ppb
Antimony	121-1	3.50	3.86	3.68	3.68	4.79	ppb
Arsenic	75-2	1.95	1.82	1.98	1.92	4.56	ppb
Barium	135-1	17.88	18.87	18.36	18.37	2.71	ppb
Barium	137-1	18.19	18.52	18.91	18.54	1.95	ppb
Beryllium	9-1	1.82	1.64	1.76	1.74	5.15	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	27.15	26.09	28.25	27.16	3.97	ppb
Boron	11-1	28.19	26.49	28.06	27.58	3.44	ppb
Bromine	81-1						cps
Cadmium	111-1	2.01	2.04	2.08	2.04	1.68	ppb
Cadmium	106-1	0.77	2.01	2.02	1.60	44.79	ppb
Cadmium	108-1	1.87	2.24	2.16	2.09	9.19	ppb
Calcium	43-1	904.22	866.33	860.40	876.98	2.71	ppb
Calcium	44-1	913.06	874.42	869.47	885.65	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.67	3.71	3.47	3.62	3.63	ppb
Cobalt	59-2	1.92	1.90	1.88	1.90	0.90	ppb
Copper	63-2	3.74	3.83	3.84	3.80	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	381.94	384.26	373.72	379.97	1.46	ppb
Iron	56-2	380.22	387.62	377.03	381.62	1.42	ppb
Iron	57-2	382.10	380.64	374.71	379.15	1.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BS	Instrumnet Name :	P8
Client Sample ID :	LCS729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:16:43	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.78	1.89	1.82	1.83	3.08	ppb
Lead	207-1	1.79	1.90	1.78	1.82	3.65	ppb
Lead	208-1	1.79	1.84	1.83	1.82	1.47	ppb
Lithium	6-1				105		%
Magnesium	24-2	937.98	968.92	961.69	956.20	1.69	ppb
Manganese	55-2	1.81	1.84	1.78	1.81	1.49	ppb
Molybdenum	94-1	12.03	12.04	12.49	12.19	2.16	ppb
Molybdenum	95-1	10.71	10.64	10.60	10.65	0.53	ppb
Molybdenum	96-1	10.56	10.65	10.37	10.53	1.35	ppb
Molybdenum	97-1	10.56	10.79	10.92	10.76	1.68	ppb
Molybdenum	98-1	10.53	10.38	10.79	10.56	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.05	1.84	1.96	5.59	ppb
Phosphorus	31-2	2.08	8.25	-6.72	1.21	623.99	ppb
Potassium	39-2	884.05	880.28	876.46	880.27	0.43	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	9.86	9.97	8.74	9.52	7.14	ppb
Selenium	77-2	9.47	9.83	9.40	9.57	2.42	ppb
Selenium	78-2	8.83	9.19	8.69	8.90	2.88	ppb
Silicon	28-1	2.66	2.21	2.03	2.30	14.11	ppb
Silver	107-1	1.89	2.04	2.01	1.98	4.09	ppb
Silver	109-1	1.93	2.01	1.99	1.98	1.94	ppb
Sodium	23-2	923.52	917.07	900.29	913.62	1.31	ppb
Strontium	86-1	4.28	4.04	4.00	4.11	3.65	ppb
Strontium	88-1	4.18	4.19	4.24	4.20	0.72	ppb
Sulfur	34-1	252.83	-89.74	-147.31	5.26	4114.27	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	1.85	1.84	1.80	1.83	1.27	ppb
Thallium	205-1	1.74	1.89	1.77	1.80	4.28	ppb
Tin	118-1	0.06	0.07	0.08	0.07	15.93	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BS	Instrumnet Name :	P8
Client Sample ID :	LCS729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:16:43	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.10	8.90	8.79	8.93	1.75	ppb
Uranium	238-1	1.63	1.76	1.61	1.67	4.93	ppb
Vanadium	51-2	8.77	9.06	8.89	8.91	1.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	9.73	9.63	8.98	9.45	4.32	ppb
Zirconium	90-1	1.82	1.83	1.82	1.82	0.39	ppb
Zirconium	91-1	1.73	1.74	1.72	1.73	0.63	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:19:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23797.94	23574.98	23340.89	23571.27	0.97	ppb
Antimony	121-1	6.36	6.25	6.42	6.34	1.39	ppb
Arsenic	75-2	39.18	39.03	37.63	38.62	2.22	ppb
Barium	135-1	716.22	701.48	744.11	720.60	3.00	ppb
Barium	137-1	686.52	696.17	729.64	704.11	3.21	ppb
Beryllium	9-1	1.96	1.88	1.93	1.92	2.05	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	27.56	27.96	29.40	28.31	3.42	ppb
Boron	11-1	28.80	28.79	30.38	29.32	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	10.03	9.79	9.91	9.91	1.23	ppb
Cadmium	106-1	13.22	11.12	11.84	12.06	8.86	ppb
Cadmium	108-1	12.07	12.33	11.21	11.87	4.94	ppb
Calcium	43-1	144477.72	145655.64	145759.22	145297.53	0.49	ppb
Calcium	44-1	144933.10	148635.99	146412.84	146660.65	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.59	57.01	54.95	56.52	2.46	ppb
Cobalt	59-2	21.28	21.62	21.05	21.31	1.35	ppb
Copper	63-2	166.66	161.37	159.68	162.57	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				110		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	54-2	84725.79	86594.62	82100.11	84473.50	2.67	ppb
Iron	56-2	85300.00	86085.84	85462.67	85616.17	0.48	ppb
Iron	57-2	86454.17	86787.04	83523.76	85588.32	2.10	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:19:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	842.36	870.23	868.70	860.43	1.82	ppb
Lead	207-1	835.58	842.36	844.97	840.97	0.58	ppb
Lead	208-1	853.67	850.25	855.71	853.21	0.32	ppb
Lithium	6-1				107		%
Magnesium	24-2	14036.49	14165.73	13653.67	13951.96	1.91	ppb
Manganese	55-2	1324.79	1365.20	1348.58	1346.19	1.51	ppb
Molybdenum	94-1	7.75	7.91	7.72	7.79	1.27	ppb
Molybdenum	95-1	6.20	6.16	6.15	6.17	0.42	ppb
Molybdenum	96-1	8.61	8.29	8.04	8.31	3.47	ppb
Molybdenum	97-1	6.39	6.38	5.82	6.19	5.25	ppb
Molybdenum	98-1	6.11	6.14	5.78	6.01	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.83	57.25	56.48	57.19	1.19	ppb
Phosphorus	31-2	7740.53	7684.14	7777.36	7734.01	0.61	ppb
Potassium	39-2	9485.44	9491.14	9166.12	9380.90	1.98	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	4.52	4.77	4.51	4.60	3.20	ppb
Selenium	77-2	36.70	45.07	40.58	40.78	10.27	ppb
Selenium	78-2	10.28	10.09	10.03	10.13	1.31	ppb
Silicon	28-1	133.47	134.48	140.64	136.20	2.85	ppb
Silver	107-1	2.42	2.36	2.41	2.40	1.39	ppb
Silver	109-1	2.46	2.31	2.31	2.36	3.70	ppb
Sodium	23-2	650.39	636.77	630.72	639.29	1.58	ppb
Strontium	86-1	592.36	592.81	586.68	590.62	0.58	ppb
Strontium	88-1	595.94	591.61	598.91	595.49	0.62	ppb
Sulfur	34-1	2556.01	2861.91	3078.63	2832.18	9.27	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.81	0.85	0.85	0.84	3.03	ppb
Thallium	205-1	0.74	0.86	0.85	0.82	8.28	ppb
Tin	118-1	23.68	23.08	23.11	23.29	1.45	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:19:45	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	456.75	452.22	452.62	453.86	0.55	ppb
Uranium	238-1	5.43	5.34	5.39	5.39	0.87	ppb
Vanadium	51-2	159.83	162.34	155.71	159.30	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				118		%
Zinc	66-2	1249.33	1258.81	1208.76	1238.97	2.15	ppb
Zirconium	90-1	1.43	1.53	1.40	1.45	4.79	ppb
Zirconium	91-1	1.45	1.49	1.43	1.46	2.20	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q12D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:22:39	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23875.12	25542.84	24205.12	24541.03	3.60	ppb
Antimony	121-1	6.59	6.47	6.42	6.49	1.37	ppb
Arsenic	75-2	40.95	41.18	41.07	41.07	0.27	ppb
Barium	135-1	765.67	760.64	754.84	760.38	0.71	ppb
Barium	137-1	765.16	767.70	770.95	767.93	0.38	ppb
Beryllium	9-1	2.05	2.08	2.04	2.06	1.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	28.84	31.51	30.40	30.25	4.43	ppb
Boron	11-1	29.46	32.23	32.90	31.53	5.78	ppb
Bromine	81-1						cps
Cadmium	111-1	10.31	10.63	10.47	10.47	1.55	ppb
Cadmium	106-1	11.12	9.41	11.60	10.71	10.74	ppb
Cadmium	108-1	9.79	9.28	9.75	9.61	2.96	ppb
Calcium	43-1	146966.54	153120.01	149742.49	149943.02	2.06	ppb
Calcium	44-1	145822.61	152171.85	149490.29	149161.59	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.87	59.99	61.45	60.44	1.46	ppb
Cobalt	59-2	22.16	22.57	22.51	22.41	1.00	ppb
Copper	63-2	163.79	169.25	170.29	167.78	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	87975.69	91546.57	90191.20	89904.49	2.01	ppb
Iron	56-2	88854.38	92906.42	88908.34	90223.05	2.58	ppb
Iron	57-2	86604.27	91314.24	91295.62	89738.04	3.02	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q12D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:22:39	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	874.90	842.36	870.42	862.56	2.04	ppb
Lead	207-1	865.83	822.48	853.63	847.31	2.64	ppb
Lead	208-1	880.06	845.25	852.09	859.14	2.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	14436.03	14821.74	15104.95	14787.57	2.27	ppb
Manganese	55-2	1339.68	1381.61	1331.23	1350.84	2.00	ppb
Molybdenum	94-1	8.18	8.35	8.39	8.31	1.34	ppb
Molybdenum	95-1	6.29	6.34	6.28	6.31	0.53	ppb
Molybdenum	96-1	8.48	8.26	8.35	8.37	1.28	ppb
Molybdenum	97-1	6.29	6.16	6.13	6.20	1.35	ppb
Molybdenum	98-1	6.21	6.54	5.97	6.24	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.98	54.47	54.29	53.91	1.52	ppb
Phosphorus	31-2	7819.88	8708.84	8205.13	8244.62	5.41	ppb
Potassium	39-2	9475.98	9766.48	9662.68	9635.04	1.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	6.00	5.84	5.31	5.72	6.30	ppb
Selenium	77-2	38.19	44.20	47.51	43.30	10.91	ppb
Selenium	78-2	11.08	9.65	10.47	10.40	6.87	ppb
Silicon	28-1	147.63	156.56	148.64	150.94	3.24	ppb
Silver	107-1	2.38	2.40	2.45	2.41	1.62	ppb
Silver	109-1	2.21	2.52	2.30	2.34	6.73	ppb
Sodium	23-2	687.63	693.55	700.07	693.75	0.90	ppb
Strontium	86-1	615.50	620.05	599.54	611.70	1.76	ppb
Strontium	88-1	624.81	622.89	601.49	616.40	2.10	ppb
Sulfur	34-1	3015.80	3517.31	3244.79	3259.30	7.70	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.88	0.81	0.83	0.84	4.13	ppb
Thallium	205-1	0.80	0.77	0.85	0.80	5.30	ppb
Tin	118-1	27.27	27.37	27.78	27.47	0.98	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q12D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:22:39	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	486.93	503.56	483.34	491.28	2.20	ppb
Uranium	238-1	5.81	5.63	5.75	5.73	1.65	ppb
Vanadium	51-2	164.19	171.13	169.37	168.23	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				116		%
Zinc	66-2	1271.98	1312.08	1297.49	1293.85	1.57	ppb
Zirconium	90-1	1.54	1.52	1.50	1.52	1.36	ppb
Zirconium	91-1	1.60	1.61	1.48	1.56	4.72	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q12L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:25:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4570.04	4569.68	4611.69	4583.80	0.53	ppb
Antimony	121-1	1.24	1.29	1.23	1.25	2.72	ppb
Arsenic	75-2	8.07	7.82	8.20	8.03	2.41	ppb
Barium	135-1	145.94	146.86	142.31	145.04	1.66	ppb
Barium	137-1	148.15	146.87	139.22	144.75	3.34	ppb
Beryllium	9-1	0.41	0.44	0.39	0.41	6.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	10-1	8.88	9.40	8.64	8.98	4.32	ppb
Boron	11-1	9.11	9.56	8.76	9.15	4.38	ppb
Bromine	81-1						cps
Cadmium	111-1	1.99	2.09	1.90	1.99	4.62	ppb
Cadmium	106-1	1.93	3.19	0.98	2.03	54.63	ppb
Cadmium	108-1	2.40	2.35	2.53	2.43	3.80	ppb
Calcium	43-1	30042.14	30235.26	29883.32	30053.57	0.59	ppb
Calcium	44-1	29583.47	30170.81	29605.48	29786.59	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.75	11.67	11.58	11.67	0.72	ppb
Cobalt	59-2	4.42	4.46	4.40	4.43	0.72	ppb
Copper	63-2	34.31	34.68	33.76	34.25	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				104		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	17456.30	17735.65	17739.27	17643.74	0.92	ppb
Iron	56-2	17539.37	17396.55	17147.64	17361.19	1.14	ppb
Iron	57-2	17197.37	17097.77	16652.94	16982.69	1.71	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q12L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:25:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	174.50	167.31	167.72	169.84	2.38	ppb
Lead	207-1	162.90	164.54	164.67	164.04	0.60	ppb
Lead	208-1	171.06	165.44	168.65	168.38	1.67	ppb
Lithium	6-1				103		%
Magnesium	24-2	2827.83	2775.75	2778.96	2794.18	1.04	ppb
Manganese	55-2	262.79	260.27	268.89	263.98	1.68	ppb
Molybdenum	94-1	2.08	1.59	1.51	1.72	18.13	ppb
Molybdenum	95-1	1.26	1.28	1.25	1.26	1.03	ppb
Molybdenum	96-1	1.71	1.75	1.73	1.73	1.08	ppb
Molybdenum	97-1	1.26	1.34	1.30	1.30	3.10	ppb
Molybdenum	98-1	1.27	1.26	1.31	1.28	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.82	11.57	11.90	11.76	1.50	ppb
Phosphorus	31-2	1580.13	1502.83	1483.11	1522.02	3.37	ppb
Potassium	39-2	1825.23	1842.62	1824.74	1830.86	0.56	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	2.38	0.81	1.95	1.72	47.23	ppb
Selenium	77-2	11.22	8.06	7.42	8.90	22.84	ppb
Selenium	78-2	1.68	1.46	1.31	1.48	12.71	ppb
Silicon	28-1	28.12	27.67	26.48	27.42	3.08	ppb
Silver	107-1	0.48	0.51	0.48	0.49	3.91	ppb
Silver	109-1	0.49	0.48	0.46	0.47	2.91	ppb
Sodium	23-2	143.69	140.27	142.58	142.18	1.23	ppb
Strontium	86-1	127.97	124.59	126.09	126.22	1.34	ppb
Strontium	88-1	127.04	121.40	124.31	124.25	2.27	ppb
Sulfur	34-1	452.93	492.97	455.99	467.30	4.77	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.19	0.16	0.19	0.18	8.65	ppb
Thallium	205-1	0.20	0.19	0.18	0.19	6.03	ppb
Tin	118-1	4.77	4.77	4.69	4.74	0.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q12L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:25:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	92.38	91.80	91.74	91.97	0.38	ppb
Uranium	238-1	1.11	1.07	1.07	1.08	2.10	ppb
Vanadium	51-2	33.08	31.83	32.09	32.33	2.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	263.08	254.36	258.84	258.76	1.69	ppb
Zirconium	90-1	0.27	0.28	0.27	0.27	2.17	ppb
Zirconium	91-1	0.24	0.27	0.27	0.26	6.69	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q12S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:28:28	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22604.60	22307.97	22344.34	22418.97	0.72	ppb
Antimony	121-1	25.29	24.81	25.03	25.04	0.96	ppb
Arsenic	75-2	46.05	44.78	44.92	45.25	1.54	ppb
Barium	135-1	1098.11	1068.57	1105.59	1090.76	1.79	ppb
Barium	137-1	1080.93	1040.19	1062.52	1061.22	1.92	ppb
Beryllium	9-1	11.98	11.37	11.21	11.52	3.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	26.57	25.85	26.54	26.32	1.54	ppb
Boron	11-1	27.17	27.11	27.02	27.10	0.28	ppb
Bromine	81-1						cps
Cadmium	111-1	20.62	19.24	20.62	20.16	3.96	ppb
Cadmium	106-1	20.18	17.76	18.35	18.76	6.74	ppb
Cadmium	108-1	16.93	16.68	17.30	16.97	1.86	ppb
Calcium	43-1	137773.84	141104.25	143290.88	140722.99	1.97	ppb
Calcium	44-1	140302.65	137395.04	140981.19	139559.63	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.59	91.22	92.03	91.61	0.45	ppb
Cobalt	59-2	119.95	119.06	119.79	119.60	0.39	ppb
Copper	63-2	200.31	197.82	198.55	198.90	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	76979.55	79155.57	77842.27	77992.46	1.40	ppb
Iron	56-2	78848.20	79194.67	78606.83	78883.24	0.37	ppb
Iron	57-2	79745.85	78165.78	80355.01	79422.21	1.42	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q12S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:28:28	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	800.73	851.99	843.08	831.93	3.29	ppb
Lead	207-1	811.70	832.87	824.85	823.14	1.30	ppb
Lead	208-1	803.71	828.06	815.90	815.89	1.49	ppb
Lithium	6-1				109		%
Magnesium	24-2	13166.84	13317.05	13465.03	13316.31	1.12	ppb
Manganese	55-2	1344.41	1369.87	1326.44	1346.91	1.62	ppb
Molybdenum	94-1	15.43	15.85	15.88	15.72	1.60	ppb
Molybdenum	95-1	15.49	15.23	15.69	15.47	1.50	ppb
Molybdenum	96-1	17.07	17.60	16.61	17.10	2.91	ppb
Molybdenum	97-1	15.45	15.69	15.49	15.54	0.83	ppb
Molybdenum	98-1	15.21	15.53	15.46	15.40	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.08	148.42	150.93	147.81	2.35	ppb
Phosphorus	31-2	7358.15	7606.36	7564.32	7509.61	1.77	ppb
Potassium	39-2	8957.05	8949.09	8739.70	8881.95	1.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	24.31	23.08	23.76	23.71	2.59	ppb
Selenium	77-2	63.08	55.64	59.96	59.56	6.27	ppb
Selenium	78-2	28.55	26.89	29.08	28.17	4.06	ppb
Silicon	28-1	152.46	147.22	148.46	149.38	1.83	ppb
Silver	107-1	12.39	12.55	12.79	12.58	1.57	ppb
Silver	109-1	12.94	12.34	12.83	12.70	2.52	ppb
Sodium	23-2	618.32	628.16	631.56	626.01	1.10	ppb
Strontium	86-1	608.32	592.43	603.98	601.58	1.37	ppb
Strontium	88-1	591.48	586.35	570.91	582.91	1.84	ppb
Sulfur	34-1	2691.69	2696.16	2702.01	2696.62	0.19	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	9.44	10.18	9.62	9.75	3.96	ppb
Thallium	205-1	9.67	10.58	10.40	10.21	4.72	ppb
Tin	118-1	22.10	22.09	22.76	22.32	1.73	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q12S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:28:28	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	429.11	437.42	440.13	435.55	1.32	ppb
Uranium	238-1	5.25	5.63	5.53	5.47	3.58	ppb
Vanadium	51-2	239.11	244.43	245.61	243.05	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				118		%
Zinc	66-2	1259.55	1254.86	1274.35	1262.92	0.81	ppb
Zirconium	90-1	1.53	1.65	1.56	1.58	3.81	ppb
Zirconium	91-1	1.64	1.64	1.60	1.63	1.51	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:31:23	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23234.53	22889.57	23903.11	23342.40	2.21	ppb
Antimony	121-1	6.34	6.60	6.90	6.61	4.30	ppb
Arsenic	75-2	37.19	36.51	36.19	36.63	1.39	ppb
Barium	135-1	823.94	817.70	884.89	842.18	4.41	ppb
Barium	137-1	820.48	826.60	886.71	844.60	4.33	ppb
Beryllium	9-1	2.02	1.89	1.98	1.96	3.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	25.25	25.04	26.92	25.74	3.99	ppb
Boron	11-1	26.34	25.87	27.86	26.69	3.91	ppb
Bromine	81-1						cps
Cadmium	111-1	12.18	12.84	13.45	12.82	4.97	ppb
Cadmium	106-1	11.46	12.85	13.42	12.58	8.04	ppb
Cadmium	108-1	11.71	11.65	11.91	11.76	1.13	ppb
Calcium	43-1	160063.16	153791.08	159250.33	157701.52	2.16	ppb
Calcium	44-1	157122.25	156303.58	162115.00	158513.61	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.67	52.76	52.44	52.63	0.31	ppb
Cobalt	59-2	22.22	22.18	22.48	22.29	0.73	ppb
Copper	63-2	208.88	206.56	208.64	208.02	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				113		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	71883.23	75490.21	71587.51	72986.98	2.98	ppb
Iron	56-2	74986.12	74124.13	76037.07	75049.11	1.28	ppb
Iron	57-2	73394.67	74598.71	74942.34	74311.91	1.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:31:23	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1267.89	1206.27	1182.03	1218.73	3.63	ppb
Lead	207-1	1243.30	1156.93	1157.63	1185.95	4.19	ppb
Lead	208-1	1235.50	1186.84	1151.73	1191.35	3.53	ppb
Lithium	6-1				107		%
Magnesium	24-2	13663.36	13595.68	13648.42	13635.82	0.26	ppb
Manganese	55-2	1382.79	1421.09	1392.78	1398.88	1.42	ppb
Molybdenum	94-1	8.47	8.59	8.31	8.46	1.66	ppb
Molybdenum	95-1	6.32	6.40	6.35	6.36	0.68	ppb
Molybdenum	96-1	8.05	8.34	7.92	8.10	2.69	ppb
Molybdenum	97-1	6.46	6.41	6.47	6.45	0.48	ppb
Molybdenum	98-1	6.28	6.31	6.20	6.27	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.60	53.62	53.23	53.49	0.41	ppb
Phosphorus	31-2	9687.67	9804.36	9969.02	9820.35	1.44	ppb
Potassium	39-2	7832.26	7814.52	7917.76	7854.85	0.70	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	5.91	4.28	5.64	5.28	16.62	ppb
Selenium	77-2	45.00	35.81	36.77	39.20	12.89	ppb
Selenium	78-2	8.84	9.24	8.53	8.87	4.00	ppb
Silicon	28-1	194.03	186.27	196.59	192.30	2.80	ppb
Silver	107-1	2.78	2.89	3.04	2.90	4.58	ppb
Silver	109-1	2.85	2.90	2.98	2.91	2.31	ppb
Sodium	23-2	822.79	843.09	830.55	832.14	1.23	ppb
Strontium	86-1	665.78	704.69	676.46	682.31	2.95	ppb
Strontium	88-1	666.53	685.43	692.40	681.45	1.96	ppb
Sulfur	34-1	2736.24	2696.16	2947.64	2793.35	4.84	ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.74	0.74	0.74	0.74	0.46	ppb
Thallium	205-1	0.74	0.80	0.75	0.76	4.19	ppb
Tin	118-1	29.83	30.38	31.19	30.47	2.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:31:23	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	394.65	399.81	413.21	402.56	2.38	ppb
Uranium	238-1	6.55	6.85	6.58	6.66	2.51	ppb
Vanadium	51-2	135.16	136.87	137.69	136.57	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				121		%
Zinc	66-2	1646.64	1653.30	1634.61	1644.85	0.58	ppb
Zirconium	90-1	1.65	1.69	1.65	1.66	1.22	ppb
Zirconium	91-1	1.64	1.71	1.62	1.66	2.93	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q13D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:34:17	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24555.43	24556.11	23892.13	24334.56	1.57	ppb
Antimony	121-1	7.50	7.62	7.54	7.55	0.79	ppb
Arsenic	75-2	39.97	37.50	37.79	38.42	3.51	ppb
Barium	135-1	880.40	849.89	863.09	864.46	1.77	ppb
Barium	137-1	855.03	854.79	845.52	851.78	0.64	ppb
Beryllium	9-1	1.99	1.99	2.08	2.02	2.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Boron	10-1	26.40	25.24	27.47	26.37	4.23	ppb
Boron	11-1	25.51	26.14	27.45	26.37	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	13.18	13.16	12.95	13.10	0.99	ppb
Cadmium	106-1	13.93	12.81	11.31	12.68	10.35	ppb
Cadmium	108-1	12.99	12.97	11.74	12.57	5.71	ppb
Calcium	43-1	165471.20	166491.57	175689.85	169217.54	3.33	ppb
Calcium	44-1	166408.66	164042.78	173539.70	167997.05	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.47	54.66	53.43	54.19	1.22	ppb
Cobalt	59-2	21.88	22.18	21.87	21.98	0.80	ppb
Copper	63-2	213.55	217.54	212.64	214.58	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				112		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	77898.00	78026.22	75990.60	77304.94	1.47	ppb
Iron	56-2	79112.00	77510.09	78761.54	78461.21	1.07	ppb
Iron	57-2	78009.20	79364.26	76031.20	77801.55	2.15	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q13D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:34:17	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1146.31	1129.58	1199.29	1158.39	3.14	ppb
Lead	207-1	1109.66	1090.28	1189.56	1129.83	4.66	ppb
Lead	208-1	1138.39	1130.67	1200.91	1156.66	3.33	ppb
Lithium	6-1				107		%
Magnesium	24-2	14158.16	13857.21	13834.85	13950.07	1.29	ppb
Manganese	55-2	1431.57	1417.68	1435.05	1428.10	0.64	ppb
Molybdenum	94-1	8.81	8.48	8.68	8.66	1.93	ppb
Molybdenum	95-1	6.53	6.43	6.53	6.49	0.91	ppb
Molybdenum	96-1	8.25	8.44	8.45	8.38	1.31	ppb
Molybdenum	97-1	6.62	6.33	6.54	6.50	2.32	ppb
Molybdenum	98-1	6.63	6.25	6.55	6.48	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.84	59.30	58.34	59.16	1.29	ppb
Phosphorus	31-2	10027.41	10198.87	9804.31	10010.20	1.98	ppb
Potassium	39-2	8264.30	8039.57	8070.00	8124.62	1.50	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	82-1	5.44	5.90	5.90	5.75	4.63	ppb
Selenium	77-2	42.59	45.17	35.00	40.92	12.92	ppb
Selenium	78-2	10.61	8.79	8.31	9.24	13.10	ppb
Silicon	28-1	190.04	185.97	194.65	190.22	2.28	ppb
Silver	107-1	2.93	2.98	2.95	2.95	0.93	ppb
Silver	109-1	2.94	3.12	2.96	3.01	3.29	ppb
Sodium	23-2	864.93	842.58	855.70	854.41	1.31	ppb
Strontium	86-1	711.87	688.60	715.18	705.21	2.05	ppb
Strontium	88-1	691.59	681.83	700.05	691.15	1.32	ppb
Sulfur	34-1	3275.63	3266.01	3435.24	3325.63	2.86	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.75	0.76	0.73	0.74	2.28	ppb
Thallium	205-1	0.72	0.73	0.76	0.74	2.66	ppb
Tin	118-1	27.65	28.23	26.98	27.62	2.26	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q13D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:34:17	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	425.27	428.24	425.62	426.37	0.38	ppb
Uranium	238-1	6.45	6.92	6.84	6.73	3.73	ppb
Vanadium	51-2	143.21	140.44	140.29	141.31	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				119		%
Zinc	66-2	1716.75	1708.18	1685.82	1703.58	0.94	ppb
Zirconium	90-1	1.68	1.65	1.68	1.67	0.95	ppb
Zirconium	91-1	1.68	1.61	1.74	1.68	3.86	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q13L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:37:12	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4603.74	4487.35	4532.68	4541.26	1.29	ppb
Antimony	121-1	1.33	1.37	1.32	1.34	1.81	ppb
Arsenic	75-2	7.87	7.95	7.85	7.89	0.71	ppb
Barium	135-1	169.56	175.31	174.91	173.26	1.85	ppb
Barium	137-1	166.31	178.56	180.67	175.18	4.42	ppb
Beryllium	9-1	0.38	0.39	0.39	0.39	1.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	7.73	7.88	7.61	7.74	1.72	ppb
Boron	11-1	8.11	7.86	8.00	7.99	1.56	ppb
Bromine	81-1						cps
Cadmium	111-1	2.59	2.78	2.65	2.67	3.62	ppb
Cadmium	106-1	1.70	3.16	2.55	2.47	29.77	ppb
Cadmium	108-1	2.29	2.10	1.86	2.09	10.38	ppb
Calcium	43-1	31960.47	33314.79	32159.97	32478.41	2.25	ppb
Calcium	44-1	32301.71	33095.85	31465.82	32287.79	2.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.87	10.78	10.60	10.75	1.27	ppb
Cobalt	59-2	4.71	4.60	4.48	4.59	2.43	ppb
Copper	63-2	44.42	42.77	43.67	43.62	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	54-2	15682.03	15251.63	14844.27	15259.31	2.75	ppb
Iron	56-2	15365.08	15044.01	15081.58	15163.56	1.16	ppb
Iron	57-2	14802.69	14747.38	14783.35	14777.81	0.19	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q13L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:37:12	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	255.65	251.98	248.54	252.05	1.41	ppb
Lead	207-1	240.90	238.38	247.12	242.14	1.86	ppb
Lead	208-1	249.20	242.87	244.31	245.46	1.35	ppb
Lithium	6-1				108		%
Magnesium	24-2	2662.33	2704.20	2692.87	2686.47	0.81	ppb
Manganese	55-2	281.62	275.44	281.16	279.41	1.23	ppb
Molybdenum	94-1	1.74	1.72	1.78	1.75	1.76	ppb
Molybdenum	95-1	1.37	1.35	1.46	1.39	3.97	ppb
Molybdenum	96-1	1.73	1.72	1.75	1.73	0.94	ppb
Molybdenum	97-1	1.36	1.37	1.28	1.34	3.75	ppb
Molybdenum	98-1	1.33	1.32	1.30	1.32	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.44	10.77	11.09	11.10	3.05	ppb
Phosphorus	31-2	1973.47	1988.06	2078.38	2013.30	2.82	ppb
Potassium	39-2	1547.91	1533.83	1583.04	1554.93	1.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	1.19	0.69	1.21	1.03	28.96	ppb
Selenium	77-2	8.10	7.44	9.73	8.42	14.00	ppb
Selenium	78-2	1.45	1.83	1.28	1.52	18.48	ppb
Silicon	28-1	38.70	41.78	37.69	39.39	5.41	ppb
Silver	107-1	0.56	0.61	0.64	0.60	6.33	ppb
Silver	109-1	0.62	0.66	0.63	0.64	2.70	ppb
Sodium	23-2	173.15	173.09	178.86	175.03	1.89	ppb
Strontium	86-1	145.00	144.45	146.68	145.38	0.80	ppb
Strontium	88-1	147.28	145.87	145.01	146.05	0.78	ppb
Sulfur	34-1	314.56	294.33	65.65	224.85	61.48	ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	0.17	0.17	0.13	0.16	14.03	ppb
Thallium	205-1	0.17	0.16	0.18	0.17	4.16	ppb
Tin	118-1	6.17	6.37	6.29	6.28	1.54	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q13L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:37:12	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	79.90	82.80	80.85	81.19	1.82	ppb
Uranium	238-1	1.37	1.37	1.32	1.35	2.00	ppb
Vanadium	51-2	27.81	26.99	27.88	27.56	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	351.72	342.95	348.54	347.74	1.28	ppb
Zirconium	90-1	0.32	0.31	0.34	0.32	4.81	ppb
Zirconium	91-1	0.36	0.32	0.34	0.34	7.04	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q13S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:40:06	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23327.28	24136.50	24071.68	23845.15	1.89	ppb
Antimony	121-1	25.62	29.96	25.09	26.89	9.92	ppb
Arsenic	75-2	47.49	46.22	45.33	46.34	2.34	ppb
Barium	135-1	1299.46	1535.72	1229.12	1354.77	11.85	ppb
Barium	137-1	1294.13	1482.57	1214.77	1330.49	10.34	ppb
Beryllium	9-1	12.10	14.07	12.34	12.84	8.36	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	23.00	28.42	24.97	25.46	10.76	ppb
Boron	11-1	23.81	29.51	25.37	26.23	11.23	ppb
Bromine	81-1						cps
Cadmium	111-1	24.37	28.66	23.56	25.53	10.73	ppb
Cadmium	106-1	23.04	28.54	22.02	24.53	14.29	ppb
Cadmium	108-1	20.82	25.77	20.56	22.38	13.12	ppb
Calcium	43-1	160386.89	177168.17	167060.94	168205.33	5.02	ppb
Calcium	44-1	156971.05	186230.59	163692.71	168964.78	9.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.31	95.41	94.07	94.26	1.13	ppb
Cobalt	59-2	121.66	124.33	123.23	123.08	1.09	ppb
Copper	63-2	251.42	260.13	262.28	257.95	2.23	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				105		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	54-2	77085.82	79109.73	77365.63	77853.73	1.41	ppb
Iron	56-2	77975.12	78505.25	75757.17	77412.52	1.88	ppb
Iron	57-2	76015.95	78158.81	78082.03	77418.93	1.57	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q13S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:40:06	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1238.18	1438.12	1219.54	1298.61	9.33	ppb
Lead	207-1	1199.47	1360.94	1186.27	1248.89	7.79	ppb
Lead	208-1	1203.40	1398.82	1192.07	1264.76	9.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	13506.59	13508.91	13617.92	13544.47	0.47	ppb
Manganese	55-2	1512.33	1520.74	1521.26	1518.11	0.33	ppb
Molybdenum	94-1	15.52	18.15	15.21	16.29	9.90	ppb
Molybdenum	95-1	15.04	18.02	15.25	16.10	10.31	ppb
Molybdenum	96-1	16.71	19.54	16.44	17.56	9.76	ppb
Molybdenum	97-1	15.47	18.15	14.87	16.17	10.81	ppb
Molybdenum	98-1	14.86	17.66	14.75	15.76	10.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	149.11	152.82	152.57	151.50	1.37	ppb
Phosphorus	31-2	9768.44	10045.60	9864.78	9892.94	1.42	ppb
Potassium	39-2	7837.07	8047.77	7872.13	7918.99	1.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				110		%
Selenium	82-1	24.48	28.39	22.76	25.21	11.46	ppb
Selenium	77-2	66.81	62.09	44.39	57.77	20.47	ppb
Selenium	78-2	27.57	27.67	27.83	27.69	0.47	ppb
Silicon	28-1	176.90	201.66	174.65	184.40	8.13	ppb
Silver	107-1	13.62	16.22	13.37	14.41	10.96	ppb
Silver	109-1	13.81	16.23	13.15	14.39	11.28	ppb
Sodium	23-2	795.07	799.84	844.77	813.23	3.37	ppb
Strontium	86-1	695.93	813.41	693.41	734.25	9.34	ppb
Strontium	88-1	685.39	818.22	681.91	728.51	10.67	ppb
Sulfur	34-1	2926.15	3947.88	2964.90	3279.64	17.66	ppb
Terbium	159-1				100		%
Terbium	159-2				110		%
Thallium	203-1	9.53	11.15	9.73	10.14	8.70	ppb
Thallium	205-1	9.55	11.09	9.67	10.10	8.50	ppb
Tin	118-1	28.62	34.04	28.03	30.23	10.96	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q13S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:40:06	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	406.46	471.89	406.56	428.30	8.81	ppb
Uranium	238-1	6.65	7.46	6.55	6.89	7.24	ppb
Vanadium	51-2	238.94	241.05	234.43	238.14	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				116		%
Zinc	66-2	1782.52	1799.28	1806.20	1796.00	0.68	ppb
Zirconium	90-1	1.49	1.76	1.56	1.60	8.69	ppb
Zirconium	91-1	1.47	1.89	1.54	1.63	13.76	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:43:01	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37144.10	35596.03	37075.16	36605.10	2.39	ppb
Antimony	121-1	15.95	14.47	14.25	14.89	6.20	ppb
Arsenic	75-2	55.16	57.88	56.59	56.54	2.40	ppb
Barium	135-1	1138.69	1066.85	1037.89	1081.14	4.80	ppb
Barium	137-1	1095.61	1046.48	1008.12	1050.07	4.18	ppb
Beryllium	9-1	3.24	3.29	3.32	3.28	1.25	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	10-1	25.40	27.14	26.74	26.43	3.45	ppb
Boron	11-1	26.44	27.49	27.46	27.13	2.22	ppb
Bromine	81-1						cps
Cadmium	111-1	18.78	17.91	17.28	17.99	4.18	ppb
Cadmium	106-1	18.20	18.57	17.14	17.97	4.12	ppb
Cadmium	108-1	17.56	15.88	16.19	16.54	5.41	ppb
Calcium	43-1	135033.23	128659.02	122049.83	128580.69	5.05	ppb
Calcium	44-1	136497.26	127504.05	124814.68	129605.33	4.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.55	78.84	78.63	78.68	0.19	ppb
Cobalt	59-2	34.91	34.53	35.19	34.88	0.95	ppb
Copper	63-2	322.82	320.14	311.10	318.02	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				107		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	138391.23	135219.96	136705.94	136772.38	1.16	ppb
Iron	56-2	140062.26	135061.71	138169.96	137764.64	1.83	ppb
Iron	57-2	142057.71	135545.02	140075.82	139226.18	2.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:43:01	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1681.93	1670.97	1543.35	1632.08	4.72	ppb
Lead	207-1	1637.25	1591.36	1477.75	1568.79	5.23	ppb
Lead	208-1	1634.78	1591.72	1507.00	1577.83	4.12	ppb
Lithium	6-1				104		%
Magnesium	24-2	17662.48	17348.13	17030.63	17347.08	1.82	ppb
Manganese	55-2	2828.31	2763.99	2817.73	2803.35	1.23	ppb
Molybdenum	94-1	12.67	11.49	11.59	11.92	5.49	ppb
Molybdenum	95-1	7.58	7.02	7.23	7.28	3.89	ppb
Molybdenum	96-1	11.30	10.48	10.34	10.71	4.81	ppb
Molybdenum	97-1	7.67	7.10	7.12	7.30	4.44	ppb
Molybdenum	98-1	7.27	6.96	7.00	7.08	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.05	87.97	88.00	88.34	0.70	ppb
Phosphorus	31-2	7513.49	7631.89	7773.21	7639.53	1.70	ppb
Potassium	39-2	10704.57	10245.89	10521.34	10490.60	2.20	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	5.41	5.42	5.82	5.55	4.17	ppb
Selenium	77-2	49.39	53.25	41.75	48.13	12.16	ppb
Selenium	78-2	10.12	11.79	11.41	11.11	7.87	ppb
Silicon	28-1	202.85	204.59	201.41	202.95	0.78	ppb
Silver	107-1	5.58	5.22	5.05	5.28	5.12	ppb
Silver	109-1	5.64	5.26	5.00	5.30	6.06	ppb
Sodium	23-2	706.51	682.23	677.54	688.76	2.26	ppb
Strontium	86-1	548.98	516.20	532.34	532.51	3.08	ppb
Strontium	88-1	551.19	512.50	501.59	521.76	5.00	ppb
Sulfur	34-1	1734.57	1751.46	1555.19	1680.40	6.47	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	1.11	1.09	1.05	1.09	2.63	ppb
Thallium	205-1	1.12	1.04	1.02	1.06	5.04	ppb
Tin	118-1	45.15	41.97	39.69	42.27	6.48	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:43:01	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	865.47	827.65	783.18	825.44	4.99	ppb
Uranium	238-1	7.93	7.51	7.26	7.57	4.46	ppb
Vanadium	51-2	187.32	184.46	188.48	186.75	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				116		%
Zinc	66-2	3148.69	3167.75	3142.89	3153.11	0.41	ppb
Zirconium	90-1	3.17	2.90	2.96	3.01	4.76	ppb
Zirconium	91-1	3.18	3.08	2.94	3.07	3.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q14D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:45:55	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33182.33	32745.63	33556.50	33161.48	1.22	ppb
Antimony	121-1	14.37	14.39	14.16	14.31	0.92	ppb
Arsenic	75-2	52.43	50.22	51.70	51.45	2.19	ppb
Barium	135-1	1005.75	983.98	988.76	992.83	1.15	ppb
Barium	137-1	983.93	988.36	973.85	982.05	0.76	ppb
Beryllium	9-1	2.94	2.89	2.85	2.89	1.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	23.83	23.42	24.73	23.99	2.79	ppb
Boron	11-1	23.44	24.61	25.08	24.38	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	17.05	16.21	16.80	16.69	2.60	ppb
Cadmium	106-1	17.10	15.42	15.70	16.07	5.59	ppb
Cadmium	108-1	15.37	14.90	15.47	15.24	2.00	ppb
Calcium	43-1	116642.27	118005.67	115844.55	116830.83	0.94	ppb
Calcium	44-1	116464.73	122367.87	114679.02	117837.21	3.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72.84	73.35	74.45	73.55	1.12	ppb
Cobalt	59-2	32.84	32.78	32.93	32.85	0.23	ppb
Copper	63-2	315.26	297.47	311.65	308.13	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	124480.79	125970.56	125691.04	125380.80	0.63	ppb
Iron	56-2	126524.40	125527.52	128182.40	126744.77	1.06	ppb
Iron	57-2	129552.45	126144.59	128434.45	128043.83	1.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q14D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:45:55	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1446.52	1391.09	1484.20	1440.61	3.25	ppb
Lead	207-1	1457.13	1366.82	1432.15	1418.70	3.29	ppb
Lead	208-1	1444.74	1365.45	1442.51	1417.57	3.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	16065.99	16560.08	16150.98	16259.02	1.62	ppb
Manganese	55-2	2551.25	2541.02	2607.25	2566.51	1.39	ppb
Molybdenum	94-1	11.51	11.48	11.42	11.47	0.40	ppb
Molybdenum	95-1	7.92	7.86	8.12	7.97	1.67	ppb
Molybdenum	96-1	10.95	11.17	10.98	11.04	1.07	ppb
Molybdenum	97-1	7.71	8.09	7.86	7.89	2.45	ppb
Molybdenum	98-1	7.64	7.81	7.80	7.75	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.52	81.85	82.87	82.41	0.63	ppb
Phosphorus	31-2	7223.13	7066.76	7224.91	7171.60	1.27	ppb
Potassium	39-2	9409.55	9494.13	9648.80	9517.49	1.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	4.26	4.80	3.58	4.21	14.49	ppb
Selenium	77-2	48.62	45.07	49.31	47.67	4.77	ppb
Selenium	78-2	10.21	10.42	10.50	10.37	1.45	ppb
Silicon	28-1	159.54	167.54	162.81	163.30	2.46	ppb
Silver	107-1	5.16	5.01	5.02	5.06	1.67	ppb
Silver	109-1	5.12	4.98	5.04	5.05	1.41	ppb
Sodium	23-2	625.00	634.62	639.15	632.92	1.14	ppb
Strontium	86-1	491.66	488.96	484.86	488.49	0.70	ppb
Strontium	88-1	481.32	480.28	472.03	477.88	1.07	ppb
Sulfur	34-1	1240.94	1598.23	1169.45	1336.21	17.19	ppb
Terbium	159-1				104		%
Terbium	159-2				110		%
Thallium	203-1	0.93	0.89	1.01	0.94	6.48	ppb
Thallium	205-1	0.99	0.90	0.95	0.94	4.31	ppb
Tin	118-1	43.03	43.39	42.51	42.98	1.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q14D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:45:55	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	679.88	709.73	672.52	687.38	2.87	ppb
Uranium	238-1	7.16	7.05	7.05	7.09	0.87	ppb
Vanadium	51-2	172.81	171.62	175.11	173.18	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				118		%
Zinc	66-2	2879.51	2911.00	2859.09	2883.20	0.91	ppb
Zirconium	90-1	2.57	2.56	2.55	2.56	0.22	ppb
Zirconium	91-1	2.59	2.75	2.62	2.65	3.20	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q14L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:48:51	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6932.39	7058.93	6927.16	6972.82	1.07	ppb
Antimony	121-1	2.95	2.91	3.00	2.95	1.49	ppb
Arsenic	75-2	11.63	11.56	11.05	11.41	2.75	ppb
Barium	135-1	217.68	210.41	215.54	214.54	1.74	ppb
Barium	137-1	209.11	206.69	215.76	210.52	2.23	ppb
Beryllium	9-1	0.61	0.63	0.68	0.64	5.39	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	7.22	7.42	7.86	7.50	4.42	ppb
Boron	11-1	7.89	7.98	8.09	7.99	1.29	ppb
Bromine	81-1						cps
Cadmium	111-1	3.66	3.55	3.57	3.59	1.61	ppb
Cadmium	106-1	4.22	2.40	3.81	3.48	27.52	ppb
Cadmium	108-1	2.69	3.16	3.45	3.10	12.37	ppb
Calcium	43-1	25622.56	24653.11	25093.09	25122.92	1.93	ppb
Calcium	44-1	25025.82	24264.13	24746.23	24678.73	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.77	15.65	15.52	15.65	0.79	ppb
Cobalt	59-2	7.10	7.09	6.97	7.05	1.02	ppb
Copper	63-2	64.54	63.94	64.05	64.18	0.49	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				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	27627.16	27611.52	27612.00	27616.89	0.03	ppb
Iron	56-2	27788.58	27906.32	27118.07	27604.32	1.54	ppb
Iron	57-2	28430.29	28002.89	27266.28	27899.82	2.11	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q14L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:48:51	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	307.84	304.19	308.64	306.89	0.77	ppb
Lead	207-1	297.22	290.42	292.17	293.27	1.20	ppb
Lead	208-1	294.69	291.04	295.78	293.84	0.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	3373.72	3391.86	3420.87	3395.49	0.70	ppb
Manganese	55-2	546.31	549.58	537.67	544.52	1.13	ppb
Molybdenum	94-1	2.43	2.24	2.32	2.33	4.05	ppb
Molybdenum	95-1	1.50	1.44	1.43	1.46	2.72	ppb
Molybdenum	96-1	2.18	2.24	2.12	2.18	2.70	ppb
Molybdenum	97-1	1.57	1.48	1.48	1.51	3.49	ppb
Molybdenum	98-1	1.42	1.43	1.41	1.42	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.03	17.96	17.61	17.87	1.25	ppb
Phosphorus	31-2	1364.27	1454.29	1465.37	1427.98	3.88	ppb
Potassium	39-2	1975.63	1977.43	1992.15	1981.74	0.46	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	2.73	1.77	2.24	2.24	21.50	ppb
Selenium	77-2	13.25	6.20	9.17	9.54	37.09	ppb
Selenium	78-2	1.19	1.98	1.28	1.48	28.91	ppb
Silicon	28-1	37.03	37.85	38.11	37.66	1.50	ppb
Silver	107-1	1.04	1.06	1.13	1.07	4.33	ppb
Silver	109-1	1.05	1.02	1.13	1.07	5.12	ppb
Sodium	23-2	141.10	149.29	141.48	143.95	3.21	ppb
Strontium	86-1	105.98	107.78	107.87	107.21	0.99	ppb
Strontium	88-1	106.78	105.76	108.31	106.95	1.20	ppb
Sulfur	34-1	107.64	-32.55	265.41	113.50	131.34	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.20	0.19	0.20	0.20	2.00	ppb
Thallium	205-1	0.18	0.20	0.21	0.20	6.60	ppb
Tin	118-1	8.01	7.93	8.10	8.02	1.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q14L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:48:51	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	159.91	149.63	155.77	155.10	3.34	ppb
Uranium	238-1	1.40	1.39	1.40	1.40	0.26	ppb
Vanadium	51-2	36.20	36.78	36.28	36.42	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	620.16	626.24	601.75	616.05	2.07	ppb
Zirconium	90-1	0.57	0.59	0.56	0.57	2.37	ppb
Zirconium	91-1	0.58	0.61	0.54	0.58	5.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q14S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:51:44	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36258.34	36136.72	38156.73	36850.60	3.07	ppb
Antimony	121-1	33.96	32.96	33.11	33.34	1.62	ppb
Arsenic	75-2	63.18	64.65	63.57	63.80	1.20	ppb
Barium	135-1	1527.03	1459.79	1465.82	1484.21	2.51	ppb
Barium	137-1	1520.97	1370.22	1485.70	1458.96	5.40	ppb
Beryllium	9-1	13.36	12.90	12.40	12.89	3.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	23.81	24.86	25.35	24.68	3.18	ppb
Boron	11-1	25.70	25.11	25.85	25.55	1.53	ppb
Bromine	81-1						cps
Cadmium	111-1	29.33	28.23	27.75	28.43	2.84	ppb
Cadmium	106-1	27.04	25.43	26.66	26.38	3.19	ppb
Cadmium	108-1	26.20	23.95	24.91	25.02	4.50	ppb
Calcium	43-1	122997.22	124652.76	125701.91	124450.63	1.10	ppb
Calcium	44-1	125391.07	124108.07	127249.93	125583.02	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.33	116.57	119.00	117.30	1.26	ppb
Cobalt	59-2	134.06	131.49	138.84	134.79	2.77	ppb
Copper	63-2	373.25	380.22	380.61	378.03	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				108		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	129077.11	130753.22	137940.56	132590.29	3.55	ppb
Iron	56-2	129660.25	131712.99	138085.77	133153.01	3.30	ppb
Iron	57-2	127940.91	129687.33	139489.20	132372.48	4.70	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q14S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:51:44	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1567.49	1527.12	1518.12	1537.58	1.71	ppb
Lead	207-1	1586.19	1491.87	1497.74	1525.27	3.46	ppb
Lead	208-1	1566.20	1507.68	1504.58	1526.15	2.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	16789.22	17136.03	17988.75	17304.67	3.57	ppb
Manganese	55-2	2732.36	2761.70	2955.20	2816.42	4.30	ppb
Molybdenum	94-1	18.70	18.90	18.87	18.82	0.59	ppb
Molybdenum	95-1	15.53	15.72	15.70	15.65	0.68	ppb
Molybdenum	96-1	18.93	19.03	18.31	18.76	2.10	ppb
Molybdenum	97-1	15.48	15.77	15.59	15.62	0.96	ppb
Molybdenum	98-1	15.51	15.57	15.25	15.45	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	181.10	184.65	187.72	184.49	1.79	ppb
Phosphorus	31-2	7582.65	7429.99	7912.99	7641.87	3.23	ppb
Potassium	39-2	10120.10	10271.83	10666.04	10352.66	2.72	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	21.44	21.26	22.21	21.64	2.34	ppb
Selenium	77-2	68.74	63.06	62.07	64.62	5.57	ppb
Selenium	78-2	28.57	27.20	30.33	28.70	5.46	ppb
Silicon	28-1	209.99	206.04	203.73	206.59	1.53	ppb
Silver	107-1	16.19	15.96	15.81	15.99	1.20	ppb
Silver	109-1	16.48	15.72	15.61	15.94	2.96	ppb
Sodium	23-2	649.83	680.57	702.87	677.76	3.93	ppb
Strontium	86-1	553.74	555.87	553.56	554.39	0.23	ppb
Strontium	88-1	541.52	547.23	545.00	544.58	0.53	ppb
Sulfur	34-1	1400.77	1237.54	1296.59	1311.63	6.30	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	9.60	9.94	10.01	9.85	2.23	ppb
Thallium	205-1	10.22	9.88	10.11	10.07	1.70	ppb
Tin	118-1	40.74	40.78	39.59	40.37	1.68	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q14S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:51:44	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	845.33	796.87	819.66	820.62	2.95	ppb
Uranium	238-1	7.65	7.22	7.38	7.42	2.96	ppb
Vanadium	51-2	278.98	277.89	290.76	282.54	2.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	3131.92	3107.00	3199.02	3145.98	1.51	ppb
Zirconium	90-1	3.08	3.12	3.10	3.10	0.69	ppb
Zirconium	91-1	3.06	3.20	3.18	3.15	2.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04	Instrumnet Name :	P8
Client Sample ID :	MH1Q15	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:54:40	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15632.77	15613.02	16714.20	15986.66	3.94	ppb
Antimony	121-1	5.76	5.84	5.95	5.85	1.63	ppb
Arsenic	75-2	101.51	101.28	110.73	104.50	5.16	ppb
Barium	135-1	696.54	710.43	713.77	706.91	1.29	ppb
Barium	137-1	698.89	691.15	690.37	693.47	0.68	ppb
Beryllium	9-1	1.98	1.97	1.95	1.97	0.74	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	11.96	12.45	13.14	12.52	4.73	ppb
Boron	11-1	12.19	12.95	13.22	12.78	4.17	ppb
Bromine	81-1						cps
Cadmium	111-1	9.23	9.24	9.00	9.16	1.47	ppb
Cadmium	106-1	9.60	9.87	9.47	9.65	2.10	ppb
Cadmium	108-1	8.00	8.86	9.18	8.68	7.06	ppb
Calcium	43-1	79978.85	81144.96	82472.29	81198.70	1.54	ppb
Calcium	44-1	81130.84	81914.78	84530.62	82525.41	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.28	41.99	44.25	42.50	3.65	ppb
Cobalt	59-2	16.28	16.06	17.05	16.46	3.17	ppb
Copper	63-2	170.12	170.50	182.09	174.24	3.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	32787.00	33277.17	35379.39	33814.52	4.07	ppb
Iron	56-2	32993.59	33805.38	35173.41	33990.79	3.24	ppb
Iron	57-2	33274.43	33460.91	36108.96	34281.43	4.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04	Instrumnet Name :	P8
Client Sample ID :	MH1Q15	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:54:40	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	845.59	844.99	804.79	831.79	2.81	ppb
Lead	207-1	810.12	828.74	803.11	813.99	1.63	ppb
Lead	208-1	809.91	831.76	809.04	816.91	1.58	ppb
Lithium	6-1				105		%
Magnesium	24-2	8738.97	8607.95	9403.17	8916.70	4.78	ppb
Manganese	55-2	1322.12	1357.71	1434.84	1371.56	4.20	ppb
Molybdenum	94-1	10.21	10.31	10.01	10.18	1.48	ppb
Molybdenum	95-1	3.47	3.59	3.56	3.54	1.84	ppb
Molybdenum	96-1	4.91	4.92	4.91	4.92	0.08	ppb
Molybdenum	97-1	3.70	3.71	3.51	3.64	3.12	ppb
Molybdenum	98-1	3.49	3.46	3.44	3.46	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.95	41.30	42.38	41.21	2.96	ppb
Phosphorus	31-2	6106.94	6415.17	6531.34	6351.15	3.45	ppb
Potassium	39-2	4246.84	4263.60	4527.04	4345.83	3.62	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	2.52	4.28	2.23	3.01	36.87	ppb
Selenium	77-2	36.15	48.41	36.60	40.39	17.20	ppb
Selenium	78-2	8.82	8.09	7.59	8.16	7.62	ppb
Silicon	28-1	415.76	450.24	438.54	434.85	4.03	ppb
Silver	107-1	2.67	2.66	2.59	2.64	1.70	ppb
Silver	109-1	2.60	2.51	2.59	2.57	1.83	ppb
Sodium	23-2	424.28	427.43	460.64	437.45	4.61	ppb
Strontium	86-1	316.42	317.51	319.55	317.83	0.50	ppb
Strontium	88-1	307.14	315.46	303.49	308.70	1.99	ppb
Sulfur	34-1	852.30	1200.41	1182.61	1078.44	18.18	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.40	0.43	0.41	0.41	4.17	ppb
Thallium	205-1	0.41	0.44	0.42	0.43	2.62	ppb
Tin	118-1	20.15	19.54	20.58	20.09	2.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04	Instrumnet Name :	P8
Client Sample ID :	MH1Q15	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:54:40	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	274.56	287.26	281.53	281.12	2.26	ppb
Uranium	238-1	4.72	4.98	4.74	4.81	2.97	ppb
Vanadium	51-2	62.81	64.15	67.00	64.65	3.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	1317.24	1384.93	1402.46	1368.21	3.29	ppb
Zirconium	90-1	3.96	3.88	3.94	3.93	1.15	ppb
Zirconium	91-1	3.87	3.85	4.04	3.92	2.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-05	Instrumnet Name :	P8
Client Sample ID :	MH1Q15D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:57:33	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14503.00	14950.24	14477.73	14643.66	1.82	ppb
Antimony	121-1	5.67	5.80	5.73	5.73	1.13	ppb
Arsenic	75-2	99.98	99.90	98.90	99.60	0.60	ppb
Barium	135-1	617.44	644.80	636.95	633.07	2.23	ppb
Barium	137-1	601.69	629.78	625.35	618.94	2.44	ppb
Beryllium	9-1	1.73	1.76	1.78	1.76	1.47	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	10.09	11.10	10.92	10.71	5.05	ppb
Boron	11-1	10.35	11.11	11.27	10.91	4.52	ppb
Bromine	81-1						cps
Cadmium	111-1	8.56	8.73	8.84	8.71	1.58	ppb
Cadmium	106-1	8.41	7.98	8.73	8.37	4.50	ppb
Cadmium	108-1	7.92	8.16	7.61	7.90	3.48	ppb
Calcium	43-1	79548.35	77966.44	78584.07	78699.62	1.01	ppb
Calcium	44-1	79428.42	78390.60	78157.07	78658.70	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.85	38.66	38.39	38.63	0.59	ppb
Cobalt	59-2	15.03	15.39	14.70	15.04	2.29	ppb
Copper	63-2	166.36	165.17	162.24	164.59	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	30840.15	31040.53	29791.82	30557.50	2.19	ppb
Iron	56-2	31098.82	29952.45	29877.44	30309.57	2.26	ppb
Iron	57-2	31746.76	30714.51	30937.71	31132.99	1.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-05	Instrumnet Name :	P8
Client Sample ID :	MH1Q15D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:57:33	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	800.58	778.18	798.30	792.35	1.56	ppb
Lead	207-1	800.13	753.27	785.99	779.80	3.08	ppb
Lead	208-1	790.20	766.71	802.14	786.35	2.29	ppb
Lithium	6-1				108		%
Magnesium	24-2	8255.98	8188.72	7911.13	8118.61	2.25	ppb
Manganese	55-2	1262.61	1244.52	1258.88	1255.34	0.76	ppb
Molybdenum	94-1	10.15	10.13	10.50	10.26	2.05	ppb
Molybdenum	95-1	3.30	3.43	3.55	3.43	3.73	ppb
Molybdenum	96-1	4.81	4.65	4.87	4.78	2.38	ppb
Molybdenum	97-1	3.49	3.44	3.52	3.49	1.16	ppb
Molybdenum	98-1	3.36	3.35	3.36	3.36	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.74	38.35	37.05	37.71	1.72	ppb
Phosphorus	31-2	5816.66	6155.71	5845.46	5939.28	3.17	ppb
Potassium	39-2	4035.00	3986.26	3978.54	3999.93	0.77	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	3.09	2.45	2.97	2.84	12.00	ppb
Selenium	77-2	39.34	31.77	35.30	35.47	10.69	ppb
Selenium	78-2	7.38	5.83	6.52	6.58	11.85	ppb
Silicon	28-1	336.86	326.46	325.39	329.57	1.92	ppb
Silver	107-1	2.48	2.58	2.46	2.51	2.63	ppb
Silver	109-1	2.42	2.51	2.46	2.47	1.75	ppb
Sodium	23-2	402.86	405.19	398.81	402.29	0.80	ppb
Strontium	86-1	298.20	315.60	301.78	305.20	3.01	ppb
Strontium	88-1	293.83	303.67	308.26	301.92	2.44	ppb
Sulfur	34-1	853.34	546.12	640.19	679.88	23.15	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.44	0.38	0.45	0.42	8.65	ppb
Thallium	205-1	0.44	0.40	0.43	0.42	5.76	ppb
Tin	118-1	18.33	18.40	19.39	18.71	3.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-05	Instrumnet Name :	P8
Client Sample ID :	MH1Q15D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:57:33	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	274.52	261.41	259.31	265.08	3.11	ppb
Uranium	238-1	4.94	4.66	4.85	4.82	2.94	ppb
Vanadium	51-2	58.50	60.15	58.89	59.18	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				115		%
Zinc	66-2	1268.43	1278.43	1244.03	1263.63	1.40	ppb
Zirconium	90-1	3.83	3.96	3.97	3.92	2.07	ppb
Zirconium	91-1	3.92	3.84	3.96	3.90	1.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q15L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 15:00:28	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3015.64	3013.51	3033.80	3020.98	0.37	ppb
Antimony	121-1	1.15	1.11	1.20	1.16	3.65	ppb
Arsenic	75-2	20.23	20.68	21.67	20.86	3.53	ppb
Barium	135-1	141.90	140.65	139.38	140.65	0.90	ppb
Barium	137-1	143.52	137.16	141.00	140.56	2.28	ppb
Beryllium	9-1	0.37	0.38	0.38	0.38	2.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	4.08	3.92	3.77	3.92	4.02	ppb
Boron	11-1	4.15	3.84	3.96	3.99	3.96	ppb
Bromine	81-1						cps
Cadmium	111-1	1.93	1.76	1.87	1.85	4.81	ppb
Cadmium	106-1	1.91	0.63	1.48	1.34	48.63	ppb
Cadmium	108-1	1.67	1.56	1.87	1.70	9.39	ppb
Calcium	43-1	16200.00	16262.96	15954.63	16139.20	1.01	ppb
Calcium	44-1	16633.88	15969.84	16659.35	16421.03	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.23	8.50	8.19	8.31	2.07	ppb
Cobalt	59-2	3.16	3.26	3.25	3.22	1.73	ppb
Copper	63-2	34.00	34.35	35.02	34.46	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	6295.55	6505.70	6424.01	6408.42	1.65	ppb
Iron	56-2	6797.99	6589.28	6576.62	6654.63	1.87	ppb
Iron	57-2	6441.06	6475.53	6418.77	6445.12	0.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q15L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 15:00:28	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	161.64	159.83	160.58	160.68	0.57	ppb
Lead	207-1	157.22	161.92	156.99	158.71	1.75	ppb
Lead	208-1	159.81	165.26	160.23	161.77	1.87	ppb
Lithium	6-1				103		%
Magnesium	24-2	1676.29	1691.84	1764.05	1710.73	2.74	ppb
Manganese	55-2	254.89	256.66	251.46	254.34	1.04	ppb
Molybdenum	94-1	2.15	1.95	2.40	2.17	10.31	ppb
Molybdenum	95-1	0.74	0.76	0.81	0.77	4.87	ppb
Molybdenum	96-1	1.05	1.02	1.00	1.02	2.45	ppb
Molybdenum	97-1	0.75	0.76	0.74	0.75	1.31	ppb
Molybdenum	98-1	0.71	0.71	0.70	0.71	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.25	8.29	8.29	8.28	0.30	ppb
Phosphorus	31-2	1254.83	1222.12	1238.91	1238.62	1.32	ppb
Potassium	39-2	840.98	834.91	852.90	842.93	1.09	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.76	1.42	0.97	1.05	32.31	ppb
Selenium	77-2	10.44	9.44	8.33	9.40	11.25	ppb
Selenium	78-2	1.86	1.78	1.05	1.57	28.75	ppb
Silicon	28-1	87.20	85.36	84.06	85.54	1.84	ppb
Silver	107-1	0.51	0.50	0.54	0.52	4.38	ppb
Silver	109-1	0.54	0.55	0.53	0.54	2.08	ppb
Sodium	23-2	97.66	100.89	103.97	100.84	3.13	ppb
Strontium	86-1	66.04	66.44	67.89	66.79	1.46	ppb
Strontium	88-1	64.56	68.27	67.67	66.83	2.98	ppb
Sulfur	34-1	33.57	-126.44	-139.64	-77.50		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.08	0.05	0.06	20.57	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	9.53	ppb
Tin	118-1	4.10	3.92	3.99	4.00	2.17	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q15L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 15:00:28	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	57.17	54.52	55.60	55.76	2.38	ppb
Uranium	238-1	0.93	0.93	0.95	0.94	1.61	ppb
Vanadium	51-2	12.29	12.30	12.55	12.38	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	268.94	267.55	265.79	267.42	0.59	ppb
Zirconium	90-1	0.82	0.82	0.84	0.82	1.19	ppb
Zirconium	91-1	0.78	0.85	0.84	0.82	4.35	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-06	Instrumnet Name :	P8
Client Sample ID :	MH1Q15S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:03:24	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15529.12	15594.70	15726.01	15616.61	0.64	ppb
Antimony	121-1	22.48	23.26	23.01	22.91	1.74	ppb
Arsenic	75-2	111.34	112.61	107.83	110.59	2.24	ppb
Barium	135-1	1051.27	1075.90	1062.37	1063.18	1.16	ppb
Barium	137-1	1038.43	1055.67	1053.51	1049.20	0.89	ppb
Beryllium	9-1	11.14	11.83	11.61	11.53	3.09	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	9.92	10.27	10.83	10.34	4.40	ppb
Boron	11-1	10.10	11.16	11.15	10.80	5.67	ppb
Bromine	81-1						cps
Cadmium	111-1	19.48	19.86	20.35	19.90	2.18	ppb
Cadmium	106-1	18.97	18.80	16.61	18.13	7.27	ppb
Cadmium	108-1	18.28	18.12	17.06	17.82	3.71	ppb
Calcium	43-1	82627.41	80446.55	85123.31	82732.43	2.83	ppb
Calcium	44-1	82611.11	81844.44	82847.83	82434.46	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.86	78.01	75.71	76.86	1.50	ppb
Cobalt	59-2	111.52	113.91	111.42	112.29	1.26	ppb
Copper	63-2	214.71	212.37	214.85	213.98	0.65	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				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	32066.74	30991.96	30692.32	31250.34	2.31	ppb
Iron	56-2	31528.72	30878.79	31205.98	31204.50	1.04	ppb
Iron	57-2	31854.46	32078.95	31771.19	31901.53	0.50	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-06	Instrumnet Name :	P8
Client Sample ID :	MH1Q15S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:03:24	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	827.87	816.00	850.81	831.56	2.13	ppb
Lead	207-1	811.94	791.03	840.22	814.40	3.03	ppb
Lead	208-1	819.39	799.89	840.41	819.90	2.47	ppb
Lithium	6-1				105		%
Magnesium	24-2	8295.76	8372.85	8379.58	8349.40	0.56	ppb
Manganese	55-2	1396.67	1352.44	1357.08	1368.73	1.78	ppb
Molybdenum	94-1	16.40	17.26	17.08	16.92	2.68	ppb
Molybdenum	95-1	10.82	11.57	11.42	11.27	3.52	ppb
Molybdenum	96-1	12.31	12.46	12.34	12.37	0.65	ppb
Molybdenum	97-1	11.14	11.07	11.72	11.31	3.13	ppb
Molybdenum	98-1	10.81	11.21	11.26	11.10	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.91	136.32	136.78	136.00	0.71	ppb
Phosphorus	31-2	6066.43	6017.28	5890.19	5991.30	1.52	ppb
Potassium	39-2	4078.74	4141.64	4089.93	4103.44	0.82	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	16.80	17.37	17.30	17.16	1.83	ppb
Selenium	77-2	47.90	54.32	46.45	49.56	8.45	ppb
Selenium	78-2	22.12	23.58	21.76	22.48	4.28	ppb
Silicon	28-1	386.93	382.44	382.37	383.91	0.68	ppb
Silver	107-1	13.07	13.71	13.26	13.34	2.48	ppb
Silver	109-1	12.68	13.18	12.72	12.86	2.14	ppb
Sodium	23-2	404.13	414.40	404.45	407.66	1.43	ppb
Strontium	86-1	334.76	337.77	337.85	336.79	0.52	ppb
Strontium	88-1	324.59	326.66	339.60	330.28	2.46	ppb
Sulfur	34-1	651.50	604.96	848.24	701.57	18.41	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	8.45	8.20	8.70	8.45	2.95	ppb
Thallium	205-1	8.40	7.99	8.50	8.30	3.30	ppb
Tin	118-1	20.53	21.23	21.10	20.95	1.77	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-06	Instrumnet Name :	P8
Client Sample ID :	MH1Q15S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:03:24	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	280.01	274.52	292.48	282.34	3.26	ppb
Uranium	238-1	4.94	4.84	4.90	4.89	1.02	ppb
Vanadium	51-2	153.87	153.30	156.41	154.52	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	1373.32	1419.37	1415.67	1402.79	1.82	ppb
Zirconium	90-1	3.97	4.13	4.08	4.06	2.04	ppb
Zirconium	91-1	3.89	4.02	4.11	4.01	2.72	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-01	Instrumnet Name :	P8
Client Sample ID :	MH1PT2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:06:19	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22715.39	21732.99	22622.63	22357.00	2.43	ppb
Antimony	121-1	6.14	6.15	6.26	6.18	1.06	ppb
Arsenic	75-2	48.62	47.68	48.58	48.30	1.11	ppb
Barium	135-1	697.87	680.68	700.36	692.97	1.55	ppb
Barium	137-1	656.45	669.39	681.15	669.00	1.85	ppb
Beryllium	9-1	1.95	2.03	2.05	2.01	2.61	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	28.73	29.69	32.95	30.46	7.27	ppb
Boron	11-1	30.19	31.28	32.66	31.38	3.94	ppb
Bromine	81-1						cps
Cadmium	111-1	11.62	11.36	11.45	11.48	1.13	ppb
Cadmium	106-1	11.95	11.04	9.85	10.95	9.58	ppb
Cadmium	108-1	10.27	9.84	10.53	10.21	3.44	ppb
Calcium	43-1	157372.10	146896.85	146743.19	150337.38	4.05	ppb
Calcium	44-1	160890.60	145315.21	149527.24	151911.02	5.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.89	55.96	55.39	55.42	0.96	ppb
Cobalt	59-2	21.58	22.28	21.69	21.85	1.74	ppb
Copper	63-2	170.73	171.86	175.02	172.54	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	78759.03	80303.49	79825.40	79629.31	0.99	ppb
Iron	56-2	82835.77	78776.38	80918.73	80843.63	2.51	ppb
Iron	57-2	77489.29	78970.56	78780.88	78413.58	1.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-01	Instrumnet Name :	P8
Client Sample ID :	MH1PT2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:06:19	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	866.72	886.99	900.32	884.68	1.91	ppb
Lead	207-1	857.74	869.72	871.39	866.28	0.86	ppb
Lead	208-1	856.60	876.50	882.35	871.82	1.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	14523.47	14821.75	14613.21	14652.81	1.04	ppb
Manganese	55-2	1374.75	1394.48	1424.72	1397.98	1.80	ppb
Molybdenum	94-1	8.78	8.33	8.84	8.65	3.21	ppb
Molybdenum	95-1	5.89	5.78	6.03	5.90	2.12	ppb
Molybdenum	96-1	7.91	8.04	7.74	7.90	1.92	ppb
Molybdenum	97-1	5.89	5.84	6.30	6.01	4.25	ppb
Molybdenum	98-1	5.96	5.71	5.87	5.85	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.23	53.93	53.00	53.05	1.61	ppb
Phosphorus	31-2	9124.24	8775.46	9169.60	9023.10	2.39	ppb
Potassium	39-2	9207.42	9082.96	9343.31	9211.23	1.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	6.29	4.69	5.42	5.47	14.60	ppb
Selenium	77-2	50.09	37.50	40.25	42.61	15.53	ppb
Selenium	78-2	8.82	9.05	9.80	9.22	5.56	ppb
Silicon	28-1	148.74	144.72	137.66	143.71	3.90	ppb
Silver	107-1	2.67	2.58	2.56	2.60	2.31	ppb
Silver	109-1	2.58	2.53	2.63	2.58	1.87	ppb
Sodium	23-2	793.17	805.29	807.55	802.00	0.96	ppb
Strontium	86-1	651.59	631.51	639.18	640.76	1.58	ppb
Strontium	88-1	651.51	624.77	636.84	637.71	2.10	ppb
Sulfur	34-1	3215.16	2818.81	2903.24	2979.07	7.01	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.72	0.68	0.69	0.69	2.90	ppb
Thallium	205-1	0.68	0.69	0.70	0.69	1.37	ppb
Tin	118-1	21.38	21.86	22.69	21.98	3.02	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-01	Instrumnet Name :	P8
Client Sample ID :	MH1PT2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:06:19	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	450.92	443.82	431.77	442.17	2.19	ppb
Uranium	238-1	6.27	6.12	6.21	6.20	1.20	ppb
Vanadium	51-2	142.24	142.83	142.80	142.62	0.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				118		%
Zinc	66-2	1503.42	1533.87	1508.64	1515.31	1.07	ppb
Zirconium	90-1	1.93	1.91	1.99	1.94	2.23	ppb
Zirconium	91-1	1.90	1.87	1.91	1.89	1.13	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-02	Instrumnet Name :	P8
Client Sample ID :	MH1PT3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:09:12	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23435.25	22956.92	23215.45	23202.54	1.03	ppb
Antimony	121-1	6.16	6.13	6.36	6.22	2.06	ppb
Arsenic	75-2	44.86	46.08	44.50	45.14	1.83	ppb
Barium	135-1	731.60	735.03	734.82	733.82	0.26	ppb
Barium	137-1	698.18	725.39	744.52	722.70	3.22	ppb
Beryllium	9-1	1.79	1.79	1.76	1.78	1.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	24.55	24.90	26.63	25.36	4.40	ppb
Boron	11-1	24.89	26.94	26.17	26.00	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	12.55	12.37	12.40	12.44	0.79	ppb
Cadmium	106-1	13.28	12.06	12.17	12.51	5.40	ppb
Cadmium	108-1	10.83	10.42	11.91	11.06	6.94	ppb
Calcium	43-1	144874.20	147158.06	149704.48	147245.58	1.64	ppb
Calcium	44-1	150951.53	146897.34	152844.78	150231.22	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.78	57.18	57.03	57.00	0.35	ppb
Cobalt	59-2	21.87	22.03	22.15	22.02	0.65	ppb
Copper	63-2	177.11	176.74	175.65	176.50	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				108		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	76352.12	76382.38	75746.40	76160.30	0.47	ppb
Iron	56-2	77727.07	79776.90	78471.54	78658.51	1.32	ppb
Iron	57-2	78432.46	78900.38	76616.24	77983.03	1.55	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-02	Instrumnet Name :	P8
Client Sample ID :	MH1PT3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:09:12	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	949.81	965.68	962.18	959.22	0.87	ppb
Lead	207-1	933.68	933.48	923.07	930.07	0.65	ppb
Lead	208-1	940.28	947.24	938.96	942.16	0.47	ppb
Lithium	6-1				107		%
Magnesium	24-2	14252.79	14189.63	14166.34	14202.92	0.31	ppb
Manganese	55-2	1383.94	1384.84	1363.46	1377.41	0.88	ppb
Molybdenum	94-1	8.84	8.80	8.66	8.77	1.05	ppb
Molybdenum	95-1	6.26	6.19	5.98	6.14	2.39	ppb
Molybdenum	96-1	8.33	8.02	8.01	8.12	2.27	ppb
Molybdenum	97-1	6.39	5.91	6.10	6.13	3.90	ppb
Molybdenum	98-1	6.14	5.90	5.89	5.98	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.98	65.25	64.03	64.42	1.12	ppb
Phosphorus	31-2	7947.92	7946.31	7992.37	7962.20	0.33	ppb
Potassium	39-2	7055.20	7154.45	7243.95	7151.20	1.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	5.62	4.85	4.34	4.94	12.99	ppb
Selenium	77-2	48.99	42.64	44.04	45.22	7.38	ppb
Selenium	78-2	10.42	10.16	8.61	9.73	10.06	ppb
Silicon	28-1	128.74	122.97	125.91	125.87	2.29	ppb
Silver	107-1	2.67	2.73	2.82	2.74	2.60	ppb
Silver	109-1	2.70	2.58	2.72	2.67	2.87	ppb
Sodium	23-2	713.27	723.25	728.22	721.58	1.05	ppb
Strontium	86-1	632.15	627.25	596.57	618.66	3.12	ppb
Strontium	88-1	615.80	608.83	611.40	612.01	0.58	ppb
Sulfur	34-1	2736.12	2558.52	2732.27	2675.64	3.79	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.70	0.73	0.69	0.71	2.42	ppb
Thallium	205-1	0.70	0.76	0.71	0.73	4.29	ppb
Tin	118-1	19.55	19.35	20.49	19.79	3.08	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-02	Instrumnet Name :	P8
Client Sample ID :	MH1PT3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:09:12	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	421.71	424.34	438.38	428.14	2.09	ppb
Uranium	238-1	6.71	6.55	6.52	6.59	1.59	ppb
Vanadium	51-2	140.66	142.27	140.76	141.23	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				117		%
Zinc	66-2	1412.77	1440.38	1418.68	1423.94	1.02	ppb
Zirconium	90-1	1.96	1.92	1.93	1.94	1.05	ppb
Zirconium	91-1	1.86	1.78	1.80	1.81	2.42	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-03	Instrumnet Name :	P8
Client Sample ID :	MH1PT4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:12:08	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22220.78	22988.44	22814.99	22674.74	1.78	ppb
Antimony	121-1	6.39	6.29	6.41	6.36	1.03	ppb
Arsenic	75-2	46.54	46.23	46.11	46.29	0.47	ppb
Barium	135-1	702.88	708.15	729.92	713.65	2.01	ppb
Barium	137-1	687.07	671.08	697.89	685.35	1.97	ppb
Beryllium	9-1	1.68	1.75	1.72	1.72	2.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	15.72	16.37	16.54	16.21	2.67	ppb
Boron	11-1	16.74	17.30	16.92	16.99	1.66	ppb
Bromine	81-1						cps
Cadmium	111-1	15.26	15.18	15.18	15.21	0.31	ppb
Cadmium	106-1	13.36	12.63	13.34	13.11	3.19	ppb
Cadmium	108-1	13.06	13.91	13.52	13.50	3.15	ppb
Calcium	43-1	138166.07	145327.47	138948.19	140813.91	2.79	ppb
Calcium	44-1	142131.27	144471.01	136439.18	141013.82	2.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.41	48.41	46.12	47.31	2.43	ppb
Cobalt	59-2	21.49	21.26	21.23	21.33	0.67	ppb
Copper	63-2	151.29	155.47	150.93	152.57	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	76034.00	79188.85	77327.85	77516.90	2.05	ppb
Iron	56-2	77186.52	79115.80	80797.34	79033.22	2.29	ppb
Iron	57-2	78245.57	80640.15	76187.46	78357.73	2.84	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-03	Instrumnet Name :	P8
Client Sample ID :	MH1PT4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:12:08	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1111.52	1109.45	1149.20	1123.39	1.99	ppb
Lead	207-1	1103.34	1077.77	1103.61	1094.91	1.36	ppb
Lead	208-1	1106.18	1070.69	1110.11	1095.66	1.98	ppb
Lithium	6-1				106		%
Magnesium	24-2	12207.69	12587.98	12154.02	12316.56	1.92	ppb
Manganese	55-2	1117.91	1149.87	1122.59	1130.12	1.53	ppb
Molybdenum	94-1	8.82	8.96	9.14	8.97	1.78	ppb
Molybdenum	95-1	5.35	5.23	5.21	5.26	1.41	ppb
Molybdenum	96-1	7.73	7.25	7.08	7.35	4.58	ppb
Molybdenum	97-1	5.30	5.16	5.48	5.31	2.95	ppb
Molybdenum	98-1	5.04	5.05	5.19	5.09	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.21	52.26	50.65	51.37	1.59	ppb
Phosphorus	31-2	5143.50	5380.55	5349.22	5291.09	2.43	ppb
Potassium	39-2	5534.88	5683.18	5531.46	5583.17	1.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	4.03	3.28	5.23	4.18	23.51	ppb
Selenium	77-2	40.09	34.09	34.50	36.23	9.25	ppb
Selenium	78-2	9.24	8.15	7.39	8.26	11.23	ppb
Silicon	28-1	221.24	219.53	212.47	217.75	2.13	ppb
Silver	107-1	3.06	3.16	3.25	3.16	2.94	ppb
Silver	109-1	3.10	3.15	3.29	3.18	3.08	ppb
Sodium	23-2	830.41	837.44	835.47	834.44	0.43	ppb
Strontium	86-1	476.42	468.49	473.56	472.82	0.85	ppb
Strontium	88-1	467.87	454.29	465.29	462.48	1.56	ppb
Sulfur	34-1	1270.37	1154.64	982.22	1135.74	12.77	ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	0.80	0.74	0.83	0.79	5.93	ppb
Thallium	205-1	0.78	0.77	0.80	0.78	2.14	ppb
Tin	118-1	20.32	20.60	20.61	20.51	0.80	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-03	Instrumnet Name :	P8
Client Sample ID :	MH1PT4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:12:08	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	505.36	508.70	504.01	506.02	0.48	ppb
Uranium	238-1	6.22	6.19	6.10	6.17	1.04	ppb
Vanadium	51-2	147.92	150.88	149.64	149.48	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	999.85	1004.25	988.32	997.48	0.82	ppb
Zirconium	90-1	2.53	2.46	2.50	2.50	1.40	ppb
Zirconium	91-1	2.52	2.52	2.46	2.50	1.34	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:18:49	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50430.87	51189.87	49857.52	50492.76	1.32	ppb
Antimony	121-1	500.39	501.27	492.76	498.14	0.94	ppb
Arsenic	75-2	471.49	464.14	452.69	462.77	2.05	ppb
Barium	135-1	2456.13	2548.22	2483.48	2495.94	1.89	ppb
Barium	137-1	2402.20	2527.10	2457.13	2462.14	2.54	ppb
Beryllium	9-1	474.69	486.60	502.52	487.94	2.86	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	339.84	355.37	376.89	357.36	5.21	ppb
Boron	11-1	336.78	356.60	360.25	351.21	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	454.74	488.90	476.94	473.53	3.66	ppb
Cadmium	106-1	461.00	491.97	476.26	476.41	3.25	ppb
Cadmium	108-1	462.77	494.78	475.89	477.81	3.37	ppb
Calcium	43-1	235054.02	228056.96	229150.04	230753.67	1.63	ppb
Calcium	44-1	236904.81	227035.51	234206.99	232715.77	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.14	482.54	491.72	488.13	1.01	ppb
Cobalt	59-2	487.56	469.81	478.90	478.76	1.85	ppb
Copper	63-2	5123.35	4955.70	5117.31	5065.45	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				105		%
Holmium	165-2				111		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	126889.44	121406.05	120614.12	122969.87	2.78	ppb
Iron	56-2	126817.28	119013.60	120591.58	122140.82	3.38	ppb
Iron	57-2	126182.35	120811.60	123269.09	123421.01	2.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:18:49	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2476.16	2501.45	2470.99	2482.87	0.66	ppb
Lead	207-1	2461.23	2533.88	2480.81	2491.97	1.51	ppb
Lead	208-1	2472.78	2550.10	2479.33	2500.73	1.71	ppb
Lithium	6-1				97		%
Magnesium	24-2	254646.87	253410.95	243125.26	250394.36	2.53	ppb
Manganese	55-2	4994.91	4720.14	4725.78	4813.61	3.26	ppb
Molybdenum	94-1	4886.06	4776.26	4719.77	4794.03	1.76	ppb
Molybdenum	95-1	5005.16	4684.38	4848.08	4845.87	3.31	ppb
Molybdenum	96-1	4953.43	4697.79	4840.97	4830.73	2.65	ppb
Molybdenum	97-1	4848.71	4730.35	4828.15	4802.40	1.32	ppb
Molybdenum	98-1	4889.00	4736.48	4843.96	4823.15	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.07	462.64	476.77	473.83	2.12	ppb
Phosphorus	31-2	9744.88	9576.84	9877.90	9733.21	1.55	ppb
Potassium	39-2	124489.89	118078.05	119399.11	120655.68	2.81	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	499.55	471.92	487.65	486.37	2.85	ppb
Selenium	77-2	536.70	536.72	487.59	520.34	5.45	ppb
Selenium	78-2	498.36	494.02	476.18	489.52	2.40	ppb
Silicon	28-1	237.94	221.22	233.67	230.94	3.76	ppb
Silver	107-1	480.93	502.11	484.55	489.19	2.32	ppb
Silver	109-1	468.54	492.16	478.96	479.89	2.47	ppb
Sodium	23-2	254113.66	237746.21	247098.80	246319.56	3.33	ppb
Strontium	86-1	511.05	482.31	494.06	495.81	2.91	ppb
Strontium	88-1	496.72	487.90	490.70	491.77	0.92	ppb
Sulfur	34-1	9918.85	8877.66	9152.52	9316.35	5.79	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	485.77	501.74	493.60	493.71	1.62	ppb
Thallium	205-1	496.16	506.43	493.00	498.53	1.41	ppb
Tin	118-1	490.48	468.29	488.82	482.53	2.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:18:49	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4868.77	4879.18	4915.87	4887.94	0.51	ppb
Uranium	238-1	521.84	528.25	524.20	524.76	0.62	ppb
Vanadium	51-2	497.76	491.65	495.69	495.03	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	5151.44	4902.19	5026.95	5026.86	2.48	ppb
Zirconium	90-1	498.72	485.08	479.81	487.87	2.00	ppb
Zirconium	91-1	497.31	476.76	484.11	486.06	2.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:25:25	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	1.26	1.20	1.14	13.81	ppb
Antimony	121-1	0.09	0.09	0.13	0.10	24.17	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.04	0.01	0.03	0.03	60.78	ppb
Barium	137-1	0.03	0.01	0.03	0.02	44.57	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	14.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	11.18	12.03	10.81	11.34	5.53	ppb
Boron	11-1	11.46	11.63	11.52	11.54	0.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.03	-0.06	-0.03		ppb
Cadmium	106-1	-0.74	-2.16	-4.19	-2.36		ppb
Cadmium	108-1	-0.18	-0.15	-0.20	-0.18		ppb
Calcium	43-1	1.33	0.76	1.30	1.13	28.11	ppb
Calcium	44-1	-0.04	0.18	0.86	0.33	139.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.04	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.17	0.14	0.13	0.14	14.45	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				100		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	2.46	3.49	1.57	2.51	38.46	ppb
Iron	56-2	1.10	1.27	1.08	1.15	9.21	ppb
Iron	57-2	2.53	0.78	1.43	1.58	56.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:25:25	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.11	0.08	0.09	19.08	ppb
Lead	207-1	0.07	0.07	0.07	0.07	5.00	ppb
Lead	208-1	0.07	0.09	0.08	0.08	9.94	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.16	2.20	0.93	1.76	40.83	ppb
Manganese	55-2	0.03	0.05	0.03	0.04	41.31	ppb
Molybdenum	94-1	0.10	0.10	0.10	0.10	1.07	ppb
Molybdenum	95-1	0.10	0.08	0.06	0.08	24.08	ppb
Molybdenum	96-1	0.08	0.04	0.06	0.06	32.10	ppb
Molybdenum	97-1	0.09	0.04	0.07	0.07	39.23	ppb
Molybdenum	98-1	0.09	0.06	0.07	0.07	18.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-18.78	-10.69	-3.15	-10.87		ppb
Potassium	39-2	2.44	6.54	7.28	5.42	48.07	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.94	1.60	-0.17	0.79	113.81	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.48	0.44	-0.30	-0.11		ppb
Silicon	28-1	-0.79	-0.55	-0.36	-0.57		ppb
Silver	107-1	0.04	0.03	0.04	0.04	16.01	ppb
Silver	109-1	0.04	0.03	0.03	0.03	14.04	ppb
Sodium	23-2	18.85	20.41	20.03	19.77	4.11	ppb
Strontium	86-1	-0.09	-0.22	0.13	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	32.30	ppb
Sulfur	34-1	-718.25	-622.86	-527.44	-622.85		ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.05	0.05	8.57	ppb
Thallium	205-1	0.04	0.06	0.04	0.05	23.27	ppb
Tin	118-1	0.07	0.04	0.05	0.05	29.46	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:25:25	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.05	-0.01	0.01	280.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.40	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	69.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.04	0.01	0.03	55.52	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	79.98	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	22.02	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-04	Instrumnet Name :	P8
Client Sample ID :	MH1PT5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:29:15	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26666.47	26155.95	26498.41	26440.28	0.98	ppb
Antimony	121-1	4.96	5.07	5.13	5.05	1.76	ppb
Arsenic	75-2	56.22	56.73	55.77	56.24	0.85	ppb
Barium	135-1	635.66	629.55	627.48	630.90	0.67	ppb
Barium	137-1	628.11	617.99	619.72	621.94	0.87	ppb
Beryllium	9-1	1.75	1.69	1.85	1.76	4.55	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	16.90	16.17	17.58	16.88	4.20	ppb
Boron	11-1	16.54	16.09	18.50	17.04	7.54	ppb
Bromine	81-1						cps
Cadmium	111-1	11.99	12.29	12.27	12.18	1.35	ppb
Cadmium	106-1	9.36	9.77	8.32	9.15	8.21	ppb
Cadmium	108-1	10.80	11.44	10.17	10.80	5.89	ppb
Calcium	43-1	176555.73	175749.17	172260.31	174855.07	1.31	ppb
Calcium	44-1	176634.63	177968.18	174422.76	176341.85	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.52	50.57	49.90	50.33	0.74	ppb
Cobalt	59-2	22.26	21.69	22.40	22.12	1.71	ppb
Copper	63-2	121.97	120.29	121.08	121.11	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				111		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	54-2	84460.10	86348.08	82472.30	84426.83	2.30	ppb
Iron	56-2	84365.65	86669.19	84304.67	85113.17	1.58	ppb
Iron	57-2	85376.91	86046.20	84907.88	85443.66	0.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-04	Instrumnet Name :	P8
Client Sample ID :	MH1PT5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:29:15	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	584.22	614.11	630.55	609.63	3.85	ppb
Lead	207-1	574.09	611.37	618.56	601.34	3.97	ppb
Lead	208-1	579.10	604.37	614.43	599.30	3.04	ppb
Lithium	6-1				105		%
Magnesium	24-2	14109.60	13778.25	13328.83	13738.89	2.85	ppb
Manganese	55-2	973.46	1011.67	984.71	989.95	1.98	ppb
Molybdenum	94-1	8.92	9.25	9.06	9.08	1.78	ppb
Molybdenum	95-1	5.52	5.94	5.72	5.72	3.65	ppb
Molybdenum	96-1	7.76	8.00	7.88	7.88	1.53	ppb
Molybdenum	97-1	5.86	5.80	5.81	5.82	0.54	ppb
Molybdenum	98-1	5.58	5.73	5.73	5.68	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.65	52.59	52.52	52.26	1.00	ppb
Phosphorus	31-2	3964.63	4270.04	4090.08	4108.25	3.74	ppb
Potassium	39-2	6246.87	5997.17	5921.35	6055.13	2.81	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	2.78	4.32	3.51	3.54	21.75	ppb
Selenium	77-2	36.24	46.25	45.11	42.53	12.88	ppb
Selenium	78-2	9.82	8.28	8.59	8.90	9.14	ppb
Silicon	28-1	122.23	123.49	119.83	121.85	1.53	ppb
Silver	107-1	2.38	2.42	2.42	2.41	1.08	ppb
Silver	109-1	2.37	2.45	2.35	2.39	2.26	ppb
Sodium	23-2	776.75	763.90	764.13	768.26	0.96	ppb
Strontium	86-1	440.34	440.68	432.54	437.86	1.05	ppb
Strontium	88-1	421.47	417.93	425.70	421.70	0.92	ppb
Sulfur	34-1	759.76	907.18	698.00	788.31	13.63	ppb
Terbium	159-1				107		%
Terbium	159-2				112		%
Thallium	203-1	0.87	0.90	0.93	0.90	3.26	ppb
Thallium	205-1	0.88	0.92	0.96	0.92	4.15	ppb
Tin	118-1	7.99	8.04	8.39	8.14	2.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-04	Instrumnet Name :	P8
Client Sample ID :	MH1PT5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:29:15	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	502.62	533.13	526.73	520.83	3.09	ppb
Uranium	238-1	5.15	5.30	5.38	5.28	2.17	ppb
Vanadium	51-2	182.91	182.50	182.91	182.77	0.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				118		%
Zinc	66-2	544.49	534.51	524.70	534.57	1.85	ppb
Zirconium	90-1	2.24	2.25	2.22	2.24	0.66	ppb
Zirconium	91-1	2.22	2.28	2.24	2.25	1.46	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-05	Instrumnet Name :	P8
Client Sample ID :	MH1PT6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:32:11	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20734.81	21217.22	20650.73	20867.58	1.46	ppb
Antimony	121-1	5.83	5.74	5.79	5.79	0.83	ppb
Arsenic	75-2	43.50	45.69	45.17	44.79	2.55	ppb
Barium	135-1	650.54	622.90	647.15	640.20	2.36	ppb
Barium	137-1	625.97	620.00	623.26	623.07	0.48	ppb
Beryllium	9-1	1.73	1.61	1.68	1.67	3.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	28.66	28.25	29.90	28.94	2.98	ppb
Boron	11-1	29.36	29.40	31.29	30.02	3.67	ppb
Bromine	81-1						cps
Cadmium	111-1	11.45	10.38	10.57	10.80	5.28	ppb
Cadmium	106-1	11.13	9.59	9.50	10.07	9.09	ppb
Cadmium	108-1	10.67	9.80	9.79	10.09	5.00	ppb
Calcium	43-1	137922.90	134075.22	133414.98	135137.70	1.80	ppb
Calcium	44-1	141895.67	138591.71	135489.49	138658.96	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.76	51.22	51.56	51.85	1.56	ppb
Cobalt	59-2	20.68	20.40	20.41	20.49	0.77	ppb
Copper	63-2	162.54	157.27	159.65	159.82	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				108		%
Iron	54-2	76636.79	73223.29	72656.08	74172.06	2.90	ppb
Iron	56-2	77008.01	72778.11	75568.98	75118.37	2.86	ppb
Iron	57-2	77292.17	73800.07	75081.01	75391.08	2.34	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-05	Instrumnet Name :	P8
Client Sample ID :	MH1PT6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:32:11	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	917.91	896.00	889.16	901.02	1.67	ppb
Lead	207-1	861.62	867.23	853.16	860.67	0.82	ppb
Lead	208-1	874.98	875.31	864.90	871.73	0.68	ppb
Lithium	6-1				107		%
Magnesium	24-2	13169.35	13228.21	13185.02	13194.19	0.23	ppb
Manganese	55-2	1307.31	1256.81	1244.75	1269.62	2.61	ppb
Molybdenum	94-1	8.42	8.59	8.39	8.47	1.29	ppb
Molybdenum	95-1	5.90	6.22	6.13	6.09	2.70	ppb
Molybdenum	96-1	7.75	7.77	7.92	7.81	1.20	ppb
Molybdenum	97-1	6.13	6.02	6.15	6.10	1.09	ppb
Molybdenum	98-1	5.82	5.89	5.99	5.90	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.78	47.83	48.01	47.87	0.25	ppb
Phosphorus	31-2	8227.69	8026.78	7661.29	7971.92	3.60	ppb
Potassium	39-2	8899.35	8707.76	8734.57	8780.56	1.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	4.67	4.60	4.47	4.58	2.20	ppb
Selenium	77-2	38.92	35.82	34.72	36.49	5.98	ppb
Selenium	78-2	8.37	8.20	9.69	8.75	9.35	ppb
Silicon	28-1	91.07	90.16	86.69	89.31	2.59	ppb
Silver	107-1	2.41	2.29	2.31	2.34	2.78	ppb
Silver	109-1	2.33	2.26	2.37	2.32	2.53	ppb
Sodium	23-2	843.55	824.93	833.36	833.95	1.12	ppb
Strontium	86-1	565.98	587.03	569.27	574.09	1.97	ppb
Strontium	88-1	575.61	589.35	565.74	576.90	2.06	ppb
Sulfur	34-1	2779.65	2544.47	2419.74	2581.29	7.08	ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	0.61	0.69	0.72	0.67	8.33	ppb
Thallium	205-1	0.69	0.69	0.67	0.68	1.33	ppb
Tin	118-1	21.23	20.89	20.75	20.96	1.16	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-05	Instrumnet Name :	P8
Client Sample ID :	MH1PT6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:32:11	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	396.39	387.87	376.30	386.85	2.61	ppb
Uranium	238-1	5.77	5.96	5.89	5.87	1.63	ppb
Vanadium	51-2	137.64	132.92	136.17	135.58	1.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	1451.43	1395.66	1412.07	1419.72	2.02	ppb
Zirconium	90-1	1.82	1.80	1.87	1.83	2.03	ppb
Zirconium	91-1	1.73	1.81	1.92	1.82	5.26	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-06	Instrumnet Name :	P8
Client Sample ID :	MH1PT7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:35:05	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21527.35	21384.10	21853.31	21588.25	1.11	ppb
Antimony	121-1	5.92	5.74	6.06	5.90	2.72	ppb
Arsenic	75-2	43.70	44.48	45.56	44.58	2.10	ppb
Barium	135-1	646.92	634.24	670.67	650.61	2.84	ppb
Barium	137-1	643.42	650.01	628.28	640.57	1.74	ppb
Beryllium	9-1	1.81	1.78	1.61	1.73	6.42	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	27.86	27.06	26.59	27.17	2.37	ppb
Boron	11-1	27.73	28.87	27.19	27.93	3.06	ppb
Bromine	81-1						cps
Cadmium	111-1	12.11	11.53	12.33	11.99	3.45	ppb
Cadmium	106-1	9.97	9.47	11.48	10.31	10.16	ppb
Cadmium	108-1	10.18	10.97	10.83	10.66	3.97	ppb
Calcium	43-1	144111.82	141432.22	140995.96	142180.00	1.19	ppb
Calcium	44-1	143060.24	141748.85	145591.32	143466.81	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.62	50.47	51.30	50.80	0.87	ppb
Cobalt	59-2	21.10	21.12	21.43	21.21	0.87	ppb
Copper	63-2	165.21	162.57	166.09	164.63	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-2	71334.65	71615.99	72226.42	71725.68	0.64	ppb
Iron	56-2	71605.79	71991.33	73107.70	72234.94	1.08	ppb
Iron	57-2	71947.99	70250.18	73842.71	72013.63	2.50	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-06	Instrumnet Name :	P8
Client Sample ID :	MH1PT7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:35:05	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	811.85	889.48	891.97	864.43	5.27	ppb
Lead	207-1	794.41	847.48	839.92	827.27	3.47	ppb
Lead	208-1	798.91	846.22	843.40	829.51	3.20	ppb
Lithium	6-1				109		%
Magnesium	24-2	13735.75	13624.22	14038.44	13799.47	1.55	ppb
Manganese	55-2	1281.17	1270.12	1317.99	1289.76	1.94	ppb
Molybdenum	94-1	9.10	8.63	8.97	8.90	2.69	ppb
Molybdenum	95-1	6.27	6.05	6.35	6.22	2.51	ppb
Molybdenum	96-1	7.73	7.58	8.04	7.79	3.02	ppb
Molybdenum	97-1	6.06	5.75	6.17	5.99	3.67	ppb
Molybdenum	98-1	6.20	6.18	6.02	6.13	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.97	61.01	61.93	61.64	0.88	ppb
Phosphorus	31-2	7376.26	7508.21	7471.99	7452.15	0.91	ppb
Potassium	39-2	7722.56	7516.03	7811.21	7683.26	1.97	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	4.31	4.04	4.11	4.15	3.48	ppb
Selenium	77-2	39.29	40.66	44.03	41.33	5.90	ppb
Selenium	78-2	9.12	9.23	9.06	9.14	0.98	ppb
Silicon	28-1	124.74	125.62	126.63	125.66	0.75	ppb
Silver	107-1	2.51	2.46	2.54	2.50	1.48	ppb
Silver	109-1	2.47	2.57	2.59	2.55	2.48	ppb
Sodium	23-2	982.43	968.08	991.64	980.72	1.21	ppb
Strontium	86-1	568.13	561.94	567.43	565.84	0.60	ppb
Strontium	88-1	546.43	556.22	558.24	553.63	1.14	ppb
Sulfur	34-1	2284.66	2036.84	2158.44	2159.98	5.74	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.65	0.69	0.75	0.70	7.40	ppb
Thallium	205-1	0.68	0.72	0.71	0.71	3.28	ppb
Tin	118-1	17.38	18.63	18.93	18.31	4.49	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-06	Instrumnet Name :	P8
Client Sample ID :	MH1PT7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:35:05	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	404.92	399.13	400.45	401.50	0.76	ppb
Uranium	238-1	5.62	6.05	5.99	5.89	3.97	ppb
Vanadium	51-2	134.76	132.65	135.99	134.47	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	1277.87	1288.78	1297.06	1287.90	0.75	ppb
Zirconium	90-1	1.92	1.98	2.05	1.99	3.30	ppb
Zirconium	91-1	1.98	1.98	2.05	2.01	1.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-07	Instrumnet Name :	P8
Client Sample ID :	MH1PT8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:38:00	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24282.35	23772.96	24011.60	24022.30	1.06	ppb
Antimony	121-1	5.72	5.80	6.00	5.84	2.42	ppb
Arsenic	75-2	46.43	48.83	47.14	47.46	2.60	ppb
Barium	135-1	653.12	676.65	702.89	677.55	3.68	ppb
Barium	137-1	628.41	675.12	677.78	660.43	4.20	ppb
Beryllium	9-1	1.78	1.72	1.60	1.70	5.21	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	22.63	21.62	20.71	21.65	4.44	ppb
Boron	11-1	22.49	22.29	21.19	21.99	3.18	ppb
Bromine	81-1						cps
Cadmium	111-1	12.98	13.11	13.30	13.13	1.23	ppb
Cadmium	106-1	11.71	12.41	10.39	11.50	8.93	ppb
Cadmium	108-1	11.31	12.45	12.27	12.01	5.07	ppb
Calcium	43-1	153692.30	143981.47	153389.55	150354.44	3.67	ppb
Calcium	44-1	151813.92	145826.53	151384.35	149674.94	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.22	49.23	49.28	49.24	0.06	ppb
Cobalt	59-2	21.60	21.38	21.48	21.49	0.51	ppb
Copper	63-2	163.87	161.59	158.21	161.22	1.77	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				109		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	76619.28	80434.08	79693.74	78915.70	2.56	ppb
Iron	56-2	81074.23	83433.82	79817.92	81441.99	2.25	ppb
Iron	57-2	82285.31	79825.48	80125.90	80745.57	1.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-07	Instrumnet Name :	P8
Client Sample ID :	MH1PT8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:38:00	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	888.18	875.27	890.89	884.78	0.94	ppb
Lead	207-1	865.97	870.09	875.97	870.68	0.58	ppb
Lead	208-1	871.33	866.67	881.64	873.21	0.88	ppb
Lithium	6-1				111		%
Magnesium	24-2	13242.84	13426.59	13310.94	13326.79	0.70	ppb
Manganese	55-2	1141.48	1176.45	1134.41	1150.78	1.96	ppb
Molybdenum	94-1	9.57	10.29	9.62	9.82	4.08	ppb
Molybdenum	95-1	5.87	6.08	5.80	5.92	2.53	ppb
Molybdenum	96-1	7.96	8.18	7.97	8.04	1.55	ppb
Molybdenum	97-1	5.80	6.10	5.95	5.95	2.53	ppb
Molybdenum	98-1	5.69	5.92	5.74	5.78	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.79	58.13	56.44	57.45	1.55	ppb
Phosphorus	31-2	5778.69	5751.72	5717.01	5749.14	0.54	ppb
Potassium	39-2	6526.26	6485.05	6222.97	6411.43	2.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	5.69	4.74	4.41	4.95	13.44	ppb
Selenium	77-2	38.24	43.77	37.62	39.88	8.49	ppb
Selenium	78-2	7.92	8.53	7.87	8.11	4.52	ppb
Silicon	28-1	218.10	207.52	224.56	216.73	3.97	ppb
Silver	107-1	2.77	2.86	2.82	2.82	1.65	ppb
Silver	109-1	2.80	2.80	2.79	2.80	0.08	ppb
Sodium	23-2	954.61	994.95	987.67	979.08	2.20	ppb
Strontium	86-1	508.22	533.02	504.69	515.31	3.00	ppb
Strontium	88-1	501.18	498.82	517.94	505.98	2.06	ppb
Sulfur	34-1	1902.85	1411.29	1667.70	1660.61	14.81	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.77	0.77	0.72	0.75	3.95	ppb
Thallium	205-1	0.76	0.77	0.76	0.76	0.85	ppb
Tin	118-1	14.70	14.90	15.09	14.90	1.31	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-07	Instrumnet Name :	P8
Client Sample ID :	MH1PT8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:38:00	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	539.50	517.94	537.78	531.74	2.25	ppb
Uranium	238-1	5.82	5.90	5.95	5.89	1.13	ppb
Vanadium	51-2	157.91	156.16	153.19	155.75	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	986.95	1005.08	1016.92	1002.98	1.51	ppb
Zirconium	90-1	2.56	2.68	2.59	2.61	2.33	ppb
Zirconium	91-1	2.64	2.73	2.61	2.66	2.28	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-08	Instrumnet Name :	P8
Client Sample ID :	MH1PT9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:40:53	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27456.29	28304.68	28333.67	28031.55	1.78	ppb
Antimony	121-1	4.78	4.88	4.87	4.85	1.13	ppb
Arsenic	75-2	48.91	48.94	49.49	49.11	0.67	ppb
Barium	135-1	675.27	666.04	687.40	676.24	1.58	ppb
Barium	137-1	694.90	673.44	685.93	684.76	1.57	ppb
Beryllium	9-1	1.78	1.76	1.70	1.75	2.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	14.82	14.45	14.78	14.68	1.39	ppb
Boron	11-1	14.81	14.80	14.96	14.86	0.59	ppb
Bromine	81-1						cps
Cadmium	111-1	7.80	7.82	7.62	7.75	1.40	ppb
Cadmium	106-1	7.49	7.28	6.76	7.18	5.22	ppb
Cadmium	108-1	6.21	7.14	7.08	6.81	7.62	ppb
Calcium	43-1	197146.36	184791.61	198353.36	193430.45	3.88	ppb
Calcium	44-1	193521.24	190482.77	201186.72	195063.58	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.98	50.52	51.15	50.55	1.15	ppb
Cobalt	59-2	23.02	23.51	23.26	23.26	1.04	ppb
Copper	63-2	108.35	109.72	110.05	109.37	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	82195.05	83671.65	82321.18	82729.29	0.99	ppb
Iron	56-2	83919.46	85364.03	83962.33	84415.27	0.97	ppb
Iron	57-2	85295.01	84642.26	83990.21	84642.49	0.77	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-08	Instrumnet Name :	P8
Client Sample ID :	MH1PT9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:40:53	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	391.47	364.94	392.20	382.87	4.06	ppb
Lead	207-1	385.08	365.81	379.70	376.86	2.64	ppb
Lead	208-1	380.65	361.98	378.09	373.58	2.71	ppb
Lithium	6-1				111		%
Magnesium	24-2	14145.39	14232.65	14116.45	14164.83	0.43	ppb
Manganese	55-2	881.13	893.18	849.84	874.72	2.56	ppb
Molybdenum	94-1	9.34	9.05	8.78	9.06	3.10	ppb
Molybdenum	95-1	6.24	5.83	5.86	5.98	3.82	ppb
Molybdenum	96-1	8.36	8.13	8.07	8.18	1.87	ppb
Molybdenum	97-1	6.45	6.14	6.14	6.24	2.82	ppb
Molybdenum	98-1	6.05	5.83	5.89	5.92	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.76	64.45	64.93	64.38	0.91	ppb
Phosphorus	31-2	3881.35	3843.29	3914.91	3879.85	0.92	ppb
Potassium	39-2	5971.34	6154.08	6118.58	6081.33	1.59	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	3.29	4.36	5.02	4.22	20.68	ppb
Selenium	77-2	41.08	38.15	52.55	43.93	17.32	ppb
Selenium	78-2	9.48	7.98	8.79	8.75	8.60	ppb
Silicon	28-1	115.72	111.74	108.58	112.01	3.19	ppb
Silver	107-1	1.23	1.20	1.20	1.21	1.71	ppb
Silver	109-1	1.16	1.23	1.29	1.23	5.29	ppb
Sodium	23-2	867.41	857.32	862.18	862.30	0.59	ppb
Strontium	86-1	470.14	453.35	450.15	457.88	2.35	ppb
Strontium	88-1	456.74	441.17	448.69	448.87	1.73	ppb
Sulfur	34-1	1295.36	978.98	943.49	1072.61	18.06	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.82	0.79	0.79	0.80	1.95	ppb
Thallium	205-1	0.84	0.82	0.84	0.83	1.50	ppb
Tin	118-1	7.69	7.65	7.67	7.67	0.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-08	Instrumnet Name :	P8
Client Sample ID :	MH1PT9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:40:53	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	552.22	541.08	535.72	543.00	1.55	ppb
Uranium	238-1	6.37	6.34	6.33	6.35	0.35	ppb
Vanadium	51-2	183.54	187.65	185.36	185.52	1.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	428.80	434.39	428.75	430.65	0.75	ppb
Zirconium	90-1	2.02	2.04	2.07	2.04	1.38	ppb
Zirconium	91-1	2.11	2.06	2.05	2.08	1.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-09	Instrumnet Name :	P8
Client Sample ID :	MH1PW0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:43:49	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21469.21	22119.39	22036.98	21875.19	1.62	ppb
Antimony	121-1	5.88	5.95	5.72	5.85	2.07	ppb
Arsenic	75-2	40.43	39.46	40.52	40.14	1.46	ppb
Barium	135-1	659.67	636.16	619.14	638.32	3.19	ppb
Barium	137-1	644.64	628.01	609.99	627.55	2.76	ppb
Beryllium	9-1	1.69	1.72	1.57	1.66	4.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	26.53	28.38	27.59	27.50	3.36	ppb
Boron	11-1	27.67	28.91	27.88	28.15	2.37	ppb
Bromine	81-1						cps
Cadmium	111-1	11.15	10.74	10.67	10.85	2.37	ppb
Cadmium	106-1	11.40	11.00	9.28	10.56	10.66	ppb
Cadmium	108-1	11.16	11.72	10.45	11.11	5.72	ppb
Calcium	43-1	130050.12	137794.27	131514.95	133119.78	3.09	ppb
Calcium	44-1	131992.80	136477.51	133339.81	133936.70	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.52	53.16	53.88	53.52	0.68	ppb
Cobalt	59-2	19.87	19.93	20.23	20.01	0.96	ppb
Copper	63-2	158.12	157.90	158.95	158.32	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	78175.17	78024.27	77925.21	78041.55	0.16	ppb
Iron	56-2	79527.36	79663.61	79403.03	79531.33	0.16	ppb
Iron	57-2	78458.94	79787.70	78464.21	78903.62	0.97	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-09	Instrumnet Name :	P8
Client Sample ID :	MH1PW0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:43:49	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	845.90	786.29	815.25	815.81	3.65	ppb
Lead	207-1	817.60	802.30	813.21	811.04	0.97	ppb
Lead	208-1	817.92	805.22	808.29	810.48	0.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	13919.22	13833.05	13963.09	13905.12	0.48	ppb
Manganese	55-2	1285.36	1304.28	1313.68	1301.11	1.11	ppb
Molybdenum	94-1	7.94	7.57	8.18	7.90	3.93	ppb
Molybdenum	95-1	5.64	5.63	5.88	5.72	2.56	ppb
Molybdenum	96-1	7.38	7.24	7.77	7.46	3.69	ppb
Molybdenum	97-1	5.81	5.42	5.94	5.72	4.69	ppb
Molybdenum	98-1	5.51	5.29	5.65	5.48	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.79	46.71	47.22	46.91	0.59	ppb
Phosphorus	31-2	7591.32	7839.47	7619.56	7683.45	1.77	ppb
Potassium	39-2	8828.87	8529.98	8762.04	8706.96	1.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	5.14	4.78	4.94	4.96	3.63	ppb
Selenium	77-2	40.28	40.24	29.12	36.55	17.60	ppb
Selenium	78-2	7.52	6.84	8.22	7.53	9.20	ppb
Silicon	28-1	81.54	84.55	79.25	81.78	3.25	ppb
Silver	107-1	2.47	2.44	2.36	2.43	2.37	ppb
Silver	109-1	2.43	2.43	2.36	2.41	1.58	ppb
Sodium	23-2	707.98	707.54	717.06	710.86	0.76	ppb
Strontium	86-1	578.32	567.46	589.65	578.47	1.92	ppb
Strontium	88-1	569.27	542.02	579.35	563.54	3.43	ppb
Sulfur	34-1	2511.71	2778.39	2343.16	2544.42	8.62	ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	0.70	0.64	0.65	0.66	5.45	ppb
Thallium	205-1	0.73	0.64	0.65	0.67	7.70	ppb
Tin	118-1	17.60	17.48	16.91	17.33	2.12	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-09	Instrumnet Name :	P8
Client Sample ID :	MH1PW0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:43:49	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	399.57	415.31	396.29	403.72	2.52	ppb
Uranium	238-1	5.89	6.07	5.98	5.98	1.52	ppb
Vanadium	51-2	141.70	141.69	140.35	141.25	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	1365.61	1366.57	1382.43	1371.54	0.69	ppb
Zirconium	90-1	1.62	1.55	1.66	1.61	3.65	ppb
Zirconium	91-1	1.62	1.51	1.79	1.64	8.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-10	Instrumnet Name :	P8
Client Sample ID :	MH1PW1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:46:41	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24528.31	24987.88	23822.57	24446.25	2.40	ppb
Antimony	121-1	6.41	6.44	6.46	6.44	0.38	ppb
Arsenic	75-2	51.31	49.61	48.41	49.78	2.92	ppb
Barium	135-1	650.82	645.21	657.65	651.23	0.96	ppb
Barium	137-1	635.44	619.87	623.92	626.41	1.29	ppb
Beryllium	9-1	1.83	1.82	1.76	1.80	1.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	21.41	23.12	22.40	22.31	3.85	ppb
Boron	11-1	21.92	23.44	23.23	22.86	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	15.60	15.33	15.20	15.38	1.33	ppb
Cadmium	106-1	13.95	13.16	12.72	13.27	4.68	ppb
Cadmium	108-1	14.06	14.11	14.17	14.11	0.39	ppb
Calcium	43-1	138609.53	145416.60	141780.75	141935.63	2.40	ppb
Calcium	44-1	139866.88	144556.06	141575.10	141999.35	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.84	50.69	49.27	50.93	3.52	ppb
Cobalt	59-2	22.87	22.39	21.83	22.36	2.33	ppb
Copper	63-2	180.37	177.93	170.31	176.20	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	85225.59	84773.79	82675.48	84224.95	1.62	ppb
Iron	56-2	86164.71	86076.10	83892.71	85377.84	1.51	ppb
Iron	57-2	87033.57	85465.91	85111.80	85870.43	1.19	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-10	Instrumnet Name :	P8
Client Sample ID :	MH1PW1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:46:41	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	979.25	997.83	1022.12	999.73	2.15	ppb
Lead	207-1	965.90	941.91	986.31	964.71	2.30	ppb
Lead	208-1	986.41	962.61	981.48	976.83	1.29	ppb
Lithium	6-1				107		%
Magnesium	24-2	13844.11	13826.22	13310.55	13660.29	2.22	ppb
Manganese	55-2	1306.18	1294.51	1253.06	1284.58	2.17	ppb
Molybdenum	94-1	8.75	8.77	9.14	8.89	2.50	ppb
Molybdenum	95-1	6.25	6.10	6.32	6.22	1.82	ppb
Molybdenum	96-1	8.07	8.13	8.10	8.10	0.38	ppb
Molybdenum	97-1	6.41	5.90	6.30	6.20	4.33	ppb
Molybdenum	98-1	6.01	5.98	6.24	6.08	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.45	56.59	55.66	56.90	2.50	ppb
Phosphorus	31-2	6320.87	6387.21	6116.33	6274.80	2.25	ppb
Potassium	39-2	6908.69	6608.31	6493.57	6670.19	3.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	5.53	5.48	4.55	5.19	10.55	ppb
Selenium	77-2	47.60	34.15	49.00	43.58	18.81	ppb
Selenium	78-2	10.13	9.59	9.61	9.78	3.15	ppb
Silicon	28-1	105.23	104.18	103.37	104.26	0.89	ppb
Silver	107-1	3.22	3.24	3.27	3.24	0.76	ppb
Silver	109-1	3.17	3.16	3.23	3.19	1.06	ppb
Sodium	23-2	958.68	975.56	922.14	952.13	2.87	ppb
Strontium	86-1	522.44	522.67	518.93	521.35	0.40	ppb
Strontium	88-1	512.67	515.92	522.59	517.06	0.98	ppb
Sulfur	34-1	2020.77	1881.38	1755.19	1885.78	7.04	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.79	0.85	0.87	0.84	5.13	ppb
Thallium	205-1	0.83	0.88	0.87	0.86	3.23	ppb
Tin	118-1	20.95	20.49	20.38	20.61	1.46	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-10	Instrumnet Name :	P8
Client Sample ID :	MH1PW1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:46:41	DataFile Name :	058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	506.37	508.47	512.33	509.06	0.59	ppb
Uranium	238-1	5.44	5.77	5.75	5.66	3.27	ppb
Vanadium	51-2	156.70	155.27	149.67	153.88	2.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	1237.47	1213.01	1181.09	1210.52	2.34	ppb
Zirconium	90-1	1.96	1.94	2.00	1.97	1.59	ppb
Zirconium	91-1	1.95	1.90	2.19	2.02	7.69	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-11	Instrumnet Name :	P8
Client Sample ID :	MH1PW2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:49:37	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26838.76	26748.56	26443.38	26676.90	0.78	ppb
Antimony	121-1	5.56	5.73	5.68	5.66	1.54	ppb
Arsenic	75-2	52.03	50.03	48.42	50.16	3.61	ppb
Barium	135-1	657.45	643.73	626.00	642.39	2.45	ppb
Barium	137-1	617.40	636.43	617.73	623.85	1.75	ppb
Beryllium	9-1	1.83	1.70	1.84	1.79	4.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	16.41	16.47	16.78	16.55	1.19	ppb
Boron	11-1	17.46	16.72	17.27	17.15	2.25	ppb
Bromine	81-1						cps
Cadmium	111-1	13.65	14.03	13.59	13.76	1.74	ppb
Cadmium	106-1	12.70	13.60	11.90	12.73	6.68	ppb
Cadmium	108-1	11.62	12.53	11.27	11.81	5.50	ppb
Calcium	43-1	162035.71	165215.09	162455.29	163235.36	1.06	ppb
Calcium	44-1	162539.72	165680.18	160255.67	162825.19	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.11	54.12	53.82	54.35	1.24	ppb
Cobalt	59-2	22.61	22.60	22.30	22.51	0.78	ppb
Copper	63-2	146.87	144.69	147.41	146.32	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				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	90956.29	92009.75	91018.90	91328.31	0.65	ppb
Iron	56-2	90855.20	92242.78	90965.16	91354.38	0.84	ppb
Iron	57-2	91407.33	96294.20	90533.52	92745.02	3.35	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-11	Instrumnet Name :	P8
Client Sample ID :	MH1PW2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:49:37	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	714.20	712.18	698.90	708.43	1.17	ppb
Lead	207-1	697.25	698.33	671.68	689.09	2.19	ppb
Lead	208-1	693.94	688.97	676.89	686.60	1.28	ppb
Lithium	6-1				105		%
Magnesium	24-2	13940.22	13891.48	13724.96	13852.22	0.81	ppb
Manganese	55-2	1081.40	1127.17	1120.43	1109.67	2.23	ppb
Molybdenum	94-1	9.25	9.47	9.33	9.35	1.19	ppb
Molybdenum	95-1	6.15	6.11	6.03	6.10	1.03	ppb
Molybdenum	96-1	8.31	8.29	8.42	8.34	0.79	ppb
Molybdenum	97-1	6.07	6.23	6.36	6.22	2.38	ppb
Molybdenum	98-1	5.85	5.98	5.96	5.93	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.62	111.52	106.25	109.13	2.44	ppb
Phosphorus	31-2	4864.30	4691.42	4761.34	4772.35	1.82	ppb
Potassium	39-2	6480.26	6619.37	6567.14	6555.59	1.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	4.59	4.52	3.19	4.10	19.28	ppb
Selenium	77-2	40.75	41.55	38.76	40.35	3.56	ppb
Selenium	78-2	9.04	8.06	10.15	9.08	11.55	ppb
Silicon	28-1	213.30	217.48	211.17	213.98	1.50	ppb
Silver	107-1	2.70	2.60	2.51	2.60	3.59	ppb
Silver	109-1	2.57	2.53	2.51	2.54	1.34	ppb
Sodium	23-2	818.26	847.72	842.41	836.13	1.88	ppb
Strontium	86-1	435.48	451.81	444.50	443.93	1.84	ppb
Strontium	88-1	422.82	445.13	445.76	437.90	2.98	ppb
Sulfur	34-1	1782.14	1592.89	1546.74	1640.59	7.60	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	0.83	0.81	0.90	0.84	5.51	ppb
Thallium	205-1	0.86	0.89	0.86	0.87	2.15	ppb
Tin	118-1	14.00	14.23	13.59	13.94	2.33	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-11	Instrumnet Name :	P8
Client Sample ID :	MH1PW2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:49:37	DataFile Name :	059AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	611.37	598.27	615.24	608.29	1.46	ppb
Uranium	238-1	5.64	5.71	5.75	5.70	0.99	ppb
Vanadium	51-2	177.13	178.04	177.15	177.44	0.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	724.90	721.80	720.14	722.28	0.33	ppb
Zirconium	90-1	2.30	2.25	2.25	2.27	1.34	ppb
Zirconium	91-1	2.23	2.32	2.25	2.27	2.07	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-12	Instrumnet Name :	P8
Client Sample ID :	MH1PW3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:52:30	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28352.68	28374.59	29238.08	28655.12	1.76	ppb
Antimony	121-1	4.39	4.49	4.49	4.46	1.29	ppb
Arsenic	75-2	49.17	48.34	46.49	48.00	2.85	ppb
Barium	135-1	706.84	726.12	726.43	719.79	1.56	ppb
Barium	137-1	696.49	717.82	702.49	705.60	1.56	ppb
Beryllium	9-1	1.76	1.69	1.70	1.72	2.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	11.19	11.45	12.03	11.56	3.70	ppb
Boron	11-1	11.65	11.42	12.05	11.71	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	4.95	4.83	5.04	4.94	2.06	ppb
Cadmium	106-1	5.46	5.61	5.76	5.61	2.73	ppb
Cadmium	108-1	3.96	4.34	4.15	4.15	4.62	ppb
Calcium	43-1	220255.35	219599.49	233088.57	224314.47	3.39	ppb
Calcium	44-1	218420.23	222519.22	240235.96	227058.47	5.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.47	50.80	49.65	49.97	1.45	ppb
Cobalt	59-2	23.22	23.23	22.37	22.94	2.15	ppb
Copper	63-2	87.21	87.09	85.79	86.70	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	84925.13	82518.17	78318.71	81920.67	4.08	ppb
Iron	56-2	84222.61	82389.55	82250.06	82954.07	1.33	ppb
Iron	57-2	82515.91	86272.06	81126.01	83304.66	3.20	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-12	Instrumnet Name :	P8
Client Sample ID :	MH1PW3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:52:30	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	140.56	141.60	148.11	143.42	2.85	ppb
Lead	207-1	137.22	139.63	144.50	140.45	2.64	ppb
Lead	208-1	142.80	142.42	146.58	143.93	1.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	14366.13	14653.77	14341.90	14453.94	1.20	ppb
Manganese	55-2	815.79	791.37	772.49	793.22	2.74	ppb
Molybdenum	94-1	9.30	9.16	9.40	9.29	1.30	ppb
Molybdenum	95-1	6.03	6.06	6.25	6.11	1.98	ppb
Molybdenum	96-1	8.30	8.19	7.89	8.13	2.58	ppb
Molybdenum	97-1	6.18	6.12	5.99	6.10	1.61	ppb
Molybdenum	98-1	6.22	6.01	5.98	6.07	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.75	85.56	83.26	84.19	1.44	ppb
Phosphorus	31-2	3389.43	3476.05	3367.54	3411.01	1.68	ppb
Potassium	39-2	6410.90	6457.22	6276.59	6381.57	1.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	3.65	4.42	4.14	4.07	9.54	ppb
Selenium	77-2	43.62	38.33	44.27	42.07	7.74	ppb
Selenium	78-2	8.50	9.27	8.50	8.75	5.10	ppb
Silicon	28-1	139.98	127.33	147.09	138.14	7.25	ppb
Silver	107-1	0.62	0.66	0.63	0.64	2.55	ppb
Silver	109-1	0.69	0.65	0.66	0.67	3.32	ppb
Sodium	23-2	679.17	664.48	677.29	673.64	1.19	ppb
Strontium	86-1	488.81	479.86	485.11	484.60	0.93	ppb
Strontium	88-1	477.03	474.13	475.26	475.47	0.31	ppb
Sulfur	34-1	2022.27	1719.21	2234.22	1991.90	12.99	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.82	0.73	0.82	0.79	6.78	ppb
Thallium	205-1	0.75	0.80	0.81	0.79	4.07	ppb
Tin	118-1	3.18	3.38	3.13	3.23	4.19	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-12	Instrumnet Name :	P8
Client Sample ID :	MH1PW3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:52:30	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	526.52	508.61	531.10	522.08	2.28	ppb
Uranium	238-1	5.91	6.13	6.47	6.17	4.55	ppb
Vanadium	51-2	187.93	192.39	188.72	189.68	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				115		%
Zinc	66-2	240.29	242.43	237.59	240.11	1.01	ppb
Zirconium	90-1	2.24	2.24	2.30	2.26	1.55	ppb
Zirconium	91-1	2.25	2.26	2.34	2.28	2.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-13	Instrumnet Name :	P8
Client Sample ID :	MH1PW4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:55:25	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20773.14	20730.65	19574.62	20359.47	3.34	ppb
Antimony	121-1	5.78	5.75	5.98	5.84	2.16	ppb
Arsenic	75-2	37.67	37.66	36.34	37.22	2.05	ppb
Barium	135-1	666.20	693.62	733.22	697.68	4.83	ppb
Barium	137-1	663.69	667.16	702.89	677.91	3.20	ppb
Beryllium	9-1	1.65	1.65	1.71	1.67	2.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	26.28	27.00	26.31	26.53	1.54	ppb
Boron	11-1	26.46	26.87	28.18	27.17	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	9.59	9.83	10.38	9.93	4.04	ppb
Cadmium	106-1	9.88	10.08	11.16	10.37	6.66	ppb
Cadmium	108-1	10.38	9.68	10.30	10.12	3.80	ppb
Calcium	43-1	138559.73	137472.95	135286.05	137106.24	1.22	ppb
Calcium	44-1	140667.07	138603.27	137842.69	139037.68	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.54	56.04	54.89	55.16	1.43	ppb
Cobalt	59-2	19.72	19.48	19.39	19.53	0.89	ppb
Copper	63-2	161.08	161.25	156.60	159.64	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	77162.49	77528.62	77258.02	77316.37	0.25	ppb
Iron	56-2	77804.03	77325.30	75305.36	76811.56	1.73	ppb
Iron	57-2	77688.18	77245.25	76147.55	77026.99	1.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-13	Instrumnet Name :	P8
Client Sample ID :	MH1PW4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:55:25	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	869.44	838.71	909.56	872.57	4.07	ppb
Lead	207-1	838.29	849.64	884.40	857.44	2.80	ppb
Lead	208-1	846.19	854.12	883.08	861.13	2.25	ppb
Lithium	6-1				105		%
Magnesium	24-2	14050.81	14110.44	13192.56	13784.61	3.73	ppb
Manganese	55-2	1298.29	1294.65	1279.71	1290.88	0.76	ppb
Molybdenum	94-1	8.63	8.92	8.97	8.84	2.11	ppb
Molybdenum	95-1	5.56	5.72	5.65	5.64	1.46	ppb
Molybdenum	96-1	7.55	7.61	7.64	7.60	0.59	ppb
Molybdenum	97-1	5.52	5.51	5.86	5.63	3.51	ppb
Molybdenum	98-1	5.32	5.45	5.63	5.46	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.11	45.46	44.90	45.49	1.33	ppb
Phosphorus	31-2	8342.35	8395.28	8298.30	8345.31	0.58	ppb
Potassium	39-2	10466.47	10407.19	10428.16	10433.94	0.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	4.57	4.98	4.83	4.79	4.29	ppb
Selenium	77-2	39.71	38.98	31.90	36.86	11.70	ppb
Selenium	78-2	8.08	7.56	9.06	8.23	9.26	ppb
Silicon	28-1	85.57	90.18	92.01	89.25	3.72	ppb
Silver	107-1	2.20	2.31	2.35	2.29	3.36	ppb
Silver	109-1	2.30	2.34	2.51	2.38	4.76	ppb
Sodium	23-2	595.69	593.65	573.94	587.76	2.04	ppb
Strontium	86-1	593.83	568.96	576.58	579.79	2.20	ppb
Strontium	88-1	573.01	566.07	590.56	576.55	2.19	ppb
Sulfur	34-1	2371.25	2256.38	2296.70	2308.11	2.52	ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	0.58	0.60	0.57	0.58	2.36	ppb
Thallium	205-1	0.61	0.60	0.61	0.61	0.84	ppb
Tin	118-1	22.00	22.53	23.10	22.54	2.43	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-13	Instrumnet Name :	P8
Client Sample ID :	MH1PW4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:55:25	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	400.78	409.44	426.00	412.07	3.11	ppb
Uranium	238-1	6.73	6.67	6.99	6.80	2.54	ppb
Vanadium	51-2	142.24	140.15	136.84	139.74	1.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	1392.62	1388.88	1385.50	1389.00	0.26	ppb
Zirconium	90-1	2.13	2.12	2.15	2.13	0.82	ppb
Zirconium	91-1	2.07	2.08	2.09	2.08	0.50	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-14	Instrumnet Name :	P8
Client Sample ID :	MH1PW5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:58:18	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20049.61	20849.38	20728.71	20542.57	2.10	ppb
Antimony	121-1	6.06	5.95	5.63	5.88	3.80	ppb
Arsenic	75-2	36.63	36.11	36.40	36.38	0.71	ppb
Barium	135-1	740.45	693.16	663.28	698.96	5.57	ppb
Barium	137-1	694.34	682.72	661.08	679.38	2.48	ppb
Beryllium	9-1	1.87	1.86	1.88	1.87	0.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	26.23	26.37	27.28	26.63	2.15	ppb
Boron	11-1	27.93	27.83	27.60	27.79	0.59	ppb
Bromine	81-1						cps
Cadmium	111-1	9.47	9.47	9.09	9.34	2.36	ppb
Cadmium	106-1	9.75	8.27	8.73	8.92	8.46	ppb
Cadmium	108-1	10.23	9.94	9.89	10.02	1.85	ppb
Calcium	43-1	144425.08	136763.08	138426.87	139871.67	2.88	ppb
Calcium	44-1	141878.33	144275.99	141578.44	142577.59	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.07	48.45	49.07	48.53	1.04	ppb
Cobalt	59-2	19.90	20.38	20.45	20.25	1.47	ppb
Copper	63-2	151.37	152.63	156.88	153.63	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				107		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	71827.89	71978.52	72908.69	72238.37	0.81	ppb
Iron	56-2	69395.57	72107.93	74296.41	71933.31	3.41	ppb
Iron	57-2	71098.43	72469.80	74110.24	72559.49	2.08	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-14	Instrumnet Name :	P8
Client Sample ID :	MH1PW5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:58:18	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	879.03	845.43	826.57	850.34	3.12	ppb
Lead	207-1	840.89	833.13	795.21	823.07	2.97	ppb
Lead	208-1	839.81	825.77	808.00	824.53	1.93	ppb
Lithium	6-1				100		%
Magnesium	24-2	12814.51	13024.42	12977.10	12938.68	0.85	ppb
Manganese	55-2	1186.02	1241.84	1243.88	1223.91	2.68	ppb
Molybdenum	94-1	8.55	7.86	7.64	8.02	5.97	ppb
Molybdenum	95-1	5.97	5.79	5.61	5.79	3.14	ppb
Molybdenum	96-1	7.75	7.41	7.35	7.50	2.84	ppb
Molybdenum	97-1	5.95	5.85	5.33	5.71	5.88	ppb
Molybdenum	98-1	5.77	5.77	5.53	5.69	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.29	48.34	50.73	49.12	2.83	ppb
Phosphorus	31-2	7249.72	7339.02	7575.39	7388.04	2.28	ppb
Potassium	39-2	8327.64	8474.47	8743.87	8515.33	2.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	4.11	4.98	4.39	4.49	9.85	ppb
Selenium	77-2	39.76	38.79	31.46	36.67	12.37	ppb
Selenium	78-2	8.74	8.44	8.04	8.41	4.23	ppb
Silicon	28-1	118.59	112.22	112.05	114.29	3.26	ppb
Silver	107-1	2.38	2.24	2.08	2.23	6.58	ppb
Silver	109-1	2.33	2.17	2.20	2.23	3.68	ppb
Sodium	23-2	609.29	618.05	631.52	619.62	1.81	ppb
Strontium	86-1	593.86	579.58	566.26	579.90	2.38	ppb
Strontium	88-1	590.41	572.72	571.54	578.22	1.83	ppb
Sulfur	34-1	2761.05	2267.40	2339.81	2456.09	10.85	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.62	0.59	0.58	0.60	2.91	ppb
Thallium	205-1	0.58	0.61	0.59	0.60	2.42	ppb
Tin	118-1	22.70	21.79	21.26	21.91	3.32	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-14	Instrumnet Name :	P8
Client Sample ID :	MH1PW5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:58:18	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	379.29	344.87	368.99	364.39	4.85	ppb
Uranium	238-1	5.31	5.32	5.19	5.27	1.42	ppb
Vanadium	51-2	131.50	134.75	135.34	133.86	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				114		%
Zinc	66-2	1166.33	1186.59	1206.58	1186.50	1.70	ppb
Zirconium	90-1	1.69	1.66	1.61	1.66	2.62	ppb
Zirconium	91-1	1.64	1.68	1.59	1.64	2.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-15	Instrumnet Name :	P8
Client Sample ID :	MH1PW6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:01:14	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19586.50	21970.18	24802.09	22119.59	11.80	ppb
Antimony	121-1	6.76	6.78	6.43	6.66	2.96	ppb
Arsenic	75-2	43.54	49.21	56.18	49.64	12.75	ppb
Barium	135-1	795.37	816.23	763.33	791.64	3.37	ppb
Barium	137-1	806.35	799.20	732.14	779.23	5.25	ppb
Beryllium	9-1	2.06	1.84	1.81	1.90	7.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	21.58	20.48	20.80	20.95	2.70	ppb
Boron	11-1	22.27	21.43	21.58	21.76	2.08	ppb
Bromine	81-1						cps
Cadmium	111-1	11.68	11.43	10.20	11.10	7.16	ppb
Cadmium	106-1	12.33	11.76	9.98	11.36	10.81	ppb
Cadmium	108-1	10.22	10.27	9.39	9.96	4.96	ppb
Calcium	43-1	129428.77	121689.08	121962.53	124360.13	3.53	ppb
Calcium	44-1	127921.86	123433.94	122907.50	124754.43	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.46	53.09	60.75	53.43	13.38	ppb
Cobalt	59-2	19.04	21.28	24.13	21.48	11.89	ppb
Copper	63-2	138.83	159.43	180.73	159.66	13.12	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				107		%
Holmium	165-2				112		%
Indium	115-1				100		%
Indium	115-2				109		%
Iron	54-2	80583.86	91123.38	101159.81	90955.68	11.31	ppb
Iron	56-2	81156.44	91460.15	102926.12	91847.57	11.86	ppb
Iron	57-2	77685.28	90101.50	104079.79	90622.19	14.57	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-15	Instrumnet Name :	P8
Client Sample ID :	MH1PW6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:01:14	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1132.31	1066.74	1087.57	1095.54	3.06	ppb
Lead	207-1	1074.38	1051.03	1067.33	1064.25	1.13	ppb
Lead	208-1	1103.67	1053.73	1074.31	1077.23	2.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	10137.45	11696.03	13069.70	11634.39	12.61	ppb
Manganese	55-2	1065.18	1217.92	1359.78	1214.30	12.13	ppb
Molybdenum	94-1	9.67	9.59	9.60	9.62	0.44	ppb
Molybdenum	95-1	5.40	5.57	5.44	5.47	1.62	ppb
Molybdenum	96-1	7.96	7.88	8.10	7.98	1.41	ppb
Molybdenum	97-1	5.51	5.54	5.42	5.49	1.09	ppb
Molybdenum	98-1	5.36	5.42	5.29	5.36	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.51	51.85	58.05	51.80	12.11	ppb
Phosphorus	31-2	4266.91	4872.92	5581.77	4907.20	13.41	ppb
Potassium	39-2	5528.76	6384.47	7207.24	6373.49	13.17	ppb
Rhodium	103-1				99		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	82-1	3.97	4.90	4.65	4.50	10.63	ppb
Selenium	77-2	40.22	31.04	41.57	37.61	15.23	ppb
Selenium	78-2	7.07	6.79	9.12	7.66	16.64	ppb
Silicon	28-1	218.33	208.74	212.72	213.26	2.26	ppb
Silver	107-1	3.04	3.04	2.86	2.98	3.53	ppb
Silver	109-1	3.10	3.06	2.95	3.04	2.66	ppb
Sodium	23-2	611.25	708.22	786.72	702.06	12.52	ppb
Strontium	86-1	485.09	479.93	467.05	477.35	1.95	ppb
Strontium	88-1	463.99	473.23	464.45	467.22	1.11	ppb
Sulfur	34-1	1876.44	1828.40	1704.46	1803.10	4.92	ppb
Terbium	159-1				102		%
Terbium	159-2				111		%
Thallium	203-1	0.61	0.65	0.66	0.64	4.15	ppb
Thallium	205-1	0.67	0.63	0.64	0.64	3.25	ppb
Tin	118-1	31.24	30.50	29.85	30.53	2.28	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-15	Instrumnet Name :	P8
Client Sample ID :	MH1PW6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:01:14	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	593.31	582.81	565.27	580.46	2.44	ppb
Uranium	238-1	4.63	4.54	4.52	4.56	1.22	ppb
Vanadium	51-2	154.43	173.20	195.57	174.40	11.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				118		%
Zinc	66-2	805.20	934.06	1026.95	922.07	12.08	ppb
Zirconium	90-1	2.65	2.62	2.62	2.63	0.54	ppb
Zirconium	91-1	2.61	2.58	2.63	2.61	1.01	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-16	Instrumnet Name :	P8
Client Sample ID :	MH1PW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:04:08	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21753.81	21607.89	20583.84	21315.18	2.99	ppb
Antimony	121-1	7.35	7.27	7.25	7.29	0.69	ppb
Arsenic	75-2	51.66	51.70	51.81	51.73	0.15	ppb
Barium	135-1	553.58	579.34	564.91	565.94	2.28	ppb
Barium	137-1	558.18	546.48	561.35	555.34	1.41	ppb
Beryllium	9-1	1.69	1.77	1.67	1.71	3.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	16.07	16.00	15.79	15.95	0.90	ppb
Boron	11-1	16.06	16.81	16.71	16.53	2.46	ppb
Bromine	81-1						cps
Cadmium	111-1	10.55	10.74	10.78	10.69	1.16	ppb
Cadmium	106-1	10.47	9.67	9.75	9.96	4.39	ppb
Cadmium	108-1	9.80	9.20	9.50	9.50	3.13	ppb
Calcium	43-1	104471.58	101703.85	101579.64	102585.02	1.59	ppb
Calcium	44-1	104489.13	102338.47	102841.35	103222.98	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.32	51.00	50.93	51.42	1.53	ppb
Cobalt	59-2	21.65	20.90	20.63	21.06	2.52	ppb
Copper	63-2	127.88	122.90	120.33	123.71	3.10	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				104		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	86447.37	83357.40	83166.56	84323.78	2.18	ppb
Iron	56-2	87025.73	83697.01	82259.01	84327.25	2.90	ppb
Iron	57-2	87237.47	84775.92	83905.95	85306.45	2.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-16	Instrumnet Name :	P8
Client Sample ID :	MH1PW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:04:08	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	984.58	975.62	982.55	980.92	0.48	ppb
Lead	207-1	956.67	955.53	940.66	950.95	0.94	ppb
Lead	208-1	966.05	968.00	954.19	962.74	0.78	ppb
Lithium	6-1				97		%
Magnesium	24-2	11545.73	11535.28	11087.02	11389.34	2.30	ppb
Manganese	55-2	969.52	968.84	927.96	955.44	2.49	ppb
Molybdenum	94-1	9.39	9.30	9.27	9.32	0.69	ppb
Molybdenum	95-1	5.82	5.74	5.78	5.78	0.67	ppb
Molybdenum	96-1	7.99	7.81	8.19	7.99	2.36	ppb
Molybdenum	97-1	5.84	5.57	5.67	5.69	2.35	ppb
Molybdenum	98-1	5.69	5.54	5.42	5.55	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.64	76.97	77.05	77.22	0.47	ppb
Phosphorus	31-2	3705.37	3598.78	3488.26	3597.47	3.02	ppb
Potassium	39-2	6910.78	6732.19	6721.69	6788.22	1.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	3.99	2.64	1.63	2.76	42.99	ppb
Selenium	77-2	31.98	35.16	37.57	34.90	8.03	ppb
Selenium	78-2	7.84	7.86	7.60	7.77	1.87	ppb
Silicon	28-1	134.57	129.41	122.82	128.94	4.57	ppb
Silver	107-1	2.66	2.71	2.84	2.74	3.37	ppb
Silver	109-1	2.61	2.62	2.69	2.64	1.77	ppb
Sodium	23-2	692.38	693.62	679.29	688.43	1.15	ppb
Strontium	86-1	326.18	316.26	324.29	322.24	1.63	ppb
Strontium	88-1	319.38	312.63	321.48	317.83	1.46	ppb
Sulfur	34-1	1323.13	1663.28	1354.06	1446.82	13.00	ppb
Terbium	159-1				101		%
Terbium	159-2				109		%
Thallium	203-1	0.64	0.63	0.59	0.62	4.70	ppb
Thallium	205-1	0.64	0.62	0.61	0.62	3.12	ppb
Tin	118-1	24.84	24.73	24.53	24.70	0.63	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-16	Instrumnet Name :	P8
Client Sample ID :	MH1PW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:04:08	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	550.64	545.89	532.66	543.07	1.72	ppb
Uranium	238-1	4.21	4.24	4.01	4.15	3.09	ppb
Vanadium	51-2	169.16	163.11	160.29	164.19	2.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	629.12	626.17	618.10	624.46	0.91	ppb
Zirconium	90-1	2.54	2.42	2.43	2.46	2.64	ppb
Zirconium	91-1	2.45	2.47	2.52	2.48	1.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-17	Instrumnet Name :	P8
Client Sample ID :	MH1PW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:07:03	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22997.51	23493.92	22984.72	23158.72	1.25	ppb
Antimony	121-1	6.24	5.90	6.09	6.08	2.77	ppb
Arsenic	75-2	38.47	39.34	38.18	38.66	1.55	ppb
Barium	135-1	661.44	642.55	659.74	654.58	1.60	ppb
Barium	137-1	672.79	631.15	632.25	645.40	3.68	ppb
Beryllium	9-1	1.65	1.64	1.75	1.68	3.47	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	20.87	21.38	22.83	21.70	4.69	ppb
Boron	11-1	20.96	22.53	24.10	22.53	6.97	ppb
Bromine	81-1						cps
Cadmium	111-1	11.06	10.93	10.79	10.93	1.23	ppb
Cadmium	106-1	11.07	9.91	10.26	10.41	5.68	ppb
Cadmium	108-1	10.51	9.91	11.15	10.52	5.92	ppb
Calcium	43-1	119543.50	119837.63	124506.24	121295.79	2.30	ppb
Calcium	44-1	120963.78	123300.57	127661.96	123975.44	2.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.30	64.49	63.84	63.88	0.93	ppb
Cobalt	59-2	22.16	21.70	21.98	21.94	1.05	ppb
Copper	63-2	168.89	168.62	167.59	168.36	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				107		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	85220.00	86016.33	85117.04	85451.12	0.58	ppb
Iron	56-2	87754.88	87019.36	88625.24	87799.83	0.92	ppb
Iron	57-2	87129.97	89887.37	84412.53	87143.29	3.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-17	Instrumnet Name :	P8
Client Sample ID :	MH1PW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:07:03	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	995.13	1061.23	1019.96	1025.44	3.26	ppb
Lead	207-1	977.94	996.47	998.21	990.87	1.13	ppb
Lead	208-1	999.78	1015.66	1003.72	1006.38	0.82	ppb
Lithium	6-1				108		%
Magnesium	24-2	13521.92	13617.75	13362.68	13500.79	0.95	ppb
Manganese	55-2	1398.24	1369.34	1376.87	1381.48	1.09	ppb
Molybdenum	94-1	8.57	8.06	8.05	8.23	3.61	ppb
Molybdenum	95-1	6.29	6.28	6.06	6.21	2.06	ppb
Molybdenum	96-1	8.23	8.18	7.78	8.06	3.09	ppb
Molybdenum	97-1	6.30	6.37	5.99	6.22	3.28	ppb
Molybdenum	98-1	6.23	6.21	5.84	6.10	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.58	55.18	54.16	54.64	0.93	ppb
Phosphorus	31-2	6608.51	6964.72	6493.89	6689.04	3.67	ppb
Potassium	39-2	7407.88	7210.98	7500.88	7373.25	2.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	4.68	5.61	5.71	5.33	10.66	ppb
Selenium	77-2	43.95	42.22	40.04	42.07	4.66	ppb
Selenium	78-2	9.94	8.13	9.33	9.13	10.12	ppb
Silicon	28-1	96.11	98.04	98.71	97.62	1.38	ppb
Silver	107-1	2.16	2.20	2.36	2.24	4.55	ppb
Silver	109-1	2.33	2.30	2.31	2.31	0.61	ppb
Sodium	23-2	564.91	566.98	579.54	570.48	1.39	ppb
Strontium	86-1	484.15	483.78	474.57	480.83	1.13	ppb
Strontium	88-1	488.82	476.82	469.50	478.38	2.04	ppb
Sulfur	34-1	2138.52	2307.30	2503.84	2316.56	7.89	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.64	0.65	0.57	0.62	7.18	ppb
Thallium	205-1	0.66	0.66	0.62	0.65	3.75	ppb
Tin	118-1	30.55	29.74	29.39	29.89	1.98	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-17	Instrumnet Name :	P8
Client Sample ID :	MH1PW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:07:03	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	461.57	474.88	480.23	472.23	2.03	ppb
Uranium	238-1	5.41	5.49	5.36	5.42	1.21	ppb
Vanadium	51-2	154.11	156.39	159.03	156.51	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	1751.69	1747.63	1757.59	1752.31	0.29	ppb
Zirconium	90-1	1.55	1.57	1.50	1.54	2.30	ppb
Zirconium	91-1	1.64	1.58	1.54	1.59	3.01	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-18	Instrumnet Name :	P8
Client Sample ID :	MH1PW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:09:57	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25138.70	24708.16	26101.29	25316.05	2.82	ppb
Antimony	121-1	6.04	6.05	6.31	6.14	2.51	ppb
Arsenic	75-2	40.48	39.40	41.31	40.40	2.38	ppb
Barium	135-1	690.18	658.98	734.74	694.64	5.48	ppb
Barium	137-1	668.24	678.88	685.14	677.42	1.26	ppb
Beryllium	9-1	1.84	1.81	1.84	1.83	1.16	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	17.33	18.50	18.37	18.07	3.57	ppb
Boron	11-1	18.35	18.56	19.31	18.74	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	12.98	13.49	13.95	13.47	3.58	ppb
Cadmium	106-1	10.81	11.08	12.64	11.51	8.57	ppb
Cadmium	108-1	12.47	12.67	12.80	12.65	1.30	ppb
Calcium	43-1	129594.77	133153.95	130957.74	131235.49	1.37	ppb
Calcium	44-1	130619.46	135786.97	136796.25	134400.89	2.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.88	60.66	61.59	61.05	0.79	ppb
Cobalt	59-2	23.38	23.72	23.42	23.50	0.80	ppb
Copper	63-2	181.01	180.39	183.57	181.66	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	86979.07	84689.03	86688.02	86118.71	1.45	ppb
Iron	56-2	86026.28	86024.10	88877.15	86975.84	1.89	ppb
Iron	57-2	87104.13	88452.04	87249.83	87602.00	0.84	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-18	Instrumnet Name :	P8
Client Sample ID :	MH1PW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:09:57	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1054.13	1091.05	1054.66	1066.61	1.98	ppb
Lead	207-1	1042.01	1051.87	1033.10	1042.33	0.90	ppb
Lead	208-1	1045.23	1055.97	1041.96	1047.72	0.70	ppb
Lithium	6-1				104		%
Magnesium	24-2	13654.34	13226.20	13265.72	13382.09	1.77	ppb
Manganese	55-2	1299.95	1318.36	1344.98	1321.10	1.71	ppb
Molybdenum	94-1	8.76	9.03	9.12	8.97	2.06	ppb
Molybdenum	95-1	5.68	6.01	5.89	5.86	2.85	ppb
Molybdenum	96-1	8.05	8.19	7.97	8.07	1.37	ppb
Molybdenum	97-1	6.03	6.09	6.10	6.07	0.63	ppb
Molybdenum	98-1	5.64	5.73	5.90	5.76	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	76.01	74.88	75.32	75.40	0.76	ppb
Phosphorus	31-2	5570.38	5696.28	5459.77	5575.47	2.12	ppb
Potassium	39-2	6058.83	6101.71	6091.17	6083.91	0.37	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	4.28	3.75	4.90	4.31	13.37	ppb
Selenium	77-2	33.50	39.23	47.23	39.98	17.25	ppb
Selenium	78-2	9.30	8.63	9.47	9.13	4.89	ppb
Silicon	28-1	124.68	122.15	124.74	123.86	1.19	ppb
Silver	107-1	2.63	2.70	2.81	2.72	3.43	ppb
Silver	109-1	2.55	2.76	2.97	2.76	7.68	ppb
Sodium	23-2	3996.79	3922.06	4086.11	4001.65	2.05	ppb
Strontium	86-1	458.46	460.79	455.82	458.36	0.54	ppb
Strontium	88-1	447.37	453.50	466.44	455.77	2.14	ppb
Sulfur	34-1	2800.60	2662.84	2912.18	2791.87	4.47	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.71	0.75	0.72	0.73	3.09	ppb
Thallium	205-1	0.72	0.75	0.73	0.74	1.98	ppb
Tin	118-1	17.30	17.70	17.85	17.62	1.61	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-18	Instrumnet Name :	P8
Client Sample ID :	MH1PW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:09:57	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	533.07	542.19	539.52	538.26	0.87	ppb
Uranium	238-1	5.47	5.54	5.46	5.49	0.86	ppb
Vanadium	51-2	163.94	162.21	164.12	163.42	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	1384.17	1401.85	1443.65	1409.89	2.17	ppb
Zirconium	90-1	2.11	2.10	2.15	2.12	1.10	ppb
Zirconium	91-1	2.10	2.18	2.23	2.17	3.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-19	Instrumnet Name :	P8
Client Sample ID :	MH1PX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:12:53	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25586.58	24858.06	24781.66	25075.43	1.77	ppb
Antimony	121-1	4.15	4.14	4.22	4.17	1.02	ppb
Arsenic	75-2	37.25	37.87	37.37	37.50	0.88	ppb
Barium	135-1	595.29	583.44	599.31	592.68	1.39	ppb
Barium	137-1	588.46	592.75	598.22	593.14	0.82	ppb
Beryllium	9-1	1.66	1.75	1.70	1.70	2.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	11.21	11.91	11.57	11.56	3.01	ppb
Boron	11-1	11.37	11.82	12.07	11.75	3.00	ppb
Bromine	81-1						cps
Cadmium	111-1	8.21	7.91	8.17	8.10	2.03	ppb
Cadmium	106-1	7.58	7.45	9.17	8.07	11.85	ppb
Cadmium	108-1	7.03	7.44	6.54	7.00	6.42	ppb
Calcium	43-1	191988.05	202640.89	211997.57	202208.84	4.95	ppb
Calcium	44-1	194850.60	205252.44	214687.58	204930.21	4.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.32	41.29	41.67	41.76	1.25	ppb
Cobalt	59-2	21.17	20.40	20.78	20.78	1.86	ppb
Copper	63-2	111.81	110.61	110.46	110.96	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				106		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	71953.64	70898.45	70657.83	71169.97	0.97	ppb
Iron	56-2	71516.85	72559.38	71307.73	71794.65	0.93	ppb
Iron	57-2	72272.01	71159.08	70148.96	71193.35	1.49	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-19	Instrumnet Name :	P8
Client Sample ID :	MH1PX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:12:53	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	500.31	510.85	514.98	508.72	1.49	ppb
Lead	207-1	498.42	507.21	501.33	502.32	0.89	ppb
Lead	208-1	493.35	499.96	499.52	497.61	0.74	ppb
Lithium	6-1				103		%
Magnesium	24-2	12477.37	12688.53	12825.53	12663.81	1.38	ppb
Manganese	55-2	877.03	909.27	888.67	891.66	1.83	ppb
Molybdenum	94-1	8.34	8.40	8.53	8.42	1.14	ppb
Molybdenum	95-1	4.74	4.93	4.90	4.85	2.12	ppb
Molybdenum	96-1	6.62	6.84	6.54	6.67	2.28	ppb
Molybdenum	97-1	4.96	5.14	4.92	5.01	2.37	ppb
Molybdenum	98-1	4.84	4.86	4.71	4.80	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.34	48.12	46.76	47.41	1.43	ppb
Phosphorus	31-2	3823.75	3743.28	3476.51	3681.18	4.94	ppb
Potassium	39-2	4911.80	4727.18	4772.66	4803.88	2.00	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	4.12	3.09	3.39	3.53	15.04	ppb
Selenium	77-2	42.51	33.03	41.00	38.84	13.11	ppb
Selenium	78-2	7.23	7.16	9.31	7.90	15.47	ppb
Silicon	28-1	218.14	229.40	230.76	226.10	3.06	ppb
Silver	107-1	1.61	1.61	1.68	1.63	2.39	ppb
Silver	109-1	1.63	1.62	1.75	1.67	4.50	ppb
Sodium	23-2	339.74	341.73	344.21	341.89	0.66	ppb
Strontium	86-1	411.57	428.09	409.86	416.51	2.42	ppb
Strontium	88-1	410.61	422.09	415.83	416.17	1.38	ppb
Sulfur	34-1	542.48	955.15	973.41	823.68	29.59	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.70	0.77	0.70	0.72	5.74	ppb
Thallium	205-1	0.73	0.74	0.73	0.73	0.64	ppb
Tin	118-1	11.17	11.52	11.27	11.32	1.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-19	Instrumnet Name :	P8
Client Sample ID :	MH1PX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:12:53	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	450.78	468.51	488.83	469.37	4.06	ppb
Uranium	238-1	4.73	4.80	4.84	4.79	1.18	ppb
Vanadium	51-2	159.90	158.09	154.84	157.61	1.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	545.53	528.98	527.55	534.02	1.87	ppb
Zirconium	90-1	2.30	2.31	2.30	2.30	0.34	ppb
Zirconium	91-1	2.25	2.18	2.21	2.21	1.48	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-01	Instrumnet Name :	P8
Client Sample ID :	MH1PX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:15:46	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26496.90	28899.12	27477.01	27624.34	4.37	ppb
Antimony	121-1	4.22	4.37	4.47	4.35	2.99	ppb
Arsenic	75-2	48.53	46.63	47.48	47.55	2.00	ppb
Barium	135-1	696.52	710.54	690.96	699.34	1.44	ppb
Barium	137-1	687.26	672.43	683.64	681.11	1.14	ppb
Beryllium	9-1	1.79	1.65	1.76	1.73	4.25	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	9.69	8.65	9.77	9.37	6.70	ppb
Boron	11-1	9.71	9.16	9.51	9.46	2.94	ppb
Bromine	81-1						cps
Cadmium	111-1	7.79	8.05	7.79	7.88	1.93	ppb
Cadmium	106-1	7.59	8.64	7.98	8.07	6.60	ppb
Cadmium	108-1	6.87	6.93	6.94	6.91	0.50	ppb
Calcium	43-1	211772.35	214071.52	224214.99	216686.29	3.06	ppb
Calcium	44-1	217368.28	220017.07	223182.45	220189.27	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.83	48.42	48.01	48.09	0.63	ppb
Cobalt	59-2	21.99	22.54	22.20	22.24	1.26	ppb
Copper	63-2	86.28	90.04	89.74	88.69	2.36	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				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	78529.70	78870.59	78674.31	78691.53	0.22	ppb
Iron	56-2	80373.55	81242.23	79983.37	80533.05	0.80	ppb
Iron	57-2	80561.50	82985.95	80938.60	81495.35	1.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-01	Instrumnet Name :	P8
Client Sample ID :	MH1PX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:15:46	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	408.20	400.10	422.59	410.30	2.78	ppb
Lead	207-1	404.92	392.55	418.56	405.34	3.21	ppb
Lead	208-1	402.59	394.61	414.24	403.81	2.44	ppb
Lithium	6-1				106		%
Magnesium	24-2	14876.38	14612.65	14628.13	14705.72	1.01	ppb
Manganese	55-2	926.78	939.78	914.14	926.90	1.38	ppb
Molybdenum	94-1	10.42	10.34	10.11	10.29	1.56	ppb
Molybdenum	95-1	5.85	6.26	6.05	6.06	3.38	ppb
Molybdenum	96-1	8.12	8.32	8.00	8.14	1.97	ppb
Molybdenum	97-1	5.81	6.21	5.88	5.97	3.62	ppb
Molybdenum	98-1	5.98	5.99	5.92	5.96	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.70	51.97	52.45	52.04	0.73	ppb
Phosphorus	31-2	3220.58	3366.73	3452.70	3346.67	3.51	ppb
Potassium	39-2	5794.01	5589.54	5704.83	5696.13	1.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	4.49	4.46	3.26	4.07	17.19	ppb
Selenium	77-2	41.94	44.51	39.09	41.85	6.48	ppb
Selenium	78-2	8.48	9.52	7.71	8.57	10.61	ppb
Silicon	28-1	167.37	174.63	167.17	169.72	2.50	ppb
Silver	107-1	1.45	1.41	1.42	1.43	1.68	ppb
Silver	109-1	1.48	1.42	1.36	1.42	4.24	ppb
Sodium	23-2	372.04	375.67	368.85	372.18	0.92	ppb
Strontium	86-1	463.49	446.27	462.34	457.37	2.10	ppb
Strontium	88-1	445.75	459.51	450.81	452.02	1.54	ppb
Sulfur	34-1	586.05	792.08	743.41	707.18	15.23	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.78	0.85	0.75	0.79	6.54	ppb
Thallium	205-1	0.77	0.79	0.82	0.79	3.49	ppb
Tin	118-1	7.13	7.85	7.86	7.61	5.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-01	Instrumnet Name :	P8
Client Sample ID :	MH1PX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:15:46	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	543.88	549.44	552.65	548.66	0.81	ppb
Uranium	238-1	5.39	5.37	5.29	5.35	1.05	ppb
Vanadium	51-2	181.41	184.34	185.51	183.75	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	369.04	372.70	369.68	370.47	0.53	ppb
Zirconium	90-1	2.63	2.66	2.65	2.65	0.68	ppb
Zirconium	91-1	2.74	2.64	2.52	2.63	4.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-02	Instrumnet Name :	P8
Client Sample ID :	MH1PX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:18:41	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21759.20	22166.88	21422.07	21782.71	1.71	ppb
Antimony	121-1	5.83	5.74	5.75	5.77	0.81	ppb
Arsenic	75-2	33.65	33.79	33.87	33.77	0.34	ppb
Barium	135-1	756.19	782.92	788.68	775.93	2.23	ppb
Barium	137-1	745.60	766.67	770.63	760.96	1.77	ppb
Beryllium	9-1	1.84	1.88	1.73	1.82	4.11	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	26.83	28.35	27.64	27.61	2.75	ppb
Boron	11-1	27.72	29.94	28.35	28.67	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	10.96	11.58	11.73	11.42	3.58	ppb
Cadmium	106-1	10.39	12.97	10.08	11.15	14.26	ppb
Cadmium	108-1	10.86	10.39	11.34	10.86	4.39	ppb
Calcium	43-1	162262.54	164266.53	162661.03	163063.37	0.65	ppb
Calcium	44-1	163412.09	165900.80	163690.01	164334.30	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.33	58.64	56.46	57.48	1.91	ppb
Cobalt	59-2	20.32	20.52	20.98	20.61	1.65	ppb
Copper	63-2	198.36	195.92	197.50	197.26	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				109		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	71907.50	72343.42	71909.66	72053.53	0.35	ppb
Iron	56-2	71818.11	73803.22	74338.58	73319.97	1.81	ppb
Iron	57-2	75303.53	73349.84	73718.51	74123.96	1.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-02	Instrumnet Name :	P8
Client Sample ID :	MH1PX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:18:41	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1031.86	1031.10	1040.07	1034.34	0.48	ppb
Lead	207-1	972.56	1005.46	1013.09	997.04	2.16	ppb
Lead	208-1	993.07	1021.30	1026.95	1013.77	1.79	ppb
Lithium	6-1				105		%
Magnesium	24-2	14535.43	15139.56	14835.11	14836.70	2.04	ppb
Manganese	55-2	1416.35	1418.43	1452.96	1429.25	1.44	ppb
Molybdenum	94-1	7.33	7.77	7.80	7.63	3.51	ppb
Molybdenum	95-1	6.04	6.02	6.03	6.03	0.16	ppb
Molybdenum	96-1	7.68	7.57	7.52	7.59	1.06	ppb
Molybdenum	97-1	5.97	6.12	6.26	6.12	2.43	ppb
Molybdenum	98-1	5.94	5.95	5.82	5.90	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.59	50.80	49.45	49.95	1.48	ppb
Phosphorus	31-2	12134.29	12752.10	12137.44	12341.28	2.88	ppb
Potassium	39-2	9730.70	9626.38	9777.61	9711.57	0.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	5.67	5.17	4.65	5.16	9.84	ppb
Selenium	77-2	29.85	38.33	40.67	36.29	15.68	ppb
Selenium	78-2	7.96	9.17	8.67	8.60	7.03	ppb
Silicon	28-1	146.09	155.16	150.81	150.69	3.01	ppb
Silver	107-1	2.63	2.81	2.73	2.72	3.27	ppb
Silver	109-1	2.79	2.73	2.83	2.79	1.86	ppb
Sodium	23-2	1599.35	1565.53	1545.64	1570.17	1.73	ppb
Strontium	86-1	678.39	681.29	677.82	679.17	0.27	ppb
Strontium	88-1	678.28	687.78	683.04	683.03	0.70	ppb
Sulfur	34-1	3731.88	3860.85	3515.69	3702.81	4.71	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.57	0.62	0.61	0.60	4.39	ppb
Thallium	205-1	0.58	0.60	0.60	0.59	1.72	ppb
Tin	118-1	24.78	25.66	26.12	25.52	2.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-02	Instrumnet Name :	P8
Client Sample ID :	MH1PX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:18:41	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	304.83	297.68	300.52	301.01	1.20	ppb
Uranium	238-1	6.51	6.71	6.50	6.58	1.81	ppb
Vanadium	51-2	130.27	133.25	131.38	131.64	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	1794.28	1838.59	1810.37	1814.41	1.24	ppb
Zirconium	90-1	1.26	1.27	1.30	1.28	1.86	ppb
Zirconium	91-1	1.31	1.30	1.29	1.30	1.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03RE	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:21:34	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2401057.11	66686.98	28081.49	831941.86	163.36	ppb
Antimony	121-1	7.81	7.72	10.70	8.75	19.38	ppb
Arsenic	75-2	561.43	92.52	43.92	232.62	122.86	ppb
Barium	135-1	866.95	835.07	1221.54	974.52	22.01	ppb
Barium	137-1	843.25	818.50	1162.44	941.40	20.38	ppb
Beryllium	9-1	1.92	2.01	2.49	2.14	14.37	ppb
Bismuth	209-1				96		%
Bismuth	209-2				44		%
Boron	10-1	23.73	25.74	32.32	27.26	16.47	ppb
Boron	11-1	24.53	25.81	32.88	27.74	16.21	ppb
Bromine	81-1						cps
Cadmium	111-1	12.82	12.92	18.16	14.64	20.88	ppb
Cadmium	106-1	10.90	11.84	15.68	12.81	19.78	ppb
Cadmium	108-1	11.97	11.36	16.72	13.35	22.01	ppb
Calcium	43-1	167386.80	165221.89	216810.44	183139.71	15.93	ppb
Calcium	44-1	170308.84	165348.96	217810.78	184489.53	15.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5480.09	156.62	63.78	1900.16	163.18	ppb
Cobalt	59-2	2185.97	63.85	25.53	758.45	163.02	ppb
Copper	63-2	21707.13	618.42	250.83	7525.46	163.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				44		%
Indium	115-1				97		%
Indium	115-2				42		%
Iron	54-2	7640340.84	224642.39	89113.95	2651365.73	162.98	ppb
Iron	56-2	7661954.86	222868.10	90524.74	2658449.24	163.01	ppb
Iron	57-2	7769055.99	215066.76	89510.14	2691210.97	163.42	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03RE	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:21:34	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1250.57	1201.19	1772.72	1408.16	22.49	ppb
Lead	207-1	1197.81	1194.54	1744.72	1379.02	22.97	ppb
Lead	208-1	1236.68	1204.11	1755.86	1398.88	22.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	1434824.21	39731.46	16708.53	497088.07	163.39	ppb
Manganese	55-2	144666.80	4268.48	1727.87	50221.05	162.88	ppb
Molybdenum	94-1	8.56	8.23	11.58	9.46	19.54	ppb
Molybdenum	95-1	6.67	6.41	9.00	7.36	19.37	ppb
Molybdenum	96-1	8.48	8.32	11.38	9.39	18.37	ppb
Molybdenum	97-1	6.58	6.68	9.10	7.45	19.18	ppb
Molybdenum	98-1	6.51	6.40	8.68	7.20	17.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6022.69	174.88	68.59	2088.72	163.13	ppb
Phosphorus	31-2	983302.99	29584.40	11712.33	341533.24	162.75	ppb
Potassium	39-2	802661.72	23723.66	9485.70	278623.69	162.90	ppb
Rhodium	103-1				94		%
Rhodium	103-2				41		%
Scandium	45-1				99		%
Scandium	45-2				42		%
Selenium	82-1	6.12	5.28	5.76	5.72	7.34	ppb
Selenium	77-2	545.16	114.49	49.15	236.27	114.06	ppb
Selenium	78-2	189.43	27.68	12.04	76.38	128.58	ppb
Silicon	28-1	129.46	121.23	165.09	138.60	16.82	ppb
Silver	107-1	2.91	2.88	4.09	3.29	21.04	ppb
Silver	109-1	2.94	2.86	4.21	3.34	22.73	ppb
Sodium	23-2	108323.93	2957.03	1211.77	37497.58	163.59	ppb
Strontium	86-1	726.05	705.29	959.16	796.83	17.69	ppb
Strontium	88-1	699.51	707.36	959.94	788.94	18.78	ppb
Sulfur	34-1	3028.16	2784.64	4835.63	3549.47	31.57	ppb
Terbium	159-1				97		%
Terbium	159-2				44		%
Thallium	203-1	0.70	0.72	1.04	0.82	23.78	ppb
Thallium	205-1	0.71	0.72	1.09	0.84	25.89	ppb
Tin	118-1	31.67	30.42	44.46	35.52	21.87	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03RE	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:21:34	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	371.16	366.85	482.11	406.71	16.06	ppb
Uranium	238-1	7.12	6.93	10.24	8.10	22.96	ppb
Vanadium	51-2	13999.97	402.40	161.90	4854.76	163.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				51		%
Zinc	66-2	170358.39	5009.06	2040.56	59136.00	162.90	ppb
Zirconium	90-1	1.58	1.60	2.13	1.77	17.53	ppb
Zirconium	91-1	1.60	1.69	2.22	1.84	18.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-04	Instrumnet Name :	P8
Client Sample ID :	MH1PX4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:24:29	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24117.78	23165.33	24047.58	23776.90	2.23	ppb
Antimony	121-1	6.95	7.01	7.10	7.02	1.13	ppb
Arsenic	75-2	38.79	38.97	38.64	38.80	0.43	ppb
Barium	135-1	899.78	909.11	925.36	911.42	1.42	ppb
Barium	137-1	875.68	883.09	891.85	883.54	0.92	ppb
Beryllium	9-1	2.07	1.94	1.96	1.99	3.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	21.65	20.83	21.88	21.45	2.55	ppb
Boron	11-1	22.37	22.47	22.61	22.48	0.53	ppb
Bromine	81-1						cps
Cadmium	111-1	11.87	11.86	12.23	11.98	1.75	ppb
Cadmium	106-1	11.74	12.64	10.91	11.76	7.34	ppb
Cadmium	108-1	10.78	11.14	10.70	10.87	2.16	ppb
Calcium	43-1	154585.16	160600.01	161630.37	158938.51	2.39	ppb
Calcium	44-1	159800.01	160242.54	162797.24	160946.59	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.13	49.36	48.42	48.30	2.32	ppb
Cobalt	59-2	21.53	21.96	21.76	21.75	0.98	ppb
Copper	63-2	182.96	184.21	181.96	183.04	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				106		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	72596.61	74926.01	73525.63	73682.75	1.59	ppb
Iron	56-2	77045.40	76176.84	75334.21	76185.48	1.12	ppb
Iron	57-2	74761.33	75471.90	74638.08	74957.10	0.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-04	Instrumnet Name :	P8
Client Sample ID :	MH1PX4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:24:29	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1249.11	1193.48	1258.05	1233.55	2.84	ppb
Lead	207-1	1203.81	1192.34	1199.02	1198.39	0.48	ppb
Lead	208-1	1209.38	1206.27	1225.96	1213.87	0.87	ppb
Lithium	6-1				106		%
Magnesium	24-2	12348.07	12964.61	12501.03	12604.57	2.55	ppb
Manganese	55-2	1245.97	1264.26	1263.42	1257.88	0.82	ppb
Molybdenum	94-1	8.79	8.77	8.94	8.83	1.02	ppb
Molybdenum	95-1	5.53	5.57	5.73	5.61	1.91	ppb
Molybdenum	96-1	7.38	7.62	7.79	7.60	2.73	ppb
Molybdenum	97-1	5.54	5.66	5.70	5.63	1.46	ppb
Molybdenum	98-1	5.52	5.45	5.56	5.51	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.13	60.96	61.40	60.83	1.06	ppb
Phosphorus	31-2	7374.60	7328.28	7332.50	7345.13	0.35	ppb
Potassium	39-2	6116.71	6284.34	6169.90	6190.32	1.38	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	5.48	4.73	4.92	5.04	7.80	ppb
Selenium	77-2	35.96	35.45	38.21	36.54	4.02	ppb
Selenium	78-2	6.65	7.73	8.23	7.54	10.72	ppb
Silicon	28-1	155.42	157.81	166.82	160.02	3.76	ppb
Silver	107-1	3.02	3.01	3.00	3.01	0.38	ppb
Silver	109-1	2.93	3.02	3.07	3.01	2.24	ppb
Sodium	23-2	881.91	919.00	875.34	892.08	2.64	ppb
Strontium	86-1	588.32	576.81	594.32	586.49	1.52	ppb
Strontium	88-1	580.66	587.34	602.31	590.11	1.88	ppb
Sulfur	34-1	1603.30	1915.87	1963.87	1827.68	10.71	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.75	0.68	0.69	0.71	5.51	ppb
Thallium	205-1	0.66	0.69	0.71	0.69	3.52	ppb
Tin	118-1	27.58	27.78	28.41	27.92	1.55	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-04	Instrumnet Name :	P8
Client Sample ID :	MH1PX4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:24:29	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	454.31	470.73	488.01	471.01	3.58	ppb
Uranium	238-1	5.94	5.83	6.19	5.99	3.04	ppb
Vanadium	51-2	138.06	143.80	138.21	140.02	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	1416.24	1452.74	1435.91	1434.96	1.27	ppb
Zirconium	90-1	2.17	2.04	2.13	2.11	3.26	ppb
Zirconium	91-1	2.19	2.07	2.12	2.13	2.95	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-05	Instrumnet Name :	P8
Client Sample ID :	MH1PX5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:27:22	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30307.33	30357.29	29223.89	29962.83	2.14	ppb
Antimony	121-1	9.27	8.86	9.57	9.23	3.89	ppb
Arsenic	75-2	48.64	49.18	48.75	48.86	0.58	ppb
Barium	135-1	1076.89	1033.84	1115.63	1075.46	3.80	ppb
Barium	137-1	1051.97	1021.74	1084.88	1052.86	3.00	ppb
Beryllium	9-1	2.71	2.72	2.67	2.70	1.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	29.00	30.47	29.83	29.77	2.48	ppb
Boron	11-1	29.91	30.67	30.23	30.27	1.25	ppb
Bromine	81-1						cps
Cadmium	111-1	13.52	13.19	14.00	13.57	2.98	ppb
Cadmium	106-1	14.51	11.22	14.74	13.49	14.62	ppb
Cadmium	108-1	12.13	12.68	12.40	12.40	2.21	ppb
Calcium	43-1	157954.47	156450.20	164163.86	159522.85	2.56	ppb
Calcium	44-1	160007.61	157370.94	162689.64	160022.73	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.71	54.47	54.49	54.56	0.25	ppb
Cobalt	59-2	26.42	26.74	26.39	26.52	0.73	ppb
Copper	63-2	206.83	209.62	212.94	209.80	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				106		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	85472.50	86003.66	86021.84	85832.66	0.36	ppb
Iron	56-2	85808.26	87155.98	85006.40	85990.21	1.26	ppb
Iron	57-2	85872.86	86941.98	88388.13	87067.66	1.45	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-05	Instrumnet Name :	P8
Client Sample ID :	MH1PX5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:27:22	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1601.63	1538.09	1556.23	1565.32	2.09	ppb
Lead	207-1	1555.81	1512.95	1458.83	1509.19	3.22	ppb
Lead	208-1	1559.65	1519.47	1497.87	1525.67	2.05	ppb
Lithium	6-1				106		%
Magnesium	24-2	13128.88	13919.23	13152.77	13400.29	3.35	ppb
Manganese	55-2	1608.97	1564.82	1551.42	1575.07	1.91	ppb
Molybdenum	94-1	11.16	11.21	11.27	11.21	0.50	ppb
Molybdenum	95-1	6.41	6.32	6.36	6.36	0.73	ppb
Molybdenum	96-1	8.83	8.40	8.32	8.52	3.18	ppb
Molybdenum	97-1	6.34	6.53	6.36	6.41	1.65	ppb
Molybdenum	98-1	6.32	6.30	6.20	6.27	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.59	63.22	63.24	63.35	0.33	ppb
Phosphorus	31-2	5887.71	5867.29	6124.91	5959.97	2.40	ppb
Potassium	39-2	6771.88	6759.45	6704.47	6745.27	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	4.10	4.18	4.76	4.35	8.37	ppb
Selenium	77-2	43.39	38.45	51.77	44.54	15.11	ppb
Selenium	78-2	8.25	10.06	8.55	8.95	10.81	ppb
Silicon	28-1	150.14	144.96	152.94	149.34	2.71	ppb
Silver	107-1	3.47	3.38	3.41	3.42	1.31	ppb
Silver	109-1	3.28	3.36	3.58	3.41	4.42	ppb
Sodium	23-2	1380.68	1431.92	1392.60	1401.73	1.91	ppb
Strontium	86-1	625.80	634.23	625.20	628.41	0.80	ppb
Strontium	88-1	626.25	603.00	613.50	614.25	1.90	ppb
Sulfur	34-1	1856.29	1454.47	1832.55	1714.44	13.15	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.79	0.78	0.77	0.78	1.18	ppb
Thallium	205-1	0.81	0.80	0.76	0.79	3.17	ppb
Tin	118-1	38.79	37.36	40.06	38.73	3.48	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-05	Instrumnet Name :	P8
Client Sample ID :	MH1PX5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:27:22	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	696.25	684.01	698.33	692.86	1.12	ppb
Uranium	238-1	6.10	5.93	6.01	6.01	1.42	ppb
Vanadium	51-2	155.87	159.99	156.05	157.30	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	2254.35	2272.70	2254.92	2260.66	0.46	ppb
Zirconium	90-1	3.23	3.23	3.09	3.19	2.50	ppb
Zirconium	91-1	3.25	3.14	3.00	3.13	4.02	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-06	Instrumnet Name :	P8
Client Sample ID :	MH1PX6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:30:17	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38289.70	40041.71	39535.21	39288.87	2.29	ppb
Antimony	121-1	10.33	10.14	10.12	10.20	1.15	ppb
Arsenic	75-2	34.77	35.60	34.61	34.99	1.52	ppb
Barium	135-1	1018.77	1036.77	1020.51	1025.35	0.97	ppb
Barium	137-1	1007.51	1002.52	979.83	996.62	1.48	ppb
Beryllium	9-1	6.29	6.23	6.51	6.34	2.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	50.42	50.30	54.00	51.58	4.08	ppb
Boron	11-1	49.56	52.38	55.86	52.60	6.00	ppb
Bromine	81-1						cps
Cadmium	111-1	10.49	10.32	10.07	10.30	2.04	ppb
Cadmium	106-1	12.79	13.00	9.51	11.77	16.62	ppb
Cadmium	108-1	10.22	10.45	9.99	10.22	2.24	ppb
Calcium	43-1	199857.31	200561.20	201810.35	200742.95	0.49	ppb
Calcium	44-1	198709.12	197878.85	205564.64	200717.54	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	143.62	150.35	145.69	146.56	2.35	ppb
Cobalt	59-2	26.13	27.50	26.64	26.76	2.61	ppb
Copper	63-2	283.07	293.17	288.49	288.24	1.75	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				106		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	119208.73	124887.97	122732.96	122276.55	2.34	ppb
Iron	56-2	118750.88	128515.98	122559.68	123275.51	3.99	ppb
Iron	57-2	122560.32	130859.62	122468.77	125296.24	3.85	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-06	Instrumnet Name :	P8
Client Sample ID :	MH1PX6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:30:17	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1074.57	1016.88	1079.30	1056.92	3.29	ppb
Lead	207-1	1017.07	966.41	1052.32	1011.93	4.27	ppb
Lead	208-1	1025.62	1006.77	1060.51	1030.97	2.64	ppb
Lithium	6-1				103		%
Magnesium	24-2	24853.42	25943.70	25249.57	25348.90	2.18	ppb
Manganese	55-2	5767.69	6021.97	5914.69	5901.45	2.16	ppb
Molybdenum	94-1	17.07	16.29	17.05	16.80	2.65	ppb
Molybdenum	95-1	10.54	10.65	10.91	10.70	1.80	ppb
Molybdenum	96-1	13.14	13.94	13.81	13.63	3.17	ppb
Molybdenum	97-1	10.65	10.19	10.78	10.54	2.95	ppb
Molybdenum	98-1	10.42	10.20	10.45	10.36	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.89	94.12	91.52	92.17	1.86	ppb
Phosphorus	31-2	4961.82	5082.33	5110.31	5051.49	1.56	ppb
Potassium	39-2	10282.43	10597.80	10215.58	10365.27	1.97	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	4.49	4.78	5.70	4.99	12.69	ppb
Selenium	77-2	44.44	42.42	46.85	44.57	4.98	ppb
Selenium	78-2	9.94	10.20	9.34	9.82	4.47	ppb
Silicon	28-1	891.80	887.29	900.73	893.27	0.77	ppb
Silver	107-1	3.00	2.84	2.77	2.87	4.13	ppb
Silver	109-1	2.92	2.81	2.88	2.87	2.00	ppb
Sodium	23-2	1054.62	1101.90	1070.13	1075.55	2.24	ppb
Strontium	86-1	833.60	817.94	837.77	829.77	1.26	ppb
Strontium	88-1	816.45	806.56	823.17	815.40	1.02	ppb
Sulfur	34-1	3603.96	3801.72	3788.20	3731.30	2.96	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.58	0.61	0.65	0.61	5.34	ppb
Thallium	205-1	0.64	0.58	0.62	0.61	5.32	ppb
Tin	118-1	28.61	27.19	27.92	27.91	2.53	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-06	Instrumnet Name :	P8
Client Sample ID :	MH1PX6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:30:17	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	859.03	830.19	839.90	843.04	1.74	ppb
Uranium	238-1	8.25	7.79	8.22	8.08	3.12	ppb
Vanadium	51-2	146.87	153.02	147.36	149.08	2.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	2517.53	2505.73	2450.15	2491.14	1.44	ppb
Zirconium	90-1	4.26	4.19	4.35	4.27	1.84	ppb
Zirconium	91-1	4.19	3.96	4.30	4.15	4.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-07	Instrumnet Name :	P8
Client Sample ID :	MH1PX7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:33:10	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30883.79	30577.31	30302.05	30587.72	0.95	ppb
Antimony	121-1	28.45	30.81	30.63	29.96	4.39	ppb
Arsenic	75-2	49.55	49.20	49.27	49.34	0.38	ppb
Barium	135-1	892.41	939.54	922.72	918.23	2.60	ppb
Barium	137-1	881.16	949.61	909.76	913.51	3.76	ppb
Beryllium	9-1	3.55	3.93	3.62	3.70	5.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	32.08	35.41	33.87	33.79	4.94	ppb
Boron	11-1	32.32	36.62	34.74	34.56	6.23	ppb
Bromine	81-1						cps
Cadmium	111-1	11.22	12.12	12.14	11.83	4.42	ppb
Cadmium	106-1	12.33	13.56	13.39	13.09	5.08	ppb
Cadmium	108-1	11.88	12.36	12.17	12.13	2.01	ppb
Calcium	43-1	116510.90	117607.44	115111.98	116410.11	1.07	ppb
Calcium	44-1	120692.69	117187.81	117696.34	118525.61	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.50	74.29	76.11	74.97	1.33	ppb
Cobalt	59-2	30.32	30.52	30.85	30.56	0.87	ppb
Copper	63-2	249.45	255.27	247.57	250.76	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				104		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	140359.96	141822.96	140010.59	140731.17	0.68	ppb
Iron	56-2	144026.64	142225.26	142139.13	142797.01	0.75	ppb
Iron	57-2	145257.16	143112.30	142533.59	143634.35	1.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-07	Instrumnet Name :	P8
Client Sample ID :	MH1PX7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:33:10	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1594.15	1683.53	1633.98	1637.22	2.73	ppb
Lead	207-1	1547.37	1613.31	1526.27	1562.32	2.91	ppb
Lead	208-1	1570.17	1653.59	1569.65	1597.80	3.02	ppb
Lithium	6-1				103		%
Magnesium	24-2	15952.79	15061.20	15851.68	15621.89	3.13	ppb
Manganese	55-2	3766.58	3719.08	3754.19	3746.62	0.66	ppb
Molybdenum	94-1	16.70	16.98	16.42	16.70	1.68	ppb
Molybdenum	95-1	8.73	9.03	8.45	8.74	3.36	ppb
Molybdenum	96-1	12.47	12.56	12.30	12.44	1.06	ppb
Molybdenum	97-1	8.76	9.05	8.60	8.80	2.56	ppb
Molybdenum	98-1	8.42	8.98	8.29	8.56	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.33	112.83	112.48	111.88	1.21	ppb
Phosphorus	31-2	4375.61	4325.02	4333.07	4344.57	0.63	ppb
Potassium	39-2	7544.76	7777.69	7721.86	7681.44	1.58	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	3.51	4.17	2.63	3.44	22.37	ppb
Selenium	77-2	43.32	56.06	49.32	49.56	12.86	ppb
Selenium	78-2	8.81	9.25	8.38	8.81	4.94	ppb
Silicon	28-1	475.17	468.26	449.64	464.36	2.84	ppb
Silver	107-1	2.75	2.95	2.92	2.88	3.75	ppb
Silver	109-1	2.76	3.04	2.94	2.92	4.87	ppb
Sodium	23-2	868.07	827.98	854.96	850.34	2.40	ppb
Strontium	86-1	506.64	527.78	511.98	515.47	2.13	ppb
Strontium	88-1	510.31	534.44	515.70	520.15	2.44	ppb
Sulfur	34-1	1856.98	1831.39	1596.63	1761.67	8.15	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	0.56	0.63	0.58	0.59	5.94	ppb
Thallium	205-1	0.62	0.65	0.62	0.63	3.23	ppb
Tin	118-1	52.52	56.91	57.31	55.58	4.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-07	Instrumnet Name :	P8
Client Sample ID :	MH1PX7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:33:10	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	779.56	807.57	754.18	780.43	3.42	ppb
Uranium	238-1	6.19	6.69	6.52	6.47	3.91	ppb
Vanadium	51-2	166.05	167.42	166.13	166.53	0.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	3009.93	3052.17	2997.76	3019.95	0.95	ppb
Zirconium	90-1	5.06	5.28	5.02	5.12	2.70	ppb
Zirconium	91-1	5.21	5.12	5.11	5.15	1.10	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-08	Instrumnet Name :	P8
Client Sample ID :	MH1PX8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:36:06	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30725.17	28649.24	29604.39	29659.60	3.50	ppb
Antimony	121-1	6.82	6.63	6.80	6.75	1.56	ppb
Arsenic	75-2	39.42	40.46	39.28	39.72	1.63	ppb
Barium	135-1	591.15	570.64	585.89	582.56	1.83	ppb
Barium	137-1	580.32	562.25	579.15	573.91	1.76	ppb
Beryllium	9-1	2.47	2.31	2.29	2.36	4.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	19.15	19.92	19.49	19.52	1.97	ppb
Boron	11-1	19.85	19.98	20.08	19.97	0.57	ppb
Bromine	81-1						cps
Cadmium	111-1	6.26	5.95	6.06	6.09	2.64	ppb
Cadmium	106-1	8.74	6.54	7.59	7.62	14.43	ppb
Cadmium	108-1	5.69	5.97	5.82	5.83	2.39	ppb
Calcium	43-1	72713.66	69543.65	70182.64	70813.32	2.37	ppb
Calcium	44-1	71993.65	69912.68	69995.85	70634.06	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.24	47.78	46.98	47.34	0.86	ppb
Cobalt	59-2	26.91	27.34	27.33	27.19	0.92	ppb
Copper	63-2	134.21	135.76	132.23	134.07	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	116866.40	117901.05	113997.05	116254.83	1.74	ppb
Iron	56-2	118606.55	120567.80	118163.38	119112.58	1.07	ppb
Iron	57-2	118846.15	120508.22	118289.26	119214.54	0.97	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-08	Instrumnet Name :	P8
Client Sample ID :	MH1PX8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:36:06	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	826.23	824.45	818.73	823.14	0.48	ppb
Lead	207-1	801.59	817.68	797.81	805.69	1.31	ppb
Lead	208-1	811.81	821.03	810.01	814.28	0.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	12599.05	12070.72	12526.13	12398.63	2.31	ppb
Manganese	55-2	2686.79	2665.68	2593.62	2648.70	1.84	ppb
Molybdenum	94-1	14.98	15.54	14.54	15.02	3.33	ppb
Molybdenum	95-1	8.30	8.28	8.11	8.23	1.31	ppb
Molybdenum	96-1	11.21	11.58	11.27	11.35	1.73	ppb
Molybdenum	97-1	8.00	8.30	7.94	8.08	2.42	ppb
Molybdenum	98-1	7.96	8.19	7.91	8.02	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.99	78.58	77.34	78.30	1.10	ppb
Phosphorus	31-2	3111.93	3058.36	3061.72	3077.34	0.98	ppb
Potassium	39-2	6692.78	6604.70	6341.46	6546.31	2.79	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	2.46	2.92	3.73	3.04	21.28	ppb
Selenium	77-2	41.13	40.86	40.48	40.82	0.79	ppb
Selenium	78-2	7.45	8.38	7.93	7.92	5.87	ppb
Silicon	28-1	144.97	144.49	151.36	146.94	2.61	ppb
Silver	107-1	1.99	1.87	2.00	1.95	3.69	ppb
Silver	109-1	1.96	1.92	2.03	1.97	2.92	ppb
Sodium	23-2	687.60	692.38	682.23	687.41	0.74	ppb
Strontium	86-1	329.14	330.41	320.53	326.69	1.64	ppb
Strontium	88-1	323.50	317.72	313.90	318.37	1.52	ppb
Sulfur	34-1	813.49	829.50	848.41	830.47	2.10	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.62	0.57	0.63	0.61	4.80	ppb
Thallium	205-1	0.59	0.60	0.65	0.61	4.61	ppb
Tin	118-1	54.54	52.41	55.71	54.22	3.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-08	Instrumnet Name :	P8
Client Sample ID :	MH1PX8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:36:06	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	510.43	515.77	517.02	514.41	0.68	ppb
Uranium	238-1	4.11	4.19	4.13	4.14	1.03	ppb
Vanadium	51-2	137.99	136.62	134.93	136.51	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	1168.79	1168.88	1144.76	1160.81	1.20	ppb
Zirconium	90-1	4.38	4.43	4.33	4.38	1.12	ppb
Zirconium	91-1	4.33	4.51	4.21	4.35	3.43	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-09	Instrumnet Name :	P8
Client Sample ID :	MH1PX9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:38:59	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26990.56	26244.63	24543.13	25926.11	4.84	ppb
Antimony	121-1	2.79	2.71	2.67	2.72	2.41	ppb
Arsenic	75-2	20.97	19.58	18.90	19.82	5.31	ppb
Barium	135-1	542.57	521.15	478.07	513.93	6.39	ppb
Barium	137-1	539.21	504.53	474.51	506.08	6.40	ppb
Beryllium	9-1	2.09	2.09	1.94	2.04	4.22	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	15.02	14.71	14.57	14.77	1.54	ppb
Boron	11-1	15.39	15.59	14.66	15.21	3.23	ppb
Bromine	81-1						cps
Cadmium	111-1	3.10	2.89	2.73	2.90	6.38	ppb
Cadmium	106-1	5.16	5.05	4.20	4.80	10.98	ppb
Cadmium	108-1	2.60	2.67	2.94	2.74	6.63	ppb
Calcium	43-1	47234.49	45925.71	41730.33	44963.51	6.40	ppb
Calcium	44-1	46131.34	44835.80	42489.45	44485.53	4.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.84	42.42	40.40	42.55	5.22	ppb
Cobalt	59-2	25.91	24.77	23.24	24.64	5.45	ppb
Copper	63-2	67.66	64.74	61.22	64.54	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				102		%
Holmium	165-2				108		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	54-2	84188.81	79579.23	78049.18	80605.74	3.96	ppb
Iron	56-2	85224.72	81257.36	75915.80	80799.29	5.78	ppb
Iron	57-2	84840.96	82429.58	78912.16	82060.90	3.63	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-09	Instrumnet Name :	P8
Client Sample ID :	MH1PX9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:38:59	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	187.25	191.88	170.92	183.35	6.01	ppb
Lead	207-1	179.82	176.62	170.74	175.72	2.62	ppb
Lead	208-1	185.44	181.23	173.37	180.01	3.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	14133.32	13466.12	12829.87	13476.44	4.84	ppb
Manganese	55-2	1549.94	1423.43	1393.68	1455.69	5.70	ppb
Molybdenum	94-1	11.27	11.23	10.62	11.04	3.34	ppb
Molybdenum	95-1	5.86	5.51	5.41	5.59	4.16	ppb
Molybdenum	96-1	8.14	7.81	7.77	7.91	2.57	ppb
Molybdenum	97-1	5.83	5.48	5.67	5.66	3.07	ppb
Molybdenum	98-1	5.71	5.59	5.52	5.61	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	71.14	69.10	65.20	68.48	4.41	ppb
Phosphorus	31-2	2844.24	2717.47	2426.32	2662.68	8.05	ppb
Potassium	39-2	7108.52	7023.40	6819.85	6983.92	2.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	1.45	1.81	4.26	2.51	61.08	ppb
Selenium	77-2	44.82	42.53	44.00	43.78	2.65	ppb
Selenium	78-2	8.64	8.70	6.40	7.91	16.60	ppb
Silicon	28-1	130.99	124.96	128.35	128.10	2.36	ppb
Silver	107-1	0.57	0.55	0.52	0.54	4.73	ppb
Silver	109-1	0.58	0.57	0.49	0.55	9.15	ppb
Sodium	23-2	515.81	500.88	468.45	495.05	4.89	ppb
Strontium	86-1	194.37	192.59	185.16	190.71	2.56	ppb
Strontium	88-1	200.77	188.70	189.48	192.98	3.50	ppb
Sulfur	34-1	743.48	770.10	272.06	595.21	47.07	ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.69	0.68	0.67	0.68	1.23	ppb
Thallium	205-1	0.67	0.71	0.61	0.66	8.27	ppb
Tin	118-1	9.96	9.89	9.43	9.76	2.97	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-09	Instrumnet Name :	P8
Client Sample ID :	MH1PX9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:38:59	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	378.50	377.50	352.30	369.43	4.02	ppb
Uranium	238-1	3.47	3.49	3.09	3.35	6.75	ppb
Vanadium	51-2	136.42	131.90	126.58	131.63	3.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	343.07	324.95	311.51	326.51	4.85	ppb
Zirconium	90-1	3.43	3.30	3.33	3.36	2.04	ppb
Zirconium	91-1	3.60	3.25	3.24	3.36	6.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:41:55	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23895.68	24128.71	24355.13	24126.51	0.95	ppb
Antimony	121-1	7.70	7.52	7.58	7.60	1.20	ppb
Arsenic	75-2	38.77	39.39	38.56	38.90	1.12	ppb
Barium	135-1	843.78	847.46	859.23	850.16	0.95	ppb
Barium	137-1	831.71	820.19	845.36	832.42	1.51	ppb
Beryllium	9-1	1.90	1.97	2.00	1.96	2.50	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	23.21	25.39	24.78	24.46	4.61	ppb
Boron	11-1	24.05	25.84	25.71	25.20	3.96	ppb
Bromine	81-1						cps
Cadmium	111-1	12.88	12.60	13.24	12.91	2.51	ppb
Cadmium	106-1	10.81	10.69	12.07	11.19	6.85	ppb
Cadmium	108-1	11.36	12.82	12.33	12.17	6.09	ppb
Calcium	43-1	168190.03	175127.34	157005.00	166774.12	5.48	ppb
Calcium	44-1	167208.45	172890.23	163950.71	168016.46	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.77	54.11	54.95	54.61	0.81	ppb
Cobalt	59-2	22.74	21.88	21.55	22.06	2.78	ppb
Copper	63-2	217.53	218.75	211.18	215.82	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				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	75354.15	76507.00	76485.97	76115.71	0.87	ppb
Iron	56-2	76698.25	78249.02	76807.81	77251.69	1.12	ppb
Iron	57-2	79047.02	76503.43	77750.66	77767.04	1.64	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:41:55	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1272.07	1266.76	1239.15	1259.33	1.40	ppb
Lead	207-1	1218.15	1197.17	1218.02	1211.11	1.00	ppb
Lead	208-1	1231.87	1220.62	1223.76	1225.41	0.47	ppb
Lithium	6-1				107		%
Magnesium	24-2	14226.74	14405.71	14304.60	14312.35	0.63	ppb
Manganese	55-2	1441.93	1467.73	1449.68	1453.11	0.91	ppb
Molybdenum	94-1	8.62	8.21	8.76	8.53	3.32	ppb
Molybdenum	95-1	6.69	6.73	6.82	6.74	0.98	ppb
Molybdenum	96-1	8.45	8.40	8.44	8.43	0.30	ppb
Molybdenum	97-1	6.92	6.69	6.76	6.79	1.68	ppb
Molybdenum	98-1	6.69	6.51	6.58	6.60	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.41	59.85	59.71	60.32	1.56	ppb
Phosphorus	31-2	10461.19	10137.97	10248.41	10282.53	1.60	ppb
Potassium	39-2	8296.99	8082.85	7916.91	8098.91	2.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	5.22	4.70	6.03	5.32	12.67	ppb
Selenium	77-2	39.82	37.11	34.70	37.21	6.89	ppb
Selenium	78-2	8.25	9.83	9.52	9.20	9.10	ppb
Silicon	28-1	125.14	128.19	118.77	124.04	3.87	ppb
Silver	107-1	2.89	2.83	2.94	2.89	1.84	ppb
Silver	109-1	2.89	2.84	3.01	2.92	3.05	ppb
Sodium	23-2	1029.40	1073.43	1041.76	1048.19	2.17	ppb
Strontium	86-1	723.00	731.34	710.47	721.60	1.46	ppb
Strontium	88-1	708.32	702.08	702.64	704.35	0.49	ppb
Sulfur	34-1	3020.04	3376.52	2871.88	3089.48	8.40	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.64	0.72	0.71	0.69	5.66	ppb
Thallium	205-1	0.71	0.70	0.70	0.70	0.93	ppb
Tin	118-1	31.27	29.70	30.71	30.56	2.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:41:55	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	364.74	380.86	360.18	368.59	2.95	ppb
Uranium	238-1	7.14	7.43	7.26	7.28	2.02	ppb
Vanadium	51-2	142.22	141.49	137.86	140.52	1.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	1838.07	1797.73	1780.89	1805.56	1.63	ppb
Zirconium	90-1	1.69	1.60	1.66	1.65	3.02	ppb
Zirconium	91-1	1.57	1.53	1.71	1.60	6.02	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-10	Instrumnet Name :	P8
Client Sample ID :	MH1PY0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:44:48	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31011.40	31870.31	31096.54	31326.09	1.51	ppb
Antimony	121-1	39.67	40.08	39.91	39.89	0.51	ppb
Arsenic	75-2	46.32	46.62	46.94	46.62	0.66	ppb
Barium	135-1	996.06	995.57	1001.51	997.72	0.33	ppb
Barium	137-1	981.61	973.40	980.05	978.35	0.45	ppb
Beryllium	9-1	2.71	2.77	2.75	2.75	1.12	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	20.36	22.86	23.53	22.25	7.50	ppb
Boron	11-1	20.96	22.73	23.54	22.41	5.90	ppb
Bromine	81-1						cps
Cadmium	111-1	15.39	15.49	15.82	15.57	1.44	ppb
Cadmium	106-1	15.23	15.21	15.38	15.27	0.60	ppb
Cadmium	108-1	15.06	14.92	14.10	14.69	3.52	ppb
Calcium	43-1	124774.84	121074.89	119543.91	121797.88	2.21	ppb
Calcium	44-1	122517.02	122988.38	119890.96	121798.79	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.53	72.65	72.77	72.99	0.66	ppb
Cobalt	59-2	31.57	31.26	30.80	31.21	1.24	ppb
Copper	63-2	301.84	297.21	297.07	298.71	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	111592.83	109815.01	108504.60	109970.81	1.41	ppb
Iron	56-2	114916.25	114868.46	109613.05	113132.59	2.69	ppb
Iron	57-2	114319.10	111980.25	108257.34	111518.89	2.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-10	Instrumnet Name :	P8
Client Sample ID :	MH1PY0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:44:48	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1300.76	1261.98	1296.33	1286.36	1.65	ppb
Lead	207-1	1240.42	1233.64	1243.57	1239.21	0.41	ppb
Lead	208-1	1258.62	1265.61	1264.62	1262.95	0.30	ppb
Lithium	6-1				105		%
Magnesium	24-2	17474.01	17723.74	17267.12	17488.29	1.31	ppb
Manganese	55-2	2545.18	2472.92	2470.02	2496.04	1.71	ppb
Molybdenum	94-1	11.87	12.13	11.67	11.89	1.95	ppb
Molybdenum	95-1	6.69	6.55	6.73	6.66	1.40	ppb
Molybdenum	96-1	9.37	9.61	9.43	9.47	1.34	ppb
Molybdenum	97-1	6.71	6.71	6.64	6.69	0.66	ppb
Molybdenum	98-1	6.42	6.54	6.51	6.49	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.76	74.39	74.01	74.72	1.23	ppb
Phosphorus	31-2	6968.64	6893.53	6518.00	6793.39	3.55	ppb
Potassium	39-2	9142.62	8873.74	9148.75	9055.04	1.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	4.50	3.88	4.45	4.28	8.09	ppb
Selenium	77-2	46.17	41.21	55.85	47.74	15.60	ppb
Selenium	78-2	8.59	9.42	8.41	8.81	6.10	ppb
Silicon	28-1	175.71	173.99	170.05	173.25	1.68	ppb
Silver	107-1	4.16	4.09	3.92	4.05	3.07	ppb
Silver	109-1	3.91	3.96	3.83	3.90	1.63	ppb
Sodium	23-2	655.28	674.58	655.78	661.88	1.66	ppb
Strontium	86-1	471.13	481.25	462.79	471.72	1.96	ppb
Strontium	88-1	466.05	460.22	463.07	463.12	0.63	ppb
Sulfur	34-1	1403.32	1545.11	1328.01	1425.48	7.73	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.85	0.88	0.86	0.86	1.40	ppb
Thallium	205-1	0.87	0.89	0.84	0.87	2.90	ppb
Tin	118-1	30.72	31.30	31.16	31.06	0.98	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-10	Instrumnet Name :	P8
Client Sample ID :	MH1PY0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:44:48	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	692.23	711.37	684.86	696.15	1.97	ppb
Uranium	238-1	7.21	7.45	7.57	7.41	2.49	ppb
Vanadium	51-2	165.20	161.34	159.59	162.04	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	2494.08	2462.18	2411.61	2455.96	1.69	ppb
Zirconium	90-1	3.38	3.38	3.40	3.39	0.25	ppb
Zirconium	91-1	3.36	3.44	3.25	3.35	2.80	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-11	Instrumnet Name :	P8
Client Sample ID :	MH1PY1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:47:44	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31358.99	29348.62	30452.82	30386.81	3.31	ppb
Antimony	121-1	13.85	13.11	13.93	13.63	3.31	ppb
Arsenic	75-2	51.28	52.62	51.27	51.73	1.50	ppb
Barium	135-1	930.79	873.21	950.19	918.06	4.36	ppb
Barium	137-1	918.77	885.15	923.48	909.14	2.30	ppb
Beryllium	9-1	2.72	2.83	2.79	2.78	2.02	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	20.25	23.32	22.96	22.18	7.56	ppb
Boron	11-1	21.45	23.57	23.42	22.82	5.19	ppb
Bromine	81-1						cps
Cadmium	111-1	15.82	15.20	16.16	15.73	3.09	ppb
Cadmium	106-1	15.03	13.52	16.03	14.86	8.53	ppb
Cadmium	108-1	14.58	13.80	14.43	14.27	2.91	ppb
Calcium	43-1	113959.26	113239.02	111308.15	112835.48	1.21	ppb
Calcium	44-1	119588.19	113824.01	112680.41	115364.20	3.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.63	65.72	66.36	66.57	1.46	ppb
Cobalt	59-2	30.89	30.98	31.66	31.18	1.36	ppb
Copper	63-2	305.23	297.87	305.92	303.00	1.47	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				107		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	112274.46	110870.63	113995.33	112380.14	1.39	ppb
Iron	56-2	115479.81	109220.89	116513.51	113738.07	3.47	ppb
Iron	57-2	113074.06	110194.06	111383.26	111550.46	1.30	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-11	Instrumnet Name :	P8
Client Sample ID :	MH1PY1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:47:44	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1481.74	1393.74	1384.52	1420.00	3.78	ppb
Lead	207-1	1460.50	1397.46	1366.38	1408.11	3.41	ppb
Lead	208-1	1449.15	1378.74	1388.76	1405.55	2.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	16122.54	15160.88	15524.73	15602.72	3.11	ppb
Manganese	55-2	2639.93	2563.83	2681.80	2628.52	2.28	ppb
Molybdenum	94-1	11.11	11.00	10.89	11.00	0.99	ppb
Molybdenum	95-1	6.64	6.73	6.50	6.62	1.72	ppb
Molybdenum	96-1	9.26	9.49	9.48	9.41	1.38	ppb
Molybdenum	97-1	6.56	6.63	6.52	6.57	0.87	ppb
Molybdenum	98-1	6.38	6.45	6.53	6.45	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.01	76.76	79.68	78.15	1.88	ppb
Phosphorus	31-2	7116.92	6846.87	7205.94	7056.58	2.65	ppb
Potassium	39-2	9197.78	8981.36	9304.81	9161.32	1.80	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	3.81	5.12	4.47	4.47	14.73	ppb
Selenium	77-2	46.79	39.76	46.10	44.22	8.76	ppb
Selenium	78-2	9.94	10.05	8.84	9.61	6.98	ppb
Silicon	28-1	174.35	172.21	170.48	172.35	1.12	ppb
Silver	107-1	4.83	4.75	4.91	4.83	1.63	ppb
Silver	109-1	4.98	4.67	4.93	4.86	3.48	ppb
Sodium	23-2	613.74	617.13	615.62	615.49	0.28	ppb
Strontium	86-1	490.22	487.15	474.10	483.82	1.77	ppb
Strontium	88-1	471.99	459.88	470.07	467.31	1.39	ppb
Sulfur	34-1	1359.06	1300.07	1175.87	1278.33	7.32	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.90	0.85	0.83	0.86	4.22	ppb
Thallium	205-1	0.88	0.81	0.82	0.84	4.74	ppb
Tin	118-1	37.93	36.62	38.26	37.60	2.30	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-11	Instrumnet Name :	P8
Client Sample ID :	MH1PY1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:47:44	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	572.24	566.28	541.39	559.97	2.92	ppb
Uranium	238-1	6.49	6.40	6.36	6.42	1.04	ppb
Vanadium	51-2	149.57	149.28	152.08	150.31	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	2839.34	2781.68	2897.27	2839.43	2.04	ppb
Zirconium	90-1	2.96	2.98	2.99	2.97	0.49	ppb
Zirconium	91-1	3.07	3.00	3.02	3.03	1.10	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-12	Instrumnet Name :	P8
Client Sample ID :	MH1PY2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:50:38	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36288.34	36521.65	35811.28	36207.09	1.00	ppb
Antimony	121-1	11.65	11.27	11.22	11.38	2.04	ppb
Arsenic	75-2	77.94	76.45	76.06	76.82	1.29	ppb
Barium	135-1	1021.05	987.00	954.67	987.57	3.36	ppb
Barium	137-1	994.93	959.10	956.96	970.33	2.20	ppb
Beryllium	9-1	3.59	3.57	3.64	3.60	1.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	22.34	22.58	24.08	23.00	4.11	ppb
Boron	11-1	23.54	25.26	25.22	24.67	3.97	ppb
Bromine	81-1						cps
Cadmium	111-1	20.86	20.13	19.82	20.27	2.63	ppb
Cadmium	106-1	19.24	18.63	16.67	18.18	7.40	ppb
Cadmium	108-1	19.15	17.86	17.55	18.19	4.67	ppb
Calcium	43-1	124242.25	122135.08	124690.13	123689.15	1.10	ppb
Calcium	44-1	123492.02	120716.37	124286.13	122831.50	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.35	64.14	62.51	63.33	1.29	ppb
Cobalt	59-2	35.47	36.02	36.01	35.83	0.88	ppb
Copper	63-2	353.04	347.65	355.60	352.10	1.15	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				104		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	127269.53	126199.84	127667.57	127045.65	0.60	ppb
Iron	56-2	128676.32	127416.91	133729.42	129940.88	2.57	ppb
Iron	57-2	129905.59	130370.90	132989.79	131088.76	1.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-12	Instrumnet Name :	P8
Client Sample ID :	MH1PY2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:50:38	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1579.15	1549.58	1550.21	1559.65	1.08	ppb
Lead	207-1	1591.87	1488.27	1523.44	1534.53	3.43	ppb
Lead	208-1	1571.82	1530.45	1532.06	1544.78	1.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	17791.19	17923.59	17374.60	17696.46	1.62	ppb
Manganese	55-2	2900.24	2858.84	2996.86	2918.65	2.43	ppb
Molybdenum	94-1	13.87	13.27	13.65	13.59	2.22	ppb
Molybdenum	95-1	6.74	6.88	6.86	6.82	1.09	ppb
Molybdenum	96-1	10.63	10.46	10.25	10.44	1.83	ppb
Molybdenum	97-1	7.16	6.85	6.86	6.96	2.54	ppb
Molybdenum	98-1	6.78	6.45	6.53	6.59	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	84.35	83.30	85.10	84.25	1.08	ppb
Phosphorus	31-2	6473.76	6301.66	6410.42	6395.28	1.36	ppb
Potassium	39-2	7856.34	8010.03	8088.30	7984.89	1.48	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	3.70	4.51	3.14	3.79	18.17	ppb
Selenium	77-2	53.83	46.47	48.51	49.60	7.66	ppb
Selenium	78-2	10.83	10.09	11.18	10.70	5.19	ppb
Silicon	28-1	136.63	131.35	130.98	132.99	2.38	ppb
Silver	107-1	6.89	6.97	6.40	6.75	4.54	ppb
Silver	109-1	6.74	6.68	6.58	6.67	1.21	ppb
Sodium	23-2	1004.78	991.15	1004.85	1000.26	0.79	ppb
Strontium	86-1	552.94	524.21	541.44	539.53	2.68	ppb
Strontium	88-1	553.56	539.76	540.78	544.70	1.41	ppb
Sulfur	34-1	1278.94	1045.50	1055.53	1126.65	11.71	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.14	1.05	1.17	1.12	5.77	ppb
Thallium	205-1	1.11	1.08	1.11	1.10	1.44	ppb
Tin	118-1	46.99	46.71	45.49	46.40	1.71	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-12	Instrumnet Name :	P8
Client Sample ID :	MH1PY2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:50:38	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	623.09	613.90	591.69	609.56	2.65	ppb
Uranium	238-1	7.41	6.82	6.90	7.04	4.56	ppb
Vanadium	51-2	176.87	176.78	177.68	177.11	0.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	2628.55	2543.56	2622.54	2598.21	1.83	ppb
Zirconium	90-1	4.50	4.44	4.27	4.40	2.73	ppb
Zirconium	91-1	4.52	4.33	4.52	4.46	2.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:53:33	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50500.79	48195.10	49041.22	49245.70	2.37	ppb
Antimony	121-1	474.23	462.86	479.49	472.19	1.80	ppb
Arsenic	75-2	458.97	461.39	454.83	458.40	0.72	ppb
Barium	135-1	2506.72	2419.69	2466.20	2464.20	1.77	ppb
Barium	137-1	2385.21	2442.81	2411.16	2413.06	1.20	ppb
Beryllium	9-1	455.79	478.66	473.95	469.46	2.57	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	311.85	326.13	342.46	326.81	4.69	ppb
Boron	11-1	319.36	321.16	322.63	321.05	0.51	ppb
Bromine	81-1						cps
Cadmium	111-1	472.16	473.46	487.73	477.78	1.81	ppb
Cadmium	106-1	470.94	468.54	474.65	471.37	0.65	ppb
Cadmium	108-1	464.57	480.41	469.78	471.59	1.71	ppb
Calcium	43-1	224133.56	227180.14	235160.40	228824.70	2.49	ppb
Calcium	44-1	225922.39	225901.29	232864.26	228229.32	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.01	490.41	469.27	481.56	2.28	ppb
Cobalt	59-2	482.26	483.26	480.17	481.89	0.33	ppb
Copper	63-2	5366.65	5429.63	5280.18	5358.82	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	118601.75	119710.18	120999.42	119770.45	1.00	ppb
Iron	56-2	123924.07	125094.65	125081.00	124699.91	0.54	ppb
Iron	57-2	124901.54	125191.40	124634.47	124909.13	0.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:53:33	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2498.41	2496.15	2359.89	2451.48	3.24	ppb
Lead	207-1	2489.86	2521.91	2427.77	2479.85	1.93	ppb
Lead	208-1	2466.81	2487.28	2419.72	2457.94	1.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	252056.85	241538.77	243182.95	245592.86	2.30	ppb
Manganese	55-2	4679.23	4806.19	4836.07	4773.83	1.74	ppb
Molybdenum	94-1	4826.72	4741.93	4786.92	4785.19	0.89	ppb
Molybdenum	95-1	4993.14	4827.15	4796.77	4872.35	2.17	ppb
Molybdenum	96-1	4862.89	4740.15	4690.86	4764.63	1.86	ppb
Molybdenum	97-1	4804.86	4732.84	4729.49	4755.73	0.90	ppb
Molybdenum	98-1	4845.31	4638.31	4782.26	4755.30	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.40	498.00	483.40	487.60	1.86	ppb
Phosphorus	31-2	9867.96	9267.13	9745.50	9626.86	3.30	ppb
Potassium	39-2	115222.07	120028.43	114834.92	116695.14	2.48	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	476.06	472.77	472.74	473.86	0.40	ppb
Selenium	77-2	502.84	490.00	518.68	503.84	2.85	ppb
Selenium	78-2	483.42	487.15	487.98	486.18	0.50	ppb
Silicon	28-1	231.14	236.25	249.06	238.82	3.87	ppb
Silver	107-1	489.73	478.41	479.03	482.39	1.32	ppb
Silver	109-1	465.88	484.28	469.99	473.38	2.04	ppb
Sodium	23-2	245454.07	238843.34	242860.05	242385.82	1.37	ppb
Strontium	86-1	480.69	487.30	490.95	486.31	1.07	ppb
Strontium	88-1	489.31	493.15	479.26	487.24	1.47	ppb
Sulfur	34-1	9043.58	9515.43	9677.63	9412.21	3.50	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	485.59	525.77	479.01	496.79	5.10	ppb
Thallium	205-1	495.44	507.12	490.81	497.79	1.69	ppb
Tin	118-1	474.57	459.51	475.37	469.82	1.90	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:53:33	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4760.15	4829.88	4933.57	4841.20	1.80	ppb
Uranium	238-1	498.96	516.96	516.85	510.92	2.03	ppb
Vanadium	51-2	482.35	477.42	465.34	475.04	1.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	4887.25	4936.74	4893.57	4905.85	0.55	ppb
Zirconium	90-1	483.39	471.89	479.59	478.29	1.22	ppb
Zirconium	91-1	490.11	492.14	491.10	491.12	0.21	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:03:37	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.26	1.71	1.01	1.33	27.00	ppb
Antimony	121-1	0.02	0.04	0.06	0.04	41.11	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.00	0.02	0.02	74.27	ppb
Barium	137-1	0.02	0.03	0.03	0.03	38.18	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	38.53	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	5.67	5.63	5.49	5.60	1.68	ppb
Boron	11-1	5.67	5.72	5.45	5.61	2.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	-2.41	-1.98	-2.43	-2.27		ppb
Cadmium	108-1	-0.18	-0.21	-0.19	-0.19		ppb
Calcium	43-1	1.61	1.52	1.00	1.37	23.98	ppb
Calcium	44-1	-0.01	-0.04	-0.41	-0.15		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.04	-0.06	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	120.14	ppb
Copper	63-2	0.13	0.10	0.11	0.11	11.65	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				98		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	54-2	1.89	2.50	2.11	2.17	14.14	ppb
Iron	56-2	1.82	1.50	1.83	1.71	10.99	ppb
Iron	57-2	1.80	1.58	1.01	1.46	27.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:03:37	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.07	0.07	7.48	ppb
Lead	207-1	0.08	0.05	0.05	0.06	29.75	ppb
Lead	208-1	0.07	0.06	0.06	0.07	10.94	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.00	1.67	1.46	1.71	15.95	ppb
Manganese	55-2	0.08	0.07	0.05	0.07	20.99	ppb
Molybdenum	94-1	0.04	0.05	0.04	0.04	16.57	ppb
Molybdenum	95-1	0.07	0.03	0.04	0.04	50.45	ppb
Molybdenum	96-1	0.07	0.04	0.04	0.05	34.52	ppb
Molybdenum	97-1	0.07	0.05	0.01	0.04	66.06	ppb
Molybdenum	98-1	0.06	0.04	0.03	0.04	31.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-14.47	-21.47	-19.33	-18.42		ppb
Potassium	39-2	0.14	1.24	5.85	2.41	125.61	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.32	0.40	1.05	0.59	67.42	ppb
Selenium	77-2	0.00	0.94	0.00	0.31	173.21	ppb
Selenium	78-2	-0.32	-0.43	-0.60	-0.45		ppb
Silicon	28-1	-0.95	-0.65	-0.94	-0.85		ppb
Silver	107-1	0.02	0.02	0.03	0.02	27.63	ppb
Silver	109-1	0.02	0.03	0.02	0.03	29.01	ppb
Sodium	23-2	16.32	14.42	15.02	15.25	6.36	ppb
Strontium	86-1	-0.14	-0.17	-0.39	-0.23		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	79.19	ppb
Sulfur	34-1	-369.10	-329.71	-377.05	-358.62		ppb
Terbium	159-1				94		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.01	0.02	51.49	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.34	ppb
Tin	118-1	0.02	0.04	0.05	0.03	39.53	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:03:37	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.01	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.99	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	20.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.07	0.04	0.13	0.08	58.30	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	42.00	ppb
Zirconium	91-1	0.01	0.03	0.00	0.01	77.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-13	Instrumnet Name :	P8
Client Sample ID :	MH1PY3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:07:26	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32076.78	31804.19	31292.60	31724.52	1.25	ppb
Antimony	121-1	5.81	5.99	6.03	5.94	2.01	ppb
Arsenic	75-2	50.70	50.42	49.97	50.36	0.73	ppb
Barium	135-1	672.35	649.81	677.40	666.52	2.20	ppb
Barium	137-1	673.22	653.49	658.81	661.84	1.54	ppb
Beryllium	9-1	2.53	2.29	2.40	2.41	4.87	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	14.20	13.42	13.89	13.84	2.86	ppb
Boron	11-1	14.42	13.34	14.17	13.98	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	8.15	7.81	8.01	7.99	2.16	ppb
Cadmium	106-1	8.47	6.61	6.15	7.07	17.35	ppb
Cadmium	108-1	7.33	6.87	7.21	7.14	3.35	ppb
Calcium	43-1	88775.68	91301.39	91558.13	90545.07	1.70	ppb
Calcium	44-1	88141.44	89941.98	91477.36	89853.60	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.95	52.04	51.32	51.44	1.07	ppb
Cobalt	59-2	28.00	28.04	28.22	28.09	0.40	ppb
Copper	63-2	140.59	139.59	137.99	139.39	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				108		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	95511.23	100604.80	96099.11	97405.04	2.86	ppb
Iron	56-2	99156.23	95885.64	94248.60	96430.15	2.59	ppb
Iron	57-2	98462.30	99013.17	95877.81	97784.43	1.71	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-13	Instrumnet Name :	P8
Client Sample ID :	MH1PY3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:07:26	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	445.10	453.24	447.57	448.64	0.93	ppb
Lead	207-1	448.90	438.89	450.21	446.00	1.39	ppb
Lead	208-1	442.15	431.58	442.87	438.87	1.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	17113.19	16379.88	16976.00	16823.03	2.32	ppb
Manganese	55-2	1609.99	1632.24	1578.24	1606.82	1.69	ppb
Molybdenum	94-1	10.17	10.59	10.29	10.35	2.13	ppb
Molybdenum	95-1	6.21	6.43	6.38	6.34	1.81	ppb
Molybdenum	96-1	8.49	8.85	8.76	8.70	2.11	ppb
Molybdenum	97-1	6.11	6.24	6.33	6.23	1.78	ppb
Molybdenum	98-1	6.06	6.10	6.06	6.07	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.29	63.52	61.40	62.07	2.03	ppb
Phosphorus	31-2	4331.87	4266.19	4097.66	4231.91	2.85	ppb
Potassium	39-2	7079.96	6932.09	6681.92	6897.99	2.92	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	1.76	3.56	3.53	2.95	35.00	ppb
Selenium	77-2	51.96	47.60	51.51	50.36	4.76	ppb
Selenium	78-2	10.08	9.55	9.47	9.70	3.42	ppb
Silicon	28-1	110.95	111.90	110.45	111.10	0.66	ppb
Silver	107-1	2.34	2.19	2.19	2.24	3.78	ppb
Silver	109-1	2.32	2.19	2.26	2.25	2.90	ppb
Sodium	23-2	693.78	690.17	701.75	695.23	0.85	ppb
Strontium	86-1	294.75	288.37	291.33	291.48	1.09	ppb
Strontium	88-1	287.84	286.82	295.35	290.00	1.61	ppb
Sulfur	34-1	436.91	380.77	273.08	363.58	22.90	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.91	0.96	0.95	0.94	2.44	ppb
Thallium	205-1	0.92	0.94	0.94	0.93	1.17	ppb
Tin	118-1	14.88	14.80	14.92	14.87	0.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-13	Instrumnet Name :	P8
Client Sample ID :	MH1PY3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:07:26	DataFile Name :	083AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	418.08	413.27	409.90	413.75	0.99	ppb
Uranium	238-1	4.68	4.74	4.80	4.74	1.27	ppb
Vanadium	51-2	167.29	169.82	163.90	167.01	1.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	799.68	827.98	810.33	812.66	1.76	ppb
Zirconium	90-1	2.81	2.74	2.82	2.79	1.56	ppb
Zirconium	91-1	2.84	2.84	2.76	2.81	1.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-14	Instrumnet Name :	P8
Client Sample ID :	MH1PY4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:10:22	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29240.07	28312.65	28480.46	28677.73	1.72	ppb
Antimony	121-1	5.13	5.02	5.11	5.09	1.12	ppb
Arsenic	75-2	30.61	31.64	31.34	31.20	1.70	ppb
Barium	135-1	922.25	941.27	926.43	929.99	1.07	ppb
Barium	137-1	914.82	910.66	934.16	919.88	1.36	ppb
Beryllium	9-1	2.09	2.08	2.18	2.11	2.66	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	14.01	13.94	15.15	14.37	4.70	ppb
Boron	11-1	13.64	13.78	15.49	14.30	7.19	ppb
Bromine	81-1						cps
Cadmium	111-1	5.05	5.51	5.24	5.27	4.41	ppb
Cadmium	106-1	7.31	5.87	5.86	6.35	13.20	ppb
Cadmium	108-1	5.67	5.95	6.09	5.90	3.62	ppb
Calcium	43-1	121568.29	122041.66	123390.95	122333.63	0.77	ppb
Calcium	44-1	125223.55	124335.53	125754.73	125104.60	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.23	82.37	82.86	83.15	1.16	ppb
Cobalt	59-2	27.95	27.23	27.62	27.60	1.30	ppb
Copper	63-2	125.58	121.46	124.32	123.79	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	101916.17	97894.43	97969.04	99259.88	2.32	ppb
Iron	56-2	103655.17	100708.69	101327.48	101897.11	1.52	ppb
Iron	57-2	103180.39	96780.80	102645.74	100868.98	3.52	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-14	Instrumnet Name :	P8
Client Sample ID :	MH1PY4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:10:22	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	550.62	566.70	561.69	559.67	1.47	ppb
Lead	207-1	534.06	534.93	545.55	538.18	1.19	ppb
Lead	208-1	536.16	541.20	544.34	540.57	0.76	ppb
Lithium	6-1				107		%
Magnesium	24-2	18521.79	17466.60	18028.01	18005.47	2.93	ppb
Manganese	55-2	2232.37	2155.77	2158.39	2182.18	1.99	ppb
Molybdenum	94-1	11.58	12.34	12.16	12.03	3.30	ppb
Molybdenum	95-1	6.15	6.76	6.62	6.51	4.91	ppb
Molybdenum	96-1	8.79	9.73	9.24	9.25	5.07	ppb
Molybdenum	97-1	6.22	6.65	6.39	6.42	3.36	ppb
Molybdenum	98-1	6.16	6.38	6.66	6.40	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.57	69.52	69.86	69.98	0.77	ppb
Phosphorus	31-2	3805.93	3626.89	3789.29	3740.71	2.64	ppb
Potassium	39-2	7344.17	7165.35	7386.56	7298.69	1.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	2.87	3.07	3.19	3.04	5.35	ppb
Selenium	77-2	47.87	52.11	44.33	48.10	8.10	ppb
Selenium	78-2	8.60	9.22	9.10	8.97	3.68	ppb
Silicon	28-1	181.95	180.86	178.12	180.31	1.09	ppb
Silver	107-1	1.03	0.98	1.02	1.01	2.76	ppb
Silver	109-1	1.07	1.04	1.02	1.05	2.40	ppb
Sodium	23-2	786.45	756.18	775.10	772.58	1.98	ppb
Strontium	86-1	438.90	445.16	463.52	449.19	2.85	ppb
Strontium	88-1	435.43	452.03	443.29	443.59	1.87	ppb
Sulfur	34-1	905.84	924.60	862.76	897.73	3.53	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.94	0.90	0.92	0.92	2.37	ppb
Thallium	205-1	0.87	0.93	0.93	0.91	3.50	ppb
Tin	118-1	13.75	13.89	13.85	13.83	0.53	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-14	Instrumnet Name :	P8
Client Sample ID :	MH1PY4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:10:22	DataFile Name :	084AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	886.17	866.85	887.99	880.34	1.33	ppb
Uranium	238-1	5.74	5.90	6.11	5.92	3.09	ppb
Vanadium	51-2	171.78	165.77	166.21	167.92	2.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	1032.42	1009.49	1011.61	1017.84	1.24	ppb
Zirconium	90-1	3.47	3.65	3.60	3.57	2.50	ppb
Zirconium	91-1	3.51	3.65	3.59	3.58	1.86	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-15	Instrumnet Name :	P8
Client Sample ID :	MH1PY5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:13:15	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33118.28	32930.43	32727.57	32925.43	0.59	ppb
Antimony	121-1	10.43	11.04	10.69	10.72	2.88	ppb
Arsenic	75-2	55.89	55.20	54.43	55.17	1.33	ppb
Barium	135-1	988.21	1065.00	1026.30	1026.51	3.74	ppb
Barium	137-1	1008.86	1032.25	1003.37	1014.82	1.51	ppb
Beryllium	9-1	2.90	2.97	3.04	2.97	2.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	18.52	20.29	20.70	19.84	5.83	ppb
Boron	11-1	19.53	21.23	21.72	20.83	5.51	ppb
Bromine	81-1						cps
Cadmium	111-1	14.88	15.88	15.53	15.43	3.28	ppb
Cadmium	106-1	16.63	17.13	17.17	16.98	1.79	ppb
Cadmium	108-1	14.39	14.60	14.55	14.51	0.73	ppb
Calcium	43-1	154334.37	153066.79	154164.23	153855.13	0.45	ppb
Calcium	44-1	153404.46	152093.11	156685.23	154060.93	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.60	123.31	122.62	123.51	0.82	ppb
Cobalt	59-2	35.83	35.37	36.57	35.92	1.68	ppb
Copper	63-2	278.32	277.49	275.33	277.05	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				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	129678.00	130487.55	125657.99	128607.84	2.01	ppb
Iron	56-2	129635.23	130197.27	132533.50	130788.67	1.18	ppb
Iron	57-2	128555.80	130571.99	130924.31	130017.37	0.98	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-15	Instrumnet Name :	P8
Client Sample ID :	MH1PY5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:13:15	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1655.33	1722.48	1591.64	1656.48	3.95	ppb
Lead	207-1	1614.42	1602.16	1554.01	1590.20	2.01	ppb
Lead	208-1	1652.88	1610.14	1576.05	1613.02	2.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	17243.98	17264.11	17159.10	17222.40	0.32	ppb
Manganese	55-2	2930.74	2942.39	2935.36	2936.16	0.20	ppb
Molybdenum	94-1	13.98	14.23	14.32	14.18	1.22	ppb
Molybdenum	95-1	8.35	8.25	8.71	8.44	2.85	ppb
Molybdenum	96-1	11.84	11.78	12.16	11.93	1.72	ppb
Molybdenum	97-1	8.55	8.62	8.72	8.63	1.01	ppb
Molybdenum	98-1	8.43	8.37	8.54	8.45	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.49	97.61	98.39	97.50	0.98	ppb
Phosphorus	31-2	5139.82	5171.11	5218.43	5176.46	0.76	ppb
Potassium	39-2	7879.75	7725.33	7614.30	7739.79	1.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	4.83	4.08	4.21	4.38	9.12	ppb
Selenium	77-2	53.13	46.49	48.14	49.26	7.02	ppb
Selenium	78-2	10.24	9.86	9.23	9.78	5.19	ppb
Silicon	28-1	188.44	188.03	190.35	188.94	0.65	ppb
Silver	107-1	3.83	3.94	3.91	3.89	1.52	ppb
Silver	109-1	3.79	3.95	3.92	3.89	2.19	ppb
Sodium	23-2	1325.02	1345.25	1336.58	1335.62	0.76	ppb
Strontium	86-1	491.12	492.26	488.48	490.62	0.40	ppb
Strontium	88-1	482.52	488.26	472.64	481.14	1.64	ppb
Sulfur	34-1	1196.07	1436.59	1424.11	1352.26	10.01	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	1.06	0.92	0.92	0.97	8.27	ppb
Thallium	205-1	1.00	0.96	0.92	0.96	4.32	ppb
Tin	118-1	36.21	37.34	37.40	36.98	1.82	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-15	Instrumnet Name :	P8
Client Sample ID :	MH1PY5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:13:15	DataFile Name :	085AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	640.27	631.62	655.91	642.60	1.92	ppb
Uranium	238-1	5.55	5.51	5.37	5.48	1.66	ppb
Vanadium	51-2	186.24	184.07	181.52	183.94	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	2547.86	2586.17	2596.61	2576.88	1.00	ppb
Zirconium	90-1	3.81	3.81	3.83	3.82	0.23	ppb
Zirconium	91-1	3.83	3.79	3.70	3.77	1.77	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-16	Instrumnet Name :	P8
Client Sample ID :	MH1PY6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:16:10	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29793.74	31250.58	30378.71	30474.35	2.41	ppb
Antimony	121-1	8.88	8.60	8.99	8.82	2.25	ppb
Arsenic	75-2	73.58	71.25	70.46	71.76	2.26	ppb
Barium	135-1	959.68	939.39	957.58	952.22	1.17	ppb
Barium	137-1	916.38	908.65	903.61	909.55	0.71	ppb
Beryllium	9-1	2.51	2.54	2.61	2.56	2.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	16.03	15.85	16.64	16.17	2.54	ppb
Boron	11-1	15.87	17.01	17.08	16.66	4.06	ppb
Bromine	81-1						cps
Cadmium	111-1	14.66	14.86	14.93	14.82	0.96	ppb
Cadmium	106-1	13.64	13.74	13.64	13.67	0.41	ppb
Cadmium	108-1	13.19	13.64	13.88	13.57	2.56	ppb
Calcium	43-1	160423.15	155851.08	146109.85	154128.03	4.74	ppb
Calcium	44-1	163075.60	152943.09	146823.85	154280.85	5.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.15	62.87	63.21	63.41	1.04	ppb
Cobalt	59-2	28.14	28.76	27.95	28.28	1.48	ppb
Copper	63-2	249.50	254.37	245.16	249.68	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				104		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	106187.50	104437.12	103693.60	104772.74	1.22	ppb
Iron	56-2	107274.36	106174.33	104657.17	106035.29	1.24	ppb
Iron	57-2	105588.78	105783.67	103190.50	104854.32	1.38	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-16	Instrumnet Name :	P8
Client Sample ID :	MH1PY6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:16:10	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1249.80	1215.19	1162.37	1209.12	3.64	ppb
Lead	207-1	1212.34	1201.81	1113.66	1175.94	4.61	ppb
Lead	208-1	1223.42	1199.84	1119.28	1180.85	4.62	ppb
Lithium	6-1				105		%
Magnesium	24-2	15804.53	15471.58	15042.08	15439.40	2.48	ppb
Manganese	55-2	2284.92	2219.83	2191.97	2232.24	2.14	ppb
Molybdenum	94-1	11.90	12.09	11.98	11.99	0.79	ppb
Molybdenum	95-1	5.98	6.17	5.93	6.02	2.16	ppb
Molybdenum	96-1	9.11	8.97	9.10	9.06	0.90	ppb
Molybdenum	97-1	6.21	6.23	6.09	6.18	1.23	ppb
Molybdenum	98-1	5.89	5.92	6.05	5.95	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.93	68.69	66.54	68.38	2.51	ppb
Phosphorus	31-2	3560.90	3754.84	3587.35	3634.36	2.89	ppb
Potassium	39-2	5853.32	5526.40	5456.65	5612.12	3.77	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	4.72	4.29	3.33	4.11	17.24	ppb
Selenium	77-2	46.35	46.02	34.49	42.29	15.97	ppb
Selenium	78-2	8.77	6.88	8.47	8.04	12.69	ppb
Silicon	28-1	168.33	168.73	152.66	163.24	5.61	ppb
Silver	107-1	4.40	4.44	4.49	4.44	1.01	ppb
Silver	109-1	4.41	4.55	4.47	4.48	1.60	ppb
Sodium	23-2	636.57	628.20	626.76	630.51	0.84	ppb
Strontium	86-1	478.33	466.43	475.05	473.27	1.30	ppb
Strontium	88-1	478.82	465.43	474.64	472.97	1.45	ppb
Sulfur	34-1	1045.02	813.20	391.89	750.04	44.15	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.98	0.98	0.93	0.96	2.89	ppb
Thallium	205-1	1.02	1.02	0.99	1.01	1.77	ppb
Tin	118-1	27.63	27.98	27.27	27.63	1.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-16	Instrumnet Name :	P8
Client Sample ID :	MH1PY6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:16:10	DataFile Name :	086AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	599.23	604.62	567.16	590.33	3.43	ppb
Uranium	238-1	5.45	5.31	5.26	5.34	1.79	ppb
Vanadium	51-2	164.14	161.21	158.96	161.44	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	1608.11	1584.52	1554.64	1582.43	1.69	ppb
Zirconium	90-1	3.74	3.77	3.76	3.76	0.34	ppb
Zirconium	91-1	3.58	3.67	3.67	3.64	1.47	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-17	Instrumnet Name :	P8
Client Sample ID :	MH1PY7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:19:03	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31927.52	31445.19	32621.93	31998.21	1.85	ppb
Antimony	121-1	9.93	9.29	9.30	9.51	3.87	ppb
Arsenic	75-2	90.46	88.37	87.22	88.68	1.85	ppb
Barium	135-1	851.53	796.76	833.67	827.32	3.38	ppb
Barium	137-1	829.66	795.39	801.28	808.78	2.27	ppb
Beryllium	9-1	2.78	2.83	2.77	2.79	1.15	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	14.67	15.95	15.83	15.48	4.56	ppb
Boron	11-1	15.86	15.84	15.96	15.88	0.43	ppb
Bromine	81-1						cps
Cadmium	111-1	17.69	16.97	16.52	17.06	3.46	ppb
Cadmium	106-1	17.24	15.40	16.26	16.30	5.64	ppb
Cadmium	108-1	16.12	15.64	15.83	15.86	1.50	ppb
Calcium	43-1	101726.81	97649.92	102205.87	100527.53	2.49	ppb
Calcium	44-1	101903.44	100451.33	99707.34	100687.37	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.63	52.56	53.20	53.46	1.98	ppb
Cobalt	59-2	29.71	28.49	29.05	29.08	2.10	ppb
Copper	63-2	250.60	248.64	245.89	248.38	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				103		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	105901.64	106757.57	103982.38	105547.20	1.35	ppb
Iron	56-2	105677.31	105774.52	105369.11	105606.98	0.20	ppb
Iron	57-2	109700.82	104392.92	106727.20	106940.32	2.49	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-17	Instrumnet Name :	P8
Client Sample ID :	MH1PY7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:19:03	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1269.25	1265.63	1228.43	1254.44	1.80	ppb
Lead	207-1	1220.38	1237.31	1194.55	1217.41	1.77	ppb
Lead	208-1	1233.12	1250.64	1194.79	1226.18	2.33	ppb
Lithium	6-1				100		%
Magnesium	24-2	14441.07	14747.92	14813.11	14667.37	1.35	ppb
Manganese	55-2	2295.65	2318.72	2308.18	2307.52	0.50	ppb
Molybdenum	94-1	12.61	11.85	11.78	12.08	3.83	ppb
Molybdenum	95-1	6.13	6.10	5.86	6.03	2.45	ppb
Molybdenum	96-1	9.00	9.23	8.68	8.97	3.10	ppb
Molybdenum	97-1	6.27	6.26	5.97	6.17	2.74	ppb
Molybdenum	98-1	6.05	5.97	5.82	5.95	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.01	84.63	84.55	85.40	1.64	ppb
Phosphorus	31-2	3744.82	3684.90	3727.06	3718.93	0.83	ppb
Potassium	39-2	5405.98	5493.86	5180.64	5360.16	3.01	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	3.63	3.53	2.86	3.34	12.57	ppb
Selenium	77-2	43.97	48.20	40.72	44.30	8.47	ppb
Selenium	78-2	8.51	10.29	7.65	8.82	15.24	ppb
Silicon	28-1	150.35	146.39	152.47	149.74	2.06	ppb
Silver	107-1	5.68	5.51	5.30	5.50	3.47	ppb
Silver	109-1	5.76	5.27	5.28	5.44	5.13	ppb
Sodium	23-2	720.62	688.83	699.39	702.95	2.30	ppb
Strontium	86-1	384.78	395.82	372.50	384.37	3.03	ppb
Strontium	88-1	381.35	370.83	361.30	371.16	2.70	ppb
Sulfur	34-1	985.74	870.70	900.78	919.08	6.49	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.13	1.05	1.03	1.07	4.71	ppb
Thallium	205-1	1.17	1.14	1.07	1.13	4.53	ppb
Tin	118-1	24.54	23.44	23.39	23.79	2.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-17	Instrumnet Name :	P8
Client Sample ID :	MH1PY7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:19:03	DataFile Name :	087AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	524.88	530.28	512.71	522.62	1.72	ppb
Uranium	238-1	4.84	4.84	4.42	4.70	5.09	ppb
Vanadium	51-2	163.82	161.70	160.17	161.90	1.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				110		%
Zinc	66-2	1328.13	1331.08	1287.12	1315.44	1.87	ppb
Zirconium	90-1	3.70	3.64	3.54	3.63	2.17	ppb
Zirconium	91-1	3.91	3.80	3.62	3.77	3.82	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-18	Instrumnet Name :	P8
Client Sample ID :	MH1PY8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:21:58	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31201.93	30774.88	29513.00	30496.60	2.88	ppb
Antimony	121-1	12.84	12.86	12.71	12.80	0.63	ppb
Arsenic	75-2	52.39	50.16	50.07	50.88	2.58	ppb
Barium	135-1	931.88	930.62	948.04	936.85	1.04	ppb
Barium	137-1	926.38	887.08	892.77	902.08	2.35	ppb
Beryllium	9-1	3.14	3.06	3.06	3.09	1.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	32.40	32.08	32.41	32.30	0.57	ppb
Boron	11-1	31.82	33.18	34.20	33.06	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	14.45	13.94	14.49	14.29	2.16	ppb
Cadmium	106-1	14.98	14.37	13.77	14.37	4.21	ppb
Cadmium	108-1	14.51	13.99	14.23	14.25	1.82	ppb
Calcium	43-1	144691.60	141660.33	140848.39	142400.11	1.42	ppb
Calcium	44-1	143723.52	142952.37	138379.37	141685.09	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112.15	109.97	107.89	110.01	1.94	ppb
Cobalt	59-2	31.71	31.75	31.52	31.66	0.39	ppb
Copper	63-2	245.32	247.31	244.79	245.81	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	117062.60	117304.67	115277.53	116548.27	0.95	ppb
Iron	56-2	119021.02	119909.59	115848.38	118259.66	1.81	ppb
Iron	57-2	118266.32	118432.98	114428.17	117042.49	1.94	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-18	Instrumnet Name :	P8
Client Sample ID :	MH1PY8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:21:58	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1189.74	1161.93	1185.58	1179.08	1.27	ppb
Lead	207-1	1160.75	1126.80	1140.75	1142.77	1.49	ppb
Lead	208-1	1178.91	1142.51	1141.46	1154.29	1.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	18619.03	18212.13	17823.53	18218.23	2.18	ppb
Manganese	55-2	2918.79	2851.01	2798.60	2856.13	2.11	ppb
Molybdenum	94-1	14.67	14.23	14.15	14.35	1.94	ppb
Molybdenum	95-1	11.64	11.20	11.18	11.34	2.33	ppb
Molybdenum	96-1	14.60	13.94	13.88	14.14	2.82	ppb
Molybdenum	97-1	12.09	11.21	11.16	11.48	4.54	ppb
Molybdenum	98-1	11.43	11.22	10.95	11.20	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.00	86.44	85.00	85.82	0.86	ppb
Phosphorus	31-2	6475.73	6451.54	6264.81	6397.36	1.80	ppb
Potassium	39-2	9410.16	9046.18	8998.32	9151.55	2.46	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	7.09	5.29	4.87	5.75	20.53	ppb
Selenium	77-2	43.75	47.33	42.55	44.54	5.58	ppb
Selenium	78-2	12.13	10.02	11.22	11.12	9.51	ppb
Silicon	28-1	331.60	327.19	299.28	319.36	5.49	ppb
Silver	107-1	3.92	3.80	3.74	3.82	2.33	ppb
Silver	109-1	3.89	3.77	3.84	3.83	1.60	ppb
Sodium	23-2	734.48	733.87	718.40	728.92	1.25	ppb
Strontium	86-1	610.33	578.76	577.35	588.81	3.17	ppb
Strontium	88-1	586.71	555.89	575.42	572.67	2.72	ppb
Sulfur	34-1	2914.02	2657.90	2434.76	2668.89	8.99	ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	0.95	0.87	0.89	0.91	4.47	ppb
Thallium	205-1	0.94	0.88	0.94	0.92	3.56	ppb
Tin	118-1	36.67	34.38	35.03	35.36	3.33	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-18	Instrumnet Name :	P8
Client Sample ID :	MH1PY8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:21:58	DataFile Name :	088AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	543.42	514.94	517.14	525.17	3.02	ppb
Uranium	238-1	5.94	5.85	5.78	5.85	1.32	ppb
Vanadium	51-2	168.49	168.24	164.64	167.12	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	2298.40	2300.99	2245.41	2281.60	1.37	ppb
Zirconium	90-1	2.80	2.65	2.75	2.73	2.81	ppb
Zirconium	91-1	2.74	2.70	2.68	2.71	1.21	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-19	Instrumnet Name :	P8
Client Sample ID :	MH1PY9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:24:51	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28991.14	27827.35	27846.26	28221.58	2.36	ppb
Antimony	121-1	10.71	10.57	10.43	10.57	1.36	ppb
Arsenic	75-2	68.85	66.51	66.54	67.30	1.99	ppb
Barium	135-1	854.79	835.98	809.80	833.52	2.71	ppb
Barium	137-1	839.29	818.89	779.40	812.53	3.75	ppb
Beryllium	9-1	2.98	2.87	2.92	2.92	1.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	25.70	27.39	26.38	26.49	3.20	ppb
Boron	11-1	27.01	27.52	28.42	27.65	2.58	ppb
Bromine	81-1						cps
Cadmium	111-1	17.85	18.40	17.38	17.87	2.87	ppb
Cadmium	106-1	15.47	18.81	17.18	17.15	9.71	ppb
Cadmium	108-1	17.00	17.44	15.40	16.62	6.46	ppb
Calcium	43-1	110968.70	108762.06	97643.12	105791.30	6.75	ppb
Calcium	44-1	109540.65	107152.19	99569.22	105420.69	4.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.39	70.23	70.25	70.62	0.94	ppb
Cobalt	59-2	32.01	30.88	30.61	31.17	2.39	ppb
Copper	63-2	309.62	297.90	303.00	303.51	1.94	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				107		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	130138.73	125352.18	121666.93	125719.28	3.38	ppb
Iron	56-2	128816.58	124173.73	122677.06	125222.46	2.56	ppb
Iron	57-2	128200.87	122213.06	121601.20	124005.04	2.94	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-19	Instrumnet Name :	P8
Client Sample ID :	MH1PY9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:24:51	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1610.23	1601.14	1496.16	1569.18	4.04	ppb
Lead	207-1	1595.86	1560.83	1473.45	1543.38	4.08	ppb
Lead	208-1	1590.51	1591.19	1492.00	1557.90	3.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	14570.72	14269.21	13594.36	14144.77	3.53	ppb
Manganese	55-2	3303.70	3159.75	3133.01	3198.82	2.87	ppb
Molybdenum	94-1	11.99	11.89	10.97	11.61	4.86	ppb
Molybdenum	95-1	6.94	6.82	6.31	6.69	5.05	ppb
Molybdenum	96-1	10.48	10.37	8.99	9.94	8.35	ppb
Molybdenum	97-1	7.05	6.72	6.22	6.67	6.29	ppb
Molybdenum	98-1	6.70	6.67	6.06	6.48	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.56	81.24	79.99	81.26	1.58	ppb
Phosphorus	31-2	5368.46	4988.30	5205.45	5187.40	3.68	ppb
Potassium	39-2	6896.08	6810.92	6892.14	6866.38	0.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	4.51	4.38	3.24	4.04	17.33	ppb
Selenium	77-2	46.38	42.06	33.74	40.73	15.77	ppb
Selenium	78-2	8.80	8.55	8.58	8.64	1.56	ppb
Silicon	28-1	220.57	214.69	202.63	212.63	4.30	ppb
Silver	107-1	5.00	4.75	4.80	4.85	2.72	ppb
Silver	109-1	5.03	5.01	4.81	4.95	2.43	ppb
Sodium	23-2	679.08	648.43	638.51	655.34	3.23	ppb
Strontium	86-1	494.43	481.18	455.30	476.97	4.17	ppb
Strontium	88-1	479.75	470.13	444.75	464.88	3.89	ppb
Sulfur	34-1	1869.63	1942.37	1233.81	1681.94	23.18	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.84	0.87	0.90	0.87	3.12	ppb
Thallium	205-1	0.89	0.86	0.84	0.86	2.79	ppb
Tin	118-1	40.03	39.93	38.37	39.44	2.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-19	Instrumnet Name :	P8
Client Sample ID :	MH1PY9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:24:51	DataFile Name :	089AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	593.33	594.38	549.17	578.96	4.46	ppb
Uranium	238-1	5.61	5.36	5.22	5.39	3.65	ppb
Vanadium	51-2	150.91	150.74	147.35	149.67	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	2933.16	2999.53	2929.30	2953.99	1.34	ppb
Zirconium	90-1	3.42	3.22	3.03	3.22	6.05	ppb
Zirconium	91-1	3.37	3.41	2.99	3.26	7.13	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-01	Instrumnet Name :	P8
Client Sample ID :	MH1PZ0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:27:47	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30719.71	28870.31	29013.22	29534.42	3.48	ppb
Antimony	121-1	7.20	7.40	7.44	7.35	1.79	ppb
Arsenic	75-2	71.00	71.09	69.85	70.65	0.98	ppb
Barium	135-1	606.53	596.84	594.74	599.37	1.05	ppb
Barium	137-1	575.84	580.12	573.73	576.56	0.56	ppb
Beryllium	9-1	2.20	2.22	2.28	2.23	1.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	14.00	14.16	15.25	14.47	4.72	ppb
Boron	11-1	14.37	15.07	15.86	15.10	4.93	ppb
Bromine	81-1						cps
Cadmium	111-1	16.55	16.03	16.34	16.31	1.60	ppb
Cadmium	106-1	16.14	15.16	14.36	15.22	5.85	ppb
Cadmium	108-1	14.62	14.28	14.90	14.60	2.13	ppb
Calcium	43-1	62948.52	61388.44	61355.17	61897.38	1.47	ppb
Calcium	44-1	62692.94	61067.66	60723.04	61494.55	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.48	52.63	52.00	52.71	1.41	ppb
Cobalt	59-2	28.44	27.85	27.60	27.96	1.54	ppb
Copper	63-2	201.68	195.46	197.08	198.08	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				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	117972.43	116014.89	114405.07	116130.79	1.54	ppb
Iron	56-2	119697.76	115744.14	112779.94	116073.95	2.99	ppb
Iron	57-2	118653.49	121142.12	115717.81	118504.48	2.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-01	Instrumnet Name :	P8
Client Sample ID :	MH1PZ0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:27:47	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	919.22	928.45	966.28	937.99	2.66	ppb
Lead	207-1	907.01	910.80	942.68	920.17	2.13	ppb
Lead	208-1	910.17	912.29	936.22	919.56	1.57	ppb
Lithium	6-1				102		%
Magnesium	24-2	14276.22	13714.01	13795.98	13928.73	2.18	ppb
Manganese	55-2	2155.91	2107.74	2113.62	2125.76	1.24	ppb
Molybdenum	94-1	12.14	11.59	11.50	11.74	2.98	ppb
Molybdenum	95-1	5.97	5.73	5.79	5.83	2.23	ppb
Molybdenum	96-1	9.53	8.88	8.64	9.02	5.07	ppb
Molybdenum	97-1	5.92	5.92	5.54	5.79	3.79	ppb
Molybdenum	98-1	5.68	5.65	5.48	5.60	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.81	57.80	56.28	57.63	2.21	ppb
Phosphorus	31-2	3561.98	3613.68	3362.84	3512.83	3.77	ppb
Potassium	39-2	6870.50	6674.77	6835.98	6793.75	1.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	3.02	2.17	3.20	2.80	19.64	ppb
Selenium	77-2	41.06	35.63	39.45	38.71	7.21	ppb
Selenium	78-2	9.26	8.97	8.42	8.88	4.79	ppb
Silicon	28-1	151.68	144.81	149.13	148.54	2.34	ppb
Silver	107-1	3.93	3.88	4.07	3.96	2.46	ppb
Silver	109-1	3.91	4.01	3.86	3.92	1.93	ppb
Sodium	23-2	600.66	600.95	621.67	607.76	1.98	ppb
Strontium	86-1	283.20	271.16	275.07	276.48	2.22	ppb
Strontium	88-1	279.95	272.04	271.55	274.51	1.72	ppb
Sulfur	34-1	558.86	581.14	720.34	620.11	14.11	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.96	0.93	0.92	0.94	2.15	ppb
Thallium	205-1	0.87	0.94	0.95	0.92	4.64	ppb
Tin	118-1	15.56	15.56	15.39	15.50	0.63	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-01	Instrumnet Name :	P8
Client Sample ID :	MH1PZ0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:27:47	DataFile Name :	090AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	588.22	581.42	573.33	580.99	1.28	ppb
Uranium	238-1	4.83	4.64	4.77	4.75	2.03	ppb
Vanadium	51-2	170.97	167.38	163.99	167.45	2.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	1165.30	1140.24	1133.44	1146.32	1.46	ppb
Zirconium	90-1	3.61	3.52	3.47	3.54	1.92	ppb
Zirconium	91-1	3.72	3.73	3.42	3.62	4.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-02	Instrumnet Name :	P8
Client Sample ID :	MH1PZ1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:30:40	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31845.03	30578.36	31152.54	31191.98	2.03	ppb
Antimony	121-1	4.07	4.19	4.04	4.10	1.91	ppb
Arsenic	75-2	52.73	52.98	52.08	52.59	0.89	ppb
Barium	135-1	567.72	571.49	560.80	566.67	0.96	ppb
Barium	137-1	571.34	567.83	547.57	562.25	2.28	ppb
Beryllium	9-1	2.06	2.12	2.18	2.12	2.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	9.51	10.01	9.88	9.80	2.64	ppb
Boron	11-1	9.52	10.26	10.15	9.98	4.02	ppb
Bromine	81-1						cps
Cadmium	111-1	4.18	4.32	4.07	4.19	3.01	ppb
Cadmium	106-1	5.53	3.98	5.39	4.97	17.25	ppb
Cadmium	108-1	3.91	4.02	3.78	3.90	3.03	ppb
Calcium	43-1	60784.82	59733.74	61637.55	60718.71	1.57	ppb
Calcium	44-1	59983.34	59891.17	61588.27	60487.59	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.99	50.42	49.76	50.39	1.22	ppb
Cobalt	59-2	26.62	25.92	26.23	26.26	1.32	ppb
Copper	63-2	90.77	90.44	90.57	90.59	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				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	97367.46	95141.08	94393.30	95633.94	1.62	ppb
Iron	56-2	97808.69	95265.64	95960.11	96344.81	1.36	ppb
Iron	57-2	97894.69	97107.88	95644.03	96882.20	1.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-02	Instrumnet Name :	P8
Client Sample ID :	MH1PZ1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:30:40	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	151.60	154.06	155.16	153.61	1.19	ppb
Lead	207-1	145.60	150.53	153.07	149.73	2.54	ppb
Lead	208-1	150.83	154.57	154.50	153.30	1.39	ppb
Lithium	6-1				102		%
Magnesium	24-2	15068.87	15274.98	15390.42	15244.75	1.07	ppb
Manganese	55-2	1327.45	1322.70	1317.74	1322.63	0.37	ppb
Molybdenum	94-1	9.79	9.85	9.51	9.71	1.87	ppb
Molybdenum	95-1	5.88	5.85	5.89	5.87	0.33	ppb
Molybdenum	96-1	8.34	8.12	8.41	8.29	1.78	ppb
Molybdenum	97-1	6.03	6.07	6.02	6.04	0.46	ppb
Molybdenum	98-1	5.84	5.94	5.77	5.85	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.11	54.97	54.37	55.15	1.60	ppb
Phosphorus	31-2	3154.57	3113.08	3145.68	3137.78	0.70	ppb
Potassium	39-2	7851.36	7967.20	7679.64	7832.73	1.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	3.36	4.00	3.38	3.58	10.07	ppb
Selenium	77-2	52.44	48.48	50.61	50.51	3.92	ppb
Selenium	78-2	8.41	8.68	7.96	8.35	4.38	ppb
Silicon	28-1	136.48	138.81	138.87	138.05	0.99	ppb
Silver	107-1	0.86	0.83	0.80	0.83	3.80	ppb
Silver	109-1	0.86	0.82	0.80	0.83	3.80	ppb
Sodium	23-2	620.31	617.84	639.01	625.72	1.85	ppb
Strontium	86-1	212.81	212.01	216.26	213.69	1.06	ppb
Strontium	88-1	210.61	207.07	214.25	210.64	1.71	ppb
Sulfur	34-1	444.68	443.32	663.17	517.06	24.47	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.75	0.81	0.79	0.78	4.13	ppb
Thallium	205-1	0.77	0.84	0.83	0.82	4.34	ppb
Tin	118-1	4.10	4.27	4.05	4.14	2.83	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-02	Instrumnet Name :	P8
Client Sample ID :	MH1PZ1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:30:40	DataFile Name :	091AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	439.49	443.28	450.14	444.30	1.22	ppb
Uranium	238-1	3.36	3.38	3.42	3.38	0.87	ppb
Vanadium	51-2	169.94	165.37	166.28	167.20	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	325.29	313.75	319.60	319.55	1.81	ppb
Zirconium	90-1	2.45	2.46	2.44	2.45	0.28	ppb
Zirconium	91-1	2.38	2.47	2.36	2.40	2.37	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-03	Instrumnet Name :	P8
Client Sample ID :	MH1PZ2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:33:35	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30941.35	31926.15	33780.95	32216.15	4.48	ppb
Antimony	121-1	9.58	9.29	9.23	9.36	2.01	ppb
Arsenic	75-2	44.67	46.39	46.33	45.80	2.13	ppb
Barium	135-1	858.63	873.27	831.04	854.31	2.51	ppb
Barium	137-1	852.29	865.43	828.49	848.74	2.21	ppb
Beryllium	9-1	2.67	2.81	2.82	2.77	3.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	24.12	24.98	26.08	25.06	3.93	ppb
Boron	11-1	23.88	25.82	26.22	25.31	4.95	ppb
Bromine	81-1						cps
Cadmium	111-1	13.93	14.33	13.94	14.07	1.62	ppb
Cadmium	106-1	14.35	13.21	12.26	13.27	7.89	ppb
Cadmium	108-1	14.05	14.60	13.52	14.06	3.82	ppb
Calcium	43-1	117517.05	113119.77	118307.19	116314.67	2.40	ppb
Calcium	44-1	117917.64	112494.10	119030.86	116480.86	3.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.29	139.99	144.21	139.83	3.19	ppb
Cobalt	59-2	31.04	32.23	33.33	32.20	3.56	ppb
Copper	63-2	272.97	286.34	291.70	283.67	3.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	114204.67	119753.68	124147.75	119368.70	4.17	ppb
Iron	56-2	118685.08	124868.72	126174.21	123242.67	3.25	ppb
Iron	57-2	118967.48	118871.24	121165.51	119668.08	1.08	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-03	Instrumnet Name :	P8
Client Sample ID :	MH1PZ2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:33:35	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1271.01	1301.48	1349.98	1307.49	3.05	ppb
Lead	207-1	1266.85	1287.68	1314.47	1289.67	1.85	ppb
Lead	208-1	1287.53	1284.73	1318.22	1296.83	1.43	ppb
Lithium	6-1				104		%
Magnesium	24-2	18582.71	19678.57	20424.83	19562.04	4.74	ppb
Manganese	55-2	2838.40	3051.09	3037.62	2975.70	4.00	ppb
Molybdenum	94-1	13.40	13.36	13.60	13.45	0.98	ppb
Molybdenum	95-1	11.46	11.07	10.82	11.12	2.87	ppb
Molybdenum	96-1	14.17	13.86	13.90	13.98	1.20	ppb
Molybdenum	97-1	11.58	10.98	11.37	11.31	2.72	ppb
Molybdenum	98-1	11.18	10.83	11.00	11.00	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.10	91.18	92.81	90.70	2.64	ppb
Phosphorus	31-2	6496.85	6411.60	6693.77	6534.07	2.21	ppb
Potassium	39-2	8020.27	8519.96	8384.45	8308.23	3.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	4.64	6.45	5.18	5.42	17.10	ppb
Selenium	77-2	44.25	43.23	47.01	44.83	4.36	ppb
Selenium	78-2	10.91	11.34	11.92	11.39	4.46	ppb
Silicon	28-1	195.37	187.54	188.23	190.38	2.28	ppb
Silver	107-1	4.07	3.94	3.91	3.97	2.21	ppb
Silver	109-1	3.85	3.98	3.93	3.92	1.61	ppb
Sodium	23-2	610.36	661.80	668.46	646.87	4.92	ppb
Strontium	86-1	480.05	478.26	482.34	480.22	0.43	ppb
Strontium	88-1	482.66	468.09	472.02	474.25	1.59	ppb
Sulfur	34-1	2231.06	2017.22	2110.16	2119.48	5.06	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	1.00	0.95	1.05	1.00	4.84	ppb
Thallium	205-1	1.05	0.99	1.07	1.04	4.09	ppb
Tin	118-1	27.38	26.83	26.58	26.93	1.52	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-03	Instrumnet Name :	P8
Client Sample ID :	MH1PZ2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:33:35	DataFile Name :	092AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	582.39	565.60	566.80	571.60	1.64	ppb
Uranium	238-1	5.87	5.76	5.77	5.80	1.00	ppb
Vanadium	51-2	164.05	174.72	174.09	170.95	3.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	3103.75	3196.05	3180.15	3159.98	1.56	ppb
Zirconium	90-1	2.19	2.17	2.26	2.21	2.19	ppb
Zirconium	91-1	2.19	2.21	2.30	2.23	2.77	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-04	Instrumnet Name :	P8
Client Sample ID :	MH1PZ3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:36:28	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32995.93	33259.91	33443.73	33233.19	0.68	ppb
Antimony	121-1	10.47	9.69	9.97	10.04	3.90	ppb
Arsenic	75-2	57.40	56.61	59.12	57.71	2.22	ppb
Barium	135-1	870.19	805.76	829.09	835.01	3.91	ppb
Barium	137-1	845.84	797.24	790.45	811.17	3.72	ppb
Beryllium	9-1	2.84	2.61	2.58	2.68	5.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	19.39	18.80	19.31	19.17	1.68	ppb
Boron	11-1	20.53	19.17	20.27	19.99	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	17.29	16.23	16.02	16.51	4.10	ppb
Cadmium	106-1	17.38	15.78	15.98	16.38	5.34	ppb
Cadmium	108-1	16.31	15.12	13.91	15.11	7.96	ppb
Calcium	43-1	118188.30	111496.64	113787.88	114490.94	2.97	ppb
Calcium	44-1	119975.75	110906.71	113386.57	114756.35	4.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.11	104.93	106.30	105.78	0.71	ppb
Cobalt	59-2	34.00	33.45	34.67	34.04	1.79	ppb
Copper	63-2	312.43	313.97	322.08	316.16	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	54-2	135062.55	137366.16	134391.33	135606.68	1.15	ppb
Iron	56-2	138809.42	135221.66	139300.85	137777.31	1.62	ppb
Iron	57-2	139267.10	137585.27	137816.46	138222.94	0.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-04	Instrumnet Name :	P8
Client Sample ID :	MH1PZ3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:36:28	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1582.09	1431.02	1450.44	1487.85	5.52	ppb
Lead	207-1	1517.43	1346.38	1388.80	1417.54	6.28	ppb
Lead	208-1	1538.33	1360.86	1425.16	1441.45	6.23	ppb
Lithium	6-1				113		%
Magnesium	24-2	17637.17	16995.46	17237.72	17290.12	1.87	ppb
Manganese	55-2	2981.31	2929.52	2896.38	2935.74	1.46	ppb
Molybdenum	94-1	13.27	12.05	11.39	12.24	7.78	ppb
Molybdenum	95-1	9.41	8.48	8.13	8.68	7.63	ppb
Molybdenum	96-1	12.67	11.46	11.14	11.76	6.87	ppb
Molybdenum	97-1	9.68	8.37	7.99	8.68	10.21	ppb
Molybdenum	98-1	9.27	8.16	8.02	8.49	8.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.78	92.63	92.86	93.42	1.26	ppb
Phosphorus	31-2	5557.96	5685.90	6052.28	5765.38	4.45	ppb
Potassium	39-2	6498.88	6506.16	6500.16	6501.74	0.06	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	82-1	5.00	5.15	4.61	4.92	5.65	ppb
Selenium	77-2	40.24	50.68	43.00	44.64	12.11	ppb
Selenium	78-2	9.58	11.33	10.91	10.61	8.60	ppb
Silicon	28-1	119.98	116.18	108.39	114.85	5.15	ppb
Silver	107-1	4.82	4.55	4.49	4.62	3.87	ppb
Silver	109-1	4.76	4.51	4.47	4.58	3.34	ppb
Sodium	23-2	609.81	593.95	607.12	603.63	1.41	ppb
Strontium	86-1	502.26	458.09	436.66	465.67	7.18	ppb
Strontium	88-1	492.33	448.86	430.86	457.35	6.91	ppb
Sulfur	34-1	1399.53	1019.70	873.40	1097.54	24.74	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	1.10	1.00	1.00	1.03	5.87	ppb
Thallium	205-1	1.09	1.02	1.03	1.05	3.33	ppb
Tin	118-1	34.94	31.90	31.79	32.88	5.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-04	Instrumnet Name :	P8
Client Sample ID :	MH1PZ3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:36:28	DataFile Name :	093AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	676.64	649.56	624.45	650.22	4.01	ppb
Uranium	238-1	6.91	6.42	6.27	6.53	5.07	ppb
Vanadium	51-2	183.35	183.20	186.49	184.35	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	3634.49	3483.05	3541.07	3552.87	2.15	ppb
Zirconium	90-1	2.77	3.03	2.50	2.76	9.61	ppb
Zirconium	91-1	2.92	2.62	2.49	2.68	8.26	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-05	Instrumnet Name :	P8
Client Sample ID :	MH1PZ4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:39:24	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31384.97	32503.98	32076.60	31988.52	1.77	ppb
Antimony	121-1	10.68	11.06	10.92	10.89	1.75	ppb
Arsenic	75-2	104.40	106.46	105.99	105.62	1.02	ppb
Barium	135-1	821.67	855.15	857.27	844.70	2.36	ppb
Barium	137-1	814.15	836.21	821.19	823.85	1.37	ppb
Beryllium	9-1	2.88	3.00	3.03	2.97	2.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	17.04	18.18	17.95	17.72	3.41	ppb
Boron	11-1	16.66	17.98	19.08	17.90	6.77	ppb
Bromine	81-1						cps
Cadmium	111-1	25.87	26.31	26.43	26.20	1.13	ppb
Cadmium	106-1	22.30	25.56	24.45	24.11	6.87	ppb
Cadmium	108-1	21.96	22.87	23.90	22.91	4.23	ppb
Calcium	43-1	106515.10	107893.61	107107.33	107172.01	0.65	ppb
Calcium	44-1	105948.21	108192.54	108622.03	107587.59	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.13	61.93	62.85	62.30	0.78	ppb
Cobalt	59-2	31.21	31.63	31.49	31.45	0.68	ppb
Copper	63-2	388.75	379.92	378.53	382.40	1.45	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				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	136616.15	135877.56	135642.39	136045.37	0.37	ppb
Iron	56-2	136226.88	131990.07	135317.06	134511.34	1.66	ppb
Iron	57-2	135858.43	136602.67	137203.62	136554.91	0.49	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-05	Instrumnet Name :	P8
Client Sample ID :	MH1PZ4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:39:24	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1687.33	1742.46	1738.81	1722.87	1.79	ppb
Lead	207-1	1631.51	1716.65	1655.84	1668.00	2.63	ppb
Lead	208-1	1657.07	1711.79	1689.16	1686.01	1.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	14509.15	14783.38	14185.95	14492.82	2.06	ppb
Manganese	55-2	2913.39	2962.18	2976.22	2950.60	1.12	ppb
Molybdenum	94-1	10.69	10.67	10.00	10.45	3.73	ppb
Molybdenum	95-1	5.78	5.82	5.60	5.73	2.09	ppb
Molybdenum	96-1	9.37	9.01	9.11	9.16	1.99	ppb
Molybdenum	97-1	6.02	5.80	5.61	5.81	3.54	ppb
Molybdenum	98-1	5.62	5.52	5.29	5.47	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	83.71	82.99	85.26	83.99	1.38	ppb
Phosphorus	31-2	4135.84	4255.32	4114.49	4168.55	1.82	ppb
Potassium	39-2	4891.95	4892.25	5047.39	4943.86	1.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	3.52	3.94	4.12	3.86	8.04	ppb
Selenium	77-2	36.68	41.96	40.49	39.71	6.86	ppb
Selenium	78-2	7.41	9.63	9.13	8.72	13.38	ppb
Silicon	28-1	120.89	120.40	116.37	119.22	2.08	ppb
Silver	107-1	7.23	7.39	7.49	7.37	1.72	ppb
Silver	109-1	7.08	7.45	7.27	7.27	2.51	ppb
Sodium	23-2	687.66	686.49	711.36	695.17	2.02	ppb
Strontium	86-1	437.68	425.09	424.71	429.16	1.72	ppb
Strontium	88-1	427.95	421.57	410.30	419.94	2.13	ppb
Sulfur	34-1	1036.87	1167.56	1144.03	1116.15	6.24	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.22	1.22	1.13	1.19	4.47	ppb
Thallium	205-1	1.19	1.25	1.23	1.22	2.56	ppb
Tin	118-1	35.25	37.06	36.29	36.20	2.51	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-05	Instrumnet Name :	P8
Client Sample ID :	MH1PZ4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:39:24	DataFile Name :	094AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	739.50	767.98	750.59	752.69	1.91	ppb
Uranium	238-1	5.14	5.24	5.14	5.17	1.09	ppb
Vanadium	51-2	167.80	168.53	169.90	168.74	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	2432.12	2405.99	2437.55	2425.22	0.70	ppb
Zirconium	90-1	3.15	3.02	2.84	3.00	5.16	ppb
Zirconium	91-1	3.13	2.99	2.97	3.03	2.84	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-06	Instrumnet Name :	P8
Client Sample ID :	MH1PZ5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:42:17	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35745.18	36161.88	36860.91	36255.99	1.56	ppb
Antimony	121-1	7.10	7.15	7.43	7.23	2.48	ppb
Arsenic	75-2	72.81	75.19	73.60	73.87	1.64	ppb
Barium	135-1	671.00	677.48	696.23	681.57	1.92	ppb
Barium	137-1	673.27	655.44	689.18	672.63	2.51	ppb
Beryllium	9-1	2.47	2.52	2.41	2.46	2.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	11.75	11.93	12.37	12.01	2.66	ppb
Boron	11-1	11.98	12.38	12.43	12.26	2.01	ppb
Bromine	81-1						cps
Cadmium	111-1	14.34	14.20	15.00	14.51	2.94	ppb
Cadmium	106-1	13.60	13.11	14.42	13.71	4.84	ppb
Cadmium	108-1	12.29	12.26	12.31	12.29	0.22	ppb
Calcium	43-1	83978.70	84687.12	83546.42	84070.75	0.69	ppb
Calcium	44-1	84659.14	83467.14	83619.86	83915.38	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.55	62.36	62.93	62.61	0.46	ppb
Cobalt	59-2	30.12	30.34	30.55	30.34	0.71	ppb
Copper	63-2	193.36	194.90	192.69	193.65	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	116040.81	118222.37	119106.67	117789.95	1.34	ppb
Iron	56-2	119741.25	114875.77	119009.40	117875.47	2.23	ppb
Iron	57-2	121244.30	118960.15	119930.71	120045.05	0.95	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-06	Instrumnet Name :	P8
Client Sample ID :	MH1PZ5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:42:17	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	702.54	704.82	685.02	697.46	1.55	ppb
Lead	207-1	701.26	695.26	673.35	689.96	2.13	ppb
Lead	208-1	691.57	690.78	677.55	686.64	1.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	17119.04	16455.87	17304.04	16959.65	2.63	ppb
Manganese	55-2	1951.63	1957.34	1958.65	1955.87	0.19	ppb
Molybdenum	94-1	10.27	10.38	10.65	10.43	1.87	ppb
Molybdenum	95-1	6.51	6.43	6.56	6.50	0.98	ppb
Molybdenum	96-1	9.69	9.20	9.19	9.36	3.08	ppb
Molybdenum	97-1	6.60	6.31	6.92	6.61	4.65	ppb
Molybdenum	98-1	6.45	6.23	6.71	6.46	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.85	97.45	98.18	96.83	1.81	ppb
Phosphorus	31-2	3735.48	3736.00	3812.93	3761.47	1.18	ppb
Potassium	39-2	6895.27	6990.76	7319.57	7068.53	3.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	4.82	4.36	2.20	3.79	36.81	ppb
Selenium	77-2	52.33	56.97	43.82	51.04	13.06	ppb
Selenium	78-2	9.46	9.83	10.04	9.78	2.97	ppb
Silicon	28-1	154.43	151.06	149.90	151.80	1.55	ppb
Silver	107-1	3.02	2.86	3.06	2.98	3.53	ppb
Silver	109-1	2.92	2.92	2.93	2.93	0.31	ppb
Sodium	23-2	592.64	587.17	594.97	591.59	0.68	ppb
Strontium	86-1	301.04	290.91	291.20	294.38	1.96	ppb
Strontium	88-1	287.84	290.86	284.55	287.75	1.10	ppb
Sulfur	34-1	863.03	877.58	894.21	878.27	1.78	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.11	1.12	1.07	1.10	2.61	ppb
Thallium	205-1	1.11	1.07	1.08	1.09	1.70	ppb
Tin	118-1	14.34	14.32	14.51	14.39	0.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-06	Instrumnet Name :	P8
Client Sample ID :	MH1PZ5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:42:17	DataFile Name :	095AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	635.92	638.50	636.27	636.89	0.22	ppb
Uranium	238-1	5.10	5.07	5.06	5.08	0.44	ppb
Vanadium	51-2	193.16	191.16	195.01	193.11	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	904.35	937.83	944.26	928.82	2.31	ppb
Zirconium	90-1	2.59	2.60	2.59	2.59	0.12	ppb
Zirconium	91-1	2.67	2.48	2.60	2.58	3.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-07	Instrumnet Name :	P8
Client Sample ID :	MH1PZ6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:45:12	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33306.56	32815.59	31806.63	32642.93	2.34	ppb
Antimony	121-1	3.98	4.14	4.06	4.06	1.98	ppb
Arsenic	75-2	31.00	31.34	31.73	31.36	1.18	ppb
Barium	135-1	1004.89	988.56	997.44	996.96	0.82	ppb
Barium	137-1	964.74	969.22	969.82	967.93	0.29	ppb
Beryllium	9-1	2.22	2.28	2.15	2.22	3.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	13.92	14.77	14.92	14.54	3.69	ppb
Boron	11-1	14.59	14.99	14.90	14.83	1.41	ppb
Bromine	81-1						cps
Cadmium	111-1	4.98	5.02	5.03	5.01	0.55	ppb
Cadmium	106-1	4.05	7.16	5.00	5.40	29.54	ppb
Cadmium	108-1	5.16	5.03	4.84	5.01	3.21	ppb
Calcium	43-1	126867.74	127051.86	127137.85	127019.15	0.11	ppb
Calcium	44-1	126893.54	126067.23	130630.28	127863.68	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.13	69.88	69.39	69.47	0.55	ppb
Cobalt	59-2	28.59	28.96	28.48	28.68	0.87	ppb
Copper	63-2	136.49	135.88	135.72	136.03	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				104		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	108668.73	111213.84	109840.38	109907.65	1.16	ppb
Iron	56-2	110036.96	110830.78	110839.92	110569.22	0.42	ppb
Iron	57-2	113938.49	110896.59	110930.39	111921.82	1.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-07	Instrumnet Name :	P8
Client Sample ID :	MH1PZ6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:45:12	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	405.34	423.36	409.63	412.78	2.28	ppb
Lead	207-1	403.99	406.34	416.03	408.79	1.56	ppb
Lead	208-1	397.04	406.96	405.22	403.07	1.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	19539.95	19615.31	18336.54	19163.93	3.74	ppb
Manganese	55-2	2034.87	2038.72	2026.17	2033.25	0.32	ppb
Molybdenum	94-1	10.18	10.33	10.31	10.27	0.79	ppb
Molybdenum	95-1	5.70	5.88	5.86	5.81	1.78	ppb
Molybdenum	96-1	8.64	8.28	8.66	8.53	2.48	ppb
Molybdenum	97-1	5.83	6.04	6.08	5.98	2.21	ppb
Molybdenum	98-1	5.83	5.68	5.93	5.81	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.96	70.34	69.42	69.91	0.67	ppb
Phosphorus	31-2	3815.82	3642.84	3370.04	3609.57	6.23	ppb
Potassium	39-2	8247.30	8137.28	8135.34	8173.31	0.78	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	3.27	3.18	4.29	3.58	17.26	ppb
Selenium	77-2	38.30	56.39	57.49	50.73	21.24	ppb
Selenium	78-2	9.61	9.15	10.37	9.71	6.33	ppb
Silicon	28-1	162.82	156.55	161.24	160.20	2.03	ppb
Silver	107-1	1.13	1.13	1.15	1.14	1.23	ppb
Silver	109-1	1.12	1.15	1.13	1.13	1.09	ppb
Sodium	23-2	530.57	539.13	534.19	534.63	0.80	ppb
Strontium	86-1	447.46	446.34	466.67	453.49	2.52	ppb
Strontium	88-1	446.94	443.47	455.81	448.74	1.42	ppb
Sulfur	34-1	934.83	887.67	916.20	912.90	2.60	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	1.03	0.98	0.91	0.97	5.74	ppb
Thallium	205-1	0.93	0.91	0.97	0.94	2.99	ppb
Tin	118-1	9.47	9.45	9.62	9.51	0.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-07	Instrumnet Name :	P8
Client Sample ID :	MH1PZ6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:45:12	DataFile Name :	096AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1189.87	1147.03	1181.59	1172.83	1.94	ppb
Uranium	238-1	6.07	6.13	6.31	6.17	2.00	ppb
Vanadium	51-2	193.65	192.65	190.34	192.21	0.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	897.31	906.43	918.05	907.26	1.15	ppb
Zirconium	90-1	2.71	2.81	2.79	2.77	1.86	ppb
Zirconium	91-1	2.77	2.85	2.66	2.76	3.35	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-08	Instrumnet Name :	P8
Client Sample ID :	MH1PZ7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:48:05	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33455.35	32884.69	32963.69	33101.24	0.93	ppb
Antimony	121-1	8.85	9.29	9.24	9.13	2.62	ppb
Arsenic	75-2	48.44	47.96	48.26	48.22	0.51	ppb
Barium	135-1	843.27	902.30	898.93	881.50	3.76	ppb
Barium	137-1	839.21	904.14	893.82	879.06	3.97	ppb
Beryllium	9-1	2.62	2.77	2.70	2.70	2.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	22.45	25.10	25.34	24.30	6.60	ppb
Boron	11-1	23.45	25.77	26.71	25.31	6.62	ppb
Bromine	81-1						cps
Cadmium	111-1	12.91	13.53	13.50	13.31	2.62	ppb
Cadmium	106-1	10.68	13.53	12.93	12.38	12.14	ppb
Cadmium	108-1	11.63	12.52	12.02	12.06	3.68	ppb
Calcium	43-1	133663.81	131531.37	135049.57	133414.92	1.33	ppb
Calcium	44-1	133118.75	135077.24	134437.53	134211.17	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.17	97.67	95.25	96.03	1.48	ppb
Cobalt	59-2	32.81	33.05	32.30	32.72	1.17	ppb
Copper	63-2	264.40	264.23	264.44	264.36	0.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	136737.02	131886.04	130766.28	133129.78	2.38	ppb
Iron	56-2	133371.28	136541.76	131495.12	133802.72	1.91	ppb
Iron	57-2	130040.08	138125.19	132682.28	133615.85	3.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-08	Instrumnet Name :	P8
Client Sample ID :	MH1PZ7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:48:05	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1271.86	1314.96	1275.08	1287.30	1.87	ppb
Lead	207-1	1194.86	1266.38	1195.25	1218.83	3.38	ppb
Lead	208-1	1211.59	1257.61	1217.25	1228.82	2.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	18761.18	18410.81	18375.10	18515.70	1.15	ppb
Manganese	55-2	2615.08	2667.01	2554.73	2612.27	2.15	ppb
Molybdenum	94-1	10.47	10.40	10.33	10.40	0.70	ppb
Molybdenum	95-1	7.46	7.49	7.22	7.39	2.02	ppb
Molybdenum	96-1	10.38	10.47	10.24	10.37	1.13	ppb
Molybdenum	97-1	7.25	7.31	7.10	7.22	1.50	ppb
Molybdenum	98-1	7.15	7.06	6.83	7.01	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.95	89.38	87.14	88.16	1.29	ppb
Phosphorus	31-2	5125.19	5339.99	5177.45	5214.21	2.15	ppb
Potassium	39-2	9224.96	9398.10	9064.85	9229.30	1.81	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	4.29	3.46	4.55	4.10	13.84	ppb
Selenium	77-2	52.90	47.57	45.24	48.57	8.08	ppb
Selenium	78-2	10.91	10.76	8.78	10.15	11.72	ppb
Silicon	28-1	121.24	125.77	126.31	124.44	2.24	ppb
Silver	107-1	3.32	3.59	3.56	3.49	4.23	ppb
Silver	109-1	3.23	3.48	3.44	3.38	3.91	ppb
Sodium	23-2	720.87	724.70	716.39	720.66	0.58	ppb
Strontium	86-1	466.08	469.73	476.68	470.83	1.14	ppb
Strontium	88-1	470.05	464.98	466.66	467.23	0.55	ppb
Sulfur	34-1	1411.76	1559.37	1391.02	1454.05	6.31	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.89	0.98	0.90	0.93	5.42	ppb
Thallium	205-1	0.93	0.96	0.90	0.93	3.39	ppb
Tin	118-1	26.13	27.63	27.67	27.14	3.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-08	Instrumnet Name :	P8
Client Sample ID :	MH1PZ7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:48:05	DataFile Name :	097AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	811.26	798.47	791.34	800.36	1.26	ppb
Uranium	238-1	6.44	6.55	6.36	6.45	1.52	ppb
Vanadium	51-2	185.37	186.63	186.19	186.07	0.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	2338.65	2353.92	2287.75	2326.77	1.49	ppb
Zirconium	90-1	2.20	2.29	2.23	2.24	2.14	ppb
Zirconium	91-1	2.23	2.26	2.35	2.28	2.77	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-09	Instrumnet Name :	P8
Client Sample ID :	MH1PZ8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:51:00	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33555.06	32676.91	32503.05	32911.67	1.71	ppb
Antimony	121-1	10.63	10.33	10.39	10.45	1.54	ppb
Arsenic	75-2	103.33	104.30	103.56	103.73	0.49	ppb
Barium	135-1	858.30	828.03	817.95	834.76	2.52	ppb
Barium	137-1	809.19	823.81	830.87	821.29	1.35	ppb
Beryllium	9-1	3.09	3.13	3.11	3.11	0.63	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	24.41	24.86	24.53	24.60	0.95	ppb
Boron	11-1	25.05	24.98	25.66	25.23	1.49	ppb
Bromine	81-1						cps
Cadmium	111-1	24.31	23.85	23.81	23.99	1.15	ppb
Cadmium	106-1	23.57	22.58	23.19	23.11	2.17	ppb
Cadmium	108-1	21.87	20.95	21.55	21.46	2.18	ppb
Calcium	43-1	109610.26	108901.91	118703.50	112405.23	4.86	ppb
Calcium	44-1	111355.48	108607.60	115609.53	111857.54	3.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.08	63.25	62.76	63.36	1.05	ppb
Cobalt	59-2	34.26	33.64	33.05	33.65	1.79	ppb
Copper	63-2	370.03	359.91	351.36	360.43	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				104		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	150397.86	151129.63	146983.02	149503.51	1.48	ppb
Iron	56-2	154336.70	150954.46	150988.94	152093.37	1.28	ppb
Iron	57-2	153390.74	149843.48	149652.97	150962.39	1.39	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-09	Instrumnet Name :	P8
Client Sample ID :	MH1PZ8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:51:00	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1561.95	1540.15	1643.80	1581.97	3.45	ppb
Lead	207-1	1559.87	1493.41	1612.03	1555.10	3.82	ppb
Lead	208-1	1573.71	1516.33	1614.54	1568.19	3.15	ppb
Lithium	6-1				99		%
Magnesium	24-2	15368.52	15701.10	15322.53	15464.05	1.34	ppb
Manganese	55-2	2990.07	2932.07	2991.74	2971.29	1.14	ppb
Molybdenum	94-1	11.30	12.27	11.69	11.75	4.14	ppb
Molybdenum	95-1	6.21	6.39	6.18	6.26	1.85	ppb
Molybdenum	96-1	9.95	10.20	9.99	10.05	1.31	ppb
Molybdenum	97-1	5.99	6.28	6.32	6.20	2.84	ppb
Molybdenum	98-1	5.95	6.24	6.01	6.07	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.03	84.93	84.93	84.96	0.07	ppb
Phosphorus	31-2	4316.96	4535.80	4232.38	4361.71	3.59	ppb
Potassium	39-2	6675.99	6678.15	6759.51	6704.55	0.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	3.51	4.54	3.30	3.79	17.49	ppb
Selenium	77-2	40.59	43.81	36.43	40.27	9.19	ppb
Selenium	78-2	8.95	8.89	7.71	8.52	8.19	ppb
Silicon	28-1	117.71	103.70	118.47	113.29	7.34	ppb
Silver	107-1	6.66	6.56	6.71	6.64	1.16	ppb
Silver	109-1	6.48	6.29	6.58	6.45	2.30	ppb
Sodium	23-2	1097.69	1102.46	1137.07	1112.41	1.93	ppb
Strontium	86-1	472.73	483.71	466.51	474.32	1.84	ppb
Strontium	88-1	459.66	470.13	460.19	463.33	1.27	ppb
Sulfur	34-1	1166.80	1062.11	1438.91	1222.61	15.91	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	1.04	1.09	1.15	1.10	5.30	ppb
Thallium	205-1	1.08	1.11	1.12	1.10	1.94	ppb
Tin	118-1	37.75	37.40	38.14	37.76	0.97	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-09	Instrumnet Name :	P8
Client Sample ID :	MH1PZ8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:51:00	DataFile Name :	098AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	692.55	700.18	734.87	709.20	3.18	ppb
Uranium	238-1	5.09	5.18	5.20	5.15	1.15	ppb
Vanadium	51-2	180.40	179.51	176.06	178.66	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	2518.00	2459.86	2400.25	2459.37	2.39	ppb
Zirconium	90-1	3.31	3.46	3.44	3.40	2.28	ppb
Zirconium	91-1	3.39	3.42	3.34	3.38	1.16	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-10	Instrumnet Name :	P8
Client Sample ID :	MH1PZ9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:53:53	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39829.97	40777.22	40701.49	40436.23	1.30	ppb
Antimony	121-1	9.23	9.32	9.63	9.39	2.22	ppb
Arsenic	75-2	102.54	116.16	111.90	110.20	6.33	ppb
Barium	135-1	837.40	851.63	857.45	848.83	1.22	ppb
Barium	137-1	817.75	846.10	862.04	841.96	2.66	ppb
Beryllium	9-1	3.08	3.16	3.29	3.18	3.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	20.65	22.90	23.57	22.38	6.84	ppb
Boron	11-1	20.78	23.00	24.50	22.76	8.22	ppb
Bromine	81-1						cps
Cadmium	111-1	22.24	22.18	23.28	22.57	2.74	ppb
Cadmium	106-1	20.51	20.12	21.62	20.75	3.75	ppb
Cadmium	108-1	19.69	20.24	19.81	19.92	1.45	ppb
Calcium	43-1	80171.20	82383.34	80354.20	80969.58	1.52	ppb
Calcium	44-1	79821.11	81320.48	81681.64	80941.08	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.59	68.18	66.41	66.73	1.99	ppb
Cobalt	59-2	34.58	36.63	34.79	35.33	3.18	ppb
Copper	63-2	327.18	337.06	332.94	332.39	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	133916.40	141764.23	136274.97	137318.54	2.93	ppb
Iron	56-2	136227.64	141196.61	138178.25	138534.17	1.81	ppb
Iron	57-2	138192.68	140523.03	136097.51	138271.07	1.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-10	Instrumnet Name :	P8
Client Sample ID :	MH1PZ9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:53:53	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1325.65	1280.50	1294.86	1300.33	1.77	ppb
Lead	207-1	1300.84	1257.07	1330.65	1296.19	2.86	ppb
Lead	208-1	1321.98	1276.47	1304.67	1301.04	1.77	ppb
Lithium	6-1				102		%
Magnesium	24-2	16821.01	17577.86	18138.81	17512.56	3.78	ppb
Manganese	55-2	2549.79	2716.31	2606.36	2624.15	3.23	ppb
Molybdenum	94-1	13.50	13.97	13.96	13.81	1.94	ppb
Molybdenum	95-1	6.51	6.54	6.72	6.59	1.74	ppb
Molybdenum	96-1	9.77	9.70	10.21	9.89	2.82	ppb
Molybdenum	97-1	6.55	6.59	6.59	6.58	0.35	ppb
Molybdenum	98-1	6.40	6.52	6.57	6.50	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	91.15	96.09	91.27	92.84	3.04	ppb
Phosphorus	31-2	4126.20	4340.10	4120.09	4195.47	2.99	ppb
Potassium	39-2	7221.29	7609.59	7294.31	7375.06	2.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	82-1	4.28	3.43	3.94	3.88	11.03	ppb
Selenium	77-2	55.07	49.92	64.10	56.37	12.73	ppb
Selenium	78-2	10.16	12.74	11.32	11.41	11.33	ppb
Silicon	28-1	134.74	141.08	139.18	138.33	2.35	ppb
Silver	107-1	5.95	6.08	6.29	6.11	2.76	ppb
Silver	109-1	6.02	6.23	6.13	6.13	1.74	ppb
Sodium	23-2	1557.40	1633.21	1620.45	1603.68	2.53	ppb
Strontium	86-1	395.84	408.38	409.24	404.48	1.85	ppb
Strontium	88-1	395.32	390.16	402.64	396.04	1.58	ppb
Sulfur	34-1	821.68	1033.41	984.56	946.55	11.71	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.19	1.10	1.21	1.17	5.16	ppb
Thallium	205-1	1.20	1.21	1.24	1.22	1.97	ppb
Tin	118-1	25.57	27.65	26.91	26.71	3.95	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-10	Instrumnet Name :	P8
Client Sample ID :	MH1PZ9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:53:53	DataFile Name :	099AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	694.18	710.55	704.80	703.18	1.18	ppb
Uranium	238-1	5.90	5.51	5.76	5.72	3.40	ppb
Vanadium	51-2	201.73	210.41	202.37	204.83	2.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	1570.44	1668.68	1578.86	1605.99	3.39	ppb
Zirconium	90-1	4.40	4.72	4.52	4.55	3.47	ppb
Zirconium	91-1	4.39	4.30	4.35	4.35	1.01	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-11	Instrumnet Name :	P8
Client Sample ID :	MH1Q00	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:56:48	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31927.32	31659.74	31770.89	31785.99	0.42	ppb
Antimony	121-1	19.07	19.53	19.82	19.48	1.95	ppb
Arsenic	75-2	598.00	585.51	599.78	594.43	1.31	ppb
Barium	135-1	681.54	677.13	699.86	686.17	1.76	ppb
Barium	137-1	663.03	668.05	698.66	676.58	2.85	ppb
Beryllium	9-1	2.72	2.58	2.71	2.67	2.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	21.65	20.46	21.82	21.31	3.48	ppb
Boron	11-1	21.68	21.40	23.07	22.05	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	10.37	10.59	10.65	10.54	1.38	ppb
Cadmium	106-1	8.87	9.97	11.16	10.00	11.43	ppb
Cadmium	108-1	10.12	10.37	10.12	10.20	1.44	ppb
Calcium	43-1	58029.79	56164.90	57180.93	57125.21	1.63	ppb
Calcium	44-1	57681.88	55363.59	57529.47	56858.31	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	156.87	158.26	157.46	157.53	0.45	ppb
Cobalt	59-2	27.78	28.53	28.31	28.21	1.36	ppb
Copper	63-2	317.20	320.75	319.92	319.29	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	111984.80	110101.24	110434.65	110840.23	0.91	ppb
Iron	56-2	109666.08	111161.14	109008.80	109945.34	1.00	ppb
Iron	57-2	110716.72	111598.99	112696.29	111670.67	0.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-11	Instrumnet Name :	P8
Client Sample ID :	MH1Q00	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:56:48	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2182.72	2258.36	2287.66	2242.91	2.41	ppb
Lead	207-1	2110.24	2208.98	2162.05	2160.42	2.29	ppb
Lead	208-1	2134.59	2217.04	2179.98	2177.20	1.90	ppb
Lithium	6-1				102		%
Magnesium	24-2	17989.50	17542.09	17700.64	17744.08	1.28	ppb
Manganese	55-2	2148.75	2180.38	2190.28	2173.14	1.00	ppb
Molybdenum	94-1	10.04	10.83	10.69	10.52	4.02	ppb
Molybdenum	95-1	6.71	6.76	6.77	6.75	0.47	ppb
Molybdenum	96-1	9.51	9.91	9.59	9.67	2.19	ppb
Molybdenum	97-1	6.71	7.06	7.04	6.94	2.82	ppb
Molybdenum	98-1	6.48	6.79	6.65	6.64	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.34	73.26	73.44	73.35	0.12	ppb
Phosphorus	31-2	6944.83	6964.26	7049.62	6986.24	0.80	ppb
Potassium	39-2	9423.08	9825.16	9452.71	9566.98	2.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	6.11	5.91	5.35	5.79	6.85	ppb
Selenium	77-2	47.31	47.61	55.87	50.26	9.67	ppb
Selenium	78-2	10.98	9.73	11.03	10.58	6.96	ppb
Silicon	28-1	135.61	130.02	130.74	132.12	2.30	ppb
Silver	107-1	2.49	2.50	2.58	2.53	1.77	ppb
Silver	109-1	2.49	2.51	2.59	2.53	1.95	ppb
Sodium	23-2	483.27	465.45	475.45	474.72	1.88	ppb
Strontium	86-1	290.35	306.73	297.30	298.13	2.76	ppb
Strontium	88-1	289.69	299.96	300.52	296.72	2.05	ppb
Sulfur	34-1	2231.15	2372.25	2460.75	2354.72	4.92	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.78	0.78	0.79	0.78	0.57	ppb
Thallium	205-1	0.79	0.84	0.83	0.82	2.77	ppb
Tin	118-1	20.56	20.78	21.49	20.94	2.32	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-11	Instrumnet Name :	P8
Client Sample ID :	MH1Q00	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:56:48	DataFile Name :	100AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	800.26	814.63	817.36	810.75	1.13	ppb
Uranium	238-1	8.05	7.81	8.11	7.99	1.97	ppb
Vanadium	51-2	160.03	160.94	161.97	160.98	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	2338.57	2361.65	2375.01	2358.41	0.78	ppb
Zirconium	90-1	2.52	2.68	2.61	2.60	3.02	ppb
Zirconium	91-1	2.74	2.81	2.76	2.77	1.33	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-12	Instrumnet Name :	P8
Client Sample ID :	MH1Q01	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:59:41	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30889.72	31229.57	31137.52	31085.60	0.57	ppb
Antimony	121-1	18.27	18.74	18.98	18.66	1.93	ppb
Arsenic	75-2	644.65	655.92	674.08	658.21	2.26	ppb
Barium	135-1	583.29	584.33	578.67	582.09	0.52	ppb
Barium	137-1	565.67	569.42	568.84	567.98	0.36	ppb
Beryllium	9-1	2.17	2.16	2.15	2.16	0.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	10.63	10.62	10.67	10.64	0.24	ppb
Boron	11-1	10.54	11.21	11.35	11.04	3.93	ppb
Bromine	81-1						cps
Cadmium	111-1	10.84	10.75	11.05	10.88	1.41	ppb
Cadmium	106-1	10.06	11.71	10.92	10.90	7.57	ppb
Cadmium	108-1	9.77	9.37	9.53	9.56	2.14	ppb
Calcium	43-1	67390.13	70605.06	70822.60	69605.93	2.76	ppb
Calcium	44-1	68028.21	70220.79	70671.91	69640.30	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.43	77.26	75.48	76.39	1.17	ppb
Cobalt	59-2	26.51	25.99	26.56	26.35	1.20	ppb
Copper	63-2	196.55	190.19	191.57	192.77	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				104		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	103078.99	104008.91	104902.60	103996.83	0.88	ppb
Iron	56-2	106070.77	106120.50	106408.61	106199.96	0.17	ppb
Iron	57-2	106250.04	106107.50	103708.94	105355.50	1.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-12	Instrumnet Name :	P8
Client Sample ID :	MH1Q01	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:59:41	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	735.21	739.17	750.61	741.66	1.08	ppb
Lead	207-1	738.18	721.64	725.80	728.54	1.18	ppb
Lead	208-1	731.63	734.73	735.28	733.88	0.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	13536.20	14037.87	13279.63	13617.90	2.83	ppb
Manganese	55-2	1468.55	1437.37	1479.69	1461.87	1.50	ppb
Molybdenum	94-1	9.04	9.23	9.49	9.25	2.45	ppb
Molybdenum	95-1	4.51	4.73	4.76	4.66	2.89	ppb
Molybdenum	96-1	7.44	7.31	7.52	7.43	1.42	ppb
Molybdenum	97-1	4.51	4.82	4.64	4.66	3.37	ppb
Molybdenum	98-1	4.53	4.62	4.57	4.57	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.67	58.16	57.05	57.96	1.43	ppb
Phosphorus	31-2	3903.39	3822.47	3682.49	3802.79	2.94	ppb
Potassium	39-2	5417.00	5357.60	5453.25	5409.28	0.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	4.30	3.72	3.74	3.92	8.37	ppb
Selenium	77-2	48.74	44.79	44.78	46.10	4.96	ppb
Selenium	78-2	8.44	9.42	10.01	9.29	8.54	ppb
Silicon	28-1	116.85	113.66	117.11	115.87	1.66	ppb
Silver	107-1	2.25	2.25	2.34	2.28	2.22	ppb
Silver	109-1	2.29	2.42	2.27	2.32	3.38	ppb
Sodium	23-2	436.59	434.94	430.92	434.15	0.67	ppb
Strontium	86-1	269.07	266.70	269.90	268.56	0.62	ppb
Strontium	88-1	255.75	264.86	266.61	262.41	2.22	ppb
Sulfur	34-1	526.76	395.78	730.33	550.95	30.60	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.77	0.84	0.80	0.80	4.89	ppb
Thallium	205-1	0.83	0.83	0.83	0.83	0.36	ppb
Tin	118-1	15.48	15.70	15.93	15.71	1.43	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-12	Instrumnet Name :	P8
Client Sample ID :	MH1Q01	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:59:41	DataFile Name :	101AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	549.47	559.02	575.77	561.42	2.37	ppb
Uranium	238-1	5.06	5.12	5.49	5.22	4.51	ppb
Vanadium	51-2	183.91	179.28	179.76	180.98	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	1047.89	1025.23	1030.87	1034.66	1.14	ppb
Zirconium	90-1	2.78	2.73	2.71	2.74	1.38	ppb
Zirconium	91-1	2.78	2.95	2.71	2.81	4.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-13	Instrumnet Name :	P8
Client Sample ID :	MH1Q02	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:02:37	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34297.06	33347.75	34197.80	33947.53	1.54	ppb
Antimony	121-1	14.62	15.95	14.60	15.06	5.15	ppb
Arsenic	75-2	511.97	477.84	502.23	497.35	3.53	ppb
Barium	135-1	642.08	696.66	640.43	659.73	4.85	ppb
Barium	137-1	635.76	689.08	623.05	649.30	5.40	ppb
Beryllium	9-1	2.09	2.29	2.27	2.22	4.91	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	8.12	9.13	9.08	8.78	6.50	ppb
Boron	11-1	8.58	9.11	9.68	9.12	6.02	ppb
Bromine	81-1						cps
Cadmium	111-1	5.50	6.08	5.48	5.69	6.01	ppb
Cadmium	106-1	6.22	7.23	5.08	6.18	17.36	ppb
Cadmium	108-1	5.34	5.65	5.17	5.38	4.54	ppb
Calcium	43-1	130576.68	147085.79	130212.17	135958.21	7.09	ppb
Calcium	44-1	131726.20	145800.56	131271.94	136266.23	6.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.59	52.89	51.70	52.06	1.38	ppb
Cobalt	59-2	25.13	25.08	24.94	25.05	0.39	ppb
Copper	63-2	99.13	103.25	102.00	101.46	2.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	89400.59	90432.33	88786.76	89539.89	0.93	ppb
Iron	56-2	92588.49	92991.12	90421.80	92000.47	1.50	ppb
Iron	57-2	90507.97	90866.55	90136.36	90503.63	0.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-13	Instrumnet Name :	P8
Client Sample ID :	MH1Q02	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:02:37	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	247.69	294.80	262.68	268.39	8.97	ppb
Lead	207-1	252.74	279.64	255.95	262.78	5.59	ppb
Lead	208-1	250.89	285.70	257.76	264.78	6.96	ppb
Lithium	6-1				97		%
Magnesium	24-2	17435.96	16753.66	16637.62	16942.42	2.55	ppb
Manganese	55-2	1152.96	1142.11	1157.99	1151.02	0.70	ppb
Molybdenum	94-1	7.87	8.24	7.50	7.87	4.69	ppb
Molybdenum	95-1	5.01	5.41	4.90	5.11	5.31	ppb
Molybdenum	96-1	7.00	7.81	7.12	7.31	6.02	ppb
Molybdenum	97-1	4.85	5.42	4.95	5.07	5.95	ppb
Molybdenum	98-1	4.73	5.18	4.76	4.89	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.03	53.02	53.24	53.10	0.23	ppb
Phosphorus	31-2	3149.10	2988.93	3122.46	3086.83	2.78	ppb
Potassium	39-2	5210.03	5394.72	5604.53	5403.09	3.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	3.98	2.87	4.08	3.64	18.37	ppb
Selenium	77-2	51.18	38.83	42.47	44.16	14.38	ppb
Selenium	78-2	9.54	7.96	9.92	9.14	11.37	ppb
Silicon	28-1	107.19	126.85	112.06	115.37	8.87	ppb
Silver	107-1	1.10	1.14	1.06	1.10	3.84	ppb
Silver	109-1	1.09	1.18	1.06	1.11	5.33	ppb
Sodium	23-2	570.57	590.56	561.00	574.04	2.63	ppb
Strontium	86-1	320.07	343.46	325.04	329.52	3.74	ppb
Strontium	88-1	310.93	337.54	312.63	320.36	4.65	ppb
Sulfur	34-1	288.85	938.32	467.16	564.78	59.41	ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	0.77	0.98	0.85	0.87	11.98	ppb
Thallium	205-1	0.82	0.92	0.85	0.86	6.39	ppb
Tin	118-1	7.74	8.60	8.01	8.12	5.45	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-13	Instrumnet Name :	P8
Client Sample ID :	MH1Q02	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:02:37	DataFile Name :	102AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	544.96	618.79	549.13	570.96	7.26	ppb
Uranium	238-1	5.06	5.36	4.95	5.13	4.16	ppb
Vanadium	51-2	180.19	180.56	179.50	180.09	0.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	454.67	450.98	445.26	450.30	1.05	ppb
Zirconium	90-1	1.95	2.12	1.90	1.99	5.88	ppb
Zirconium	91-1	2.08	2.04	1.99	2.04	2.01	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-14	Instrumnet Name :	P8
Client Sample ID :	MH1Q03	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:05:30	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28838.52	30998.39	29809.79	29882.23	3.62	ppb
Antimony	121-1	8.91	9.01	8.86	8.93	0.84	ppb
Arsenic	75-2	391.99	390.70	378.58	387.09	1.91	ppb
Barium	135-1	619.29	599.88	596.51	605.23	2.03	ppb
Barium	137-1	626.40	583.69	591.45	600.51	3.79	ppb
Beryllium	9-1	2.01	2.15	1.97	2.04	4.62	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	7.30	7.36	7.21	7.29	1.02	ppb
Boron	11-1	7.20	7.78	7.37	7.45	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	4.68	4.84	4.47	4.66	3.97	ppb
Cadmium	106-1	4.67	4.32	4.58	4.52	4.09	ppb
Cadmium	108-1	3.65	4.40	4.15	4.07	9.33	ppb
Calcium	43-1	135810.91	137335.43	131575.66	134907.34	2.21	ppb
Calcium	44-1	137812.21	137205.71	132526.79	135848.23	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.38	50.48	50.46	50.11	1.25	ppb
Cobalt	59-2	23.95	24.54	24.36	24.29	1.24	ppb
Copper	63-2	87.77	88.32	87.12	87.74	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				107		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	78870.74	83499.08	82897.04	81755.62	3.08	ppb
Iron	56-2	81411.84	82840.67	83124.64	82459.05	1.11	ppb
Iron	57-2	83428.79	82974.98	82128.48	82844.08	0.80	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-14	Instrumnet Name :	P8
Client Sample ID :	MH1Q03	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:05:30	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	236.50	238.99	230.65	235.38	1.82	ppb
Lead	207-1	218.46	222.54	217.43	219.48	1.23	ppb
Lead	208-1	223.49	224.80	220.20	222.83	1.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	16448.04	17405.34	17135.06	16996.15	2.90	ppb
Manganese	55-2	1099.26	1113.46	1144.11	1118.94	2.05	ppb
Molybdenum	94-1	9.26	9.11	8.95	9.11	1.69	ppb
Molybdenum	95-1	5.19	5.03	5.06	5.09	1.65	ppb
Molybdenum	96-1	7.66	6.95	6.92	7.18	5.82	ppb
Molybdenum	97-1	5.25	4.81	5.09	5.05	4.46	ppb
Molybdenum	98-1	5.11	5.14	5.03	5.09	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.09	55.42	55.81	54.77	2.69	ppb
Phosphorus	31-2	3141.55	3397.18	3247.56	3262.10	3.94	ppb
Potassium	39-2	4823.41	4916.20	4934.35	4891.32	1.22	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	2.62	4.02	3.30	3.31	21.11	ppb
Selenium	77-2	46.29	49.05	49.78	48.37	3.80	ppb
Selenium	78-2	8.91	7.61	8.56	8.36	8.03	ppb
Silicon	28-1	159.18	161.81	159.15	160.05	0.96	ppb
Silver	107-1	0.82	0.82	0.85	0.83	1.94	ppb
Silver	109-1	0.86	0.86	0.84	0.85	1.49	ppb
Sodium	23-2	550.55	568.71	573.39	564.21	2.14	ppb
Strontium	86-1	348.58	352.07	339.37	346.68	1.89	ppb
Strontium	88-1	344.83	343.57	338.61	342.34	0.96	ppb
Sulfur	34-1	427.69	387.94	438.01	417.88	6.33	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.81	0.76	0.74	0.77	4.59	ppb
Thallium	205-1	0.85	0.82	0.77	0.81	4.96	ppb
Tin	118-1	5.09	4.96	4.94	5.00	1.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-14	Instrumnet Name :	P8
Client Sample ID :	MH1Q03	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:05:30	DataFile Name :	103AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	470.67	458.86	446.01	458.51	2.69	ppb
Uranium	238-1	4.67	4.52	4.52	4.57	1.97	ppb
Vanadium	51-2	167.51	172.98	170.70	170.40	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	419.84	427.47	428.93	425.41	1.15	ppb
Zirconium	90-1	2.65	2.67	2.64	2.66	0.64	ppb
Zirconium	91-1	2.73	2.64	2.73	2.70	1.85	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-15	Instrumnet Name :	P8
Client Sample ID :	MH1Q04	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:08:26	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32231.39	31517.94	31184.14	31644.49	1.69	ppb
Antimony	121-1	7.76	7.88	7.68	7.77	1.30	ppb
Arsenic	75-2	101.29	100.95	100.79	101.01	0.26	ppb
Barium	135-1	941.57	914.79	914.59	923.65	1.68	ppb
Barium	137-1	920.87	912.33	885.32	906.17	2.05	ppb
Beryllium	9-1	2.73	3.01	2.80	2.84	5.10	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	18.34	21.25	20.69	20.09	7.68	ppb
Boron	11-1	18.47	21.76	20.52	20.25	8.21	ppb
Bromine	81-1						cps
Cadmium	111-1	9.86	9.64	9.73	9.74	1.13	ppb
Cadmium	106-1	10.16	8.07	8.26	8.83	13.08	ppb
Cadmium	108-1	9.01	8.51	8.59	8.70	3.10	ppb
Calcium	43-1	87205.13	87323.44	90964.06	88497.54	2.41	ppb
Calcium	44-1	88503.09	87184.94	89566.69	88418.24	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.94	84.91	85.88	86.58	2.43	ppb
Cobalt	59-2	27.33	27.55	27.06	27.31	0.91	ppb
Copper	63-2	216.46	212.05	214.61	214.38	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	99935.28	96443.84	95734.74	97371.29	2.31	ppb
Iron	56-2	101185.48	96468.11	97185.34	98279.64	2.59	ppb
Iron	57-2	98285.94	94119.25	95268.61	95891.27	2.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-15	Instrumnet Name :	P8
Client Sample ID :	MH1Q04	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:08:26	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1034.40	997.44	1029.05	1020.30	1.96	ppb
Lead	207-1	1002.32	968.62	972.07	981.00	1.89	ppb
Lead	208-1	1011.99	975.91	983.37	990.42	1.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	15400.65	14322.41	14703.04	14808.70	3.69	ppb
Manganese	55-2	1918.47	1849.84	1793.19	1853.83	3.38	ppb
Molybdenum	94-1	8.50	8.66	8.29	8.48	2.20	ppb
Molybdenum	95-1	5.17	5.28	5.06	5.17	2.07	ppb
Molybdenum	96-1	7.39	7.53	7.60	7.50	1.44	ppb
Molybdenum	97-1	5.34	5.28	5.14	5.25	1.97	ppb
Molybdenum	98-1	5.10	5.02	4.92	5.01	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.44	59.13	57.80	58.79	1.47	ppb
Phosphorus	31-2	9002.65	8891.90	8794.68	8896.41	1.17	ppb
Potassium	39-2	8953.87	8532.62	8618.42	8701.64	2.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	5.42	4.74	4.68	4.95	8.28	ppb
Selenium	77-2	40.41	47.71	53.69	47.27	14.07	ppb
Selenium	78-2	10.14	9.87	12.42	10.81	12.94	ppb
Silicon	28-1	193.98	202.17	201.01	199.05	2.23	ppb
Silver	107-1	2.43	2.43	2.46	2.44	0.59	ppb
Silver	109-1	2.40	2.47	2.33	2.40	2.91	ppb
Sodium	23-2	680.53	672.11	686.96	679.86	1.10	ppb
Strontium	86-1	420.70	425.14	417.94	421.26	0.86	ppb
Strontium	88-1	411.31	414.17	410.83	412.10	0.44	ppb
Sulfur	34-1	1828.58	1842.75	2076.21	1915.85	7.26	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.70	0.72	0.72	0.71	1.92	ppb
Thallium	205-1	0.71	0.67	0.73	0.70	4.32	ppb
Tin	118-1	33.72	33.41	33.17	33.43	0.82	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-15	Instrumnet Name :	P8
Client Sample ID :	MH1Q04	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:08:26	DataFile Name :	104AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	662.13	645.77	645.46	651.12	1.46	ppb
Uranium	238-1	7.28	7.13	7.44	7.28	2.14	ppb
Vanadium	51-2	160.44	156.97	157.04	158.15	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				109		%
Zinc	66-2	2001.71	1964.55	1940.12	1968.79	1.58	ppb
Zirconium	90-1	2.30	2.33	2.25	2.29	1.74	ppb
Zirconium	91-1	2.34	2.34	2.29	2.32	1.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-16	Instrumnet Name :	P8
Client Sample ID :	MH1Q05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:11:19	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29670.76	29350.51	29892.51	29637.93	0.92	ppb
Antimony	121-1	7.63	8.42	8.20	8.09	5.06	ppb
Arsenic	75-2	112.92	111.18	110.45	111.51	1.14	ppb
Barium	135-1	811.98	909.72	890.89	870.86	5.95	ppb
Barium	137-1	775.63	905.32	889.51	856.82	8.26	ppb
Beryllium	9-1	2.55	2.67	2.75	2.66	3.81	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	14.22	15.42	17.04	15.56	9.11	ppb
Boron	11-1	14.51	15.85	16.38	15.58	6.17	ppb
Bromine	81-1						cps
Cadmium	111-1	9.40	10.97	10.50	10.29	7.81	ppb
Cadmium	106-1	9.48	11.15	9.81	10.15	8.72	ppb
Cadmium	108-1	9.03	9.54	9.70	9.42	3.73	ppb
Calcium	43-1	82399.10	93713.72	90531.14	88881.32	6.56	ppb
Calcium	44-1	83643.53	92256.88	90646.14	88848.85	5.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74.71	73.74	75.27	74.57	1.04	ppb
Cobalt	59-2	26.42	26.00	26.07	26.16	0.85	ppb
Copper	63-2	191.79	187.96	191.18	190.31	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				107		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	54-2	95545.46	94780.75	92145.38	94157.20	1.89	ppb
Iron	56-2	93908.88	92971.23	93589.33	93489.81	0.51	ppb
Iron	57-2	94519.35	94568.93	96099.03	95062.44	0.94	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-16	Instrumnet Name :	P8
Client Sample ID :	MH1Q05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:11:19	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	821.04	973.73	967.72	920.83	9.39	ppb
Lead	207-1	800.27	961.90	918.76	893.64	9.37	ppb
Lead	208-1	819.20	966.22	925.94	903.79	8.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	13355.84	14026.96	13602.03	13661.61	2.49	ppb
Manganese	55-2	1535.07	1567.58	1557.09	1553.25	1.07	ppb
Molybdenum	94-1	10.06	11.03	11.51	10.87	6.80	ppb
Molybdenum	95-1	4.99	5.71	5.78	5.49	7.92	ppb
Molybdenum	96-1	7.82	8.67	8.71	8.40	5.99	ppb
Molybdenum	97-1	5.12	5.71	5.67	5.50	6.03	ppb
Molybdenum	98-1	5.00	5.59	5.45	5.35	5.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.50	58.94	60.05	59.83	1.34	ppb
Phosphorus	31-2	6387.66	5850.85	5891.89	6043.47	4.94	ppb
Potassium	39-2	6363.57	6600.30	6664.95	6542.94	2.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	82-1	4.44	4.21	4.49	4.38	3.47	ppb
Selenium	77-2	54.12	45.80	54.16	51.36	9.37	ppb
Selenium	78-2	9.27	9.09	8.70	9.02	3.20	ppb
Silicon	28-1	122.78	142.41	142.00	135.73	8.27	ppb
Silver	107-1	2.55	2.84	2.78	2.72	5.65	ppb
Silver	109-1	2.52	2.92	2.78	2.74	7.45	ppb
Sodium	23-2	498.61	506.80	503.67	503.03	0.82	ppb
Strontium	86-1	345.45	385.14	389.43	373.34	6.50	ppb
Strontium	88-1	345.47	380.83	371.61	365.97	5.01	ppb
Sulfur	34-1	1083.39	1805.24	1596.64	1495.09	24.85	ppb
Terbium	159-1				96		%
Terbium	159-2				109		%
Thallium	203-1	0.69	0.84	0.80	0.78	9.99	ppb
Thallium	205-1	0.70	0.85	0.85	0.80	10.89	ppb
Tin	118-1	26.40	29.86	28.70	28.32	6.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-16	Instrumnet Name :	P8
Client Sample ID :	MH1Q05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:11:19	DataFile Name :	105AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	603.06	677.92	690.97	657.31	7.22	ppb
Uranium	238-1	5.67	6.64	6.48	6.26	8.32	ppb
Vanadium	51-2	158.20	156.32	158.65	157.72	0.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				109		%
Zinc	66-2	1506.63	1509.82	1510.62	1509.03	0.14	ppb
Zirconium	90-1	3.10	3.37	3.34	3.27	4.60	ppb
Zirconium	91-1	3.01	3.39	3.42	3.27	6.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-17	Instrumnet Name :	P8
Client Sample ID :	MH1Q06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:14:15	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30686.98	30722.21	30257.07	30555.42	0.85	ppb
Antimony	121-1	5.68	5.46	5.41	5.52	2.66	ppb
Arsenic	75-2	78.73	79.63	76.52	78.29	2.04	ppb
Barium	135-1	575.12	553.75	552.90	560.59	2.25	ppb
Barium	137-1	550.62	563.89	545.30	553.27	1.73	ppb
Beryllium	9-1	1.93	2.08	1.94	1.98	4.12	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	8.66	9.18	8.76	8.87	3.13	ppb
Boron	11-1	8.64	9.17	8.70	8.84	3.28	ppb
Bromine	81-1						cps
Cadmium	111-1	4.81	4.89	4.62	4.77	2.93	ppb
Cadmium	106-1	5.87	6.54	3.11	5.17	35.14	ppb
Cadmium	108-1	4.20	4.70	4.05	4.32	7.82	ppb
Calcium	43-1	90590.90	89282.98	87433.14	89102.34	1.78	ppb
Calcium	44-1	89695.40	88275.25	89866.11	89278.92	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.98	56.05	54.29	55.44	1.80	ppb
Cobalt	59-2	25.00	25.18	24.39	24.86	1.67	ppb
Copper	63-2	88.70	90.41	88.91	89.34	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				106		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	94853.59	92172.15	91939.00	92988.25	1.74	ppb
Iron	56-2	95137.62	93240.79	94490.99	94289.80	1.02	ppb
Iron	57-2	97637.02	95545.70	93808.15	95663.62	2.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-17	Instrumnet Name :	P8
Client Sample ID :	MH1Q06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:14:15	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	243.85	244.41	251.52	246.59	1.73	ppb
Lead	207-1	230.75	241.67	243.33	238.58	2.86	ppb
Lead	208-1	234.62	241.36	243.48	239.82	1.93	ppb
Lithium	6-1				100		%
Magnesium	24-2	15109.87	15323.80	15425.13	15286.27	1.05	ppb
Manganese	55-2	1131.64	1123.91	1135.65	1130.40	0.53	ppb
Molybdenum	94-1	8.29	7.80	8.35	8.15	3.68	ppb
Molybdenum	95-1	4.88	4.77	5.00	4.88	2.33	ppb
Molybdenum	96-1	7.10	6.95	7.41	7.15	3.27	ppb
Molybdenum	97-1	4.81	4.90	5.05	4.92	2.44	ppb
Molybdenum	98-1	4.67	4.72	4.87	4.75	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.79	52.59	50.49	51.96	2.44	ppb
Phosphorus	31-2	3761.09	3866.14	3843.52	3823.58	1.45	ppb
Potassium	39-2	6976.14	6862.47	6960.60	6933.07	0.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	3.08	3.20	3.53	3.27	7.08	ppb
Selenium	77-2	49.08	44.24	46.27	46.53	5.22	ppb
Selenium	78-2	8.10	9.86	8.73	8.90	10.08	ppb
Silicon	28-1	110.34	114.49	104.00	109.61	4.82	ppb
Silver	107-1	1.01	0.99	0.96	0.99	2.42	ppb
Silver	109-1	0.99	1.01	0.96	0.99	2.30	ppb
Sodium	23-2	436.76	427.41	445.58	436.58	2.08	ppb
Strontium	86-1	240.52	241.57	250.60	244.23	2.27	ppb
Strontium	88-1	242.99	238.48	243.82	241.76	1.19	ppb
Sulfur	34-1	507.77	358.85	88.19	318.27	66.83	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.74	0.74	0.76	0.75	1.38	ppb
Thallium	205-1	0.72	0.75	0.78	0.75	4.43	ppb
Tin	118-1	9.14	9.46	9.21	9.27	1.84	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-17	Instrumnet Name :	P8
Client Sample ID :	MH1Q06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:14:15	DataFile Name :	106AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	558.44	549.14	539.24	548.94	1.75	ppb
Uranium	238-1	4.53	4.48	4.64	4.55	1.78	ppb
Vanadium	51-2	181.12	180.44	177.12	179.56	1.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	469.58	475.57	457.97	467.70	1.91	ppb
Zirconium	90-1	2.04	2.05	2.10	2.06	1.56	ppb
Zirconium	91-1	1.98	2.11	2.15	2.08	4.43	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-18	Instrumnet Name :	P8
Client Sample ID :	MH1Q07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:17:08	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30848.07	29822.40	31162.47	30610.98	2.29	ppb
Antimony	121-1	4.75	4.91	4.87	4.84	1.72	ppb
Arsenic	75-2	89.78	91.58	87.11	89.49	2.51	ppb
Barium	135-1	614.20	645.85	615.85	625.30	2.85	ppb
Barium	137-1	598.12	624.78	606.03	609.64	2.25	ppb
Beryllium	9-1	1.95	2.02	1.97	1.98	1.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	7.94	8.26	8.40	8.20	2.92	ppb
Boron	11-1	8.24	8.17	8.59	8.33	2.70	ppb
Bromine	81-1						cps
Cadmium	111-1	3.68	3.79	3.71	3.73	1.57	ppb
Cadmium	106-1	1.28	4.85	4.55	3.56	55.53	ppb
Cadmium	108-1	2.98	3.95	3.23	3.39	14.75	ppb
Calcium	43-1	134561.21	132150.55	128842.61	131851.46	2.18	ppb
Calcium	44-1	134719.74	131518.34	134388.72	133542.27	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.46	53.11	53.39	52.99	0.90	ppb
Cobalt	59-2	25.31	24.57	24.42	24.77	1.92	ppb
Copper	63-2	74.75	75.04	74.79	74.86	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	90071.87	86317.07	89213.73	88534.23	2.22	ppb
Iron	56-2	91583.39	87421.31	89462.62	89489.11	2.33	ppb
Iron	57-2	87787.45	88688.06	88197.66	88224.39	0.51	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-18	Instrumnet Name :	P8
Client Sample ID :	MH1Q07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:17:08	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	137.42	137.18	140.95	138.51	1.52	ppb
Lead	207-1	133.38	128.61	133.53	131.84	2.12	ppb
Lead	208-1	137.05	134.42	139.31	136.93	1.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	16574.39	16357.29	16475.24	16468.97	0.66	ppb
Manganese	55-2	1073.67	1031.00	1041.83	1048.83	2.12	ppb
Molybdenum	94-1	9.37	9.45	8.63	9.15	4.95	ppb
Molybdenum	95-1	5.01	5.12	4.75	4.96	3.87	ppb
Molybdenum	96-1	7.54	7.61	7.02	7.39	4.35	ppb
Molybdenum	97-1	5.13	5.03	4.84	5.00	2.99	ppb
Molybdenum	98-1	4.83	5.09	4.87	4.93	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.96	57.24	56.47	56.55	1.14	ppb
Phosphorus	31-2	3711.73	3639.38	3598.90	3650.00	1.57	ppb
Potassium	39-2	6207.77	6445.72	6291.06	6314.85	1.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	4.61	2.73	3.09	3.48	28.72	ppb
Selenium	77-2	38.08	42.91	40.51	40.50	5.97	ppb
Selenium	78-2	8.47	8.57	9.21	8.75	4.59	ppb
Silicon	28-1	167.98	172.79	174.06	171.61	1.87	ppb
Silver	107-1	0.80	0.82	0.80	0.81	1.82	ppb
Silver	109-1	0.78	0.85	0.81	0.82	4.39	ppb
Sodium	23-2	481.60	509.59	489.35	493.51	2.93	ppb
Strontium	86-1	299.87	295.99	279.81	291.89	3.65	ppb
Strontium	88-1	293.80	295.66	282.86	290.77	2.38	ppb
Sulfur	34-1	508.47	552.86	615.97	559.10	9.66	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.69	0.69	0.70	0.69	1.04	ppb
Thallium	205-1	0.74	0.73	0.74	0.74	0.36	ppb
Tin	118-1	4.59	4.90	4.65	4.71	3.47	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-18	Instrumnet Name :	P8
Client Sample ID :	MH1Q07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:17:08	DataFile Name :	107AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	563.69	578.91	575.93	572.84	1.41	ppb
Uranium	238-1	4.41	4.33	4.61	4.45	3.16	ppb
Vanadium	51-2	179.88	181.63	178.14	179.88	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	335.49	335.19	338.68	336.46	0.58	ppb
Zirconium	90-1	2.57	2.64	2.54	2.58	1.97	ppb
Zirconium	91-1	2.65	2.67	2.54	2.62	2.57	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-19	Instrumnet Name :	P8
Client Sample ID :	MH1Q08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:20:03	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27330.05	27389.49	29121.75	27947.10	3.64	ppb
Antimony	121-1	9.63	9.54	9.54	9.57	0.56	ppb
Arsenic	75-2	195.72	199.20	196.45	197.12	0.93	ppb
Barium	135-1	670.88	672.72	674.10	672.57	0.24	ppb
Barium	137-1	679.67	662.55	658.18	666.80	1.70	ppb
Beryllium	9-1	2.32	2.36	2.39	2.36	1.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	11.60	12.03	13.51	12.38	8.09	ppb
Boron	11-1	12.11	12.78	13.64	12.85	5.98	ppb
Bromine	81-1						cps
Cadmium	111-1	11.00	10.81	11.01	10.94	1.04	ppb
Cadmium	106-1	11.04	9.47	10.32	10.28	7.64	ppb
Cadmium	108-1	9.49	10.17	10.08	9.92	3.70	ppb
Calcium	43-1	52830.80	53667.08	56054.78	54184.22	3.09	ppb
Calcium	44-1	56031.31	55736.28	55662.63	55810.07	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.18	95.00	95.55	95.58	0.62	ppb
Cobalt	59-2	27.37	27.68	26.94	27.33	1.37	ppb
Copper	63-2	217.37	219.43	217.62	218.14	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				108		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	92769.64	92262.28	92008.40	92346.77	0.42	ppb
Iron	56-2	92909.67	93011.50	95127.16	93682.78	1.34	ppb
Iron	57-2	96028.95	93851.75	93291.51	94390.74	1.53	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-19	Instrumnet Name :	P8
Client Sample ID :	MH1Q08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:20:03	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1846.92	1799.46	1812.19	1819.52	1.35	ppb
Lead	207-1	1841.33	1784.39	1748.69	1791.47	2.61	ppb
Lead	208-1	1816.29	1800.64	1755.79	1790.91	1.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	14014.36	14469.42	14615.14	14366.31	2.18	ppb
Manganese	55-2	1831.89	1801.91	1822.65	1818.82	0.84	ppb
Molybdenum	94-1	10.79	10.97	11.25	11.00	2.11	ppb
Molybdenum	95-1	5.44	5.44	5.55	5.48	1.16	ppb
Molybdenum	96-1	8.07	8.14	8.34	8.19	1.73	ppb
Molybdenum	97-1	5.66	5.75	5.64	5.68	0.98	ppb
Molybdenum	98-1	5.52	5.29	5.48	5.43	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.87	62.79	62.20	62.62	0.58	ppb
Phosphorus	31-2	6166.53	5984.31	6091.82	6080.89	1.51	ppb
Potassium	39-2	8728.32	8734.97	8602.57	8688.62	0.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	4.46	3.93	4.37	4.25	6.68	ppb
Selenium	77-2	44.20	42.53	45.04	43.92	2.91	ppb
Selenium	78-2	8.66	9.52	9.21	9.13	4.79	ppb
Silicon	28-1	197.05	197.65	212.57	202.42	4.34	ppb
Silver	107-1	2.73	2.85	2.87	2.82	2.66	ppb
Silver	109-1	2.74	2.77	2.80	2.77	1.00	ppb
Sodium	23-2	453.26	467.42	459.37	460.02	1.54	ppb
Strontium	86-1	254.42	252.08	257.07	254.52	0.98	ppb
Strontium	88-1	250.49	249.55	249.17	249.74	0.27	ppb
Sulfur	34-1	1303.93	1195.66	1518.61	1339.40	12.27	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.77	0.72	0.81	0.77	6.07	ppb
Thallium	205-1	0.78	0.79	0.74	0.77	3.28	ppb
Tin	118-1	15.31	15.52	15.26	15.36	0.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-19	Instrumnet Name :	P8
Client Sample ID :	MH1Q08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:20:03	DataFile Name :	108AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	535.82	554.02	553.82	547.89	1.91	ppb
Uranium	238-1	6.99	6.66	6.92	6.86	2.57	ppb
Vanadium	51-2	143.96	143.50	146.03	144.50	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				112		%
Zinc	66-2	2314.40	2281.25	2309.80	2301.82	0.78	ppb
Zirconium	90-1	3.33	3.42	3.46	3.40	1.93	ppb
Zirconium	91-1	3.39	3.60	3.59	3.52	3.32	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-01	Instrumnet Name :	P8
Client Sample ID :	MH1Q09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:22:56	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13431.77	13829.19	13411.72	13557.56	1.74	ppb
Antimony	121-1	10.90	10.81	10.66	10.79	1.14	ppb
Arsenic	75-2	278.02	271.91	265.23	271.72	2.35	ppb
Barium	135-1	449.49	447.95	454.74	450.73	0.79	ppb
Barium	137-1	463.27	453.01	452.10	456.13	1.36	ppb
Beryllium	9-1	1.63	1.60	1.67	1.63	2.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	5.89	6.16	6.78	6.28	7.29	ppb
Boron	11-1	6.42	6.34	6.90	6.56	4.60	ppb
Bromine	81-1						cps
Cadmium	111-1	11.69	11.31	11.28	11.43	2.02	ppb
Cadmium	106-1	11.76	11.74	9.70	11.07	10.72	ppb
Cadmium	108-1	10.09	9.66	10.15	9.97	2.71	ppb
Calcium	43-1	39576.12	37226.65	35343.31	37382.03	5.67	ppb
Calcium	44-1	38974.66	37517.84	36431.96	37641.49	3.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.44	48.16	47.16	47.59	1.09	ppb
Cobalt	59-2	15.75	16.10	15.46	15.77	2.03	ppb
Copper	63-2	177.27	187.49	174.56	179.77	3.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	33070.80	33795.86	32745.90	33204.19	1.62	ppb
Iron	56-2	33698.19	33360.44	33424.34	33494.32	0.54	ppb
Iron	57-2	34517.82	34330.38	33028.15	33958.78	2.39	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-01	Instrumnet Name :	P8
Client Sample ID :	MH1Q09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:22:56	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1238.27	1226.47	1278.96	1247.90	2.21	ppb
Lead	207-1	1183.47	1188.55	1271.56	1214.53	4.07	ppb
Lead	208-1	1206.76	1198.26	1248.94	1217.99	2.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	8043.59	7777.40	7660.62	7827.21	2.51	ppb
Manganese	55-2	1317.54	1311.02	1309.15	1312.57	0.34	ppb
Molybdenum	94-1	8.19	8.37	8.16	8.24	1.39	ppb
Molybdenum	95-1	3.44	3.65	3.59	3.56	2.99	ppb
Molybdenum	96-1	4.78	4.60	4.60	4.66	2.26	ppb
Molybdenum	97-1	3.53	3.55	3.30	3.46	4.09	ppb
Molybdenum	98-1	3.55	3.45	3.41	3.47	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.42	42.53	42.78	42.58	0.44	ppb
Phosphorus	31-2	4164.05	4246.40	4108.53	4173.00	1.66	ppb
Potassium	39-2	3555.79	3576.97	3496.21	3542.99	1.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	2.66	3.13	3.00	2.93	8.34	ppb
Selenium	77-2	38.23	28.72	43.52	36.82	20.37	ppb
Selenium	78-2	8.44	7.15	7.35	7.65	9.12	ppb
Silicon	28-1	333.65	325.54	312.80	324.00	3.24	ppb
Silver	107-1	2.75	2.77	2.75	2.75	0.46	ppb
Silver	109-1	2.64	2.71	2.73	2.69	1.71	ppb
Sodium	23-2	329.72	322.71	331.51	327.98	1.42	ppb
Strontium	86-1	180.86	181.70	177.52	180.03	1.23	ppb
Strontium	88-1	180.21	183.36	180.31	181.29	0.99	ppb
Sulfur	34-1	881.89	694.67	588.83	721.80	20.56	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.49	0.55	0.49	0.51	7.07	ppb
Thallium	205-1	0.52	0.54	0.53	0.53	2.01	ppb
Tin	118-1	10.58	10.75	10.59	10.64	0.88	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-01	Instrumnet Name :	P8
Client Sample ID :	MH1Q09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:22:56	DataFile Name :	109AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	226.98	223.76	218.19	222.98	1.99	ppb
Uranium	238-1	4.83	4.86	4.83	4.84	0.30	ppb
Vanadium	51-2	60.56	62.32	59.57	60.82	2.29	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	1249.28	1317.28	1280.82	1282.46	2.65	ppb
Zirconium	90-1	2.84	2.84	2.88	2.85	0.81	ppb
Zirconium	91-1	2.81	2.82	2.83	2.82	0.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-02	Instrumnet Name :	P8
Client Sample ID :	MH1Q10	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:25:51	DataFile Name :	110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13052.52	12886.81	13321.96	13087.10	1.68	ppb
Antimony	121-1	9.45	9.38	9.44	9.42	0.39	ppb
Arsenic	75-2	207.06	208.12	206.56	207.25	0.38	ppb
Barium	135-1	430.31	417.17	421.56	423.01	1.58	ppb
Barium	137-1	429.91	409.38	420.35	419.88	2.45	ppb
Beryllium	9-1	1.46	1.36	1.57	1.46	7.43	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	3.88	3.90	4.33	4.03	6.27	ppb
Boron	11-1	3.89	3.95	4.51	4.12	8.17	ppb
Bromine	81-1						cps
Cadmium	111-1	3.93	4.13	4.09	4.05	2.67	ppb
Cadmium	106-1	2.42	2.54	4.32	3.09	34.32	ppb
Cadmium	108-1	3.53	3.69	3.63	3.62	2.27	ppb
Calcium	43-1	67562.03	68552.34	70769.26	68961.21	2.38	ppb
Calcium	44-1	68722.44	69887.01	69855.18	69488.21	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.78	20.51	20.72	20.67	0.68	ppb
Cobalt	59-2	15.12	14.94	15.09	15.05	0.65	ppb
Copper	63-2	74.40	73.16	75.41	74.33	1.51	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				105		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	27996.90	27805.52	27373.55	27725.32	1.15	ppb
Iron	56-2	27477.08	27472.50	28270.57	27740.05	1.66	ppb
Iron	57-2	27423.68	27257.16	28301.74	27660.86	2.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-02	Instrumnet Name :	P8
Client Sample ID :	MH1Q10	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:25:51	DataFile Name :	110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	160.05	157.91	153.21	157.06	2.23	ppb
Lead	207-1	151.96	155.74	152.44	153.38	1.34	ppb
Lead	208-1	156.20	159.87	153.96	156.68	1.90	ppb
Lithium	6-1				97		%
Magnesium	24-2	7455.24	7590.66	7777.04	7607.65	2.12	ppb
Manganese	55-2	729.39	726.15	755.08	736.87	2.15	ppb
Molybdenum	94-1	8.14	8.64	8.48	8.42	3.04	ppb
Molybdenum	95-1	3.70	3.78	3.86	3.78	2.12	ppb
Molybdenum	96-1	4.81	4.76	4.80	4.79	0.50	ppb
Molybdenum	97-1	3.61	3.69	3.73	3.68	1.55	ppb
Molybdenum	98-1	3.69	3.68	3.78	3.72	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.84	44.53	45.03	44.80	0.56	ppb
Phosphorus	31-2	2957.84	2896.69	2998.38	2950.97	1.73	ppb
Potassium	39-2	3367.05	3350.17	3412.67	3376.63	0.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	1.65	3.22	2.90	2.59	31.89	ppb
Selenium	77-2	43.10	41.48	39.67	41.42	4.14	ppb
Selenium	78-2	6.94	7.37	6.74	7.02	4.55	ppb
Silicon	28-1	302.39	302.38	303.16	302.64	0.15	ppb
Silver	107-1	0.69	0.68	0.70	0.69	1.84	ppb
Silver	109-1	0.69	0.68	0.65	0.67	3.50	ppb
Sodium	23-2	302.87	298.55	309.25	303.56	1.77	ppb
Strontium	86-1	163.60	163.70	166.39	164.56	0.96	ppb
Strontium	88-1	161.68	163.73	164.45	163.28	0.88	ppb
Sulfur	34-1	118.27	103.53	277.79	166.53	58.03	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.46	0.47	0.40	0.44	8.25	ppb
Thallium	205-1	0.45	0.48	0.46	0.46	2.81	ppb
Tin	118-1	2.10	2.19	2.19	2.16	2.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-02	Instrumnet Name :	P8
Client Sample ID :	MH1Q10	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:25:51	DataFile Name :	110AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	167.42	167.63	163.54	166.20	1.39	ppb
Uranium	238-1	2.61	2.73	2.64	2.66	2.26	ppb
Vanadium	51-2	64.87	63.59	64.15	64.20	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	224.94	220.03	224.31	223.09	1.20	ppb
Zirconium	90-1	2.81	2.80	2.87	2.82	1.46	ppb
Zirconium	91-1	2.81	2.73	2.92	2.82	3.38	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-03	Instrumnet Name :	P8
Client Sample ID :	MH1Q11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:28:45	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17134.71	15919.35	16481.95	16512.00	3.68	ppb
Antimony	121-1	6.94	6.40	6.57	6.64	4.16	ppb
Arsenic	75-2	326.49	320.61	323.74	323.62	0.91	ppb
Barium	135-1	691.07	679.93	648.72	673.24	3.26	ppb
Barium	137-1	714.57	659.72	642.96	672.42	5.57	ppb
Beryllium	9-1	1.70	1.71	1.67	1.70	1.14	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	4.36	4.32	4.37	4.35	0.69	ppb
Boron	11-1	4.52	4.43	4.53	4.49	1.20	ppb
Bromine	81-1						cps
Cadmium	111-1	4.08	3.78	3.85	3.90	3.94	ppb
Cadmium	106-1	4.70	4.34	3.42	4.15	15.93	ppb
Cadmium	108-1	3.41	3.88	3.04	3.44	12.19	ppb
Calcium	43-1	220358.31	210339.37	208499.59	213065.76	3.00	ppb
Calcium	44-1	222249.61	214764.43	211131.07	216048.37	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21.80	21.41	21.01	21.41	1.85	ppb
Cobalt	59-2	17.63	17.74	17.22	17.53	1.57	ppb
Copper	63-2	66.85	67.52	64.34	66.24	2.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	54-2	32116.79	32393.64	30934.13	31814.85	2.44	ppb
Iron	56-2	32577.69	32342.98	31703.50	32208.06	1.40	ppb
Iron	57-2	33244.67	33882.61	32806.40	33311.23	1.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-03	Instrumnet Name :	P8
Client Sample ID :	MH1Q11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:28:45	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	136.28	127.59	129.27	131.05	3.52	ppb
Lead	207-1	134.78	123.70	126.23	128.24	4.53	ppb
Lead	208-1	138.97	126.68	128.51	131.39	5.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	12216.43	11473.51	11567.23	11752.39	3.44	ppb
Manganese	55-2	797.58	806.63	770.48	791.56	2.38	ppb
Molybdenum	94-1	10.78	9.78	9.66	10.07	6.08	ppb
Molybdenum	95-1	4.54	4.14	4.21	4.30	5.03	ppb
Molybdenum	96-1	6.06	5.28	5.18	5.51	8.75	ppb
Molybdenum	97-1	4.66	4.14	4.20	4.33	6.55	ppb
Molybdenum	98-1	4.41	3.98	4.28	4.22	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.70	47.80	46.70	47.40	1.27	ppb
Phosphorus	31-2	3207.01	3242.70	3376.70	3275.47	2.73	ppb
Potassium	39-2	3099.77	3124.14	3019.19	3081.03	1.78	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	3.45	2.92	1.86	2.74	29.59	ppb
Selenium	77-2	44.53	40.56	40.45	41.85	5.56	ppb
Selenium	78-2	7.97	6.41	6.74	7.04	11.66	ppb
Silicon	28-1	403.86	382.48	363.04	383.12	5.33	ppb
Silver	107-1	0.59	0.52	0.54	0.55	6.75	ppb
Silver	109-1	0.58	0.55	0.55	0.56	3.21	ppb
Sodium	23-2	339.21	339.21	327.44	335.28	2.03	ppb
Strontium	86-1	352.70	319.60	315.63	329.31	6.18	ppb
Strontium	88-1	339.55	320.74	313.86	324.72	4.10	ppb
Sulfur	34-1	1208.99	892.45	682.50	927.98	28.56	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.59	0.54	0.55	0.56	4.92	ppb
Thallium	205-1	0.56	0.55	0.57	0.56	1.45	ppb
Tin	118-1	1.88	1.71	1.90	1.83	5.79	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-03	Instrumnet Name :	P8
Client Sample ID :	MH1Q11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:28:45	DataFile Name :	111AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	249.85	237.01	227.56	238.14	4.70	ppb
Uranium	238-1	3.92	3.49	3.45	3.62	7.23	ppb
Vanadium	51-2	88.93	88.13	86.44	87.83	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	198.45	202.82	194.36	198.54	2.13	ppb
Zirconium	90-1	3.74	3.36	3.41	3.50	5.94	ppb
Zirconium	91-1	3.68	3.47	3.40	3.52	4.21	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:49:59	DataFile Name :	117CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50048.04	50429.35	50828.61	50435.34	0.77	ppb
Antimony	121-1	517.04	524.85	496.66	512.85	2.84	ppb
Arsenic	75-2	466.91	468.70	459.02	464.87	1.11	ppb
Barium	135-1	2486.90	2593.04	2501.67	2527.20	2.27	ppb
Barium	137-1	2462.85	2624.40	2407.88	2498.38	4.50	ppb
Beryllium	9-1	545.68	553.07	508.57	535.77	4.45	ppb
Bismuth	209-1				88		%
Bismuth	209-2				93		%
Boron	10-1	397.36	423.30	370.31	396.99	6.67	ppb
Boron	11-1	403.88	386.54	372.59	387.67	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	471.19	500.91	464.34	478.81	4.06	ppb
Cadmium	106-1	468.01	505.33	470.91	481.42	4.31	ppb
Cadmium	108-1	482.00	497.51	461.62	480.38	3.75	ppb
Calcium	43-1	238543.78	246882.74	241131.78	242186.10	1.76	ppb
Calcium	44-1	241772.80	241864.27	238596.39	240744.49	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.05	495.36	492.29	492.57	0.54	ppb
Cobalt	59-2	490.44	497.37	482.05	489.95	1.57	ppb
Copper	63-2	5080.42	4964.79	4799.44	4948.22	2.85	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				98		%
Holmium	165-2				104		%
Indium	115-1				87		%
Indium	115-2				95		%
Iron	54-2	127838.14	120702.24	122075.38	123538.59	3.06	ppb
Iron	56-2	123646.10	123539.05	124981.63	124055.59	0.65	ppb
Iron	57-2	123163.24	129970.16	125272.59	126135.33	2.76	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:49:59	DataFile Name :	117CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2597.90	2524.31	2435.89	2519.37	3.22	ppb
Lead	207-1	2614.29	2544.84	2356.38	2505.17	5.33	ppb
Lead	208-1	2576.16	2568.73	2397.95	2514.28	4.01	ppb
Lithium	6-1				88		%
Magnesium	24-2	248490.29	250397.31	249682.82	249523.47	0.39	ppb
Manganese	55-2	4902.66	4845.54	4755.90	4834.70	1.53	ppb
Molybdenum	94-1	5028.35	5048.23	4935.64	5004.07	1.20	ppb
Molybdenum	95-1	4960.94	5076.42	4936.90	4991.42	1.49	ppb
Molybdenum	96-1	4946.69	5006.16	4861.85	4938.23	1.47	ppb
Molybdenum	97-1	4994.25	4975.50	4870.37	4946.71	1.35	ppb
Molybdenum	98-1	5153.46	5084.41	4953.01	5063.63	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.72	471.52	480.99	478.41	1.26	ppb
Phosphorus	31-2	9754.34	10041.87	9669.95	9822.06	1.99	ppb
Potassium	39-2	120295.57	116798.20	118208.12	118433.96	1.49	ppb
Rhodium	103-1				84		%
Rhodium	103-2				90		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	82-1	492.91	495.59	491.42	493.31	0.43	ppb
Selenium	77-2	503.16	494.15	496.21	497.84	0.95	ppb
Selenium	78-2	500.91	503.08	486.85	496.95	1.77	ppb
Silicon	28-1	242.48	238.05	241.10	240.54	0.94	ppb
Silver	107-1	490.50	506.27	483.22	493.33	2.39	ppb
Silver	109-1	481.53	500.06	457.66	479.75	4.43	ppb
Sodium	23-2	247712.44	245456.37	248853.00	247340.60	0.70	ppb
Strontium	86-1	519.05	498.98	515.82	511.28	2.11	ppb
Strontium	88-1	499.83	490.48	500.19	496.83	1.11	ppb
Sulfur	34-1	9674.00	9870.34	8986.73	9510.36	4.88	ppb
Terbium	159-1				94		%
Terbium	159-2				104		%
Thallium	203-1	526.05	500.20	501.56	509.27	2.86	ppb
Thallium	205-1	511.30	498.27	503.25	504.27	1.30	ppb
Tin	118-1	495.85	495.47	488.56	493.30	0.83	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:49:59	DataFile Name :	117CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5126.38	4944.16	4831.22	4967.25	3.00	ppb
Uranium	238-1	532.00	532.92	500.40	521.77	3.55	ppb
Vanadium	51-2	483.39	486.28	478.47	482.71	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				97		%
Zinc	66-2	5003.77	4958.82	4856.97	4939.86	1.52	ppb
Zirconium	90-1	513.53	513.27	499.67	508.82	1.56	ppb
Zirconium	91-1	503.87	493.10	503.37	500.11	1.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:55:20	DataFile Name :	118CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	-0.57	-0.27	-0.37		ppb
Antimony	121-1	0.15	0.17	0.20	0.17	15.10	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.10	0.06	0.06	0.07	31.08	ppb
Barium	137-1	0.09	0.08	0.06	0.08	16.31	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	6.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	25.72	27.28	25.95	26.32	3.18	ppb
Boron	11-1	25.37	27.44	26.56	26.45	3.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	0.03	0.02	108.38	ppb
Cadmium	106-1	-1.65	-1.98	-0.42	-1.35		ppb
Cadmium	108-1	-0.16	-0.21	-0.14	-0.17		ppb
Calcium	43-1	5.60	5.71	5.56	5.63	1.42	ppb
Calcium	44-1	5.90	4.11	4.78	4.93	18.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	43.14	ppb
Copper	63-2	0.24	0.23	0.24	0.24	2.54	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				96		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	54-2	3.43	3.48	4.20	3.70	11.68	ppb
Iron	56-2	3.11	3.06	3.17	3.11	1.86	ppb
Iron	57-2	2.85	3.13	4.75	3.58	28.69	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:55:20	DataFile Name :	118CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.11	0.13	0.13	14.09	ppb
Lead	207-1	0.14	0.11	0.13	0.13	10.68	ppb
Lead	208-1	0.14	0.12	0.13	0.13	8.17	ppb
Lithium	6-1				92		%
Magnesium	24-2	6.38	5.69	5.54	5.87	7.59	ppb
Manganese	55-2	0.09	0.12	0.10	0.10	15.55	ppb
Molybdenum	94-1	0.28	0.17	0.22	0.22	23.68	ppb
Molybdenum	95-1	0.23	0.22	0.17	0.21	14.37	ppb
Molybdenum	96-1	0.19	0.14	0.17	0.16	15.27	ppb
Molybdenum	97-1	0.22	0.19	0.18	0.20	12.23	ppb
Molybdenum	98-1	0.24	0.18	0.19	0.21	15.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	15.13	ppb
Phosphorus	31-2	-15.05	-9.88	-30.29	-18.41		ppb
Potassium	39-2	11.03	12.55	14.13	12.57	12.31	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	0.95	-0.18	0.14	0.30	192.84	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.95	-0.30	-0.64	-0.63		ppb
Silicon	28-1	0.36	0.40	0.51	0.42	19.09	ppb
Silver	107-1	0.07	0.08	0.06	0.07	8.68	ppb
Silver	109-1	0.07	0.07	0.06	0.07	9.27	ppb
Sodium	23-2	29.74	32.93	32.03	31.57	5.20	ppb
Strontium	86-1	-0.05	-0.18	-0.14	-0.12		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.17	ppb
Sulfur	34-1	-587.43	-640.12	-533.24	-586.93		ppb
Terbium	159-1				92		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.09	0.12	0.10	14.59	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	4.51	ppb
Tin	118-1	0.03	0.04	0.02	0.03	24.52	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:55:20	DataFile Name :	118CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.12	0.11	0.10	30.53	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	32.11	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	41.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	0.15	0.20	0.15	0.17	17.71	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	23.82	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	63.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-07	Instrumnet Name :	P8
Client Sample ID :	MH1QB0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:58:22	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12957.19	13014.62	12641.08	12870.96	1.56	ppb
Antimony	121-1	5.16	5.18	5.35	5.23	2.02	ppb
Arsenic	75-2	31.55	31.23	32.93	31.90	2.83	ppb
Barium	135-1	715.71	714.90	696.40	709.00	1.54	ppb
Barium	137-1	698.15	706.59	699.06	701.27	0.66	ppb
Beryllium	9-1	1.57	1.53	1.57	1.56	1.36	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	40.31	43.06	45.19	42.85	5.72	ppb
Boron	11-1	41.90	42.50	43.89	42.76	2.40	ppb
Bromine	81-1						cps
Cadmium	111-1	12.32	12.72	12.65	12.56	1.67	ppb
Cadmium	106-1	11.65	12.55	12.17	12.13	3.72	ppb
Cadmium	108-1	11.82	11.03	12.17	11.67	5.02	ppb
Calcium	43-1	163812.95	160403.40	157617.47	160611.28	1.93	ppb
Calcium	44-1	160247.71	158617.86	159985.63	159617.06	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.25	31.19	31.43	31.29	0.40	ppb
Cobalt	59-2	13.80	13.89	14.06	13.92	0.96	ppb
Copper	63-2	184.33	187.92	188.52	186.92	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				101		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	32804.22	33967.01	34001.54	33590.92	2.03	ppb
Iron	56-2	33527.26	33571.16	33501.93	33533.45	0.10	ppb
Iron	57-2	33229.33	33976.67	33592.98	33599.66	1.11	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-07	Instrumnet Name :	P8
Client Sample ID :	MH1QB0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:58:22	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1236.59	1264.11	1243.17	1247.96	1.15	ppb
Lead	207-1	1223.41	1209.02	1210.02	1214.15	0.66	ppb
Lead	208-1	1223.06	1224.68	1225.95	1224.56	0.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	10801.83	10583.22	10714.54	10699.86	1.03	ppb
Manganese	55-2	1274.65	1268.33	1314.97	1285.98	1.97	ppb
Molybdenum	94-1	10.95	10.72	10.85	10.84	1.09	ppb
Molybdenum	95-1	4.18	4.07	4.05	4.10	1.78	ppb
Molybdenum	96-1	5.53	5.59	5.38	5.50	1.93	ppb
Molybdenum	97-1	4.24	3.99	4.07	4.10	3.18	ppb
Molybdenum	98-1	4.12	4.02	4.03	4.06	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.50	36.14	36.90	36.51	1.05	ppb
Phosphorus	31-2	10906.35	11002.09	10991.23	10966.56	0.48	ppb
Potassium	39-2	9465.55	9053.59	9274.81	9264.65	2.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	4.19	3.97	2.77	3.64	21.06	ppb
Selenium	77-2	32.21	36.63	31.67	33.50	8.12	ppb
Selenium	78-2	5.47	7.28	6.61	6.45	14.23	ppb
Silicon	28-1	411.96	413.37	401.19	408.84	1.63	ppb
Silver	107-1	3.12	3.04	3.05	3.07	1.41	ppb
Silver	109-1	3.07	3.13	3.02	3.07	1.76	ppb
Sodium	23-2	647.35	646.12	635.59	643.02	1.01	ppb
Strontium	86-1	703.58	705.92	695.98	701.83	0.74	ppb
Strontium	88-1	695.84	687.28	693.95	692.35	0.65	ppb
Sulfur	34-1	1909.75	1902.01	1741.05	1850.94	5.15	ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	0.58	0.58	0.60	0.58	1.76	ppb
Thallium	205-1	0.59	0.59	0.60	0.59	0.18	ppb
Tin	118-1	22.02	23.12	22.81	22.65	2.49	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-07	Instrumnet Name :	P8
Client Sample ID :	MH1QB0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:58:22	DataFile Name :	119AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	252.10	249.42	253.18	251.57	0.77	ppb
Uranium	238-1	5.80	5.77	5.66	5.74	1.27	ppb
Vanadium	51-2	65.11	65.32	66.84	65.76	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	1717.22	1710.30	1737.07	1721.53	0.81	ppb
Zirconium	90-1	3.94	3.88	3.88	3.90	0.90	ppb
Zirconium	91-1	3.97	3.86	3.93	3.92	1.34	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-08	Instrumnet Name :	P8
Client Sample ID :	MH1QB1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:01:15	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13115.81	13732.60	13710.77	13519.73	2.59	ppb
Antimony	121-1	6.63	6.89	7.02	6.85	2.94	ppb
Arsenic	75-2	40.07	37.51	38.24	38.61	3.41	ppb
Barium	135-1	694.26	747.68	775.35	739.10	5.58	ppb
Barium	137-1	693.66	746.77	735.52	725.32	3.86	ppb
Beryllium	9-1	1.66	1.63	1.75	1.68	3.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	38.77	38.81	40.09	39.22	1.91	ppb
Boron	11-1	40.23	42.01	42.85	41.70	3.21	ppb
Bromine	81-1						cps
Cadmium	111-1	12.91	13.33	13.98	13.41	4.00	ppb
Cadmium	106-1	10.84	12.33	12.26	11.81	7.12	ppb
Cadmium	108-1	12.25	13.71	13.93	13.30	6.87	ppb
Calcium	43-1	167861.55	165593.94	162204.39	165219.96	1.72	ppb
Calcium	44-1	170230.51	166297.06	164519.09	167015.55	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.41	32.22	31.38	31.67	1.50	ppb
Cobalt	59-2	14.74	15.12	14.76	14.88	1.44	ppb
Copper	63-2	208.09	214.41	205.70	209.40	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	33582.63	34385.68	33806.59	33924.97	1.22	ppb
Iron	56-2	34218.98	35320.34	34563.83	34701.05	1.62	ppb
Iron	57-2	35183.17	36952.16	36452.76	36196.03	2.52	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-08	Instrumnet Name :	P8
Client Sample ID :	MH1QB1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:01:15	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1450.00	1506.08	1497.65	1484.58	2.04	ppb
Lead	207-1	1400.58	1435.42	1409.31	1415.10	1.28	ppb
Lead	208-1	1421.51	1455.82	1448.66	1442.00	1.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	10446.47	10397.04	10750.47	10531.32	1.82	ppb
Manganese	55-2	1269.55	1336.06	1301.68	1302.43	2.55	ppb
Molybdenum	94-1	12.11	12.07	11.22	11.80	4.28	ppb
Molybdenum	95-1	4.68	4.49	4.41	4.53	3.09	ppb
Molybdenum	96-1	5.94	5.97	6.07	6.00	1.13	ppb
Molybdenum	97-1	4.63	4.63	4.48	4.58	1.85	ppb
Molybdenum	98-1	4.37	4.47	4.33	4.39	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.77	43.35	43.14	42.75	2.00	ppb
Phosphorus	31-2	10106.80	11004.69	10950.80	10687.43	4.71	ppb
Potassium	39-2	7931.85	8423.69	7644.49	8000.01	4.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	3.58	3.94	4.11	3.88	6.91	ppb
Selenium	77-2	36.23	40.90	34.34	37.16	9.09	ppb
Selenium	78-2	7.39	8.04	6.51	7.31	10.50	ppb
Silicon	28-1	368.10	359.70	367.24	365.01	1.27	ppb
Silver	107-1	3.12	3.16	3.32	3.20	3.37	ppb
Silver	109-1	3.06	3.28	3.31	3.22	4.29	ppb
Sodium	23-2	644.89	640.17	648.68	644.58	0.66	ppb
Strontium	86-1	756.75	747.41	708.71	737.63	3.45	ppb
Strontium	88-1	753.90	733.31	718.57	735.26	2.41	ppb
Sulfur	34-1	2029.02	1712.65	1798.41	1846.69	8.86	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.46	0.47	0.49	0.47	3.30	ppb
Thallium	205-1	0.46	0.46	0.51	0.48	6.61	ppb
Tin	118-1	27.35	28.32	28.46	28.05	2.15	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-08	Instrumnet Name :	P8
Client Sample ID :	MH1QB1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:01:15	DataFile Name :	120AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	257.33	258.03	269.70	261.69	2.66	ppb
Uranium	238-1	6.26	6.22	6.42	6.30	1.67	ppb
Vanadium	51-2	69.83	71.64	70.99	70.82	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				109		%
Zinc	66-2	1811.34	1864.95	1819.54	1831.94	1.58	ppb
Zirconium	90-1	4.16	4.30	4.14	4.20	2.12	ppb
Zirconium	91-1	4.23	4.23	4.11	4.19	1.69	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-09	Instrumnet Name :	P8
Client Sample ID :	MH1QB2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:04:11	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13050.67	13457.79	13319.98	13276.15	1.56	ppb
Antimony	121-1	5.77	5.85	6.11	5.91	3.00	ppb
Arsenic	75-2	37.74	35.76	36.63	36.71	2.70	ppb
Barium	135-1	770.85	748.86	767.70	762.47	1.56	ppb
Barium	137-1	728.14	730.87	749.37	736.13	1.57	ppb
Beryllium	9-1	1.68	1.73	1.63	1.68	3.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	29.55	31.28	29.88	30.24	3.03	ppb
Boron	11-1	32.02	31.68	30.27	31.32	2.97	ppb
Bromine	81-1						cps
Cadmium	111-1	13.73	14.28	14.41	14.14	2.56	ppb
Cadmium	106-1	12.99	12.52	13.54	13.02	3.95	ppb
Cadmium	108-1	12.35	13.92	12.16	12.81	7.57	ppb
Calcium	43-1	146357.87	143480.44	146862.20	145566.84	1.25	ppb
Calcium	44-1	148850.14	142079.64	145753.70	145561.16	2.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.20	24.77	24.54	24.51	1.16	ppb
Cobalt	59-2	14.07	14.03	13.92	14.00	0.56	ppb
Copper	63-2	180.05	180.90	182.20	181.05	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	32726.25	33076.14	32410.72	32737.70	1.02	ppb
Iron	56-2	32754.37	33969.91	32177.94	32967.40	2.77	ppb
Iron	57-2	33079.65	33919.43	33389.14	33462.74	1.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-09	Instrumnet Name :	P8
Client Sample ID :	MH1QB2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:04:11	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1906.82	1804.99	1864.17	1858.66	2.75	ppb
Lead	207-1	1783.66	1736.76	1812.48	1777.63	2.15	ppb
Lead	208-1	1809.17	1769.87	1823.88	1800.97	1.55	ppb
Lithium	6-1				99		%
Magnesium	24-2	8298.93	8360.24	8253.92	8304.37	0.64	ppb
Manganese	55-2	1148.10	1194.07	1135.37	1159.18	2.66	ppb
Molybdenum	94-1	11.29	11.45	11.34	11.36	0.73	ppb
Molybdenum	95-1	4.30	4.47	4.54	4.44	2.77	ppb
Molybdenum	96-1	5.59	5.64	5.80	5.68	1.99	ppb
Molybdenum	97-1	4.30	4.44	4.51	4.42	2.49	ppb
Molybdenum	98-1	4.34	4.48	4.39	4.40	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.90	36.69	36.07	36.22	1.15	ppb
Phosphorus	31-2	6622.77	6612.47	6441.96	6559.07	1.55	ppb
Potassium	39-2	5775.83	5649.20	5452.35	5625.79	2.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	2.90	2.94	2.89	2.91	0.95	ppb
Selenium	77-2	27.72	31.23	35.42	31.46	12.25	ppb
Selenium	78-2	6.93	6.18	6.80	6.64	5.97	ppb
Silicon	28-1	347.86	361.64	384.62	364.71	5.09	ppb
Silver	107-1	3.45	3.47	3.58	3.50	2.05	ppb
Silver	109-1	3.52	3.46	3.53	3.50	1.13	ppb
Sodium	23-2	603.21	621.64	606.21	610.35	1.62	ppb
Strontium	86-1	578.69	584.74	578.80	580.74	0.60	ppb
Strontium	88-1	562.99	572.41	567.69	567.69	0.83	ppb
Sulfur	34-1	1346.69	1376.48	1152.84	1292.00	9.40	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.50	0.47	0.48	0.48	3.30	ppb
Thallium	205-1	0.51	0.48	0.48	0.49	2.70	ppb
Tin	118-1	39.53	40.40	41.29	40.41	2.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-09	Instrumnet Name :	P8
Client Sample ID :	MH1QB2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:04:11	DataFile Name :	121AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	277.83	280.87	284.97	281.23	1.28	ppb
Uranium	238-1	5.11	4.88	5.29	5.09	4.05	ppb
Vanadium	51-2	68.95	68.90	69.56	69.14	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	1724.01	1779.58	1744.37	1749.32	1.61	ppb
Zirconium	90-1	3.99	4.10	4.12	4.07	1.65	ppb
Zirconium	91-1	3.91	4.10	4.01	4.01	2.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-10	Instrumnet Name :	P8
Client Sample ID :	MH1QB3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:07:04	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14910.73	14969.60	14392.86	14757.73	2.15	ppb
Antimony	121-1	7.05	7.02	7.23	7.10	1.59	ppb
Arsenic	75-2	44.14	46.08	43.62	44.61	2.91	ppb
Barium	135-1	886.61	874.03	916.18	892.27	2.42	ppb
Barium	137-1	869.30	865.29	916.04	883.54	3.19	ppb
Beryllium	9-1	1.90	1.76	1.84	1.83	3.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	28.37	27.11	27.93	27.80	2.29	ppb
Boron	11-1	28.40	28.58	29.07	28.68	1.20	ppb
Bromine	81-1						cps
Cadmium	111-1	127.45	128.00	130.44	128.63	1.24	ppb
Cadmium	106-1	101.17	106.15	106.99	104.77	3.01	ppb
Cadmium	108-1	105.68	110.03	111.64	109.12	2.83	ppb
Calcium	43-1	150044.54	148977.94	151237.51	150086.66	0.75	ppb
Calcium	44-1	150601.44	152376.43	152486.07	151821.31	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.20	25.39	25.36	25.32	0.41	ppb
Cobalt	59-2	14.95	15.22	14.72	14.96	1.67	ppb
Copper	63-2	171.17	173.37	172.76	172.43	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				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	35104.65	35679.47	34299.43	35027.85	1.98	ppb
Iron	56-2	34306.28	35806.83	34568.99	34894.03	2.30	ppb
Iron	57-2	34686.80	36330.45	34174.98	35064.08	3.21	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-10	Instrumnet Name :	P8
Client Sample ID :	MH1QB3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:07:04	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2721.82	2771.51	2682.85	2725.40	1.63	ppb
Lead	207-1	2596.75	2607.00	2466.39	2556.72	3.07	ppb
Lead	208-1	2636.46	2651.66	2538.45	2608.86	2.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	8452.88	8744.10	8439.05	8545.34	2.02	ppb
Manganese	55-2	1198.97	1217.44	1168.60	1195.00	2.06	ppb
Molybdenum	94-1	13.81	13.65	13.33	13.60	1.77	ppb
Molybdenum	95-1	5.16	5.16	5.25	5.19	1.05	ppb
Molybdenum	96-1	6.69	6.69	6.69	6.69	0.07	ppb
Molybdenum	97-1	5.44	5.18	5.30	5.31	2.46	ppb
Molybdenum	98-1	5.33	5.09	5.18	5.20	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.85	38.32	38.42	38.53	0.73	ppb
Phosphorus	31-2	5616.04	5377.07	5523.41	5505.51	2.19	ppb
Potassium	39-2	5568.96	5763.39	5788.36	5706.90	2.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	3.67	2.81	3.64	3.37	14.48	ppb
Selenium	77-2	36.60	36.19	28.47	33.76	13.57	ppb
Selenium	78-2	6.13	7.20	5.19	6.17	16.23	ppb
Silicon	28-1	374.71	377.80	395.12	382.54	2.88	ppb
Silver	107-1	3.54	3.65	3.69	3.63	2.20	ppb
Silver	109-1	3.57	3.56	3.65	3.59	1.37	ppb
Sodium	23-2	876.40	895.14	865.44	878.99	1.71	ppb
Strontium	86-1	537.86	519.98	535.04	530.96	1.81	ppb
Strontium	88-1	510.09	518.96	529.68	519.57	1.89	ppb
Sulfur	34-1	1531.33	1530.26	1528.48	1530.02	0.09	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	0.51	0.45	0.53	0.50	8.04	ppb
Thallium	205-1	0.49	0.52	0.52	0.51	3.62	ppb
Tin	118-1	49.41	51.37	52.04	50.94	2.68	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-10	Instrumnet Name :	P8
Client Sample ID :	MH1QB3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:07:04	DataFile Name :	122AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	352.69	353.56	358.22	354.82	0.84	ppb
Uranium	238-1	4.58	4.60	4.55	4.58	0.52	ppb
Vanadium	51-2	78.21	78.34	76.60	77.72	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	2115.25	2135.16	2146.32	2132.24	0.74	ppb
Zirconium	90-1	4.93	5.05	5.04	5.01	1.31	ppb
Zirconium	91-1	4.88	5.10	5.08	5.02	2.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:09:59	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.21	2.40	2.08	2.23	7.21	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	19.80	ppb
Arsenic	75-2	632.00	650.27	635.29	639.19	1.52	ppb
Barium	135-1	33.84	32.10	32.34	32.76	2.88	ppb
Barium	137-1	33.74	31.81	32.83	32.80	2.95	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	8.97	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	90.88	95.20	97.85	94.64	3.71	ppb
Boron	11-1	92.82	99.62	98.28	96.91	3.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.03	-0.02	-0.02		ppb
Cadmium	106-1	-1.85	-2.46	-1.77	-2.03		ppb
Cadmium	108-1	-0.13	-0.13	-0.17	-0.14		ppb
Calcium	43-1	375764.32	386209.97	390104.52	384026.27	1.93	ppb
Calcium	44-1	378668.30	382582.02	387874.01	383041.44	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.72	0.75	0.72	2.90	ppb
Cobalt	59-2	0.28	0.28	0.29	0.28	2.81	ppb
Copper	63-2	0.35	0.33	0.35	0.34	2.36	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				104		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	14751.83	14894.99	15084.31	14910.38	1.12	ppb
Iron	56-2	14860.55	14652.34	15027.48	14846.79	1.27	ppb
Iron	57-2	14855.51	14468.39	14672.24	14665.38	1.32	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:09:59	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.53	0.47	0.46	0.49	7.68	ppb
Lead	207-1	0.47	0.41	0.42	0.43	6.81	ppb
Lead	208-1	0.50	0.47	0.41	0.46	10.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	259628.58	255901.96	264934.74	260155.09	1.74	ppb
Manganese	55-2	893.25	899.70	892.57	895.17	0.44	ppb
Molybdenum	94-1	2.38	2.27	2.38	2.34	2.69	ppb
Molybdenum	95-1	2.73	2.50	2.68	2.64	4.41	ppb
Molybdenum	96-1	2.94	2.82	3.01	2.92	3.16	ppb
Molybdenum	97-1	2.68	2.67	2.79	2.71	2.52	ppb
Molybdenum	98-1	2.77	2.54	2.58	2.63	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.75	0.80	0.76	4.92	ppb
Phosphorus	31-2	152.82	145.93	147.17	148.64	2.47	ppb
Potassium	39-2	5499.22	5817.42	5650.34	5655.66	2.81	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	1.83	0.54	2.18	1.52	56.69	ppb
Selenium	77-2	0.43	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	-0.88	-0.36	-0.94	-0.73		ppb
Silicon	28-1	1871.31	1905.36	1959.59	1912.09	2.33	ppb
Silver	107-1	0.02	0.02	0.03	0.02	16.56	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.58	ppb
Sodium	23-2	24702.96	24542.45	25313.26	24852.89	1.64	ppb
Strontium	86-1	10353.33	10121.38	10243.40	10239.37	1.13	ppb
Strontium	88-1	10341.12	10064.46	10202.77	10202.78	1.36	ppb
Sulfur	34-1	507066.40	521006.25	518976.54	515683.06	1.46	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.02	0.01	0.02	48.84	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	21.44	ppb
Tin	118-1	0.40	0.39	0.41	0.40	1.98	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:09:59	DataFile Name :	123AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.26	1.07	1.16	1.16	7.81	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	2.81	ppb
Vanadium	51-2	0.12	0.13	0.14	0.13	6.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	2.51	2.46	2.64	2.54	3.71	ppb
Zirconium	90-1	0.10	0.08	0.08	0.08	12.43	ppb
Zirconium	91-1	0.24	0.19	0.16	0.20	21.28	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:12:54	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.72	1.68	1.19	1.53	19.48	ppb
Antimony	121-1	0.15	0.15	0.15	0.15	1.62	ppb
Arsenic	75-2	17.39	16.77	16.95	17.04	1.86	ppb
Barium	135-1	19.65	20.32	19.60	19.86	2.02	ppb
Barium	137-1	20.03	20.94	20.46	20.48	2.21	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	10.18	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	47.84	46.67	49.60	48.04	3.07	ppb
Boron	11-1	48.23	47.14	52.08	49.15	5.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.03	0.01	0.02	70.46	ppb
Cadmium	106-1	-1.44	0.06	-1.18	-0.85		ppb
Cadmium	108-1	-0.09	-0.28	-0.22	-0.19		ppb
Calcium	43-1	295224.75	310405.11	297556.51	301062.12	2.72	ppb
Calcium	44-1	299228.68	305629.83	300835.50	301898.00	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.02	0.02	46.67	ppb
Cobalt	59-2	1.55	1.48	1.39	1.47	5.69	ppb
Copper	63-2	1.82	1.80	1.73	1.78	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	21.66	21.18	21.03	21.29	1.54	ppb
Iron	56-2	21.66	20.42	20.72	20.93	3.09	ppb
Iron	57-2	228.14	242.12	236.83	235.70	2.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:12:54	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.21	0.20	0.21	4.94	ppb
Lead	207-1	0.17	0.20	0.18	0.19	8.32	ppb
Lead	208-1	0.19	0.21	0.18	0.19	5.40	ppb
Lithium	6-1				101		%
Magnesium	24-2	174895.38	170747.58	174212.88	173285.28	1.28	ppb
Manganese	55-2	175.63	176.85	176.63	176.37	0.37	ppb
Molybdenum	94-1	2.30	2.36	2.41	2.36	2.24	ppb
Molybdenum	95-1	2.85	2.75	2.66	2.75	3.48	ppb
Molybdenum	96-1	2.64	2.75	2.68	2.69	1.99	ppb
Molybdenum	97-1	2.77	2.88	2.59	2.75	5.25	ppb
Molybdenum	98-1	2.82	2.79	2.77	2.79	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.04	5.18	5.16	5.13	1.41	ppb
Phosphorus	31-2	-15.64	-23.52	-20.94	-20.03		ppb
Potassium	39-2	5553.01	5546.85	5538.48	5546.11	0.13	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	2.43	2.38	3.12	2.64	15.68	ppb
Selenium	77-2	1.39	0.00	0.90	0.76	92.22	ppb
Selenium	78-2	-0.25	-0.20	-0.55	-0.33		ppb
Silicon	28-1	706.75	738.32	738.29	727.78	2.50	ppb
Silver	107-1	0.03	0.02	0.01	0.02	41.25	ppb
Silver	109-1	0.02	0.01	0.01	0.02	41.32	ppb
Sodium	23-2	14204.15	14139.83	13946.80	14096.93	0.95	ppb
Strontium	86-1	10555.60	10600.22	10930.06	10695.29	1.91	ppb
Strontium	88-1	10794.41	10276.87	10339.74	10470.34	2.70	ppb
Sulfur	34-1	359623.21	388479.50	378761.74	375621.48	3.91	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.13	0.11	0.11	0.12	6.08	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:12:54	DataFile Name :	124AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.49	0.55	0.51	0.52	6.53	ppb
Uranium	238-1	0.55	0.56	0.54	0.55	2.21	ppb
Vanadium	51-2	0.05	0.06	0.05	0.05	7.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	3.17	3.03	3.40	3.20	5.85	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	40.20	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	24.11	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:15:51	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.85	10.13	9.68	9.89	2.28	ppb
Antimony	121-1	0.15	0.15	0.16	0.15	2.93	ppb
Arsenic	75-2	16.45	16.67	16.55	16.55	0.65	ppb
Barium	135-1	20.71	19.95	20.43	20.36	1.88	ppb
Barium	137-1	20.61	20.81	20.35	20.59	1.12	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	36.56	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	45.60	47.48	52.26	48.45	7.08	ppb
Boron	11-1	45.52	47.31	52.95	48.59	7.98	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.02	0.00	0.01	84.67	ppb
Cadmium	106-1	-0.54	-0.86	-1.19	-0.86		ppb
Cadmium	108-1	-0.17	-0.20	-0.16	-0.18		ppb
Calcium	43-1	309713.99	298811.54	298621.68	302382.40	2.10	ppb
Calcium	44-1	314439.11	296741.30	304104.46	305094.96	2.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.30	6.30	6.36	6.32	0.52	ppb
Cobalt	59-2	1.59	1.60	1.60	1.60	0.41	ppb
Copper	63-2	2.35	2.29	2.30	2.32	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				104		%
Holmium	165-2				108		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	62.16	64.60	61.17	62.64	2.81	ppb
Iron	56-2	58.36	56.08	56.43	56.96	2.16	ppb
Iron	57-2	266.64	282.82	269.11	272.86	3.19	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:15:51	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.55	0.52	0.54	0.54	2.94	ppb
Lead	207-1	0.51	0.54	0.51	0.52	3.29	ppb
Lead	208-1	0.52	0.51	0.53	0.52	2.06	ppb
Lithium	6-1				97		%
Magnesium	24-2	180814.09	177635.22	178264.83	178904.71	0.94	ppb
Manganese	55-2	211.55	207.53	209.02	209.37	0.97	ppb
Molybdenum	94-1	2.48	2.53	2.42	2.47	2.25	ppb
Molybdenum	95-1	2.86	3.12	3.06	3.01	4.56	ppb
Molybdenum	96-1	2.80	2.85	2.87	2.84	1.27	ppb
Molybdenum	97-1	2.85	2.92	3.01	2.93	2.76	ppb
Molybdenum	98-1	2.92	2.97	3.04	2.98	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.18	10.02	9.80	10.00	1.90	ppb
Phosphorus	31-2	-18.12	-11.45	-17.27	-15.62		ppb
Potassium	39-2	5975.37	5726.96	5804.66	5835.67	2.18	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	1.78	1.93	1.82	1.84	4.26	ppb
Selenium	77-2	0.00	0.90	0.45	0.45	99.89	ppb
Selenium	78-2	-0.44	-0.38	-0.20	-0.34		ppb
Silicon	28-1	754.57	732.52	732.89	740.00	1.71	ppb
Silver	107-1	0.02	0.01	0.02	0.02	4.18	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.29	ppb
Sodium	23-2	14369.22	14385.18	14540.30	14431.57	0.65	ppb
Strontium	86-1	10469.49	10820.74	10729.20	10673.14	1.71	ppb
Strontium	88-1	10529.01	10733.12	10517.03	10593.05	1.15	ppb
Sulfur	34-1	375683.72	376084.63	362114.18	371294.18	2.14	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.42	0.41	0.39	0.40	3.37	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:15:51	DataFile Name :	125AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.65	0.59	0.61	0.62	5.01	ppb
Uranium	238-1	0.56	0.54	0.55	0.55	1.52	ppb
Vanadium	51-2	0.11	0.10	0.11	0.11	5.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	10.86	10.09	10.00	10.31	4.58	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	30.91	ppb
Zirconium	91-1	0.03	0.02	0.03	0.02	29.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 19:18:46	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.68	-1.36	-1.24	-1.43		ppb
Antimony	121-1	0.03	0.04	0.04	0.03	14.91	ppb
Arsenic	75-2	3.49	3.19	3.17	3.29	5.44	ppb
Barium	135-1	4.08	3.92	4.08	4.03	2.31	ppb
Barium	137-1	3.98	3.93	4.16	4.02	3.00	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	17.05	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	16.42	17.06	17.79	17.09	4.02	ppb
Boron	11-1	16.85	16.92	17.91	17.23	3.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.00	0.01	0.00		ppb
Cadmium	106-1	-2.24	-0.82	-0.08	-1.05		ppb
Cadmium	108-1	-0.26	-0.16	-0.12	-0.18		ppb
Calcium	43-1	58729.43	59176.54	60067.42	59324.46	1.15	ppb
Calcium	44-1	59739.06	58236.97	58169.69	58715.24	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00		ppb
Cobalt	59-2	0.32	0.31	0.30	0.31	4.08	ppb
Copper	63-2	0.62	0.59	0.57	0.59	4.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	14.30	14.32	13.68	14.10	2.58	ppb
Iron	56-2	13.96	14.54	12.97	13.82	5.77	ppb
Iron	57-2	52.86	59.68	61.12	57.89	7.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 19:18:46	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.06	0.05	15.56	ppb
Lead	207-1	0.06	0.05	0.03	0.05	30.64	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	34997.95	34364.81	33763.82	34375.53	1.80	ppb
Manganese	55-2	35.11	35.84	35.52	35.49	1.02	ppb
Molybdenum	94-1	2.07	2.11	2.15	2.11	1.84	ppb
Molybdenum	95-1	2.54	2.40	2.52	2.49	3.13	ppb
Molybdenum	96-1	2.32	2.35	2.44	2.37	2.78	ppb
Molybdenum	97-1	2.56	2.43	2.58	2.52	3.13	ppb
Molybdenum	98-1	2.47	2.52	2.55	2.51	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.07	1.05	1.05	1.80	ppb
Phosphorus	31-2	-25.13	-20.27	-21.89	-22.43		ppb
Potassium	39-2	1085.82	1114.85	1070.68	1090.45	2.06	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.61	0.98	1.13	0.91	29.79	ppb
Selenium	77-2	0.46	0.90	0.45	0.61	42.54	ppb
Selenium	78-2	-0.39	-0.74	-0.75	-0.62		ppb
Silicon	28-1	142.47	140.43	136.01	139.64	2.36	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.36	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.77	ppb
Sodium	23-2	2970.09	2821.59	2843.66	2878.44	2.78	ppb
Strontium	86-1	2081.23	2087.33	2041.22	2069.93	1.21	ppb
Strontium	88-1	2099.29	2132.13	2085.57	2105.66	1.14	ppb
Sulfur	34-1	70847.43	72441.33	72592.05	71960.27	1.34	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.04	0.03	0.02	0.03	22.94	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 19:18:46	DataFile Name :	126AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.14	0.13	0.12	0.13	7.95	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	4.45	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	21.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	0.92	0.87	1.10	0.96	12.32	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	173.12	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	321.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:21:42	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1907.04	1843.62	1846.26	1865.64	1.92	ppb
Antimony	121-1	98.83	96.38	96.49	97.23	1.42	ppb
Arsenic	75-2	55.31	55.98	55.54	55.61	0.61	ppb
Barium	135-1	1968.54	1868.21	1883.30	1906.68	2.84	ppb
Barium	137-1	1869.43	1787.16	1820.16	1825.58	2.27	ppb
Beryllium	9-1	43.98	43.53	42.86	43.46	1.29	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	43.60	44.64	43.52	43.92	1.42	ppb
Boron	11-1	42.87	44.92	44.11	43.97	2.35	ppb
Bromine	81-1						cps
Cadmium	111-1	47.30	44.99	45.66	45.99	2.58	ppb
Cadmium	106-1	37.87	39.43	36.11	37.80	4.39	ppb
Cadmium	108-1	37.23	39.63	38.71	38.52	3.13	ppb
Calcium	43-1	298782.79	290349.44	300484.82	296539.02	1.83	ppb
Calcium	44-1	294147.28	285239.40	303960.86	294449.18	3.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	182.82	177.71	177.69	179.41	1.65	ppb
Cobalt	59-2	480.29	470.74	477.65	476.23	1.04	ppb
Copper	63-2	228.10	226.01	225.07	226.39	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				103		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	1142.78	1122.28	1130.89	1131.98	0.91	ppb
Iron	56-2	1056.10	1051.82	1030.98	1046.30	1.28	ppb
Iron	57-2	1209.53	1207.08	1192.99	1203.20	0.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:21:42	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.92	18.27	19.14	18.78	2.41	ppb
Lead	207-1	19.82	19.83	19.23	19.63	1.74	ppb
Lead	208-1	19.14	18.92	18.75	18.94	1.02	ppb
Lithium	6-1				100		%
Magnesium	24-2	178407.30	175271.01	165237.17	172971.83	3.98	ppb
Manganese	55-2	618.24	613.95	611.62	614.60	0.55	ppb
Molybdenum	94-1	41.55	40.48	43.83	41.95	4.08	ppb
Molybdenum	95-1	50.67	50.82	53.61	51.70	3.20	ppb
Molybdenum	96-1	48.92	48.58	51.07	49.53	2.73	ppb
Molybdenum	97-1	51.44	50.07	52.27	51.26	2.17	ppb
Molybdenum	98-1	51.64	48.80	52.24	50.89	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	456.27	443.68	452.13	450.69	1.42	ppb
Phosphorus	31-2	-17.70	-25.44	-31.30	-24.82		ppb
Potassium	39-2	5659.20	5538.78	5445.53	5547.84	1.93	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	95.51	95.19	96.81	95.83	0.90	ppb
Selenium	77-2	92.90	104.75	99.17	98.94	5.99	ppb
Selenium	78-2	91.89	96.92	91.01	93.27	3.42	ppb
Silicon	28-1	726.28	712.55	706.82	715.22	1.40	ppb
Silver	107-1	45.50	45.22	46.09	45.60	0.97	ppb
Silver	109-1	45.94	46.12	45.05	45.70	1.25	ppb
Sodium	23-2	14603.47	14261.80	13421.93	14095.74	4.31	ppb
Strontium	86-1	10153.08	10253.42	10779.83	10395.44	3.24	ppb
Strontium	88-1	10172.66	10579.18	10620.64	10457.49	2.37	ppb
Sulfur	34-1	366760.81	358622.31	367692.71	364358.61	1.37	ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	49.96	48.42	47.71	48.70	2.36	ppb
Thallium	205-1	48.98	47.56	49.76	48.77	2.29	ppb
Tin	118-1	0.19	0.15	0.17	0.17	9.75	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:21:42	DataFile Name :	127AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.60	0.58	0.52	0.57	7.65	ppb
Uranium	238-1	0.54	0.55	0.55	0.55	1.05	ppb
Vanadium	51-2	466.87	451.99	449.74	456.20	2.04	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	442.35	443.22	432.53	439.36	1.35	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	14.35	ppb
Zirconium	91-1	0.06	0.05	0.06	0.05	11.19	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:24:35	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.79	1.16	0.82	39.54	ppb
Antimony	121-1	0.08	0.09	0.09	0.09	2.84	ppb
Arsenic	75-2	0.50	0.50	0.55	0.52	5.53	ppb
Barium	135-1	10.68	10.29	10.98	10.65	3.24	ppb
Barium	137-1	10.51	10.21	10.84	10.52	2.99	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	5.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	12.51	12.72	13.17	12.80	2.66	ppb
Boron	11-1	12.98	12.92	14.08	13.33	4.89	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-1.49	-1.79	-1.40	-1.56		ppb
Cadmium	108-1	-0.20	-0.16	-0.10	-0.16		ppb
Calcium	43-1	348409.09	346173.55	339738.33	344773.65	1.31	ppb
Calcium	44-1	355624.35	343200.77	348914.49	349246.54	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.41	0.47	0.45	7.23	ppb
Cobalt	59-2	0.17	0.17	0.17	0.17	0.17	ppb
Copper	63-2	0.19	0.17	0.19	0.18	8.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	7.07	6.75	5.97	6.60	8.61	ppb
Iron	56-2	6.40	6.54	6.67	6.53	2.06	ppb
Iron	57-2	255.17	259.74	272.71	262.54	3.47	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:24:35	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.08	0.11	0.11	20.13	ppb
Lead	207-1	0.08	0.09	0.07	0.08	10.56	ppb
Lead	208-1	0.09	0.08	0.09	0.09	6.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	156113.41	150251.56	157071.53	154478.83	2.39	ppb
Manganese	55-2	8.43	8.01	8.18	8.21	2.59	ppb
Molybdenum	94-1	1.26	1.28	1.30	1.28	1.69	ppb
Molybdenum	95-1	1.59	1.55	1.53	1.56	2.08	ppb
Molybdenum	96-1	1.43	1.46	1.53	1.47	3.45	ppb
Molybdenum	97-1	1.51	1.48	1.58	1.52	3.23	ppb
Molybdenum	98-1	1.47	1.51	1.51	1.50	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.15	1.21	1.16	4.67	ppb
Phosphorus	31-2	31.93	47.37	60.22	46.50	30.46	ppb
Potassium	39-2	423.81	387.36	389.34	400.17	5.12	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	3.71	2.64	2.71	3.02	19.84	ppb
Selenium	77-2	2.31	1.32	1.87	1.83	27.19	ppb
Selenium	78-2	1.08	0.44	1.92	1.15	64.29	ppb
Silicon	28-1	1958.72	1922.55	1898.69	1926.65	1.57	ppb
Silver	107-1	0.04	0.04	0.03	0.04	7.20	ppb
Silver	109-1	0.05	0.03	0.04	0.04	29.35	ppb
Sodium	23-2	26899.14	26297.65	27682.76	26959.85	2.58	ppb
Strontium	86-1	1817.60	1840.57	1859.46	1839.21	1.14	ppb
Strontium	88-1	1831.82	1847.81	1876.97	1852.20	1.24	ppb
Sulfur	34-1	418563.70	427157.08	430953.25	425558.01	1.49	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	1154.54	ppb
Tin	118-1	0.10	0.07	0.08	0.08	19.20	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:24:35	DataFile Name :	128AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.02	1.16	1.16	1.11	6.88	ppb
Uranium	238-1	0.39	0.36	0.37	0.37	3.92	ppb
Vanadium	51-2	0.72	0.71	0.75	0.73	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1.26	1.02	1.26	1.18	11.81	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	29.37	ppb
Zirconium	91-1	0.00	0.02	0.02	0.02	63.94	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:27:32	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	0.90	1.16	0.99	14.60	ppb
Antimony	121-1	0.08	0.07	0.06	0.07	8.35	ppb
Arsenic	75-2	0.52	0.49	0.53	0.51	4.40	ppb
Barium	135-1	10.53	10.50	10.89	10.64	2.01	ppb
Barium	137-1	10.69	10.25	10.02	10.32	3.32	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	31.13	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	11.97	11.02	11.12	11.37	4.56	ppb
Boron	11-1	12.31	11.20	11.51	11.67	4.92	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.01	0.04	0.00	2967.23	ppb
Cadmium	106-1	-2.49	-0.69	0.37	-0.94		ppb
Cadmium	108-1	-0.05	-0.17	-0.25	-0.16		ppb
Calcium	43-1	344422.77	350925.78	360089.92	351812.82	2.24	ppb
Calcium	44-1	345846.12	348790.55	351130.62	348589.10	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.28	0.27	0.28	1.97	ppb
Cobalt	59-2	0.16	0.14	0.16	0.15	8.70	ppb
Copper	63-2	0.14	0.19	0.19	0.17	15.62	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				103		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	7.90	6.68	7.76	7.45	8.97	ppb
Iron	56-2	7.19	7.08	7.25	7.17	1.21	ppb
Iron	57-2	253.96	268.53	270.82	264.44	3.46	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:27:32	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.34	0.33	0.35	0.34	3.93	ppb
Lead	207-1	0.30	0.29	0.34	0.31	7.53	ppb
Lead	208-1	0.32	0.32	0.34	0.33	3.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	153783.94	162029.44	154096.11	156636.50	2.98	ppb
Manganese	55-2	10.02	9.85	10.09	9.99	1.27	ppb
Molybdenum	94-1	1.31	1.22	1.34	1.29	4.98	ppb
Molybdenum	95-1	1.53	1.47	1.58	1.53	3.69	ppb
Molybdenum	96-1	1.54	1.47	1.43	1.48	3.64	ppb
Molybdenum	97-1	1.65	1.62	1.66	1.64	1.38	ppb
Molybdenum	98-1	1.60	1.69	1.47	1.59	6.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.07	1.10	1.13	6.95	ppb
Phosphorus	31-2	47.76	46.54	61.61	51.97	16.11	ppb
Potassium	39-2	412.00	410.04	435.37	419.14	3.36	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	3.37	3.50	2.89	3.25	9.94	ppb
Selenium	77-2	1.36	0.47	2.34	1.39	67.48	ppb
Selenium	78-2	0.08	1.94	0.71	0.91	103.87	ppb
Silicon	28-1	1918.72	1901.22	1987.52	1935.82	2.36	ppb
Silver	107-1	0.02	0.02	0.01	0.02	9.48	ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.79	ppb
Sodium	23-2	26469.82	27940.23	27414.17	27274.74	2.73	ppb
Strontium	86-1	1941.56	1860.85	1814.18	1872.20	3.44	ppb
Strontium	88-1	1894.89	1864.07	1831.31	1863.42	1.71	ppb
Sulfur	34-1	426247.90	418881.48	432170.54	425766.64	1.56	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.12	0.10	0.09	0.11	11.34	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:27:32	DataFile Name :	129AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.18	1.22	1.04	1.15	8.09	ppb
Uranium	238-1	0.37	0.37	0.40	0.38	5.14	ppb
Vanadium	51-2	0.69	0.69	0.70	0.69	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1.39	1.45	1.27	1.37	6.72	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	34.02	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	83.20	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:30:26	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.34	4.59	4.69	4.54	4.00	ppb
Antimony	121-1	0.33	0.29	0.34	0.32	8.77	ppb
Arsenic	75-2	10.80	12.04	11.53	11.46	5.45	ppb
Barium	135-1	27.90	27.64	27.14	27.56	1.40	ppb
Barium	137-1	28.51	26.95	26.82	27.43	3.43	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	57.04	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	44.36	50.61	47.35	47.44	6.59	ppb
Boron	11-1	47.28	51.20	47.62	48.70	4.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.04	0.00	0.02	84.81	ppb
Cadmium	106-1	-1.85	-1.79	-2.48	-2.04		ppb
Cadmium	108-1	-0.21	-0.21	-0.23	-0.21		ppb
Calcium	43-1	312547.42	303140.87	312308.37	309332.22	1.73	ppb
Calcium	44-1	309550.96	296026.00	299825.68	301800.88	2.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.40	2.50	2.42	2.44	2.10	ppb
Cobalt	59-2	4.01	4.09	3.84	3.98	3.16	ppb
Copper	63-2	0.93	1.05	0.93	0.97	7.17	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				105		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	201.34	208.22	196.10	201.89	3.01	ppb
Iron	56-2	202.01	206.32	204.50	204.28	1.06	ppb
Iron	57-2	421.83	434.22	434.27	430.11	1.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:30:26	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.12	0.11	0.12	15.63	ppb
Lead	207-1	0.08	0.11	0.07	0.09	23.75	ppb
Lead	208-1	0.11	0.10	0.10	0.11	8.20	ppb
Lithium	6-1				96		%
Magnesium	24-2	212284.47	209392.29	202343.38	208006.71	2.46	ppb
Manganese	55-2	150.93	154.53	151.54	152.33	1.27	ppb
Molybdenum	94-1	2.77	2.90	2.90	2.85	2.69	ppb
Molybdenum	95-1	3.45	3.48	3.39	3.44	1.27	ppb
Molybdenum	96-1	3.23	3.29	3.31	3.28	1.33	ppb
Molybdenum	97-1	3.47	3.40	3.48	3.45	1.22	ppb
Molybdenum	98-1	3.35	3.50	3.49	3.45	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.66	7.61	7.59	7.62	0.51	ppb
Phosphorus	31-2	-6.76	-22.11	-14.16	-14.34		ppb
Potassium	39-2	5530.13	5658.86	5334.12	5507.70	2.97	ppb
Rhodium	103-1				95		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	2.00	1.95	2.49	2.15	13.90	ppb
Selenium	77-2	1.24	0.00	0.42	0.55	113.48	ppb
Selenium	78-2	0.09	0.50	-0.91	-0.11		ppb
Silicon	28-1	628.97	631.53	631.14	630.55	0.22	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.95	ppb
Silver	109-1	0.01	0.02	0.01	0.01	28.11	ppb
Sodium	23-2	16119.80	16329.17	16079.63	16176.20	0.83	ppb
Strontium	86-1	10718.88	10712.24	10968.57	10799.90	1.35	ppb
Strontium	88-1	10577.58	10641.39	10930.19	10716.39	1.75	ppb
Sulfur	34-1	425863.99	414258.61	419399.24	419840.61	1.39	ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	-0.01	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb
Tin	118-1	0.09	0.10	0.10	0.09	8.10	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:30:26	DataFile Name :	130AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.56	0.55	0.65	0.59	9.69	ppb
Uranium	238-1	0.96	0.94	0.95	0.95	1.37	ppb
Vanadium	51-2	0.17	0.14	0.14	0.15	9.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	5.96	5.49	5.55	5.67	4.51	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	13.57	ppb
Zirconium	91-1	0.04	0.04	0.03	0.04	6.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:33:23	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.02	1.22	1.27	1.17	11.17	ppb
Antimony	121-1	0.09	0.07	0.07	0.08	15.11	ppb
Arsenic	75-2	13.87	13.86	13.68	13.80	0.79	ppb
Barium	135-1	30.04	29.58	30.61	30.08	1.70	ppb
Barium	137-1	29.61	29.61	30.47	29.89	1.66	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	26.91	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	48.32	47.76	52.54	49.54	5.28	ppb
Boron	11-1	48.88	50.06	53.46	50.80	4.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	0.02	0.01	248.37	ppb
Cadmium	106-1	-0.83	-0.83	-0.06	-0.57		ppb
Cadmium	108-1	-0.18	-0.18	-0.20	-0.19		ppb
Calcium	43-1	362720.46	348789.46	340312.39	350607.43	3.23	ppb
Calcium	44-1	357103.77	343651.00	345286.75	348680.51	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.50	1.57	1.59	1.56	2.96	ppb
Cobalt	59-2	2.80	2.78	2.73	2.77	1.20	ppb
Copper	63-2	0.81	0.89	0.80	0.83	6.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	54-2	50.47	48.42	49.17	49.36	2.10	ppb
Iron	56-2	50.15	49.68	48.97	49.60	1.20	ppb
Iron	57-2	295.39	315.07	308.30	306.25	3.26	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:33:23	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.22	0.21	4.02	ppb
Lead	207-1	0.19	0.18	0.20	0.19	4.34	ppb
Lead	208-1	0.18	0.19	0.19	0.19	2.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	198506.00	190441.22	203778.71	197575.31	3.40	ppb
Manganese	55-2	1466.30	1507.43	1505.80	1493.18	1.56	ppb
Molybdenum	94-1	0.52	0.48	0.56	0.52	7.45	ppb
Molybdenum	95-1	0.61	0.63	0.67	0.64	5.52	ppb
Molybdenum	96-1	0.58	0.54	0.55	0.55	4.05	ppb
Molybdenum	97-1	0.60	0.57	0.58	0.58	2.71	ppb
Molybdenum	98-1	0.56	0.54	0.56	0.55	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.51	5.35	5.35	5.40	1.72	ppb
Phosphorus	31-2	-18.77	-17.31	-22.16	-19.41		ppb
Potassium	39-2	4823.31	4860.14	4758.70	4814.05	1.07	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.32	3.00	2.73	2.02	73.20	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	-1.21	-0.90	-0.79		ppb
Silicon	28-1	1089.11	1014.52	1110.04	1071.23	4.69	ppb
Silver	107-1	0.01	0.01	0.01	0.01	1.18	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.77	ppb
Sodium	23-2	21567.61	20667.00	21451.52	21228.71	2.31	ppb
Strontium	86-1	10256.39	10536.58	10647.55	10480.17	1.92	ppb
Strontium	88-1	10438.99	10775.63	10855.69	10690.11	2.07	ppb
Sulfur	34-1	435930.51	420183.58	416617.87	424243.99	2.42	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.16	0.11	0.15	0.14	19.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:33:23	DataFile Name :	131AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.74	0.73	0.62	0.69	9.81	ppb
Uranium	238-1	0.45	0.47	0.48	0.47	2.99	ppb
Vanadium	51-2	0.04	0.04	0.05	0.04	19.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1.68	1.29	1.52	1.49	13.24	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	23.45	ppb
Zirconium	91-1	0.02	0.05	0.04	0.04	36.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:36:18	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	0.97	1.17	0.98	18.21	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	5.08	ppb
Arsenic	75-2	14.35	13.87	14.07	14.09	1.73	ppb
Barium	135-1	29.59	29.44	30.09	29.71	1.16	ppb
Barium	137-1	29.03	30.22	30.28	29.84	2.37	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	41.17	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	46.46	48.61	52.68	49.25	6.41	ppb
Boron	11-1	49.54	50.86	56.36	52.25	6.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	-2.29	-1.13	-1.95	-1.79		ppb
Cadmium	108-1	-0.24	-0.15	-0.28	-0.22		ppb
Calcium	43-1	344032.41	365789.84	368769.61	359530.62	3.76	ppb
Calcium	44-1	333827.38	361250.63	357209.39	350762.47	4.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.70	0.65	0.61	0.65	6.98	ppb
Cobalt	59-2	2.78	2.69	2.71	2.72	1.72	ppb
Copper	63-2	0.64	0.61	0.60	0.62	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	41.60	41.47	42.51	41.86	1.34	ppb
Iron	56-2	43.31	42.70	42.08	42.70	1.45	ppb
Iron	57-2	289.59	311.32	305.95	302.29	3.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:36:18	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.12	0.16	0.15	12.78	ppb
Lead	207-1	0.12	0.14	0.11	0.12	13.29	ppb
Lead	208-1	0.13	0.13	0.13	0.13	1.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	201345.77	189821.07	193202.41	194789.75	3.04	ppb
Manganese	55-2	1490.05	1483.77	1473.47	1482.43	0.56	ppb
Molybdenum	94-1	0.47	0.44	0.54	0.48	11.09	ppb
Molybdenum	95-1	0.64	0.60	0.56	0.60	6.26	ppb
Molybdenum	96-1	0.52	0.51	0.51	0.52	1.43	ppb
Molybdenum	97-1	0.57	0.58	0.53	0.56	4.66	ppb
Molybdenum	98-1	0.54	0.54	0.57	0.55	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.70	5.71	5.57	5.66	1.40	ppb
Phosphorus	31-2	-16.24	-32.24	-30.73	-26.40		ppb
Potassium	39-2	4881.38	4798.93	4687.70	4789.33	2.03	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	1.88	2.71	2.08	2.22	19.46	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.01	-1.56	-0.39	-0.99		ppb
Silicon	28-1	1065.41	1101.81	1091.26	1086.16	1.72	ppb
Silver	107-1	0.01	0.02	0.01	0.02	39.30	ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.81	ppb
Sodium	23-2	20994.22	20737.76	20878.51	20870.16	0.62	ppb
Strontium	86-1	10358.68	10408.62	10705.98	10491.09	1.79	ppb
Strontium	88-1	10664.35	10233.47	10747.79	10548.54	2.62	ppb
Sulfur	34-1	422425.02	426104.85	435528.59	428019.49	1.58	ppb
Terbium	159-1				104		%
Terbium	159-2				111		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.10	0.12	0.11	0.11	8.82	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:36:18	DataFile Name :	132AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.68	0.63	0.64	0.65	3.95	ppb
Uranium	238-1	0.44	0.48	0.46	0.46	4.53	ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	4.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	1.57	1.33	1.58	1.50	9.70	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	18.96	ppb
Zirconium	91-1	0.03	0.03	0.06	0.04	45.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:39:15	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.43	1.76	1.96	1.72	15.54	ppb
Antimony	121-1	0.15	0.14	0.15	0.15	5.14	ppb
Arsenic	75-2	17.60	18.14	17.46	17.73	2.01	ppb
Barium	135-1	20.30	20.51	20.64	20.48	0.84	ppb
Barium	137-1	20.26	20.25	20.13	20.21	0.38	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	22.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	43.48	43.51	49.25	45.41	7.32	ppb
Boron	11-1	45.01	45.36	50.28	46.88	6.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.01	0.01	54.43	ppb
Cadmium	106-1	-0.80	-0.77	-0.65	-0.74		ppb
Cadmium	108-1	-0.24	-0.18	-0.16	-0.19		ppb
Calcium	43-1	291728.97	295048.40	302330.88	296369.41	1.83	ppb
Calcium	44-1	288781.94	296576.00	311707.56	299021.83	3.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.08	0.06	0.06	34.80	ppb
Cobalt	59-2	1.56	1.61	1.50	1.56	3.31	ppb
Copper	63-2	1.74	1.70	1.76	1.73	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				111		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	20.77	22.66	22.45	21.96	4.71	ppb
Iron	56-2	21.10	22.16	21.47	21.57	2.48	ppb
Iron	57-2	221.20	246.01	257.79	241.67	7.73	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:39:15	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.09	0.10	11.45	ppb
Lead	207-1	0.09	0.07	0.08	0.08	15.23	ppb
Lead	208-1	0.09	0.08	0.09	0.09	6.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	166422.66	171818.37	171990.97	170077.33	1.86	ppb
Manganese	55-2	218.96	226.10	220.10	221.72	1.73	ppb
Molybdenum	94-1	2.38	2.33	2.36	2.36	1.14	ppb
Molybdenum	95-1	2.80	2.95	2.91	2.89	2.65	ppb
Molybdenum	96-1	2.76	2.79	2.65	2.73	2.56	ppb
Molybdenum	97-1	2.86	2.83	2.69	2.79	3.34	ppb
Molybdenum	98-1	2.85	2.92	2.85	2.88	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.40	5.32	5.28	5.33	1.13	ppb
Phosphorus	31-2	-20.19	-29.04	-7.71	-18.98		ppb
Potassium	39-2	5321.86	6047.52	5356.96	5575.45	7.34	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	1.81	2.44	1.52	1.92	24.43	ppb
Selenium	77-2	0.83	1.28	0.00	0.70	92.12	ppb
Selenium	78-2	-0.14	-0.68	-0.20	-0.34		ppb
Silicon	28-1	677.89	733.82	733.21	714.97	4.49	ppb
Silver	107-1	0.02	0.02	0.01	0.02	27.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.33	ppb
Sodium	23-2	13640.43	14047.91	14344.06	14010.80	2.52	ppb
Strontium	86-1	10467.18	10377.22	10667.42	10503.94	1.41	ppb
Strontium	88-1	10605.27	10554.08	10476.78	10545.38	0.61	ppb
Sulfur	34-1	356798.75	361519.28	380134.33	366150.79	3.37	ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.07	0.10	0.06	0.08	25.23	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:39:15	DataFile Name :	133AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.56	0.56	0.55	0.56	1.50	ppb
Uranium	238-1	0.59	0.52	0.55	0.55	6.08	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	8.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	2.72	2.87	2.99	2.86	4.79	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	14.72	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	34.47	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:42:10	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.92	12.69	12.59	12.73	1.34	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.69	ppb
Arsenic	75-2	9.54	9.67	9.45	9.55	1.16	ppb
Barium	135-1	11.46	12.00	11.53	11.66	2.53	ppb
Barium	137-1	11.73	11.68	11.04	11.48	3.36	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	62.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	30.41	31.67	32.00	31.36	2.68	ppb
Boron	11-1	32.08	32.12	33.62	32.61	2.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	-0.03	-0.02		ppb
Cadmium	106-1	-1.82	-1.43	-1.83	-1.70		ppb
Cadmium	108-1	-0.24	-0.24	-0.17	-0.22		ppb
Calcium	43-1	183901.19	173086.60	181885.83	179624.54	3.20	ppb
Calcium	44-1	184674.71	175565.65	182967.93	181069.43	2.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.56	0.55	0.54	0.55	1.76	ppb
Cobalt	59-2	1.32	1.28	1.31	1.30	1.79	ppb
Copper	63-2	0.21	0.22	0.22	0.21	3.64	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				112		%
Holmium	165-2				112		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	1400.39	1403.17	1387.66	1397.07	0.59	ppb
Iron	56-2	1505.82	1438.66	1458.12	1467.53	2.35	ppb
Iron	57-2	1564.70	1502.87	1546.34	1537.97	2.06	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:42:10	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.12	0.12	8.00	ppb
Lead	207-1	0.11	0.10	0.12	0.11	12.71	ppb
Lead	208-1	0.12	0.10	0.13	0.12	9.93	ppb
Lithium	6-1				106		%
Magnesium	24-2	112456.29	111747.58	108925.94	111043.27	1.68	ppb
Manganese	55-2	1452.52	1414.19	1453.42	1440.04	1.56	ppb
Molybdenum	94-1	0.84	0.83	0.91	0.86	4.84	ppb
Molybdenum	95-1	0.99	1.10	1.05	1.04	5.40	ppb
Molybdenum	96-1	0.95	0.96	1.05	0.98	5.73	ppb
Molybdenum	97-1	0.99	1.05	1.04	1.03	3.47	ppb
Molybdenum	98-1	1.00	0.97	1.02	1.00	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.91	3.77	3.85	3.84	1.73	ppb
Phosphorus	31-2	27.84	12.27	12.42	17.51	51.10	ppb
Potassium	39-2	1116.01	1092.57	1105.69	1104.76	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	1.14	1.88	0.74	1.25	46.07	ppb
Selenium	77-2	0.43	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	-0.35	-0.68	-0.49	-0.51		ppb
Silicon	28-1	1706.47	1617.88	1711.92	1678.76	3.14	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.49	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.48	ppb
Sodium	23-2	20261.07	20274.37	19549.91	20028.45	2.07	ppb
Strontium	86-1	1502.98	1530.03	1468.58	1500.53	2.05	ppb
Strontium	88-1	1481.47	1461.20	1507.56	1483.41	1.57	ppb
Sulfur	34-1	190545.87	185436.82	191207.44	189063.38	1.67	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.14	0.15	0.13	0.14	7.49	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:42:10	DataFile Name :	134AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.73	1.54	1.74	1.67	6.71	ppb
Uranium	238-1	0.67	0.67	0.70	0.68	2.73	ppb
Vanadium	51-2	0.16	0.23	0.21	0.20	18.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	1.27	1.41	1.25	1.31	6.54	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.99	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	19.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:45:06	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.19	1.48	1.57	1.41	14.06	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	24.14	ppb
Arsenic	75-2	10.05	9.34	9.61	9.67	3.73	ppb
Barium	135-1	10.66	11.16	10.96	10.93	2.32	ppb
Barium	137-1	11.18	10.92	11.11	11.07	1.19	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	28.68	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	32.72	31.13	32.02	31.96	2.49	ppb
Boron	11-1	33.28	31.98	33.10	32.79	2.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-0.96	-1.07	-1.08	-1.03		ppb
Cadmium	108-1	-0.30	-0.18	-0.21	-0.23		ppb
Calcium	43-1	177578.00	187725.18	180683.01	181995.40	2.86	ppb
Calcium	44-1	179972.81	188109.41	182126.35	183402.85	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.27	0.29	0.28	5.20	ppb
Cobalt	59-2	1.35	1.28	1.26	1.30	3.71	ppb
Copper	63-2	0.14	0.13	0.11	0.13	13.54	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				112		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	1420.49	1422.68	1365.36	1402.84	2.32	ppb
Iron	56-2	1479.49	1456.88	1462.93	1466.44	0.80	ppb
Iron	57-2	1516.76	1504.52	1527.36	1516.21	0.75	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:45:06	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.13	0.10	0.11	18.30	ppb
Lead	207-1	0.08	0.09	0.10	0.09	6.55	ppb
Lead	208-1	0.10	0.11	0.10	0.10	2.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	115229.99	115561.58	108964.66	113252.08	3.28	ppb
Manganese	55-2	1461.06	1464.38	1426.51	1450.65	1.45	ppb
Molybdenum	94-1	0.73	0.78	0.86	0.79	8.44	ppb
Molybdenum	95-1	1.05	1.10	1.14	1.09	4.08	ppb
Molybdenum	96-1	0.94	0.94	0.96	0.95	1.21	ppb
Molybdenum	97-1	0.88	1.01	1.01	0.97	7.82	ppb
Molybdenum	98-1	0.90	0.97	0.99	0.95	5.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.60	3.38	3.35	3.45	3.93	ppb
Phosphorus	31-2	12.08	-2.27	9.07	6.29	120.27	ppb
Potassium	39-2	1121.99	1157.13	1073.66	1117.59	3.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	1.69	0.74	1.79	1.41	41.37	ppb
Selenium	77-2	0.00	0.00	0.43	0.14	173.21	ppb
Selenium	78-2	-0.75	-0.30	-0.98	-0.68		ppb
Silicon	28-1	1727.40	1729.75	1718.05	1725.07	0.36	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.51	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.85	ppb
Sodium	23-2	20639.85	20896.95	19689.10	20408.63	3.12	ppb
Strontium	86-1	1441.64	1456.48	1427.84	1441.99	0.99	ppb
Strontium	88-1	1417.26	1474.24	1470.41	1453.97	2.19	ppb
Sulfur	34-1	195397.52	204598.02	196136.05	198710.53	2.57	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.08	0.08	0.08	0.08	1.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:45:06	DataFile Name :	135AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.12	1.21	0.99	1.10	10.18	ppb
Uranium	238-1	0.65	0.68	0.69	0.67	2.86	ppb
Vanadium	51-2	0.15	0.16	0.13	0.15	8.40	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	5.09	4.87	4.48	4.81	6.41	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.03	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	23.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-15	Instrumnet Name :	P8
Client Sample ID :	YAZ62	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:47:59	DataFile Name :	136AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.72	-0.50	-0.59	-0.61		ppb
Antimony	121-1	0.03	0.03	0.02	0.03	27.47	ppb
Arsenic	75-2	0.83	0.81	0.88	0.84	4.31	ppb
Barium	135-1	13.94	13.14	13.10	13.39	3.55	ppb
Barium	137-1	13.61	13.05	12.65	13.10	3.65	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	20.51	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	14.57	14.61	15.04	14.74	1.79	ppb
Boron	11-1	15.32	15.09	16.38	15.60	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.05	-0.02	-0.03		ppb
Cadmium	106-1	-0.98	-2.59	-1.37	-1.65		ppb
Cadmium	108-1	-0.13	-0.14	-0.23	-0.16		ppb
Calcium	43-1	36033.05	36000.36	33804.41	35279.27	3.62	ppb
Calcium	44-1	35633.96	34349.79	34004.13	34662.63	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.27	0.25	0.24	13.21	ppb
Cobalt	59-2	0.09	0.10	0.09	0.09	5.49	ppb
Copper	63-2	0.82	0.87	0.84	0.84	3.20	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				108		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	6.52	6.83	6.74	6.69	2.36	ppb
Iron	56-2	6.04	6.13	6.04	6.07	0.88	ppb
Iron	57-2	29.85	31.80	32.51	31.39	4.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-15	Instrumnet Name :	P8
Client Sample ID :	YAZ62	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:47:59	DataFile Name :	136AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.05	0.05	19.02	ppb
Lead	207-1	0.05	0.04	0.03	0.04	29.06	ppb
Lead	208-1	0.06	0.04	0.04	0.04	22.58	ppb
Lithium	6-1				103		%
Magnesium	24-2	21576.18	21349.93	20591.56	21172.56	2.44	ppb
Manganese	55-2	9.24	9.52	9.11	9.29	2.25	ppb
Molybdenum	94-1	0.28	0.24	0.26	0.26	6.76	ppb
Molybdenum	95-1	0.33	0.28	0.30	0.30	8.71	ppb
Molybdenum	96-1	0.28	0.27	0.28	0.28	1.96	ppb
Molybdenum	97-1	0.29	0.28	0.32	0.30	6.34	ppb
Molybdenum	98-1	0.33	0.28	0.26	0.29	12.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.47	0.44	0.45	3.00	ppb
Phosphorus	31-2	-3.03	-2.78	-3.52	-3.11		ppb
Potassium	39-2	133.64	126.61	127.98	129.41	2.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.24	1.20	2.05	1.16	77.69	ppb
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	-0.53	-1.12	-0.40	-0.68		ppb
Silicon	28-1	1576.90	1601.79	1535.68	1571.46	2.12	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.63	ppb
Sodium	23-2	12692.56	12704.45	12007.16	12468.06	3.20	ppb
Strontium	86-1	151.68	149.34	142.52	147.85	3.22	ppb
Strontium	88-1	149.64	141.76	139.18	143.53	3.80	ppb
Sulfur	34-1	27047.43	28025.74	25914.89	26996.02	3.91	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.09	0.06	0.06	0.07	20.95	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-15	Instrumnet Name :	P8
Client Sample ID :	YAZ62	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:47:59	DataFile Name :	136AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.81	0.81	0.78	0.80	1.85	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.52	ppb
Vanadium	51-2	1.58	1.58	1.61	1.59	1.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	2.93	3.24	2.97	3.05	5.51	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	581.94	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	71.12	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-16	Instrumnet Name :	P8
Client Sample ID :	YAZ64	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:50:57	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.23	1.41	1.62	1.42	13.71	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	22.09	ppb
Arsenic	75-2	0.71	0.67	0.74	0.71	5.15	ppb
Barium	135-1	29.37	28.42	28.78	28.86	1.66	ppb
Barium	137-1	29.69	27.96	28.30	28.65	3.21	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	54.09	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	13.67	13.93	14.17	13.92	1.80	ppb
Boron	11-1	14.04	14.55	14.85	14.48	2.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.05	-0.04	-0.03		ppb
Cadmium	106-1	-0.32	-2.65	-2.28	-1.75		ppb
Cadmium	108-1	-0.17	-0.16	-0.28	-0.21		ppb
Calcium	43-1	34316.88	33547.48	33840.55	33901.64	1.15	ppb
Calcium	44-1	33971.12	33241.43	32785.44	33332.66	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.05	0.06	0.06	11.60	ppb
Cobalt	59-2	0.33	0.33	0.34	0.33	1.87	ppb
Copper	63-2	0.56	0.59	0.62	0.59	4.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	21.74	21.17	20.88	21.27	2.07	ppb
Iron	56-2	21.20	21.01	20.24	20.82	2.45	ppb
Iron	57-2	43.65	47.46	51.41	47.51	8.17	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-16	Instrumnet Name :	P8
Client Sample ID :	YAZ64	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:50:57	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.10	0.09	17.21	ppb
Lead	207-1	0.05	0.05	0.06	0.05	14.08	ppb
Lead	208-1	0.07	0.05	0.07	0.06	16.75	ppb
Lithium	6-1				105		%
Magnesium	24-2	19858.74	19702.97	20329.56	19963.75	1.63	ppb
Manganese	55-2	97.32	100.00	97.47	98.26	1.53	ppb
Molybdenum	94-1	0.28	0.26	0.33	0.29	12.48	ppb
Molybdenum	95-1	0.40	0.37	0.37	0.38	4.73	ppb
Molybdenum	96-1	0.33	0.37	0.39	0.36	7.45	ppb
Molybdenum	97-1	0.44	0.34	0.41	0.40	13.22	ppb
Molybdenum	98-1	0.36	0.35	0.39	0.37	6.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.27	0.31	0.28	8.82	ppb
Phosphorus	31-2	-24.48	-11.21	-10.90	-15.53		ppb
Potassium	39-2	480.86	486.06	493.19	486.70	1.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	-0.02	1.18	0.60	0.59	102.71	ppb
Selenium	77-2	0.00	0.44	0.44	0.29	86.61	ppb
Selenium	78-2	-1.13	-1.12	-0.45	-0.90		ppb
Silicon	28-1	1537.29	1509.32	1476.88	1507.83	2.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.60	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.33	ppb
Sodium	23-2	12081.12	12063.44	12268.79	12137.78	0.94	ppb
Strontium	86-1	143.06	143.76	144.02	143.61	0.35	ppb
Strontium	88-1	145.85	143.74	142.23	143.94	1.26	ppb
Sulfur	34-1	26810.51	26785.38	26371.72	26655.87	0.92	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.08	0.09	0.07	0.08	9.50	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-16	Instrumnet Name :	P8
Client Sample ID :	YAZ64	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:50:57	DataFile Name :	137AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.88	0.87	0.93	0.90	3.78	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.15	ppb
Vanadium	51-2	4.38	4.62	4.50	4.50	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.61	0.66	0.80	0.69	14.15	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	181.04	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	30.42	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:53:52	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.33	0.55	0.40	31.29	ppb
Antimony	121-1	0.15	0.16	0.18	0.16	8.50	ppb
Arsenic	75-2	189.24	197.64	204.00	196.96	3.76	ppb
Barium	135-1	25.63	28.76	27.60	27.33	5.80	ppb
Barium	137-1	25.82	29.39	27.24	27.48	6.54	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	27.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	50.62	53.04	59.90	54.52	8.83	ppb
Boron	11-1	53.33	55.60	61.46	56.80	7.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.00	-0.03	-0.03		ppb
Cadmium	106-1	-2.64	-0.96	-2.08	-1.89		ppb
Cadmium	108-1	-0.18	-0.14	-0.13	-0.15		ppb
Calcium	43-1	317062.22	335231.39	328714.05	327002.55	2.81	ppb
Calcium	44-1	309300.09	322993.71	324714.25	319002.68	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.15	0.15	0.19	0.16	13.05	ppb
Cobalt	59-2	2.30	2.40	2.51	2.40	4.39	ppb
Copper	63-2	0.38	0.40	0.39	0.39	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				114		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	6571.76	7046.17	7246.55	6954.83	4.98	ppb
Iron	56-2	6790.97	7142.78	7534.12	7155.96	5.19	ppb
Iron	57-2	6844.30	7128.71	7548.32	7173.78	4.94	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:53:52	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.11	0.12	10.00	ppb
Lead	207-1	0.09	0.12	0.09	0.10	16.64	ppb
Lead	208-1	0.12	0.12	0.10	0.11	7.41	ppb
Lithium	6-1				103		%
Magnesium	24-2	185585.43	205022.57	214182.60	201596.87	7.24	ppb
Manganese	55-2	326.38	340.74	359.09	342.07	4.79	ppb
Molybdenum	94-1	4.42	4.34	4.38	4.38	0.91	ppb
Molybdenum	95-1	5.46	5.38	5.44	5.43	0.78	ppb
Molybdenum	96-1	5.27	5.39	5.53	5.40	2.48	ppb
Molybdenum	97-1	5.53	5.18	5.28	5.33	3.47	ppb
Molybdenum	98-1	5.21	5.26	5.23	5.23	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.03	6.21	6.49	6.24	3.79	ppb
Phosphorus	31-2	-17.85	-5.07	-13.78	-12.23		ppb
Potassium	39-2	2723.39	2833.32	2910.56	2822.43	3.33	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	1.86	1.57	1.45	1.63	12.93	ppb
Selenium	77-2	0.44	0.46	0.00	0.30	86.67	ppb
Selenium	78-2	-0.64	-0.18	-0.32	-0.38		ppb
Silicon	28-1	1421.06	1461.27	1418.43	1433.59	1.67	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.20	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.73	ppb
Sodium	23-2	35126.26	37939.23	39721.89	37595.79	6.16	ppb
Strontium	86-1	7352.27	7585.82	7340.50	7426.20	1.86	ppb
Strontium	88-1	7211.44	7681.89	7561.03	7484.79	3.26	ppb
Sulfur	34-1	379320.59	399098.19	380537.15	386318.64	2.87	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.08	0.11	0.08	0.09	21.51	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:53:52	DataFile Name :	138AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.99	0.87	0.85	0.91	8.47	ppb
Uranium	238-1	1.78	1.85	1.84	1.82	2.11	ppb
Vanadium	51-2	0.05	0.08	0.06	0.06	20.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				99		%
Zinc	66-2	4.20	4.95	4.98	4.71	9.42	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	9.99	ppb
Zirconium	91-1	0.08	0.07	0.08	0.08	7.08	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:56:51	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.59	-0.74	-0.87	-0.73		ppb
Antimony	121-1	0.08	0.07	0.06	0.07	14.65	ppb
Arsenic	75-2	17.18	16.89	17.32	17.13	1.28	ppb
Barium	135-1	42.09	37.54	38.22	39.28	6.26	ppb
Barium	137-1	43.53	38.51	39.43	40.49	6.60	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	19.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	69.03	62.28	66.45	65.92	5.17	ppb
Boron	11-1	71.02	63.83	68.99	67.95	5.46	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.05	-0.01	-0.02		ppb
Cadmium	106-1	-0.82	-2.53	-1.06	-1.47		ppb
Cadmium	108-1	-0.13	-0.04	-0.21	-0.13		ppb
Calcium	43-1	386432.21	389754.57	379637.26	385274.68	1.34	ppb
Calcium	44-1	388017.56	393274.14	386762.65	389351.45	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.07	0.03	0.05	56.79	ppb
Cobalt	59-2	9.46	9.40	9.69	9.52	1.61	ppb
Copper	63-2	0.58	0.55	0.57	0.57	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				109		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	1096.22	1082.47	1073.34	1084.01	1.06	ppb
Iron	56-2	1144.08	1142.89	1136.15	1141.04	0.37	ppb
Iron	57-2	1323.25	1367.26	1372.58	1354.36	2.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:56:51	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.08	0.09	17.59	ppb
Lead	207-1	0.08	0.07	0.08	0.08	5.32	ppb
Lead	208-1	0.10	0.08	0.09	0.09	10.77	ppb
Lithium	6-1				98		%
Magnesium	24-2	192358.40	188383.29	192399.91	191047.20	1.21	ppb
Manganese	55-2	2413.59	2309.67	2309.00	2344.08	2.57	ppb
Molybdenum	94-1	0.98	0.93	1.00	0.97	3.71	ppb
Molybdenum	95-1	1.34	1.13	1.25	1.24	8.27	ppb
Molybdenum	96-1	1.12	1.09	1.18	1.13	4.14	ppb
Molybdenum	97-1	1.20	1.07	1.20	1.16	6.41	ppb
Molybdenum	98-1	1.11	1.08	1.10	1.09	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.53	7.25	7.12	7.30	2.82	ppb
Phosphorus	31-2	-26.39	-32.10	-17.20	-25.23		ppb
Potassium	39-2	3560.02	3585.93	3564.86	3570.27	0.39	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	2.85	1.32	1.98	2.05	37.48	ppb
Selenium	77-2	0.42	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	0.27	-1.51	-0.83	-0.69		ppb
Silicon	28-1	1245.19	1208.53	1242.56	1232.10	1.66	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.92	ppb
Silver	109-1	0.01	0.01	0.00	0.01	48.82	ppb
Sodium	23-2	27793.27	28037.15	27815.18	27881.87	0.48	ppb
Strontium	86-1	10330.31	9355.17	9849.85	9845.11	4.95	ppb
Strontium	88-1	10407.06	9577.74	9581.88	9855.56	4.85	ppb
Sulfur	34-1	453289.58	445963.98	444780.16	448011.24	1.03	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.06	0.07	0.04	0.05	28.17	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:56:51	DataFile Name :	139AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.84	0.83	0.84	0.84	0.51	ppb
Uranium	238-1	0.59	0.56	0.57	0.58	2.86	ppb
Vanadium	51-2	0.04	0.04	0.02	0.04	28.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	1.43	1.47	1.34	1.41	4.53	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	8.67	ppb
Zirconium	91-1	0.02	0.04	0.02	0.02	43.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:59:46	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.23	0.69	0.41	59.27	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	19.87	ppb
Arsenic	75-2	264.63	269.11	280.60	271.45	3.04	ppb
Barium	135-1	36.87	35.69	35.67	36.08	1.91	ppb
Barium	137-1	36.60	35.58	34.46	35.55	3.00	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	10.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	78.63	76.47	80.14	78.41	2.35	ppb
Boron	11-1	79.11	77.98	83.15	80.08	3.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.04	-0.03	-0.04		ppb
Cadmium	106-1	-2.02	-2.40	-1.22	-1.88		ppb
Cadmium	108-1	-0.11	-0.21	-0.10	-0.14		ppb
Calcium	43-1	342346.87	340985.51	324323.00	335885.12	2.99	ppb
Calcium	44-1	348370.37	344058.41	320729.16	337719.31	4.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.75	0.74	0.83	0.77	6.73	ppb
Cobalt	59-2	0.27	0.26	0.25	0.26	2.52	ppb
Copper	63-2	0.36	0.26	0.31	0.31	16.09	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				108		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	13387.37	12767.16	14220.32	13458.28	5.42	ppb
Iron	56-2	13590.59	13089.91	13517.49	13399.33	2.02	ppb
Iron	57-2	13259.50	12669.39	13176.56	13035.15	2.45	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:59:46	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.13	0.13	8.25	ppb
Lead	207-1	0.15	0.13	0.14	0.14	4.70	ppb
Lead	208-1	0.14	0.13	0.13	0.13	4.20	ppb
Lithium	6-1				96		%
Magnesium	24-2	235979.95	218191.18	234066.31	229412.48	4.26	ppb
Manganese	55-2	2948.60	2860.26	2974.94	2927.93	2.05	ppb
Molybdenum	94-1	0.33	0.30	0.29	0.31	6.02	ppb
Molybdenum	95-1	0.35	0.33	0.35	0.35	2.91	ppb
Molybdenum	96-1	0.54	0.49	0.48	0.51	6.63	ppb
Molybdenum	97-1	0.21	0.22	0.17	0.20	12.16	ppb
Molybdenum	98-1	0.23	0.20	0.20	0.21	8.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.92	0.84	0.91	7.36	ppb
Phosphorus	31-2	403.59	402.66	366.35	390.86	5.43	ppb
Potassium	39-2	3313.60	3230.44	3345.42	3296.48	1.80	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	1.73	2.42	3.28	2.48	31.39	ppb
Selenium	77-2	0.42	0.00	0.44	0.28	86.68	ppb
Selenium	78-2	-0.98	-0.25	-0.26	-0.50		ppb
Silicon	28-1	1576.32	1564.88	1468.98	1536.73	3.84	ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.81	ppb
Silver	109-1	0.01	0.01	0.00	0.01	12.05	ppb
Sodium	23-2	30322.33	29894.37	30259.81	30158.84	0.77	ppb
Strontium	86-1	6753.21	6442.85	6427.64	6541.23	2.81	ppb
Strontium	88-1	6740.95	6514.41	6425.52	6560.30	2.48	ppb
Sulfur	34-1	427781.78	433002.62	396337.82	419040.74	4.73	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.12	0.13	0.09	0.11	16.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:59:46	DataFile Name :	140AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.15	1.18	1.03	1.12	7.02	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	8.09	ppb
Vanadium	51-2	0.11	0.07	0.08	0.08	24.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	1.12	0.89	1.07	1.03	11.50	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	20.54	ppb
Zirconium	91-1	0.13	0.14	0.11	0.13	11.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:02:46	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	-0.24	0.49	0.28	161.73	ppb
Antimony	121-1	0.06	0.05	0.06	0.06	10.43	ppb
Arsenic	75-2	2.85	2.43	2.89	2.72	9.28	ppb
Barium	135-1	17.53	16.04	16.32	16.63	4.76	ppb
Barium	137-1	17.70	16.24	16.15	16.70	5.23	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	22.05	ppb
Bismuth	209-1				99		%
Bismuth	209-2				106		%
Boron	10-1	61.70	66.04	63.84	63.86	3.39	ppb
Boron	11-1	64.98	68.99	68.92	67.63	3.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	-0.03	-0.02		ppb
Cadmium	106-1	-1.26	-1.74	-1.82	-1.60		ppb
Cadmium	108-1	-0.14	-0.09	-0.14	-0.13		ppb
Calcium	43-1	282632.90	283789.50	286770.18	284397.53	0.75	ppb
Calcium	44-1	289836.39	289544.27	283987.70	287789.45	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.04	0.06	0.00	1097.44	ppb
Cobalt	59-2	4.53	4.02	4.48	4.35	6.49	ppb
Copper	63-2	0.72	0.67	0.73	0.71	4.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				113		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	1677.90	1528.67	1622.23	1609.60	4.69	ppb
Iron	56-2	1761.86	1565.29	1758.83	1695.33	6.64	ppb
Iron	57-2	1894.45	1643.94	1880.35	1806.25	7.79	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:02:46	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.14	0.13	0.14	1.66	ppb
Lead	207-1	0.12	0.10	0.13	0.11	11.64	ppb
Lead	208-1	0.13	0.12	0.11	0.12	5.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	187675.31	177493.21	187676.30	184281.61	3.19	ppb
Manganese	55-2	2616.72	2323.44	2542.08	2494.08	6.11	ppb
Molybdenum	94-1	1.36	1.47	1.46	1.43	4.21	ppb
Molybdenum	95-1	1.76	1.70	1.67	1.71	2.59	ppb
Molybdenum	96-1	1.58	1.48	1.52	1.53	3.24	ppb
Molybdenum	97-1	1.58	1.59	1.67	1.62	3.19	ppb
Molybdenum	98-1	1.57	1.50	1.56	1.54	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.75	1.46	1.69	1.63	9.41	ppb
Phosphorus	31-2	1.94	-9.14	2.13	-1.69		ppb
Potassium	39-2	2141.62	1948.91	2093.54	2061.36	4.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	1.12	2.43	2.17	1.91	36.32	ppb
Selenium	77-2	0.00	0.38	0.00	0.13	173.21	ppb
Selenium	78-2	-0.60	-0.80	-0.39	-0.60		ppb
Silicon	28-1	1432.31	1383.28	1398.36	1404.65	1.79	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.49	ppb
Sodium	23-2	24594.87	23433.24	25071.03	24366.38	3.46	ppb
Strontium	86-1	5336.75	5284.45	5293.85	5305.02	0.53	ppb
Strontium	88-1	5427.81	5145.03	5296.52	5289.79	2.68	ppb
Sulfur	34-1	374927.97	383992.35	381450.57	380123.63	1.23	ppb
Terbium	159-1				106		%
Terbium	159-2				113		%
Thallium	203-1	-0.01	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.50	0.47	0.48	0.48	3.49	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:02:46	DataFile Name :	141AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.91	0.79	0.97	0.89	10.03	ppb
Uranium	238-1	0.61	0.59	0.57	0.59	3.28	ppb
Vanadium	51-2	0.12	0.12	0.11	0.12	6.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				110		%
Zinc	66-2	2.78	2.24	2.40	2.47	11.32	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	15.56	ppb
Zirconium	91-1	0.07	0.07	0.07	0.07	2.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:05:41	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.89	-0.70	-0.54	-0.71		ppb
Antimony	121-1	0.16	0.15	0.15	0.15	4.40	ppb
Arsenic	75-2	15.44	15.18	15.31	15.31	0.85	ppb
Barium	135-1	51.70	56.20	55.04	54.32	4.30	ppb
Barium	137-1	52.81	54.54	54.98	54.11	2.12	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	12.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	54.04	55.54	57.50	55.69	3.12	ppb
Boron	11-1	56.73	59.05	59.53	58.44	2.57	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-1.36	-1.87	-0.93	-1.39		ppb
Cadmium	108-1	-0.18	-0.23	-0.08	-0.16		ppb
Calcium	43-1	266956.57	274848.91	270129.78	270645.09	1.47	ppb
Calcium	44-1	265655.61	276548.82	271738.31	271314.25	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.09	0.11	0.09	11.19	ppb
Cobalt	59-2	0.53	0.55	0.53	0.54	1.72	ppb
Copper	63-2	0.80	0.73	0.75	0.76	4.70	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				112		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	40.85	42.06	38.48	40.46	4.50	ppb
Iron	56-2	41.33	40.19	40.52	40.68	1.43	ppb
Iron	57-2	230.42	246.91	245.39	240.91	3.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:05:41	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.06	0.06	6.87	ppb
Lead	207-1	0.04	0.06	0.05	0.05	21.21	ppb
Lead	208-1	0.05	0.07	0.05	0.06	15.01	ppb
Lithium	6-1				97		%
Magnesium	24-2	219638.51	220380.88	220303.39	220107.60	0.19	ppb
Manganese	55-2	144.74	147.91	143.86	145.51	1.46	ppb
Molybdenum	94-1	1.35	1.33	1.26	1.31	3.60	ppb
Molybdenum	95-1	1.52	1.44	1.57	1.51	4.37	ppb
Molybdenum	96-1	1.44	1.42	1.54	1.47	4.60	ppb
Molybdenum	97-1	1.56	1.45	1.56	1.52	3.97	ppb
Molybdenum	98-1	1.50	1.47	1.54	1.50	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.50	1.52	1.49	1.51	1.09	ppb
Phosphorus	31-2	-15.90	-5.89	-21.29	-14.36		ppb
Potassium	39-2	2038.20	2168.17	2114.52	2106.96	3.10	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	82-1	1.11	2.50	1.75	1.79	38.77	ppb
Selenium	77-2	1.27	0.43	0.42	0.71	68.78	ppb
Selenium	78-2	-0.54	-0.52	-1.27	-0.78		ppb
Silicon	28-1	1283.32	1289.13	1292.01	1288.15	0.34	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.31	ppb
Silver	109-1	0.01	0.00	0.01	0.01	44.98	ppb
Sodium	23-2	38571.85	38377.01	38787.69	38578.85	0.53	ppb
Strontium	86-1	5060.66	4936.88	5088.96	5028.83	1.61	ppb
Strontium	88-1	4994.32	5006.29	5179.86	5060.16	2.05	ppb
Sulfur	34-1	422054.10	405577.21	402550.33	410060.55	2.56	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.05	0.05	0.05	0.05	1.97	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:05:41	DataFile Name :	142AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.79	0.84	0.65	0.76	12.91	ppb
Uranium	238-1	0.78	0.79	0.83	0.80	3.25	ppb
Vanadium	51-2	0.27	0.24	0.27	0.26	6.33	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	2.30	1.96	2.18	2.14	8.05	ppb
Zirconium	90-1	0.04	0.05	0.04	0.05	11.77	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	21.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:08:39	DataFile Name :	143AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.92	-2.05	-2.29	-2.09		ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-2	28.30	27.63	26.93	27.62	2.49	ppb
Barium	135-1	1.40	1.47	1.41	1.42	2.66	ppb
Barium	137-1	1.38	1.42	1.42	1.41	1.77	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	83.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	10.89	10.95	10.78	10.88	0.80	ppb
Boron	11-1	11.38	11.74	11.34	11.49	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.02	0.01	0.01	176.93	ppb
Cadmium	106-1	-0.60	-0.01	0.10	-0.17		ppb
Cadmium	108-1	-0.22	-0.24	-0.18	-0.21		ppb
Calcium	43-1	16052.08	16426.56	15837.36	16105.33	1.85	ppb
Calcium	44-1	16066.41	16086.92	15902.41	16018.58	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.01	0.02	55.72	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	78.68	ppb
Copper	63-2	0.06	0.04	0.05	0.05	22.39	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				109		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	610.43	605.41	614.74	610.19	0.77	ppb
Iron	56-2	641.62	638.98	663.46	648.02	2.07	ppb
Iron	57-2	627.97	615.47	630.37	624.60	1.28	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:08:39	DataFile Name :	143AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	5.29	ppb
Lead	207-1	0.03	0.03	0.04	0.04	8.96	ppb
Lead	208-1	0.04	0.04	0.04	0.04	5.92	ppb
Lithium	6-1				96		%
Magnesium	24-2	11642.82	11291.90	11096.06	11343.60	2.44	ppb
Manganese	55-2	35.60	36.95	36.69	36.41	1.97	ppb
Molybdenum	94-1	0.09	0.11	0.06	0.09	27.92	ppb
Molybdenum	95-1	0.11	0.11	0.11	0.11	3.51	ppb
Molybdenum	96-1	0.13	0.10	0.11	0.11	15.65	ppb
Molybdenum	97-1	0.13	0.11	0.14	0.13	10.77	ppb
Molybdenum	98-1	0.11	0.11	0.09	0.10	10.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.03	0.02	48.59	ppb
Phosphorus	31-2	-21.17	-13.62	-23.20	-19.33		ppb
Potassium	39-2	234.43	238.53	246.11	239.69	2.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.82	0.49	1.52	0.94	55.26	ppb
Selenium	77-2	0.00	0.44	0.00	0.15	173.21	ppb
Selenium	78-2	-0.45	-0.43	-0.63	-0.50		ppb
Silicon	28-1	78.01	79.71	76.29	78.00	2.19	ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.70	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.86	ppb
Sodium	23-2	1032.99	1040.81	1040.71	1038.17	0.43	ppb
Strontium	86-1	437.64	433.61	436.92	436.05	0.49	ppb
Strontium	88-1	425.51	423.08	425.86	424.81	0.36	ppb
Sulfur	34-1	22064.68	23238.74	21402.37	22235.26	4.18	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.00	0.04	0.02	0.02	108.58	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:08:39	DataFile Name :	143AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.11	0.09	0.09	17.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	70.82	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	69.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.22	0.16	0.23	0.20	18.41	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	61.06	ppb
Zirconium	91-1	0.02	0.01	0.01	0.02	35.86	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:11:36	DataFile Name :	144AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.27	-2.25	-1.97	-2.16		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	32.41	ppb
Arsenic	75-2	0.70	0.61	0.63	0.65	7.04	ppb
Barium	135-1	0.86	0.93	0.84	0.87	5.63	ppb
Barium	137-1	0.92	0.86	0.90	0.89	3.32	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	114.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	5.72	6.05	5.81	5.86	2.90	ppb
Boron	11-1	6.27	6.01	5.89	6.06	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.02	0.01	0.01	235.76	ppb
Cadmium	106-1	1.48	-1.23	0.21	0.15	887.07	ppb
Cadmium	108-1	-0.20	-0.27	-0.24	-0.24		ppb
Calcium	43-1	12384.97	13031.99	12667.16	12694.71	2.56	ppb
Calcium	44-1	12709.79	13068.74	12954.57	12911.04	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.04	0.00	-0.02		ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	4.84	ppb
Copper	63-2	0.14	0.09	0.11	0.11	20.56	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				105		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	1.24	1.72	1.14	1.37	22.59	ppb
Iron	56-2	0.85	0.72	0.67	0.75	12.22	ppb
Iron	57-2	10.25	9.39	9.89	9.84	4.39	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:11:36	DataFile Name :	144AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.03	0.04	28.93	ppb
Lead	207-1	0.02	0.04	0.01	0.02	63.25	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	7781.37	7296.90	7554.87	7544.38	3.21	ppb
Manganese	55-2	7.73	7.58	7.59	7.63	1.09	ppb
Molybdenum	94-1	0.08	0.08	0.08	0.08	1.02	ppb
Molybdenum	95-1	0.12	0.11	0.09	0.11	13.12	ppb
Molybdenum	96-1	0.09	0.08	0.09	0.09	6.14	ppb
Molybdenum	97-1	0.12	0.10	0.11	0.11	7.10	ppb
Molybdenum	98-1	0.10	0.11	0.10	0.10	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.18	0.25	0.21	18.37	ppb
Phosphorus	31-2	-38.70	-23.54	-21.67	-27.97		ppb
Potassium	39-2	247.48	240.84	237.05	241.79	2.18	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	1.45	0.57	0.39	0.81	70.00	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.21	-0.10	-0.18		ppb
Silicon	28-1	28.22	31.57	28.41	29.40	6.40	ppb
Silver	107-1	0.01	0.00	0.01	0.01	30.37	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.41	ppb
Sodium	23-2	614.56	573.37	573.36	587.10	4.05	ppb
Strontium	86-1	446.86	452.97	442.16	447.33	1.21	ppb
Strontium	88-1	436.89	441.50	446.99	441.79	1.14	ppb
Sulfur	34-1	15370.99	16985.66	15890.23	16082.29	5.13	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.01	-0.01	0.02	0.01	183.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:11:36	DataFile Name :	144AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.01	0.04	0.03	65.11	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.96	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	103.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.23	0.17	0.22	0.21	14.32	ppb
Zirconium	90-1	0.00	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	148.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:14:35	DataFile Name :	145AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.78	-1.99	-1.64	-1.80		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	604.39	ppb
Arsenic	75-2	0.65	0.65	0.75	0.68	8.36	ppb
Barium	135-1	0.81	0.89	0.80	0.84	5.95	ppb
Barium	137-1	0.89	0.92	0.89	0.90	1.85	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	419.84	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	4.68	4.69	4.46	4.61	2.77	ppb
Boron	11-1	5.09	4.85	4.74	4.89	3.68	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.01	0.02	0.02	56.79	ppb
Cadmium	106-1	1.22	-0.21	0.07	0.36	209.42	ppb
Cadmium	108-1	-0.10	-0.12	-0.24	-0.15		ppb
Calcium	43-1	12368.93	12620.82	12384.84	12458.20	1.13	ppb
Calcium	44-1	12112.60	12972.09	12636.84	12573.84	3.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.27	0.22	0.21	24.87	ppb
Cobalt	59-2	0.05	0.06	0.07	0.06	15.23	ppb
Copper	63-2	0.16	0.12	0.14	0.14	14.01	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				105		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	4.22	4.38	5.33	4.64	12.89	ppb
Iron	56-2	4.39	4.38	4.55	4.44	2.11	ppb
Iron	57-2	13.08	12.87	13.90	13.28	4.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:14:35	DataFile Name :	145AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.06	0.06	6.76	ppb
Lead	207-1	0.04	0.03	0.03	0.03	14.69	ppb
Lead	208-1	0.04	0.04	0.05	0.05	6.71	ppb
Lithium	6-1				98		%
Magnesium	24-2	7580.61	7066.57	7399.06	7348.75	3.55	ppb
Manganese	55-2	8.55	8.54	8.67	8.59	0.87	ppb
Molybdenum	94-1	0.09	0.08	0.06	0.08	19.13	ppb
Molybdenum	95-1	0.14	0.13	0.11	0.13	11.21	ppb
Molybdenum	96-1	0.11	0.10	0.11	0.11	4.50	ppb
Molybdenum	97-1	0.14	0.10	0.11	0.12	16.48	ppb
Molybdenum	98-1	0.12	0.11	0.11	0.11	6.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.43	0.35	0.40	10.78	ppb
Phosphorus	31-2	-30.20	-30.33	-24.33	-28.28		ppb
Potassium	39-2	241.43	238.42	238.96	239.60	0.67	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.69	1.46	1.27	1.14	35.47	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.50	0.24	-0.41	0.11	421.92	ppb
Silicon	28-1	27.78	28.31	29.78	28.62	3.63	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.22	ppb
Silver	109-1	0.01	0.01	0.00	0.01	52.52	ppb
Sodium	23-2	590.94	554.59	584.18	576.57	3.35	ppb
Strontium	86-1	446.06	442.32	434.77	441.05	1.30	ppb
Strontium	88-1	424.14	449.47	425.48	433.03	3.29	ppb
Sulfur	34-1	16231.69	17362.64	16769.00	16787.78	3.37	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:14:35	DataFile Name :	145AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.00	0.09	0.05	96.51	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	16.68	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	83.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.54	0.35	0.52	0.47	21.33	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	163.17	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 20:17:31	DataFile Name :	146AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.27	-2.31	-2.30	-2.29		ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	0.13	0.16	0.12	0.13	15.06	ppb
Barium	135-1	0.23	0.17	0.17	0.19	18.06	ppb
Barium	137-1	0.18	0.17	0.16	0.17	5.31	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	2.73	2.43	2.54	2.57	5.87	ppb
Boron	11-1	2.84	2.44	2.56	2.61	7.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	0.50	-1.05	-1.64	-0.73		ppb
Cadmium	108-1	-0.20	-0.16	-0.24	-0.20		ppb
Calcium	43-1	2556.53	2569.89	2587.81	2571.41	0.61	ppb
Calcium	44-1	2506.81	2700.95	2629.47	2612.41	3.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.00	0.00	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	14.79	ppb
Copper	63-2	0.05	0.04	0.05	0.05	11.50	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				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	0.26	1.59	0.69	0.85	80.14	ppb
Iron	56-2	0.12	0.15	-0.09	0.06	227.62	ppb
Iron	57-2	0.81	2.17	1.60	1.53	44.48	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 20:17:31	DataFile Name :	146AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	12.13	ppb
Lead	207-1	0.01	0.01	0.01	0.01	34.56	ppb
Lead	208-1	0.02	0.02	0.02	0.02	19.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	1486.99	1582.76	1549.16	1539.64	3.16	ppb
Manganese	55-2	1.57	1.76	1.49	1.60	8.61	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	57.87	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	41.70	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00		ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	48.60	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	59.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.06	0.02	0.04	41.61	ppb
Phosphorus	31-2	-22.82	-21.81	-20.91	-21.85		ppb
Potassium	39-2	44.62	56.21	50.58	50.47	11.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	0.72	0.61	0.18	0.51	56.42	ppb
Selenium	77-2	0.44	0.00	0.00	0.15	173.21	ppb
Selenium	78-2	-0.36	-0.96	-0.91	-0.74		ppb
Silicon	28-1	5.64	4.95	6.00	5.53	9.61	ppb
Silver	107-1	0.01	0.01	0.01	0.01	12.67	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.41	ppb
Sodium	23-2	117.76	133.25	123.40	124.80	6.28	ppb
Strontium	86-1	87.60	87.20	92.27	89.02	3.17	ppb
Strontium	88-1	91.45	89.67	90.23	90.45	1.00	ppb
Sulfur	34-1	4563.90	4628.94	4559.09	4583.98	0.85	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 20:17:31	DataFile Name :	146AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.03	0.00	0.00	1870.54	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	20.86	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	255.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	0.18	0.07	0.26	0.17	55.94	ppb
Zirconium	90-1	-0.01	0.00	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	73.75	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:20:31	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.84	74.36	76.64	74.94	1.99	ppb
Antimony	121-1	4.06	3.99	4.14	4.06	1.96	ppb
Arsenic	75-2	2.09	2.27	2.18	2.18	3.98	ppb
Barium	135-1	76.66	75.42	77.73	76.60	1.51	ppb
Barium	137-1	77.00	78.15	75.36	76.84	1.82	ppb
Beryllium	9-1	1.98	1.86	2.00	1.95	3.94	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	3.32	3.21	3.33	3.28	2.09	ppb
Boron	11-1	3.63	3.45	3.55	3.54	2.48	ppb
Bromine	81-1						cps
Cadmium	111-1	1.93	2.02	2.06	2.00	3.25	ppb
Cadmium	106-1	0.92	1.32	0.93	1.06	21.66	ppb
Cadmium	108-1	1.53	1.49	1.61	1.55	3.97	ppb
Calcium	43-1	12303.88	12505.04	12459.38	12422.77	0.85	ppb
Calcium	44-1	12310.02	12032.83	12532.31	12291.72	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.39	7.22	7.53	7.38	2.09	ppb
Cobalt	59-2	19.09	19.80	19.67	19.52	1.92	ppb
Copper	63-2	9.49	9.86	9.93	9.76	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				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	45.12	45.86	47.67	46.22	2.84	ppb
Iron	56-2	41.87	42.58	42.07	42.17	0.87	ppb
Iron	57-2	44.92	52.22	50.18	49.11	7.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:20:31	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.76	0.79	0.78	0.78	1.92	ppb
Lead	207-1	0.79	0.80	0.80	0.80	0.59	ppb
Lead	208-1	0.77	0.81	0.78	0.79	2.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	7248.73	6985.13	7503.64	7245.83	3.58	ppb
Manganese	55-2	24.86	25.13	25.29	25.09	0.88	ppb
Molybdenum	94-1	1.67	1.66	1.72	1.68	1.74	ppb
Molybdenum	95-1	1.97	2.01	2.11	2.03	3.32	ppb
Molybdenum	96-1	1.86	1.97	2.08	1.97	5.50	ppb
Molybdenum	97-1	2.01	2.07	2.09	2.05	1.83	ppb
Molybdenum	98-1	1.98	2.00	1.97	1.98	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.04	19.26	19.39	19.23	0.92	ppb
Phosphorus	31-2	-30.45	-30.04	-18.24	-26.24		ppb
Potassium	39-2	229.08	226.70	236.31	230.69	2.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.15	4.84	5.79	4.93	16.64	ppb
Selenium	77-2	2.58	2.68	3.08	2.78	9.51	ppb
Selenium	78-2	3.09	3.64	3.40	3.38	8.11	ppb
Silicon	28-1	28.76	28.31	29.29	28.79	1.71	ppb
Silver	107-1	1.85	1.91	1.95	1.90	2.67	ppb
Silver	109-1	1.95	1.89	2.01	1.95	3.09	ppb
Sodium	23-2	582.44	578.27	569.89	576.87	1.11	ppb
Strontium	86-1	429.68	431.25	449.26	436.73	2.49	ppb
Strontium	88-1	418.39	430.52	425.62	424.84	1.44	ppb
Sulfur	34-1	16076.82	16923.53	16946.47	16648.94	2.98	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	1.68	1.88	1.89	1.81	6.61	ppb
Thallium	205-1	1.78	1.90	1.81	1.83	3.51	ppb
Tin	118-1	0.00	-0.02	0.01	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:20:31	DataFile Name :	147AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.05	0.03	0.04	24.39	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.99	ppb
Vanadium	51-2	18.03	18.71	18.90	18.55	2.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	19.69	20.01	20.14	19.94	1.17	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	107.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:23:28	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.09	-1.89	-2.07	-2.02		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	44.20	ppb
Arsenic	75-2	0.48	0.47	0.47	0.47	1.49	ppb
Barium	135-1	1.11	1.08	1.19	1.13	5.13	ppb
Barium	137-1	1.10	1.07	1.13	1.10	2.87	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	62.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	2.80	2.76	3.00	2.85	4.55	ppb
Boron	11-1	2.96	2.91	3.01	2.96	1.64	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	0.03	0.00	2523.91	ppb
Cadmium	106-1	-0.89	-0.46	0.76	-0.20		ppb
Cadmium	108-1	-0.15	-0.14	-0.13	-0.14		ppb
Calcium	43-1	12029.95	12233.92	12234.07	12165.98	0.97	ppb
Calcium	44-1	11771.92	12304.74	12438.48	12171.71	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.07	0.06	0.07	25.43	ppb
Cobalt	59-2	0.16	0.15	0.13	0.15	11.41	ppb
Copper	63-2	0.07	0.07	0.04	0.06	31.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	8.49	8.66	8.98	8.71	2.83	ppb
Iron	56-2	8.18	7.75	8.09	8.01	2.79	ppb
Iron	57-2	18.67	15.34	15.79	16.60	10.90	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:23:28	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	13.03	ppb
Lead	207-1	0.03	0.01	0.01	0.02	50.31	ppb
Lead	208-1	0.03	0.02	0.02	0.02	22.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	8460.07	8305.03	8883.26	8549.45	3.50	ppb
Manganese	55-2	6.19	5.97	6.00	6.05	1.96	ppb
Molybdenum	94-1	0.09	0.09	0.10	0.10	6.41	ppb
Molybdenum	95-1	0.13	0.12	0.15	0.13	11.60	ppb
Molybdenum	96-1	0.12	0.14	0.13	0.13	7.39	ppb
Molybdenum	97-1	0.12	0.14	0.15	0.14	10.46	ppb
Molybdenum	98-1	0.13	0.14	0.13	0.13	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.29	0.33	0.31	6.71	ppb
Phosphorus	31-2	-15.93	-18.92	-20.20	-18.35		ppb
Potassium	39-2	216.02	215.06	219.97	217.02	1.20	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	1.34	0.84	1.11	1.10	22.90	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	-0.31	-0.55	-0.24		ppb
Silicon	28-1	23.86	23.84	22.65	23.45	2.95	ppb
Silver	107-1	0.03	0.03	0.02	0.02	10.28	ppb
Silver	109-1	0.02	0.02	0.02	0.02	1.74	ppb
Sodium	23-2	631.11	623.87	641.43	632.14	1.40	ppb
Strontium	86-1	427.67	431.92	433.72	431.10	0.72	ppb
Strontium	88-1	427.89	424.84	435.80	429.51	1.32	ppb
Sulfur	34-1	17635.52	16630.61	16885.51	17050.55	3.06	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:23:28	DataFile Name :	148AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.03	0.02	0.02	120.33	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	15.15	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	32.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.30	0.30	0.25	0.28	9.61	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	66.82	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	110.11	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:26:26	DataFile Name :	149CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49191.15	48696.22	49021.48	48969.62	0.51	ppb
Antimony	121-1	498.19	501.64	476.63	492.15	2.75	ppb
Arsenic	75-2	451.52	449.09	462.36	454.32	1.55	ppb
Barium	135-1	2588.88	2500.35	2383.47	2490.90	4.14	ppb
Barium	137-1	2460.59	2475.41	2343.58	2426.53	2.98	ppb
Beryllium	9-1	505.19	529.32	510.38	514.96	2.47	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	392.87	399.90	408.64	400.47	1.97	ppb
Boron	11-1	358.85	384.68	402.54	382.03	5.75	ppb
Bromine	81-1						cps
Cadmium	111-1	471.70	453.93	458.95	461.52	1.98	ppb
Cadmium	106-1	466.70	451.54	457.38	458.54	1.67	ppb
Cadmium	108-1	462.32	466.35	462.14	463.60	0.51	ppb
Calcium	43-1	226726.74	227734.87	228107.95	227523.19	0.31	ppb
Calcium	44-1	235144.80	228054.72	231002.02	231400.51	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.20	493.00	485.63	490.28	0.82	ppb
Cobalt	59-2	485.69	468.97	478.98	477.88	1.76	ppb
Copper	63-2	4688.69	4766.54	4732.51	4729.25	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	121683.67	120625.94	123752.69	122020.76	1.30	ppb
Iron	56-2	126539.62	123684.13	126654.11	125625.95	1.34	ppb
Iron	57-2	129451.38	123861.40	123465.04	125592.61	2.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:26:26	DataFile Name :	149CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2511.60	2474.88	2458.27	2481.59	1.10	ppb
Lead	207-1	2479.10	2462.42	2433.13	2458.22	0.95	ppb
Lead	208-1	2460.07	2485.82	2458.86	2468.25	0.62	ppb
Lithium	6-1				95		%
Magnesium	24-2	247984.87	239602.72	249937.61	245841.73	2.23	ppb
Manganese	55-2	4787.99	4742.82	4840.67	4790.50	1.02	ppb
Molybdenum	94-1	4709.00	4895.77	4823.12	4809.30	1.96	ppb
Molybdenum	95-1	4786.88	4986.83	4927.26	4900.32	2.10	ppb
Molybdenum	96-1	4676.40	4930.40	4853.32	4820.04	2.70	ppb
Molybdenum	97-1	4662.88	4951.23	4743.74	4785.95	3.11	ppb
Molybdenum	98-1	4839.68	4978.86	4813.86	4877.47	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.02	454.98	458.46	463.15	2.43	ppb
Phosphorus	31-2	9353.26	9246.17	9341.58	9313.67	0.63	ppb
Potassium	39-2	119712.25	118122.69	120926.01	119586.98	1.18	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	453.25	464.03	449.30	455.53	1.67	ppb
Selenium	77-2	480.82	468.34	481.99	477.05	1.59	ppb
Selenium	78-2	455.93	449.97	459.99	455.29	1.11	ppb
Silicon	28-1	327.55	342.66	344.86	338.36	2.79	ppb
Silver	107-1	481.26	466.05	475.25	474.19	1.62	ppb
Silver	109-1	471.74	469.83	469.54	470.37	0.25	ppb
Sodium	23-2	243288.10	238935.78	241313.06	241178.98	0.90	ppb
Strontium	86-1	489.99	504.81	484.11	492.97	2.16	ppb
Strontium	88-1	476.75	495.01	487.49	486.42	1.89	ppb
Sulfur	34-1	9195.59	9357.93	9149.11	9234.21	1.19	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	498.05	506.68	489.70	498.14	1.70	ppb
Thallium	205-1	493.76	498.81	488.95	493.84	1.00	ppb
Tin	118-1	483.97	485.04	473.82	480.94	1.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:26:26	DataFile Name :	149CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4741.27	4836.08	4768.91	4782.09	1.02	ppb
Uranium	238-1	503.54	495.99	500.56	500.03	0.76	ppb
Vanadium	51-2	488.46	492.26	477.28	486.00	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	4610.03	4640.72	4757.73	4669.49	1.67	ppb
Zirconium	90-1	482.12	491.20	478.15	483.82	1.38	ppb
Zirconium	91-1	495.14	498.77	488.37	494.09	1.07	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:33:32	DataFile Name :	150CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.34	-1.19	-0.77	-1.10		ppb
Antimony	121-1	0.06	0.07	0.09	0.07	26.77	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.05	0.04	0.02	0.04	33.94	ppb
Barium	137-1	0.03	0.04	0.03	0.03	7.69	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	8.98	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	9.58	9.39	9.42	9.46	1.04	ppb
Boron	11-1	9.63	9.64	10.11	9.79	2.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-2.01	-1.35	-1.93	-1.76		ppb
Cadmium	108-1	0.05	0.04	-0.13	-0.01		ppb
Calcium	43-1	2.74	2.77	1.90	2.47	19.87	ppb
Calcium	44-1	3.19	2.28	2.03	2.50	24.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.05	-0.01	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	445.07	ppb
Copper	63-2	0.12	0.11	0.12	0.11	3.95	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				105		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	1.88	1.50	3.25	2.21	41.42	ppb
Iron	56-2	1.69	1.88	1.87	1.81	6.05	ppb
Iron	57-2	2.14	2.87	2.65	2.55	14.69	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:33:32	DataFile Name :	150CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.06	0.08	19.89	ppb
Lead	207-1	0.06	0.07	0.07	0.07	6.40	ppb
Lead	208-1	0.07	0.08	0.06	0.07	14.34	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.02	4.35	3.48	3.95	11.09	ppb
Manganese	55-2	0.10	0.08	0.11	0.10	13.73	ppb
Molybdenum	94-1	0.08	0.10	0.06	0.08	26.03	ppb
Molybdenum	95-1	0.11	0.09	0.09	0.10	10.45	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.07	5.08	ppb
Molybdenum	97-1	0.09	0.09	0.08	0.09	8.70	ppb
Molybdenum	98-1	0.10	0.07	0.07	0.08	21.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-23.26	-30.50	-21.09	-24.95		ppb
Potassium	39-2	6.60	3.86	5.55	5.34	25.90	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	-0.17	0.62	1.61	0.69	129.30	ppb
Selenium	77-2	0.88	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	-0.09	-0.83	0.59	-0.11		ppb
Silicon	28-1	-0.26	-0.67	-0.61	-0.51		ppb
Silver	107-1	0.03	0.03	0.03	0.03	11.97	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.58	ppb
Sodium	23-2	8.27	7.68	10.87	8.94	18.95	ppb
Strontium	86-1	-0.04	-0.12	-0.07	-0.08		ppb
Strontium	88-1	0.03	0.02	0.02	0.03	17.45	ppb
Sulfur	34-1	-341.99	-432.37	-322.24	-365.54		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.03	0.02	12.75	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.10	ppb
Tin	118-1	0.01	0.00	0.00	0.00	201.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:33:32	DataFile Name :	150CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.05	0.01	0.03	64.87	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	26.12	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	48.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.18	0.12	-0.03	0.09	119.24	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	19.95	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	43.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:36:32	DataFile Name :	151AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.09	-1.97	-1.92	-1.99		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	16.68	ppb
Arsenic	75-2	0.52	0.52	0.57	0.54	5.91	ppb
Barium	135-1	1.26	1.23	1.24	1.25	1.28	ppb
Barium	137-1	1.10	1.16	1.22	1.16	4.90	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	8.87	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	9.17	9.71	9.32	9.40	2.98	ppb
Boron	11-1	9.39	10.09	9.61	9.70	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	0.03	0.00		ppb
Cadmium	106-1	-1.12	-1.84	0.21	-0.91		ppb
Cadmium	108-1	-0.18	-0.20	-0.16	-0.18		ppb
Calcium	43-1	13933.04	14101.87	13897.61	13977.51	0.78	ppb
Calcium	44-1	14128.83	13835.23	13940.02	13968.03	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.02	0.04	49.70	ppb
Cobalt	59-2	0.11	0.10	0.10	0.11	4.98	ppb
Copper	63-2	0.08	0.09	0.08	0.09	8.10	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				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	3.31	3.67	3.17	3.38	7.52	ppb
Iron	56-2	2.60	2.67	2.68	2.65	1.57	ppb
Iron	57-2	12.25	11.67	14.25	12.73	10.64	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:36:32	DataFile Name :	151AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.07	13.42	ppb
Lead	207-1	0.05	0.02	0.03	0.03	52.76	ppb
Lead	208-1	0.06	0.04	0.05	0.05	20.15	ppb
Lithium	6-1				96		%
Magnesium	24-2	7763.06	8066.88	7724.86	7851.60	2.39	ppb
Manganese	55-2	57.90	58.94	56.90	57.91	1.76	ppb
Molybdenum	94-1	0.05	0.07	0.08	0.06	20.31	ppb
Molybdenum	95-1	0.06	0.05	0.06	0.06	5.83	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	21.00	ppb
Molybdenum	97-1	0.07	0.04	0.06	0.06	26.73	ppb
Molybdenum	98-1	0.07	0.05	0.05	0.06	21.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.19	0.18	0.20	13.56	ppb
Phosphorus	31-2	-18.22	-16.79	-23.70	-19.57		ppb
Potassium	39-2	197.93	190.10	198.28	195.44	2.37	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	1.12	0.78	1.44	1.11	29.84	ppb
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	-0.80	-0.05	-0.72	-0.52		ppb
Silicon	28-1	39.55	40.23	40.76	40.18	1.51	ppb
Silver	107-1	0.03	0.02	0.01	0.02	36.61	ppb
Silver	109-1	0.02	0.02	0.02	0.02	26.80	ppb
Sodium	23-2	805.73	809.77	807.83	807.77	0.25	ppb
Strontium	86-1	416.08	426.12	417.51	419.91	1.29	ppb
Strontium	88-1	418.80	407.38	415.30	413.83	1.41	ppb
Sulfur	34-1	16147.09	16529.39	16813.42	16496.63	2.03	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.01	-0.01	0.01	0.01	165.81	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	303.46	ppb
Tin	118-1	0.00	-0.02	0.01	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:36:32	DataFile Name :	151AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.03	0.14	0.08	64.25	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.03	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	15.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.18	0.07	0.06	0.10	64.15	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	24.90	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	232.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:39:32	DataFile Name :	152AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.01	-1.76	-2.22	-2.00		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	43.05	ppb
Arsenic	75-2	0.59	0.53	0.53	0.55	6.75	ppb
Barium	135-1	1.32	1.17	1.26	1.25	5.86	ppb
Barium	137-1	1.26	1.24	1.27	1.26	0.96	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	11.06	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	7.80	7.73	8.25	7.93	3.54	ppb
Boron	11-1	8.29	8.06	8.38	8.24	2.03	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.02	0.03	0.01	218.39	ppb
Cadmium	106-1	0.87	-1.50	0.47	-0.05		ppb
Cadmium	108-1	-0.11	-0.16	-0.17	-0.15		ppb
Calcium	43-1	13907.58	13809.03	14689.14	14135.25	3.41	ppb
Calcium	44-1	13603.37	14040.61	14171.41	13938.47	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.01	0.03	54.21	ppb
Cobalt	59-2	0.11	0.11	0.11	0.11	1.78	ppb
Copper	63-2	0.07	0.06	0.06	0.07	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				106		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	2.39	2.71	3.19	2.76	14.65	ppb
Iron	56-2	2.24	2.11	2.27	2.20	3.86	ppb
Iron	57-2	12.77	12.99	10.78	12.18	9.97	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:39:32	DataFile Name :	152AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.06	0.06	8.89	ppb
Lead	207-1	0.04	0.03	0.01	0.03	47.59	ppb
Lead	208-1	0.05	0.05	0.03	0.05	20.83	ppb
Lithium	6-1				98		%
Magnesium	24-2	7882.31	8190.06	7952.06	8008.14	2.01	ppb
Manganese	55-2	59.51	59.17	58.93	59.21	0.49	ppb
Molybdenum	94-1	0.05	0.05	0.06	0.05	12.29	ppb
Molybdenum	95-1	0.04	0.05	0.04	0.04	8.23	ppb
Molybdenum	96-1	0.03	0.01	0.03	0.02	40.18	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	21.89	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	24.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.27	0.26	0.25	9.28	ppb
Phosphorus	31-2	-30.60	-25.30	-27.83	-27.91		ppb
Potassium	39-2	195.13	194.33	196.89	195.45	0.67	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.97	1.23	0.28	0.83	59.24	ppb
Selenium	77-2	0.43	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	0.47	-0.73	-0.36	-0.21		ppb
Silicon	28-1	39.32	40.14	41.16	40.21	2.29	ppb
Silver	107-1	0.02	0.02	0.01	0.01	32.43	ppb
Silver	109-1	0.02	0.02	0.01	0.01	23.72	ppb
Sodium	23-2	809.73	840.98	823.55	824.75	1.90	ppb
Strontium	86-1	428.03	436.73	426.53	430.43	1.28	ppb
Strontium	88-1	412.17	424.03	420.85	419.02	1.47	ppb
Sulfur	34-1	16549.03	16313.70	17218.16	16693.63	2.81	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	0.00	0.00	99.09	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.02	0.00	0.02	0.00	671.46	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:39:32	DataFile Name :	152AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.00	0.04	0.02	117.59	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.64	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	70.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	0.25	0.20	0.25	0.23	10.55	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	201.11	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	74.38	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:42:28	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.35	-1.53	-1.60	-1.49		ppb
Antimony	121-1	0.01	0.03	0.02	0.02	40.54	ppb
Arsenic	75-2	0.63	0.67	0.68	0.66	4.45	ppb
Barium	135-1	0.87	0.90	1.04	0.94	9.38	ppb
Barium	137-1	0.85	0.85	0.82	0.84	1.85	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	3.53	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	6.17	6.36	6.19	6.24	1.71	ppb
Boron	11-1	6.47	6.53	6.45	6.48	0.63	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.00	-0.01	0.00	2238.23	ppb
Cadmium	106-1	-0.56	-0.25	-0.42	-0.41		ppb
Cadmium	108-1	-0.22	-0.20	-0.04	-0.16		ppb
Calcium	43-1	12244.01	11895.22	11186.04	11775.09	4.58	ppb
Calcium	44-1	12242.48	11773.48	11291.93	11769.30	4.04	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	0.01	255.59	ppb
Cobalt	59-2	0.07	0.05	0.06	0.06	14.14	ppb
Copper	63-2	0.10	0.13	0.12	0.12	15.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	3.58	3.20	3.49	3.42	5.81	ppb
Iron	56-2	2.97	3.09	3.13	3.06	2.67	ppb
Iron	57-2	10.82	13.55	12.08	12.15	11.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:42:28	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.05	0.10	0.08	31.35	ppb
Lead	207-1	0.07	0.05	0.04	0.05	26.42	ppb
Lead	208-1	0.08	0.05	0.06	0.06	18.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	7045.35	6996.33	6674.66	6905.45	2.92	ppb
Manganese	55-2	9.02	8.95	8.82	8.93	1.16	ppb
Molybdenum	94-1	0.12	0.08	0.13	0.11	27.33	ppb
Molybdenum	95-1	0.12	0.11	0.14	0.12	10.90	ppb
Molybdenum	96-1	0.12	0.10	0.11	0.11	8.26	ppb
Molybdenum	97-1	0.13	0.13	0.13	0.13	2.13	ppb
Molybdenum	98-1	0.14	0.13	0.12	0.13	7.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.19	0.19	0.20	8.10	ppb
Phosphorus	31-2	-14.19	-28.83	-23.09	-22.04		ppb
Potassium	39-2	222.37	229.16	222.67	224.73	1.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.94	0.10	1.12	0.72	75.35	ppb
Selenium	77-2	0.88	0.00	0.00	0.29	173.21	ppb
Selenium	78-2	-0.63	0.12	-0.85	-0.45		ppb
Silicon	28-1	27.63	27.75	25.49	26.96	4.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.04	ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.21	ppb
Sodium	23-2	558.03	540.70	546.48	548.40	1.61	ppb
Strontium	86-1	432.64	409.70	437.79	426.71	3.50	ppb
Strontium	88-1	428.34	403.04	415.87	415.75	3.04	ppb
Sulfur	34-1	15914.46	16091.16	14162.62	15389.41	6.93	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00	952.62	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	906.62	ppb
Tin	118-1	0.03	0.01	0.00	0.01	128.68	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:42:28	DataFile Name :	153AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.05	0.03	0.04	25.01	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	20.31	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	50.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.51	0.64	0.50	0.55	14.36	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	12.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:45:28	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.71	-1.85	-1.62	-1.73		ppb
Antimony	121-1	0.02	0.01	0.03	0.02	63.70	ppb
Arsenic	75-2	0.11	0.09	0.09	0.10	9.55	ppb
Barium	135-1	2.16	2.06	2.17	2.13	2.80	ppb
Barium	137-1	2.13	2.28	2.23	2.21	3.60	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	46.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	4.28	4.64	4.41	4.44	4.07	ppb
Boron	11-1	4.51	4.74	4.94	4.73	4.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.02	-0.04	-0.01		ppb
Cadmium	106-1	-0.32	0.47	-1.90	-0.59		ppb
Cadmium	108-1	-0.18	-0.05	-0.08	-0.11		ppb
Calcium	43-1	65446.96	69074.85	67969.20	67497.00	2.75	ppb
Calcium	44-1	66374.60	69722.47	69858.30	68651.79	2.87	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	0.01	285.78	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	17.47	ppb
Copper	63-2	0.09	0.10	0.05	0.08	33.26	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				106		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	1.33	0.75	0.85	0.98	31.46	ppb
Iron	56-2	1.48	1.37	1.67	1.51	10.18	ppb
Iron	57-2	54.45	51.25	57.54	54.41	5.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:45:28	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.09	0.06	34.28	ppb
Lead	207-1	0.05	0.05	0.07	0.06	17.25	ppb
Lead	208-1	0.05	0.05	0.06	0.05	12.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	30927.00	31438.51	29746.93	30704.15	2.83	ppb
Manganese	55-2	1.82	1.85	1.71	1.79	4.06	ppb
Molybdenum	94-1	0.23	0.29	0.24	0.26	13.10	ppb
Molybdenum	95-1	0.32	0.36	0.31	0.33	7.97	ppb
Molybdenum	96-1	0.29	0.27	0.27	0.27	3.84	ppb
Molybdenum	97-1	0.29	0.30	0.32	0.31	5.43	ppb
Molybdenum	98-1	0.31	0.33	0.31	0.31	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.24	0.30	0.26	12.78	ppb
Phosphorus	31-2	-26.34	-23.79	-3.14	-17.76		ppb
Potassium	39-2	82.13	76.75	84.96	81.28	5.13	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	1.00	1.35	1.07	1.14	16.04	ppb
Selenium	77-2	0.00	0.42	0.42	0.28	86.61	ppb
Selenium	78-2	-0.57	0.22	-0.32	-0.22		ppb
Silicon	28-1	375.40	365.78	355.84	365.67	2.67	ppb
Silver	107-1	0.01	0.01	0.02	0.01	50.07	ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.53	ppb
Sodium	23-2	5432.77	5470.62	5206.21	5369.87	2.66	ppb
Strontium	86-1	377.57	379.48	375.41	377.49	0.54	ppb
Strontium	88-1	365.75	373.68	374.88	371.44	1.34	ppb
Sulfur	34-1	80662.18	84897.51	81550.39	82370.03	2.71	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:45:28	DataFile Name :	154AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.30	0.34	0.34	0.32	7.69	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	3.67	ppb
Vanadium	51-2	0.14	0.14	0.13	0.14	6.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.21	0.43	0.37	0.34	33.13	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	129.93	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	25.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:48:22	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.66	-1.68	-1.62	-1.65		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	24.90	ppb
Arsenic	75-2	0.08	0.07	0.11	0.08	25.20	ppb
Barium	135-1	2.07	2.03	2.15	2.08	2.86	ppb
Barium	137-1	2.07	2.09	2.26	2.14	4.64	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	18.40	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	3.90	3.69	3.60	3.73	4.05	ppb
Boron	11-1	4.00	3.81	4.11	3.97	3.80	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	0.01	0.00		ppb
Cadmium	106-1	-0.45	-0.69	-0.51	-0.55		ppb
Cadmium	108-1	-0.08	-0.18	-0.06	-0.11		ppb
Calcium	43-1	69684.61	67348.26	71812.93	69615.27	3.21	ppb
Calcium	44-1	70013.16	69456.73	70372.16	69947.35	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.05	-0.05	-0.04		ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	13.90	ppb
Copper	63-2	0.03	0.04	0.04	0.04	21.93	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				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	-0.21	0.63	0.33	0.25	167.76	ppb
Iron	56-2	1.18	1.39	1.26	1.28	8.49	ppb
Iron	57-2	51.68	50.98	58.85	53.83	8.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:48:22	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.09	0.09	5.56	ppb
Lead	207-1	0.08	0.08	0.10	0.08	13.53	ppb
Lead	208-1	0.08	0.09	0.09	0.09	7.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	30867.09	31416.95	30163.19	30815.74	2.04	ppb
Manganese	55-2	1.95	2.20	1.95	2.03	7.02	ppb
Molybdenum	94-1	0.25	0.25	0.26	0.25	2.82	ppb
Molybdenum	95-1	0.34	0.36	0.30	0.33	9.62	ppb
Molybdenum	96-1	0.32	0.28	0.26	0.29	11.51	ppb
Molybdenum	97-1	0.26	0.32	0.29	0.29	9.00	ppb
Molybdenum	98-1	0.32	0.32	0.37	0.34	8.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.23	0.24	0.23	3.98	ppb
Phosphorus	31-2	-3.02	-17.54	-17.05	-12.54		ppb
Potassium	39-2	82.61	86.09	82.06	83.59	2.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.59	0.57	1.66	0.94	66.15	ppb
Selenium	77-2	0.44	0.43	0.00	0.29	86.61	ppb
Selenium	78-2	-0.07	-0.42	-0.22	-0.24		ppb
Silicon	28-1	365.85	373.21	377.44	372.17	1.58	ppb
Silver	107-1	0.00	0.01	0.01	0.01	82.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.26	ppb
Sodium	23-2	5290.35	5499.69	5185.69	5325.24	3.00	ppb
Strontium	86-1	385.49	371.01	406.62	387.71	4.62	ppb
Strontium	88-1	379.79	363.81	380.60	374.73	2.53	ppb
Sulfur	34-1	86428.79	84395.28	89705.42	86843.16	3.09	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:48:22	DataFile Name :	155AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.27	0.32	0.29	0.29	8.49	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	5.79	ppb
Vanadium	51-2	0.13	0.13	0.11	0.12	10.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.24	0.26	0.25	0.25	4.27	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	33.21	ppb
Zirconium	91-1	0.00	0.01	0.00	0.01	56.01	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:51:19	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.21	-2.06	-2.26	-2.18		ppb
Antimony	121-1	0.01	0.02	0.00	0.01	66.04	ppb
Arsenic	75-2	9.72	9.76	9.65	9.71	0.58	ppb
Barium	135-1	1.55	1.47	1.53	1.51	2.80	ppb
Barium	137-1	1.53	1.51	1.36	1.46	6.22	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	46.72	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	4.36	4.82	4.93	4.70	6.46	ppb
Boron	11-1	4.70	5.21	5.15	5.02	5.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.03	-0.01	0.00		ppb
Cadmium	106-1	0.69	-1.13	-0.36	-0.27		ppb
Cadmium	108-1	-0.13	-0.09	0.03	-0.06		ppb
Calcium	43-1	15611.13	15500.42	16271.38	15794.31	2.64	ppb
Calcium	44-1	15795.78	15891.07	16054.05	15913.63	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.10	-0.12	-0.14	-0.12		ppb
Cobalt	59-2	0.10	0.13	0.09	0.11	18.99	ppb
Copper	63-2	0.07	0.04	0.02	0.04	58.89	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				110		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	333.10	342.67	333.21	336.33	1.63	ppb
Iron	56-2	335.49	344.70	340.31	340.17	1.35	ppb
Iron	57-2	355.74	359.09	347.23	354.02	1.73	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:51:19	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.05	0.05	0.04	38.16	ppb
Lead	207-1	0.02	0.03	0.02	0.02	19.77	ppb
Lead	208-1	0.02	0.04	0.04	0.03	23.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	9707.48	9894.39	9661.45	9754.44	1.26	ppb
Manganese	55-2	16.37	17.15	15.92	16.48	3.77	ppb
Molybdenum	94-1	0.22	0.22	0.20	0.21	5.98	ppb
Molybdenum	95-1	0.26	0.24	0.26	0.25	3.62	ppb
Molybdenum	96-1	0.24	0.22	0.26	0.24	7.70	ppb
Molybdenum	97-1	0.34	0.33	0.30	0.32	6.03	ppb
Molybdenum	98-1	0.25	0.28	0.28	0.27	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.31	0.32	0.31	6.03	ppb
Phosphorus	31-2	-29.67	-26.29	-15.99	-23.98		ppb
Potassium	39-2	135.38	131.53	139.42	135.44	2.91	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	-0.21	1.20	0.49	0.49	141.74	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.73	-1.29	-0.71	-0.91		ppb
Silicon	28-1	65.78	67.56	68.42	67.26	2.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.39	ppb
Sodium	23-2	1720.66	1814.94	1731.28	1755.63	2.94	ppb
Strontium	86-1	393.43	377.31	402.96	391.23	3.31	ppb
Strontium	88-1	382.90	384.79	391.33	386.34	1.14	ppb
Sulfur	34-1	18626.58	19058.59	20336.12	19340.43	4.60	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.01	-0.03	-0.01	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:51:19	DataFile Name :	156AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.05	0.01	0.03	56.34	ppb
Uranium	238-1	0.08	0.08	0.09	0.08	5.10	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	78.66	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	0.10	0.12	0.11	0.11	7.73	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	125.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:54:16	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.80	-1.79	-2.07	-1.89		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	128.73	ppb
Arsenic	75-2	0.91	0.89	0.97	0.93	4.26	ppb
Barium	135-1	2.05	1.87	2.00	1.97	4.92	ppb
Barium	137-1	1.97	2.00	1.93	1.97	1.63	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	4.46	4.96	4.99	4.80	6.24	ppb
Boron	11-1	4.69	5.01	5.11	4.94	4.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.00	0.02	0.02	67.44	ppb
Cadmium	106-1	0.27	-0.47	0.82	0.21	311.22	ppb
Cadmium	108-1	-0.10	-0.19	-0.15	-0.15		ppb
Calcium	43-1	18501.00	19058.58	18931.24	18830.27	1.55	ppb
Calcium	44-1	19014.96	19662.20	19019.74	19232.30	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.08	-0.06	-0.06		ppb
Cobalt	59-2	0.46	0.48	0.47	0.47	2.22	ppb
Copper	63-2	0.06	0.10	0.07	0.08	25.77	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				108		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	56.90	55.45	55.54	55.96	1.46	ppb
Iron	56-2	56.71	56.93	58.03	57.22	1.24	ppb
Iron	57-2	75.73	72.81	73.43	73.99	2.08	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:54:16	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.05	0.06	24.49	ppb
Lead	207-1	0.04	0.05	0.04	0.04	15.03	ppb
Lead	208-1	0.06	0.05	0.06	0.05	5.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	10136.96	9916.70	9948.31	10000.66	1.19	ppb
Manganese	55-2	116.65	114.06	115.07	115.26	1.13	ppb
Molybdenum	94-1	0.06	0.05	0.01	0.04	63.62	ppb
Molybdenum	95-1	0.06	0.07	0.07	0.07	11.14	ppb
Molybdenum	96-1	0.03	0.04	0.05	0.04	22.35	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	2.76	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.39	0.36	0.41	12.53	ppb
Phosphorus	31-2	-29.00	-31.91	-30.44	-30.45		ppb
Potassium	39-2	185.71	187.77	181.92	185.13	1.60	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.27	1.29	0.92	0.83	62.35	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.91	-0.62	-0.39	-0.64		ppb
Silicon	28-1	56.42	60.25	56.00	57.56	4.07	ppb
Silver	107-1	0.01	0.00	0.01	0.01	28.69	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.10	ppb
Sodium	23-2	1408.00	1383.40	1387.26	1392.89	0.95	ppb
Strontium	86-1	487.11	485.12	480.18	484.14	0.74	ppb
Strontium	88-1	485.42	471.09	467.52	474.68	2.00	ppb
Sulfur	34-1	23043.98	23077.75	22434.00	22851.91	1.59	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.03	0.00	-0.01	0.01	335.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:54:16	DataFile Name :	157AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.04	0.04	0.03	49.85	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	12.81	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	320.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.50	0.54	0.49	0.51	4.59	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	210.48	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:57:16	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.29	-2.50	-2.28	-2.36		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	14.29	13.69	13.80	13.93	2.28	ppb
Barium	135-1	1.90	1.81	1.71	1.81	5.06	ppb
Barium	137-1	1.92	1.75	1.70	1.79	6.30	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	67.59	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	4.68	4.84	4.69	4.74	1.90	ppb
Boron	11-1	4.58	5.11	4.59	4.76	6.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	-0.01	-0.02		ppb
Cadmium	106-1	-1.19	-0.03	-0.95	-0.72		ppb
Cadmium	108-1	-0.15	-0.04	-0.10	-0.10		ppb
Calcium	43-1	16493.12	16663.86	15485.32	16214.10	3.93	ppb
Calcium	44-1	17081.08	16652.47	15201.84	16311.80	6.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.07	-0.05	-0.08		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	59.60	ppb
Copper	63-2	0.04	0.05	0.01	0.03	71.73	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				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	647.30	644.33	627.27	639.63	1.69	ppb
Iron	56-2	695.16	670.95	668.53	678.21	2.17	ppb
Iron	57-2	646.39	642.53	644.34	644.42	0.30	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:57:16	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.03	0.04	26.43	ppb
Lead	207-1	0.03	0.03	0.02	0.03	13.69	ppb
Lead	208-1	0.04	0.04	0.03	0.03	18.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	11366.59	11389.27	11669.54	11475.13	1.47	ppb
Manganese	55-2	140.37	143.31	139.91	141.20	1.31	ppb
Molybdenum	94-1	0.02	0.02	0.02	0.02	23.57	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.01	55.50	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	41.35	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	146.61	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	47.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.04	0.04	8.77	ppb
Phosphorus	31-2	-18.03	7.15	-3.63	-4.84		ppb
Potassium	39-2	165.05	165.09	171.17	167.10	2.11	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.62	0.30	0.15	0.35	67.16	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.03	-1.16	-0.13	-0.77		ppb
Silicon	28-1	79.50	77.97	70.23	75.90	6.55	ppb
Silver	107-1	0.01	0.01	0.00	0.01	49.79	ppb
Silver	109-1	0.00	0.01	0.01	0.01	33.18	ppb
Sodium	23-2	1433.54	1393.88	1464.80	1430.74	2.48	ppb
Strontium	86-1	353.27	320.74	310.86	328.29	6.76	ppb
Strontium	88-1	345.02	314.77	301.88	320.56	6.91	ppb
Sulfur	34-1	22060.31	21971.43	20412.45	21481.40	4.31	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.01	-0.04	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:57:16	DataFile Name :	158AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.09	0.07	0.07	22.96	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	127.56	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	360.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.13	0.06	0.10	0.10	35.16	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.01	0.00	0.01	120.26	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:00:12	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.17	-2.16	-2.26	-2.19		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.16	0.14	0.12	0.14	15.35	ppb
Barium	135-1	0.72	0.91	0.81	0.81	12.18	ppb
Barium	137-1	0.80	0.93	0.81	0.84	8.39	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	56.15	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	3.85	3.84	3.90	3.87	0.82	ppb
Boron	11-1	3.81	3.87	4.22	3.97	5.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.04	-0.05	0.00		ppb
Cadmium	106-1	-0.32	1.57	-2.17	-0.31		ppb
Cadmium	108-1	-0.16	-0.10	-0.14	-0.13		ppb
Calcium	43-1	13737.19	14151.24	13918.17	13935.53	1.49	ppb
Calcium	44-1	14765.28	14054.27	14379.38	14399.64	2.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.10	-0.12	-0.11		ppb
Cobalt	59-2	0.23	0.23	0.22	0.23	2.08	ppb
Copper	63-2	0.07	0.07	0.10	0.08	24.29	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				108		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	89.06	85.56	84.46	86.36	2.78	ppb
Iron	56-2	90.21	86.86	85.94	87.67	2.57	ppb
Iron	57-2	102.16	94.76	97.98	98.30	3.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:00:12	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.04	0.04	22.00	ppb
Lead	207-1	0.03	0.05	0.03	0.04	25.51	ppb
Lead	208-1	0.04	0.04	0.03	0.04	17.14	ppb
Lithium	6-1				100		%
Magnesium	24-2	10164.28	9994.85	9845.61	10001.58	1.59	ppb
Manganese	55-2	130.94	126.50	128.76	128.73	1.73	ppb
Molybdenum	94-1	0.05	0.06	0.02	0.04	40.99	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	3.50	ppb
Molybdenum	96-1	0.08	0.06	0.07	0.07	10.62	ppb
Molybdenum	97-1	0.06	0.07	0.08	0.07	11.27	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	7.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.09	0.10	0.09	14.19	ppb
Phosphorus	31-2	-23.03	-26.41	-30.43	-26.63		ppb
Potassium	39-2	112.17	109.42	110.28	110.62	1.27	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.95	0.24	-0.18	0.34	169.65	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.68	-0.88	-0.38	-0.65		ppb
Silicon	28-1	64.75	66.93	66.70	66.13	1.81	ppb
Silver	107-1	0.01	0.01	0.00	0.01	27.05	ppb
Silver	109-1	0.00	0.01	0.01	0.01	55.53	ppb
Sodium	23-2	1295.51	1247.66	1242.45	1261.87	2.32	ppb
Strontium	86-1	268.57	256.69	261.00	262.09	2.29	ppb
Strontium	88-1	255.37	252.15	253.55	253.69	0.64	ppb
Sulfur	34-1	19521.84	20214.82	20473.68	20070.11	2.45	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.01	0.01	-0.01	0.00	280.96	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:00:12	DataFile Name :	159AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.06	0.03	0.06	51.78	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.93	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	36.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.60	0.38	0.34	0.44	31.35	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.02	0.01	0.00	287.71	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:03:11	DataFile Name :	160AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	0.62	0.58	0.64	10.21	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	173.57	ppb
Arsenic	75-2	1.93	2.04	1.86	1.94	4.65	ppb
Barium	135-1	2.45	2.20	2.17	2.27	6.77	ppb
Barium	137-1	2.21	2.36	2.26	2.28	3.28	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	74.15	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	5.79	6.41	6.44	6.21	5.91	ppb
Boron	11-1	5.87	6.55	6.74	6.39	7.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.04	0.01	-0.01		ppb
Cadmium	106-1	-0.12	-1.72	0.06	-0.59		ppb
Cadmium	108-1	-0.09	-0.17	-0.07	-0.11		ppb
Calcium	43-1	38292.67	38356.25	37316.89	37988.60	1.53	ppb
Calcium	44-1	37043.50	38332.06	36269.33	37214.96	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.05	0.05	0.04	33.70	ppb
Cobalt	59-2	0.25	0.27	0.25	0.26	5.25	ppb
Copper	63-2	0.09	0.11	0.08	0.09	14.81	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				111		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	280.36	281.26	282.59	281.40	0.40	ppb
Iron	56-2	298.43	280.87	288.70	289.33	3.04	ppb
Iron	57-2	326.78	306.40	308.93	314.04	3.54	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:03:11	DataFile Name :	160AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.05	0.04	9.58	ppb
Lead	207-1	0.05	0.05	0.04	0.05	18.01	ppb
Lead	208-1	0.05	0.05	0.04	0.05	14.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	21875.44	22550.77	21668.99	22031.73	2.09	ppb
Manganese	55-2	283.01	277.37	277.60	279.33	1.14	ppb
Molybdenum	94-1	0.18	0.18	0.18	0.18	1.25	ppb
Molybdenum	95-1	0.20	0.20	0.23	0.21	6.43	ppb
Molybdenum	96-1	0.18	0.16	0.15	0.16	9.03	ppb
Molybdenum	97-1	0.19	0.17	0.19	0.18	8.08	ppb
Molybdenum	98-1	0.19	0.19	0.18	0.19	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.81	0.83	0.80	3.81	ppb
Phosphorus	31-2	-23.26	-19.44	-9.82	-17.51		ppb
Potassium	39-2	222.96	209.43	221.57	217.99	3.42	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.27	0.72	0.58	0.52	44.39	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.77	0.10	-0.30		ppb
Silicon	28-1	344.43	341.33	347.38	344.38	0.88	ppb
Silver	107-1	0.00	0.00	0.01	0.00	52.12	ppb
Silver	109-1	0.00	0.00	0.01	0.01	80.28	ppb
Sodium	23-2	4043.69	4115.74	3870.36	4009.93	3.15	ppb
Strontium	86-1	297.27	306.26	299.07	300.87	1.58	ppb
Strontium	88-1	293.43	296.28	297.56	295.76	0.71	ppb
Sulfur	34-1	40639.80	40740.93	40987.49	40789.41	0.44	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.01	0.03	-0.01	0.01	188.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:03:11	DataFile Name :	160AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.41	0.34	0.38	9.70	ppb
Uranium	238-1	0.13	0.14	0.13	0.13	2.27	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	21.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.22	0.28	0.21	0.24	15.31	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00	1029.17	ppb
Zirconium	91-1	0.00	0.01	0.00	0.01	119.72	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:06:05	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.06	-1.32	-0.34	-0.91		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	2.10	2.01	2.15	2.09	3.35	ppb
Barium	135-1	2.24	2.23	2.30	2.25	1.72	ppb
Barium	137-1	2.41	2.22	2.20	2.28	4.98	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	48.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	5.62	6.16	6.64	6.14	8.33	ppb
Boron	11-1	6.10	6.49	6.84	6.48	5.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-0.70	-0.48	-0.15	-0.45		ppb
Cadmium	108-1	-0.10	-0.21	-0.21	-0.17		ppb
Calcium	43-1	35931.56	37272.32	35569.24	36257.71	2.47	ppb
Calcium	44-1	36080.15	36080.64	35210.21	35790.33	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.02	0.06	-0.01		ppb
Cobalt	59-2	0.25	0.27	0.28	0.27	6.58	ppb
Copper	63-2	0.05	0.03	0.05	0.04	28.01	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				108		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	280.48	290.74	323.53	298.25	7.54	ppb
Iron	56-2	289.29	287.39	324.41	300.36	6.94	ppb
Iron	57-2	315.76	315.61	362.07	331.14	8.09	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:06:05	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.07	0.05	34.83	ppb
Lead	207-1	0.04	0.03	0.05	0.04	24.46	ppb
Lead	208-1	0.05	0.04	0.05	0.05	10.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	22508.85	22324.40	24801.44	23211.57	5.95	ppb
Manganese	55-2	282.15	281.50	315.05	292.90	6.55	ppb
Molybdenum	94-1	0.15	0.15	0.16	0.15	4.84	ppb
Molybdenum	95-1	0.22	0.25	0.23	0.23	7.81	ppb
Molybdenum	96-1	0.22	0.20	0.21	0.21	3.63	ppb
Molybdenum	97-1	0.20	0.23	0.17	0.20	14.78	ppb
Molybdenum	98-1	0.19	0.21	0.19	0.20	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.71	0.60	0.74	0.68	10.68	ppb
Phosphorus	31-2	-20.71	-14.41	-23.69	-19.60		ppb
Potassium	39-2	226.84	235.87	271.18	244.63	9.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				97		%
Selenium	82-1	0.57	-0.02	2.23	0.93	125.42	ppb
Selenium	77-2	0.44	0.00	0.00	0.15	173.21	ppb
Selenium	78-2	-0.65	-0.56	-0.59	-0.60		ppb
Silicon	28-1	334.23	328.56	327.71	330.17	1.07	ppb
Silver	107-1	0.01	0.01	0.00	0.01	47.60	ppb
Silver	109-1	0.01	0.00	0.00	0.00	56.74	ppb
Sodium	23-2	3976.57	4059.75	4517.32	4184.55	6.96	ppb
Strontium	86-1	309.05	306.98	293.04	303.02	2.87	ppb
Strontium	88-1	300.62	297.28	297.93	298.61	0.59	ppb
Sulfur	34-1	37516.76	40697.20	38434.38	38882.78	4.21	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	-0.02	0.01	0.01	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:06:05	DataFile Name :	161AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.27	0.21	0.22	21.08	ppb
Uranium	238-1	0.13	0.14	0.13	0.13	6.45	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	8.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	1.57	1.72	1.89	1.73	9.20	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	165.14	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	107.46	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:09:01	DataFile Name :	162AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.87	-1.81	-2.12	-1.93		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	81.00	ppb
Arsenic	75-2	0.77	0.77	0.76	0.76	0.33	ppb
Barium	135-1	2.65	2.79	2.58	2.67	4.07	ppb
Barium	137-1	2.68	2.73	2.56	2.65	3.33	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	51.33	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	2.59	3.00	3.29	2.96	11.86	ppb
Boron	11-1	2.86	3.25	3.50	3.20	10.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.02	-0.03	-0.01		ppb
Cadmium	106-1	0.04	-0.82	-1.42	-0.73		ppb
Cadmium	108-1	-0.18	-0.05	-0.12	-0.12		ppb
Calcium	43-1	13196.42	13341.88	13149.66	13229.32	0.76	ppb
Calcium	44-1	13276.15	13824.85	13142.18	13414.39	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.08	-0.04		ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	14.16	ppb
Copper	63-2	0.17	0.18	0.18	0.18	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				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	2.96	2.90	2.15	2.67	16.96	ppb
Iron	56-2	2.88	3.07	2.89	2.95	3.55	ppb
Iron	57-2	12.44	13.54	11.89	12.62	6.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:09:01	DataFile Name :	162AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.06	0.06	18.78	ppb
Lead	207-1	0.05	0.06	0.05	0.05	15.83	ppb
Lead	208-1	0.05	0.06	0.05	0.05	16.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	11529.02	11247.67	11144.63	11307.11	1.76	ppb
Manganese	55-2	7.32	7.40	7.57	7.43	1.69	ppb
Molybdenum	94-1	0.07	0.11	0.06	0.08	34.79	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.10	5.95	ppb
Molybdenum	96-1	0.07	0.09	0.07	0.08	13.01	ppb
Molybdenum	97-1	0.12	0.11	0.11	0.11	4.74	ppb
Molybdenum	98-1	0.09	0.08	0.09	0.09	10.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.10	0.10	0.09	22.92	ppb
Phosphorus	31-2	-21.10	-23.50	-29.23	-24.61		ppb
Potassium	39-2	112.14	113.53	106.07	110.58	3.58	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	0.57	0.42	1.24	0.74	58.71	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.09	-0.74	-0.95	-0.93		ppb
Silicon	28-1	59.70	61.36	60.54	60.53	1.37	ppb
Silver	107-1	0.00	0.01	0.00	0.00	81.95	ppb
Silver	109-1	0.00	0.01	0.00	0.00	48.03	ppb
Sodium	23-2	1899.40	1844.26	1946.20	1896.62	2.69	ppb
Strontium	86-1	241.94	246.28	253.99	247.40	2.47	ppb
Strontium	88-1	246.67	246.45	256.40	249.84	2.27	ppb
Sulfur	34-1	20038.67	21173.81	20323.19	20511.89	2.88	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	0.00	-0.02	-0.01		ppb
Tin	118-1	0.05	0.03	0.05	0.04	32.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:09:01	DataFile Name :	162AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.06	0.05	0.06	9.11	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	10.23	ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	26.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	1.10	1.15	1.20	1.15	4.21	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.00	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:11:58	DataFile Name :	163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.39	25.80	25.81	25.67	0.93	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	29.03	ppb
Arsenic	75-2	581.91	599.16	601.07	594.05	1.78	ppb
Barium	135-1	31.58	31.87	32.78	32.08	1.94	ppb
Barium	137-1	30.97	31.07	31.70	31.25	1.26	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	13.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	84.68	87.88	87.17	86.58	1.94	ppb
Boron	11-1	88.52	91.47	95.02	91.67	3.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	-0.02	-0.01		ppb
Cadmium	106-1	-0.81	-1.01	-1.15	-0.99		ppb
Cadmium	108-1	-0.20	-0.17	-0.06	-0.14		ppb
Calcium	43-1	356748.30	387268.30	377361.69	373792.76	4.17	ppb
Calcium	44-1	352976.09	387215.89	373553.36	371248.44	4.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.96	2.08	2.00	3.62	ppb
Cobalt	59-2	0.33	0.31	0.32	0.32	3.39	ppb
Copper	63-2	0.45	0.51	0.51	0.49	7.09	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				108		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	13931.73	13880.10	14207.88	14006.57	1.26	ppb
Iron	56-2	13710.86	13677.83	13912.25	13766.98	0.92	ppb
Iron	57-2	13668.48	13790.67	13647.42	13702.19	0.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:11:58	DataFile Name :	163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.38	0.38	0.36	0.37	2.13	ppb
Lead	207-1	0.32	0.35	0.35	0.34	4.79	ppb
Lead	208-1	0.36	0.35	0.35	0.35	1.73	ppb
Lithium	6-1				97		%
Magnesium	24-2	248358.02	245985.21	237696.22	244013.15	2.29	ppb
Manganese	55-2	861.72	871.19	885.73	872.88	1.39	ppb
Molybdenum	94-1	0.47	0.48	0.47	0.48	0.90	ppb
Molybdenum	95-1	0.26	0.31	0.24	0.27	13.39	ppb
Molybdenum	96-1	0.59	0.59	0.52	0.57	6.78	ppb
Molybdenum	97-1	0.27	0.25	0.26	0.26	3.81	ppb
Molybdenum	98-1	0.22	0.23	0.23	0.23	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.40	1.44	1.43	1.72	ppb
Phosphorus	31-2	179.13	173.44	133.43	162.00	15.37	ppb
Potassium	39-2	5329.11	5313.03	5177.65	5273.26	1.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	3.03	1.79	1.50	2.11	38.52	ppb
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	0.34	-1.23	-0.55	-0.48		ppb
Silicon	28-1	1777.76	1936.15	1801.10	1838.34	4.65	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.13	ppb
Silver	109-1	0.01	0.00	0.01	0.01	53.33	ppb
Sodium	23-2	24358.35	24597.93	23981.14	24312.47	1.28	ppb
Strontium	86-1	10026.73	10096.38	9405.53	9842.88	3.86	ppb
Strontium	88-1	9970.28	9964.51	9389.23	9774.67	3.42	ppb
Sulfur	34-1	497067.34	495985.20	494697.94	495916.83	0.24	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.11	0.09	0.11	0.10	7.70	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:11:58	DataFile Name :	163AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.97	3.15	3.00	3.04	3.18	ppb
Uranium	238-1	0.06	0.06	0.05	0.06	9.94	ppb
Vanadium	51-2	0.22	0.21	0.18	0.21	9.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	2.41	2.51	2.34	2.42	3.52	ppb
Zirconium	90-1	0.12	0.13	0.12	0.12	4.39	ppb
Zirconium	91-1	0.28	0.26	0.28	0.27	5.11	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:14:55	DataFile Name :	164AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.40	27.93	27.48	27.94	1.65	ppb
Antimony	121-1	0.14	0.15	0.13	0.14	9.27	ppb
Arsenic	75-2	20.72	20.57	21.18	20.82	1.53	ppb
Barium	135-1	20.08	20.40	20.44	20.30	0.97	ppb
Barium	137-1	20.36	20.61	19.69	20.22	2.36	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	75.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	46.11	44.84	45.24	45.40	1.44	ppb
Boron	11-1	48.19	47.26	48.83	48.10	1.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.02	-0.01	0.00	522.02	ppb
Cadmium	106-1	-1.59	-1.01	-1.58	-1.40		ppb
Cadmium	108-1	-0.10	-0.04	-0.14	-0.10		ppb
Calcium	43-1	298000.62	290185.34	304818.04	297668.00	2.46	ppb
Calcium	44-1	295747.56	293643.20	303411.58	297600.78	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.10	0.03	0.05	66.76	ppb
Cobalt	59-2	1.78	1.78	1.82	1.79	1.30	ppb
Copper	63-2	2.49	2.63	2.55	2.56	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				114		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	147.36	148.43	145.30	147.03	1.08	ppb
Iron	56-2	147.07	146.93	144.51	146.17	0.99	ppb
Iron	57-2	350.61	357.02	358.88	355.50	1.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:14:55	DataFile Name :	164AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.24	0.24	0.23	7.41	ppb
Lead	207-1	0.16	0.21	0.21	0.19	14.50	ppb
Lead	208-1	0.19	0.21	0.20	0.20	5.75	ppb
Lithium	6-1				93		%
Magnesium	24-2	172295.43	174186.56	170508.11	172330.03	1.07	ppb
Manganese	55-2	205.22	202.00	201.67	202.96	0.97	ppb
Molybdenum	94-1	2.47	2.38	2.19	2.35	6.02	ppb
Molybdenum	95-1	2.84	2.65	2.65	2.71	4.08	ppb
Molybdenum	96-1	2.64	2.61	2.58	2.61	1.19	ppb
Molybdenum	97-1	2.81	2.75	2.67	2.74	2.63	ppb
Molybdenum	98-1	2.64	2.64	2.57	2.62	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.62	5.54	5.47	5.54	1.39	ppb
Phosphorus	31-2	-9.82	-9.62	-10.02	-9.82		ppb
Potassium	39-2	5719.08	5754.25	5648.56	5707.30	0.94	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	3.31	2.79	0.56	2.22	65.65	ppb
Selenium	77-2	0.84	0.00	0.00	0.28	173.21	ppb
Selenium	78-2	-0.55	0.48	0.16	0.03	1790.36	ppb
Silicon	28-1	708.45	712.09	700.13	706.89	0.87	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.23	ppb
Silver	109-1	0.00	0.01	0.00	0.00	106.47	ppb
Sodium	23-2	14201.70	14400.96	13876.75	14159.80	1.87	ppb
Strontium	86-1	10686.40	10463.57	10105.59	10418.52	2.81	ppb
Strontium	88-1	10727.06	10582.92	10231.70	10513.89	2.42	ppb
Sulfur	34-1	363371.63	378371.40	373109.94	371617.66	2.05	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.07	0.09	0.07	0.08	13.96	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:14:55	DataFile Name :	164AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.71	0.76	0.66	0.71	6.93	ppb
Uranium	238-1	0.53	0.54	0.55	0.54	1.98	ppb
Vanadium	51-2	0.05	0.06	0.06	0.06	5.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	4.53	4.57	4.73	4.61	2.25	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	44.40	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	14.30	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:17:51	DataFile Name :	165AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.40	4.51	4.65	4.19	16.34	ppb
Antimony	121-1	0.14	0.15	0.12	0.14	10.01	ppb
Arsenic	75-2	19.89	19.79	19.01	19.56	2.45	ppb
Barium	135-1	21.55	21.03	20.61	21.07	2.23	ppb
Barium	137-1	21.87	20.91	20.79	21.19	2.79	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	94.21	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	42.21	44.18	43.62	43.34	2.34	ppb
Boron	11-1	44.33	47.22	47.17	46.24	3.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	0.03	0.01	216.61	ppb
Cadmium	106-1	-1.70	-0.73	-0.21	-0.88		ppb
Cadmium	108-1	-0.14	-0.09	-0.17	-0.13		ppb
Calcium	43-1	301194.81	300931.95	288484.35	296870.37	2.45	ppb
Calcium	44-1	298195.24	304668.88	293866.14	298910.08	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.70	0.69	0.70	1.09	ppb
Cobalt	59-2	1.68	1.66	1.69	1.67	1.00	ppb
Copper	63-2	1.99	2.01	1.94	1.98	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	88.23	92.19	90.54	90.32	2.20	ppb
Iron	56-2	90.04	91.69	89.81	90.51	1.14	ppb
Iron	57-2	308.26	305.64	313.89	309.26	1.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:17:51	DataFile Name :	165AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.15	0.19	0.18	12.25	ppb
Lead	207-1	0.15	0.14	0.20	0.16	18.02	ppb
Lead	208-1	0.17	0.15	0.18	0.16	9.61	ppb
Lithium	6-1				97		%
Magnesium	24-2	167128.05	169393.69	175691.66	170737.80	2.60	ppb
Manganese	55-2	192.44	191.68	194.34	192.82	0.71	ppb
Molybdenum	94-1	2.25	2.20	2.26	2.24	1.38	ppb
Molybdenum	95-1	2.66	2.74	2.74	2.71	1.71	ppb
Molybdenum	96-1	2.60	2.52	2.64	2.59	2.34	ppb
Molybdenum	97-1	2.73	2.70	2.57	2.66	3.12	ppb
Molybdenum	98-1	2.65	2.60	2.71	2.66	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.38	5.26	5.28	5.31	1.27	ppb
Phosphorus	31-2	-21.14	-5.40	-15.74	-14.10		ppb
Potassium	39-2	5769.28	5693.55	5917.78	5793.53	1.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	82-1	1.79	1.39	2.12	1.77	20.53	ppb
Selenium	77-2	0.82	0.40	1.62	0.94	65.37	ppb
Selenium	78-2	-0.50	-0.13	-0.53	-0.39		ppb
Silicon	28-1	691.52	680.83	663.74	678.70	2.06	ppb
Silver	107-1	0.00	0.01	0.01	0.01	43.06	ppb
Silver	109-1	0.01	0.01	0.00	0.01	49.63	ppb
Sodium	23-2	13758.19	13904.41	14615.56	14092.72	3.25	ppb
Strontium	86-1	10454.27	10420.66	10764.40	10546.44	1.80	ppb
Strontium	88-1	10555.36	10664.05	10510.87	10576.76	0.75	ppb
Sulfur	34-1	359996.62	361061.51	356487.04	359181.72	0.67	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	-0.03	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.11	0.14	0.12	0.12	9.86	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:17:51	DataFile Name :	165AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.66	0.51	0.56	0.57	13.19	ppb
Uranium	238-1	0.55	0.54	0.57	0.55	2.82	ppb
Vanadium	51-2	0.05	0.04	0.05	0.04	13.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	4.20	4.44	4.35	4.33	2.76	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.52	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	41.28	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:20:48	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.49	3.46	3.60	3.85	14.46	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	12.73	ppb
Arsenic	75-2	4.53	4.39	3.93	4.28	7.35	ppb
Barium	135-1	4.26	4.18	4.11	4.18	1.82	ppb
Barium	137-1	4.32	4.32	4.30	4.31	0.31	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	59.46	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	12.68	12.15	11.27	12.03	5.91	ppb
Boron	11-1	13.24	13.04	12.45	12.91	3.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.00	0.02	0.02	80.28	ppb
Cadmium	106-1	1.31	-0.63	0.09	0.26	378.14	ppb
Cadmium	108-1	-0.06	-0.23	-0.11	-0.13		ppb
Calcium	43-1	60835.01	59193.42	58702.44	59576.96	1.87	ppb
Calcium	44-1	59753.85	60154.16	58739.08	59549.03	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.05	-0.12	-0.06		ppb
Cobalt	59-2	0.40	0.37	0.33	0.37	9.46	ppb
Copper	63-2	0.63	0.56	0.50	0.56	11.65	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				112		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	34.90	30.02	27.05	30.66	12.93	ppb
Iron	56-2	33.86	29.64	27.04	30.18	11.40	ppb
Iron	57-2	75.86	74.05	71.27	73.73	3.13	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:20:48	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.07	0.08	15.41	ppb
Lead	207-1	0.06	0.04	0.06	0.05	19.84	ppb
Lead	208-1	0.06	0.07	0.06	0.06	10.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	37404.73	34835.25	32514.73	34918.24	7.01	ppb
Manganese	55-2	46.81	41.95	36.97	41.91	11.74	ppb
Molybdenum	94-1	0.43	0.41	0.44	0.43	3.71	ppb
Molybdenum	95-1	0.55	0.48	0.59	0.54	9.87	ppb
Molybdenum	96-1	0.51	0.50	0.53	0.51	3.79	ppb
Molybdenum	97-1	0.50	0.49	0.57	0.52	8.24	ppb
Molybdenum	98-1	0.50	0.53	0.51	0.51	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.17	1.08	1.16	7.09	ppb
Phosphorus	31-2	-23.76	-17.64	-27.17	-22.86		ppb
Potassium	39-2	1233.76	1147.61	1022.15	1134.51	9.38	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	82-1	0.60	-0.79	1.21	0.34	299.30	ppb
Selenium	77-2	0.00	0.42	0.37	0.26	87.12	ppb
Selenium	78-2	-0.36	0.06	-0.75	-0.35		ppb
Silicon	28-1	134.84	132.75	135.39	134.33	1.04	ppb
Silver	107-1	0.01	0.01	0.00	0.01	59.50	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.07	ppb
Sodium	23-2	2970.57	2847.63	2715.55	2844.59	4.48	ppb
Strontium	86-1	2121.86	2117.42	2108.89	2116.06	0.31	ppb
Strontium	88-1	2071.15	2078.92	2141.70	2097.26	1.84	ppb
Sulfur	34-1	72726.53	76110.00	74702.44	74512.99	2.28	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.01	-0.01	0.03	0.01	147.54	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:20:48	DataFile Name :	166AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.17	0.18	0.18	3.12	ppb
Uranium	238-1	0.10	0.10	0.11	0.10	5.81	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	55.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	1.09	1.07	0.96	1.04	7.00	ppb
Zirconium	90-1	-0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	92.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:23:42	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1862.87	1843.72	1832.15	1846.24	0.84	ppb
Antimony	121-1	98.38	99.34	100.61	99.44	1.13	ppb
Arsenic	75-2	61.70	61.08	59.20	60.66	2.15	ppb
Barium	135-1	1881.19	1944.51	1948.09	1924.60	1.96	ppb
Barium	137-1	1857.73	1926.44	1911.38	1898.51	1.90	ppb
Beryllium	9-1	44.54	47.19	47.52	46.41	3.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	41.97	43.03	44.39	43.13	2.82	ppb
Boron	11-1	43.82	46.64	49.68	46.71	6.26	ppb
Bromine	81-1						cps
Cadmium	111-1	46.97	48.79	48.06	47.94	1.90	ppb
Cadmium	106-1	37.88	39.48	38.15	38.50	2.23	ppb
Cadmium	108-1	39.12	40.76	42.06	40.65	3.63	ppb
Calcium	43-1	290128.43	304300.18	276670.01	290366.20	4.76	ppb
Calcium	44-1	293637.17	295977.64	276517.91	288710.91	3.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	182.06	183.30	177.75	181.03	1.61	ppb
Cobalt	59-2	499.32	471.40	470.65	480.45	3.40	ppb
Copper	63-2	230.01	229.74	224.44	228.06	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				115		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	54-2	1241.88	1197.95	1201.26	1213.70	2.02	ppb
Iron	56-2	1134.94	1095.52	1076.49	1102.32	2.70	ppb
Iron	57-2	1291.85	1249.22	1262.49	1267.85	1.72	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:23:42	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	17.77	18.17	18.27	18.07	1.45	ppb
Lead	207-1	18.44	18.82	19.07	18.78	1.70	ppb
Lead	208-1	18.10	18.75	18.54	18.46	1.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	172228.20	172195.06	172206.91	172210.06	0.01	ppb
Manganese	55-2	641.19	626.09	614.06	627.11	2.17	ppb
Molybdenum	94-1	42.23	42.55	41.57	42.12	1.18	ppb
Molybdenum	95-1	52.07	52.02	49.69	51.26	2.65	ppb
Molybdenum	96-1	51.27	49.30	50.16	50.24	1.97	ppb
Molybdenum	97-1	53.34	52.56	50.63	52.18	2.67	ppb
Molybdenum	98-1	52.46	51.16	50.92	51.51	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	456.90	446.43	442.68	448.67	1.64	ppb
Phosphorus	31-2	-12.92	-10.52	-18.31	-13.92		ppb
Potassium	39-2	5839.70	5963.73	5490.59	5764.67	4.26	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				108		%
Selenium	82-1	99.82	97.82	95.41	97.68	2.26	ppb
Selenium	77-2	116.81	97.09	103.63	105.84	9.49	ppb
Selenium	78-2	96.73	96.47	91.16	94.78	3.32	ppb
Silicon	28-1	698.59	707.96	668.34	691.63	2.99	ppb
Silver	107-1	47.77	47.08	46.44	47.09	1.42	ppb
Silver	109-1	45.88	47.87	49.27	47.68	3.57	ppb
Sodium	23-2	14110.98	14150.34	14105.59	14122.30	0.17	ppb
Strontium	86-1	11127.65	10732.19	10459.97	10773.27	3.12	ppb
Strontium	88-1	10841.79	10372.55	10528.61	10580.98	2.26	ppb
Sulfur	34-1	362297.36	381699.28	346391.67	363462.77	4.87	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	48.28	46.58	46.96	47.27	1.89	ppb
Thallium	205-1	47.29	47.70	47.20	47.40	0.56	ppb
Tin	118-1	0.12	0.14	0.13	0.13	5.79	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:23:42	DataFile Name :	167AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.59	0.61	0.55	0.58	5.94	ppb
Uranium	238-1	0.53	0.53	0.51	0.52	2.84	ppb
Vanadium	51-2	490.82	474.43	478.80	481.35	1.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	446.13	434.42	430.18	436.91	1.89	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	24.60	ppb
Zirconium	91-1	0.07	0.08	0.10	0.08	14.98	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:26:39	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.70	5.29	4.43	4.81	9.14	ppb
Antimony	121-1	0.12	0.10	0.09	0.10	11.80	ppb
Arsenic	75-2	0.49	0.52	0.54	0.52	5.38	ppb
Barium	135-1	10.42	10.70	10.29	10.47	1.99	ppb
Barium	137-1	10.36	10.37	10.51	10.41	0.79	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	50.71	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	9.15	9.71	9.87	9.58	3.96	ppb
Boron	11-1	9.88	10.09	10.89	10.29	5.19	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.02	0.01	-0.02		ppb
Cadmium	106-1	-2.70	-1.83	-0.85	-1.79		ppb
Cadmium	108-1	-0.10	-0.17	-0.14	-0.14		ppb
Calcium	43-1	360830.43	354836.94	339987.02	351884.80	3.05	ppb
Calcium	44-1	353395.00	358956.58	349373.06	353908.21	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.34	1.35	1.35	1.35	0.38	ppb
Cobalt	59-2	0.17	0.17	0.16	0.17	4.19	ppb
Copper	63-2	0.25	0.22	0.22	0.23	7.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	17.18	19.54	16.91	17.87	8.12	ppb
Iron	56-2	18.10	17.68	18.38	18.05	1.95	ppb
Iron	57-2	263.74	282.74	278.66	275.05	3.64	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:26:39	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.09	0.09	8.04	ppb
Lead	207-1	0.07	0.06	0.06	0.06	14.47	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.43	ppb
Lithium	6-1				98		%
Magnesium	24-2	157950.41	147065.95	159219.20	154745.19	4.32	ppb
Manganese	55-2	7.08	6.59	6.84	6.83	3.56	ppb
Molybdenum	94-1	1.34	1.29	1.27	1.30	2.77	ppb
Molybdenum	95-1	1.47	1.49	1.53	1.50	2.07	ppb
Molybdenum	96-1	1.46	1.40	1.43	1.43	1.91	ppb
Molybdenum	97-1	1.43	1.56	1.47	1.49	4.44	ppb
Molybdenum	98-1	1.48	1.55	1.52	1.52	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.41	1.34	1.37	3.06	ppb
Phosphorus	31-2	44.81	36.54	55.80	45.71	21.14	ppb
Potassium	39-2	414.24	406.88	419.09	413.40	1.49	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	4.57	3.19	3.90	3.89	17.79	ppb
Selenium	77-2	2.11	1.64	2.50	2.08	20.67	ppb
Selenium	78-2	0.53	2.11	0.48	1.04	89.47	ppb
Silicon	28-1	1838.45	1913.45	1809.29	1853.73	2.90	ppb
Silver	107-1	0.05	0.04	0.05	0.05	12.38	ppb
Silver	109-1	0.03	0.04	0.04	0.04	18.01	ppb
Sodium	23-2	26895.05	26397.24	26793.17	26695.15	0.99	ppb
Strontium	86-1	1925.96	1928.27	1883.17	1912.47	1.33	ppb
Strontium	88-1	1876.38	1888.72	1920.17	1895.09	1.19	ppb
Sulfur	34-1	425488.25	446210.83	438025.44	436574.84	2.39	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.02	-0.01		ppb
Tin	118-1	0.14	0.11	0.10	0.12	16.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:26:39	DataFile Name :	168AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.39	1.47	1.29	1.39	6.46	ppb
Uranium	238-1	0.34	0.36	0.35	0.35	3.68	ppb
Vanadium	51-2	0.72	0.73	0.68	0.71	3.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	0.93	0.95	0.77	0.88	11.02	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	62.68	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	19.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:29:34	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.51	4.96	4.87	5.12	6.75	ppb
Antimony	121-1	0.07	0.07	0.08	0.07	7.47	ppb
Arsenic	75-2	0.53	0.53	0.55	0.54	2.69	ppb
Barium	135-1	9.94	10.23	10.44	10.21	2.46	ppb
Barium	137-1	9.73	10.30	10.50	10.18	3.95	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	5.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	8.34	8.45	9.22	8.67	5.51	ppb
Boron	11-1	9.08	9.31	9.09	9.16	1.41	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.02	-0.01	-0.02		ppb
Cadmium	106-1	-2.33	-2.07	-1.47	-1.96		ppb
Cadmium	108-1	-0.20	-0.23	-0.20	-0.21		ppb
Calcium	43-1	339487.02	341960.79	353448.00	344965.27	2.16	ppb
Calcium	44-1	345914.47	353350.20	357684.30	352316.32	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.27	3.42	3.22	3.30	3.14	ppb
Cobalt	59-2	0.17	0.18	0.17	0.17	3.55	ppb
Copper	63-2	0.27	0.24	0.27	0.26	5.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	30.10	30.86	29.13	30.03	2.88	ppb
Iron	56-2	27.22	27.45	28.06	27.57	1.57	ppb
Iron	57-2	255.54	282.95	294.62	277.70	7.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:29:34	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.14	0.15	0.14	10.14	ppb
Lead	207-1	0.14	0.14	0.14	0.14	0.64	ppb
Lead	208-1	0.13	0.14	0.14	0.14	4.76	ppb
Lithium	6-1				96		%
Magnesium	24-2	153478.57	152393.37	153171.97	153014.64	0.37	ppb
Manganese	55-2	12.73	12.33	12.66	12.57	1.67	ppb
Molybdenum	94-1	1.28	1.32	1.32	1.30	1.53	ppb
Molybdenum	95-1	1.58	1.52	1.60	1.57	2.72	ppb
Molybdenum	96-1	1.52	1.50	1.50	1.50	0.66	ppb
Molybdenum	97-1	1.61	1.58	1.46	1.55	5.02	ppb
Molybdenum	98-1	1.61	1.54	1.50	1.55	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.40	2.44	2.48	2.44	1.72	ppb
Phosphorus	31-2	50.61	35.62	33.27	39.83	23.60	ppb
Potassium	39-2	578.88	579.58	572.89	577.12	0.64	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	1.79	3.22	3.80	2.94	35.12	ppb
Selenium	77-2	1.66	2.47	0.43	1.52	67.58	ppb
Selenium	78-2	0.34	1.31	1.44	1.03	58.44	ppb
Silicon	28-1	1799.36	1887.05	1883.85	1856.75	2.68	ppb
Silver	107-1	0.03	0.02	0.02	0.02	19.83	ppb
Silver	109-1	0.02	0.03	0.02	0.02	19.28	ppb
Sodium	23-2	27128.19	26770.56	26592.88	26830.55	1.02	ppb
Strontium	86-1	1956.82	1878.87	1904.76	1913.49	2.07	ppb
Strontium	88-1	1915.79	1895.51	1939.71	1917.00	1.15	ppb
Sulfur	34-1	420643.51	418343.15	442207.15	427064.60	3.08	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.17	0.16	0.16	0.17	4.70	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:29:34	DataFile Name :	169AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.41	1.43	1.51	1.45	3.92	ppb
Uranium	238-1	0.32	0.35	0.35	0.34	3.92	ppb
Vanadium	51-2	0.68	0.67	0.73	0.69	4.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	1.63	1.50	1.47	1.54	5.41	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	29.25	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	13.13	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:32:33	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.66	10.44	11.09	11.06	5.53	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	10.97	ppb
Arsenic	75-2	422.31	417.43	421.97	420.57	0.65	ppb
Barium	135-1	42.64	41.43	44.16	42.74	3.21	ppb
Barium	137-1	43.34	42.77	43.58	43.23	0.96	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	25.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	42.79	45.33	46.33	44.82	4.08	ppb
Boron	11-1	45.57	46.56	49.12	47.09	3.89	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.01	0.00		ppb
Cadmium	106-1	-1.36	-1.21	-1.78	-1.45		ppb
Cadmium	108-1	-0.11	-0.22	-0.17	-0.17		ppb
Calcium	43-1	192809.21	202910.19	187536.29	194418.57	4.02	ppb
Calcium	44-1	194191.55	191149.44	185787.66	190376.22	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.25	0.20	0.22	13.53	ppb
Cobalt	59-2	2.78	2.66	2.72	2.72	2.19	ppb
Copper	63-2	0.75	0.71	0.73	0.73	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				111		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	34121.35	34995.41	33881.46	34332.74	1.71	ppb
Iron	56-2	34453.39	34099.77	34595.56	34382.91	0.74	ppb
Iron	57-2	34813.55	35475.12	34398.67	34895.78	1.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:32:33	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.36	0.37	0.36	0.37	1.84	ppb
Lead	207-1	0.32	0.40	0.36	0.36	11.03	ppb
Lead	208-1	0.37	0.38	0.36	0.37	1.73	ppb
Lithium	6-1				96		%
Magnesium	24-2	149917.05	152895.63	149913.00	150908.56	1.14	ppb
Manganese	55-2	965.09	955.00	957.74	959.28	0.54	ppb
Molybdenum	94-1	5.05	4.81	4.92	4.93	2.42	ppb
Molybdenum	95-1	5.88	5.78	5.95	5.87	1.44	ppb
Molybdenum	96-1	6.47	6.18	6.54	6.40	3.03	ppb
Molybdenum	97-1	5.68	5.88	5.66	5.74	2.09	ppb
Molybdenum	98-1	5.67	5.57	5.78	5.67	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.08	2.87	2.97	2.97	3.58	ppb
Phosphorus	31-2	109.82	109.70	121.97	113.83	6.19	ppb
Potassium	39-2	2509.35	2546.97	2481.41	2512.58	1.31	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	1.59	1.68	0.99	1.42	26.31	ppb
Selenium	77-2	0.43	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	-0.67	0.12	-0.76	-0.44		ppb
Silicon	28-1	1852.43	1894.77	1901.62	1882.94	1.42	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.50	ppb
Silver	109-1	0.01	0.01	0.02	0.01	44.33	ppb
Sodium	23-2	15669.58	14942.46	15370.84	15327.63	2.38	ppb
Strontium	86-1	7380.46	7186.35	7066.45	7211.09	2.20	ppb
Strontium	88-1	7281.44	6949.44	7296.35	7175.74	2.73	ppb
Sulfur	34-1	195231.47	213923.32	198754.87	202636.55	4.90	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.19	0.19	0.20	0.19	2.98	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:32:33	DataFile Name :	170AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.30	1.39	1.24	1.31	5.80	ppb
Uranium	238-1	1.41	1.37	1.41	1.40	1.98	ppb
Vanadium	51-2	0.14	0.12	0.15	0.14	12.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	6.87	6.02	6.59	6.50	6.71	ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	11.54	ppb
Zirconium	91-1	0.18	0.18	0.19	0.18	3.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:35:27	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1649.20	1651.17	1635.82	1645.40	0.51	ppb
Antimony	121-1	0.65	0.64	0.67	0.65	2.85	ppb
Arsenic	75-2	79.41	81.94	78.59	79.98	2.18	ppb
Barium	135-1	43.67	42.23	43.21	43.04	1.71	ppb
Barium	137-1	43.52	41.95	42.86	42.78	1.85	ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	9.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	43.09	43.12	46.58	44.26	4.53	ppb
Boron	11-1	46.23	46.38	48.80	47.14	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	0.34	0.38	0.35	9.75	ppb
Cadmium	106-1	-1.68	-1.63	0.09	-1.07		ppb
Cadmium	108-1	0.34	0.24	0.28	0.29	16.63	ppb
Calcium	43-1	296516.12	296307.04	302754.92	298526.03	1.23	ppb
Calcium	44-1	301527.40	293918.70	305149.85	300198.65	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.57	2.59	2.49	2.55	2.02	ppb
Cobalt	59-2	8.79	8.56	8.54	8.63	1.65	ppb
Copper	63-2	13.65	14.06	13.62	13.78	1.75	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				112		%
Holmium	165-2				112		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	6421.04	6552.97	6484.20	6486.07	1.02	ppb
Iron	56-2	6824.07	6867.37	6696.58	6796.01	1.31	ppb
Iron	57-2	6745.18	6847.41	6573.21	6721.93	2.06	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:35:27	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5.17	5.07	5.07	5.10	1.11	ppb
Lead	207-1	4.81	4.92	5.07	4.94	2.68	ppb
Lead	208-1	4.94	5.01	5.11	5.02	1.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	203765.53	200651.85	200119.34	201512.24	0.98	ppb
Manganese	55-2	197.54	190.89	192.11	193.52	1.83	ppb
Molybdenum	94-1	5.33	5.36	5.20	5.30	1.66	ppb
Molybdenum	95-1	3.60	3.61	3.55	3.59	0.94	ppb
Molybdenum	96-1	3.89	4.06	3.79	3.91	3.46	ppb
Molybdenum	97-1	3.96	3.73	3.62	3.77	4.59	ppb
Molybdenum	98-1	3.66	3.63	3.51	3.60	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.30	19.75	20.24	20.10	1.49	ppb
Phosphorus	31-2	71.49	91.35	117.98	93.61	24.92	ppb
Potassium	39-2	5925.83	5906.28	5683.71	5838.61	2.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	3.27	2.53	2.60	2.80	14.65	ppb
Selenium	77-2	0.84	1.68	4.03	2.18	75.57	ppb
Selenium	78-2	0.48	0.45	0.33	0.42	19.23	ppb
Silicon	28-1	968.70	949.91	928.13	948.91	2.14	ppb
Silver	107-1	0.07	0.06	0.07	0.07	6.87	ppb
Silver	109-1	0.06	0.06	0.06	0.06	8.18	ppb
Sodium	23-2	16159.66	15779.74	15553.66	15831.02	1.93	ppb
Strontium	86-1	10749.09	10335.09	10430.01	10504.73	2.06	ppb
Strontium	88-1	10835.55	10692.85	10207.16	10578.52	3.11	ppb
Sulfur	34-1	398544.36	401679.72	410333.41	403519.16	1.51	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.01	0.01	0.00	201.19	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	156.03	ppb
Tin	118-1	0.16	0.14	0.15	0.15	7.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:35:27	DataFile Name :	171AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	44.65	45.20	45.24	45.03	0.73	ppb
Uranium	238-1	0.97	0.99	0.97	0.98	1.48	ppb
Vanadium	51-2	4.96	4.88	4.88	4.91	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	58.26	57.81	57.24	57.77	0.89	ppb
Zirconium	90-1	1.15	1.14	1.10	1.13	2.39	ppb
Zirconium	91-1	1.08	1.20	1.12	1.14	5.42	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:38:24	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.16	9.34	9.64	9.38	2.58	ppb
Antimony	121-1	0.06	0.08	0.08	0.07	12.82	ppb
Arsenic	75-2	20.89	21.23	22.11	21.41	2.95	ppb
Barium	135-1	29.86	31.75	31.85	31.15	3.60	ppb
Barium	137-1	28.82	30.97	31.10	30.30	4.23	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	129.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	46.09	49.06	49.34	48.16	3.73	ppb
Boron	11-1	49.67	52.15	52.54	51.45	3.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.00	-0.02	-0.02		ppb
Cadmium	106-1	-1.36	-0.90	-1.41	-1.22		ppb
Cadmium	108-1	-0.15	-0.23	-0.14	-0.17		ppb
Calcium	43-1	351827.95	362329.46	361323.51	358493.64	1.62	ppb
Calcium	44-1	344779.69	360880.27	375096.58	360252.18	4.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.76	2.75	2.89	2.80	2.81	ppb
Cobalt	59-2	2.86	2.84	2.92	2.88	1.46	ppb
Copper	63-2	1.45	1.48	1.46	1.46	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				110		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	376.95	354.43	367.92	366.43	3.09	ppb
Iron	56-2	372.24	370.43	371.56	371.41	0.25	ppb
Iron	57-2	580.13	633.09	650.63	621.29	5.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:38:24	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.33	0.28	0.29	13.21	ppb
Lead	207-1	0.26	0.29	0.30	0.28	6.93	ppb
Lead	208-1	0.26	0.30	0.29	0.28	5.87	ppb
Lithium	6-1				97		%
Magnesium	24-2	191125.58	192908.54	199859.59	194631.24	2.37	ppb
Manganese	55-2	1525.27	1476.26	1540.99	1514.17	2.23	ppb
Molybdenum	94-1	0.56	0.58	0.67	0.60	9.60	ppb
Molybdenum	95-1	0.74	0.72	0.78	0.75	4.15	ppb
Molybdenum	96-1	0.66	0.63	0.60	0.63	4.31	ppb
Molybdenum	97-1	0.68	0.71	0.65	0.68	4.18	ppb
Molybdenum	98-1	0.63	0.73	0.67	0.67	7.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.12	8.28	8.41	8.27	1.72	ppb
Phosphorus	31-2	2.14	-11.92	-6.04	-5.28		ppb
Potassium	39-2	4922.38	4863.54	4978.34	4921.42	1.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	1.39	4.09	2.29	2.59	52.92	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.49	-0.51	0.32	-0.56		ppb
Silicon	28-1	1037.94	1073.13	1049.82	1053.63	1.70	ppb
Silver	107-1	0.01	0.01	0.02	0.01	64.50	ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.92	ppb
Sodium	23-2	21341.64	21164.48	21466.62	21324.25	0.71	ppb
Strontium	86-1	10883.18	10610.66	10563.60	10685.82	1.61	ppb
Strontium	88-1	11118.91	10638.77	10469.29	10742.32	3.14	ppb
Sulfur	34-1	414551.49	421276.83	421512.05	419113.46	0.94	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.20	0.22	0.24	0.22	7.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:38:24	DataFile Name :	172AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.70	0.80	0.81	0.77	7.42	ppb
Uranium	238-1	0.44	0.47	0.46	0.46	3.14	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	6.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	4.87	5.28	5.10	5.08	3.98	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.22	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	24.76	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:41:19	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.03	6.49	6.65	6.39	5.06	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	3.90	ppb
Arsenic	75-2	21.79	21.42	21.38	21.53	1.05	ppb
Barium	135-1	31.35	30.28	29.88	30.50	2.50	ppb
Barium	137-1	31.13	30.15	30.49	30.59	1.63	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	31.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	48.39	47.81	52.31	49.50	4.94	ppb
Boron	11-1	52.77	50.10	55.83	52.90	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	-0.01	0.00		ppb
Cadmium	106-1	-0.97	-0.83	-0.73	-0.84		ppb
Cadmium	108-1	-0.19	-0.06	-0.17	-0.14		ppb
Calcium	43-1	357436.74	350991.61	370503.91	359644.09	2.76	ppb
Calcium	44-1	366490.17	345935.66	358377.44	356934.42	2.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.70	4.79	4.60	4.70	2.05	ppb
Cobalt	59-2	2.85	2.88	2.78	2.84	1.89	ppb
Copper	63-2	3.58	3.76	3.51	3.62	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	372.89	374.25	372.79	373.31	0.22	ppb
Iron	56-2	377.96	375.93	379.13	377.67	0.43	ppb
Iron	57-2	602.88	620.44	647.43	623.58	3.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:41:19	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.29	0.29	0.30	3.12	ppb
Lead	207-1	0.26	0.23	0.25	0.25	6.17	ppb
Lead	208-1	0.27	0.27	0.26	0.27	3.39	ppb
Lithium	6-1				95		%
Magnesium	24-2	186490.14	189662.69	193843.35	189998.73	1.94	ppb
Manganese	55-2	1471.91	1456.45	1435.99	1454.78	1.24	ppb
Molybdenum	94-1	0.49	0.53	0.50	0.51	4.30	ppb
Molybdenum	95-1	0.72	0.66	0.67	0.68	4.63	ppb
Molybdenum	96-1	0.63	0.57	0.60	0.60	5.02	ppb
Molybdenum	97-1	0.69	0.64	0.56	0.63	10.06	ppb
Molybdenum	98-1	0.66	0.61	0.56	0.61	8.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.61	8.02	7.82	7.82	2.62	ppb
Phosphorus	31-2	-15.89	-8.20	-15.67	-13.25		ppb
Potassium	39-2	4688.43	4695.92	4676.46	4686.94	0.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	1.72	2.91	0.96	1.86	52.80	ppb
Selenium	77-2	1.25	0.84	0.00	0.70	91.43	ppb
Selenium	78-2	-0.45	-0.81	0.27	-0.33		ppb
Silicon	28-1	1063.80	1020.75	1087.42	1057.32	3.20	ppb
Silver	107-1	0.01	0.01	0.02	0.02	9.34	ppb
Silver	109-1	0.01	0.00	0.01	0.01	44.85	ppb
Sodium	23-2	20185.25	21263.63	21492.34	20980.41	3.33	ppb
Strontium	86-1	11063.75	10564.94	10036.27	10554.99	4.87	ppb
Strontium	88-1	11043.80	10458.74	10110.14	10537.56	4.48	ppb
Sulfur	34-1	425809.07	411874.97	426918.39	421534.14	1.99	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.03		ppb
Tin	118-1	0.28	0.30	0.28	0.29	3.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:41:19	DataFile Name :	173AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.79	0.90	0.81	0.83	6.99	ppb
Uranium	238-1	0.45	0.45	0.45	0.45	0.75	ppb
Vanadium	51-2	0.06	0.06	0.05	0.06	10.61	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	2.84	3.10	2.66	2.87	7.62	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	22.91	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	3.21	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:44:17	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.54	3.00	2.40	2.65	11.87	ppb
Antimony	121-1	0.15	0.15	0.16	0.15	3.19	ppb
Arsenic	75-2	20.02	20.29	19.79	20.03	1.25	ppb
Barium	135-1	22.37	21.24	21.40	21.67	2.82	ppb
Barium	137-1	21.86	20.94	21.48	21.43	2.16	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	43.51	47.07	45.73	45.44	3.96	ppb
Boron	11-1	45.53	50.65	51.39	49.19	6.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.01	0.04	0.02	122.12	ppb
Cadmium	106-1	0.05	-1.52	0.66	-0.27		ppb
Cadmium	108-1	-0.03	-0.21	-0.18	-0.14		ppb
Calcium	43-1	318149.60	330694.22	317738.99	322194.27	2.29	ppb
Calcium	44-1	315442.70	328187.11	316314.65	319981.49	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.16	0.16	0.16	4.62	ppb
Cobalt	59-2	1.68	1.70	1.70	1.69	0.55	ppb
Copper	63-2	2.02	1.93	1.87	1.94	3.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	82.45	77.52	81.04	80.34	3.16	ppb
Iron	56-2	82.23	80.12	80.11	80.82	1.51	ppb
Iron	57-2	278.10	288.10	290.95	285.72	2.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:44:17	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.10	0.10	0.11	16.83	ppb
Lead	207-1	0.10	0.07	0.09	0.09	18.24	ppb
Lead	208-1	0.11	0.09	0.10	0.10	8.70	ppb
Lithium	6-1				94		%
Magnesium	24-2	169599.86	172123.26	172144.68	171289.27	0.85	ppb
Manganese	55-2	218.46	228.29	220.80	222.52	2.31	ppb
Molybdenum	94-1	2.41	2.40	2.25	2.35	3.70	ppb
Molybdenum	95-1	3.04	2.99	2.92	2.98	1.90	ppb
Molybdenum	96-1	2.82	2.92	2.85	2.86	1.71	ppb
Molybdenum	97-1	2.83	2.75	2.78	2.79	1.53	ppb
Molybdenum	98-1	2.84	3.01	2.77	2.87	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.31	5.59	5.27	5.39	3.23	ppb
Phosphorus	31-2	-32.79	-19.84	-2.38	-18.33		ppb
Potassium	39-2	5729.88	5683.04	5759.24	5724.05	0.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	3.60	1.77	1.47	2.28	50.65	ppb
Selenium	77-2	0.41	0.41	0.00	0.27	86.61	ppb
Selenium	78-2	-0.05	0.07	0.04	0.02	271.06	ppb
Silicon	28-1	756.70	723.30	718.06	732.69	2.86	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.50	ppb
Sodium	23-2	14076.05	14099.64	14497.27	14224.32	1.66	ppb
Strontium	86-1	11218.79	10852.25	10981.16	11017.40	1.69	ppb
Strontium	88-1	10715.65	10630.08	10629.67	10658.47	0.46	ppb
Sulfur	34-1	392771.49	386237.98	371576.75	383528.74	2.83	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.12	0.12	0.13	0.13	4.80	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:44:17	DataFile Name :	174AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.57	0.65	0.72	0.65	11.47	ppb
Uranium	238-1	0.57	0.56	0.56	0.57	0.85	ppb
Vanadium	51-2	0.06	0.05	0.05	0.05	7.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	2.64	3.07	2.84	2.85	7.49	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.17	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	25.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:47:13	DataFile Name :	175AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.62	31.41	32.11	32.38	3.49	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	7.93	ppb
Arsenic	75-2	14.31	14.40	14.50	14.40	0.68	ppb
Barium	135-1	12.09	12.17	12.16	12.14	0.37	ppb
Barium	137-1	12.25	12.36	11.75	12.12	2.70	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	124.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	31.23	31.28	31.23	31.24	0.09	ppb
Boron	11-1	33.50	33.20	33.33	33.34	0.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.04	-0.02	-0.02		ppb
Cadmium	106-1	0.37	-1.70	-1.36	-0.90		ppb
Cadmium	108-1	-0.17	-0.16	-0.14	-0.16		ppb
Calcium	43-1	176003.62	173318.16	181016.71	176779.49	2.21	ppb
Calcium	44-1	179239.56	178709.43	183026.67	180325.22	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.47	0.47	0.48	0.47	1.21	ppb
Cobalt	59-2	1.55	1.47	1.49	1.50	2.69	ppb
Copper	63-2	0.30	0.27	0.25	0.28	8.93	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				113		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	2987.94	2927.84	2906.55	2940.78	1.44	ppb
Iron	56-2	3110.10	2988.32	2961.33	3019.92	2.62	ppb
Iron	57-2	3072.48	3025.67	3029.55	3042.57	0.85	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:47:13	DataFile Name :	175AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.14	0.16	0.16	10.35	ppb
Lead	207-1	0.14	0.13	0.16	0.14	8.82	ppb
Lead	208-1	0.15	0.13	0.16	0.15	8.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	111981.06	107925.72	112927.60	110944.79	2.39	ppb
Manganese	55-2	1613.13	1542.26	1511.57	1555.65	3.35	ppb
Molybdenum	94-1	0.88	0.80	0.86	0.85	4.58	ppb
Molybdenum	95-1	1.04	0.97	1.02	1.01	3.51	ppb
Molybdenum	96-1	1.03	0.97	0.98	0.99	3.05	ppb
Molybdenum	97-1	1.01	0.96	0.97	0.98	2.42	ppb
Molybdenum	98-1	0.98	0.90	1.04	0.97	7.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.41	3.36	3.27	3.35	2.04	ppb
Phosphorus	31-2	26.32	19.75	50.72	32.26	50.58	ppb
Potassium	39-2	1144.74	1098.56	1122.77	1122.02	2.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	82-1	1.79	0.99	1.63	1.47	28.89	ppb
Selenium	77-2	1.25	0.42	0.87	0.85	48.89	ppb
Selenium	78-2	-0.61	-1.13	-0.55	-0.77		ppb
Silicon	28-1	1618.63	1692.59	1725.32	1678.85	3.26	ppb
Silver	107-1	0.01	0.01	0.00	0.01	27.97	ppb
Silver	109-1	0.00	0.00	0.01	0.00	76.83	ppb
Sodium	23-2	20436.11	19597.59	19914.02	19982.57	2.12	ppb
Strontium	86-1	1479.02	1464.65	1469.52	1471.06	0.50	ppb
Strontium	88-1	1469.11	1468.09	1469.99	1469.06	0.07	ppb
Sulfur	34-1	190899.71	189468.46	192664.52	191010.90	0.84	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	-0.03	-0.02	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.11	0.10	0.11	0.10	6.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:47:13	DataFile Name :	175AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.81	3.96	3.84	3.87	2.12	ppb
Uranium	238-1	0.67	0.67	0.65	0.66	2.08	ppb
Vanadium	51-2	0.36	0.35	0.33	0.35	3.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	2.02	2.15	2.01	2.06	3.74	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	22.52	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	24.15	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:50:10	DataFile Name :	176AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.41	19.19	19.46	19.35	0.73	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	17.91	ppb
Arsenic	75-2	12.97	12.96	12.64	12.86	1.47	ppb
Barium	135-1	12.70	11.49	12.06	12.09	5.01	ppb
Barium	137-1	11.90	11.03	11.92	11.62	4.37	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	109.39	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	30.65	32.44	32.55	31.88	3.35	ppb
Boron	11-1	33.45	35.16	34.43	34.35	2.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.01	-0.02		ppb
Cadmium	106-1	-1.59	-1.78	-0.81	-1.39		ppb
Cadmium	108-1	-0.14	-0.22	-0.24	-0.20		ppb
Calcium	43-1	191794.55	182340.61	185503.87	186546.34	2.58	ppb
Calcium	44-1	189862.34	182609.55	194881.42	189117.77	3.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.18	0.19	0.18	7.29	ppb
Cobalt	59-2	1.43	1.44	1.49	1.45	2.35	ppb
Copper	63-2	0.12	0.16	0.16	0.15	14.62	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				111		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	2338.92	2285.65	2341.42	2322.00	1.36	ppb
Iron	56-2	2428.55	2421.70	2387.20	2412.49	0.92	ppb
Iron	57-2	2531.59	2477.55	2461.48	2490.21	1.47	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:50:10	DataFile Name :	176AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.15	0.15	0.15	0.22	ppb
Lead	207-1	0.09	0.15	0.12	0.12	23.37	ppb
Lead	208-1	0.13	0.13	0.13	0.13	2.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	112016.87	109150.89	112744.30	111304.02	1.71	ppb
Manganese	55-2	1571.26	1517.95	1512.64	1533.95	2.11	ppb
Molybdenum	94-1	0.82	0.72	0.81	0.78	7.05	ppb
Molybdenum	95-1	0.99	1.07	1.09	1.05	5.12	ppb
Molybdenum	96-1	0.92	0.91	0.98	0.94	4.32	ppb
Molybdenum	97-1	0.95	0.90	0.96	0.94	3.41	ppb
Molybdenum	98-1	0.91	0.90	0.92	0.91	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.13	3.35	3.22	3.24	3.45	ppb
Phosphorus	31-2	33.10	46.04	32.20	37.12	20.86	ppb
Potassium	39-2	1130.37	1145.45	1141.26	1139.02	0.68	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	2.18	1.78	1.62	1.86	15.45	ppb
Selenium	77-2	0.42	0.00	0.00	0.14	173.21	ppb
Selenium	78-2	-0.29	-1.07	-0.83	-0.73		ppb
Silicon	28-1	1730.30	1636.73	1677.62	1681.55	2.79	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.34	ppb
Silver	109-1	0.00	0.00	0.01	0.01	26.74	ppb
Sodium	23-2	20911.86	19913.47	20467.51	20430.95	2.45	ppb
Strontium	86-1	1473.98	1465.87	1533.93	1491.26	2.49	ppb
Strontium	88-1	1484.13	1481.00	1484.84	1483.32	0.14	ppb
Sulfur	34-1	204959.40	186544.28	185904.84	192469.51	5.62	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	0.12	0.10	0.10	0.11	10.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:50:10	DataFile Name :	176AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.77	2.83	2.87	2.82	1.83	ppb
Uranium	238-1	0.62	0.69	0.67	0.66	5.21	ppb
Vanadium	51-2	0.27	0.24	0.23	0.24	8.97	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	0.84	0.77	0.65	0.75	12.79	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	50.03	ppb
Zirconium	91-1	0.03	0.04	0.04	0.04	11.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-14	Instrumnet Name :	P8
Client Sample ID :	YAZ61	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:53:05	DataFile Name :	177AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	139.01	143.24	139.47	140.57	1.65	ppb
Antimony	121-1	0.02	0.03	0.01	0.02	42.74	ppb
Arsenic	75-2	0.91	0.78	0.80	0.83	8.00	ppb
Barium	135-1	13.43	12.80	13.01	13.08	2.46	ppb
Barium	137-1	13.45	13.46	12.93	13.28	2.26	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	91.89	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	14.02	14.83	14.60	14.48	2.88	ppb
Boron	11-1	15.68	15.61	14.80	15.36	3.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.05	-0.03	-0.03		ppb
Cadmium	106-1	0.07	-2.59	-1.34	-1.29		ppb
Cadmium	108-1	-0.10	-0.24	-0.10	-0.14		ppb
Calcium	43-1	34418.66	33210.99	33666.86	33765.51	1.81	ppb
Calcium	44-1	35143.16	33670.67	33226.82	34013.55	2.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.23	0.23	0.25	13.44	ppb
Cobalt	59-2	0.19	0.21	0.20	0.20	5.74	ppb
Copper	63-2	1.19	1.15	1.14	1.16	2.21	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				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	199.18	203.93	197.03	200.05	1.77	ppb
Iron	56-2	204.66	200.58	201.80	202.35	1.03	ppb
Iron	57-2	225.00	230.36	218.10	224.49	2.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-14	Instrumnet Name :	P8
Client Sample ID :	YAZ61	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:53:05	DataFile Name :	177AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.15	0.13	0.13	9.80	ppb
Lead	207-1	0.13	0.11	0.12	0.12	8.24	ppb
Lead	208-1	0.12	0.13	0.12	0.13	4.59	ppb
Lithium	6-1				101		%
Magnesium	24-2	21172.25	20958.41	20758.89	20963.18	0.99	ppb
Manganese	55-2	11.76	12.03	11.60	11.80	1.83	ppb
Molybdenum	94-1	0.29	0.30	0.27	0.29	4.16	ppb
Molybdenum	95-1	0.25	0.24	0.22	0.24	7.43	ppb
Molybdenum	96-1	0.27	0.25	0.27	0.26	5.54	ppb
Molybdenum	97-1	0.23	0.29	0.27	0.26	12.29	ppb
Molybdenum	98-1	0.27	0.26	0.25	0.26	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.39	0.36	0.38	5.01	ppb
Phosphorus	31-2	0.49	-3.13	4.46	0.61	622.98	ppb
Potassium	39-2	135.09	142.80	141.19	139.70	2.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	82-1	1.25	0.76	0.36	0.79	56.44	ppb
Selenium	77-2	0.43	0.44	0.88	0.58	43.19	ppb
Selenium	78-2	-0.45	-0.18	-0.90	-0.51		ppb
Silicon	28-1	1450.22	1518.75	1525.03	1498.00	2.77	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.00	ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.07	ppb
Sodium	23-2	12236.01	12534.00	11915.33	12228.45	2.53	ppb
Strontium	86-1	141.51	135.38	132.63	136.51	3.33	ppb
Strontium	88-1	139.12	137.22	136.51	137.62	0.98	ppb
Sulfur	34-1	26287.52	24434.77	26733.75	25818.68	4.72	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.13	0.15	0.14	0.14	6.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-14	Instrumnet Name :	P8
Client Sample ID :	YAZ61	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:53:05	DataFile Name :	177AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.60	6.51	6.34	6.49	2.05	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.33	ppb
Vanadium	51-2	2.23	2.27	2.15	2.22	2.66	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	3.19	3.69	3.48	3.45	7.36	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	10.12	ppb
Zirconium	91-1	0.06	0.05	0.05	0.05	5.51	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-15	Instrumnet Name :	P8
Client Sample ID :	YAZ63	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:56:03	DataFile Name :	178AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5703.71	5464.99	5589.34	5586.01	2.14	ppb
Antimony	121-1	0.08	0.06	0.05	0.07	20.10	ppb
Arsenic	75-2	2.07	1.87	1.94	1.96	5.18	ppb
Barium	135-1	58.00	57.18	56.37	57.18	1.42	ppb
Barium	137-1	57.45	57.31	57.92	57.56	0.55	ppb
Beryllium	9-1	0.11	0.12	0.14	0.12	11.56	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	13.81	13.81	15.26	14.29	5.87	ppb
Boron	11-1	14.69	14.87	16.60	15.39	6.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.08	-0.02		ppb
Cadmium	106-1	-0.64	-1.16	-3.33	-1.71		ppb
Cadmium	108-1	-0.04	-0.14	0.05	-0.04		ppb
Calcium	43-1	35013.80	34626.70	37344.70	35661.73	4.12	ppb
Calcium	44-1	35174.03	35561.03	36919.16	35884.74	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.21	4.92	5.13	5.09	3.00	ppb
Cobalt	59-2	4.23	4.09	4.30	4.21	2.49	ppb
Copper	63-2	13.58	13.01	13.32	13.30	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				113		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	9169.62	8761.63	9049.07	8993.44	2.33	ppb
Iron	56-2	9311.37	9022.03	9294.90	9209.43	1.76	ppb
Iron	57-2	9132.84	8874.84	8992.60	9000.10	1.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-15	Instrumnet Name :	P8
Client Sample ID :	YAZ63	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:56:03	DataFile Name :	178AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.61	1.49	1.74	1.61	7.87	ppb
Lead	207-1	1.62	1.45	1.60	1.56	5.93	ppb
Lead	208-1	1.60	1.52	1.66	1.60	4.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	22241.30	20713.76	22059.13	21671.40	3.85	ppb
Manganese	55-2	217.33	209.81	219.33	215.49	2.33	ppb
Molybdenum	94-1	2.52	2.45	2.56	2.51	2.23	ppb
Molybdenum	95-1	0.36	0.36	0.40	0.37	6.09	ppb
Molybdenum	96-1	0.77	0.75	0.77	0.77	1.41	ppb
Molybdenum	97-1	0.35	0.36	0.41	0.37	8.52	ppb
Molybdenum	98-1	0.34	0.36	0.34	0.35	4.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.06	2.93	2.96	2.99	2.31	ppb
Phosphorus	31-2	43.76	59.20	55.20	52.72	15.20	ppb
Potassium	39-2	925.24	892.08	908.89	908.73	1.82	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	1.38	1.53	1.65	1.52	8.78	ppb
Selenium	77-2	3.81	1.28	1.73	2.27	59.39	ppb
Selenium	78-2	0.70	-0.44	-0.43	-0.06		ppb
Silicon	28-1	2599.58	2569.29	2654.72	2607.86	1.66	ppb
Silver	107-1	0.01	0.01	0.02	0.01	17.27	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.09	ppb
Sodium	23-2	12842.29	12020.91	12545.82	12469.67	3.34	ppb
Strontium	86-1	150.24	151.98	160.32	154.18	3.49	ppb
Strontium	88-1	152.02	153.92	157.43	154.45	1.78	ppb
Sulfur	34-1	24618.29	24383.55	26203.06	25068.30	3.95	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	0.00	0.00	0.00	7699.56	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00		ppb
Tin	118-1	0.20	0.18	0.17	0.18	9.65	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-15	Instrumnet Name :	P8
Client Sample ID :	YAZ63	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:56:03	DataFile Name :	178AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	193.81	202.53	214.15	203.49	5.02	ppb
Uranium	238-1	0.11	0.10	0.10	0.10	5.02	ppb
Vanadium	51-2	33.60	32.21	33.27	33.03	2.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	14.36	14.15	14.90	14.47	2.66	ppb
Zirconium	90-1	1.21	1.25	1.32	1.26	4.22	ppb
Zirconium	91-1	1.26	1.24	1.27	1.25	1.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:58:58	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.68	5.07	4.54	5.10	11.25	ppb
Antimony	121-1	0.18	0.18	0.19	0.18	4.17	ppb
Arsenic	75-2	234.25	227.07	219.37	226.90	3.28	ppb
Barium	135-1	30.26	28.97	29.71	29.65	2.19	ppb
Barium	137-1	30.31	29.47	29.83	29.87	1.41	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	142.76	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	56.31	60.35	59.69	58.78	3.69	ppb
Boron	11-1	61.65	63.30	61.53	62.16	1.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.01	-0.01	-0.01		ppb
Cadmium	106-1	-2.59	-1.08	-1.94	-1.87		ppb
Cadmium	108-1	-0.14	-0.14	-0.16	-0.15		ppb
Calcium	43-1	338291.12	332004.49	341526.74	337274.12	1.44	ppb
Calcium	44-1	346205.30	337545.02	332937.43	338895.92	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.07	0.05	47.03	ppb
Cobalt	59-2	2.56	2.60	2.55	2.57	0.98	ppb
Copper	63-2	1.05	1.05	1.12	1.07	3.84	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				108		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	8110.35	7933.97	8012.09	8018.80	1.10	ppb
Iron	56-2	8582.40	8528.05	8386.81	8499.09	1.19	ppb
Iron	57-2	8438.07	8540.26	8424.86	8467.73	0.75	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:58:58	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.12	0.14	0.13	9.88	ppb
Lead	207-1	0.11	0.13	0.13	0.12	9.59	ppb
Lead	208-1	0.13	0.12	0.13	0.13	5.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	206156.35	206239.15	212944.96	208446.82	1.87	ppb
Manganese	55-2	360.45	350.11	357.49	356.02	1.50	ppb
Molybdenum	94-1	4.91	4.85	4.46	4.74	5.17	ppb
Molybdenum	95-1	5.86	5.89	5.66	5.81	2.12	ppb
Molybdenum	96-1	6.13	5.69	5.74	5.85	4.06	ppb
Molybdenum	97-1	6.03	5.68	5.94	5.88	3.02	ppb
Molybdenum	98-1	5.90	5.64	5.67	5.74	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.55	6.58	6.76	6.63	1.75	ppb
Phosphorus	31-2	3.19	11.85	1.42	5.49	101.71	ppb
Potassium	39-2	2907.53	2832.66	2884.66	2874.95	1.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	0.82	2.11	2.27	1.73	46.07	ppb
Selenium	77-2	0.00	0.85	0.41	0.42	100.80	ppb
Selenium	78-2	-0.15	-0.72	-0.42	-0.43		ppb
Silicon	28-1	1482.29	1506.55	1562.11	1516.98	2.70	ppb
Silver	107-1	0.01	0.00	0.02	0.01	75.58	ppb
Silver	109-1	0.00	0.01	0.00	0.01	84.24	ppb
Sodium	23-2	40369.76	39204.02	40223.30	39932.36	1.59	ppb
Strontium	86-1	8428.11	8244.77	8357.38	8343.42	1.11	ppb
Strontium	88-1	8352.87	8195.36	8119.40	8222.55	1.45	ppb
Sulfur	34-1	410025.29	401932.79	411023.77	407660.62	1.22	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.11	0.10	0.10	0.10	5.31	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:58:58	DataFile Name :	179AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.06	1.10	1.08	1.08	1.76	ppb
Uranium	238-1	2.02	1.92	2.04	2.00	3.09	ppb
Vanadium	51-2	0.09	0.06	0.08	0.08	18.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	4.59	4.96	4.75	4.77	3.97	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	11.71	ppb
Zirconium	91-1	0.11	0.08	0.11	0.10	15.81	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:10:04	DataFile Name :	182CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47974.01	48385.96	46621.09	47660.35	1.94	ppb
Antimony	121-1	481.77	503.56	486.14	490.49	2.35	ppb
Arsenic	75-2	501.87	505.49	500.98	502.78	0.48	ppb
Barium	135-1	2509.14	2558.47	2534.91	2534.18	0.97	ppb
Barium	137-1	2490.45	2532.81	2500.62	2507.96	0.88	ppb
Beryllium	9-1	502.12	517.23	517.03	512.13	1.69	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	449.05	467.04	477.38	464.49	3.09	ppb
Boron	11-1	423.01	450.81	437.47	437.09	3.18	ppb
Bromine	81-1						cps
Cadmium	111-1	471.24	475.78	468.83	471.95	0.75	ppb
Cadmium	106-1	456.55	478.84	478.83	471.40	2.73	ppb
Cadmium	108-1	443.03	474.65	460.61	459.43	3.45	ppb
Calcium	43-1	238508.67	234661.24	240880.78	238016.90	1.32	ppb
Calcium	44-1	230008.45	240206.78	240687.59	236967.61	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.11	471.87	484.90	481.62	1.79	ppb
Cobalt	59-2	484.02	486.94	485.68	485.54	0.30	ppb
Copper	63-2	4811.26	4685.64	4794.62	4763.84	1.43	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				108		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	124901.52	119885.11	123121.16	122635.93	2.07	ppb
Iron	56-2	124175.95	123118.51	121620.29	122971.58	1.04	ppb
Iron	57-2	128038.51	122733.76	124633.38	125135.21	2.15	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:10:04	DataFile Name :	182CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2557.97	2551.53	2483.04	2530.84	1.64	ppb
Lead	207-1	2624.11	2541.97	2471.42	2545.83	3.00	ppb
Lead	208-1	2559.90	2533.06	2464.96	2519.31	1.94	ppb
Lithium	6-1				93		%
Magnesium	24-2	241690.60	249407.93	239359.99	243486.17	2.16	ppb
Manganese	55-2	4739.68	4671.60	4735.75	4715.68	0.81	ppb
Molybdenum	94-1	5084.28	4825.07	4715.07	4874.81	3.89	ppb
Molybdenum	95-1	5105.19	4816.25	4707.99	4876.48	4.21	ppb
Molybdenum	96-1	5047.38	4670.80	4630.89	4783.02	4.80	ppb
Molybdenum	97-1	5166.08	4625.35	4682.93	4824.78	6.16	ppb
Molybdenum	98-1	5118.05	4743.10	4699.21	4853.45	4.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.00	477.49	473.25	476.25	0.55	ppb
Phosphorus	31-2	9463.07	9329.22	9541.16	9444.48	1.13	ppb
Potassium	39-2	119858.86	118821.87	116884.86	118521.87	1.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	515.23	491.86	485.00	497.36	3.19	ppb
Selenium	77-2	493.89	514.75	526.07	511.57	3.19	ppb
Selenium	78-2	506.95	495.30	499.54	500.60	1.18	ppb
Silicon	28-1	365.75	375.58	385.10	375.48	2.58	ppb
Silver	107-1	458.59	486.60	490.48	478.55	3.64	ppb
Silver	109-1	465.89	482.38	472.07	473.44	1.76	ppb
Sodium	23-2	244254.67	245090.76	244613.31	244652.91	0.17	ppb
Strontium	86-1	512.34	483.86	494.26	496.82	2.90	ppb
Strontium	88-1	486.73	496.67	493.90	492.43	1.04	ppb
Sulfur	34-1	9153.83	9425.02	9385.00	9321.28	1.57	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	512.50	515.48	513.89	513.95	0.29	ppb
Thallium	205-1	507.66	511.60	492.91	504.06	1.95	ppb
Tin	118-1	481.50	497.52	491.60	490.21	1.65	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:10:04	DataFile Name :	182CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4679.11	4889.81	4929.47	4832.80	2.78	ppb
Uranium	238-1	508.39	520.32	496.95	508.55	2.30	ppb
Vanadium	51-2	518.83	486.10	492.39	499.11	3.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	4680.95	4731.73	4730.77	4714.48	0.62	ppb
Zirconium	90-1	502.58	477.91	480.09	486.86	2.80	ppb
Zirconium	91-1	494.66	493.53	476.11	488.10	2.13	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:16:17	DataFile Name :	183CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.99	-1.06	-1.22	-1.09		ppb
Antimony	121-1	0.11	0.12	0.16	0.13	20.62	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	0.06	0.04	0.02	0.04	45.81	ppb
Barium	137-1	0.06	0.02	0.03	0.04	55.85	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	7.39	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	15.96	16.14	15.20	15.77	3.14	ppb
Boron	11-1	16.79	17.08	15.83	16.57	3.95	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	-1.36	-2.38	-1.55	-1.76		ppb
Cadmium	108-1	-0.01	-0.12	0.03	-0.03		ppb
Calcium	43-1	4.80	4.12	3.32	4.08	18.20	ppb
Calcium	44-1	4.88	4.25	4.29	4.47	7.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.03	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	95.00	ppb
Copper	63-2	0.16	0.14	0.12	0.14	17.69	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				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	2.25	1.94	2.28	2.16	8.71	ppb
Iron	56-2	1.72	1.48	1.39	1.53	11.03	ppb
Iron	57-2	2.21	1.19	1.53	1.64	31.42	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:16:17	DataFile Name :	183CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.13	0.12	10.75	ppb
Lead	207-1	0.10	0.09	0.12	0.10	13.50	ppb
Lead	208-1	0.11	0.09	0.12	0.11	12.38	ppb
Lithium	6-1				103		%
Magnesium	24-2	5.45	4.16	4.99	4.87	13.37	ppb
Manganese	55-2	0.04	0.11	0.09	0.08	39.97	ppb
Molybdenum	94-1	0.17	0.18	0.11	0.15	23.35	ppb
Molybdenum	95-1	0.19	0.11	0.12	0.14	28.82	ppb
Molybdenum	96-1	0.16	0.12	0.12	0.13	17.33	ppb
Molybdenum	97-1	0.16	0.11	0.13	0.14	16.87	ppb
Molybdenum	98-1	0.15	0.14	0.11	0.13	17.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-23.35	-23.70	-25.12	-24.05		ppb
Potassium	39-2	3.27	3.32	6.76	4.45	44.93	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.45	0.44	0.60	0.49	18.56	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.58	-0.38	-0.92	-0.63		ppb
Silicon	28-1	-0.27	-0.25	-0.20	-0.24		ppb
Silver	107-1	0.04	0.05	0.04	0.04	11.31	ppb
Silver	109-1	0.03	0.04	0.04	0.04	14.00	ppb
Sodium	23-2	12.63	9.93	10.26	10.94	13.43	ppb
Strontium	86-1	-0.11	-0.28	-0.21	-0.20		ppb
Strontium	88-1	0.05	0.04	0.04	0.04	12.66	ppb
Sulfur	34-1	-533.58	-477.33	-476.22	-495.71		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.03	0.06	0.04	29.79	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	8.01	ppb
Tin	118-1	0.01	0.02	0.01	0.01	44.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:16:17	DataFile Name :	183CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.05	0.10	0.08	38.13	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.30	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	25.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	0.18	0.02	0.14	0.11	73.47	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	38.97	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	36.28	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:19:18	DataFile Name :	184AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.30	3.21	3.20	3.24	1.66	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	2.42	ppb
Arsenic	75-2	45.24	45.78	45.41	45.48	0.61	ppb
Barium	135-1	39.80	39.34	40.19	39.78	1.06	ppb
Barium	137-1	40.80	39.25	40.81	40.29	2.23	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	28.08	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	71.73	72.37	74.89	72.99	2.29	ppb
Boron	11-1	74.82	76.64	80.10	77.18	3.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.03	0.01	0.00		ppb
Cadmium	106-1	-0.99	-2.62	-1.34	-1.65		ppb
Cadmium	108-1	-0.05	0.06	-0.11	-0.04		ppb
Calcium	43-1	361040.85	378418.08	383913.07	374457.33	3.19	ppb
Calcium	44-1	373866.51	371793.04	382078.97	375912.84	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.80	0.81	0.75	0.79	4.52	ppb
Cobalt	59-2	9.85	9.52	9.83	9.73	1.90	ppb
Copper	63-2	2.56	2.46	2.48	2.50	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	3657.75	3817.38	3750.21	3741.78	2.14	ppb
Iron	56-2	3957.99	3896.18	3799.91	3884.69	2.05	ppb
Iron	57-2	4023.81	4053.99	4071.41	4049.74	0.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:19:18	DataFile Name :	184AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.31	0.35	0.34	0.34	6.01	ppb
Lead	207-1	0.31	0.37	0.33	0.34	8.30	ppb
Lead	208-1	0.32	0.36	0.33	0.33	6.21	ppb
Lithium	6-1				96		%
Magnesium	24-2	196172.47	191468.98	199287.98	195643.15	2.01	ppb
Manganese	55-2	2309.97	2315.22	2258.37	2294.52	1.37	ppb
Molybdenum	94-1	1.06	1.24	1.25	1.18	9.04	ppb
Molybdenum	95-1	1.33	1.35	1.37	1.35	1.73	ppb
Molybdenum	96-1	1.15	1.30	1.25	1.23	6.35	ppb
Molybdenum	97-1	1.27	1.25	1.31	1.28	2.39	ppb
Molybdenum	98-1	1.19	1.24	1.15	1.19	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.32	7.42	7.37	7.37	0.62	ppb
Phosphorus	31-2	-16.35	-14.63	-15.87	-15.62		ppb
Potassium	39-2	3712.33	3686.63	3645.88	3681.62	0.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	2.81	2.18	3.00	2.66	15.96	ppb
Selenium	77-2	0.00	0.00	0.42	0.14	173.21	ppb
Selenium	78-2	-0.90	-0.08	-0.52	-0.50		ppb
Silicon	28-1	1158.16	1168.03	1161.42	1162.54	0.43	ppb
Silver	107-1	0.03	0.02	0.02	0.02	20.90	ppb
Silver	109-1	0.02	0.02	0.03	0.02	12.46	ppb
Sodium	23-2	27863.36	28252.54	28969.47	28361.79	1.98	ppb
Strontium	86-1	9487.30	9434.04	9697.65	9539.66	1.46	ppb
Strontium	88-1	9373.66	9519.10	9704.29	9532.35	1.74	ppb
Sulfur	34-1	433114.46	433167.18	429710.14	431997.26	0.46	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.04	0.03	23.35	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	32.90	ppb
Tin	118-1	0.15	0.11	0.14	0.13	13.43	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:19:18	DataFile Name :	184AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.95	0.98	0.94	0.95	2.50	ppb
Uranium	238-1	0.59	0.61	0.59	0.60	2.39	ppb
Vanadium	51-2	0.08	0.07	0.06	0.07	11.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	2.79	2.73	2.86	2.79	2.32	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	7.09	ppb
Zirconium	91-1	0.07	0.08	0.10	0.08	17.05	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:22:16	DataFile Name :	185AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.08	2.75	2.88	2.91	5.63	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	22.09	ppb
Arsenic	75-2	269.09	275.35	267.61	270.69	1.52	ppb
Barium	135-1	36.30	34.95	36.12	35.79	2.06	ppb
Barium	137-1	35.86	35.50	35.19	35.52	0.94	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	19.99	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	79.35	82.43	88.15	83.31	5.36	ppb
Boron	11-1	88.60	87.48	95.94	90.68	5.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.04	-0.02	-0.01		ppb
Cadmium	106-1	-0.13	-2.36	-1.51	-1.34		ppb
Cadmium	108-1	-0.18	-0.14	-0.10	-0.14		ppb
Calcium	43-1	325015.30	346052.28	324854.88	331974.15	3.67	ppb
Calcium	44-1	335257.75	334056.61	328684.18	332666.18	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.11	0.08	37.32	ppb
Cobalt	59-2	0.25	0.26	0.25	0.25	1.50	ppb
Copper	63-2	0.15	0.16	0.16	0.16	3.95	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				110		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	13272.27	13137.88	13323.50	13244.55	0.72	ppb
Iron	56-2	13740.21	13576.91	13834.37	13717.16	0.95	ppb
Iron	57-2	13246.75	13236.78	13377.00	13286.84	0.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:22:16	DataFile Name :	185AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.22	0.22	3.22	ppb
Lead	207-1	0.22	0.21	0.19	0.21	9.11	ppb
Lead	208-1	0.22	0.21	0.21	0.21	2.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	240873.00	225668.06	228573.24	231704.77	3.48	ppb
Manganese	55-2	2886.35	2890.61	2897.70	2891.56	0.20	ppb
Molybdenum	94-1	0.38	0.38	0.38	0.38	0.97	ppb
Molybdenum	95-1	0.39	0.37	0.35	0.37	5.05	ppb
Molybdenum	96-1	0.56	0.52	0.55	0.55	3.82	ppb
Molybdenum	97-1	0.19	0.26	0.27	0.24	18.26	ppb
Molybdenum	98-1	0.22	0.21	0.23	0.22	4.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.62	0.57	0.60	4.19	ppb
Phosphorus	31-2	382.75	401.13	371.08	384.99	3.94	ppb
Potassium	39-2	3379.15	3396.74	3379.56	3385.15	0.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	1.67	3.03	1.45	2.05	41.57	ppb
Selenium	77-2	0.41	0.42	0.00	0.28	86.65	ppb
Selenium	78-2	-1.37	-0.68	-1.17	-1.07		ppb
Silicon	28-1	1577.81	1591.21	1574.27	1581.10	0.57	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.44	ppb
Silver	109-1	0.01	0.03	0.02	0.02	42.59	ppb
Sodium	23-2	31354.97	29810.49	30904.34	30689.93	2.59	ppb
Strontium	86-1	6618.47	6680.07	6648.31	6648.95	0.46	ppb
Strontium	88-1	6619.85	6521.42	6614.99	6585.42	0.84	ppb
Sulfur	34-1	420877.21	428264.81	409233.03	419458.35	2.29	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.02	0.01	130.72	ppb
Thallium	205-1	0.00	0.02	0.01	0.01	67.09	ppb
Tin	118-1	0.20	0.16	0.14	0.17	18.79	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:22:16	DataFile Name :	185AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.14	1.22	1.25	1.21	4.59	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	0.40	ppb
Vanadium	51-2	0.11	0.09	0.10	0.10	8.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	2.97	2.73	2.98	2.89	4.96	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	7.38	ppb
Zirconium	91-1	0.13	0.11	0.16	0.13	16.30	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:25:11	DataFile Name :	186AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.23	4.50	3.99	4.24	5.95	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	10.43	ppb
Arsenic	75-2	3.17	3.34	3.01	3.17	5.17	ppb
Barium	135-1	15.37	15.73	14.89	15.33	2.74	ppb
Barium	137-1	15.03	15.36	15.13	15.17	1.12	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	19.40	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	66.80	65.33	69.24	67.13	2.94	ppb
Boron	11-1	67.12	69.40	74.43	70.32	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.05	-0.05	-0.05		ppb
Cadmium	106-1	-2.93	-2.45	-2.10	-2.49		ppb
Cadmium	108-1	-0.08	-0.11	-0.03	-0.07		ppb
Calcium	43-1	277625.83	273205.03	304014.96	284948.61	5.85	ppb
Calcium	44-1	279909.56	267782.33	310196.65	285962.84	7.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.18	0.16	0.17	4.43	ppb
Cobalt	59-2	4.08	4.05	4.19	4.11	1.78	ppb
Copper	63-2	0.97	0.98	0.99	0.98	1.19	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				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	2112.40	2198.58	2136.05	2149.01	2.07	ppb
Iron	56-2	2235.67	2255.31	2224.41	2238.46	0.70	ppb
Iron	57-2	2284.36	2329.38	2343.36	2319.03	1.33	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:25:11	DataFile Name :	186AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.15	0.14	0.14	8.62	ppb
Lead	207-1	0.12	0.12	0.12	0.12	3.72	ppb
Lead	208-1	0.12	0.13	0.13	0.12	3.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	200890.22	197276.00	196695.14	198287.12	1.15	ppb
Manganese	55-2	2662.41	2708.80	2584.68	2651.96	2.37	ppb
Molybdenum	94-1	1.20	1.16	1.30	1.22	6.05	ppb
Molybdenum	95-1	1.40	1.44	1.54	1.46	4.96	ppb
Molybdenum	96-1	1.41	1.40	1.39	1.40	0.93	ppb
Molybdenum	97-1	1.43	1.37	1.46	1.42	3.03	ppb
Molybdenum	98-1	1.33	1.31	1.40	1.35	3.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.61	1.53	1.57	2.84	ppb
Phosphorus	31-2	-13.39	-16.51	-8.42	-12.77		ppb
Potassium	39-2	1660.55	1710.94	1699.19	1690.23	1.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	1.42	1.11	3.03	1.85	55.50	ppb
Selenium	77-2	0.00	0.42	0.43	0.28	86.61	ppb
Selenium	78-2	-0.84	-0.06	-0.48	-0.46		ppb
Silicon	28-1	1414.85	1437.77	1447.02	1433.21	1.16	ppb
Silver	107-1	0.01	0.02	0.01	0.01	50.86	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.34	ppb
Sodium	23-2	26430.55	25969.90	26443.43	26281.29	1.03	ppb
Strontium	86-1	5037.03	5043.83	5041.34	5040.73	0.07	ppb
Strontium	88-1	5090.85	5050.40	5202.48	5114.58	1.54	ppb
Sulfur	34-1	366915.19	382377.86	398505.71	382599.59	4.13	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.00	0.00	0.00	56.89	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00	2345.82	ppb
Tin	118-1	0.06	0.09	0.11	0.09	27.83	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:25:11	DataFile Name :	186AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.19	1.15	1.26	1.20	4.54	ppb
Uranium	238-1	0.54	0.59	0.58	0.57	4.21	ppb
Vanadium	51-2	0.15	0.15	0.16	0.15	0.77	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	2.18	1.89	2.07	2.05	7.07	ppb
Zirconium	90-1	0.07	0.06	0.07	0.07	7.26	ppb
Zirconium	91-1	0.09	0.06	0.08	0.08	17.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:28:09	DataFile Name :	187AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.89	35.01	37.39	36.76	4.19	ppb
Antimony	121-1	0.18	0.18	0.17	0.18	2.83	ppb
Arsenic	75-2	27.40	27.22	28.33	27.65	2.17	ppb
Barium	135-1	56.74	57.19	56.02	56.65	1.04	ppb
Barium	137-1	55.35	56.92	54.89	55.72	1.91	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	15.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	56.80	60.18	63.52	60.17	5.58	ppb
Boron	11-1	61.38	65.42	64.24	63.68	3.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-2.04	-1.37	-0.64	-1.35		ppb
Cadmium	108-1	-0.15	-0.12	-0.05	-0.11		ppb
Calcium	43-1	276211.80	280471.48	285401.12	280694.80	1.64	ppb
Calcium	44-1	278970.06	289352.17	281800.39	283374.21	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.08	0.14	0.13	41.52	ppb
Cobalt	59-2	0.71	0.67	0.69	0.69	2.86	ppb
Copper	63-2	1.13	1.03	1.11	1.09	4.91	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				111		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	754.61	701.83	739.11	731.85	3.71	ppb
Iron	56-2	805.92	750.33	785.26	780.51	3.60	ppb
Iron	57-2	949.95	915.13	936.96	934.01	1.88	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:28:09	DataFile Name :	187AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.27	0.32	0.27	0.29	8.35	ppb
Lead	207-1	0.28	0.29	0.25	0.27	6.09	ppb
Lead	208-1	0.28	0.30	0.27	0.28	4.54	ppb
Lithium	6-1				98		%
Magnesium	24-2	226614.89	217923.22	229012.36	224516.82	2.60	ppb
Manganese	55-2	214.67	205.87	215.64	212.06	2.54	ppb
Molybdenum	94-1	1.44	1.33	1.30	1.36	5.44	ppb
Molybdenum	95-1	1.47	1.53	1.56	1.52	2.90	ppb
Molybdenum	96-1	1.45	1.45	1.50	1.47	1.92	ppb
Molybdenum	97-1	1.51	1.51	1.48	1.50	1.20	ppb
Molybdenum	98-1	1.50	1.49	1.48	1.49	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.65	1.57	1.55	1.59	3.39	ppb
Phosphorus	31-2	-5.39	-3.51	4.05	-1.62		ppb
Potassium	39-2	2112.57	2062.07	2119.57	2098.07	1.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	2.85	3.29	1.65	2.60	32.61	ppb
Selenium	77-2	0.00	0.81	0.00	0.27	173.21	ppb
Selenium	78-2	-0.59	-0.72	-0.39	-0.56		ppb
Silicon	28-1	1304.34	1323.37	1361.20	1329.64	2.18	ppb
Silver	107-1	0.02	0.02	0.01	0.02	8.28	ppb
Silver	109-1	0.02	0.02	0.01	0.02	9.74	ppb
Sodium	23-2	39101.65	37864.33	39822.65	38929.55	2.54	ppb
Strontium	86-1	5223.94	5127.08	5069.55	5140.19	1.52	ppb
Strontium	88-1	4991.97	5217.86	4940.62	5050.15	2.92	ppb
Sulfur	34-1	402152.59	411392.54	433248.26	415597.80	3.84	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	-0.01	-0.01	0.00		ppb
Tin	118-1	0.05	0.07	0.06	0.06	18.64	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:28:09	DataFile Name :	187AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.04	3.02	3.08	3.05	1.02	ppb
Uranium	238-1	0.82	0.80	0.78	0.80	2.38	ppb
Vanadium	51-2	0.56	0.56	0.56	0.56	0.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	4.76	4.74	4.96	4.82	2.50	ppb
Zirconium	90-1	0.07	0.08	0.06	0.07	14.88	ppb
Zirconium	91-1	0.11	0.05	0.10	0.09	34.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:31:06	DataFile Name :	188AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.46	-1.19	-1.36	-1.34		ppb
Antimony	121-1	0.00	0.02	0.01	0.01	74.45	ppb
Arsenic	75-2	25.76	25.36	26.00	25.71	1.26	ppb
Barium	135-1	1.09	1.27	1.25	1.20	8.12	ppb
Barium	137-1	1.29	1.25	1.31	1.28	2.21	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	30.09	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	12.39	12.78	13.26	12.81	3.39	ppb
Boron	11-1	13.11	13.41	13.60	13.37	1.86	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.02	0.02	37.75	ppb
Cadmium	106-1	0.17	-0.49	0.03	-0.10		ppb
Cadmium	108-1	-0.18	-0.20	-0.20	-0.20		ppb
Calcium	43-1	15018.42	14707.10	15452.67	15059.40	2.49	ppb
Calcium	44-1	15313.87	14752.82	15259.02	15108.57	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.06	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	60.50	ppb
Copper	63-2	0.09	0.09	0.07	0.08	11.56	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				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	54-2	556.31	584.75	545.00	562.02	3.64	ppb
Iron	56-2	610.30	613.53	590.75	604.86	2.04	ppb
Iron	57-2	566.11	575.66	572.79	571.52	0.86	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:31:06	DataFile Name :	188AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.06	0.08	0.08	20.36	ppb
Lead	207-1	0.07	0.07	0.04	0.06	25.01	ppb
Lead	208-1	0.08	0.07	0.07	0.07	10.23	ppb
Lithium	6-1				105		%
Magnesium	24-2	10946.61	10713.53	10393.20	10684.45	2.60	ppb
Manganese	55-2	35.97	35.58	34.69	35.41	1.85	ppb
Molybdenum	94-1	0.01	0.00	0.02	0.01	115.28	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	4.64	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	71.13	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	14.12	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	18.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.04	0.04	8.83	ppb
Phosphorus	31-2	-16.59	-21.46	-21.79	-19.95		ppb
Potassium	39-2	222.73	229.32	219.37	223.80	2.26	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	82-1	0.86	0.72	1.76	1.11	50.87	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.77	-0.79	-0.58	-0.72		ppb
Silicon	28-1	73.81	69.95	72.61	72.12	2.74	ppb
Silver	107-1	0.02	0.02	0.01	0.01	28.35	ppb
Silver	109-1	0.01	0.01	0.02	0.01	21.17	ppb
Sodium	23-2	1027.89	1011.23	1001.75	1013.62	1.31	ppb
Strontium	86-1	413.20	406.19	400.72	406.71	1.54	ppb
Strontium	88-1	409.43	397.12	401.44	402.66	1.55	ppb
Sulfur	34-1	21004.56	20343.57	21100.68	20816.27	1.98	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	-0.05	-0.03	-0.02	-0.03		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:31:06	DataFile Name :	188AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.14	0.13	0.14	0.14	5.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	40.54	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	33.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	0.06	0.01	0.01	0.03	103.92	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	157.15	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	49.21	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:34:04	DataFile Name :	189AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.20	-0.91	-1.07	-1.06		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	68.78	ppb
Arsenic	75-2	0.84	0.86	0.90	0.87	3.57	ppb
Barium	135-1	0.76	0.76	0.84	0.79	6.21	ppb
Barium	137-1	0.79	0.85	0.91	0.85	7.20	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	17.62	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	7.48	7.14	6.97	7.20	3.61	ppb
Boron	11-1	8.07	7.57	7.65	7.76	3.46	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.01	-0.02	0.00		ppb
Cadmium	106-1	0.12	-1.09	-1.19	-0.72		ppb
Cadmium	108-1	-0.06	-0.16	-0.10	-0.11		ppb
Calcium	43-1	11975.08	12079.73	11760.80	11938.54	1.36	ppb
Calcium	44-1	11925.87	12176.02	11792.39	11964.76	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.09	-0.11	-0.09		ppb
Cobalt	59-2	0.07	0.08	0.07	0.07	10.24	ppb
Copper	63-2	0.16	0.14	0.20	0.17	18.39	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				113		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	5.13	5.83	5.88	5.61	7.47	ppb
Iron	56-2	5.88	5.77	5.92	5.86	1.34	ppb
Iron	57-2	12.75	14.82	14.25	13.94	7.64	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:34:04	DataFile Name :	189AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.07	0.06	14.07	ppb
Lead	207-1	0.04	0.05	0.06	0.05	18.91	ppb
Lead	208-1	0.05	0.06	0.06	0.05	12.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	7073.25	7220.68	7373.39	7222.44	2.08	ppb
Manganese	55-2	8.20	8.13	7.95	8.09	1.61	ppb
Molybdenum	94-1	0.07	0.10	0.07	0.08	21.64	ppb
Molybdenum	95-1	0.11	0.11	0.12	0.11	4.37	ppb
Molybdenum	96-1	0.07	0.08	0.08	0.07	6.90	ppb
Molybdenum	97-1	0.11	0.12	0.09	0.11	10.75	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.23	0.22	0.22	3.74	ppb
Phosphorus	31-2	-25.71	-35.06	-23.01	-27.93		ppb
Potassium	39-2	220.84	218.48	223.82	221.05	1.21	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	82-1	1.40	1.78	0.79	1.32	37.62	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.07	-0.66	-1.18	-0.97		ppb
Silicon	28-1	26.17	27.03	24.37	25.86	5.25	ppb
Silver	107-1	0.01	0.01	0.02	0.01	47.88	ppb
Silver	109-1	0.02	0.01	0.01	0.01	36.28	ppb
Sodium	23-2	572.26	575.29	580.49	576.01	0.72	ppb
Strontium	86-1	424.19	427.78	428.77	426.91	0.56	ppb
Strontium	88-1	419.39	419.10	416.93	418.47	0.32	ppb
Sulfur	34-1	14957.62	15484.34	14635.97	15025.98	2.85	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.02		ppb
Tin	118-1	-0.03	-0.01	-0.04	-0.03		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:34:04	DataFile Name :	189AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.06	0.04	0.05	20.86	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.62	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	37.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	0.12	0.13	0.02	0.09	66.90	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	476.90	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:37:01	DataFile Name :	190AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.21	-2.17	-2.16	-2.18		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	17.64	ppb
Arsenic	75-2	0.75	0.69	0.80	0.75	7.77	ppb
Barium	135-1	0.87	0.75	0.84	0.82	7.50	ppb
Barium	137-1	0.83	0.77	0.89	0.83	7.65	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	33.56	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	6.24	6.34	5.90	6.16	3.74	ppb
Boron	11-1	6.41	6.94	6.15	6.50	6.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.03	0.02	0.03	45.64	ppb
Cadmium	106-1	2.08	0.99	0.27	1.11	81.89	ppb
Cadmium	108-1	-0.01	-0.04	-0.12	-0.06		ppb
Calcium	43-1	12342.15	12283.09	11639.83	12088.36	3.22	ppb
Calcium	44-1	12082.40	12080.90	12076.34	12079.88	0.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.10	-0.10	-0.10		ppb
Cobalt	59-2	0.06	0.06	0.07	0.06	1.68	ppb
Copper	63-2	0.12	0.11	0.10	0.11	7.80	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				113		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-2	4.22	3.27	3.02	3.50	18.07	ppb
Iron	56-2	3.56	3.60	3.83	3.66	4.05	ppb
Iron	57-2	12.15	13.22	13.94	13.10	6.87	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:37:01	DataFile Name :	190AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	17.35	ppb
Lead	207-1	0.03	0.03	0.06	0.04	42.49	ppb
Lead	208-1	0.04	0.05	0.05	0.05	9.07	ppb
Lithium	6-1				105		%
Magnesium	24-2	7230.62	7389.09	7205.19	7274.97	1.37	ppb
Manganese	55-2	7.72	7.77	7.68	7.73	0.58	ppb
Molybdenum	94-1	0.08	0.09	0.10	0.09	9.39	ppb
Molybdenum	95-1	0.13	0.12	0.12	0.12	5.69	ppb
Molybdenum	96-1	0.12	0.09	0.10	0.10	14.39	ppb
Molybdenum	97-1	0.15	0.10	0.13	0.13	20.76	ppb
Molybdenum	98-1	0.10	0.10	0.12	0.11	11.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.22	0.21	0.21	6.60	ppb
Phosphorus	31-2	-40.56	-29.88	-26.84	-32.43		ppb
Potassium	39-2	219.46	221.07	225.58	222.04	1.43	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	0.62	0.89	0.77	0.76	17.25	ppb
Selenium	77-2	0.00	0.00	0.88	0.29	173.21	ppb
Selenium	78-2	-0.20	-0.62	-0.77	-0.53		ppb
Silicon	28-1	27.26	26.00	25.55	26.27	3.38	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.95	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.41	ppb
Sodium	23-2	576.91	560.09	562.81	566.60	1.59	ppb
Strontium	86-1	423.95	426.35	429.74	426.68	0.68	ppb
Strontium	88-1	412.26	417.40	419.91	416.53	0.94	ppb
Sulfur	34-1	15712.71	15746.65	15473.25	15644.20	0.95	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.03	-0.05	-0.04	-0.04		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:37:01	DataFile Name :	190AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.02	-0.02	0.01	258.69	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.20	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	119.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	0.03	0.08	0.08	0.07	44.16	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.02	-0.01	0.01	233.53	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 22:40:00	DataFile Name :	191AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.11	-2.22	-2.02	-2.12		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	79.23	ppb
Arsenic	75-2	0.13	0.15	0.20	0.16	22.51	ppb
Barium	135-1	0.19	0.19	0.15	0.18	13.94	ppb
Barium	137-1	0.20	0.21	0.16	0.19	13.32	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	20.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	4.52	4.65	4.41	4.52	2.62	ppb
Boron	11-1	4.45	5.47	4.64	4.86	11.19	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.02	-0.02	0.01	314.51	ppb
Cadmium	106-1	1.10	0.44	-1.06	0.16	694.32	ppb
Cadmium	108-1	0.02	-0.18	0.00	-0.06		ppb
Calcium	43-1	2435.41	2820.33	2403.62	2553.12	9.09	ppb
Calcium	44-1	2509.48	2763.58	2492.76	2588.61	5.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.10	-0.09	-0.09		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	44.24	ppb
Copper	63-2	0.08	0.08	0.06	0.07	14.26	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				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	0.65	-0.11	1.09	0.54	111.52	ppb
Iron	56-2	1.14	1.11	1.31	1.19	8.87	ppb
Iron	57-2	3.87	3.33	1.99	3.06	31.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 22:40:00	DataFile Name :	191AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.08	0.06	29.83	ppb
Lead	207-1	0.05	0.06	0.05	0.06	11.33	ppb
Lead	208-1	0.05	0.07	0.06	0.06	12.02	ppb
Lithium	6-1				98		%
Magnesium	24-2	1384.30	1366.73	1434.50	1395.18	2.52	ppb
Manganese	55-2	1.73	1.62	1.68	1.67	3.24	ppb
Molybdenum	94-1	-0.01	0.02	0.02	0.01	139.33	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	35.02	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	32.47	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	36.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.02	0.04	34.62	ppb
Phosphorus	31-2	-25.28	-29.26	-27.08	-27.21		ppb
Potassium	39-2	45.69	50.05	59.77	51.84	13.91	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	1.91	1.71	0.72	1.45	43.97	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.09	-0.74	-1.66	-1.17		ppb
Silicon	28-1	3.33	4.72	2.98	3.68	25.11	ppb
Silver	107-1	0.00	0.01	0.01	0.01	45.95	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.49	ppb
Sodium	23-2	113.11	112.46	121.00	115.52	4.12	ppb
Strontium	86-1	82.84	95.05	86.88	88.25	7.05	ppb
Strontium	88-1	82.44	95.61	83.50	87.19	8.39	ppb
Sulfur	34-1	4273.17	5890.78	4332.20	4832.05	18.98	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.04	-0.02	-0.04	-0.03		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 22:40:00	DataFile Name :	191AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.01	-0.02	-0.02		ppb
Uranium	238-1	0.01	0.00	0.00	0.01	30.37	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	93.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	-0.05	-0.08	0.04	-0.03		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:42:58	DataFile Name :	192AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76.95	76.20	77.44	76.86	0.82	ppb
Antimony	121-1	4.16	4.24	4.00	4.14	3.01	ppb
Arsenic	75-2	2.37	2.30	2.52	2.40	4.65	ppb
Barium	135-1	77.11	79.68	75.88	77.55	2.50	ppb
Barium	137-1	79.66	78.67	76.11	78.14	2.35	ppb
Beryllium	9-1	1.93	1.82	1.76	1.84	4.80	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	4.30	4.59	4.32	4.40	3.76	ppb
Boron	11-1	4.62	4.36	4.14	4.37	5.46	ppb
Bromine	81-1						cps
Cadmium	111-1	2.14	2.23	1.94	2.10	7.08	ppb
Cadmium	106-1	1.49	1.97	0.85	1.43	39.09	ppb
Cadmium	108-1	1.46	1.31	1.77	1.51	15.71	ppb
Calcium	43-1	11742.15	12073.78	11975.95	11930.63	1.43	ppb
Calcium	44-1	11944.54	12202.87	11999.98	12049.13	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.24	7.53	7.27	7.35	2.14	ppb
Cobalt	59-2	19.70	19.96	19.44	19.70	1.30	ppb
Copper	63-2	10.01	10.04	10.00	10.02	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				112		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	50.09	49.85	52.09	50.68	2.43	ppb
Iron	56-2	44.62	43.27	44.41	44.10	1.64	ppb
Iron	57-2	49.36	52.95	51.19	51.17	3.50	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:42:58	DataFile Name :	192AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.79	0.83	0.78	0.80	3.52	ppb
Lead	207-1	0.80	0.85	0.84	0.83	3.27	ppb
Lead	208-1	0.80	0.83	0.81	0.81	1.79	ppb
Lithium	6-1				108		%
Magnesium	24-2	7384.00	7222.92	7280.20	7295.71	1.12	ppb
Manganese	55-2	26.21	25.99	25.75	25.98	0.90	ppb
Molybdenum	94-1	1.60	1.75	1.82	1.72	6.64	ppb
Molybdenum	95-1	2.04	2.28	2.14	2.15	5.46	ppb
Molybdenum	96-1	2.00	2.07	1.95	2.01	3.17	ppb
Molybdenum	97-1	2.00	2.14	2.08	2.08	3.35	ppb
Molybdenum	98-1	1.97	2.05	2.10	2.04	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.65	19.15	19.38	19.39	1.29	ppb
Phosphorus	31-2	-25.28	-39.06	-33.44	-32.60		ppb
Potassium	39-2	225.08	231.04	224.27	226.79	1.63	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	82-1	4.15	5.27	6.12	5.18	19.11	ppb
Selenium	77-2	2.11	4.51	5.30	3.97	41.76	ppb
Selenium	78-2	3.19	3.20	2.17	2.85	20.71	ppb
Silicon	28-1	26.04	25.77	26.26	26.02	0.94	ppb
Silver	107-1	1.96	2.12	1.93	2.01	4.87	ppb
Silver	109-1	1.92	1.96	1.94	1.94	1.14	ppb
Sodium	23-2	571.64	574.59	576.50	574.24	0.43	ppb
Strontium	86-1	442.92	441.77	435.30	440.00	0.93	ppb
Strontium	88-1	422.77	437.35	442.61	434.25	2.37	ppb
Sulfur	34-1	15403.54	15621.42	15420.49	15481.82	0.78	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	1.89	1.88	1.91	1.89	0.63	ppb
Thallium	205-1	1.90	1.92	1.93	1.92	0.79	ppb
Tin	118-1	-0.03	-0.01	-0.02	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:42:58	DataFile Name :	192AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.01	0.06	0.02	195.26	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.47	ppb
Vanadium	51-2	19.10	18.63	18.98	18.90	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	20.76	20.63	20.07	20.49	1.78	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:45:57	DataFile Name :	193AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.72	-0.70	-0.90	-0.78		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	12.43	ppb
Arsenic	75-2	0.13	0.08	0.04	0.08	51.40	ppb
Barium	135-1	2.24	2.07	2.15	2.15	3.84	ppb
Barium	137-1	2.17	2.17	2.20	2.18	0.77	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	25.71	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	3.65	3.64	4.06	3.78	6.29	ppb
Boron	11-1	3.77	3.79	4.00	3.85	3.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.03	0.00	0.00		ppb
Cadmium	106-1	0.65	-1.16	-0.43	-0.31		ppb
Cadmium	108-1	-0.13	-0.04	-0.10	-0.09		ppb
Calcium	43-1	77028.32	72928.94	69592.12	73183.13	5.09	ppb
Calcium	44-1	76274.58	73669.62	72122.87	74022.36	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.21	0.23	0.22	3.75	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	9.06	ppb
Copper	63-2	0.07	0.09	0.11	0.09	27.01	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				109		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	2.99	3.30	4.32	3.53	19.67	ppb
Iron	56-2	3.82	3.75	3.82	3.80	1.05	ppb
Iron	57-2	50.41	54.17	59.97	54.85	8.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:45:57	DataFile Name :	193AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	11.91	ppb
Lead	207-1	0.06	0.05	0.04	0.05	15.11	ppb
Lead	208-1	0.05	0.05	0.04	0.05	10.56	ppb
Lithium	6-1				107		%
Magnesium	24-2	31912.80	33374.75	32896.37	32727.98	2.28	ppb
Manganese	55-2	1.61	1.53	1.64	1.59	3.66	ppb
Molybdenum	94-1	0.30	0.24	0.26	0.27	11.28	ppb
Molybdenum	95-1	0.33	0.33	0.29	0.32	6.55	ppb
Molybdenum	96-1	0.29	0.28	0.30	0.29	3.60	ppb
Molybdenum	97-1	0.31	0.29	0.28	0.29	5.66	ppb
Molybdenum	98-1	0.31	0.33	0.31	0.31	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.25	0.32	0.28	11.42	ppb
Phosphorus	31-2	-11.15	-8.71	-16.44	-12.10		ppb
Potassium	39-2	88.14	87.25	87.85	87.75	0.52	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	1.68	1.87	0.87	1.47	35.86	ppb
Selenium	77-2	0.90	0.00	0.44	0.45	101.26	ppb
Selenium	78-2	-0.43	-0.49	-0.62	-0.51		ppb
Silicon	28-1	392.60	402.99	385.81	393.80	2.20	ppb
Silver	107-1	0.03	0.03	0.01	0.02	51.86	ppb
Silver	109-1	0.02	0.02	0.01	0.02	19.42	ppb
Sodium	23-2	5757.80	5772.68	5818.56	5783.01	0.55	ppb
Strontium	86-1	399.18	402.86	397.72	399.92	0.66	ppb
Strontium	88-1	386.81	392.88	389.45	389.71	0.78	ppb
Sulfur	34-1	92226.96	90090.08	88221.63	90179.56	2.22	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.01	0.01	-0.01	0.01	234.46	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:45:57	DataFile Name :	193AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.31	0.39	0.43	0.38	15.64	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	4.39	ppb
Vanadium	51-2	0.15	0.14	0.15	0.15	7.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.31	0.22	0.27	0.27	17.69	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	2987.54	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	225.34	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:48:52	DataFile Name :	194AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.08	1.91	2.31	2.10	9.51	ppb
Antimony	121-1	0.02	0.01	0.02	0.01	31.35	ppb
Arsenic	75-2	0.07	0.07	0.12	0.09	29.31	ppb
Barium	135-1	2.10	2.05	2.11	2.09	1.42	ppb
Barium	137-1	2.27	2.18	2.13	2.20	3.32	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	88.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	3.44	3.40	3.28	3.37	2.50	ppb
Boron	11-1	3.73	3.43	3.28	3.48	6.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.03	-0.02	-0.01		ppb
Cadmium	106-1	-0.35	-1.18	-0.94	-0.82		ppb
Cadmium	108-1	-0.11	-0.01	-0.04	-0.05		ppb
Calcium	43-1	71448.45	71100.89	72537.32	71695.56	1.05	ppb
Calcium	44-1	72156.24	73735.02	73293.00	73061.42	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.61	0.71	0.63	10.04	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	10.39	ppb
Copper	63-2	0.12	0.12	0.12	0.12	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				109		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	7.21	7.85	8.20	7.76	6.47	ppb
Iron	56-2	6.70	6.63	6.64	6.66	0.58	ppb
Iron	57-2	59.42	59.89	59.58	59.63	0.40	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:48:52	DataFile Name :	194AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.07	0.06	9.67	ppb
Lead	207-1	0.05	0.04	0.07	0.05	27.05	ppb
Lead	208-1	0.06	0.06	0.07	0.06	9.32	ppb
Lithium	6-1				105		%
Magnesium	24-2	32052.55	31669.26	31515.65	31745.82	0.87	ppb
Manganese	55-2	2.84	2.83	2.69	2.79	3.13	ppb
Molybdenum	94-1	0.26	0.27	0.22	0.25	10.78	ppb
Molybdenum	95-1	0.31	0.33	0.33	0.32	2.77	ppb
Molybdenum	96-1	0.32	0.30	0.31	0.31	2.47	ppb
Molybdenum	97-1	0.36	0.36	0.33	0.35	5.56	ppb
Molybdenum	98-1	0.32	0.34	0.31	0.32	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.47	0.50	0.48	3.38	ppb
Phosphorus	31-2	-17.49	3.54	-14.40	-9.45		ppb
Potassium	39-2	117.16	123.98	118.76	119.97	2.97	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	0.43	0.72	0.79	0.65	29.78	ppb
Selenium	77-2	0.42	0.43	0.86	0.57	44.14	ppb
Selenium	78-2	-0.59	-0.10	-0.19	-0.29		ppb
Silicon	28-1	411.39	384.53	394.15	396.69	3.43	ppb
Silver	107-1	0.02	0.01	0.01	0.01	30.00	ppb
Silver	109-1	0.01	0.01	0.01	0.01	42.28	ppb
Sodium	23-2	5734.92	5618.04	5551.72	5634.89	1.65	ppb
Strontium	86-1	404.76	397.00	392.02	397.93	1.61	ppb
Strontium	88-1	394.02	376.62	382.50	384.38	2.30	ppb
Sulfur	34-1	95182.82	86443.41	90545.61	90723.95	4.82	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.04	0.03	0.03	0.03	18.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:48:52	DataFile Name :	194AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.33	0.42	0.41	0.39	13.62	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	4.38	ppb
Vanadium	51-2	0.16	0.16	0.14	0.15	6.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	0.63	0.51	0.50	0.55	12.88	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	5686.31	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 22:51:49	DataFile Name :	195AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.79	-1.72	-1.82	-1.78		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	21.39	22.15	22.25	21.93	2.13	ppb
Barium	135-1	2.76	2.81	3.07	2.88	5.65	ppb
Barium	137-1	2.84	3.02	2.91	2.93	3.13	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	43.32	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	4.20	3.99	3.92	4.04	3.64	ppb
Boron	11-1	4.07	4.09	4.01	4.06	1.09	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.04	-0.01	0.02	129.71	ppb
Cadmium	106-1	1.43	0.93	-0.61	0.58	182.13	ppb
Cadmium	108-1	-0.02	-0.21	-0.12	-0.12		ppb
Calcium	43-1	9946.56	9397.23	9448.05	9597.28	3.16	ppb
Calcium	44-1	10095.79	9398.91	9678.13	9724.28	3.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.12	-0.11	-0.11		ppb
Cobalt	59-2	0.13	0.14	0.15	0.14	5.09	ppb
Copper	63-2	0.07	0.08	0.10	0.08	15.45	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				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	1676.42	1637.54	1661.79	1658.59	1.18	ppb
Iron	56-2	1697.16	1723.31	1777.27	1732.58	2.36	ppb
Iron	57-2	1658.03	1651.48	1683.09	1664.20	1.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 22:51:49	DataFile Name :	195AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.08	0.07	7.83	ppb
Lead	207-1	0.04	0.04	0.06	0.05	21.57	ppb
Lead	208-1	0.05	0.06	0.06	0.06	11.13	ppb
Lithium	6-1				100		%
Magnesium	24-2	7692.12	7725.08	7682.16	7699.79	0.29	ppb
Manganese	55-2	44.98	44.31	45.38	44.89	1.20	ppb
Molybdenum	94-1	0.19	0.25	0.19	0.21	16.95	ppb
Molybdenum	95-1	0.25	0.31	0.30	0.29	10.84	ppb
Molybdenum	96-1	0.28	0.29	0.26	0.28	4.54	ppb
Molybdenum	97-1	0.21	0.30	0.23	0.25	18.82	ppb
Molybdenum	98-1	0.26	0.27	0.30	0.27	7.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.12	0.14	0.13	12.05	ppb
Phosphorus	31-2	-22.27	-33.33	-21.68	-25.76		ppb
Potassium	39-2	126.26	126.13	128.58	126.99	1.09	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	0.23	0.48	0.52	0.41	38.70	ppb
Selenium	77-2	0.43	0.45	0.00	0.29	86.70	ppb
Selenium	78-2	-0.96	-0.14	-0.42	-0.51		ppb
Silicon	28-1	98.72	90.53	89.99	93.08	5.26	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.65	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.74	ppb
Sodium	23-2	727.50	746.13	756.95	743.53	2.00	ppb
Strontium	86-1	354.82	366.95	353.83	358.53	2.04	ppb
Strontium	88-1	351.10	364.11	358.10	357.77	1.82	ppb
Sulfur	34-1	12256.95	10714.92	10541.04	11170.97	8.45	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	-0.02	-0.03	0.00	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 22:51:49	DataFile Name :	195AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.08	0.05	0.07	23.41	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	6.05	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	33.22	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	0.19	0.23	0.15	0.19	22.82	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	45.04	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:54:46	DataFile Name :	196AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68.72	65.97	66.04	66.91	2.34	ppb
Antimony	121-1	0.04	0.03	0.02	0.03	38.03	ppb
Arsenic	75-2	3.46	3.06	3.30	3.27	6.20	ppb
Barium	135-1	1.81	1.75	1.66	1.74	4.57	ppb
Barium	137-1	1.66	1.68	1.77	1.70	3.65	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	22.81	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	2.88	3.22	2.99	3.03	5.74	ppb
Boron	11-1	3.11	3.44	3.13	3.23	5.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.01	0.03	0.02	71.62	ppb
Cadmium	106-1	1.03	-0.46	0.44	0.34	220.63	ppb
Cadmium	108-1	-0.02	0.05	-0.10	-0.03		ppb
Calcium	43-1	11953.63	12481.87	12212.80	12216.10	2.16	ppb
Calcium	44-1	12396.15	12490.75	12626.33	12504.41	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	-0.01	0.00	373.26	ppb
Cobalt	59-2	0.38	0.35	0.35	0.36	4.74	ppb
Copper	63-2	0.64	0.54	0.63	0.60	8.39	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				109		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	261.83	265.32	262.83	263.33	0.68	ppb
Iron	56-2	272.87	277.16	274.66	274.90	0.78	ppb
Iron	57-2	280.16	273.14	281.99	278.43	1.68	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:54:46	DataFile Name :	196AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.23	0.23	0.22	0.23	0.70	ppb
Lead	207-1	0.22	0.18	0.22	0.20	11.80	ppb
Lead	208-1	0.22	0.21	0.23	0.22	3.93	ppb
Lithium	6-1				102		%
Magnesium	24-2	8921.96	8245.80	8505.56	8557.77	3.99	ppb
Manganese	55-2	8.15	7.86	8.10	8.04	1.92	ppb
Molybdenum	94-1	0.19	0.20	0.18	0.19	5.17	ppb
Molybdenum	95-1	0.14	0.14	0.15	0.14	5.13	ppb
Molybdenum	96-1	0.14	0.19	0.13	0.15	21.52	ppb
Molybdenum	97-1	0.10	0.16	0.14	0.13	24.23	ppb
Molybdenum	98-1	0.14	0.12	0.14	0.13	6.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.83	0.78	0.80	3.40	ppb
Phosphorus	31-2	-22.22	-18.42	-25.32	-21.99		ppb
Potassium	39-2	230.23	228.33	223.08	227.21	1.63	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	0.46	0.00	0.55	0.34	86.67	ppb
Selenium	77-2	0.85	0.43	0.00	0.43	99.59	ppb
Selenium	78-2	-1.06	-1.08	-1.02	-1.05		ppb
Silicon	28-1	35.25	38.29	37.01	36.85	4.14	ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.48	ppb
Silver	109-1	0.01	0.01	0.02	0.01	30.68	ppb
Sodium	23-2	664.10	612.36	632.00	636.15	4.11	ppb
Strontium	86-1	452.55	439.98	442.22	444.91	1.51	ppb
Strontium	88-1	444.12	431.16	422.74	432.67	2.49	ppb
Sulfur	34-1	16342.34	17475.72	18824.10	17547.39	7.08	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.03	-0.04	-0.03	-0.03		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:54:46	DataFile Name :	196AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.76	2.04	1.74	1.85	9.06	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	5.53	ppb
Vanadium	51-2	0.19	0.18	0.22	0.20	9.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	2.68	2.71	2.53	2.64	3.64	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	8.58	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	16.10	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:57:45	DataFile Name :	197AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.14	-1.89	-1.95	-1.99		ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	685.48	ppb
Arsenic	75-2	0.90	0.90	0.95	0.91	3.21	ppb
Barium	135-1	1.34	1.23	1.33	1.30	4.63	ppb
Barium	137-1	1.23	1.19	1.31	1.24	4.79	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	26.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	3.11	3.06	3.01	3.06	1.66	ppb
Boron	11-1	3.12	3.27	3.00	3.13	4.27	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.03	-0.01	0.02	115.25	ppb
Cadmium	106-1	1.28	1.39	-0.13	0.85	100.12	ppb
Cadmium	108-1	-0.15	-0.12	0.01	-0.08		ppb
Calcium	43-1	14666.33	14962.18	14709.14	14779.22	1.08	ppb
Calcium	44-1	15151.30	14829.21	14685.75	14888.75	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.08	0.07	13.60	ppb
Cobalt	59-2	0.12	0.12	0.12	0.12	2.95	ppb
Copper	63-2	0.11	0.11	0.10	0.11	5.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	15.50	14.99	15.29	15.26	1.69	ppb
Iron	56-2	15.75	15.56	16.06	15.79	1.59	ppb
Iron	57-2	26.37	27.02	27.03	26.81	1.41	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:57:45	DataFile Name :	197AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.08	0.06	0.06	20.07	ppb
Lead	207-1	0.07	0.05	0.04	0.05	25.58	ppb
Lead	208-1	0.05	0.06	0.05	0.06	10.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	8335.24	8445.25	8512.36	8430.95	1.06	ppb
Manganese	55-2	60.83	61.59	62.36	61.59	1.24	ppb
Molybdenum	94-1	0.03	0.01	0.01	0.01	73.39	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	15.01	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	59.14	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	13.35	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	17.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.39	0.43	0.37	16.65	ppb
Phosphorus	31-2	-23.44	-19.02	-31.89	-24.78		ppb
Potassium	39-2	205.43	219.62	214.90	213.31	3.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	1.26	0.59	1.19	1.01	36.47	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.24	-1.25	-0.77	-0.76		ppb
Silicon	28-1	39.98	43.40	43.21	42.20	4.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.17	ppb
Silver	109-1	0.01	0.01	0.00	0.01	35.38	ppb
Sodium	23-2	864.84	876.82	864.82	868.83	0.80	ppb
Strontium	86-1	443.62	432.74	425.99	434.12	2.05	ppb
Strontium	88-1	436.50	445.52	437.14	439.72	1.15	ppb
Sulfur	34-1	17959.58	18933.41	19970.77	18954.59	5.31	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.03	-0.04	-0.02	-0.03		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:57:45	DataFile Name :	197AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.05	0.02	0.05	50.13	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	74.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	0.34	0.22	0.32	0.29	21.89	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	230.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:00:42	DataFile Name :	198AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.43	-1.57	-1.54	-1.51		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.82	0.80	0.89	0.84	5.97	ppb
Barium	135-1	1.21	1.11	1.15	1.16	4.40	ppb
Barium	137-1	1.19	1.17	1.28	1.21	4.42	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	286.22	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	2.85	2.99	2.76	2.87	3.95	ppb
Boron	11-1	2.93	3.06	2.65	2.88	7.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.04	0.00	0.00		ppb
Cadmium	106-1	1.17	-1.59	-0.21	-0.21		ppb
Cadmium	108-1	-0.12	-0.01	-0.10	-0.08		ppb
Calcium	43-1	14348.58	13872.13	14144.75	14121.82	1.69	ppb
Calcium	44-1	14089.32	13689.90	14465.44	14081.55	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.14	0.14	0.14	0.50	ppb
Cobalt	59-2	0.12	0.11	0.12	0.12	4.33	ppb
Copper	63-2	0.24	0.28	0.25	0.26	8.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	15.57	15.54	15.43	15.51	0.46	ppb
Iron	56-2	16.09	16.53	15.57	16.06	2.98	ppb
Iron	57-2	24.09	25.36	28.80	26.08	9.35	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:00:42	DataFile Name :	198AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.06	0.07	15.89	ppb
Lead	207-1	0.07	0.06	0.06	0.06	8.91	ppb
Lead	208-1	0.08	0.07	0.07	0.07	6.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	7831.22	8306.85	7846.80	7994.95	3.38	ppb
Manganese	55-2	57.92	58.70	58.15	58.26	0.68	ppb
Molybdenum	94-1	0.03	0.01	0.01	0.02	70.89	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	15.98	ppb
Molybdenum	96-1	0.03	0.03	0.00	0.02	64.84	ppb
Molybdenum	97-1	0.04	0.01	0.01	0.02	69.90	ppb
Molybdenum	98-1	0.02	0.04	0.03	0.03	33.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.33	0.37	0.35	4.87	ppb
Phosphorus	31-2	-27.74	-24.89	-28.09	-26.91		ppb
Potassium	39-2	196.03	196.85	195.75	196.21	0.29	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	0.84	2.19	-0.05	0.99	114.09	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.35	-1.19	-0.57	-0.70		ppb
Silicon	28-1	38.84	39.53	40.63	39.67	2.28	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.61	ppb
Sodium	23-2	828.79	877.91	809.03	838.58	4.23	ppb
Strontium	86-1	421.73	413.39	439.47	424.86	3.13	ppb
Strontium	88-1	412.95	413.21	432.68	419.61	2.70	ppb
Sulfur	34-1	16634.85	17818.58	17275.69	17243.04	3.44	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.02	-0.02		ppb
Tin	118-1	0.01	0.01	0.06	0.03	104.81	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:00:42	DataFile Name :	198AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.00	0.02	0.00		ppb
Uranium	238-1	0.02	0.01	0.02	0.02	19.06	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	94.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	0.82	0.76	0.96	0.85	11.77	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	43.57	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:03:41	DataFile Name :	199AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.62	-0.17	-0.66	-0.48		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.87	0.89	0.84	0.87	2.96	ppb
Barium	135-1	0.79	0.86	0.86	0.83	4.38	ppb
Barium	137-1	0.89	0.87	0.86	0.88	2.01	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	39.10	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	2.56	2.62	2.39	2.52	4.85	ppb
Boron	11-1	2.84	2.55	2.25	2.55	11.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	0.01	-0.02	-0.01		ppb
Cadmium	106-1	-1.26	0.33	-1.25	-0.73		ppb
Cadmium	108-1	-0.13	-0.12	-0.21	-0.15		ppb
Calcium	43-1	13251.47	12627.75	11993.58	12624.27	4.98	ppb
Calcium	44-1	13224.29	13007.94	11958.94	12730.39	5.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.04	0.04	0.04	16.56	ppb
Cobalt	59-2	0.08	0.07	0.07	0.07	12.92	ppb
Copper	63-2	0.11	0.12	0.11	0.11	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				107		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	4.43	3.63	3.02	3.69	19.11	ppb
Iron	56-2	4.19	4.23	3.67	4.03	7.66	ppb
Iron	57-2	10.19	13.43	14.48	12.70	17.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:03:41	DataFile Name :	199AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.05	0.05	11.75	ppb
Lead	207-1	0.04	0.04	0.03	0.04	9.91	ppb
Lead	208-1	0.04	0.05	0.03	0.04	18.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	7514.91	7674.11	7225.43	7471.48	3.04	ppb
Manganese	55-2	9.86	9.99	9.79	9.88	1.03	ppb
Molybdenum	94-1	0.09	0.11	0.09	0.10	14.70	ppb
Molybdenum	95-1	0.13	0.10	0.12	0.11	13.49	ppb
Molybdenum	96-1	0.09	0.11	0.10	0.10	11.32	ppb
Molybdenum	97-1	0.11	0.15	0.13	0.13	16.36	ppb
Molybdenum	98-1	0.14	0.13	0.10	0.13	16.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.40	0.29	0.34	16.85	ppb
Phosphorus	31-2	-24.46	-26.82	-26.02	-25.77		ppb
Potassium	39-2	237.11	248.22	220.55	235.29	5.92	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	0.24	-0.03	0.02	0.08	187.00	ppb
Selenium	77-2	0.00	0.47	0.00	0.16	173.21	ppb
Selenium	78-2	-0.47	0.05	-1.36	-0.59		ppb
Silicon	28-1	30.56	28.08	27.19	28.61	6.11	ppb
Silver	107-1	0.01	0.00	0.00	0.00	17.88	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.60	ppb
Sodium	23-2	572.18	609.49	580.29	587.32	3.34	ppb
Strontium	86-1	461.68	432.29	441.27	445.08	3.38	ppb
Strontium	88-1	461.99	427.13	414.49	434.54	5.66	ppb
Sulfur	34-1	18138.75	17672.81	15610.13	17140.56	7.85	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.01	-0.03	-0.03	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:03:41	DataFile Name :	199AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.07	0.13	0.12	40.02	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	11.40	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	18.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	0.27	0.36	0.20	0.28	29.39	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	697.12	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	70.57	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:06:38	DataFile Name :	200AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.76	4.78	5.65	5.06	10.06	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	233.20	ppb
Arsenic	75-2	2.92	3.01	2.93	2.95	1.84	ppb
Barium	135-1	2.47	2.47	2.61	2.52	3.31	ppb
Barium	137-1	2.37	2.55	2.49	2.47	3.61	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	5.37	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	5.74	5.95	6.24	5.98	4.22	ppb
Boron	11-1	5.94	6.43	6.86	6.41	7.18	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.02	0.02	0.01	154.04	ppb
Cadmium	106-1	-0.24	0.54	0.27	0.19	205.50	ppb
Cadmium	108-1	-0.07	-0.13	-0.15	-0.12		ppb
Calcium	43-1	37780.10	39330.78	38695.27	38602.05	2.02	ppb
Calcium	44-1	37880.87	38922.26	38622.03	38475.05	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.04	-0.03	0.02	188.17	ppb
Cobalt	59-2	0.32	0.29	0.28	0.30	6.37	ppb
Copper	63-2	0.07	0.05	0.08	0.07	24.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	608.39	598.39	584.45	597.08	2.01	ppb
Iron	56-2	639.13	642.41	631.96	637.83	0.84	ppb
Iron	57-2	665.70	648.56	637.12	650.46	2.21	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:06:38	DataFile Name :	200AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.06	0.04	0.06	23.41	ppb
Lead	207-1	0.05	0.07	0.05	0.06	18.90	ppb
Lead	208-1	0.06	0.06	0.05	0.06	8.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	23492.39	23817.73	22913.43	23407.85	1.96	ppb
Manganese	55-2	303.34	308.37	305.14	305.62	0.83	ppb
Molybdenum	94-1	0.18	0.16	0.18	0.17	6.45	ppb
Molybdenum	95-1	0.23	0.22	0.21	0.22	4.97	ppb
Molybdenum	96-1	0.22	0.15	0.20	0.19	17.43	ppb
Molybdenum	97-1	0.20	0.23	0.17	0.20	15.94	ppb
Molybdenum	98-1	0.19	0.17	0.19	0.18	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.74	0.80	0.79	0.78	4.18	ppb
Phosphorus	31-2	-22.94	-11.32	-4.64	-12.97		ppb
Potassium	39-2	232.71	237.69	232.45	234.28	1.26	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	0.96	0.20	0.45	0.54	71.71	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-1.32	-0.53	-0.80		ppb
Silicon	28-1	334.20	348.49	351.29	344.66	2.66	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.66	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.09	ppb
Sodium	23-2	4276.55	4281.16	4117.51	4225.07	2.21	ppb
Strontium	86-1	318.16	293.60	308.47	306.74	4.03	ppb
Strontium	88-1	303.75	296.66	298.40	299.61	1.23	ppb
Sulfur	34-1	39946.15	39870.06	41758.88	40525.03	2.64	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.01	0.00	0.02	0.00	523.76	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:06:38	DataFile Name :	200AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.85	0.88	0.84	0.86	2.23	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	0.49	ppb
Vanadium	51-2	0.06	0.08	0.06	0.07	13.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	0.36	0.29	0.39	0.35	14.24	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.00	0.02	0.01	78.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:09:35	DataFile Name :	201AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.24	2.13	2.03	2.13	4.94	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	2.72	2.91	2.85	2.83	3.42	ppb
Barium	135-1	2.49	2.48	2.45	2.47	0.87	ppb
Barium	137-1	2.51	2.41	2.46	2.46	2.09	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	57.04	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	6.51	6.61	6.55	6.56	0.74	ppb
Boron	11-1	6.69	7.09	7.03	6.94	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.00	-0.03	-0.02		ppb
Cadmium	106-1	-1.09	-0.32	-1.80	-1.07		ppb
Cadmium	108-1	-0.09	-0.17	-0.18	-0.15		ppb
Calcium	43-1	40466.77	39668.31	38867.38	39667.48	2.02	ppb
Calcium	44-1	38796.92	39274.60	38050.28	38707.27	1.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.05	-0.06	-0.06		ppb
Cobalt	59-2	0.30	0.31	0.30	0.30	2.79	ppb
Copper	63-2	0.05	0.04	0.07	0.05	28.37	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				111		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	487.29	501.94	495.24	494.82	1.48	ppb
Iron	56-2	493.86	505.38	506.05	501.76	1.37	ppb
Iron	57-2	512.50	546.85	528.40	529.25	3.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:09:35	DataFile Name :	201AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.05	0.06	18.23	ppb
Lead	207-1	0.04	0.05	0.04	0.04	8.65	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	24185.27	24123.78	23742.86	24017.30	1.00	ppb
Manganese	55-2	317.57	320.28	317.68	318.51	0.48	ppb
Molybdenum	94-1	0.16	0.16	0.16	0.16	2.67	ppb
Molybdenum	95-1	0.23	0.18	0.21	0.21	10.92	ppb
Molybdenum	96-1	0.19	0.19	0.21	0.20	4.73	ppb
Molybdenum	97-1	0.15	0.20	0.21	0.19	14.68	ppb
Molybdenum	98-1	0.18	0.16	0.20	0.18	9.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.67	0.69	0.65	8.43	ppb
Phosphorus	31-2	-19.43	-14.36	-17.45	-17.08		ppb
Potassium	39-2	232.14	249.08	229.25	236.82	4.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	1.61	1.58	0.88	1.36	30.29	ppb
Selenium	77-2	0.43	0.90	0.00	0.44	101.72	ppb
Selenium	78-2	-0.48	-0.69	-1.06	-0.74		ppb
Silicon	28-1	375.00	350.97	353.95	359.97	3.64	ppb
Silver	107-1	0.01	0.00	0.01	0.01	43.19	ppb
Silver	109-1	0.00	0.01	0.01	0.01	24.21	ppb
Sodium	23-2	4399.89	4473.52	4428.44	4433.95	0.84	ppb
Strontium	86-1	323.18	310.89	318.30	317.46	1.95	ppb
Strontium	88-1	316.69	304.33	307.32	309.45	2.08	ppb
Sulfur	34-1	45307.92	41899.08	42780.67	43329.23	4.08	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:09:35	DataFile Name :	201AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.68	0.63	0.67	0.66	4.39	ppb
Uranium	238-1	0.12	0.14	0.12	0.13	8.96	ppb
Vanadium	51-2	0.05	0.04	0.07	0.05	28.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	0.18	0.07	0.11	0.12	47.96	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	789.49	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	72.90	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:12:29	DataFile Name :	202AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.24	-1.98	-2.14	-2.12		ppb
Antimony	121-1	0.00	0.00	0.01	0.01	69.83	ppb
Arsenic	75-2	9.36	9.63	9.64	9.54	1.65	ppb
Barium	135-1	1.15	1.30	1.22	1.22	6.19	ppb
Barium	137-1	1.14	1.23	1.21	1.19	3.93	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	8185.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	2.94	3.04	2.96	2.98	1.84	ppb
Boron	11-1	2.92	3.15	3.10	3.06	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.05	0.03	0.03	63.93	ppb
Cadmium	106-1	0.10	2.14	0.66	0.96	109.02	ppb
Cadmium	108-1	-0.17	0.00	-0.19	-0.12		ppb
Calcium	43-1	13774.23	14134.18	13859.49	13922.63	1.35	ppb
Calcium	44-1	14139.01	14060.31	13903.44	14034.25	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.10	-0.12	-0.10		ppb
Cobalt	59-2	0.09	0.09	0.10	0.09	6.56	ppb
Copper	63-2	0.06	0.06	0.07	0.06	12.25	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				110		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	328.55	326.76	325.40	326.90	0.48	ppb
Iron	56-2	349.63	336.12	340.77	342.17	2.01	ppb
Iron	57-2	346.14	341.14	342.74	343.34	0.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:12:29	DataFile Name :	202AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.04	0.05	11.66	ppb
Lead	207-1	0.04	0.04	0.03	0.03	8.47	ppb
Lead	208-1	0.04	0.04	0.04	0.04	9.60	ppb
Lithium	6-1				106		%
Magnesium	24-2	8372.75	8552.51	8465.60	8463.62	1.06	ppb
Manganese	55-2	14.47	14.31	14.65	14.48	1.16	ppb
Molybdenum	94-1	0.19	0.21	0.18	0.19	8.77	ppb
Molybdenum	95-1	0.27	0.25	0.24	0.25	7.14	ppb
Molybdenum	96-1	0.22	0.23	0.21	0.22	3.84	ppb
Molybdenum	97-1	0.17	0.23	0.23	0.21	17.69	ppb
Molybdenum	98-1	0.23	0.23	0.25	0.23	4.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.21	0.27	0.25	12.83	ppb
Phosphorus	31-2	-29.13	-32.14	-30.42	-30.56		ppb
Potassium	39-2	116.49	108.16	116.42	113.69	4.21	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	1.62	0.91	-0.93	0.53	247.14	ppb
Selenium	77-2	0.44	0.00	0.00	0.15	173.21	ppb
Selenium	78-2	-0.98	-1.06	-0.70	-0.91		ppb
Silicon	28-1	59.96	61.32	59.59	60.29	1.51	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.92	ppb
Silver	109-1	0.00	0.01	0.01	0.01	16.83	ppb
Sodium	23-2	1517.91	1516.89	1526.65	1520.48	0.35	ppb
Strontium	86-1	341.51	347.68	334.60	341.26	1.92	ppb
Strontium	88-1	334.14	326.94	330.01	330.36	1.09	ppb
Sulfur	34-1	18129.38	18016.13	17147.96	17764.49	3.02	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.01	-0.05	-0.01	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:12:29	DataFile Name :	202AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.08	0.04	0.05	65.73	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	0.75	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	77.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.12	0.10	0.17	0.13	26.94	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	448.84	ppb
Zirconium	91-1	0.01	0.03	0.00	0.02	82.52	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:15:29	DataFile Name :	203AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.27	-2.31	-2.14	-2.24		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	398.02	ppb
Arsenic	75-2	2.41	2.26	2.25	2.31	4.04	ppb
Barium	135-1	1.94	1.96	2.02	1.97	2.11	ppb
Barium	137-1	1.97	1.92	2.00	1.96	2.00	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	12.64	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	3.23	3.15	3.95	3.44	12.74	ppb
Boron	11-1	3.50	3.33	3.83	3.56	7.15	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.02	-0.05	-0.02		ppb
Cadmium	106-1	0.25	-1.12	-1.92	-0.93		ppb
Cadmium	108-1	-0.07	-0.06	-0.07	-0.07		ppb
Calcium	43-1	19396.38	18498.27	17991.40	18628.69	3.82	ppb
Calcium	44-1	19111.00	17701.38	18282.99	18365.12	3.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.04	-0.07	-0.05		ppb
Cobalt	59-2	0.49	0.49	0.47	0.48	2.08	ppb
Copper	63-2	0.14	0.14	0.17	0.15	11.52	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				107		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	54-2	192.03	195.12	194.51	193.89	0.84	ppb
Iron	56-2	196.55	199.80	197.36	197.90	0.85	ppb
Iron	57-2	205.28	204.84	203.55	204.56	0.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:15:29	DataFile Name :	203AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.03	0.04	14.97	ppb
Lead	207-1	0.02	0.04	0.02	0.03	36.56	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	9796.35	10028.42	9809.83	9878.20	1.32	ppb
Manganese	55-2	113.69	114.50	113.06	113.75	0.64	ppb
Molybdenum	94-1	0.01	0.01	0.07	0.03	127.33	ppb
Molybdenum	95-1	0.06	0.05	0.07	0.06	13.43	ppb
Molybdenum	96-1	0.06	0.04	0.05	0.05	18.00	ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	28.95	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	23.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.31	0.29	0.31	5.88	ppb
Phosphorus	31-2	-33.35	-21.44	-31.62	-28.80		ppb
Potassium	39-2	174.31	177.32	178.44	176.69	1.21	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	0.43	0.16	-0.05	0.18	130.04	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.33	-0.56	-0.35	-0.75		ppb
Silicon	28-1	61.36	57.28	53.91	57.52	6.48	ppb
Silver	107-1	0.00	0.00	0.00	0.00	27.48	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.24	ppb
Sodium	23-2	1401.34	1402.91	1379.57	1394.61	0.94	ppb
Strontium	86-1	491.54	483.49	490.67	488.57	0.90	ppb
Strontium	88-1	468.08	469.66	484.25	474.00	1.88	ppb
Sulfur	34-1	23445.03	21762.18	21460.10	22222.44	4.81	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.02	-0.04	-0.03	-0.03		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:15:29	DataFile Name :	203AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	0.07	0.07	0.07	7.62	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.81	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	28.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	0.03	0.09	0.12	0.08	59.26	ppb
Zirconium	90-1	0.00	0.00	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:18:26	DataFile Name :	204AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.85	-2.11	-1.73	-1.90		ppb
Antimony	121-1	0.00	0.00	-0.01	-0.01		ppb
Arsenic	75-2	30.44	29.54	29.96	29.98	1.52	ppb
Barium	135-1	3.60	3.64	3.67	3.64	0.92	ppb
Barium	137-1	3.72	3.56	3.80	3.69	3.33	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	34.38	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	7.98	7.32	7.53	7.61	4.37	ppb
Boron	11-1	8.15	8.24	8.01	8.14	1.43	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	0.01	-0.01		ppb
Cadmium	106-1	-0.50	-0.27	-0.28	-0.35		ppb
Cadmium	108-1	-0.06	-0.07	-0.19	-0.11		ppb
Calcium	43-1	35725.84	33964.03	35017.25	34902.38	2.54	ppb
Calcium	44-1	34826.02	34806.23	35114.16	34915.47	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.09	-0.10	-0.09		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	5.19	ppb
Copper	63-2	0.03	0.04	0.05	0.04	23.41	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				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	1382.99	1359.44	1409.09	1383.84	1.79	ppb
Iron	56-2	1463.77	1471.93	1444.81	1460.17	0.95	ppb
Iron	57-2	1413.38	1438.42	1424.52	1425.44	0.88	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:18:26	DataFile Name :	204AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.05	0.05	22.69	ppb
Lead	207-1	0.04	0.04	0.04	0.04	3.20	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.04	ppb
Lithium	6-1				103		%
Magnesium	24-2	24603.64	24438.31	25251.70	24764.55	1.74	ppb
Manganese	55-2	298.72	292.90	298.77	296.80	1.14	ppb
Molybdenum	94-1	0.02	0.01	0.03	0.02	40.66	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	6.80	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	11.14	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	28.17	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.01	33.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.06	0.04	32.38	ppb
Phosphorus	31-2	23.85	9.59	5.90	13.11	72.28	ppb
Potassium	39-2	351.61	348.22	360.62	353.48	1.81	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	-0.38	2.13	1.64	1.13	117.55	ppb
Selenium	77-2	0.44	0.00	0.00	0.15	173.21	ppb
Selenium	78-2	-0.38	-1.13	-0.73	-0.75		ppb
Silicon	28-1	161.86	153.37	157.76	157.67	2.69	ppb
Silver	107-1	0.01	0.00	0.00	0.00	52.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.88	ppb
Sodium	23-2	3162.86	3212.57	3268.78	3214.74	1.65	ppb
Strontium	86-1	694.45	692.75	660.76	682.65	2.78	ppb
Strontium	88-1	693.61	683.41	669.57	682.20	1.77	ppb
Sulfur	34-1	44514.43	43053.13	44761.41	44109.66	2.09	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.00	-0.03	-0.03	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:18:26	DataFile Name :	204AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.17	0.20	0.16	26.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.18	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	63.85	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	0.56	0.36	0.52	0.48	21.43	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	512.39	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	45.64	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:21:22	DataFile Name :	205AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.52	-1.72	-1.57	-1.60		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	139.75	ppb
Arsenic	75-2	0.33	0.31	0.28	0.31	8.28	ppb
Barium	135-1	1.78	1.76	1.71	1.75	2.10	ppb
Barium	137-1	1.66	1.62	1.63	1.64	1.46	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	30.36	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	5.85	6.28	6.49	6.21	5.25	ppb
Boron	11-1	6.11	6.48	6.78	6.46	5.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.02	-0.01	0.01	216.82	ppb
Cadmium	106-1	0.83	0.86	-0.52	0.39	203.75	ppb
Cadmium	108-1	-0.16	-0.04	-0.12	-0.11		ppb
Calcium	43-1	31239.07	29962.10	31178.05	30793.07	2.34	ppb
Calcium	44-1	30109.85	29877.23	30485.18	30157.42	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.09	-0.07	-0.07		ppb
Cobalt	59-2	0.43	0.43	0.46	0.44	3.43	ppb
Copper	63-2	0.15	0.11	0.12	0.13	16.56	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				107		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	233.09	232.17	232.50	232.59	0.20	ppb
Iron	56-2	233.55	227.89	232.84	231.43	1.33	ppb
Iron	57-2	256.15	250.04	261.49	255.89	2.24	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:21:22	DataFile Name :	205AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	6.27	ppb
Lead	207-1	0.02	0.02	0.02	0.02	18.46	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.96	ppb
Lithium	6-1				102		%
Magnesium	24-2	21076.83	20606.57	21973.31	21218.90	3.27	ppb
Manganese	55-2	269.73	265.57	275.29	270.20	1.80	ppb
Molybdenum	94-1	0.15	0.12	0.14	0.13	10.40	ppb
Molybdenum	95-1	0.16	0.18	0.15	0.16	9.43	ppb
Molybdenum	96-1	0.13	0.14	0.15	0.14	8.79	ppb
Molybdenum	97-1	0.14	0.15	0.16	0.15	5.98	ppb
Molybdenum	98-1	0.15	0.16	0.14	0.15	8.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.16	0.17	0.16	4.49	ppb
Phosphorus	31-2	-33.23	-29.35	-30.41	-31.00		ppb
Potassium	39-2	177.98	166.96	180.63	175.19	4.14	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.24	0.21	0.84	0.43	82.21	ppb
Selenium	77-2	0.00	0.45	0.00	0.15	173.21	ppb
Selenium	78-2	-0.83	-0.58	-1.22	-0.88		ppb
Silicon	28-1	145.85	151.78	147.40	148.34	2.07	ppb
Silver	107-1	0.01	0.00	0.01	0.00	24.30	ppb
Silver	109-1	0.00	0.00	0.00	0.00	44.82	ppb
Sodium	23-2	2789.84	2813.06	2862.31	2821.74	1.31	ppb
Strontium	86-1	558.96	550.38	564.64	557.99	1.29	ppb
Strontium	88-1	542.96	555.46	545.39	547.94	1.21	ppb
Sulfur	34-1	41585.04	42830.56	40103.96	41506.52	3.29	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:21:22	DataFile Name :	205AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.15	0.16	0.15	10.75	ppb
Uranium	238-1	0.05	0.06	0.06	0.06	8.94	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	14.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	0.15	0.24	0.15	0.18	30.98	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	191.39	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	106.63	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:24:17	DataFile Name :	206AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.25	1.81	1.75	1.94	13.94	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	21.99	ppb
Arsenic	75-2	3.08	3.05	3.04	3.06	0.67	ppb
Barium	135-1	5.79	5.43	5.94	5.72	4.57	ppb
Barium	137-1	5.65	5.66	5.74	5.68	0.93	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	71.67	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	5.27	5.46	5.64	5.46	3.31	ppb
Boron	11-1	5.58	5.79	5.69	5.68	1.84	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.15	-0.80	-1.41	-0.79		ppb
Cadmium	108-1	-0.19	-0.06	-0.20	-0.15		ppb
Calcium	43-1	29650.01	29888.97	28542.28	29360.42	2.45	ppb
Calcium	44-1	29303.33	28851.87	29124.62	29093.27	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.09	-0.10	-0.09		ppb
Cobalt	59-2	0.06	0.06	0.08	0.07	16.63	ppb
Copper	63-2	0.12	0.14	0.13	0.13	6.54	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				107		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	76.83	82.67	77.36	78.96	4.09	ppb
Iron	56-2	82.52	81.25	80.37	81.38	1.33	ppb
Iron	57-2	97.33	99.20	101.87	99.47	2.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:24:17	DataFile Name :	206AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	3.98	ppb
Lead	207-1	0.03	0.07	0.03	0.05	47.80	ppb
Lead	208-1	0.04	0.06	0.05	0.05	16.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	24044.23	25182.44	24892.96	24706.54	2.39	ppb
Manganese	55-2	22.88	23.04	23.70	23.20	1.88	ppb
Molybdenum	94-1	0.14	0.14	0.13	0.13	4.31	ppb
Molybdenum	95-1	0.12	0.15	0.15	0.14	11.56	ppb
Molybdenum	96-1	0.12	0.15	0.16	0.14	15.17	ppb
Molybdenum	97-1	0.14	0.16	0.18	0.16	13.68	ppb
Molybdenum	98-1	0.14	0.15	0.16	0.15	7.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.16	0.21	0.18	16.12	ppb
Phosphorus	31-2	-24.82	-28.89	-30.48	-28.06		ppb
Potassium	39-2	227.17	235.03	225.08	229.09	2.29	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.29	1.77	1.69	1.25	66.68	ppb
Selenium	77-2	0.42	0.00	0.86	0.43	100.70	ppb
Selenium	78-2	-0.41	-0.17	-0.44	-0.34		ppb
Silicon	28-1	136.79	134.92	136.23	135.98	0.71	ppb
Silver	107-1	0.01	0.00	0.01	0.00	32.71	ppb
Silver	109-1	0.01	0.00	0.00	0.00	41.02	ppb
Sodium	23-2	4144.24	4358.22	4148.06	4216.84	2.90	ppb
Strontium	86-1	524.27	552.55	562.36	546.40	3.62	ppb
Strontium	88-1	541.33	543.24	529.99	538.19	1.33	ppb
Sulfur	34-1	45002.68	44204.84	43714.71	44307.41	1.47	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.03		ppb
Thallium	205-1	-0.03	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.02	-0.03	-0.03	-0.03		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:24:17	DataFile Name :	206AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.27	0.32	0.33	0.31	10.38	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	3.33	ppb
Vanadium	51-2	0.04	0.06	0.06	0.05	15.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	0.60	0.45	0.57	0.54	15.34	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	85.30	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	54.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BL	Instrumnet Name :	P8
Client Sample ID :	PBW730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:30:44	DataFile Name :	207CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.51	-2.45	-2.50	-2.49		ppb
Antimony	121-1	-0.01	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	105.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	0.25	0.32	0.19	0.25	25.34	ppb
Boron	11-1	0.29	0.29	0.21	0.26	18.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	-0.03	-0.02		ppb
Cadmium	106-1	-0.46	-0.56	-1.41	-0.81		ppb
Cadmium	108-1	-0.02	-0.20	-0.09	-0.10		ppb
Calcium	43-1	-0.12	-0.86	-0.51	-0.50		ppb
Calcium	44-1	0.37	-0.31	-1.00	-0.31		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.05	-0.01	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.03	0.05	0.02	0.03	33.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	1.12	1.24	0.70	1.02	27.92	ppb
Iron	56-2	-0.07	0.14	0.08	0.05	225.02	ppb
Iron	57-2	1.14	0.09	0.14	0.46	129.75	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BL	Instrumnet Name :	P8
Client Sample ID :	PBW730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:30:44	DataFile Name :	207CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.04	0.04	13.13	ppb
Lead	207-1	0.04	-0.01	0.01	0.01	174.39	ppb
Lead	208-1	0.03	0.02	0.02	0.02	30.40	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.79	1.54	2.67	1.67	56.86	ppb
Manganese	55-2	0.02	0.01	-0.01	0.01	188.10	ppb
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-32.74	-26.63	-29.84	-29.74		ppb
Potassium	39-2	2.79	2.26	4.25	3.10	33.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	1.38	0.44	1.54	1.12	53.34	ppb
Selenium	77-2	0.00	0.45	0.00	0.15	173.21	ppb
Selenium	78-2	-0.83	-1.95	-0.53	-1.11		ppb
Silicon	28-1	-0.45	-1.00	-1.02	-0.82		ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.49	ppb
Silver	109-1	0.00	0.01	0.00	0.01	25.78	ppb
Sodium	23-2	-0.52	-0.51	-0.56	-0.53		ppb
Strontium	86-1	-0.18	-0.41	-0.23	-0.27		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	16.65	ppb
Sulfur	34-1	479.73	235.07	225.65	313.48	45.95	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.03	-0.01	0.00	-0.01		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BL	Instrumnet Name :	P8
Client Sample ID :	PBW730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:30:44	DataFile Name :	207CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.01	-0.03	-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	120.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	-0.05	-0.08	-0.13	-0.09		ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	125.55	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BS	Instrumnet Name :	P8
Client Sample ID :	LCS730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:33:48	DataFile Name :	208LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.16	37.14	36.56	36.62	1.34	ppb
Antimony	121-1	3.59	3.75	3.68	3.67	2.16	ppb
Arsenic	75-2	1.81	1.69	1.82	1.77	4.16	ppb
Barium	135-1	18.26	18.59	17.78	18.21	2.25	ppb
Barium	137-1	18.06	18.23	18.56	18.28	1.39	ppb
Beryllium	9-1	1.72	1.82	1.67	1.74	4.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	24.28	24.71	26.79	25.26	5.32	ppb
Boron	11-1	24.71	27.54	26.22	26.16	5.41	ppb
Bromine	81-1						cps
Cadmium	111-1	1.88	1.90	1.92	1.90	1.00	ppb
Cadmium	106-1	1.14	1.07	2.52	1.57	51.95	ppb
Cadmium	108-1	1.54	1.93	1.49	1.65	14.73	ppb
Calcium	43-1	838.31	840.57	832.66	837.18	0.49	ppb
Calcium	44-1	840.99	847.03	843.17	843.73	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.80	3.88	3.70	3.79	2.31	ppb
Cobalt	59-2	1.93	1.91	1.83	1.89	3.03	ppb
Copper	63-2	3.87	3.87	3.81	3.85	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	379.20	380.85	375.08	378.38	0.79	ppb
Iron	56-2	373.22	376.64	373.69	374.52	0.50	ppb
Iron	57-2	372.62	393.17	373.32	379.70	3.07	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BS	Instrumnet Name :	P8
Client Sample ID :	LCS730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:33:48	DataFile Name :	208LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.79	1.79	1.78	1.79	0.24	ppb
Lead	207-1	1.78	1.72	1.80	1.77	2.30	ppb
Lead	208-1	1.77	1.75	1.78	1.77	1.09	ppb
Lithium	6-1				98		%
Magnesium	24-2	967.11	983.72	959.60	970.14	1.27	ppb
Manganese	55-2	1.86	1.82	1.81	1.83	1.50	ppb
Molybdenum	94-1	10.85	11.35	11.15	11.12	2.30	ppb
Molybdenum	95-1	9.80	10.37	10.21	10.13	2.95	ppb
Molybdenum	96-1	9.42	10.05	10.05	9.84	3.68	ppb
Molybdenum	97-1	9.52	9.78	9.88	9.73	1.89	ppb
Molybdenum	98-1	9.57	10.01	9.96	9.84	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	1.90	1.78	1.90	6.18	ppb
Phosphorus	31-2	-22.20	-16.02	-6.25	-14.82		ppb
Potassium	39-2	869.44	868.02	862.52	866.66	0.42	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	9.29	8.85	9.30	9.15	2.77	ppb
Selenium	77-2	11.68	6.10	10.88	9.55	31.58	ppb
Selenium	78-2	8.78	9.71	8.19	8.89	8.61	ppb
Silicon	28-1	0.68	1.19	0.91	0.93	27.60	ppb
Silver	107-1	1.86	1.85	1.87	1.86	0.41	ppb
Silver	109-1	1.81	1.88	1.82	1.84	2.28	ppb
Sodium	23-2	890.35	933.29	927.50	917.05	2.54	ppb
Strontium	86-1	3.24	3.95	3.97	3.72	11.09	ppb
Strontium	88-1	3.82	4.10	3.96	3.96	3.59	ppb
Sulfur	34-1	457.88	365.50	384.80	402.73	12.10	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	1.67	1.70	1.66	1.68	1.21	ppb
Thallium	205-1	1.64	1.67	1.71	1.68	1.90	ppb
Tin	118-1	0.18	0.16	0.17	0.17	6.75	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BS	Instrumnet Name :	P8
Client Sample ID :	LCS730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:33:48	DataFile Name :	208LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.45	8.60	8.23	8.42	2.23	ppb
Uranium	238-1	1.64	1.68	1.63	1.65	1.67	ppb
Vanadium	51-2	8.80	8.61	8.61	8.67	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	9.65	9.67	9.53	9.62	0.81	ppb
Zirconium	90-1	1.59	1.64	1.65	1.63	1.89	ppb
Zirconium	91-1	1.56	1.76	1.70	1.67	6.22	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:42:50	DataFile Name :	209CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48745.40	49174.64	49023.83	48981.29	0.44	ppb
Antimony	121-1	529.75	497.30	504.77	510.61	3.33	ppb
Arsenic	75-2	513.56	492.46	501.68	502.57	2.10	ppb
Barium	135-1	2601.26	2484.55	2447.99	2511.27	3.19	ppb
Barium	137-1	2530.98	2392.26	2408.35	2443.86	3.10	ppb
Beryllium	9-1	512.61	495.24	511.31	506.38	1.91	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	494.46	471.51	512.93	492.97	4.21	ppb
Boron	11-1	474.79	477.04	526.50	492.78	5.93	ppb
Bromine	81-1						cps
Cadmium	111-1	485.04	471.22	480.24	478.83	1.47	ppb
Cadmium	106-1	489.32	466.20	471.51	475.68	2.55	ppb
Cadmium	108-1	507.12	454.01	475.76	478.96	5.57	ppb
Calcium	43-1	241332.33	230619.25	221722.22	231224.60	4.25	ppb
Calcium	44-1	242478.62	233210.47	222484.77	232724.62	4.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.85	471.20	481.56	478.87	1.41	ppb
Cobalt	59-2	483.71	465.97	474.78	474.82	1.87	ppb
Copper	63-2	4901.09	4797.84	4822.71	4840.55	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	120900.90	122321.78	122752.46	121991.71	0.79	ppb
Iron	56-2	122863.70	124674.16	124699.49	124079.11	0.85	ppb
Iron	57-2	124172.32	121056.82	118643.00	121290.71	2.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:42:50	DataFile Name :	209CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2631.73	2492.26	2551.54	2558.51	2.74	ppb
Lead	207-1	2647.60	2460.69	2532.48	2546.92	3.70	ppb
Lead	208-1	2629.80	2446.69	2489.44	2521.98	3.80	ppb
Lithium	6-1				94		%
Magnesium	24-2	251153.69	242769.11	246219.75	246714.18	1.71	ppb
Manganese	55-2	4644.79	4654.31	4761.15	4686.75	1.38	ppb
Molybdenum	94-1	5107.06	4748.34	5044.20	4966.53	3.86	ppb
Molybdenum	95-1	5027.89	4687.06	5005.16	4906.70	3.88	ppb
Molybdenum	96-1	5018.74	4710.40	5011.41	4913.52	3.58	ppb
Molybdenum	97-1	4986.60	4747.74	4944.16	4892.83	2.60	ppb
Molybdenum	98-1	5089.02	4774.08	4833.51	4898.87	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.27	488.83	488.91	488.67	0.07	ppb
Phosphorus	31-2	9381.53	9369.41	9442.94	9397.96	0.42	ppb
Potassium	39-2	117024.82	118735.48	119201.83	118320.71	0.97	ppb
Rhodium	103-1				89		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	494.73	468.28	486.38	483.13	2.80	ppb
Selenium	77-2	474.38	454.02	453.01	460.47	2.62	ppb
Selenium	78-2	493.12	472.53	480.11	481.92	2.16	ppb
Silicon	28-1	523.71	479.67	499.99	501.12	4.40	ppb
Silver	107-1	503.78	467.15	497.46	489.46	4.00	ppb
Silver	109-1	499.10	463.04	464.38	475.50	4.30	ppb
Sodium	23-2	249872.57	246110.86	241171.85	245718.43	1.78	ppb
Strontium	86-1	512.09	477.25	508.58	499.31	3.84	ppb
Strontium	88-1	499.05	480.58	490.55	490.06	1.89	ppb
Sulfur	34-1	9837.88	8661.76	9081.57	9193.74	6.48	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	523.97	498.37	490.53	504.29	3.47	ppb
Thallium	205-1	512.14	499.63	512.32	508.03	1.43	ppb
Tin	118-1	500.02	479.75	484.72	488.16	2.16	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:42:50	DataFile Name :	209CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4910.42	4741.98	4847.26	4833.22	1.76	ppb
Uranium	238-1	507.85	499.34	501.52	502.90	0.88	ppb
Vanadium	51-2	492.77	489.36	476.53	486.22	1.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	4962.90	4828.76	4842.06	4877.91	1.52	ppb
Zirconium	90-1	521.94	487.79	491.38	500.37	3.75	ppb
Zirconium	91-1	517.55	476.42	498.60	497.52	4.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:49:34	DataFile Name :	210CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.99	-2.04	-1.87	-1.97		ppb
Antimony	121-1	0.07	0.07	0.08	0.07	7.93	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	0.02	0.03	0.02	0.02	24.04	ppb
Barium	137-1	0.02	0.04	0.02	0.03	30.74	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	32.01	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	10.08	9.22	9.57	9.63	4.47	ppb
Boron	11-1	10.32	9.60	10.03	9.98	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-1.13	-2.86	-2.15	-2.05		ppb
Cadmium	108-1	-0.05	-0.08	-0.12	-0.08		ppb
Calcium	43-1	0.99	3.21	0.33	1.51	99.96	ppb
Calcium	44-1	0.97	3.52	0.01	1.50	120.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.07	-0.12	-0.10		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.05	0.08	0.06	30.42	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				108		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	0.63	1.30	0.34	0.75	65.76	ppb
Iron	56-2	0.80	0.84	1.06	0.90	15.70	ppb
Iron	57-2	1.65	2.15	2.53	2.11	20.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:49:34	DataFile Name :	210CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.12	0.08	0.09	25.37	ppb
Lead	207-1	0.04	0.08	0.05	0.06	32.40	ppb
Lead	208-1	0.06	0.10	0.06	0.07	32.20	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.46	2.57	2.88	2.63	8.30	ppb
Manganese	55-2	0.05	0.05	0.08	0.06	27.21	ppb
Molybdenum	94-1	0.11	0.12	0.06	0.10	37.22	ppb
Molybdenum	95-1	0.08	0.12	0.09	0.10	25.29	ppb
Molybdenum	96-1	0.07	0.12	0.08	0.09	31.67	ppb
Molybdenum	97-1	0.08	0.13	0.05	0.09	47.31	ppb
Molybdenum	98-1	0.09	0.13	0.07	0.10	33.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-40.35	-26.42	-34.71	-33.83		ppb
Potassium	39-2	4.23	2.55	2.42	3.07	32.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.25	1.78	0.44	0.82	100.74	ppb
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	-1.05	0.43	-0.44	-0.35		ppb
Silicon	28-1	-1.92	-2.12	-2.12	-2.05		ppb
Silver	107-1	0.03	0.04	0.02	0.03	23.85	ppb
Silver	109-1	0.03	0.03	0.03	0.03	1.15	ppb
Sodium	23-2	3.19	4.22	4.01	3.81	14.24	ppb
Strontium	86-1	-0.38	-0.30	-0.35	-0.34		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	40.86	ppb
Sulfur	34-1	-462.70	-477.50	-306.38	-415.53		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.01	-0.01	0.00		ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.03		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:49:34	DataFile Name :	210CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.08	-0.01	0.03	133.98	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	69.88	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	32.56	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	-0.12	0.02	-0.03	-0.04		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	57.32	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	54.71	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q12A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:26:34	DataFile Name :	211AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23600.94	23317.10	23851.25	23589.76	1.13	ppb
Antimony	121-1	6.33	6.43	6.54	6.43	1.67	ppb
Arsenic	75-2	40.41	40.06	40.84	40.44	0.96	ppb
Barium	135-1	702.40	697.23	752.47	717.36	4.25	ppb
Barium	137-1	708.17	724.01	728.10	720.09	1.46	ppb
Beryllium	9-1	2.10	2.13	1.97	2.07	4.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	25.34	27.67	27.25	26.75	4.64	ppb
Boron	11-1	25.97	29.60	28.41	27.99	6.61	ppb
Bromine	81-1						cps
Cadmium	111-1	9.57	9.77	9.85	9.73	1.49	ppb
Cadmium	106-1	8.13	10.49	7.94	8.85	16.07	ppb
Cadmium	108-1	11.36	11.25	11.65	11.42	1.80	ppb
Calcium	43-1	150829.57	149319.46	152593.65	150914.22	1.09	ppb
Calcium	44-1	152441.36	152235.03	160495.01	155057.13	3.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.54	59.70	60.20	59.81	0.57	ppb
Cobalt	59-2	22.76	22.67	22.78	22.74	0.27	ppb
Copper	63-2	501.85	497.97	511.63	503.82	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	87490.42	89751.65	86519.62	87920.56	1.89	ppb
Iron	56-2	88934.22	90802.85	88155.15	89297.41	1.52	ppb
Iron	57-2	89025.30	87508.12	89362.67	88632.03	1.11	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q12A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:26:34	DataFile Name :	211AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	870.88	908.74	875.38	885.00	2.34	ppb
Lead	207-1	877.99	864.42	856.31	866.24	1.26	ppb
Lead	208-1	872.82	871.96	865.84	870.21	0.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	14590.11	14841.97	14669.24	14700.44	0.88	ppb
Manganese	55-2	1433.28	1414.12	1387.46	1411.62	1.63	ppb
Molybdenum	94-1	7.99	8.02	8.43	8.15	3.05	ppb
Molybdenum	95-1	6.27	6.22	6.71	6.40	4.21	ppb
Molybdenum	96-1	8.12	8.25	8.87	8.41	4.77	ppb
Molybdenum	97-1	6.24	6.15	6.53	6.31	3.21	ppb
Molybdenum	98-1	6.40	6.02	6.46	6.29	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.56	60.43	59.15	60.05	1.30	ppb
Phosphorus	31-2	8456.63	8017.09	8513.01	8328.91	3.26	ppb
Potassium	39-2	9728.83	9500.79	9844.48	9691.36	1.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	5.70	4.54	4.25	4.83	15.94	ppb
Selenium	77-2	38.29	45.53	39.02	40.95	9.73	ppb
Selenium	78-2	9.28	8.63	9.99	9.30	7.28	ppb
Silicon	28-1	140.17	134.56	142.88	139.20	3.05	ppb
Silver	107-1	2.20	2.31	2.47	2.33	5.77	ppb
Silver	109-1	2.20	2.34	2.33	2.29	3.41	ppb
Sodium	23-2	657.91	674.50	665.86	666.09	1.25	ppb
Strontium	86-1	611.77	602.18	621.18	611.71	1.55	ppb
Strontium	88-1	603.10	588.79	626.09	605.99	3.11	ppb
Sulfur	34-1	2915.06	2765.86	2922.24	2867.72	3.08	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.79	0.82	0.91	0.84	7.47	ppb
Thallium	205-1	0.85	0.89	0.88	0.87	2.12	ppb
Tin	118-1	22.94	22.57	24.49	23.33	4.38	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q12A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:26:34	DataFile Name :	211AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	465.38	476.36	485.09	475.61	2.08	ppb
Uranium	238-1	5.69	5.43	5.98	5.70	4.81	ppb
Vanadium	51-2	171.28	168.06	169.50	169.62	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				109		%
Zinc	66-2	1321.55	1341.91	1340.92	1334.79	0.86	ppb
Zirconium	90-1	1.47	1.54	1.53	1.52	2.53	ppb
Zirconium	91-1	1.44	1.52	1.52	1.49	2.92	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q13A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:29:28	DataFile Name :	212AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24688.11	23021.89	24718.93	24142.98	4.02	ppb
Antimony	121-1	7.20	7.27	7.57	7.35	2.66	ppb
Arsenic	75-2	40.06	40.23	39.03	39.77	1.63	ppb
Barium	135-1	903.83	907.58	965.64	925.68	3.74	ppb
Barium	137-1	904.77	888.51	936.75	910.01	2.70	ppb
Beryllium	9-1	2.20	2.13	2.21	2.18	1.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	25.06	26.39	27.11	26.19	3.99	ppb
Boron	11-1	26.20	26.63	27.03	26.62	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	50.02	50.62	53.67	51.44	3.81	ppb
Cadmium	106-1	40.09	42.77	41.12	41.33	3.27	ppb
Cadmium	108-1	40.66	42.41	45.49	42.85	5.71	ppb
Calcium	43-1	170044.01	169822.87	171350.66	170405.85	0.48	ppb
Calcium	44-1	174260.10	168668.95	172282.70	171737.25	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.16	54.15	56.55	55.62	2.32	ppb
Cobalt	59-2	24.38	23.30	23.91	23.86	2.27	ppb
Copper	63-2	221.16	219.57	223.56	221.43	0.91	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				105		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	79627.42	76530.21	79005.93	78387.85	2.09	ppb
Iron	56-2	79570.02	80582.04	80866.79	80339.62	0.85	ppb
Iron	57-2	79862.88	77337.78	80335.29	79178.65	2.04	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q13A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:29:28	DataFile Name :	212AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1269.99	1350.92	1298.07	1306.33	3.15	ppb
Lead	207-1	1218.43	1286.76	1244.93	1250.04	2.76	ppb
Lead	208-1	1240.72	1300.78	1272.90	1271.47	2.36	ppb
Lithium	6-1				100		%
Magnesium	24-2	14614.42	14154.50	14656.95	14475.29	1.92	ppb
Manganese	55-2	1536.73	1511.20	1529.39	1525.77	0.86	ppb
Molybdenum	94-1	9.10	8.88	8.92	8.97	1.32	ppb
Molybdenum	95-1	6.84	6.65	6.63	6.70	1.75	ppb
Molybdenum	96-1	8.71	8.15	8.32	8.39	3.39	ppb
Molybdenum	97-1	7.11	6.46	6.72	6.76	4.79	ppb
Molybdenum	98-1	6.74	6.36	6.43	6.51	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.26	55.82	56.92	57.00	2.14	ppb
Phosphorus	31-2	10689.65	10168.02	10353.58	10403.75	2.54	ppb
Potassium	39-2	8325.36	8169.38	8337.42	8277.39	1.13	ppb
Rhodium	103-1				97		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	5.43	4.26	5.56	5.08	14.05	ppb
Selenium	77-2	37.46	39.74	39.71	38.97	3.35	ppb
Selenium	78-2	10.35	9.26	8.77	9.46	8.55	ppb
Silicon	28-1	205.08	202.71	202.64	203.48	0.68	ppb
Silver	107-1	3.03	3.04	3.25	3.11	4.02	ppb
Silver	109-1	3.10	3.03	3.22	3.12	3.09	ppb
Sodium	23-2	839.14	824.05	865.22	842.81	2.47	ppb
Strontium	86-1	721.59	713.21	706.49	713.76	1.06	ppb
Strontium	88-1	735.54	702.86	703.73	714.04	2.61	ppb
Sulfur	34-1	2901.26	2908.68	3043.85	2951.26	2.72	ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	0.79	0.78	0.88	0.82	6.97	ppb
Thallium	205-1	0.81	0.85	0.81	0.82	2.39	ppb
Tin	118-1	32.35	33.28	34.29	33.31	2.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q13A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:29:28	DataFile Name :	212AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	434.18	421.77	440.12	432.03	2.17	ppb
Uranium	238-1	7.26	7.13	7.31	7.23	1.24	ppb
Vanadium	51-2	148.67	141.96	150.78	147.14	3.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				114		%
Zinc	66-2	1815.93	1751.96	1816.81	1794.90	2.07	ppb
Zirconium	90-1	1.77	1.70	1.80	1.76	3.15	ppb
Zirconium	91-1	1.74	1.70	1.76	1.73	1.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04A	Instrumnet Name :	P8
Client Sample ID :	MH1Q15A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:32:24	DataFile Name :	213AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15674.10	16267.74	16599.67	16180.50	2.90	ppb
Antimony	121-1	6.23	6.38	6.35	6.32	1.24	ppb
Arsenic	75-2	107.24	107.70	108.07	107.67	0.39	ppb
Barium	135-1	735.99	772.66	731.25	746.63	3.04	ppb
Barium	137-1	701.04	736.99	714.65	717.56	2.53	ppb
Beryllium	9-1	2.08	2.08	2.10	2.09	0.55	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	12.15	11.70	12.58	12.14	3.61	ppb
Boron	11-1	12.55	12.50	13.16	12.74	2.90	ppb
Bromine	81-1						cps
Cadmium	111-1	9.66	9.60	9.68	9.65	0.40	ppb
Cadmium	106-1	7.73	7.94	9.53	8.40	11.73	ppb
Cadmium	108-1	8.53	8.63	9.03	8.73	3.02	ppb
Calcium	43-1	83507.03	86251.40	82393.50	84050.64	2.36	ppb
Calcium	44-1	86096.86	86415.96	83835.68	85449.50	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.70	43.46	43.70	43.29	1.20	ppb
Cobalt	59-2	16.61	16.60	16.32	16.51	1.00	ppb
Copper	63-2	173.28	174.66	174.07	174.00	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	32791.82	35342.16	33417.11	33850.36	3.93	ppb
Iron	56-2	34274.77	34945.65	33578.23	34266.22	2.00	ppb
Iron	57-2	33986.05	34745.21	34630.29	34453.85	1.19	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04A	Instrumnet Name :	P8
Client Sample ID :	MH1Q15A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:32:24	DataFile Name :	213AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	844.93	876.97	868.90	863.60	1.93	ppb
Lead	207-1	829.28	867.58	851.54	849.47	2.26	ppb
Lead	208-1	849.96	864.71	847.00	853.89	1.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	9115.18	9071.69	9552.13	9246.34	2.87	ppb
Manganese	55-2	1348.51	1417.28	1341.23	1369.01	3.07	ppb
Molybdenum	94-1	11.16	11.01	11.13	11.10	0.70	ppb
Molybdenum	95-1	3.65	3.77	3.82	3.75	2.34	ppb
Molybdenum	96-1	5.07	5.21	5.32	5.20	2.44	ppb
Molybdenum	97-1	3.85	3.79	3.82	3.82	0.77	ppb
Molybdenum	98-1	3.80	3.71	3.73	3.75	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.37	41.60	41.81	41.59	0.52	ppb
Phosphorus	31-2	6304.07	6447.61	6327.38	6359.69	1.21	ppb
Potassium	39-2	4261.81	4330.37	4342.11	4311.43	1.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	15.45	16.56	16.07	16.03	3.46	ppb
Selenium	77-2	46.35	55.68	41.44	47.83	15.12	ppb
Selenium	78-2	20.67	17.90	20.70	19.76	8.15	ppb
Silicon	28-1	441.61	435.59	456.44	444.55	2.41	ppb
Silver	107-1	2.60	2.66	2.64	2.63	1.24	ppb
Silver	109-1	2.62	2.68	2.64	2.65	1.09	ppb
Sodium	23-2	415.61	406.93	411.15	411.23	1.06	ppb
Strontium	86-1	339.62	331.16	341.89	337.56	1.67	ppb
Strontium	88-1	321.09	325.53	331.05	325.89	1.53	ppb
Sulfur	34-1	856.56	826.05	732.25	804.95	8.05	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.47	0.52	0.52	0.50	4.94	ppb
Thallium	205-1	0.48	0.49	0.47	0.48	2.58	ppb
Tin	118-1	20.49	20.76	20.87	20.71	0.94	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04A	Instrumnet Name :	P8
Client Sample ID :	MH1Q15A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:32:24	DataFile Name :	213AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	294.41	292.39	294.71	293.84	0.43	ppb
Uranium	238-1	4.87	4.99	4.97	4.94	1.35	ppb
Vanadium	51-2	66.35	66.69	65.66	66.23	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	1393.11	1380.07	1382.62	1385.27	0.50	ppb
Zirconium	90-1	4.04	4.15	4.24	4.14	2.49	ppb
Zirconium	91-1	4.06	4.04	4.35	4.15	4.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:36:43	DataFile Name :	214CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49310.96	49958.53	48422.52	49230.67	1.57	ppb
Antimony	121-1	479.90	497.88	492.23	490.00	1.88	ppb
Arsenic	75-2	513.92	504.48	501.05	506.48	1.32	ppb
Barium	135-1	2355.20	2437.98	2413.36	2402.18	1.77	ppb
Barium	137-1	2312.18	2362.43	2383.57	2352.73	1.56	ppb
Beryllium	9-1	511.59	493.31	513.11	506.00	2.18	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	478.31	489.17	511.81	493.10	3.47	ppb
Boron	11-1	455.47	492.43	496.40	481.43	4.69	ppb
Bromine	81-1						cps
Cadmium	111-1	462.05	463.08	461.13	462.09	0.21	ppb
Cadmium	106-1	438.53	459.23	460.14	452.64	2.70	ppb
Cadmium	108-1	465.72	471.12	450.88	462.57	2.27	ppb
Calcium	43-1	236144.29	233693.74	224329.99	231389.34	2.69	ppb
Calcium	44-1	244784.15	237234.26	231545.81	237854.74	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.92	490.51	467.70	481.38	2.51	ppb
Cobalt	59-2	486.57	472.96	468.88	476.14	1.95	ppb
Copper	63-2	4881.56	4892.68	4845.65	4873.29	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	54-2	121428.60	121410.00	122812.19	121883.59	0.66	ppb
Iron	56-2	130053.45	122030.15	122208.11	124763.90	3.67	ppb
Iron	57-2	127055.37	125232.55	122482.01	124923.31	1.84	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:36:43	DataFile Name :	214CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2611.07	2471.99	2482.72	2521.93	3.07	ppb
Lead	207-1	2584.13	2447.79	2520.31	2517.41	2.71	ppb
Lead	208-1	2542.09	2459.97	2489.58	2497.21	1.67	ppb
Lithium	6-1				92		%
Magnesium	24-2	253190.36	244470.20	240250.55	245970.37	2.68	ppb
Manganese	55-2	4890.91	4674.10	4616.48	4727.17	3.06	ppb
Molybdenum	94-1	4781.66	4876.79	4836.99	4831.81	0.99	ppb
Molybdenum	95-1	4842.55	4979.05	4803.68	4875.10	1.89	ppb
Molybdenum	96-1	4905.03	4946.53	4731.90	4861.15	2.34	ppb
Molybdenum	97-1	4878.21	4950.44	4760.39	4863.02	1.97	ppb
Molybdenum	98-1	4828.52	4986.34	4864.72	4893.19	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.95	482.65	478.94	485.18	1.61	ppb
Phosphorus	31-2	9550.40	9385.03	9320.37	9418.60	1.26	ppb
Potassium	39-2	118725.55	119838.95	116742.13	118435.54	1.32	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	463.53	480.14	471.01	471.56	1.76	ppb
Selenium	77-2	510.21	513.29	481.72	501.74	3.47	ppb
Selenium	78-2	494.59	485.55	494.05	491.39	1.03	ppb
Silicon	28-1	484.94	505.15	482.89	490.99	2.51	ppb
Silver	107-1	440.08	471.39	465.01	458.83	3.61	ppb
Silver	109-1	475.70	483.98	463.03	474.24	2.22	ppb
Sodium	23-2	240776.42	247459.48	238814.72	242350.21	1.87	ppb
Strontium	86-1	489.32	487.33	486.45	487.70	0.30	ppb
Strontium	88-1	481.12	491.05	473.17	481.78	1.86	ppb
Sulfur	34-1	8488.97	8718.59	8460.23	8555.93	1.66	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	505.94	473.32	501.97	493.74	3.60	ppb
Thallium	205-1	495.27	489.55	487.72	490.85	0.80	ppb
Tin	118-1	473.22	473.55	465.06	470.61	1.02	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:36:43	DataFile Name :	214CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4819.22	4773.56	4599.99	4730.92	2.44	ppb
Uranium	238-1	515.24	515.84	509.53	513.53	0.68	ppb
Vanadium	51-2	491.43	479.94	481.45	484.27	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	5028.72	5031.58	4901.26	4987.18	1.49	ppb
Zirconium	90-1	488.67	484.13	487.86	486.89	0.50	ppb
Zirconium	91-1	482.98	509.19	487.32	493.17	2.85	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:45:06	DataFile Name :	215LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.53	16.98	17.80	17.44	2.41	ppb
Antimony	121-1	2.28	2.12	2.07	2.16	5.03	ppb
Arsenic	75-2	1.04	0.90	0.91	0.95	8.35	ppb
Barium	135-1	10.70	9.98	9.73	10.14	5.01	ppb
Barium	137-1	10.82	9.48	9.99	10.10	6.72	ppb
Beryllium	9-1	1.19	1.01	0.95	1.05	11.68	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	24.80	22.34	20.72	22.62	9.09	ppb
Boron	11-1	27.96	23.80	22.03	24.60	12.36	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.05	1.05	1.05	0.44	ppb
Cadmium	106-1	-1.36	-0.18	0.01	-0.51		ppb
Cadmium	108-1	0.94	0.86	0.77	0.86	10.19	ppb
Calcium	43-1	500.40	469.38	434.17	467.98	7.08	ppb
Calcium	44-1	510.35	469.65	441.04	473.68	7.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.72	1.88	1.79	1.80	4.45	ppb
Cobalt	59-2	0.97	1.00	0.95	0.97	2.50	ppb
Copper	63-2	2.06	2.06	2.08	2.07	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	54-2	51.68	53.68	49.97	51.78	3.59	ppb
Iron	56-2	51.33	53.43	52.45	52.40	2.01	ppb
Iron	57-2	50.30	53.72	50.85	51.62	3.55	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:45:06	DataFile Name :	215LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.15	0.99	1.00	1.05	8.55	ppb
Lead	207-1	1.20	0.93	0.98	1.04	13.53	ppb
Lead	208-1	1.15	0.97	0.98	1.04	9.74	ppb
Lithium	6-1				90		%
Magnesium	24-2	489.29	506.17	496.27	497.24	1.71	ppb
Manganese	55-2	0.96	1.01	1.06	1.01	4.84	ppb
Molybdenum	94-1	6.32	5.65	5.45	5.81	7.89	ppb
Molybdenum	95-1	5.44	4.80	4.69	4.98	8.11	ppb
Molybdenum	96-1	5.55	4.87	4.71	5.04	8.83	ppb
Molybdenum	97-1	5.22	4.75	4.68	4.89	6.04	ppb
Molybdenum	98-1	5.21	4.72	4.78	4.90	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.96	0.95	0.94	3.07	ppb
Phosphorus	31-2	-15.56	-14.80	-18.31	-16.22		ppb
Potassium	39-2	464.29	468.72	463.28	465.43	0.62	ppb
Rhodium	103-1				95		%
Rhodium	103-2				102		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	5.42	4.22	4.54	4.73	13.13	ppb
Selenium	77-2	6.78	5.77	2.55	5.03	43.93	ppb
Selenium	78-2	5.24	4.63	3.71	4.53	17.05	ppb
Silicon	28-1	2.10	0.83	0.44	1.12	77.62	ppb
Silver	107-1	1.06	1.05	1.06	1.06	0.42	ppb
Silver	109-1	1.11	1.10	1.01	1.07	4.91	ppb
Sodium	23-2	480.62	480.71	488.74	483.36	0.96	ppb
Strontium	86-1	1.44	0.71	0.69	0.95	45.31	ppb
Strontium	88-1	1.07	0.94	0.98	1.00	6.49	ppb
Sulfur	34-1	274.33	-185.56	-512.05	-141.09		ppb
Terbium	159-1				94		%
Terbium	159-2				105		%
Thallium	203-1	1.10	0.99	0.89	0.99	10.31	ppb
Thallium	205-1	1.04	0.91	0.95	0.97	6.72	ppb
Tin	118-1	5.37	4.89	4.88	5.05	5.51	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:45:06	DataFile Name :	215LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.26	4.71	4.43	4.80	8.90	ppb
Uranium	238-1	0.99	0.85	0.83	0.89	9.63	ppb
Vanadium	51-2	4.76	4.71	4.68	4.71	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				102		%
Zinc	66-2	2.24	2.29	2.46	2.33	4.89	ppb
Zirconium	90-1	1.04	0.94	0.91	0.96	7.22	ppb
Zirconium	91-1	1.05	0.96	0.88	0.97	9.18	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:48:06	DataFile Name :	216CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.45	-1.13	-1.54	-1.37		ppb
Antimony	121-1	0.04	0.04	0.06	0.05	17.03	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.05	0.05	0.06	0.05	14.81	ppb
Barium	137-1	0.05	0.06	0.06	0.05	12.48	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	10.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	7.07	7.45	7.43	7.32	2.97	ppb
Boron	11-1	7.33	7.74	8.06	7.71	4.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	0.00	-0.02		ppb
Cadmium	106-1	-1.92	-3.01	-1.35	-2.09		ppb
Cadmium	108-1	-0.22	-0.25	-0.17	-0.21		ppb
Calcium	43-1	3.66	3.94	4.28	3.96	7.76	ppb
Calcium	44-1	3.82	3.69	3.98	3.83	3.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.06	-0.08	-0.08		ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	96.72	ppb
Copper	63-2	0.17	0.18	0.16	0.17	7.44	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				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	2.73	1.62	2.67	2.34	26.80	ppb
Iron	56-2	2.46	2.54	2.46	2.49	1.93	ppb
Iron	57-2	3.11	1.73	2.66	2.50	27.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:48:06	DataFile Name :	216CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.12	0.12	5.68	ppb
Lead	207-1	0.11	0.12	0.10	0.11	9.09	ppb
Lead	208-1	0.10	0.12	0.11	0.11	10.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	5.56	5.30	5.13	5.33	4.07	ppb
Manganese	55-2	0.12	0.09	0.11	0.11	16.45	ppb
Molybdenum	94-1	0.12	0.14	0.08	0.11	28.72	ppb
Molybdenum	95-1	0.15	0.13	0.09	0.12	25.72	ppb
Molybdenum	96-1	0.12	0.09	0.10	0.10	16.43	ppb
Molybdenum	97-1	0.15	0.11	0.11	0.12	19.08	ppb
Molybdenum	98-1	0.12	0.12	0.10	0.11	12.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-35.86	-27.39	-33.18	-32.14		ppb
Potassium	39-2	6.67	7.40	2.56	5.54	47.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.55	0.80	0.70	0.68	17.85	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.73	-0.23	-0.33	-0.43		ppb
Silicon	28-1	-2.12	-2.09	-2.05	-2.09		ppb
Silver	107-1	0.04	0.04	0.04	0.04	5.56	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.55	ppb
Sodium	23-2	7.23	5.72	5.05	6.00	18.54	ppb
Strontium	86-1	-0.16	-0.14	-0.28	-0.19		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	9.61	ppb
Sulfur	34-1	-487.50	-307.44	-392.67	-395.87		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.03	0.03	24.22	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	14.08	ppb
Tin	118-1	0.00	-0.02	0.02	0.00		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:48:06	DataFile Name :	216CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.01	0.15	0.08	90.42	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	40.07	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	22.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.04	0.12	0.05	0.07	65.52	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	61.77	ppb
Zirconium	91-1	0.03	0.01	0.01	0.02	76.26	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:51:10	DataFile Name :	217LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.49	16.88	16.68	16.68	1.16	ppb
Antimony	121-1	2.03	1.95	1.95	1.98	2.41	ppb
Arsenic	75-2	0.91	1.01	0.94	0.96	5.53	ppb
Barium	135-1	9.54	9.60	9.47	9.54	0.67	ppb
Barium	137-1	9.43	8.96	9.67	9.35	3.90	ppb
Beryllium	9-1	0.96	0.93	1.07	0.98	7.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	19.25	19.14	21.21	19.87	5.85	ppb
Boron	11-1	19.30	19.47	22.57	20.45	9.01	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	0.95	0.97	0.99	4.46	ppb
Cadmium	106-1	0.17	-0.60	-2.01	-0.81		ppb
Cadmium	108-1	0.69	0.60	0.78	0.69	13.16	ppb
Calcium	43-1	450.22	453.13	446.37	449.91	0.75	ppb
Calcium	44-1	446.83	459.66	456.69	454.39	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.79	1.84	1.82	1.39	ppb
Cobalt	59-2	0.90	0.96	0.98	0.95	4.26	ppb
Copper	63-2	2.10	1.98	2.03	2.04	2.75	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	51.66	50.60	50.87	51.04	1.08	ppb
Iron	56-2	50.56	49.72	50.00	50.09	0.86	ppb
Iron	57-2	53.06	49.50	49.45	50.67	4.08	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:51:10	DataFile Name :	217LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.90	0.95	0.94	3.01	ppb
Lead	207-1	0.95	0.94	0.94	0.94	0.94	ppb
Lead	208-1	0.96	0.95	0.94	0.95	1.09	ppb
Lithium	6-1				93		%
Magnesium	24-2	500.85	497.60	519.38	505.94	2.32	ppb
Manganese	55-2	0.92	0.99	1.04	0.98	6.10	ppb
Molybdenum	94-1	5.65	5.54	5.68	5.62	1.24	ppb
Molybdenum	95-1	4.71	4.74	4.75	4.73	0.43	ppb
Molybdenum	96-1	4.57	4.61	4.64	4.61	0.78	ppb
Molybdenum	97-1	4.56	4.57	4.63	4.59	0.86	ppb
Molybdenum	98-1	4.63	4.62	4.63	4.63	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.98	0.98	0.98	0.33	ppb
Phosphorus	31-2	-14.06	-9.95	-2.73	-8.91		ppb
Potassium	39-2	456.53	469.52	456.86	460.97	1.61	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	4.55	5.64	5.28	5.16	10.74	ppb
Selenium	77-2	4.61	3.48	3.57	3.88	16.15	ppb
Selenium	78-2	4.60	4.11	5.18	4.63	11.58	ppb
Silicon	28-1	0.55	0.77	0.29	0.54	45.55	ppb
Silver	107-1	1.04	1.04	1.02	1.03	1.07	ppb
Silver	109-1	1.03	0.95	1.10	1.03	7.17	ppb
Sodium	23-2	463.09	467.78	473.85	468.24	1.15	ppb
Strontium	86-1	0.73	0.67	0.75	0.72	5.82	ppb
Strontium	88-1	0.89	0.92	0.87	0.90	2.81	ppb
Sulfur	34-1	-325.40	-168.03	-400.66	-298.03		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.89	0.87	0.91	0.89	2.30	ppb
Thallium	205-1	0.89	0.92	0.89	0.90	1.52	ppb
Tin	118-1	4.99	4.84	5.12	4.99	2.80	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:51:10	DataFile Name :	217LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.66	4.54	4.55	4.58	1.46	ppb
Uranium	238-1	0.83	0.84	0.85	0.84	1.40	ppb
Vanadium	51-2	4.62	4.61	4.57	4.60	0.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.53	2.40	2.06	2.33	10.33	ppb
Zirconium	90-1	0.89	0.91	0.89	0.90	1.06	ppb
Zirconium	91-1	0.90	0.84	0.80	0.85	5.84	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BL	Instrumnet Name :	P8
Client Sample ID :	PB143906BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:58:38	DataFile Name :	218CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.42	-2.58	-2.59	-2.53		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	160.19	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.00	0.01	0.01	0.01	67.38	ppb
Barium	137-1	0.00	0.00	0.01	0.00	866.04	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	49.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	3.78	3.91	3.90	3.86	1.88	ppb
Boron	11-1	3.96	4.15	3.88	4.00	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.03	-0.05	-0.04		ppb
Cadmium	106-1	-1.47	-1.69	-2.12	-1.76		ppb
Cadmium	108-1	-0.23	-0.09	-0.10	-0.14		ppb
Calcium	43-1	-0.41	-0.77	-0.68	-0.62		ppb
Calcium	44-1	-1.90	-1.60	-1.52	-1.67		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.06	-0.07	-0.07		ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.05	0.03	0.05	0.04	33.21	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				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	-0.38	-0.48	-0.59	-0.48		ppb
Iron	56-2	-0.24	-0.24	-0.08	-0.18		ppb
Iron	57-2	0.35	0.92	-0.20	0.36	158.65	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BL	Instrumnet Name :	P8
Client Sample ID :	PB143906BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:58:38	DataFile Name :	218CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.07	0.06	23.11	ppb
Lead	207-1	0.03	0.02	0.03	0.02	13.33	ppb
Lead	208-1	0.03	0.05	0.05	0.04	18.17	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.00	-0.14	0.40	0.09	322.64	ppb
Manganese	55-2	-0.01	0.01	0.01	0.00	328.93	ppb
Molybdenum	94-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-30.17	-30.34	-31.73	-30.75		ppb
Potassium	39-2	5.20	3.42	2.83	3.82	32.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.47	0.37	0.16	0.33	48.28	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-0.83	-0.19	-0.43		ppb
Silicon	28-1	-1.58	-1.60	-1.74	-1.64		ppb
Silver	107-1	0.01	0.01	0.02	0.01	40.77	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.54	ppb
Sodium	23-2	0.68	1.03	-0.66	0.35	252.69	ppb
Strontium	86-1	-0.15	-0.07	-0.20	-0.14		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1633.45	ppb
Sulfur	34-1	-529.15	-363.31	-364.52	-418.99		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.01	-0.03	-0.01		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BL	Instrumnet Name :	P8
Client Sample ID :	PB143906BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:58:38	DataFile Name :	218CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.02	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	-0.03	0.00	0.06	0.01	430.02	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	140.29	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	1415.93	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BS	Instrumnet Name :	P8
Client Sample ID :	PB143906BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:01:39	DataFile Name :	219LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9565.97	9451.24	9587.22	9534.81	0.77	ppb
Antimony	121-1	500.24	502.18	487.83	496.75	1.57	ppb
Arsenic	75-2	463.08	481.79	472.69	472.52	1.98	ppb
Barium	135-1	2471.24	2562.15	2487.97	2507.12	1.93	ppb
Barium	137-1	2318.66	2439.21	2468.57	2408.82	3.30	ppb
Beryllium	9-1	488.57	479.23	456.31	474.70	3.50	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	471.52	442.81	492.25	468.86	5.30	ppb
Boron	11-1	438.83	426.60	490.12	451.85	7.46	ppb
Bromine	81-1						cps
Cadmium	111-1	473.43	489.82	492.99	485.41	2.16	ppb
Cadmium	106-1	476.37	471.63	494.43	480.81	2.50	ppb
Cadmium	108-1	470.24	493.35	474.56	479.38	2.56	ppb
Calcium	43-1	46238.90	47927.34	47681.20	47282.48	1.93	ppb
Calcium	44-1	44882.04	48625.45	46734.93	46747.47	4.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	472.22	464.70	471.24	469.39	0.87	ppb
Cobalt	59-2	478.13	461.29	465.30	468.24	1.88	ppb
Copper	63-2	4656.73	4853.36	4758.69	4756.26	2.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	25938.45	25081.16	26451.82	25823.81	2.68	ppb
Iron	56-2	24759.65	24691.43	24776.67	24742.58	0.18	ppb
Iron	57-2	25444.02	25267.72	25411.46	25374.40	0.37	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BS	Instrumnet Name :	P8
Client Sample ID :	PB143906BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:01:39	DataFile Name :	219LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2251.68	2319.38	2296.98	2289.35	1.51	ppb
Lead	207-1	2259.21	2369.20	2318.89	2315.77	2.38	ppb
Lead	208-1	2272.85	2330.51	2323.07	2308.81	1.36	ppb
Lithium	6-1				98		%
Magnesium	24-2	51676.07	50796.38	50259.68	50910.71	1.40	ppb
Manganese	55-2	4652.84	4463.92	4691.38	4602.71	2.64	ppb
Molybdenum	94-1	4547.12	4739.40	4530.12	4605.55	2.52	ppb
Molybdenum	95-1	4519.75	4819.51	4586.52	4641.93	3.39	ppb
Molybdenum	96-1	4627.99	4801.03	4552.41	4660.48	2.73	ppb
Molybdenum	97-1	4678.03	4783.82	4475.13	4645.66	3.38	ppb
Molybdenum	98-1	4580.73	4721.20	4555.26	4619.06	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	449.39	452.18	452.73	451.44	0.40	ppb
Phosphorus	31-2	9104.20	9172.67	9221.16	9166.01	0.64	ppb
Potassium	39-2	23751.07	23565.75	23148.34	23488.39	1.31	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	460.35	478.79	461.85	467.00	2.19	ppb
Selenium	77-2	459.41	466.93	472.68	466.34	1.43	ppb
Selenium	78-2	458.50	470.68	468.24	465.81	1.38	ppb
Silicon	28-1	467.03	498.52	485.41	483.65	3.27	ppb
Silver	107-1	478.79	502.20	508.74	496.58	3.17	ppb
Silver	109-1	469.85	499.92	484.83	484.87	3.10	ppb
Sodium	23-2	50547.15	50055.86	48147.61	49583.54	2.56	ppb
Strontium	86-1	478.75	486.04	479.50	481.43	0.83	ppb
Strontium	88-1	462.92	474.68	468.70	468.77	1.25	ppb
Sulfur	34-1	8714.52	9477.52	8929.97	9040.67	4.35	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	451.46	463.62	458.50	457.86	1.33	ppb
Thallium	205-1	463.82	447.46	441.71	451.00	2.54	ppb
Tin	118-1	485.56	488.28	494.27	489.37	0.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BS	Instrumnet Name :	P8
Client Sample ID :	PB143906BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:01:39	DataFile Name :	219LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4602.15	4759.42	4538.78	4633.45	2.45	ppb
Uranium	238-1	452.74	459.55	445.23	452.51	1.58	ppb
Vanadium	51-2	459.57	456.58	459.47	458.54	0.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	4732.96	4811.25	4920.51	4821.57	1.95	ppb
Zirconium	90-1	459.32	472.20	479.09	470.20	2.13	ppb
Zirconium	91-1	468.49	484.72	472.56	475.26	1.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS1DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:05:41	DataFile Name :	220AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8076.83	8078.37	8052.96	8069.39	0.18	ppb
Antimony	121-1	0.13	0.12	0.20	0.15	29.67	ppb
Arsenic	75-2	1.47	1.47	1.40	1.45	3.01	ppb
Barium	135-1	187.04	177.23	182.86	182.38	2.70	ppb
Barium	137-1	186.13	180.93	186.62	184.56	1.71	ppb
Beryllium	9-1	0.68	0.70	0.64	0.67	4.85	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	21.62	22.35	19.80	21.26	6.16	ppb
Boron	11-1	23.04	23.72	20.64	22.47	7.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.68	0.75	0.75	0.72	5.63	ppb
Cadmium	106-1	-1.11	-0.54	-0.84	-0.83		ppb
Cadmium	108-1	0.84	0.53	0.71	0.69	22.61	ppb
Calcium	43-1	52774.84	53636.62	54142.33	53517.93	1.29	ppb
Calcium	44-1	54318.63	54707.38	54719.42	54581.81	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.09	11.28	11.09	11.15	0.96	ppb
Cobalt	59-2	10.32	10.43	10.20	10.32	1.14	ppb
Copper	63-2	29.19	29.43	28.36	28.99	1.94	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				111		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	1968.84	2104.79	1989.75	2021.13	3.62	ppb
Iron	56-2	2023.95	1970.70	2028.43	2007.69	1.60	ppb
Iron	57-2	2032.67	2071.41	2110.58	2071.55	1.88	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS1DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:05:41	DataFile Name :	220AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	754.41	735.39	773.87	754.56	2.55	ppb
Lead	207-1	711.32	700.93	725.26	712.50	1.71	ppb
Lead	208-1	727.40	706.80	744.32	726.17	2.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	11201.48	11655.22	11334.00	11396.90	2.05	ppb
Manganese	55-2	395.01	391.09	394.34	393.48	0.53	ppb
Molybdenum	94-1	1.61	1.60	2.05	1.75	14.62	ppb
Molybdenum	95-1	0.27	0.25	0.22	0.24	9.36	ppb
Molybdenum	96-1	0.46	0.44	0.37	0.42	11.12	ppb
Molybdenum	97-1	0.25	0.24	0.25	0.25	1.81	ppb
Molybdenum	98-1	0.24	0.21	0.24	0.23	6.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.22	21.89	21.88	22.00	0.88	ppb
Phosphorus	31-2	18.56	20.42	20.62	19.87	5.72	ppb
Potassium	39-2	918.09	967.95	928.60	938.22	2.80	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				105		%
Selenium	82-1	0.56	1.29	1.61	1.15	46.81	ppb
Selenium	77-2	10.48	8.45	7.38	8.77	17.97	ppb
Selenium	78-2	0.80	0.69	1.60	1.03	48.34	ppb
Silicon	28-1	79.95	63.97	60.26	68.06	15.38	ppb
Silver	107-1	0.12	0.11	0.12	0.11	6.14	ppb
Silver	109-1	0.10	0.11	0.12	0.11	5.57	ppb
Sodium	23-2	268.03	267.47	261.63	265.71	1.33	ppb
Strontium	86-1	96.27	95.67	98.57	96.84	1.58	ppb
Strontium	88-1	98.91	95.63	98.78	97.77	1.90	ppb
Sulfur	34-1	-838.69	-769.39	-688.67	-765.58		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.24	0.22	0.24	0.23	4.32	ppb
Thallium	205-1	0.24	0.23	0.27	0.25	8.63	ppb
Tin	118-1	0.98	0.90	0.92	0.93	4.17	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS1DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:05:41	DataFile Name :	220AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	20.19	20.01	21.05	20.42	2.74	ppb
Uranium	238-1	0.51	0.52	0.56	0.53	4.88	ppb
Vanadium	51-2	2.92	2.90	2.88	2.90	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	301.28	301.68	301.33	301.43	0.07	ppb
Zirconium	90-1	0.76	0.73	0.82	0.77	5.39	ppb
Zirconium	91-1	0.74	0.71	0.92	0.79	13.88	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS5DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:08:35	DataFile Name :	221AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13165.52	12750.53	12641.13	12852.39	2.15	ppb
Antimony	121-1	0.06	0.05	0.07	0.06	16.77	ppb
Arsenic	75-2	4.13	4.27	4.27	4.22	1.97	ppb
Barium	135-1	82.91	81.80	81.62	82.11	0.85	ppb
Barium	137-1	83.71	81.32	82.19	82.41	1.46	ppb
Beryllium	9-1	1.12	1.05	1.06	1.08	3.46	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	11.59	11.15	10.41	11.05	5.38	ppb
Boron	11-1	12.42	10.93	11.03	11.46	7.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.11	0.08	0.09	22.31	ppb
Cadmium	106-1	0.12	0.18	0.19	0.16	22.57	ppb
Cadmium	108-1	0.41	0.03	0.37	0.27	76.72	ppb
Calcium	43-1	614.42	632.48	601.50	616.13	2.53	ppb
Calcium	44-1	614.74	643.81	611.96	623.50	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.82	18.04	18.30	18.39	2.15	ppb
Cobalt	59-2	10.61	10.46	10.14	10.40	2.30	ppb
Copper	63-2	28.21	27.61	26.59	27.47	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	12170.59	11418.42	11512.49	11700.50	3.50	ppb
Iron	56-2	12373.93	11771.97	11500.33	11882.08	3.76	ppb
Iron	57-2	11786.61	11732.67	11033.72	11517.67	3.65	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS5DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:08:35	DataFile Name :	221AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	12.20	11.50	12.48	12.06	4.17	ppb
Lead	207-1	11.46	11.07	11.46	11.33	2.01	ppb
Lead	208-1	11.92	11.24	11.62	11.60	2.94	ppb
Lithium	6-1				104		%
Magnesium	24-2	5131.21	4977.59	4944.87	5017.89	1.98	ppb
Manganese	55-2	238.42	229.19	228.11	231.91	2.44	ppb
Molybdenum	94-1	15.92	7.36	7.46	10.25	47.95	ppb
Molybdenum	95-1	0.43	0.40	0.40	0.41	3.59	ppb
Molybdenum	96-1	1.38	1.41	1.43	1.41	1.75	ppb
Molybdenum	97-1	0.39	0.38	0.37	0.38	1.69	ppb
Molybdenum	98-1	0.39	0.41	0.36	0.39	6.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.57	25.51	25.81	25.96	2.10	ppb
Phosphorus	31-2	190.98	197.84	186.34	191.72	3.02	ppb
Potassium	39-2	749.58	730.82	727.73	736.04	1.61	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	1.31	1.19	0.33	0.95	56.78	ppb
Selenium	77-2	15.93	13.13	11.85	13.63	15.31	ppb
Selenium	78-2	1.45	0.60	2.43	1.49	61.11	ppb
Silicon	28-1	133.13	133.46	203.18	156.59	25.77	ppb
Silver	107-1	0.03	0.04	0.04	0.04	6.84	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.15	ppb
Sodium	23-2	110.50	109.64	110.80	110.31	0.55	ppb
Strontium	86-1	5.67	5.70	5.35	5.57	3.42	ppb
Strontium	88-1	6.20	6.09	5.91	6.07	2.43	ppb
Sulfur	34-1	-917.19	-857.49	-1022.72	-932.47		ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.09	0.07	0.07	16.15	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	8.42	ppb
Tin	118-1	1.77	1.75	1.87	1.80	3.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS5DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:08:35	DataFile Name :	221AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	160.02	166.78	165.49	164.10	2.19	ppb
Uranium	238-1	0.77	0.73	0.71	0.73	4.12	ppb
Vanadium	51-2	19.00	18.37	17.89	18.42	3.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	204.96	198.26	200.24	201.15	1.71	ppb
Zirconium	90-1	3.55	4.38	3.35	3.76	14.48	ppb
Zirconium	91-1	4.90	4.95	4.33	4.73	7.23	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:11:35	DataFile Name :	222AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18421.21	17872.08	17722.00	18005.10	2.04	ppb
Antimony	121-1	0.09	0.08	0.11	0.10	14.61	ppb
Arsenic	75-2	6.49	6.72	6.38	6.53	2.67	ppb
Barium	135-1	105.18	105.29	101.49	103.98	2.08	ppb
Barium	137-1	107.92	105.22	103.46	105.53	2.13	ppb
Beryllium	9-1	0.95	0.95	1.03	0.98	4.77	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	9.73	9.51	9.79	9.67	1.52	ppb
Boron	11-1	9.35	10.01	11.65	10.34	11.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.51	0.16	0.27	76.75	ppb
Cadmium	106-1	-2.00	13.22	-1.91	3.10	282.58	ppb
Cadmium	108-1	0.63	0.97	0.50	0.70	34.69	ppb
Calcium	43-1	1705.57	1668.50	1703.56	1692.54	1.23	ppb
Calcium	44-1	1773.73	1691.23	1782.77	1749.24	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.39	11.74	12.12	12.08	2.70	ppb
Cobalt	59-2	18.18	18.16	17.32	17.89	2.74	ppb
Copper	63-2	27.48	27.01	26.66	27.05	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				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	18185.19	18482.64	18191.21	18286.35	0.93	ppb
Iron	56-2	18236.61	18072.19	17788.85	18032.55	1.26	ppb
Iron	57-2	18178.95	17550.52	17414.94	17714.80	2.30	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:11:35	DataFile Name :	222AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.28	11.22	10.48	10.99	4.09	ppb
Lead	207-1	10.63	10.83	10.04	10.50	3.91	ppb
Lead	208-1	10.78	11.12	10.40	10.77	3.35	ppb
Lithium	6-1				101		%
Magnesium	24-2	6266.35	6394.81	6261.87	6307.68	1.20	ppb
Manganese	55-2	1171.16	1165.37	1156.59	1164.37	0.63	ppb
Molybdenum	94-1	12.27	13.27	12.19	12.58	4.81	ppb
Molybdenum	95-1	0.43	0.40	0.40	0.41	4.38	ppb
Molybdenum	96-1	2.56	2.25	2.17	2.33	8.77	ppb
Molybdenum	97-1	0.32	0.37	0.39	0.36	10.76	ppb
Molybdenum	98-1	0.35	0.33	0.33	0.33	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.94	33.75	34.79	34.83	3.14	ppb
Phosphorus	31-2	380.42	418.14	410.25	402.94	4.94	ppb
Potassium	39-2	2226.61	2155.66	2171.27	2184.52	1.71	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	1.14	1.18	1.32	1.22	7.91	ppb
Selenium	77-2	19.56	23.67	24.05	22.43	11.10	ppb
Selenium	78-2	3.08	3.13	3.41	3.21	5.45	ppb
Silicon	28-1	521.58	619.04	530.10	556.91	9.69	ppb
Silver	107-1	0.03	0.04	0.03	0.04	16.76	ppb
Silver	109-1	0.02	0.02	0.03	0.03	20.21	ppb
Sodium	23-2	96.43	104.87	114.31	105.20	8.50	ppb
Strontium	86-1	10.57	11.03	10.60	10.74	2.41	ppb
Strontium	88-1	11.54	11.49	11.54	11.52	0.22	ppb
Sulfur	34-1	-1380.18	-1512.45	-1382.22	-1424.95		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.10	0.11	0.10	5.12	ppb
Thallium	205-1	0.13	0.11	0.10	0.12	10.69	ppb
Tin	118-1	1.85	1.87	1.83	1.85	1.21	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:11:35	DataFile Name :	222AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	133.04	137.54	110.31	126.96	11.50	ppb
Uranium	238-1	0.67	0.72	0.67	0.69	3.89	ppb
Vanadium	51-2	10.73	10.44	10.22	10.46	2.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	102.05	99.29	98.55	99.96	1.84	ppb
Zirconium	90-1	7.52	7.55	6.80	7.29	5.77	ppb
Zirconium	91-1	9.43	7.15	7.70	8.09	14.68	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:14:30	DataFile Name :	223AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17613.44	16189.93	17084.65	16962.67	4.24	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	7.90	ppb
Arsenic	75-2	6.49	6.52	6.83	6.61	2.88	ppb
Barium	135-1	108.35	108.32	104.68	107.12	1.97	ppb
Barium	137-1	103.70	106.76	104.85	105.10	1.47	ppb
Beryllium	9-1	0.96	0.96	0.95	0.96	0.96	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	8.37	7.59	7.67	7.88	5.40	ppb
Boron	11-1	8.45	8.09	7.91	8.15	3.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.22	0.19	0.18	23.27	ppb
Cadmium	106-1	-1.11	0.72	-0.92	-0.44		ppb
Cadmium	108-1	0.47	0.66	0.54	0.56	17.60	ppb
Calcium	43-1	1635.03	1780.14	1719.70	1711.63	4.26	ppb
Calcium	44-1	1683.32	1805.19	1746.67	1745.06	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.85	11.93	11.91	11.90	0.33	ppb
Cobalt	59-2	18.66	18.47	18.04	18.39	1.71	ppb
Copper	63-2	26.68	25.68	25.97	26.11	1.98	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				108		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	18815.99	17905.61	18476.80	18399.46	2.50	ppb
Iron	56-2	19048.92	18235.81	17960.42	18415.05	3.07	ppb
Iron	57-2	18019.59	17247.06	17613.37	17626.67	2.19	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:14:30	DataFile Name :	223AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	10.54	12.43	11.61	11.53	8.20	ppb
Lead	207-1	10.66	10.26	10.65	10.52	2.19	ppb
Lead	208-1	10.59	11.12	10.95	10.88	2.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	6331.32	6277.81	6207.24	6272.13	0.99	ppb
Manganese	55-2	1199.45	1136.04	1152.43	1162.64	2.83	ppb
Molybdenum	94-1	12.26	12.55	12.94	12.58	2.70	ppb
Molybdenum	95-1	0.37	0.39	0.41	0.39	4.77	ppb
Molybdenum	96-1	3.45	2.01	2.53	2.67	27.35	ppb
Molybdenum	97-1	0.36	0.38	0.31	0.35	10.00	ppb
Molybdenum	98-1	0.31	0.39	0.36	0.35	10.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.98	35.04	34.97	35.66	3.20	ppb
Phosphorus	31-2	391.88	395.03	451.13	412.68	8.08	ppb
Potassium	39-2	2309.97	2173.24	2126.04	2203.08	4.34	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	82-1	1.44	0.84	0.96	1.08	29.50	ppb
Selenium	77-2	19.22	21.87	18.34	19.81	9.28	ppb
Selenium	78-2	2.49	2.82	3.48	2.93	17.12	ppb
Silicon	28-1	374.46	444.73	493.53	437.57	13.68	ppb
Silver	107-1	0.02	0.03	0.04	0.03	21.31	ppb
Silver	109-1	0.03	0.03	0.02	0.03	7.40	ppb
Sodium	23-2	95.10	91.18	104.50	96.93	7.06	ppb
Strontium	86-1	10.34	10.62	10.78	10.58	2.10	ppb
Strontium	88-1	11.24	12.06	11.54	11.61	3.60	ppb
Sulfur	34-1	-1573.64	-1303.57	-1411.13	-1429.45		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.09	0.09	0.10	0.09	6.89	ppb
Thallium	205-1	0.10	0.08	0.09	0.09	8.25	ppb
Tin	118-1	1.95	2.03	1.90	1.96	3.34	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:14:30	DataFile Name :	223AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	154.12	127.98	150.31	144.14	9.80	ppb
Uranium	238-1	0.68	0.66	0.70	0.68	3.11	ppb
Vanadium	51-2	10.91	10.80	10.02	10.57	4.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	103.61	97.39	97.61	99.54	3.54	ppb
Zirconium	90-1	6.19	6.91	6.86	6.65	6.04	ppb
Zirconium	91-1	6.61	6.84	7.38	6.94	5.67	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	A03140LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-11 01:17:27	DataFile Name :	224AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3229.85	3304.91	3275.54	3270.10	1.16	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	18.83	ppb
Arsenic	75-2	1.46	1.31	1.27	1.35	7.58	ppb
Barium	135-1	20.76	20.77	20.99	20.84	0.62	ppb
Barium	137-1	21.27	21.02	20.40	20.90	2.13	ppb
Beryllium	9-1	0.18	0.18	0.18	0.18	1.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	4.36	4.54	4.60	4.50	2.74	ppb
Boron	11-1	4.38	4.55	4.47	4.47	1.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	0.01	-0.02	-0.02		ppb
Cadmium	106-1	-1.29	-1.95	-2.49	-1.91		ppb
Cadmium	108-1	1.02	-0.09	0.05	0.33	183.03	ppb
Calcium	43-1	324.02	331.34	335.38	330.25	1.74	ppb
Calcium	44-1	328.73	326.82	345.35	333.63	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.22	2.22	2.36	2.27	3.53	ppb
Cobalt	59-2	3.42	3.55	3.59	3.52	2.52	ppb
Copper	63-2	5.47	5.55	5.41	5.48	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				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	3543.58	3557.74	3503.96	3535.10	0.79	ppb
Iron	56-2	3739.68	3737.07	3670.12	3715.62	1.06	ppb
Iron	57-2	3606.17	3768.01	3579.13	3651.10	2.80	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	A03140LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-11 01:17:27	DataFile Name :	224AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.31	2.15	2.37	2.27	5.04	ppb
Lead	207-1	2.20	2.04	2.17	2.14	4.03	ppb
Lead	208-1	2.20	2.10	2.21	2.17	2.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	1175.19	1216.08	1199.27	1196.84	1.72	ppb
Manganese	55-2	221.25	224.71	219.48	221.82	1.20	ppb
Molybdenum	94-1	2.56	2.51	2.50	2.52	1.40	ppb
Molybdenum	95-1	0.09	0.06	0.09	0.08	22.48	ppb
Molybdenum	96-1	0.46	0.38	0.45	0.43	10.44	ppb
Molybdenum	97-1	0.07	0.08	0.07	0.07	8.64	ppb
Molybdenum	98-1	0.08	0.06	0.06	0.07	17.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.73	6.91	6.91	6.85	1.57	ppb
Phosphorus	31-2	36.34	67.73	56.37	53.48	29.72	ppb
Potassium	39-2	429.36	459.52	442.97	443.95	3.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	0.40	1.71	0.97	1.02	64.11	ppb
Selenium	77-2	4.36	2.53	5.60	4.16	37.13	ppb
Selenium	78-2	0.06	-0.20	0.01	-0.04		ppb
Silicon	28-1	100.11	85.32	98.27	94.57	8.52	ppb
Silver	107-1	0.01	0.01	0.02	0.01	30.06	ppb
Silver	109-1	0.02	0.01	0.01	0.01	42.67	ppb
Sodium	23-2	17.73	19.28	18.17	18.40	4.34	ppb
Strontium	86-1	2.05	1.75	1.78	1.86	8.99	ppb
Strontium	88-1	2.32	2.73	2.28	2.45	10.17	ppb
Sulfur	34-1	-1571.02	-1698.26	-1526.97	-1598.75		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	21.37	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.77	ppb
Tin	118-1	0.35	0.35	0.34	0.35	0.90	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	A03140LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-11 01:17:27	DataFile Name :	224AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.82	21.51	19.76	18.36	21.96	ppb
Uranium	238-1	0.14	0.13	0.14	0.14	2.16	ppb
Vanadium	51-2	2.08	2.10	2.12	2.10	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	19.21	20.08	18.50	19.26	4.10	ppb
Zirconium	90-1	2.30	2.56	1.79	2.22	17.74	ppb
Zirconium	91-1	1.30	2.44	1.45	1.73	35.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:22:42	DataFile Name :	225AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24752.60	25351.75	24903.68	25002.68	1.25	ppb
Antimony	121-1	32.82	33.62	34.12	33.52	1.96	ppb
Arsenic	75-2	121.55	126.88	128.26	125.56	2.82	ppb
Barium	135-1	607.58	623.47	634.94	622.00	2.21	ppb
Barium	137-1	620.25	613.40	626.42	620.02	1.05	ppb
Beryllium	9-1	100.06	104.34	102.97	102.46	2.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	56.50	57.45	62.90	58.95	5.86	ppb
Boron	11-1	56.78	62.20	65.72	61.57	7.31	ppb
Bromine	81-1						cps
Cadmium	111-1	106.52	109.06	109.23	108.27	1.40	ppb
Cadmium	106-1	99.57	101.11	107.91	102.86	4.31	ppb
Cadmium	108-1	98.39	98.60	108.45	101.81	5.64	ppb
Calcium	43-1	11538.82	11700.51	11540.20	11593.18	0.80	ppb
Calcium	44-1	11618.23	11575.80	11225.43	11473.15	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.30	118.95	119.03	118.76	0.33	ppb
Cobalt	59-2	123.81	122.13	119.41	121.78	1.82	ppb
Copper	63-2	1157.21	1167.73	1158.67	1161.20	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	50064.22	51118.06	50301.41	50494.56	1.09	ppb
Iron	56-2	51795.99	50710.72	50366.34	50957.69	1.46	ppb
Iron	57-2	50482.37	50819.66	51533.94	50945.32	1.05	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:22:42	DataFile Name :	225AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	538.84	547.43	503.39	529.89	4.41	ppb
Lead	207-1	531.07	535.99	508.37	525.14	2.80	ppb
Lead	208-1	518.88	525.35	502.57	515.60	2.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	17147.28	17210.52	17311.96	17223.26	0.48	ppb
Manganese	55-2	3188.14	3205.07	3132.14	3175.12	1.20	ppb
Molybdenum	94-1	585.94	593.88	545.16	574.99	4.55	ppb
Molybdenum	95-1	484.38	474.97	451.32	470.22	3.62	ppb
Molybdenum	96-1	476.76	487.27	474.28	479.44	1.44	ppb
Molybdenum	97-1	474.75	480.86	472.07	475.89	0.95	ppb
Molybdenum	98-1	464.07	470.12	460.17	464.78	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.76	139.39	137.85	138.67	0.56	ppb
Phosphorus	31-2	1083.49	1116.55	1108.50	1102.85	1.56	ppb
Potassium	39-2	7042.73	6981.25	6981.12	7001.70	0.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	95.04	96.83	92.88	94.92	2.09	ppb
Selenium	77-2	110.81	129.56	113.45	117.94	8.61	ppb
Selenium	78-2	96.42	99.99	102.56	99.66	3.09	ppb
Silicon	28-1	87.07	85.55	83.34	85.32	2.20	ppb
Silver	107-1	100.42	97.53	103.42	100.46	2.93	ppb
Silver	109-1	92.99	97.35	105.31	98.55	6.34	ppb
Sodium	23-2	10250.67	9910.32	10285.39	10148.79	2.04	ppb
Strontium	86-1	111.00	107.64	108.71	109.12	1.57	ppb
Strontium	88-1	106.41	107.34	106.79	106.85	0.44	ppb
Sulfur	34-1	-1380.90	-1246.75	-1320.93	-1316.19		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	99.20	98.83	93.69	97.24	3.17	ppb
Thallium	205-1	100.12	99.59	91.63	97.11	4.90	ppb
Tin	118-1	97.04	97.47	98.86	97.79	0.97	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:22:42	DataFile Name :	225AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	559.87	561.65	547.90	556.47	1.34	ppb
Uranium	238-1	93.91	95.02	91.63	93.52	1.85	ppb
Vanadium	51-2	119.43	119.64	118.65	119.24	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				111		%
Zinc	66-2	1001.99	1019.77	999.22	1006.99	1.11	ppb
Zirconium	90-1	103.27	105.86	101.49	103.54	2.12	ppb
Zirconium	91-1	102.72	104.92	97.76	101.80	3.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:25:36	DataFile Name :	226AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23993.61	23105.16	23306.36	23468.38	1.99	ppb
Antimony	121-1	43.18	41.04	43.56	42.59	3.19	ppb
Arsenic	75-2	128.30	130.06	126.90	128.42	1.23	ppb
Barium	135-1	633.48	583.58	617.99	611.68	4.17	ppb
Barium	137-1	622.42	572.25	622.78	605.82	4.80	ppb
Beryllium	9-1	106.94	100.53	97.33	101.60	4.82	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	65.11	62.44	63.14	63.56	2.18	ppb
Boron	11-1	68.84	68.55	67.36	68.25	1.15	ppb
Bromine	81-1						cps
Cadmium	111-1	110.68	105.86	113.00	109.85	3.32	ppb
Cadmium	106-1	112.83	105.60	108.14	108.86	3.37	ppb
Cadmium	108-1	104.73	98.30	105.93	102.99	3.98	ppb
Calcium	43-1	11010.71	11507.02	11202.37	11240.03	2.23	ppb
Calcium	44-1	11049.74	11453.01	11112.63	11205.13	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.45	116.00	116.83	117.10	1.06	ppb
Cobalt	59-2	119.28	113.28	117.29	116.62	2.62	ppb
Copper	63-2	1150.16	1112.11	1146.35	1136.21	1.84	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				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	45853.58	45574.25	46711.63	46046.49	1.29	ppb
Iron	56-2	46731.56	45140.18	46970.56	46280.76	2.15	ppb
Iron	57-2	47541.23	46027.18	47622.41	47063.61	1.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:25:36	DataFile Name :	226AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	491.93	523.32	477.55	497.60	4.70	ppb
Lead	207-1	496.94	514.66	465.59	492.39	5.05	ppb
Lead	208-1	494.55	509.89	471.50	491.98	3.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	16867.71	16131.78	16706.78	16568.76	2.34	ppb
Manganese	55-2	2209.55	2122.87	2256.51	2196.31	3.09	ppb
Molybdenum	94-1	573.37	569.35	584.60	575.77	1.37	ppb
Molybdenum	95-1	463.39	452.05	464.27	459.90	1.48	ppb
Molybdenum	96-1	473.00	462.99	472.12	469.37	1.18	ppb
Molybdenum	97-1	471.01	457.30	457.73	462.02	1.69	ppb
Molybdenum	98-1	463.38	457.21	448.89	456.49	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.55	132.04	132.42	133.34	1.45	ppb
Phosphorus	31-2	972.74	935.45	1011.61	973.27	3.91	ppb
Potassium	39-2	7102.90	6902.75	7030.73	7012.12	1.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	99.78	97.01	96.26	97.68	1.89	ppb
Selenium	77-2	140.49	122.15	126.53	129.72	7.38	ppb
Selenium	78-2	100.50	104.48	101.53	102.17	2.02	ppb
Silicon	28-1	53.67	102.91	39.74	65.44	50.71	ppb
Silver	107-1	102.65	100.21	101.17	101.35	1.21	ppb
Silver	109-1	99.57	96.90	101.75	99.41	2.44	ppb
Sodium	23-2	9847.47	9900.20	9859.90	9869.19	0.28	ppb
Strontium	86-1	107.76	106.22	108.68	107.55	1.16	ppb
Strontium	88-1	105.78	104.94	105.15	105.29	0.42	ppb
Sulfur	34-1	-1029.60	-959.96	-911.12	-966.89		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	92.06	92.69	90.27	91.67	1.37	ppb
Thallium	205-1	94.20	95.05	91.11	93.45	2.22	ppb
Tin	118-1	99.57	95.55	101.92	99.01	3.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:25:36	DataFile Name :	226AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	517.78	533.28	525.02	525.36	1.48	ppb
Uranium	238-1	93.22	95.53	89.21	92.66	3.45	ppb
Vanadium	51-2	116.93	115.23	116.93	116.36	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	994.53	971.58	994.27	986.80	1.34	ppb
Zirconium	90-1	109.02	106.35	104.35	106.57	2.20	ppb
Zirconium	91-1	108.91	105.20	102.25	105.45	3.17	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:29:54	DataFile Name :	227CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51423.43	50481.47	48937.31	50280.74	2.50	ppb
Antimony	121-1	492.14	506.45	499.99	499.53	1.43	ppb
Arsenic	75-2	509.69	502.54	493.08	501.77	1.66	ppb
Barium	135-1	2413.09	2543.39	2435.02	2463.83	2.83	ppb
Barium	137-1	2342.73	2506.64	2391.44	2413.60	3.49	ppb
Beryllium	9-1	482.98	499.70	503.12	495.26	2.18	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	466.65	501.21	537.53	501.80	7.06	ppb
Boron	11-1	471.08	506.49	497.54	491.70	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	462.11	477.61	481.43	473.72	2.16	ppb
Cadmium	106-1	456.59	478.67	459.44	464.90	2.58	ppb
Cadmium	108-1	463.19	467.69	468.06	466.31	0.58	ppb
Calcium	43-1	238554.36	233417.50	232370.99	234780.95	1.41	ppb
Calcium	44-1	240902.57	240589.95	237353.35	239615.29	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.70	498.12	481.16	487.33	1.93	ppb
Cobalt	59-2	483.88	472.84	473.36	476.69	1.31	ppb
Copper	63-2	4908.89	4871.71	4781.51	4854.04	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				101		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	54-2	123284.08	122337.48	120735.86	122119.14	1.05	ppb
Iron	56-2	122907.53	125628.08	124575.49	124370.37	1.10	ppb
Iron	57-2	125503.68	123248.70	119487.22	122746.53	2.48	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:29:54	DataFile Name :	227CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2481.97	2474.68	2452.39	2469.68	0.62	ppb
Lead	207-1	2465.57	2469.67	2523.69	2486.31	1.30	ppb
Lead	208-1	2461.41	2483.33	2482.85	2475.87	0.51	ppb
Lithium	6-1				93		%
Magnesium	24-2	253637.22	250267.34	253875.96	252593.51	0.80	ppb
Manganese	55-2	4726.46	4866.53	4696.88	4763.29	1.90	ppb
Molybdenum	94-1	4947.04	4751.25	4710.86	4803.05	2.63	ppb
Molybdenum	95-1	4833.89	4801.86	4769.75	4801.83	0.67	ppb
Molybdenum	96-1	4834.12	4781.66	4834.45	4816.74	0.63	ppb
Molybdenum	97-1	4702.30	4678.67	4816.89	4732.62	1.56	ppb
Molybdenum	98-1	4683.48	4733.88	4693.79	4703.72	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.62	476.59	484.87	481.03	0.87	ppb
Phosphorus	31-2	9318.85	9491.72	9206.82	9339.13	1.54	ppb
Potassium	39-2	116660.92	118485.01	116027.13	117057.69	1.09	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	462.17	472.69	454.91	463.26	1.93	ppb
Selenium	77-2	488.67	504.89	491.62	495.06	1.75	ppb
Selenium	78-2	480.65	485.61	467.41	477.89	1.97	ppb
Silicon	28-1	491.32	495.60	479.95	488.96	1.65	ppb
Silver	107-1	461.94	493.71	492.35	482.67	3.72	ppb
Silver	109-1	475.75	465.22	460.85	467.27	1.64	ppb
Sodium	23-2	249567.92	242926.71	252785.56	248426.73	2.02	ppb
Strontium	86-1	499.67	495.68	488.67	494.67	1.13	ppb
Strontium	88-1	488.05	484.57	477.97	483.53	1.06	ppb
Sulfur	34-1	8682.94	8632.38	8490.91	8602.07	1.16	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	500.90	494.11	503.37	499.46	0.96	ppb
Thallium	205-1	498.04	501.03	493.33	497.47	0.78	ppb
Tin	118-1	481.28	472.93	474.06	476.09	0.95	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:29:54	DataFile Name :	227CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4939.31	4775.39	4729.33	4814.68	2.29	ppb
Uranium	238-1	505.83	500.71	503.36	503.30	0.51	ppb
Vanadium	51-2	486.93	473.05	485.54	481.84	1.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	4889.77	4822.63	4728.81	4813.74	1.68	ppb
Zirconium	90-1	492.66	489.49	481.63	487.93	1.16	ppb
Zirconium	91-1	494.62	496.22	485.72	492.19	1.15	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:38:26	DataFile Name :	228CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.59	-1.69	-1.45	-1.57		ppb
Antimony	121-1	0.08	0.08	0.10	0.09	17.40	ppb
Arsenic	75-2	0.02	-0.01	0.02	0.01	125.04	ppb
Barium	135-1	0.03	0.05	0.03	0.04	24.65	ppb
Barium	137-1	0.03	0.02	0.03	0.03	12.69	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	16.35	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	12.73	12.20	11.00	11.97	7.40	ppb
Boron	11-1	13.17	12.50	10.99	12.22	9.13	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.06	-0.04	-0.05		ppb
Cadmium	106-1	-2.73	-3.49	-2.66	-2.96		ppb
Cadmium	108-1	-0.18	-0.18	-0.16	-0.17		ppb
Calcium	43-1	1.77	0.07	1.42	1.09	82.60	ppb
Calcium	44-1	0.99	-0.25	0.18	0.31	207.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.09	-0.05	-0.09		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	188.54	ppb
Copper	63-2	0.06	0.07	0.09	0.07	21.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	4.41	5.57	6.98	5.65	22.77	ppb
Iron	56-2	4.85	5.28	5.95	5.36	10.33	ppb
Iron	57-2	6.30	4.32	6.01	5.54	19.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:38:26	DataFile Name :	228CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.09	0.10	0.09	8.06	ppb
Lead	207-1	0.09	0.09	0.08	0.09	8.07	ppb
Lead	208-1	0.08	0.08	0.09	0.08	3.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.90	2.24	2.46	2.53	13.20	ppb
Manganese	55-2	0.06	0.06	0.07	0.06	6.52	ppb
Molybdenum	94-1	0.11	0.07	0.11	0.10	25.04	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	1.07	ppb
Molybdenum	96-1	0.09	0.06	0.09	0.08	22.52	ppb
Molybdenum	97-1	0.12	0.12	0.12	0.12	0.54	ppb
Molybdenum	98-1	0.11	0.09	0.09	0.10	11.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	1174.57	ppb
Phosphorus	31-2	-29.13	-36.14	-30.43	-31.90		ppb
Potassium	39-2	3.40	3.34	4.36	3.70	15.43	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.90	1.04	-0.35	0.53	144.95	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.39	-0.75	0.19	-0.32		ppb
Silicon	28-1	-1.73	-2.30	-2.45	-2.16		ppb
Silver	107-1	0.02	0.03	0.03	0.03	19.81	ppb
Silver	109-1	0.03	0.02	0.03	0.03	8.51	ppb
Sodium	23-2	2.65	4.06	3.69	3.47	21.08	ppb
Strontium	86-1	-0.04	-0.29	-0.33	-0.22		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	57.05	ppb
Sulfur	34-1	-302.03	-616.84	-651.98	-523.62		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.00	0.01	114.84	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	24.35	ppb
Tin	118-1	0.01	-0.02	-0.02	-0.01		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:38:26	DataFile Name :	228CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.01	0.08	0.05	76.09	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	11.27	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	31.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.04	0.05	0.01	0.03	57.71	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	15.64	ppb
Zirconium	91-1	0.03	0.01	0.03	0.03	40.48	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	A03140ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:41:35	DataFile Name :	229AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23720.25	23063.48	23535.34	23439.69	1.44	ppb
Antimony	121-1	37.19	37.94	38.69	37.94	1.98	ppb
Arsenic	75-2	123.98	123.07	123.21	123.42	0.40	ppb
Barium	135-1	627.38	630.37	647.25	635.00	1.69	ppb
Barium	137-1	608.83	614.36	623.48	615.56	1.20	ppb
Beryllium	9-1	101.93	98.35	100.30	100.19	1.78	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	63.19	64.81	64.92	64.31	1.51	ppb
Boron	11-1	64.80	66.88	69.51	67.06	3.52	ppb
Bromine	81-1						cps
Cadmium	111-1	106.78	110.81	106.59	108.06	2.21	ppb
Cadmium	106-1	106.13	108.63	109.85	108.20	1.75	ppb
Cadmium	108-1	102.36	106.57	107.16	105.37	2.48	ppb
Calcium	43-1	10693.53	11188.52	11116.74	10999.60	2.43	ppb
Calcium	44-1	10923.44	11217.58	11506.93	11215.99	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.89	114.79	115.42	114.70	0.67	ppb
Cobalt	59-2	116.23	114.24	115.00	115.15	0.87	ppb
Copper	63-2	1126.59	1119.87	1076.79	1107.75	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				110		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	46351.00	48098.09	47529.43	47326.17	1.88	ppb
Iron	56-2	45366.28	47018.07	47612.78	46665.71	2.49	ppb
Iron	57-2	48606.51	48374.32	47102.04	48027.62	1.69	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	A03140ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:41:35	DataFile Name :	229AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	497.41	511.22	502.49	503.71	1.39	ppb
Lead	207-1	503.37	505.73	498.36	502.49	0.75	ppb
Lead	208-1	493.17	507.96	493.09	498.07	1.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	16651.71	16166.79	16977.96	16598.82	2.46	ppb
Manganese	55-2	2537.71	2593.46	2621.02	2584.06	1.64	ppb
Molybdenum	94-1	556.94	549.37	546.27	550.86	1.00	ppb
Molybdenum	95-1	451.14	453.56	445.51	450.07	0.92	ppb
Molybdenum	96-1	464.21	464.53	445.45	458.06	2.39	ppb
Molybdenum	97-1	470.14	449.37	434.47	451.33	3.97	ppb
Molybdenum	98-1	447.81	441.07	444.62	444.50	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.74	131.22	130.95	131.31	0.31	ppb
Phosphorus	31-2	995.80	988.64	997.94	994.13	0.49	ppb
Potassium	39-2	7406.12	6936.93	6746.11	7029.72	4.83	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	93.94	93.58	93.07	93.53	0.46	ppb
Selenium	77-2	127.86	130.04	123.67	127.19	2.55	ppb
Selenium	78-2	97.29	98.57	102.31	99.39	2.63	ppb
Silicon	28-1	62.76	60.27	58.58	60.54	3.48	ppb
Silver	107-1	97.49	102.16	103.00	100.88	2.94	ppb
Silver	109-1	97.11	99.20	102.51	99.61	2.73	ppb
Sodium	23-2	9656.74	9674.94	9952.94	9761.54	1.70	ppb
Strontium	86-1	105.93	103.63	104.53	104.70	1.10	ppb
Strontium	88-1	103.14	104.65	103.39	103.73	0.78	ppb
Sulfur	34-1	-983.82	-951.83	-930.71	-955.45		ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	86.66	95.16	91.64	91.16	4.69	ppb
Thallium	205-1	88.83	94.41	94.96	92.73	3.65	ppb
Tin	118-1	98.18	100.37	100.38	99.64	1.27	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	A03140ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:41:35	DataFile Name :	229AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	497.48	534.14	554.76	528.79	5.49	ppb
Uranium	238-1	90.46	95.80	93.17	93.14	2.87	ppb
Vanadium	51-2	116.03	114.39	115.94	115.46	0.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	973.63	987.97	985.36	982.32	0.78	ppb
Zirconium	90-1	103.74	103.23	99.93	102.30	2.02	ppb
Zirconium	91-1	99.21	100.76	97.76	99.24	1.51	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A10095DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:44:31	DataFile Name :	230AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1586.80	1581.83	1514.93	1561.19	2.57	ppb
Antimony	121-1	0.73	0.64	0.79	0.72	9.85	ppb
Arsenic	75-2	12.54	12.26	12.28	12.36	1.25	ppb
Barium	135-1	27.37	27.15	26.73	27.08	1.19	ppb
Barium	137-1	26.56	26.03	26.92	26.50	1.69	ppb
Beryllium	9-1	0.26	0.24	0.22	0.24	7.90	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	10.45	9.97	9.27	9.90	6.00	ppb
Boron	11-1	10.92	10.35	10.00	10.42	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.02	0.04	0.03	26.18	ppb
Cadmium	106-1	-1.84	-2.09	-1.88	-1.93		ppb
Cadmium	108-1	0.24	0.12	0.40	0.26	54.85	ppb
Calcium	43-1	315.61	305.76	305.91	309.09	1.83	ppb
Calcium	44-1	310.86	298.73	307.30	305.63	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.33	3.18	3.22	3.24	2.35	ppb
Cobalt	59-2	1.47	1.54	1.51	1.51	2.28	ppb
Copper	63-2	9.54	9.52	9.41	9.49	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				108		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	54-2	7590.83	7764.10	7746.86	7700.60	1.24	ppb
Iron	56-2	8261.42	8143.40	7889.64	8098.16	2.35	ppb
Iron	57-2	7693.00	7840.16	7531.44	7688.20	2.01	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A10095DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:44:31	DataFile Name :	230AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	10.18	10.38	11.19	10.58	5.03	ppb
Lead	207-1	9.71	10.15	10.39	10.09	3.44	ppb
Lead	208-1	10.12	10.39	10.61	10.37	2.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	52.06	54.81	54.44	53.77	2.78	ppb
Manganese	55-2	17.53	17.71	17.54	17.60	0.58	ppb
Molybdenum	94-1	5.42	6.29	6.64	6.12	10.34	ppb
Molybdenum	95-1	1.47	1.41	1.42	1.43	2.34	ppb
Molybdenum	96-1	2.11	2.11	2.06	2.09	1.48	ppb
Molybdenum	97-1	1.44	1.42	1.40	1.42	1.53	ppb
Molybdenum	98-1	1.50	1.40	1.41	1.44	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.51	7.73	7.47	7.57	1.82	ppb
Phosphorus	31-2	46.46	21.02	24.76	30.75	44.67	ppb
Potassium	39-2	252.44	271.02	250.89	258.11	4.34	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	4.37	5.04	4.28	4.56	9.02	ppb
Selenium	77-2	4.47	3.71	4.87	4.35	13.55	ppb
Selenium	78-2	3.02	3.57	3.34	3.31	8.28	ppb
Silicon	28-1	38.07	40.34	36.16	38.19	5.49	ppb
Silver	107-1	0.08	0.07	0.07	0.07	8.30	ppb
Silver	109-1	0.08	0.07	0.06	0.07	9.86	ppb
Sodium	23-2	131.85	135.49	128.62	131.99	2.61	ppb
Strontium	86-1	5.02	5.06	4.97	5.02	0.95	ppb
Strontium	88-1	5.35	5.38	5.51	5.41	1.59	ppb
Sulfur	34-1	2382.53	2128.25	2208.68	2239.82	5.80	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.08	0.06	0.06	0.07	15.20	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.62	ppb
Tin	118-1	0.36	0.31	0.34	0.34	8.20	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A10095DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:44:31	DataFile Name :	230AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	32.17	19.61	24.83	25.54	24.70	ppb
Uranium	238-1	0.25	0.45	0.24	0.31	37.09	ppb
Vanadium	51-2	9.41	9.52	9.54	9.49	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				110		%
Zinc	66-2	32.86	34.18	33.97	33.67	2.10	ppb
Zirconium	90-1	2.34	3.04	2.16	2.51	18.49	ppb
Zirconium	91-1	2.38	2.21	2.13	2.24	5.64	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A11015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:47:32	DataFile Name :	231AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3512.37	3817.32	3393.43	3574.37	6.12	ppb
Antimony	121-1	0.57	0.50	0.48	0.51	9.56	ppb
Arsenic	75-2	2.99	3.00	2.84	2.94	2.92	ppb
Barium	135-1	316.87	294.55	324.78	312.07	5.02	ppb
Barium	137-1	317.29	290.50	310.60	306.13	4.55	ppb
Beryllium	9-1	2.97	3.02	2.95	2.98	1.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	9.14	9.53	9.50	9.39	2.30	ppb
Boron	11-1	9.31	9.56	9.68	9.52	1.98	ppb
Bromine	81-1						cps
Cadmium	111-1	4.87	4.68	5.01	4.85	3.41	ppb
Cadmium	106-1	4.52	3.61	3.52	3.88	14.32	ppb
Cadmium	108-1	4.19	4.76	4.51	4.48	6.37	ppb
Calcium	43-1	3363.53	3381.09	3482.23	3408.95	1.88	ppb
Calcium	44-1	3424.65	3464.55	3434.32	3441.17	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.84	114.12	102.56	107.17	5.71	ppb
Cobalt	59-2	25.58	28.00	25.22	26.27	5.76	ppb
Copper	63-2	515.84	573.33	516.32	535.17	6.18	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				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	71677.64	79226.83	70123.36	73675.94	6.61	ppb
Iron	56-2	72339.82	78775.58	71522.04	74212.48	5.35	ppb
Iron	57-2	74424.79	79498.80	71719.61	75214.40	5.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A11015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:47:32	DataFile Name :	231AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	466.85	478.37	466.68	470.64	1.42	ppb
Lead	207-1	459.30	457.44	458.97	458.57	0.22	ppb
Lead	208-1	456.72	456.09	456.51	456.44	0.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	775.54	830.28	750.98	785.60	5.17	ppb
Manganese	55-2	2025.99	2183.76	1955.69	2055.14	5.68	ppb
Molybdenum	94-1	5.05	5.43	5.23	5.23	3.59	ppb
Molybdenum	95-1	3.20	3.48	3.49	3.39	4.79	ppb
Molybdenum	96-1	5.02	5.31	5.21	5.18	2.84	ppb
Molybdenum	97-1	3.29	3.53	4.37	3.73	15.19	ppb
Molybdenum	98-1	3.25	3.34	3.38	3.32	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	287.48	308.13	276.73	290.78	5.49	ppb
Phosphorus	31-2	4.21	19.58	11.98	11.92	64.44	ppb
Potassium	39-2	499.98	511.54	436.69	482.74	8.35	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	1.60	0.64	0.88	1.04	48.13	ppb
Selenium	77-2	5.24	7.23	4.76	5.74	22.81	ppb
Selenium	78-2	0.76	0.54	0.59	0.63	17.82	ppb
Silicon	28-1	53.78	57.24	48.31	53.11	8.48	ppb
Silver	107-1	0.75	0.71	0.79	0.75	5.26	ppb
Silver	109-1	0.71	0.75	0.80	0.75	5.67	ppb
Sodium	23-2	317.09	331.93	296.05	315.02	5.72	ppb
Strontium	86-1	35.72	36.44	36.92	36.36	1.66	ppb
Strontium	88-1	36.73	36.36	36.35	36.48	0.60	ppb
Sulfur	34-1	-732.33	-638.25	-440.58	-603.72		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.26	0.32	0.29	0.29	9.60	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	2.59	ppb
Tin	118-1	5.25	3.94	3.63	4.27	20.15	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A11015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:47:32	DataFile Name :	231AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	37.56	27.88	32.12	32.52	14.93	ppb
Uranium	238-1	0.71	0.69	0.71	0.70	1.56	ppb
Vanadium	51-2	3.89	4.14	3.65	3.89	6.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	772.38	846.39	769.80	796.19	5.46	ppb
Zirconium	90-1	1.22	1.22	1.37	1.27	7.02	ppb
Zirconium	91-1	1.27	1.27	1.26	1.27	0.42	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A11105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:50:28	DataFile Name :	232AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3594.52	3592.17	3587.36	3591.35	0.10	ppb
Antimony	121-1	0.40	0.40	0.43	0.41	3.40	ppb
Arsenic	75-2	18.16	17.34	17.49	17.66	2.46	ppb
Barium	135-1	51.35	53.84	54.69	53.29	3.26	ppb
Barium	137-1	52.57	54.54	52.42	53.18	2.23	ppb
Beryllium	9-1	0.75	0.79	0.74	0.76	3.62	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	5.12	5.16	4.85	5.05	3.33	ppb
Boron	11-1	5.44	5.32	5.15	5.30	2.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.17	0.25	0.21	18.95	ppb
Cadmium	106-1	-0.72	-1.84	0.31	-0.75		ppb
Cadmium	108-1	0.21	0.50	0.31	0.34	42.72	ppb
Calcium	43-1	4279.64	4466.71	4231.10	4325.82	2.88	ppb
Calcium	44-1	4265.50	4445.76	4347.44	4352.90	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.04	5.78	5.95	5.92	2.25	ppb
Cobalt	59-2	4.31	4.28	4.28	4.29	0.49	ppb
Copper	63-2	38.20	37.19	36.83	37.41	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	10606.83	10583.88	10369.39	10520.03	1.24	ppb
Iron	56-2	10662.14	10879.40	10862.15	10801.23	1.12	ppb
Iron	57-2	10293.71	10391.27	10483.07	10389.35	0.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A11105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:50:28	DataFile Name :	232AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	52.40	50.70	50.24	51.11	2.22	ppb
Lead	207-1	50.44	50.55	51.62	50.87	1.28	ppb
Lead	208-1	50.76	50.11	50.66	50.51	0.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	851.83	857.93	849.66	853.14	0.50	ppb
Manganese	55-2	123.54	119.78	122.16	121.83	1.56	ppb
Molybdenum	94-1	6.40	6.55	6.56	6.50	1.43	ppb
Molybdenum	95-1	1.94	1.84	1.94	1.91	3.02	ppb
Molybdenum	96-1	2.68	2.54	2.69	2.64	3.24	ppb
Molybdenum	97-1	1.88	2.01	1.85	1.91	4.40	ppb
Molybdenum	98-1	1.79	1.84	1.84	1.82	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.40	10.03	10.42	10.28	2.12	ppb
Phosphorus	31-2	50.74	35.72	77.07	54.51	38.40	ppb
Potassium	39-2	740.17	688.06	679.39	702.54	4.68	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	8.95	9.40	8.27	8.88	6.40	ppb
Selenium	77-2	6.96	12.42	7.78	9.05	32.54	ppb
Selenium	78-2	8.75	9.48	8.64	8.96	5.06	ppb
Silicon	28-1	78.21	118.94	92.01	96.39	21.49	ppb
Silver	107-1	0.06	0.05	0.06	0.06	12.72	ppb
Silver	109-1	0.06	0.05	0.05	0.05	8.10	ppb
Sodium	23-2	275.68	272.18	267.25	271.70	1.56	ppb
Strontium	86-1	29.58	28.14	29.43	29.05	2.73	ppb
Strontium	88-1	29.93	28.89	29.09	29.30	1.88	ppb
Sulfur	34-1	2134.52	2426.60	2227.31	2262.81	6.60	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.22	0.24	0.23	0.23	4.52	ppb
Thallium	205-1	0.22	0.22	0.23	0.23	0.89	ppb
Tin	118-1	0.34	0.59	0.34	0.42	33.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A11105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:50:28	DataFile Name :	232AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	35.28	20.33	20.60	25.40	33.67	ppb
Uranium	238-1	0.39	0.38	0.38	0.39	0.92	ppb
Vanadium	51-2	7.79	7.84	8.07	7.90	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	81.25	80.90	77.87	80.01	2.32	ppb
Zirconium	90-1	2.86	3.27	2.52	2.88	13.07	ppb
Zirconium	91-1	2.58	2.63	2.59	2.60	1.03	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A03015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:53:26	DataFile Name :	233AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17132.89	18134.51	20132.64	18466.68	8.27	ppb
Antimony	121-1	0.07	0.06	0.06	0.06	9.03	ppb
Arsenic	75-2	5.01	5.42	6.02	5.48	9.31	ppb
Barium	135-1	90.90	98.86	96.86	95.54	4.34	ppb
Barium	137-1	91.29	96.57	93.08	93.65	2.87	ppb
Beryllium	9-1	1.29	1.37	1.40	1.35	4.32	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	5.09	5.70	5.22	5.34	5.96	ppb
Boron	11-1	5.61	5.85	5.65	5.70	2.22	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.10	0.11	0.09	20.76	ppb
Cadmium	106-1	-0.66	0.68	0.41	0.14	490.37	ppb
Cadmium	108-1	0.43	0.52	0.40	0.45	13.95	ppb
Calcium	43-1	2347.93	2324.29	2336.56	2336.26	0.51	ppb
Calcium	44-1	2386.18	2365.70	2318.42	2356.77	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.75	16.31	18.74	17.27	7.50	ppb
Cobalt	59-2	19.04	18.32	21.66	19.67	8.94	ppb
Copper	63-2	29.02	28.56	33.27	30.28	8.59	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				108		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	32568.16	31919.13	37126.16	33871.15	8.38	ppb
Iron	56-2	32263.49	32167.36	36508.41	33646.42	7.37	ppb
Iron	57-2	32469.22	32683.57	37869.47	34340.75	8.90	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A03015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:53:26	DataFile Name :	233AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	9.04	9.82	8.58	9.15	6.86	ppb
Lead	207-1	8.43	9.19	8.33	8.65	5.44	ppb
Lead	208-1	8.92	9.37	8.51	8.93	4.80	ppb
Lithium	6-1				98		%
Magnesium	24-2	5453.49	5438.64	6463.96	5785.37	10.16	ppb
Manganese	55-2	2223.92	2122.74	2475.32	2273.99	7.98	ppb
Molybdenum	94-1	9.86	10.80	11.15	10.61	6.29	ppb
Molybdenum	95-1	0.61	0.62	0.56	0.59	5.40	ppb
Molybdenum	96-1	2.16	2.44	2.36	2.32	6.18	ppb
Molybdenum	97-1	0.47	0.48	0.52	0.49	4.86	ppb
Molybdenum	98-1	0.47	0.46	0.47	0.47	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.21	40.89	47.67	43.59	8.24	ppb
Phosphorus	31-2	450.66	364.74	488.56	434.65	14.60	ppb
Potassium	39-2	1965.82	1897.41	2137.47	2000.23	6.18	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	82-1	2.01	2.17	2.24	2.14	5.47	ppb
Selenium	77-2	18.29	23.22	21.51	21.01	11.91	ppb
Selenium	78-2	3.63	2.34	4.37	3.45	29.86	ppb
Silicon	28-1	340.42	267.05	350.61	319.36	14.28	ppb
Silver	107-1	0.03	0.03	0.03	0.03	17.32	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.05	ppb
Sodium	23-2	120.92	106.87	123.98	117.26	7.78	ppb
Strontium	86-1	12.82	13.91	13.31	13.34	4.07	ppb
Strontium	88-1	13.85	14.32	14.05	14.07	1.65	ppb
Sulfur	34-1	-1187.16	-1292.46	-1293.33	-1257.65		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.08	0.06	0.07	14.59	ppb
Thallium	205-1	0.08	0.09	0.09	0.08	6.20	ppb
Tin	118-1	1.67	1.73	1.78	1.72	3.32	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A03015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:53:26	DataFile Name :	233AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	61.80	56.80	97.82	72.14	31.03	ppb
Uranium	238-1	1.17	1.23	1.15	1.18	3.80	ppb
Vanadium	51-2	9.31	9.21	10.79	9.77	9.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	86.85	83.87	99.51	90.08	9.22	ppb
Zirconium	90-1	5.72	6.40	5.86	5.99	5.93	ppb
Zirconium	91-1	4.84	5.29	5.19	5.10	4.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A02015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:56:22	DataFile Name :	234AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18833.39	18218.23	18814.66	18622.09	1.88	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	25.34	ppb
Arsenic	75-2	4.60	4.33	4.78	4.57	4.98	ppb
Barium	135-1	96.42	96.25	96.07	96.25	0.18	ppb
Barium	137-1	100.64	96.42	96.29	97.79	2.53	ppb
Beryllium	9-1	1.07	1.13	1.07	1.09	2.96	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	3.65	3.84	3.75	3.75	2.51	ppb
Boron	11-1	4.08	4.16	3.85	4.03	4.01	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.11	0.06	0.10	29.36	ppb
Cadmium	106-1	-0.41	-1.13	-2.31	-1.28		ppb
Cadmium	108-1	0.21	0.17	0.44	0.27	53.58	ppb
Calcium	43-1	2199.78	2212.83	2183.27	2198.63	0.67	ppb
Calcium	44-1	2233.86	2250.48	2211.19	2231.84	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.89	20.47	20.50	20.62	1.12	ppb
Cobalt	59-2	19.59	19.07	19.02	19.23	1.64	ppb
Copper	63-2	31.87	31.46	30.94	31.42	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	54-2	33208.41	33593.58	32913.74	33238.58	1.03	ppb
Iron	56-2	33153.86	33237.94	32283.69	32891.83	1.61	ppb
Iron	57-2	34342.29	33866.00	33010.12	33739.47	2.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A02015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:56:22	DataFile Name :	234AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.35	12.70	11.71	11.92	5.85	ppb
Lead	207-1	10.85	11.81	11.68	11.44	4.55	ppb
Lead	208-1	11.35	12.30	11.78	11.81	4.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	6439.32	6053.67	5982.74	6158.57	3.99	ppb
Manganese	55-2	1394.57	1378.83	1317.15	1363.52	3.00	ppb
Molybdenum	94-1	5.40	5.40	4.76	5.18	7.15	ppb
Molybdenum	95-1	0.16	0.15	0.21	0.17	16.99	ppb
Molybdenum	96-1	1.22	1.28	1.35	1.28	5.14	ppb
Molybdenum	97-1	0.13	0.16	0.14	0.14	11.81	ppb
Molybdenum	98-1	0.12	0.10	0.08	0.10	18.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.88	37.64	37.22	37.58	0.89	ppb
Phosphorus	31-2	374.50	367.00	389.31	376.94	3.01	ppb
Potassium	39-2	1844.13	1840.66	1824.90	1836.56	0.56	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	1.72	1.27	1.27	1.42	18.29	ppb
Selenium	77-2	18.89	17.07	22.34	19.44	13.77	ppb
Selenium	78-2	3.10	3.08	2.46	2.88	12.62	ppb
Silicon	28-1	189.74	258.29	209.86	219.30	16.07	ppb
Silver	107-1	0.04	0.02	0.02	0.03	31.43	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.32	ppb
Sodium	23-2	103.45	101.11	98.03	100.86	2.69	ppb
Strontium	86-1	11.84	12.19	11.34	11.79	3.65	ppb
Strontium	88-1	12.24	12.97	12.46	12.56	2.99	ppb
Sulfur	34-1	-1850.09	-1767.54	-1799.20	-1805.61		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.09	0.09	0.08	0.09	6.58	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	4.60	ppb
Tin	118-1	0.30	0.30	0.20	0.27	20.74	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A02015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:56:22	DataFile Name :	234AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	36.33	36.25	37.91	36.83	2.54	ppb
Uranium	238-1	0.92	1.00	0.94	0.96	4.44	ppb
Vanadium	51-2	5.59	4.99	5.00	5.19	6.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	95.71	92.45	94.91	94.36	1.80	ppb
Zirconium	90-1	2.23	2.49	2.39	2.37	5.53	ppb
Zirconium	91-1	2.35	2.09	2.20	2.22	5.81	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP0331DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:59:17	DataFile Name :	235AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6608.01	6634.93	6522.25	6588.40	0.89	ppb
Antimony	121-1	0.08	0.07	0.05	0.07	16.39	ppb
Arsenic	75-2	1.42	1.33	1.26	1.34	5.91	ppb
Barium	135-1	183.28	183.67	182.56	183.17	0.31	ppb
Barium	137-1	183.43	186.62	177.86	182.64	2.43	ppb
Beryllium	9-1	2.14	2.25	2.16	2.18	2.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	2.87	3.16	2.81	2.95	6.25	ppb
Boron	11-1	3.10	3.31	3.06	3.16	4.30	ppb
Bromine	81-1						cps
Cadmium	111-1	6.02	6.08	5.69	5.93	3.50	ppb
Cadmium	106-1	4.58	4.17	1.98	3.58	38.96	ppb
Cadmium	108-1	5.15	4.50	5.25	4.97	8.21	ppb
Calcium	43-1	5673.41	5408.64	5467.34	5516.47	2.52	ppb
Calcium	44-1	5603.28	5557.52	5520.47	5560.42	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.66	19.36	19.39	19.47	0.86	ppb
Cobalt	59-2	17.32	16.87	17.08	17.09	1.33	ppb
Copper	63-2	214.44	208.23	211.49	211.39	1.47	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				110		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				107		%
Iron	54-2	10492.14	10805.54	10440.31	10579.33	1.87	ppb
Iron	56-2	10195.42	10497.44	10229.42	10307.43	1.61	ppb
Iron	57-2	10384.03	10270.84	10082.72	10245.86	1.49	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP0331DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:59:17	DataFile Name :	235AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	240.73	250.54	255.65	248.97	3.05	ppb
Lead	207-1	232.59	250.94	237.10	240.21	3.98	ppb
Lead	208-1	234.55	249.76	241.21	241.84	3.15	ppb
Lithium	6-1				99		%
Magnesium	24-2	2347.74	2381.11	2361.17	2363.34	0.71	ppb
Manganese	55-2	853.57	891.92	844.17	863.22	2.93	ppb
Molybdenum	94-1	1.29	1.19	1.18	1.22	5.24	ppb
Molybdenum	95-1	0.37	0.35	0.35	0.36	2.45	ppb
Molybdenum	96-1	0.66	0.71	0.60	0.66	8.88	ppb
Molybdenum	97-1	0.32	0.39	0.27	0.33	17.55	ppb
Molybdenum	98-1	0.32	0.33	0.31	0.32	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.74	65.42	63.57	64.58	1.45	ppb
Phosphorus	31-2	2.44	3.64	-4.76	0.44	1029.84	ppb
Potassium	39-2	696.25	686.06	691.85	691.39	0.74	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	0.99	0.46	1.29	0.92	46.22	ppb
Selenium	77-2	4.50	8.13	7.89	6.84	29.65	ppb
Selenium	78-2	1.23	0.91	0.22	0.79	65.42	ppb
Silicon	28-1	23.80	29.94	37.09	30.28	21.97	ppb
Silver	107-1	0.21	0.22	0.22	0.22	2.62	ppb
Silver	109-1	0.19	0.23	0.23	0.22	9.58	ppb
Sodium	23-2	125.83	130.87	124.42	127.04	2.67	ppb
Strontium	86-1	29.76	31.12	29.15	30.01	3.36	ppb
Strontium	88-1	30.77	30.19	30.71	30.55	1.05	ppb
Sulfur	34-1	-1395.04	-1509.84	-1303.22	-1402.70		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.08	0.08	0.08	0.08	2.06	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	4.56	ppb
Tin	118-1	0.34	0.32	0.28	0.31	10.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP0331DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:59:17	DataFile Name :	235AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.58	5.28	4.42	4.76	9.57	ppb
Uranium	238-1	0.37	0.37	0.36	0.37	1.87	ppb
Vanadium	51-2	1.22	1.26	1.20	1.22	2.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	555.95	558.98	548.12	554.35	1.01	ppb
Zirconium	90-1	0.52	0.48	0.52	0.50	4.48	ppb
Zirconium	91-1	0.44	0.47	0.54	0.49	10.85	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-09DLX5	Instrumnet Name :	P8
Client Sample ID :	A02145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:02:14	DataFile Name :	236AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14456.46	14344.37	13997.62	14266.15	1.68	ppb
Antimony	121-1	0.05	0.06	0.04	0.05	20.14	ppb
Arsenic	75-2	4.95	5.12	4.87	4.98	2.53	ppb
Barium	135-1	122.80	120.79	124.79	122.79	1.63	ppb
Barium	137-1	126.07	123.02	125.87	124.99	1.37	ppb
Beryllium	9-1	0.81	0.75	0.81	0.79	4.40	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	3.09	2.91	3.40	3.14	7.90	ppb
Boron	11-1	3.27	3.21	3.30	3.26	1.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.04	0.08	0.05	57.60	ppb
Cadmium	106-1	-1.95	-1.50	-0.66	-1.37		ppb
Cadmium	108-1	0.66	0.35	0.43	0.48	33.73	ppb
Calcium	43-1	1470.67	1512.36	1482.84	1488.62	1.44	ppb
Calcium	44-1	1518.07	1526.55	1486.34	1510.32	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.96	8.89	8.17	8.67	5.01	ppb
Cobalt	59-2	17.31	17.37	17.17	17.28	0.61	ppb
Copper	63-2	18.86	18.67	18.69	18.74	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	14626.56	14779.22	14633.25	14679.67	0.59	ppb
Iron	56-2	15069.71	14545.94	14861.61	14825.75	1.78	ppb
Iron	57-2	14615.20	14228.32	13954.51	14266.01	2.33	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-09DLX5	Instrumnet Name :	P8
Client Sample ID :	A02145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:02:14	DataFile Name :	236AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	7.43	7.13	7.85	7.47	4.79	ppb
Lead	207-1	7.41	6.68	7.16	7.08	5.26	ppb
Lead	208-1	7.36	6.90	7.37	7.21	3.70	ppb
Lithium	6-1				102		%
Magnesium	24-2	5919.22	5734.59	5738.42	5797.41	1.82	ppb
Manganese	55-2	1170.27	1174.42	1172.16	1172.28	0.18	ppb
Molybdenum	94-1	9.75	10.30	15.69	11.91	27.54	ppb
Molybdenum	95-1	0.26	0.27	0.25	0.26	4.19	ppb
Molybdenum	96-1	1.72	1.67	1.55	1.65	5.25	ppb
Molybdenum	97-1	0.23	0.19	0.21	0.21	8.15	ppb
Molybdenum	98-1	0.22	0.21	0.20	0.21	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.89	31.61	31.41	31.30	1.19	ppb
Phosphorus	31-2	325.82	340.99	317.11	327.98	3.68	ppb
Potassium	39-2	1735.22	1709.73	1737.25	1727.40	0.89	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	1.59	1.31	1.17	1.36	16.07	ppb
Selenium	77-2	13.07	17.40	15.90	15.46	14.23	ppb
Selenium	78-2	2.57	3.51	1.75	2.61	33.64	ppb
Silicon	28-1	237.90	241.01	293.72	257.54	12.18	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.49	ppb
Silver	109-1	0.02	0.02	0.01	0.02	30.57	ppb
Sodium	23-2	96.84	112.28	92.77	100.63	10.23	ppb
Strontium	86-1	10.24	9.42	9.04	9.57	6.38	ppb
Strontium	88-1	10.27	10.30	10.41	10.32	0.71	ppb
Sulfur	34-1	-1784.09	-1706.86	-1741.22	-1744.06		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.07	0.08	0.07	16.30	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	8.01	ppb
Tin	118-1	1.63	1.64	1.70	1.66	2.14	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-09DLX5	Instrumnet Name :	P8
Client Sample ID :	A02145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:02:14	DataFile Name :	236AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	54.93	74.18	55.18	61.43	17.97	ppb
Uranium	238-1	0.58	0.55	0.57	0.57	2.85	ppb
Vanadium	51-2	7.57	7.10	7.27	7.31	3.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	82.60	83.71	79.31	81.88	2.80	ppb
Zirconium	90-1	5.16	7.00	5.84	6.00	15.55	ppb
Zirconium	91-1	7.10	5.63	5.18	5.97	16.85	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-10DLX5	Instrumnet Name :	P8
Client Sample ID :	A04015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:05:09	DataFile Name :	237AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17299.58	16167.50	15172.89	16213.32	6.56	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	14.14	ppb
Arsenic	75-2	6.71	6.05	5.88	6.21	7.06	ppb
Barium	135-1	89.47	89.19	87.54	88.73	1.18	ppb
Barium	137-1	91.19	86.84	86.08	88.04	3.13	ppb
Beryllium	9-1	0.85	0.90	0.87	0.87	2.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	2.79	2.87	2.82	2.83	1.47	ppb
Boron	11-1	3.08	3.00	2.94	3.00	2.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.05	0.04	0.04	38.98	ppb
Cadmium	106-1	-1.07	-1.71	-0.33	-1.04		ppb
Cadmium	108-1	0.47	0.43	0.55	0.48	12.26	ppb
Calcium	43-1	2415.68	2367.46	2337.26	2373.47	1.67	ppb
Calcium	44-1	2357.36	2415.99	2435.06	2402.80	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.70	11.00	10.89	11.53	8.79	ppb
Cobalt	59-2	18.71	16.85	16.03	17.20	7.98	ppb
Copper	63-2	24.16	22.04	21.10	22.43	6.98	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				109		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	18832.09	16497.61	15677.50	17002.40	9.63	ppb
Iron	56-2	18031.02	16070.90	15408.14	16503.35	8.26	ppb
Iron	57-2	17481.43	15502.60	15291.33	16091.79	7.51	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-10DLX5	Instrumnet Name :	P8
Client Sample ID :	A04015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:05:09	DataFile Name :	237AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.74	6.84	6.90	6.83	1.18	ppb
Lead	207-1	6.80	6.30	6.49	6.53	3.93	ppb
Lead	208-1	6.85	6.62	6.53	6.66	2.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	6570.30	5750.19	5863.72	6061.40	7.33	ppb
Manganese	55-2	1207.87	1041.37	1019.85	1089.70	9.44	ppb
Molybdenum	94-1	13.19	9.97	10.57	11.24	15.25	ppb
Molybdenum	95-1	0.35	0.39	0.39	0.38	6.76	ppb
Molybdenum	96-1	1.96	1.91	1.73	1.86	6.49	ppb
Molybdenum	97-1	0.36	0.34	0.38	0.36	4.56	ppb
Molybdenum	98-1	0.33	0.33	0.35	0.34	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.01	32.03	31.50	33.51	9.06	ppb
Phosphorus	31-2	472.94	336.21	322.36	377.17	22.07	ppb
Potassium	39-2	2088.22	1988.54	1864.79	1980.51	5.65	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	82-1	1.04	0.57	0.20	0.60	70.00	ppb
Selenium	77-2	25.84	19.98	19.87	21.90	15.58	ppb
Selenium	78-2	4.04	1.66	2.49	2.73	44.24	ppb
Silicon	28-1	206.41	340.99	220.30	255.90	28.92	ppb
Silver	107-1	0.02	0.02	0.03	0.02	14.82	ppb
Silver	109-1	0.01	0.02	0.03	0.02	38.33	ppb
Sodium	23-2	103.82	85.99	88.35	92.72	10.45	ppb
Strontium	86-1	12.08	11.23	12.28	11.86	4.68	ppb
Strontium	88-1	12.93	12.88	12.82	12.88	0.44	ppb
Sulfur	34-1	-1611.19	-1697.92	-1677.32	-1662.14		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.06	0.06	0.05	11.39	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	6.81	ppb
Tin	118-1	1.27	1.40	1.30	1.32	5.07	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-10DLX5	Instrumnet Name :	P8
Client Sample ID :	A04015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:05:09	DataFile Name :	237AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	75.17	75.82	50.78	67.26	21.22	ppb
Uranium	238-1	0.71	0.69	0.74	0.71	3.88	ppb
Vanadium	51-2	8.81	7.56	7.46	7.94	9.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				104		%
Zinc	66-2	96.22	84.38	86.35	88.98	7.13	ppb
Zirconium	90-1	5.40	6.34	6.06	5.93	8.15	ppb
Zirconium	91-1	6.67	5.29	6.20	6.05	11.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-11DLX5	Instrumnet Name :	P8
Client Sample ID :	A04100DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:08:05	DataFile Name :	238AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18262.55	17362.37	17187.25	17604.06	3.28	ppb
Antimony	121-1	0.15	0.14	0.10	0.13	20.10	ppb
Arsenic	75-2	9.76	10.11	9.76	9.88	2.05	ppb
Barium	135-1	111.55	101.19	99.34	104.02	6.33	ppb
Barium	137-1	115.10	99.92	100.16	105.06	8.28	ppb
Beryllium	9-1	1.11	1.03	0.99	1.04	5.64	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	3.35	3.04	2.93	3.11	7.04	ppb
Boron	11-1	3.54	3.00	3.11	3.22	8.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.06	0.08	0.07	16.54	ppb
Cadmium	106-1	-1.75	-2.17	-1.24	-1.72		ppb
Cadmium	108-1	0.44	0.52	0.59	0.52	14.46	ppb
Calcium	43-1	2385.57	2234.49	2112.26	2244.11	6.10	ppb
Calcium	44-1	2505.96	2315.47	2295.74	2372.39	4.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.72	13.55	13.55	13.61	0.73	ppb
Cobalt	59-2	17.83	17.30	17.22	17.45	1.90	ppb
Copper	63-2	25.83	25.72	25.51	25.69	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	54-2	20295.44	20102.40	20085.29	20161.04	0.58	ppb
Iron	56-2	19634.10	19663.67	19622.66	19640.14	0.11	ppb
Iron	57-2	20724.59	19011.54	18843.40	19526.51	5.33	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-11DLX5	Instrumnet Name :	P8
Client Sample ID :	A04100DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:08:05	DataFile Name :	238AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	14.46	13.79	13.51	13.92	3.52	ppb
Lead	207-1	13.95	13.11	13.14	13.40	3.56	ppb
Lead	208-1	14.03	13.18	13.80	13.67	3.21	ppb
Lithium	6-1				96		%
Magnesium	24-2	6160.50	6007.38	6142.36	6103.41	1.37	ppb
Manganese	55-2	1142.89	1149.58	1124.30	1138.92	1.15	ppb
Molybdenum	94-1	13.99	12.31	12.69	13.00	6.76	ppb
Molybdenum	95-1	0.27	0.26	0.26	0.26	0.79	ppb
Molybdenum	96-1	1.96	1.81	1.77	1.85	5.50	ppb
Molybdenum	97-1	0.25	0.21	0.25	0.24	9.49	ppb
Molybdenum	98-1	0.21	0.20	0.18	0.20	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.36	33.90	33.24	33.83	1.67	ppb
Phosphorus	31-2	331.00	406.13	404.20	380.44	11.26	ppb
Potassium	39-2	2020.27	2128.51	2003.98	2050.92	3.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	1.55	0.68	1.75	1.33	43.21	ppb
Selenium	77-2	14.32	16.90	21.08	17.43	19.54	ppb
Selenium	78-2	2.86	3.58	4.70	3.72	24.89	ppb
Silicon	28-1	304.30	309.54	279.87	297.90	5.31	ppb
Silver	107-1	0.03	0.02	0.02	0.02	25.61	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.15	ppb
Sodium	23-2	110.50	93.61	93.43	99.18	9.88	ppb
Strontium	86-1	14.64	13.61	13.85	14.04	3.86	ppb
Strontium	88-1	15.75	14.62	14.50	14.96	4.61	ppb
Sulfur	34-1	-1650.35	-1690.23	-1965.18	-1768.59		ppb
Terbium	159-1				106		%
Terbium	159-2				112		%
Thallium	203-1	0.09	0.09	0.09	0.09	2.99	ppb
Thallium	205-1	0.09	0.08	0.08	0.08	2.68	ppb
Tin	118-1	1.65	1.48	1.41	1.52	7.99	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-11DLX5	Instrumnet Name :	P8
Client Sample ID :	A04100DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:08:05	DataFile Name :	238AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	71.16	82.51	65.32	72.99	11.97	ppb
Uranium	238-1	0.79	0.76	0.79	0.78	2.01	ppb
Vanadium	51-2	9.62	9.59	9.34	9.52	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	95.41	92.61	91.95	93.32	1.97	ppb
Zirconium	90-1	6.08	7.01	5.70	6.26	10.71	ppb
Zirconium	91-1	5.80	5.39	7.83	6.34	20.56	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:13:42	DataFile Name :	239CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49333.25	48974.47	50333.65	49547.13	1.42	ppb
Antimony	121-1	512.64	507.33	503.87	507.95	0.87	ppb
Arsenic	75-2	497.60	511.15	524.50	511.08	2.63	ppb
Barium	135-1	2397.27	2464.06	2476.58	2445.97	1.74	ppb
Barium	137-1	2368.93	2403.55	2385.26	2385.91	0.73	ppb
Beryllium	9-1	507.36	503.25	550.01	520.21	4.98	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	472.61	483.60	540.66	498.95	7.32	ppb
Boron	11-1	461.39	456.52	501.20	473.03	5.18	ppb
Bromine	81-1						cps
Cadmium	111-1	471.41	455.49	477.70	468.20	2.45	ppb
Cadmium	106-1	468.59	444.87	475.75	463.07	3.49	ppb
Cadmium	108-1	454.31	459.92	466.98	460.40	1.38	ppb
Calcium	43-1	226073.08	232408.03	229575.05	229352.05	1.38	ppb
Calcium	44-1	222502.99	237371.87	233531.23	231135.37	3.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.42	483.13	481.94	481.16	0.51	ppb
Cobalt	59-2	482.40	475.93	491.98	483.44	1.67	ppb
Copper	63-2	4894.71	4839.11	4939.80	4891.21	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	122511.73	121963.25	123740.14	122738.37	0.74	ppb
Iron	56-2	123411.66	124484.28	124764.50	124220.15	0.57	ppb
Iron	57-2	122917.49	121409.41	124485.94	122937.61	1.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:13:42	DataFile Name :	239CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2494.13	2462.16	2425.65	2460.65	1.39	ppb
Lead	207-1	2471.80	2470.19	2526.16	2489.38	1.28	ppb
Lead	208-1	2468.55	2458.86	2505.64	2477.68	1.00	ppb
Lithium	6-1				94		%
Magnesium	24-2	248214.73	240903.99	256047.59	248388.77	3.05	ppb
Manganese	55-2	4707.11	4768.37	4758.57	4744.68	0.69	ppb
Molybdenum	94-1	4630.69	4739.90	4827.35	4732.65	2.08	ppb
Molybdenum	95-1	4639.73	4829.92	4983.34	4817.66	3.57	ppb
Molybdenum	96-1	4615.16	4767.15	5013.87	4798.73	4.19	ppb
Molybdenum	97-1	4598.33	4686.66	4917.13	4734.04	3.48	ppb
Molybdenum	98-1	4737.56	4620.40	4994.11	4784.02	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.10	473.71	483.90	474.90	1.78	ppb
Phosphorus	31-2	9419.80	9254.65	9511.72	9395.39	1.39	ppb
Potassium	39-2	115904.50	122135.31	117703.56	118581.12	2.70	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	469.61	462.38	483.98	471.99	2.33	ppb
Selenium	77-2	469.64	501.00	498.18	489.61	3.54	ppb
Selenium	78-2	469.64	485.35	503.49	486.16	3.48	ppb
Silicon	28-1	468.21	482.93	496.68	482.60	2.95	ppb
Silver	107-1	484.68	485.27	496.01	488.65	1.30	ppb
Silver	109-1	472.34	476.95	497.46	482.25	2.77	ppb
Sodium	23-2	235782.59	241119.34	246412.14	241104.69	2.20	ppb
Strontium	86-1	493.66	491.52	498.28	494.49	0.70	ppb
Strontium	88-1	472.72	500.88	502.29	491.96	3.39	ppb
Sulfur	34-1	8244.74	8529.83	8634.04	8469.54	2.38	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	483.34	502.20	486.40	490.64	2.06	ppb
Thallium	205-1	488.91	497.95	498.98	495.28	1.12	ppb
Tin	118-1	480.41	489.00	486.47	485.29	0.91	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:13:42	DataFile Name :	239CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4760.66	4720.53	4692.27	4724.49	0.73	ppb
Uranium	238-1	498.61	511.61	495.53	501.92	1.70	ppb
Vanadium	51-2	485.11	472.84	478.17	478.71	1.29	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	4835.95	4669.98	4832.16	4779.36	1.98	ppb
Zirconium	90-1	495.25	483.37	497.93	492.18	1.57	ppb
Zirconium	91-1	479.83	492.29	507.96	493.36	2.86	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:24:25	DataFile Name :	240CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.40	-1.39	-1.45	-1.41		ppb
Antimony	121-1	0.10	0.13	0.14	0.12	19.45	ppb
Arsenic	75-2	0.03	0.03	0.01	0.02	56.91	ppb
Barium	135-1	0.04	0.04	0.01	0.03	58.48	ppb
Barium	137-1	0.03	0.03	0.01	0.02	45.96	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	11.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	6.95	7.23	6.79	6.99	3.25	ppb
Boron	11-1	7.25	7.65	6.74	7.21	6.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.04	-0.05	-0.04		ppb
Cadmium	106-1	-2.81	-2.15	-2.64	-2.54		ppb
Cadmium	108-1	-0.18	-0.15	-0.14	-0.16		ppb
Calcium	43-1	0.66	0.72	0.45	0.61	22.94	ppb
Calcium	44-1	0.70	0.23	-0.06	0.29	133.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	-0.12	-0.09	-0.09		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	73.21	ppb
Copper	63-2	0.05	0.05	0.06	0.05	9.45	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				103		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	11.45	11.95	13.99	12.46	10.82	ppb
Iron	56-2	11.40	12.48	13.70	12.53	9.19	ppb
Iron	57-2	12.01	13.03	13.03	12.69	4.66	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:24:25	DataFile Name :	240CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.10	0.08	23.68	ppb
Lead	207-1	0.05	0.05	0.07	0.06	13.45	ppb
Lead	208-1	0.06	0.06	0.08	0.07	15.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.80	2.94	2.99	2.91	3.34	ppb
Manganese	55-2	0.10	0.09	0.08	0.09	15.94	ppb
Molybdenum	94-1	0.10	0.06	0.08	0.08	28.21	ppb
Molybdenum	95-1	0.10	0.07	0.09	0.09	19.04	ppb
Molybdenum	96-1	0.10	0.08	0.07	0.08	20.75	ppb
Molybdenum	97-1	0.11	0.09	0.07	0.09	24.89	ppb
Molybdenum	98-1	0.09	0.07	0.07	0.08	10.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-38.84	-37.53	-24.79	-33.72		ppb
Potassium	39-2	4.97	6.89	5.76	5.87	16.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	1.37	0.50	0.84	0.91	48.67	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	0.18	-0.03	-0.10		ppb
Silicon	28-1	-2.37	-2.46	-2.11	-2.31		ppb
Silver	107-1	0.02	0.01	0.02	0.02	18.46	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.70	ppb
Sodium	23-2	3.36	0.95	0.57	1.63	93.02	ppb
Strontium	86-1	-0.74	-0.35	-0.16	-0.42		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1975.40	ppb
Sulfur	34-1	-592.50	-614.08	-528.70	-578.43		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	0.01	0.00	1339.24	ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.04		ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:24:25	DataFile Name :	240CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.00	0.08	0.04	94.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.51	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	25.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.08	0.09	-0.02	0.05	127.04	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	18.63	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	40.17	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-12DLX5	Instrumnet Name :	P8
Client Sample ID :	A05015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:27:26	DataFile Name :	241AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4331.29	4342.67	4383.41	4352.46	0.63	ppb
Antimony	121-1	0.24	0.26	0.21	0.24	11.44	ppb
Arsenic	75-2	2.24	2.50	2.25	2.33	6.27	ppb
Barium	135-1	206.58	214.31	205.27	208.72	2.34	ppb
Barium	137-1	210.53	212.65	209.14	210.77	0.84	ppb
Beryllium	9-1	0.85	0.85	0.85	0.85	0.46	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	9.88	10.46	9.67	10.00	4.09	ppb
Boron	11-1	10.57	10.70	10.05	10.44	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	2.90	3.09	3.00	3.00	3.25	ppb
Cadmium	106-1	2.16	3.26	1.74	2.39	32.88	ppb
Cadmium	108-1	2.61	3.19	2.89	2.90	9.95	ppb
Calcium	43-1	2595.68	2611.17	2603.41	2603.42	0.30	ppb
Calcium	44-1	2622.57	2617.15	2696.56	2645.43	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.09	12.41	12.45	12.31	1.61	ppb
Cobalt	59-2	21.17	21.06	21.52	21.25	1.12	ppb
Copper	63-2	452.79	450.12	435.78	446.23	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				111		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	19844.11	20539.08	20694.15	20359.12	2.22	ppb
Iron	56-2	20224.47	20788.27	20379.01	20463.92	1.42	ppb
Iron	57-2	19603.68	20483.05	20547.39	20211.37	2.61	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-12DLX5	Instrumnet Name :	P8
Client Sample ID :	A05015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:27:26	DataFile Name :	241AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	332.99	298.32	320.78	317.37	5.54	ppb
Lead	207-1	311.98	297.24	301.66	303.63	2.49	ppb
Lead	208-1	313.06	293.96	303.67	303.56	3.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	1159.47	1157.38	1189.03	1168.62	1.51	ppb
Manganese	55-2	612.90	616.72	614.92	614.85	0.31	ppb
Molybdenum	94-1	2.63	2.71	2.57	2.64	2.68	ppb
Molybdenum	95-1	0.58	0.58	0.62	0.60	3.52	ppb
Molybdenum	96-1	1.24	1.27	1.28	1.26	1.88	ppb
Molybdenum	97-1	0.54	0.51	0.61	0.56	9.26	ppb
Molybdenum	98-1	0.54	0.54	0.56	0.55	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	65.22	64.89	65.95	65.35	0.83	ppb
Phosphorus	31-2	61.45	57.01	68.23	62.23	9.08	ppb
Potassium	39-2	697.49	678.78	704.75	693.67	1.93	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	1.01	0.95	0.65	0.87	22.21	ppb
Selenium	77-2	6.53	7.33	4.04	5.97	28.72	ppb
Selenium	78-2	0.36	1.13	0.63	0.71	55.21	ppb
Silicon	28-1	27.49	28.01	24.56	26.69	6.97	ppb
Silver	107-1	0.13	0.14	0.14	0.14	6.37	ppb
Silver	109-1	0.13	0.14	0.12	0.13	4.69	ppb
Sodium	23-2	335.89	344.75	335.75	338.80	1.52	ppb
Strontium	86-1	17.74	18.27	18.88	18.30	3.10	ppb
Strontium	88-1	19.01	19.00	18.46	18.82	1.67	ppb
Sulfur	34-1	-441.59	-338.70	-392.87	-391.05		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.05	0.06	0.06	13.45	ppb
Thallium	205-1	0.07	0.05	0.07	0.06	13.27	ppb
Tin	118-1	3.35	3.82	2.14	3.10	28.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-12DLX5	Instrumnet Name :	P8
Client Sample ID :	A05015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:27:26	DataFile Name :	241AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	26.14	28.58	33.45	29.39	12.68	ppb
Uranium	238-1	0.39	0.30	0.34	0.34	13.35	ppb
Vanadium	51-2	5.07	4.93	5.04	5.02	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	843.99	851.22	858.33	851.18	0.84	ppb
Zirconium	90-1	1.26	1.06	1.15	1.16	8.56	ppb
Zirconium	91-1	1.01	1.20	1.09	1.10	8.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-13DLX5	Instrumnet Name :	P8
Client Sample ID :	A05140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:30:23	DataFile Name :	242AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3038.15	3089.24	3104.29	3077.23	1.13	ppb
Antimony	121-1	0.07	0.06	0.09	0.08	20.85	ppb
Arsenic	75-2	4.50	4.71	4.57	4.59	2.30	ppb
Barium	135-1	20.02	20.79	19.64	20.15	2.92	ppb
Barium	137-1	20.69	20.36	20.28	20.44	1.05	ppb
Beryllium	9-1	0.29	0.33	0.32	0.31	7.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	4.26	4.44	4.35	4.35	2.09	ppb
Boron	11-1	4.43	4.67	4.63	4.58	2.84	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.02	0.06	0.03	68.31	ppb
Cadmium	106-1	-0.92	-0.61	0.15	-0.46		ppb
Cadmium	108-1	-0.07	-0.15	-0.19	-0.14		ppb
Calcium	43-1	394.26	392.56	410.46	399.09	2.48	ppb
Calcium	44-1	394.72	384.11	408.28	395.70	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.92	3.06	3.19	3.06	4.34	ppb
Cobalt	59-2	1.62	1.72	1.69	1.68	2.97	ppb
Copper	63-2	6.42	6.48	6.54	6.48	0.96	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				106		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-2	8464.29	8547.19	8652.82	8554.76	1.10	ppb
Iron	56-2	8875.21	9009.73	8962.71	8949.22	0.76	ppb
Iron	57-2	8667.20	8640.70	8753.97	8687.29	0.68	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-13DLX5	Instrumnet Name :	P8
Client Sample ID :	A05140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:30:23	DataFile Name :	242AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	16.37	15.50	16.08	15.98	2.75	ppb
Lead	207-1	16.08	15.32	16.01	15.80	2.67	ppb
Lead	208-1	15.97	15.46	15.88	15.77	1.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	531.34	532.63	538.23	534.07	0.69	ppb
Manganese	55-2	29.03	29.68	29.47	29.39	1.12	ppb
Molybdenum	94-1	2.24	2.28	2.16	2.22	2.81	ppb
Molybdenum	95-1	0.81	0.86	0.86	0.84	3.14	ppb
Molybdenum	96-1	1.21	1.30	1.18	1.23	5.27	ppb
Molybdenum	97-1	0.93	0.86	0.84	0.88	5.38	ppb
Molybdenum	98-1	0.86	0.85	0.85	0.85	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.91	5.54	5.83	5.76	3.44	ppb
Phosphorus	31-2	-25.13	-13.84	-29.72	-22.90		ppb
Potassium	39-2	955.09	991.24	994.66	980.33	2.24	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	21.93	21.35	21.98	21.75	1.61	ppb
Selenium	77-2	22.44	26.16	19.37	22.65	15.01	ppb
Selenium	78-2	22.26	21.59	20.49	21.45	4.16	ppb
Silicon	28-1	22.24	10.99	26.59	19.94	40.37	ppb
Silver	107-1	0.04	0.04	0.05	0.04	17.68	ppb
Silver	109-1	0.05	0.04	0.05	0.05	10.86	ppb
Sodium	23-2	176.13	185.46	188.22	183.27	3.46	ppb
Strontium	86-1	18.80	18.72	19.38	18.97	1.90	ppb
Strontium	88-1	19.90	18.98	19.80	19.56	2.60	ppb
Sulfur	34-1	8944.19	8483.66	9024.34	8817.40	3.31	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.13	0.13	0.15	0.14	7.58	ppb
Thallium	205-1	0.12	0.13	0.15	0.13	11.30	ppb
Tin	118-1	0.15	0.12	0.15	0.14	13.38	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-13DLX5	Instrumnet Name :	P8
Client Sample ID :	A05140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:30:23	DataFile Name :	242AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.95	3.31	2.14	2.80	21.43	ppb
Uranium	238-1	0.27	0.26	0.27	0.27	2.87	ppb
Vanadium	51-2	4.79	4.91	5.03	4.91	2.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	12.54	13.12	13.79	13.15	4.74	ppb
Zirconium	90-1	0.76	0.75	0.76	0.76	1.20	ppb
Zirconium	91-1	0.79	0.73	0.72	0.75	4.95	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-14DLX5	Instrumnet Name :	P8
Client Sample ID :	A06015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:33:23	DataFile Name :	243AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4617.94	4675.87	4621.87	4638.56	0.70	ppb
Antimony	121-1	0.38	0.45	0.38	0.40	10.36	ppb
Arsenic	75-2	1.32	1.39	1.18	1.30	8.17	ppb
Barium	135-1	145.46	151.77	158.66	151.96	4.34	ppb
Barium	137-1	144.96	149.99	156.09	150.35	3.71	ppb
Beryllium	9-1	0.95	0.97	0.90	0.94	4.11	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	9.31	9.56	9.81	9.56	2.62	ppb
Boron	11-1	8.88	10.45	9.66	9.66	8.17	ppb
Bromine	81-1						cps
Cadmium	111-1	7.32	7.39	8.09	7.60	5.59	ppb
Cadmium	106-1	3.54	3.80	5.50	4.28	24.84	ppb
Cadmium	108-1	6.88	6.78	6.48	6.71	3.07	ppb
Calcium	43-1	8385.29	8308.21	8452.88	8382.13	0.86	ppb
Calcium	44-1	8353.35	8579.69	8345.69	8426.24	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.70	13.25	13.51	13.48	1.68	ppb
Cobalt	59-2	13.26	13.15	13.38	13.26	0.87	ppb
Copper	63-2	1150.95	1179.83	1147.91	1159.56	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				110		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	54-2	13617.68	13731.99	13728.34	13692.67	0.47	ppb
Iron	56-2	13355.26	13669.33	13406.70	13477.10	1.25	ppb
Iron	57-2	13005.63	13355.13	13255.07	13205.28	1.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-14DLX5	Instrumnet Name :	P8
Client Sample ID :	A06015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:33:23	DataFile Name :	243AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	334.49	310.39	319.23	321.37	3.79	ppb
Lead	207-1	314.79	295.88	303.89	304.85	3.11	ppb
Lead	208-1	312.75	306.67	308.49	309.30	1.01	ppb
Lithium	6-1				98		%
Magnesium	24-2	1303.77	1313.93	1297.15	1304.95	0.65	ppb
Manganese	55-2	406.91	412.98	408.89	409.60	0.76	ppb
Molybdenum	94-1	1.65	1.72	1.71	1.69	2.37	ppb
Molybdenum	95-1	0.28	0.30	0.32	0.30	5.42	ppb
Molybdenum	96-1	0.70	0.67	0.72	0.70	3.43	ppb
Molybdenum	97-1	0.29	0.28	0.29	0.28	2.40	ppb
Molybdenum	98-1	0.28	0.31	0.27	0.29	7.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.18	58.60	58.34	58.71	0.73	ppb
Phosphorus	31-2	-25.32	-6.96	-23.82	-18.70		ppb
Potassium	39-2	1124.50	1063.00	1077.58	1088.36	2.95	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	4.74	3.83	3.75	4.11	13.29	ppb
Selenium	77-2	4.90	4.50	3.61	4.34	15.24	ppb
Selenium	78-2	2.85	3.14	3.83	3.28	15.33	ppb
Silicon	28-1	22.11	14.56	18.32	18.33	20.59	ppb
Silver	107-1	0.15	0.19	0.18	0.17	10.66	ppb
Silver	109-1	0.17	0.19	0.21	0.19	9.62	ppb
Sodium	23-2	1275.88	1238.35	1271.32	1261.85	1.62	ppb
Strontium	86-1	58.85	58.88	59.39	59.04	0.51	ppb
Strontium	88-1	59.04	59.96	58.84	59.28	1.01	ppb
Sulfur	34-1	1994.42	2304.42	2466.35	2255.06	10.63	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.17	0.20	0.18	0.18	9.83	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	2.28	ppb
Tin	118-1	0.96	0.88	1.10	0.98	11.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-14DLX5	Instrumnet Name :	P8
Client Sample ID :	A06015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:33:23	DataFile Name :	243AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.39	24.52	11.78	15.23	53.41	ppb
Uranium	238-1	0.34	0.32	0.35	0.33	4.78	ppb
Vanadium	51-2	2.13	2.21	2.17	2.17	1.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	1285.40	1311.37	1298.28	1298.35	1.00	ppb
Zirconium	90-1	0.73	0.80	0.78	0.77	4.19	ppb
Zirconium	91-1	0.75	1.13	0.87	0.92	21.39	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-15DLX5	Instrumnet Name :	P8
Client Sample ID :	A06135DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:36:20	DataFile Name :	244AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3218.04	3256.77	3181.11	3218.64	1.18	ppb
Antimony	121-1	0.30	0.35	0.34	0.33	6.95	ppb
Arsenic	75-2	7.99	7.78	8.16	7.97	2.38	ppb
Barium	135-1	47.54	50.20	47.97	48.57	2.95	ppb
Barium	137-1	49.54	50.05	48.69	49.43	1.39	ppb
Beryllium	9-1	0.29	0.33	0.30	0.31	6.51	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	5.55	5.51	5.92	5.66	4.04	ppb
Boron	11-1	5.89	6.29	6.19	6.12	3.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.15	0.10	0.12	18.19	ppb
Cadmium	106-1	0.51	0.40	-0.33	0.19	237.76	ppb
Cadmium	108-1	0.42	0.24	0.53	0.40	37.06	ppb
Calcium	43-1	21962.86	20884.18	19855.31	20900.78	5.04	ppb
Calcium	44-1	21003.07	21198.85	20435.17	20879.03	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.47	14.52	14.26	14.42	0.96	ppb
Cobalt	59-2	4.57	4.69	4.56	4.60	1.60	ppb
Copper	63-2	12.25	12.60	12.45	12.43	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				106		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	8198.78	8241.87	8309.40	8250.02	0.68	ppb
Iron	56-2	8424.63	8639.19	8614.19	8559.34	1.37	ppb
Iron	57-2	8248.51	8395.58	8302.68	8315.59	0.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-15DLX5	Instrumnet Name :	P8
Client Sample ID :	A06135DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:36:20	DataFile Name :	244AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	16.00	14.60	15.17	15.26	4.63	ppb
Lead	207-1	14.99	14.61	14.64	14.75	1.46	ppb
Lead	208-1	15.27	14.76	14.80	14.94	1.89	ppb
Lithium	6-1				100		%
Magnesium	24-2	1569.35	1610.34	1580.33	1586.67	1.34	ppb
Manganese	55-2	164.71	164.63	164.51	164.62	0.06	ppb
Molybdenum	94-1	10.42	10.43	10.22	10.36	1.19	ppb
Molybdenum	95-1	2.96	2.93	3.06	2.98	2.29	ppb
Molybdenum	96-1	3.72	3.83	3.96	3.84	3.09	ppb
Molybdenum	97-1	2.81	3.17	2.91	2.96	6.35	ppb
Molybdenum	98-1	2.92	2.87	2.89	2.89	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.54	10.43	10.81	10.59	1.81	ppb
Phosphorus	31-2	54.71	50.10	71.33	58.71	19.02	ppb
Potassium	39-2	925.77	917.98	898.82	914.19	1.52	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	4.31	4.59	3.63	4.18	11.80	ppb
Selenium	77-2	4.71	4.63	3.83	4.39	11.06	ppb
Selenium	78-2	3.44	1.92	3.58	2.98	30.97	ppb
Silicon	28-1	21.18	29.43	34.33	28.32	23.46	ppb
Silver	107-1	0.03	0.04	0.05	0.04	31.19	ppb
Silver	109-1	0.03	0.03	0.02	0.03	12.21	ppb
Sodium	23-2	1651.36	1792.61	1672.39	1705.45	4.47	ppb
Strontium	86-1	132.40	135.28	138.40	135.36	2.22	ppb
Strontium	88-1	133.95	138.41	137.92	136.76	1.79	ppb
Sulfur	34-1	4588.73	4021.07	4256.18	4288.66	6.65	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.18	0.19	0.15	0.17	12.97	ppb
Thallium	205-1	0.18	0.15	0.17	0.17	7.88	ppb
Tin	118-1	0.27	0.31	0.26	0.28	9.44	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-15DLX5	Instrumnet Name :	P8
Client Sample ID :	A06135DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:36:20	DataFile Name :	244AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	34.37	33.50	35.05	34.31	2.26	ppb
Uranium	238-1	0.36	0.30	0.32	0.33	10.05	ppb
Vanadium	51-2	6.37	6.37	6.32	6.35	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	35.84	36.08	36.51	36.14	0.93	ppb
Zirconium	90-1	4.58	4.06	4.34	4.33	6.03	ppb
Zirconium	91-1	3.97	4.16	4.68	4.27	8.60	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A09015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:39:15	DataFile Name :	245AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1232.30	1218.61	1271.34	1240.75	2.21	ppb
Antimony	121-1	0.74	0.72	0.79	0.75	4.74	ppb
Arsenic	75-2	16.86	17.25	17.02	17.04	1.13	ppb
Barium	135-1	18.28	17.81	17.70	17.93	1.72	ppb
Barium	137-1	17.63	17.79	17.75	17.72	0.49	ppb
Beryllium	9-1	0.17	0.16	0.15	0.16	6.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	3.04	2.91	2.77	2.91	4.63	ppb
Boron	11-1	3.08	2.99	2.91	2.99	2.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.05	0.03	0.04	23.87	ppb
Cadmium	106-1	-0.79	-1.31	-1.65	-1.25		ppb
Cadmium	108-1	0.09	0.02	0.06	0.05	62.68	ppb
Calcium	43-1	1850.78	1902.96	1884.28	1879.34	1.41	ppb
Calcium	44-1	1876.25	1847.96	1942.80	1889.00	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.35	5.47	5.38	5.40	1.15	ppb
Cobalt	59-2	1.42	1.43	1.45	1.43	1.24	ppb
Copper	63-2	8.10	7.78	8.27	8.05	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				109		%
Iron	54-2	9138.43	9051.73	9311.99	9167.38	1.45	ppb
Iron	56-2	9230.70	9113.36	9073.65	9139.23	0.89	ppb
Iron	57-2	8886.42	8798.35	8863.29	8849.35	0.52	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A09015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:39:15	DataFile Name :	245AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11.07	11.72	11.65	11.48	3.10	ppb
Lead	207-1	11.03	11.03	11.01	11.03	0.12	ppb
Lead	208-1	11.13	11.07	11.27	11.16	0.92	ppb
Lithium	6-1				101		%
Magnesium	24-2	185.79	179.21	184.07	183.02	1.86	ppb
Manganese	55-2	27.01	26.64	26.76	26.80	0.72	ppb
Molybdenum	94-1	5.33	5.20	5.33	5.29	1.48	ppb
Molybdenum	95-1	2.52	2.56	2.53	2.54	0.71	ppb
Molybdenum	96-1	2.99	2.89	2.94	2.94	1.69	ppb
Molybdenum	97-1	2.57	2.48	2.68	2.58	3.92	ppb
Molybdenum	98-1	2.50	2.51	2.55	2.52	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.67	4.61	4.63	4.64	0.58	ppb
Phosphorus	31-2	28.49	28.84	6.91	21.41	58.67	ppb
Potassium	39-2	921.71	930.53	957.77	936.67	2.01	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	8.17	7.99	8.29	8.15	1.83	ppb
Selenium	77-2	10.91	10.02	7.83	9.58	16.55	ppb
Selenium	78-2	6.11	7.64	7.11	6.95	11.16	ppb
Silicon	28-1	11.27	39.02	24.51	24.94	55.66	ppb
Silver	107-1	0.03	0.02	0.02	0.02	20.54	ppb
Silver	109-1	0.02	0.02	0.02	0.02	1.70	ppb
Sodium	23-2	193.59	192.53	203.00	196.37	2.93	ppb
Strontium	86-1	26.40	24.90	25.78	25.69	2.93	ppb
Strontium	88-1	26.82	25.48	25.91	26.07	2.62	ppb
Sulfur	34-1	5431.00	5495.49	5620.61	5515.70	1.75	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.14	0.12	0.12	0.13	9.53	ppb
Thallium	205-1	0.12	0.13	0.14	0.13	4.26	ppb
Tin	118-1	0.26	0.31	0.25	0.27	11.87	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A09015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:39:15	DataFile Name :	245AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.79	30.32	28.34	22.48	52.92	ppb
Uranium	238-1	0.18	0.18	0.17	0.18	1.73	ppb
Vanadium	51-2	3.60	3.54	3.67	3.61	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	18.83	18.78	19.29	18.96	1.49	ppb
Zirconium	90-1	1.63	1.61	1.59	1.61	1.47	ppb
Zirconium	91-1	1.98	1.67	1.65	1.76	10.55	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-17DLX5	Instrumnet Name :	P8
Client Sample ID :	A09145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:42:15	DataFile Name :	246AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1339.87	1414.17	1292.63	1348.89	4.54	ppb
Antimony	121-1	0.59	0.61	0.56	0.59	4.24	ppb
Arsenic	75-2	19.22	19.55	18.56	19.11	2.64	ppb
Barium	135-1	44.24	45.16	44.30	44.56	1.16	ppb
Barium	137-1	44.60	46.52	43.67	44.93	3.23	ppb
Beryllium	9-1	0.16	0.18	0.19	0.17	8.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	2.60	2.87	2.58	2.68	5.97	ppb
Boron	11-1	3.12	2.98	2.70	2.93	7.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.02	0.02	20.89	ppb
Cadmium	106-1	-0.32	-0.68	-0.53	-0.51		ppb
Cadmium	108-1	0.05	0.04	-0.08	0.00	1664.73	ppb
Calcium	43-1	350.49	356.62	370.26	359.12	2.82	ppb
Calcium	44-1	351.32	351.91	371.00	358.08	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.74	3.79	3.63	3.72	2.17	ppb
Cobalt	59-2	1.14	1.24	1.18	1.19	4.08	ppb
Copper	63-2	14.57	15.68	14.31	14.85	4.88	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				110		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	9472.37	10150.22	9154.48	9592.36	5.30	ppb
Iron	56-2	9659.07	10238.11	9642.21	9846.47	3.45	ppb
Iron	57-2	9361.63	9592.05	8970.71	9308.13	3.37	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-17DLX5	Instrumnet Name :	P8
Client Sample ID :	A09145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:42:15	DataFile Name :	246AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	71.00	70.59	69.70	70.43	0.94	ppb
Lead	207-1	67.31	69.50	66.49	67.77	2.29	ppb
Lead	208-1	69.44	69.47	66.91	68.61	2.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	75.76	78.88	73.77	76.14	3.38	ppb
Manganese	55-2	9.54	10.08	9.43	9.68	3.61	ppb
Molybdenum	94-1	5.90	5.73	5.80	5.81	1.42	ppb
Molybdenum	95-1	2.51	2.42	2.40	2.44	2.29	ppb
Molybdenum	96-1	3.03	2.99	3.00	3.01	0.82	ppb
Molybdenum	97-1	2.34	2.44	2.67	2.48	6.65	ppb
Molybdenum	98-1	2.42	2.49	2.54	2.48	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.08	4.25	3.86	4.06	4.79	ppb
Phosphorus	31-2	-6.39	24.87	15.73	11.40	140.95	ppb
Potassium	39-2	1238.62	1310.61	1209.17	1252.80	4.17	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	6.91	8.53	7.99	7.81	10.54	ppb
Selenium	77-2	9.50	7.61	13.66	10.26	30.18	ppb
Selenium	78-2	7.90	7.68	6.56	7.38	9.75	ppb
Silicon	28-1	26.64	30.89	29.49	29.01	7.46	ppb
Silver	107-1	0.14	0.15	0.16	0.15	5.37	ppb
Silver	109-1	0.13	0.15	0.15	0.14	7.66	ppb
Sodium	23-2	134.05	152.74	134.00	140.26	7.70	ppb
Strontium	86-1	13.09	13.92	14.18	13.73	4.13	ppb
Strontium	88-1	13.96	13.95	14.50	14.14	2.23	ppb
Sulfur	34-1	5621.25	5398.26	5989.91	5669.81	5.27	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.43	0.44	0.40	0.42	4.28	ppb
Thallium	205-1	0.43	0.42	0.42	0.42	1.58	ppb
Tin	118-1	0.50	0.57	0.51	0.53	6.62	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-17DLX5	Instrumnet Name :	P8
Client Sample ID :	A09145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:42:15	DataFile Name :	246AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	17.65	9.25	7.96	11.62	45.30	ppb
Uranium	238-1	0.25	0.23	0.24	0.24	4.26	ppb
Vanadium	51-2	6.16	6.55	5.83	6.18	5.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	10.33	10.51	10.75	10.53	2.04	ppb
Zirconium	90-1	1.93	1.96	1.97	1.95	1.14	ppb
Zirconium	91-1	1.91	2.18	2.13	2.08	6.93	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A10015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:45:15	DataFile Name :	247AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6450.70	6378.04	6360.26	6396.33	0.75	ppb
Antimony	121-1	0.07	0.08	0.10	0.08	16.32	ppb
Arsenic	75-2	0.79	0.82	0.80	0.80	1.98	ppb
Barium	135-1	162.70	166.93	172.61	167.41	2.97	ppb
Barium	137-1	162.24	171.30	170.02	167.86	2.92	ppb
Beryllium	9-1	2.52	2.45	2.45	2.47	1.67	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	2.49	2.23	2.33	2.35	5.43	ppb
Boron	11-1	2.46	2.32	2.39	2.39	2.93	ppb
Bromine	81-1						cps
Cadmium	111-1	2.03	2.23	2.20	2.15	4.97	ppb
Cadmium	106-1	0.92	0.40	0.11	0.47	86.54	ppb
Cadmium	108-1	1.83	1.71	2.12	1.89	11.37	ppb
Calcium	43-1	4304.02	4157.00	4267.52	4242.84	1.80	ppb
Calcium	44-1	4145.08	4218.12	4182.39	4181.86	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.63	13.25	13.96	13.61	2.62	ppb
Cobalt	59-2	13.87	13.83	13.92	13.87	0.36	ppb
Copper	63-2	95.80	97.57	99.00	97.46	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				112		%
Indium	115-2				113		%
Iron	54-2	22750.71	23512.51	23083.66	23115.63	1.65	ppb
Iron	56-2	23438.07	23105.03	23109.83	23217.64	0.82	ppb
Iron	57-2	24122.46	23576.36	23612.13	23770.32	1.29	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A10015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:45:15	DataFile Name :	247AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	59.87	60.90	61.84	60.87	1.61	ppb
Lead	207-1	57.54	60.90	59.75	59.39	2.87	ppb
Lead	208-1	58.60	60.74	60.00	59.78	1.82	ppb
Lithium	6-1				99		%
Magnesium	24-2	538.31	517.62	506.83	520.92	3.07	ppb
Manganese	55-2	766.05	808.76	805.84	793.55	3.01	ppb
Molybdenum	94-1	3.18	3.25	3.07	3.16	2.88	ppb
Molybdenum	95-1	0.56	0.58	0.57	0.57	2.01	ppb
Molybdenum	96-1	1.33	1.32	1.36	1.33	1.74	ppb
Molybdenum	97-1	0.52	0.55	0.50	0.52	4.19	ppb
Molybdenum	98-1	0.51	0.53	0.51	0.52	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.60	40.57	40.12	40.10	1.21	ppb
Phosphorus	31-2	30.24	11.59	37.83	26.55	50.84	ppb
Potassium	39-2	643.59	629.95	635.80	636.45	1.08	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	3.78	3.57	3.48	3.61	4.16	ppb
Selenium	77-2	5.43	10.97	9.25	8.55	33.20	ppb
Selenium	78-2	3.17	3.87	3.40	3.48	10.26	ppb
Silicon	28-1	13.91	11.59	10.09	11.86	16.22	ppb
Silver	107-1	0.05	0.04	0.05	0.05	8.74	ppb
Silver	109-1	0.04	0.05	0.05	0.05	5.08	ppb
Sodium	23-2	128.27	125.88	124.36	126.17	1.56	ppb
Strontium	86-1	50.52	53.91	51.97	52.14	3.26	ppb
Strontium	88-1	53.00	54.12	53.12	53.41	1.15	ppb
Sulfur	34-1	1273.33	1101.35	1268.90	1214.53	8.07	ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.17	0.19	0.19	0.19	6.20	ppb
Thallium	205-1	0.18	0.19	0.17	0.18	5.13	ppb
Tin	118-1	0.10	0.10	0.16	0.12	28.89	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A10015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:45:15	DataFile Name :	247AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.01	8.21	7.29	7.51	8.37	ppb
Uranium	238-1	0.55	0.54	0.55	0.55	1.67	ppb
Vanadium	51-2	29.30	28.99	29.14	29.15	0.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	266.82	269.03	264.19	266.68	0.91	ppb
Zirconium	90-1	1.39	1.55	1.39	1.44	6.49	ppb
Zirconium	91-1	1.39	1.41	1.36	1.39	1.78	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:48:12	DataFile Name :	248CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48190.67	47755.03	49203.97	48383.22	1.54	ppb
Antimony	121-1	522.98	524.25	522.66	523.30	0.16	ppb
Arsenic	75-2	530.28	519.49	525.51	525.09	1.03	ppb
Barium	135-1	2478.90	2534.82	2545.48	2519.73	1.42	ppb
Barium	137-1	2379.59	2441.34	2479.79	2433.58	2.08	ppb
Beryllium	9-1	541.39	544.09	526.21	537.23	1.79	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	489.10	514.83	534.36	512.77	4.43	ppb
Boron	11-1	471.87	511.55	521.33	501.58	5.22	ppb
Bromine	81-1						cps
Cadmium	111-1	463.79	469.54	490.73	474.68	2.99	ppb
Cadmium	106-1	483.32	482.21	469.11	478.21	1.65	ppb
Cadmium	108-1	482.22	492.87	475.06	483.38	1.85	ppb
Calcium	43-1	228037.22	216503.28	226440.79	223660.43	2.79	ppb
Calcium	44-1	235297.26	221127.71	225251.57	227225.51	3.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	484.02	482.41	471.63	479.35	1.41	ppb
Cobalt	59-2	493.98	474.62	475.13	481.24	2.29	ppb
Copper	63-2	4873.70	4809.15	4797.22	4826.69	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	125250.13	120636.76	122121.10	122669.33	1.92	ppb
Iron	56-2	125994.02	125639.96	126044.07	125892.68	0.17	ppb
Iron	57-2	126737.25	123129.23	126367.45	125411.31	1.58	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:48:12	DataFile Name :	248CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2507.32	2549.42	2504.57	2520.43	1.00	ppb
Lead	207-1	2485.72	2513.37	2485.75	2494.95	0.64	ppb
Lead	208-1	2505.06	2544.31	2481.93	2510.43	1.26	ppb
Lithium	6-1				89		%
Magnesium	24-2	248194.03	241349.12	241687.97	243743.71	1.58	ppb
Manganese	55-2	4880.49	4690.99	4826.80	4799.43	2.04	ppb
Molybdenum	94-1	4795.48	4719.00	4785.02	4766.50	0.87	ppb
Molybdenum	95-1	4903.09	4690.86	4892.02	4828.66	2.47	ppb
Molybdenum	96-1	4873.86	4684.73	4830.02	4796.20	2.06	ppb
Molybdenum	97-1	4776.81	4672.21	4761.36	4736.79	1.19	ppb
Molybdenum	98-1	4863.65	4612.86	4668.65	4715.05	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.16	474.18	463.97	471.43	1.39	ppb
Phosphorus	31-2	9466.96	9397.39	9274.30	9379.55	1.04	ppb
Potassium	39-2	117728.45	119074.55	119023.13	118608.71	0.64	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	484.75	478.34	484.32	482.47	0.74	ppb
Selenium	77-2	522.40	514.12	516.65	517.73	0.82	ppb
Selenium	78-2	507.84	487.80	513.84	503.16	2.71	ppb
Silicon	28-1	481.20	505.61	480.64	489.15	2.91	ppb
Silver	107-1	504.54	493.87	492.70	497.03	1.31	ppb
Silver	109-1	494.68	498.22	500.49	497.80	0.59	ppb
Sodium	23-2	239000.57	239764.37	242044.17	240269.70	0.66	ppb
Strontium	86-1	486.27	485.85	483.67	485.26	0.29	ppb
Strontium	88-1	481.00	479.99	475.44	478.81	0.62	ppb
Sulfur	34-1	9165.71	9539.73	8330.94	9012.13	6.87	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	482.47	518.65	489.30	496.81	3.87	ppb
Thallium	205-1	507.02	514.95	492.65	504.87	2.24	ppb
Tin	118-1	491.19	498.76	483.12	491.03	1.59	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:48:12	DataFile Name :	248CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4845.87	4743.12	4651.21	4746.73	2.05	ppb
Uranium	238-1	494.27	508.18	483.82	495.42	2.47	ppb
Vanadium	51-2	512.51	493.41	473.59	493.17	3.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	4886.77	4863.22	4697.72	4815.90	2.14	ppb
Zirconium	90-1	483.76	480.00	483.00	482.25	0.41	ppb
Zirconium	91-1	481.15	474.21	483.35	479.57	1.00	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:51:52	DataFile Name :	249CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.04	-0.95	-1.15	-1.05		ppb
Antimony	121-1	0.31	0.30	0.32	0.31	4.53	ppb
Arsenic	75-2	0.02	0.02	0.04	0.02	40.33	ppb
Barium	135-1	0.14	0.09	0.11	0.11	22.73	ppb
Barium	137-1	0.12	0.10	0.09	0.10	12.54	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	9.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	17.31	17.64	16.86	17.27	2.28	ppb
Boron	11-1	18.01	18.71	18.45	18.39	1.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.02	0.01	0.00		ppb
Cadmium	106-1	-1.91	-2.76	-1.17	-1.95		ppb
Cadmium	108-1	-0.21	-0.05	-0.16	-0.14		ppb
Calcium	43-1	10.19	8.06	6.34	8.20	23.51	ppb
Calcium	44-1	9.77	7.67	7.23	8.22	16.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.12	-0.12	-0.10		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	54.81	ppb
Copper	63-2	0.17	0.14	0.17	0.16	9.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	7.72	7.37	8.08	7.72	4.64	ppb
Iron	56-2	8.17	7.87	8.42	8.15	3.42	ppb
Iron	57-2	7.10	8.64	9.34	8.36	13.73	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:51:52	DataFile Name :	249CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.15	0.16	0.17	9.22	ppb
Lead	207-1	0.17	0.15	0.16	0.16	6.21	ppb
Lead	208-1	0.16	0.14	0.15	0.15	7.23	ppb
Lithium	6-1				96		%
Magnesium	24-2	7.57	6.75	6.91	7.08	6.11	ppb
Manganese	55-2	0.14	0.15	0.11	0.14	15.64	ppb
Molybdenum	94-1	0.40	0.30	0.26	0.32	22.21	ppb
Molybdenum	95-1	0.40	0.29	0.30	0.33	19.32	ppb
Molybdenum	96-1	0.33	0.27	0.27	0.29	12.47	ppb
Molybdenum	97-1	0.34	0.27	0.28	0.29	12.95	ppb
Molybdenum	98-1	0.35	0.27	0.30	0.31	12.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-30.76	-34.63	-34.62	-33.34		ppb
Potassium	39-2	6.97	9.75	9.98	8.90	18.82	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.69	1.30	1.21	1.06	30.61	ppb
Selenium	77-2	1.24	0.00	1.34	0.86	86.80	ppb
Selenium	78-2	-1.14	0.32	-0.22	-0.35		ppb
Silicon	28-1	-2.05	-2.33	-2.33	-2.24		ppb
Silver	107-1	0.08	0.07	0.07	0.07	9.74	ppb
Silver	109-1	0.08	0.07	0.06	0.07	15.85	ppb
Sodium	23-2	14.73	13.67	11.05	13.15	14.44	ppb
Strontium	86-1	-0.28	-0.40	0.02	-0.22		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	9.83	ppb
Sulfur	34-1	-833.45	-895.80	-899.34	-876.20		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.04	0.05	0.05	8.59	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.09	ppb
Tin	118-1	0.01	0.02	0.00	0.01	111.36	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:51:52	DataFile Name :	249CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.25	0.18	0.16	0.20	23.11	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.57	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	37.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	0.22	0.04	0.13	0.13	67.37	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	14.95	ppb
Zirconium	91-1	0.05	0.02	0.04	0.03	48.25	ppb

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:40:15	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	351	314	322	329	5.96	cps
Antimony	121-1	83	133	142	119	26.41	cps
Arsenic	75-2	12	6	8	9	35.25	cps
Barium	135-1	42	42	58	47	20.37	cps
Barium	137-1	100	67	58	75	29.39	cps
Beryllium	9-1	26	44	30	33	28.36	cps
Bismuth	209-1	9109039	9611864	9304759	9341887	2.71	cps
Bismuth	209-2	4031846	3943894	4026958	4000899	1.24	cps
Boron	10-1	1428	1350	1532	1436	6.36	cps
Boron	11-1	6004	6480	6274	6253	3.82	cps
Bromine	81-1	76616	71622	71805	73348	3.86	cps
Cadmium	111-1	1527	1429	1410	1455	4.30	cps
Cadmium	106-1	7477	7194	7344	7338	1.93	cps
Cadmium	108-1	63	92	125	93	33.61	cps
Calcium	43-1	300	315	281	299	5.66	cps
Calcium	44-1	16223	15727	15645	15865	1.97	cps
Carbon	12-1	10369725	10623286	10503932	10498981	1.21	cps
Carbon	12-2	102635	101759	99571	101322	1.56	cps
Chlorine	35-1	277537	274604	279145	277095	0.83	cps
Chlorine	35-2	1408	1600	1808	1606	12.46	cps
Chromium	52-2	1577	1557	1410	1515	6.01	cps
Cobalt	59-2	107	100	67	91	23.52	cps
Copper	63-2	813	853	797	821	3.55	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	133	125	100	119	14.53	cps
Erbium	164-2	40	30	40	37	15.75	cps
Gadolinium	160-1	100	75	100	92	15.75	cps
Gadolinium	160-2	117	110	93	107	11.27	cps
Holmium	165-1	15695988	15830959	15779065	15768671	0.43	cps
Holmium	165-2	5604249	5545916	5676011	5608725	1.16	cps
Indium	115-1	14634464	15276945	14528610	14813340	2.73	cps
Indium	115-2	1911512	1938222	1975561	1941765	1.66	cps
Iron	54-2	700	783	767	750	5.88	cps
Iron	56-2	6457	6457	6413	6442	0.40	cps
Iron	57-2	206	183	117	169	27.45	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:40:15	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13760	13789	13964	13838	0.80	cps
Lead	206-1	956	861	833	883	7.25	cps
Lead	207-1	917	794	906	872	7.75	cps
Lead	208-1	3667	3739	3867	3758	2.70	cps
Lithium	6-1	8859171	8965009	9434733	9086304	3.37	cps
Magnesium	24-2	542	292	350	394	33.16	cps
Manganese	55-2	150	63	127	113	39.57	cps
Molybdenum	94-1	400	417	417	411	2.34	cps
Molybdenum	95-1	92	58	100	83	26.46	cps
Molybdenum	96-1	500	475	558	511	8.37	cps
Molybdenum	97-1	83	58	33	58	42.86	cps
Molybdenum	98-1	208	175	142	175	19.05	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	67	97	77	80	19.09	cps
Phosphorus	31-2	233	192	258	228	14.79	cps
Potassium	39-2	18279	18454	18863	18532	1.62	cps
Rhodium	103-1	13932811	14018629	14181451	14044297	0.90	cps
Rhodium	103-2	5159494	5024740	5149150	5111128	1.47	cps
Scandium	45-1	12046946	11938093	11889183	11958074	0.68	cps
Scandium	45-2	301974	306337	306426	304912	0.83	cps
Selenium	82-1	-440	-352	-109	-300	-57.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	132	112	123	122	8.19	cps
Silicon	28-1	833054	829693	839913	834220	0.62	cps
Silver	107-1	150	158	117	142	15.56	cps
Silver	109-1	75	92	8	58	75.60	cps
Sodium	23-2	16510	17352	17619	17161	3.37	cps
Strontium	86-1	21876	21985	22218	22026	0.79	cps
Strontium	88-1	525	408	542	492	14.78	cps
Sulfur	34-1	448477	431121	435788	438462	2.05	cps
Terbium	159-1	16515359	17273278	16877573	16888736	2.24	cps
Terbium	159-2	5534461	5607382	5698753	5613532	1.47	cps
Thallium	203-1	525	642	567	578	10.23	cps
Thallium	205-1	1417	1242	1517	1392	10.00	cps
Tin	118-1	1934	1884	1592	1803	10.24	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:40:15	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	492	383	433	12.61	cps
Uranium	238-1	67	58	17	47	56.72	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Ytterbium	172-1	125	83	67	92	32.77	cps
Ytterbium	172-2	56	44	56	52	12.37	cps
Ytterbium	176-1	2700	2242	2342	2428	9.93	cps
Ytterbium	176-2	6691	7096	7352	7046	4.73	cps
Yttrium	89-1	25078705	24904038	23889373	24624039	2.61	cps
Yttrium	89-2	2293136	2294202	2263806	2283715	0.76	cps
Zinc	66-2	173	203	187	188	8.00	cps
Zirconium	90-1	1083	1200	1175	1153	5.33	cps
Zirconium	91-1	192	217	167	192	13.04	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:46:24	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2067	2022	2004	2031	1.61	cps
Antimony	121-1	20132	19973	19681	19929	1.15	cps
Arsenic	75-2	334	315	311	320	3.84	cps
Barium	135-1	29015	28213	27704	28311	2.34	cps
Barium	137-1	49617	49675	48663	49319	1.15	cps
Beryllium	9-1	5134	4968	5330	5144	3.52	cps
Bismuth	209-1	9471944	9524714	9178325	9391661	1.99	cps
Bismuth	209-2	4026820	4071151	3938217	4012062	1.69	cps
Boron	10-1	18034	19639	19802	19158	5.10	cps
Boron	11-1	82448	87228	90242	86640	4.54	cps
Bromine	81-1	71946	73933	74771	73550	1.97	cps
Cadmium	111-1	4631	4749	4732	4704	1.35	cps
Cadmium	106-1	7711	7394	6869	7324	5.81	cps
Cadmium	108-1	338	413	358	369	10.48	cps
Calcium	43-1	25075	25183	24632	24963	1.17	cps
Calcium	44-1	418772	416357	409861	414997	1.11	cps
Carbon	12-1	10138565	10055855	10096161	10096860	0.41	cps
Carbon	12-2	97499	95560	97306	96789	1.10	cps
Chlorine	35-1	236050	227787	233637	232491	1.83	cps
Chlorine	35-2	1625	1558	1492	1558	4.28	cps
Chromium	52-2	7439	7652	7449	7513	1.60	cps
Cobalt	59-2	5641	5604	5448	5564	1.85	cps
Copper	63-2	9540	9670	9583	9598	0.69	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	42	108	92	81	43.07	cps
Erbium	164-2	47	47	47	47	0.00	cps
Gadolinium	160-1	92	125	67	94	30.99	cps
Gadolinium	160-2	100	140	90	110	24.05	cps
Holmium	165-1	15952655	16153827	15382128	15829537	2.53	cps
Holmium	165-2	5813218	5816045	5712714	5780659	1.02	cps
Indium	115-1	14753572	15100839	15051921	14968777	1.26	cps
Indium	115-2	2094649	2077390	1968623	2046887	3.34	cps
Iron	54-2	7358	7925	8052	7778	4.75	cps
Iron	56-2	135697	131731	133846	133758	1.48	cps
Iron	57-2	3328	3200	3073	3200	3.99	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:46:24	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13442	13313	13422	13393	0.52	cps
Lead	206-1	8881	8964	8909	8918	0.48	cps
Lead	207-1	7941	7819	7274	7678	4.63	cps
Lead	208-1	36115	35509	35515	35713	0.98	cps
Lithium	6-1	8152806	8839943	8683775	8558841	4.21	cps
Magnesium	24-2	133462	132108	130978	132182	0.94	cps
Manganese	55-2	1827	1780	1907	1838	3.49	cps
Molybdenum	94-1	27211	27052	27745	27336	1.33	cps
Molybdenum	95-1	32455	33207	32288	32650	1.50	cps
Molybdenum	96-1	36415	36900	37585	36967	1.59	cps
Molybdenum	97-1	19865	20583	20073	20173	1.83	cps
Molybdenum	98-1	53588	53253	50334	52392	3.42	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1653	1530	1667	1617	4.66	cps
Phosphorus	31-2	275	408	267	317	25.10	cps
Potassium	39-2	115671	114628	114109	114803	0.69	cps
Rhodium	103-1	13948403	14416844	13718453	14027900	2.54	cps
Rhodium	103-2	5443302	4995913	5371296	5270170	4.56	cps
Scandium	45-1	11968296	12277593	11710844	11985577	2.37	cps
Scandium	45-2	313911	306122	311588	310540	1.29	cps
Selenium	82-1	1354	1525	1850	1576	16.01	cps
Selenium	77-2	60	47	33	47	28.58	cps
Selenium	78-2	277	263	259	266	3.55	cps
Silicon	28-1	894929	919727	930361	915006	1.99	cps
Silver	107-1	17787	18129	18513	18143	2.00	cps
Silver	109-1	16610	16302	16919	16610	1.86	cps
Sodium	23-2	259820	251916	248923	253553	2.22	cps
Strontium	86-1	25524	26142	26417	26028	1.76	cps
Strontium	88-1	40852	39189	39749	39930	2.12	cps
Sulfur	34-1	441879	436064	438404	438782	0.67	cps
Terbium	159-1	16260362	17457068	16585006	16767479	3.69	cps
Terbium	159-2	5685212	5645667	5750578	5693819	0.93	cps
Thallium	203-1	10688	10304	10463	10485	1.84	cps
Thallium	205-1	24515	25184	24315	24671	1.84	cps
Tin	118-1	55522	54092	53121	54245	2.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:46:24	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11547	11271	11563	11460	1.43	cps
Uranium	238-1	28825	29218	29677	29240	1.46	cps
Vanadium	51-2	12512	12319	12466	12432	0.81	cps
Ytterbium	172-1	42	50	67	53	24.12	cps
Ytterbium	172-2	17	39	28	28	39.99	cps
Ytterbium	176-1	2342	2375	1959	2225	10.41	cps
Ytterbium	176-2	7091	7213	7591	7298	3.57	cps
Yttrium	89-1	25057077	25320872	24695080	25024343	1.26	cps
Yttrium	89-2	2389253	2284847	2337732	2337277	2.23	cps
Zinc	66-2	1383	1440	1410	1411	2.01	cps
Zirconium	90-1	23537	23312	23804	23551	1.05	cps
Zirconium	91-1	5426	5251	4901	5193	5.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:49:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	99476	98872	98340	98896	0.57	cps
Antimony	121-1	526649	534003	536188	532280	0.94	cps
Arsenic	75-2	15526	15538	15692	15585	0.59	cps
Barium	135-1	740636	736342	746350	741109	0.68	cps
Barium	137-1	1300218	1269983	1295933	1288711	1.27	cps
Beryllium	9-1	258021	250854	252792	253889	1.46	cps
Bismuth	209-1	9386651	9151256	9597713	9378540	2.38	cps
Bismuth	209-2	4145305	3969440	4110140	4074961	2.28	cps
Boron	10-1	64253	68143	69259	67218	3.91	cps
Boron	11-1	278486	290385	304507	291126	4.47	cps
Bromine	81-1	75639	76555	79129	77108	2.35	cps
Cadmium	111-1	167337	171703	171551	170197	1.46	cps
Cadmium	106-1	26418	26242	27336	26665	2.20	cps
Cadmium	108-1	13865	14771	14337	14324	3.16	cps
Calcium	43-1	259453	258985	261421	259953	0.50	cps
Calcium	44-1	4168850	4243039	4153636	4188509	1.14	cps
Carbon	12-1	9436349	9513259	9183023	9377544	1.84	cps
Carbon	12-2	92608	89640	89263	90503	2.02	cps
Chlorine	35-1	213293	210834	216111	213413	1.24	cps
Chlorine	35-2	1375	1283	1258	1306	4.71	cps
Chromium	52-2	157360	160778	157200	158446	1.28	cps
Cobalt	59-2	285971	278846	286736	283851	1.53	cps
Copper	63-2	2203819	2231527	2246575	2227307	0.97	cps
Dysprosium	156-1	67	83	58	69	18.34	cps
Dysprosium	156-2	13	33	17	21	50.75	cps
Erbium	164-1	75	125	75	92	31.49	cps
Erbium	164-2	33	40	47	40	16.68	cps
Gadolinium	160-1	100	117	167	128	27.15	cps
Gadolinium	160-2	77	113	117	102	21.71	cps
Holmium	165-1	15818551	15804787	15765843	15796394	0.17	cps
Holmium	165-2	5635300	5760999	5879901	5758733	2.12	cps
Indium	115-1	15283801	14791542	15017418	15030920	1.64	cps
Indium	115-2	1988921	1987956	1984149	1987009	0.13	cps
Iron	54-2	370045	365152	368297	367832	0.67	cps
Iron	56-2	6623802	6586369	6742103	6650758	1.22	cps
Iron	57-2	165828	165423	164994	165415	0.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:49:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14132	13999	14243	14125	0.86	cps
Lead	206-1	2174338	2120016	2083740	2126031	2.14	cps
Lead	207-1	1857345	1790648	1869407	1839133	2.31	cps
Lead	208-1	8584452	8225618	8532053	8447374	2.29	cps
Lithium	6-1	8903597	9135063	9018876	9019179	1.28	cps
Magnesium	24-2	1364728	1360452	1386367	1370516	1.01	cps
Manganese	55-2	879684	891792	893891	888456	0.86	cps
Molybdenum	94-1	2363808	2309422	2276048	2316426	1.91	cps
Molybdenum	95-1	3264347	3287014	3214484	3255282	1.14	cps
Molybdenum	96-1	3564962	3583544	3576286	3574930	0.26	cps
Molybdenum	97-1	2044526	2015755	2024958	2028413	0.72	cps
Molybdenum	98-1	5267718	5132063	5235766	5211849	1.36	cps
Neodymium	150-1	33	73	73	60	38.49	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	79404	78632	78228	78755	0.76	cps
Phosphorus	31-2	5551	6110	6377	6013	7.01	cps
Potassium	39-2	533668	519389	527182	526746	1.36	cps
Rhodium	103-1	14352779	14231172	14337153	14307035	0.46	cps
Rhodium	103-2	5241705	5115125	5126011	5160947	1.36	cps
Scandium	45-1	11952606	12172852	11848678	11991379	1.38	cps
Scandium	45-2	310769	301263	306001	306011	1.55	cps
Selenium	82-1	15168	15180	14783	15044	1.50	cps
Selenium	77-2	423	430	360	404	9.55	cps
Selenium	78-2	1451	1409	1407	1423	1.75	cps
Silicon	28-1	5072542	5305316	5238809	5205556	2.30	cps
Silver	107-1	927072	935900	941465	934812	0.78	cps
Silver	109-1	878075	876493	876686	877084	0.10	cps
Sodium	23-2	2446698	2508002	2463317	2472672	1.28	cps
Strontium	86-1	260214	261019	260024	260419	0.20	cps
Strontium	88-1	2113942	2036698	2059896	2070179	1.91	cps
Sulfur	34-1	539854	543498	542299	541884	0.34	cps
Terbium	159-1	16463464	16577064	16609774	16550101	0.46	cps
Terbium	159-2	5729118	5766546	5760286	5751983	0.35	cps
Thallium	203-1	516740	518051	531378	522056	1.55	cps
Thallium	205-1	1253203	1266591	1241341	1253712	1.01	cps
Tin	118-1	551634	547013	558134	552261	1.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:49:27	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1130667	1135817	1118393	1128292	0.79	cps
Uranium	238-1	1558053	1581772	1552511	1564112	0.99	cps
Vanadium	51-2	125066	126269	123730	125021	1.02	cps
Ytterbium	172-1	92	108	175	125	35.28	cps
Ytterbium	172-2	28	22	33	28	20.00	cps
Ytterbium	176-1	4451	4067	4534	4351	5.72	cps
Ytterbium	176-2	7397	7897	8058	7784	4.43	cps
Yttrium	89-1	25539600	25653530	25174708	25455946	0.98	cps
Yttrium	89-2	2386190	2294868	2298963	2326673	2.22	cps
Zinc	66-2	277836	278402	281101	279113	0.63	cps
Zirconium	90-1	1205250	1242210	1225300	1224253	1.51	cps
Zirconium	91-1	272308	274496	267576	271460	1.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:52:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	249414	251682	247294	249463	0.88	cps
Antimony	121-1	1330632	1300538	1305856	1312342	1.22	cps
Arsenic	75-2	38632	38564	38417	38538	0.29	cps
Barium	135-1	1836642	1777510	1797526	1803893	1.67	cps
Barium	137-1	3151407	3156690	3095043	3134380	1.09	cps
Beryllium	9-1	626296	636090	644655	635681	1.45	cps
Bismuth	209-1	9208736	9633734	9468817	9437096	2.27	cps
Bismuth	209-2	4056170	4136573	4048798	4080513	1.19	cps
Boron	10-1	155181	169112	170408	164900	5.12	cps
Boron	11-1	690063	720048	747254	719122	3.98	cps
Bromine	81-1	71790	68802	71085	70559	2.21	cps
Cadmium	111-1	424919	428392	418939	424083	1.13	cps
Cadmium	106-1	56467	56225	55964	56219	0.45	cps
Cadmium	108-1	34673	34251	34815	34580	0.85	cps
Calcium	43-1	646121	656428	655087	652545	0.86	cps
Calcium	44-1	10557552	10649096	10303392	10503346	1.71	cps
Carbon	12-1	8977275	9253092	9305997	9178788	1.92	cps
Carbon	12-2	92248	86580	89489	89439	3.17	cps
Chlorine	35-1	197299	200902	198790	198997	0.91	cps
Chlorine	35-2	1383	1075	1217	1225	12.60	cps
Chromium	52-2	397681	400864	398267	398937	0.42	cps
Cobalt	59-2	711043	722838	707723	713868	1.11	cps
Copper	63-2	5708310	5568280	5631371	5635987	1.24	cps
Dysprosium	156-1	67	100	100	89	21.65	cps
Dysprosium	156-2	50	30	33	38	28.37	cps
Erbium	164-1	158	125	167	150	14.70	cps
Erbium	164-2	20	47	60	42	48.24	cps
Gadolinium	160-1	150	117	158	142	15.56	cps
Gadolinium	160-2	90	177	153	140	32.03	cps
Holmium	165-1	15896473	16219594	16236687	16117585	1.19	cps
Holmium	165-2	5959514	6172491	5859102	5997036	2.67	cps
Indium	115-1	14665895	15002739	15222153	14963596	1.87	cps
Indium	115-2	1966278	1990745	1994386	1983803	0.77	cps
Iron	54-2	934213	918283	924139	925545	0.87	cps
Iron	56-2	16712768	16805706	16438685	16652386	1.15	cps
Iron	57-2	422403	412471	408651	414509	1.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:52:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13240	14238	14816	14098	5.66	cps
Lead	206-1	5437031	5290062	5606714	5444602	2.91	cps
Lead	207-1	4625367	4556874	4888534	4690258	3.73	cps
Lead	208-1	21080222	20944282	21782490	21268998	2.12	cps
Lithium	6-1	8882209	9283417	8735316	8966981	3.16	cps
Magnesium	24-2	3463652	3460112	3401812	3441859	1.01	cps
Manganese	55-2	2288118	2279998	2304676	2290931	0.55	cps
Molybdenum	94-1	5671346	5691020	5654205	5672190	0.32	cps
Molybdenum	95-1	8083093	8196270	8217536	8165633	0.89	cps
Molybdenum	96-1	8794597	8938520	9081843	8938320	1.61	cps
Molybdenum	97-1	5056967	4883065	5084961	5008331	2.18	cps
Molybdenum	98-1	13037206	13064772	13139560	13080513	0.40	cps
Neodymium	150-1	160	147	167	158	6.45	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	194835	194690	192777	194101	0.59	cps
Phosphorus	31-2	13632	14107	14349	14029	2.60	cps
Potassium	39-2	1360189	1374977	1334401	1356522	1.51	cps
Rhodium	103-1	13872376	14123070	14085706	14027050	0.96	cps
Rhodium	103-2	5181793	5171939	5298519	5217417	1.35	cps
Scandium	45-1	12308610	12306406	11884144	12166387	2.01	cps
Scandium	45-2	309908	306438	306845	307730	0.62	cps
Selenium	82-1	37158	37643	38280	37694	1.49	cps
Selenium	77-2	1037	1063	977	1026	4.33	cps
Selenium	78-2	3333	3375	3402	3370	1.03	cps
Silicon	28-1	11710271	11802132	12395910	11969438	3.11	cps
Silver	107-1	2215506	2290306	2278857	2261557	1.78	cps
Silver	109-1	2154074	2172331	2200090	2175498	1.07	cps
Sodium	23-2	6487329	6386381	6238823	6370845	1.96	cps
Strontium	86-1	615947	615578	614602	615376	0.11	cps
Strontium	88-1	4987747	4931605	5000533	4973295	0.74	cps
Sulfur	34-1	694407	687840	693852	692033	0.53	cps
Terbium	159-1	16340362	17383922	16984935	16903073	3.12	cps
Terbium	159-2	5926677	5983704	5733425	5881269	2.23	cps
Thallium	203-1	1287073	1312416	1277312	1292267	1.40	cps
Thallium	205-1	3141043	3066859	3137575	3115159	1.34	cps
Tin	118-1	1328017	1325302	1398799	1350706	3.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2847375	2891906	2832650	2857310	1.08	cps
Uranium	238-1	3902279	4042975	3946147	3963800	1.82	cps
Vanadium	51-2	321025	317758	317236	318673	0.64	cps
Ytterbium	172-1	117	75	100	97	21.57	cps
Ytterbium	172-2	33	39	28	33	16.67	cps
Ytterbium	176-1	7452	7994	6927	7458	7.16	cps
Ytterbium	176-2	8764	9631	9331	9242	4.77	cps
Yttrium	89-1	24608273	25069989	24830192	24836151	0.93	cps
Yttrium	89-2	2380197	2327611	2360070	2355960	1.13	cps
Zinc	66-2	690469	686054	690765	689096	0.38	cps
Zirconium	90-1	2948862	2924899	2953138	2942300	0.52	cps
Zirconium	91-1	667316	673694	660119	667043	1.02	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:55:36	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	494203	495393	489749	493115	0.60	cps
Antimony	121-1	2601229	2602229	2686882	2630113	1.87	cps
Arsenic	75-2	76302	75998	75189	75830	0.76	cps
Barium	135-1	3582766	3527045	3758665	3622825	3.34	cps
Barium	137-1	6202314	6334705	6199725	6245581	1.24	cps
Beryllium	9-1	1300481	1254712	1344202	1299799	3.44	cps
Bismuth	209-1	9692504	9836275	9776644	9768474	0.74	cps
Bismuth	209-2	4090409	3950990	3951128	3997509	2.01	cps
Boron	10-1	311065	339092	337164	329107	4.76	cps
Boron	11-1	1353832	1343666	1452781	1383426	4.36	cps
Bromine	81-1	69406	72173	71197	70926	1.98	cps
Cadmium	111-1	832330	835847	831224	833134	0.29	cps
Cadmium	106-1	99434	104688	105767	103296	3.28	cps
Cadmium	108-1	67422	68180	69479	68360	1.52	cps
Calcium	43-1	1298003	1315383	1323230	1312206	0.98	cps
Calcium	44-1	20537261	20052421	21167287	20585656	2.72	cps
Carbon	12-1	9164135	9167096	9239565	9190265	0.46	cps
Carbon	12-2	90269	91267	90362	90633	0.61	cps
Chlorine	35-1	183320	182604	184103	183342	0.41	cps
Chlorine	35-2	1183	1108	1067	1120	5.28	cps
Chromium	52-2	779059	774352	773523	775645	0.38	cps
Cobalt	59-2	1414919	1374749	1400090	1396586	1.45	cps
Copper	63-2	10731917	10529075	10677584	10646192	0.99	cps
Dysprosium	156-1	192	208	267	222	17.72	cps
Dysprosium	156-2	63	67	63	64	2.99	cps
Erbium	164-1	225	117	217	186	32.39	cps
Erbium	164-2	40	50	60	50	20.00	cps
Gadolinium	160-1	275	308	233	272	13.81	cps
Gadolinium	160-2	153	143	160	152	5.51	cps
Holmium	165-1	17517992	16917133	16958933	17131352	1.96	cps
Holmium	165-2	6060276	5620966	5784883	5822042	3.81	cps
Indium	115-1	15692368	15305490	14968748	15322202	2.36	cps
Indium	115-2	1961670	1877102	1927845	1922206	2.21	cps
Iron	54-2	1911069	1906603	1882945	1900206	0.80	cps
Iron	56-2	32704208	32693022	33357526	32918252	1.16	cps
Iron	57-2	799653	815750	809275	808226	1.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:55:36	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13236	13137	13585	13319	1.77	cps
Lead	206-1	9942289	10550158	10619350	10370599	3.59	cps
Lead	207-1	8667401	9124121	8988903	8926808	2.63	cps
Lead	208-1	39973315	41898159	41678811	41183428	2.56	cps
Lithium	6-1	9566362	8555694	9589576	9237210	6.39	cps
Magnesium	24-2	6816953	6895198	6620938	6777696	2.08	cps
Manganese	55-2	4444554	4432215	4494794	4457188	0.74	cps
Molybdenum	94-1	11150842	10872969	11323973	11115928	2.05	cps
Molybdenum	95-1	16136011	15745618	15920402	15934010	1.23	cps
Molybdenum	96-1	17672560	17191899	17616086	17493515	1.50	cps
Molybdenum	97-1	9849712	9477626	9997061	9774800	2.74	cps
Molybdenum	98-1	25918518	24582960	25757538	25419672	2.87	cps
Neodymium	150-1	313	247	247	269	14.31	cps
Neodymium	150-2	23	10	23	19	40.75	cps
Nickel	60-2	386438	385570	380556	384188	0.83	cps
Phosphorus	31-2	28579	27785	27853	28072	1.57	cps
Potassium	39-2	2600716	2620951	2573597	2598421	0.91	cps
Rhodium	103-1	14610286	13908096	14246063	14254815	2.46	cps
Rhodium	103-2	5202131	4757963	4956549	4972214	4.47	cps
Scandium	45-1	12274407	11995776	12500184	12256789	2.06	cps
Scandium	45-2	310131	298700	298014	302282	2.25	cps
Selenium	82-1	73805	74163	74292	74086	0.34	cps
Selenium	77-2	1780	1733	1883	1799	4.27	cps
Selenium	78-2	6257	6494	6399	6383	1.87	cps
Silicon	28-1	21844410	22527842	23546854	22639702	3.78	cps
Silver	107-1	4358156	4469078	4528625	4451953	1.94	cps
Silver	109-1	4147773	4308112	4276621	4244169	2.00	cps
Sodium	23-2	12856711	12628747	12248707	12578055	2.44	cps
Strontium	86-1	1170774	1195159	1227882	1197938	2.39	cps
Strontium	88-1	9962838	9855388	9842733	9886986	0.67	cps
Sulfur	34-1	922923	950986	944103	939337	1.56	cps
Terbium	159-1	17814223	17675492	17018209	17502641	2.43	cps
Terbium	159-2	5922973	5540063	5690303	5717780	3.37	cps
Thallium	203-1	2611136	2565861	2666576	2614524	1.93	cps
Thallium	205-1	6114961	5944598	6162360	6073973	1.89	cps
Tin	118-1	2690321	2648598	2610128	2649682	1.51	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:55:36	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5491437	5519993	5510493	5507308	0.26	cps
Uranium	238-1	7821431	7993705	8051790	7955642	1.51	cps
Vanadium	51-2	628230	618506	629632	625456	0.97	cps
Ytterbium	172-1	142	67	183	131	45.28	cps
Ytterbium	172-2	44	50	44	46	6.92	cps
Ytterbium	176-1	13724	13190	13774	13563	2.39	cps
Ytterbium	176-2	10554	11038	11238	10944	3.21	cps
Yttrium	89-1	25800189	25339030	25069545	25402921	1.45	cps
Yttrium	89-2	2371291	2229930	2302175	2301132	3.07	cps
Zinc	66-2	1380092	1364320	1368332	1370915	0.60	cps
Zirconium	90-1	5771150	5730384	5853188	5784907	1.08	cps
Zirconium	91-1	1312507	1298118	1336522	1315716	1.47	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:58:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008925	990316	986407	995216	1.21	cps
Antimony	121-1	5306157	5105700	5151990	5187949	2.02	cps
Arsenic	75-2	154001	152845	152610	153152	0.49	cps
Barium	135-1	7387952	7366960	7481967	7412293	0.83	cps
Barium	137-1	12417643	12614428	13028256	12686776	2.46	cps
Beryllium	9-1	2626935	2615448	2598625	2613669	0.54	cps
Bismuth	209-1	9467702	9703137	9893482	9688107	2.20	cps
Bismuth	209-2	4189557	4034487	4163656	4129233	2.01	cps
Boron	10-1	654101	681294	695309	676902	3.10	cps
Boron	11-1	2537814	2869189	2846901	2751301	6.73	cps
Bromine	81-1	71802	71409	74513	72575	2.33	cps
Cadmium	111-1	1642800	1614760	1623022	1626861	0.89	cps
Cadmium	106-1	197271	199488	196470	197743	0.79	cps
Cadmium	108-1	136175	140270	137567	138004	1.51	cps
Calcium	43-1	2652620	2569812	2580846	2601092	1.73	cps
Calcium	44-1	41254016	41570259	41257143	41360473	0.44	cps
Carbon	12-1	9562650	9813649	9846105	9740801	1.59	cps
Carbon	12-2	97197	98481	100252	98643	1.55	cps
Chlorine	35-1	177468	173889	174123	175160	1.14	cps
Chlorine	35-2	1033	1208	1342	1195	12.95	cps
Chromium	52-2	1611292	1630251	1617689	1619744	0.60	cps
Cobalt	59-2	2887873	2871057	2783245	2847391	1.97	cps
Copper	63-2	22266500	21690708	21816732	21924647	1.38	cps
Dysprosium	156-1	433	408	433	425	3.40	cps
Dysprosium	156-2	117	123	113	118	4.32	cps
Erbium	164-1	250	167	233	217	20.35	cps
Erbium	164-2	60	53	83	66	24.03	cps
Gadolinium	160-1	400	267	325	331	20.22	cps
Gadolinium	160-2	197	180	163	180	9.26	cps
Holmium	165-1	17176222	16190545	16884068	16750279	3.02	cps
Holmium	165-2	5971298	5835495	6234833	6013875	3.38	cps
Indium	115-1	14845519	14892636	14967742	14901966	0.41	cps
Indium	115-2	1945144	1977990	1952904	1958679	0.88	cps
Iron	54-2	3751561	3701906	3701425	3718297	0.77	cps
Iron	56-2	66931197	66961567	66201261	66698008	0.65	cps
Iron	57-2	1681544	1718022	1647278	1682281	2.10	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:58:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12831	12754	12645	12743	0.73	cps
Lead	206-1	22016669	21398049	21767222	21727313	1.43	cps
Lead	207-1	19290871	18461366	19204066	18985434	2.40	cps
Lead	208-1	87528777	85928774	88476768	87311440	1.47	cps
Lithium	6-1	8760273	9198843	8781223	8913446	2.78	cps
Magnesium	24-2	13941902	14226001	13916975	14028293	1.22	cps
Manganese	55-2	8959366	8936125	8941560	8945684	0.14	cps
Molybdenum	94-1	23141771	22908392	23363856	23138006	0.98	cps
Molybdenum	95-1	32517659	32009177	33456522	32661119	2.25	cps
Molybdenum	96-1	36250389	36287488	35883827	36140568	0.62	cps
Molybdenum	97-1	20013649	20543374	20254135	20270386	1.31	cps
Molybdenum	98-1	52132987	52762381	52433973	52443114	0.60	cps
Neodymium	150-1	547	567	593	569	4.12	cps
Neodymium	150-2	33	43	53	43	23.08	cps
Nickel	60-2	756414	756468	743208	752030	1.02	cps
Phosphorus	31-2	57207	57172	56395	56925	0.81	cps
Potassium	39-2	5220645	4910681	5074610	5068646	3.06	cps
Rhodium	103-1	14003756	13866265	13799873	13889964	0.75	cps
Rhodium	103-2	5259698	5309003	5156186	5241629	1.49	cps
Scandium	45-1	12141541	12080784	12137569	12119965	0.28	cps
Scandium	45-2	309953	310043	308630	309542	0.26	cps
Selenium	82-1	150833	150373	149620	150275	0.41	cps
Selenium	77-2	3847	3587	3694	3709	3.52	cps
Selenium	78-2	12961	12586	12718	12755	1.49	cps
Silicon	28-1	42130466	43072461	43633358	42945428	1.77	cps
Silver	107-1	8642111	9116150	8772150	8843470	2.77	cps
Silver	109-1	8396903	8293340	8369107	8353117	0.64	cps
Sodium	23-2	25898082	26173941	25914189	25995404	0.60	cps
Strontium	86-1	2347670	2446378	2350777	2381608	2.36	cps
Strontium	88-1	19848170	20167532	20013422	20009708	0.80	cps
Sulfur	34-1	1231959	1252476	1257650	1247362	1.09	cps
Terbium	159-1	17496996	17924488	17517885	17646456	1.37	cps
Terbium	159-2	6048669	6142813	6017500	6069661	1.07	cps
Thallium	203-1	5176208	5244641	5388225	5269692	2.05	cps
Thallium	205-1	12349896	12374822	12395380	12373366	0.18	cps
Tin	118-1	5328901	5085045	5243153	5219033	2.37	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 12:58:42	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10886663	10941410	10895476	10907850	0.27	cps
Uranium	238-1	15981330	16482456	16335661	16266482	1.58	cps
Vanadium	51-2	1307946	1265914	1265356	1279739	1.91	cps
Ytterbium	172-1	142	175	200	172	16.99	cps
Ytterbium	172-2	72	50	94	72	30.77	cps
Ytterbium	176-1	24047	25601	24590	24746	3.19	cps
Ytterbium	176-2	15949	15915	15938	15934	0.11	cps
Yttrium	89-1	25366085	25808870	25565735	25580230	0.87	cps
Yttrium	89-2	2395179	2384242	2429054	2402825	0.97	cps
Zinc	66-2	2751555	2720731	2698808	2723698	0.97	cps
Zirconium	90-1	12113416	11896743	12313301	12107820	1.72	cps
Zirconium	91-1	2703978	2682115	2770715	2718936	1.70	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 13:01:45 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2285008	2276011	2290562	2283860	0.32	cps
Antimony	121-1	11281798	11437522	11396518	11371946	0.71	cps
Arsenic	75-2	342564	338186	345877	342209	1.13	cps
Barium	135-1	15922561	16051814	16011048	15995141	0.41	cps
Barium	137-1	27635616	27967836	28485750	28029734	1.53	cps
Beryllium	9-1	5448860	5238090	5519345	5402098	2.71	cps
Bismuth	209-1	9630509	9470927	9834946	9645461	1.89	cps
Bismuth	209-2	4060920	4116960	4168407	4115429	1.31	cps
Boron	10-1	1359564	1314522	1470727	1381604	5.82	cps
Boron	11-1	6081187	5990809	6077201	6049732	0.84	cps
Bromine	81-1	71199	71934	69909	71014	1.44	cps
Cadmium	111-1	3493008	3477820	3741130	3570653	4.14	cps
Cadmium	106-1	423317	433476	423067	426620	1.39	cps
Cadmium	108-1	294423	300171	298473	297689	0.99	cps
Calcium	43-1	5848289	5835328	5570912	5751510	2.72	cps
Calcium	44-1	92586788	92788378	91188167	92187778	0.95	cps
Carbon	12-1	10449977	10697569	11106552	10751366	3.08	cps
Carbon	12-2	114446	117242	119165	116951	2.03	cps
Chlorine	35-1	174176	177652	176082	175970	0.99	cps
Chlorine	35-2	1092	1175	1100	1122	4.09	cps
Chromium	52-2	3583594	3630822	3636914	3617110	0.81	cps
Cobalt	59-2	6213003	6200300	6393747	6269016	1.73	cps
Copper	63-2	46838213	46536404	47783638	47052752	1.38	cps
Dysprosium	156-1	808	833	942	861	8.23	cps
Dysprosium	156-2	273	313	257	281	10.36	cps
Erbium	164-1	367	250	292	303	19.53	cps
Erbium	164-2	97	120	120	112	12.00	cps
Gadolinium	160-1	692	667	708	689	3.04	cps
Gadolinium	160-2	377	357	337	357	5.61	cps
Holmium	165-1	17580014	17174594	17304049	17352886	1.19	cps
Holmium	165-2	6252344	6234500	6238121	6241655	0.15	cps
Indium	115-1	14945165	15032104	15331231	15102833	1.34	cps
Indium	115-2	1977261	1942716	2061717	1993898	3.07	cps
Iron	54-2	8032831	8229276	8257338	8173148	1.50	cps
Iron	56-2	148812820	144284892	147485998	146861237	1.58	cps
Iron	57-2	3810865	3758377	3853859	3807700	1.26	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 13:01:45 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13415	13836	13637	13630	1.55	cps
Lead	206-1	47124362	46420952	45208852	46251389	2.09	cps
Lead	207-1	40208668	40455545	39924986	40196400	0.66	cps
Lead	208-1	185613190	188054678	184227104	185964991	1.04	cps
Lithium	6-1	9184810	8704861	9047923	8979198	2.75	cps
Magnesium	24-2	29705491	30726078	31111515	30514361	2.38	cps
Manganese	55-2	19935285	19587554	20308388	19943742	1.81	cps
Molybdenum	94-1	52001197	50189695	51291963	51160951	1.78	cps
Molybdenum	95-1	71699968	73278166	72390500	72456211	1.09	cps
Molybdenum	96-1	79104164	82017637	80206477	80442759	1.83	cps
Molybdenum	97-1	44760020	45158050	44799250	44905773	0.49	cps
Molybdenum	98-1	116333144	115893611	116361594	116196116	0.23	cps
Neodymium	150-1	1313	1327	1300	1313	1.02	cps
Neodymium	150-2	97	100	47	81	36.83	cps
Nickel	60-2	1767635	1710680	1785108	1754474	2.22	cps
Phosphorus	31-2	128167	125149	126889	126735	1.20	cps
Potassium	39-2	11422240	11075622	11499039	11332301	1.99	cps
Rhodium	103-1	14106553	14070370	14299807	14158910	0.87	cps
Rhodium	103-2	5229401	5076093	5375217	5226904	2.86	cps
Scandium	45-1	12457630	12047354	12259109	12254698	1.67	cps
Scandium	45-2	319014	320260	330369	323215	1.93	cps
Selenium	82-1	328279	328098	327917	328098	0.06	cps
Selenium	77-2	7992	7802	8466	8087	4.23	cps
Selenium	78-2	28133	27932	28277	28114	0.62	cps
Silicon	28-1	89770671	86407589	89503640	88560633	2.11	cps
Silver	107-1	19153754	19118850	18669040	18980548	1.42	cps
Silver	109-1	17999852	17688680	18865083	18184538	3.35	cps
Sodium	23-2	54877622	57487262	58475466	56946783	3.26	cps
Strontium	86-1	5167163	5132455	5141614	5147077	0.35	cps
Strontium	88-1	43495392	45519287	45231810	44748830	2.45	cps
Sulfur	34-1	2175846	2161321	2232194	2189787	1.71	cps
Terbium	159-1	18102820	18625035	17765066	18164307	2.39	cps
Terbium	159-2	6247487	6068742	6086388	6134206	1.61	cps
Thallium	203-1	11639264	11102561	11598089	11446638	2.61	cps
Thallium	205-1	27581440	27274434	26612716	27156197	1.82	cps
Tin	118-1	11321240	11720531	11778995	11606922	2.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:01:45	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	24311759	24487107	24670114	24489660	0.73	cps
Uranium	238-1	37001356	35789885	36601230	36464157	1.69	cps
Vanadium	51-2	2874153	2886988	2868426	2876522	0.33	cps
Ytterbium	172-1	183	192	300	225	28.93	cps
Ytterbium	172-2	117	122	89	109	16.34	cps
Ytterbium	176-1	50263	51677	53736	51892	3.36	cps
Ytterbium	176-2	24902	26126	26493	25840	3.23	cps
Yttrium	89-1	26035429	25913211	26150080	26032907	0.46	cps
Yttrium	89-2	2483221	2414439	2479909	2459190	1.58	cps
Zinc	66-2	5931410	5954213	5779312	5888312	1.61	cps
Zirconium	90-1	26055031	26355802	26659992	26356942	1.15	cps
Zirconium	91-1	5810511	5979725	5977688	5922641	1.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:04:51	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10498963	10518248	10271044	10429418	1.32	cps
Antimony	121-1	5543	5876	6277	5899	6.23	cps
Arsenic	75-2	132	110	164	135	20.07	cps
Barium	135-1	7419	7202	7377	7333	1.57	cps
Barium	137-1	13490	12423	12406	12773	4.86	cps
Beryllium	9-1	608	544	532	561	7.28	cps
Bismuth	209-1	7814658	8058692	7769002	7880784	1.98	cps
Bismuth	209-2	3609116	3701542	3600896	3637185	1.54	cps
Boron	10-1	120245	112776	106365	113129	6.14	cps
Boron	11-1	551079	503801	477543	510808	7.30	cps
Bromine	81-1	77728	71942	73291	74320	4.07	cps
Cadmium	111-1	2250	2220	2258	2242	0.90	cps
Cadmium	106-1	7419	7202	6935	7185	3.37	cps
Cadmium	108-1	179	208	179	189	8.92	cps
Calcium	43-1	26413097	26519356	27207852	26713435	1.62	cps
Calcium	44-1	425453392	430458578	429957139	428623036	0.64	cps
Carbon	12-1	9282367	9245071	9684412	9403950	2.59	cps
Carbon	12-2	107635	107005	108046	107562	0.49	cps
Chlorine	35-1	164597	162118	169757	165491	2.35	cps
Chlorine	35-2	1108	867	1092	1022	13.20	cps
Chromium	52-2	31017	31234	29804	30685	2.51	cps
Cobalt	59-2	15809	16159	16109	16026	1.18	cps
Copper	63-2	12309	12382	12486	12392	0.72	cps
Dysprosium	156-1	1550	1617	1750	1639	6.21	cps
Dysprosium	156-2	383	407	450	413	8.18	cps
Erbium	164-1	208	158	142	169	20.48	cps
Erbium	164-2	63	63	83	70	16.50	cps
Gadolinium	160-1	942	942	1108	997	9.65	cps
Gadolinium	160-2	417	420	497	444	10.18	cps
Holmium	165-1	15990801	16476495	16343803	16270367	1.54	cps
Holmium	165-2	5906592	5687870	5750064	5781509	1.95	cps
Indium	115-1	14128116	14134406	14111223	14124582	0.08	cps
Indium	115-2	1947635	1891750	1857314	1898900	2.40	cps
Iron	54-2	36685826	36639434	36468683	36597981	0.31	cps
Iron	56-2	659292059	662700593	651925370	657972674	0.84	cps
Iron	57-2	16865664	16309400	16444349	16539805	1.75	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:04:51	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13291	13271	13736	13433	1.96	cps
Lead	206-1	9092	9064	9042	9066	0.28	cps
Lead	207-1	7936	7891	7647	7825	1.99	cps
Lead	208-1	36393	35725	35431	35850	1.37	cps
Lithium	6-1	8470327	8213716	8317268	8333771	1.55	cps
Magnesium	24-2	135420978	140636782	135107520	137055093	2.27	cps
Manganese	55-2	9557	9543	9220	9440	2.02	cps
Molybdenum	94-1	18346	18238	18196	18260	0.42	cps
Molybdenum	95-1	21492	21133	20315	20980	2.88	cps
Molybdenum	96-1	66915	63448	63289	64551	3.17	cps
Molybdenum	97-1	13248	12614	13065	12976	2.51	cps
Molybdenum	98-1	30467	28438	28396	29101	4.07	cps
Neodymium	150-1	260	127	220	202	33.84	cps
Neodymium	150-2	40	20	53	38	44.41	cps
Nickel	60-2	11768	11518	10961	11416	3.62	cps
Phosphorus	31-2	275	267	192	244	18.78	cps
Potassium	39-2	55055360	55469216	53114532	54546369	2.30	cps
Rhodium	103-1	12215452	12384521	12310701	12303558	0.69	cps
Rhodium	103-2	4737432	4782834	4731516	4750594	0.59	cps
Scandium	45-1	11545753	11463271	11677581	11562202	0.93	cps
Scandium	45-2	319023	320568	315035	318209	0.90	cps
Selenium	82-1	133	318	21	157	95.28	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	122	137	114	124	9.39	cps
Silicon	28-1	1211879	1191485	1155470	1186278	2.41	cps
Silver	107-1	5868	5660	5134	5554	6.81	cps
Silver	109-1	5660	4959	5151	5257	6.88	cps
Sodium	23-2	268578831	263198064	258508089	263428328	1.91	cps
Strontium	86-1	53871	52892	54181	53648	1.25	cps
Strontium	88-1	290949	289277	295089	291772	1.03	cps
Sulfur	34-1	381331	385187	390096	385538	1.14	cps
Terbium	159-1	17470287	17724867	17459335	17551497	0.86	cps
Terbium	159-2	5994927	6002080	5729173	5908727	2.63	cps
Thallium	203-1	4059	3642	3576	3759	6.97	cps
Thallium	205-1	9462	8928	8820	9070	3.79	cps
Tin	118-1	52953	53941	53824	53573	1.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:04:51	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4051	4176	4101	4109	1.53	cps
Uranium	238-1	3684	3075	3042	3267	11.06	cps
Vanadium	51-2	500	553	547	533	5.45	cps
Ytterbium	172-1	258	267	342	289	15.89	cps
Ytterbium	172-2	100	133	89	107	21.54	cps
Ytterbium	176-1	2484	2525	2375	2461	3.15	cps
Ytterbium	176-2	7174	7513	6985	7224	3.70	cps
Yttrium	89-1	25243949	24062692	25285050	24863897	2.79	cps
Yttrium	89-2	2446347	2426740	2336334	2403140	2.44	cps
Zinc	66-2	6031	5865	5671	5856	3.08	cps
Zirconium	90-1	13440	12823	13532	13265	2.91	cps
Zirconium	91-1	3200	2867	2800	2956	7.25	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : ICV29 Instrumnet Name : P8
 Client Sample ID : ICV29 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 13:22:44 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52673	53176	51932	52594	1.19	cps
Antimony	121-1	2195575	2133499	2204199	2177758	1.77	cps
Arsenic	75-2	65389	64909	64221	64840	0.90	cps
Barium	135-1	309101	306970	306956	307676	0.40	cps
Barium	137-1	530802	540095	536967	535955	0.88	cps
Beryllium	9-1	540072	539789	543897	541253	0.42	cps
Bismuth	209-1	10260139	9900655	10031291	10064028	1.81	cps
Bismuth	209-2	4199176	4015584	4152716	4122492	2.32	cps
Boron	10-1	631414	623834	627922	627723	0.60	cps
Boron	11-1	2595402	2596940	2672952	2621764	1.69	cps
Bromine	81-1	71772	74386	70415	72191	2.80	cps
Cadmium	111-1	361191	363263	357385	360613	0.83	cps
Cadmium	106-1	81233	78476	81032	80247	1.92	cps
Cadmium	108-1	39616	39068	38964	39216	0.89	cps
Calcium	43-1	133827	132839	133912	133526	0.45	cps
Calcium	44-1	2106696	2013835	1944953	2021828	4.01	cps
Carbon	12-1	11396840	11835774	11476442	11569686	2.02	cps
Carbon	12-2	113901	113051	114755	113903	0.75	cps
Chlorine	35-1	137218	134725	138686	136876	1.46	cps
Chlorine	35-2	850	842	792	828	3.81	cps
Chromium	52-2	323979	326889	328671	326513	0.73	cps
Cobalt	59-2	595199	594960	592061	594073	0.29	cps
Copper	63-2	451843	447823	441398	447021	1.18	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	167	125	142	144	14.52	cps
Erbium	164-2	40	33	33	36	10.83	cps
Gadolinium	160-1	108	125	133	122	10.41	cps
Gadolinium	160-2	90	93	113	99	12.77	cps
Holmium	165-1	16256023	15651492	16645345	16184287	3.09	cps
Holmium	165-2	5760168	5888287	5776294	5808249	1.20	cps
Indium	115-1	15222581	15125865	14909879	15086108	1.06	cps
Indium	115-2	1965375	1984703	1969529	1973203	0.52	cps
Iron	54-2	306061	307082	302212	305118	0.84	cps
Iron	56-2	5533619	5432473	5421884	5462658	1.13	cps
Iron	57-2	134899	133718	127695	132104	2.92	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICV29	Instrumnet Name :	P8
Client Sample ID :	ICV29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:22:44	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14110	14128	13565	13934	2.30	cps
Lead	206-1	1943373	1961425	1962705	1955834	0.55	cps
Lead	207-1	1633702	1598052	1644683	1625479	1.50	cps
Lead	208-1	7842168	7489906	7776722	7702932	2.43	cps
Lithium	6-1	8964351	9024823	9123399	9037524	0.89	cps
Magnesium	24-2	327045	327330	312311	322229	2.67	cps
Manganese	55-2	178836	178850	180986	179557	0.69	cps
Molybdenum	94-1	6679036	6846161	6702341	6742513	1.34	cps
Molybdenum	95-1	3678212	3727366	3768431	3724670	1.21	cps
Molybdenum	96-1	4746203	4715131	4919416	4793583	2.30	cps
Molybdenum	97-1	2285364	2285797	2317792	2296318	0.81	cps
Molybdenum	98-1	5854829	5795863	5858305	5836332	0.60	cps
Neodymium	150-1	47	40	33	40	16.68	cps
Neodymium	150-2	20	3	0	8	137.80	cps
Nickel	60-2	175749	176700	173665	175371	0.89	cps
Phosphorus	31-2	167	183	175	175	4.76	cps
Potassium	39-2	419695	423699	417966	420453	0.70	cps
Rhodium	103-1	14665998	14629011	14761486	14685498	0.47	cps
Rhodium	103-2	5312399	5087033	5360707	5253380	2.78	cps
Scandium	45-1	12783151	12480928	11864621	12376233	3.78	cps
Scandium	45-2	312995	307237	311671	310635	0.97	cps
Selenium	82-1	64365	64279	64398	64347	0.09	cps
Selenium	77-2	1550	1487	1453	1497	3.28	cps
Selenium	78-2	5549	5491	5611	5550	1.08	cps
Silicon	28-1	6728691	6852907	7206831	6929477	3.58	cps
Silver	107-1	968098	963582	979295	970325	0.83	cps
Silver	109-1	890111	891111	915378	898867	1.59	cps
Sodium	23-2	1088497	1059211	1038640	1062116	2.36	cps
Strontium	86-1	2672845	2639462	2678995	2663767	0.80	cps
Strontium	88-1	22806022	23093385	22333835	22744414	1.69	cps
Sulfur	34-1	412047	404981	409798	408942	0.88	cps
Terbium	159-1	16797555	17476235	17407404	17227064	2.17	cps
Terbium	159-2	5888428	5955254	5762732	5868805	1.67	cps
Thallium	203-1	2300285	2340526	2424576	2355129	2.69	cps
Thallium	205-1	5658954	5572145	5609121	5613407	0.78	cps
Tin	118-1	6013366	5849123	5984282	5948924	1.47	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICV29	Instrumnet Name :	P8
Client Sample ID :	ICV29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:22:44	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1285173	1289130	1236050	1270118	2.33	cps
Uranium	238-1	18408686	16816694	17514450	17579943	4.54	cps
Vanadium	51-2	258070	259414	254364	257283	1.02	cps
Ytterbium	172-1	58	58	117	78	43.30	cps
Ytterbium	172-2	33	39	39	37	8.67	cps
Ytterbium	176-1	24223	25191	25693	25036	2.99	cps
Ytterbium	176-2	15888	15637	16188	15904	1.73	cps
Yttrium	89-1	26123222	26163946	25400459	25895876	1.66	cps
Yttrium	89-2	2351549	2313645	2351266	2338820	0.93	cps
Zinc	66-2	109702	112708	110313	110908	1.43	cps
Zirconium	90-1	13067466	13186089	13069081	13107545	0.52	cps
Zirconium	91-1	2881848	2920102	2917874	2906608	0.74	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICB29	Instrumnet Name :	P8
Client Sample ID :	ICB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:25:37	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129	125	92	115	17.27	cps
Antimony	121-1	1267	1433	1692	1464	14.63	cps
Arsenic	75-2	11	4	18	11	63.64	cps
Barium	135-1	133	83	75	97	32.45	cps
Barium	137-1	208	125	175	169	24.75	cps
Beryllium	9-1	128	100	98	109	15.44	cps
Bismuth	209-1	10255604	9234183	9610398	9700062	5.33	cps
Bismuth	209-2	3948940	4032575	4063010	4014842	1.47	cps
Boron	10-1	26701	25087	25271	25686	3.44	cps
Boron	11-1	114986	112757	103701	110481	5.41	cps
Bromine	81-1	71229	76985	68915	72376	5.74	cps
Cadmium	111-1	1453	1482	1513	1483	2.02	cps
Cadmium	106-1	7110	7035	7319	7155	2.05	cps
Cadmium	108-1	104	96	54	85	31.62	cps
Calcium	43-1	400	404	395	400	1.10	cps
Calcium	44-1	17796	16644	16178	16873	4.94	cps
Carbon	12-1	9580692	9854963	10452622	9962759	4.48	cps
Carbon	12-2	103465	101820	104514	103266	1.31	cps
Chlorine	35-1	137955	139420	134985	137453	1.64	cps
Chlorine	35-2	750	875	808	811	7.71	cps
Chromium	52-2	1657	1460	1343	1487	10.65	cps
Cobalt	59-2	113	100	93	102	9.96	cps
Copper	63-2	980	910	997	962	4.78	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	175	83	150	136	34.81	cps
Erbium	164-2	30	37	33	33	10.01	cps
Gadolinium	160-1	75	125	108	103	24.77	cps
Gadolinium	160-2	107	143	137	129	15.15	cps
Holmium	165-1	16894432	15838303	15650172	16127636	4.16	cps
Holmium	165-2	5737041	5781835	5834350	5784409	0.84	cps
Indium	115-1	15176360	14226556	14732775	14711897	3.23	cps
Indium	115-2	1937960	1926620	1941675	1935419	0.41	cps
Iron	54-2	933	900	894	909	2.31	cps
Iron	56-2	7246	6774	7219	7080	3.75	cps
Iron	57-2	222	200	156	193	17.63	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICB29	Instrumnet Name :	P8
Client Sample ID :	ICB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:25:37	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13525	13617	13764	13635	0.88	cps
Lead	206-1	1511	1450	1306	1422	7.42	cps
Lead	207-1	1306	1228	1245	1259	3.25	cps
Lead	208-1	5945	5851	5501	5765	4.06	cps
Lithium	6-1	9168596	8675950	9146624	8997057	3.09	cps
Magnesium	24-2	483	592	517	531	10.46	cps
Manganese	55-2	127	160	127	138	13.97	cps
Molybdenum	94-1	1508	1392	1100	1333	15.78	cps
Molybdenum	95-1	992	750	658	800	21.53	cps
Molybdenum	96-1	1342	1267	1300	1303	2.88	cps
Molybdenum	97-1	483	433	383	433	11.54	cps
Molybdenum	98-1	1517	1175	1333	1342	12.74	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	67	77	77	73	7.87	cps
Phosphorus	31-2	192	175	267	211	23.13	cps
Potassium	39-2	18871	19388	18496	18918	2.37	cps
Rhodium	103-1	14064619	13643007	14381911	14029845	2.64	cps
Rhodium	103-2	5152336	5197003	5198893	5182744	0.51	cps
Scandium	45-1	12140249	11524617	11979299	11881389	2.69	cps
Scandium	45-2	303207	307833	306103	305714	0.76	cps
Selenium	82-1	-20	-225	-124	-123	-83.40	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	99	110	111	107	6.24	cps
Silicon	28-1	1006456	1005958	1034211	1015542	1.59	cps
Silver	107-1	1442	1167	1217	1275	11.49	cps
Silver	109-1	1150	1083	1117	1117	2.99	cps
Sodium	23-2	23653	22993	23377	23341	1.42	cps
Strontium	86-1	21734	21834	21459	21676	0.90	cps
Strontium	88-1	2392	2167	1617	2059	19.37	cps
Sulfur	34-1	412627	414815	414089	413844	0.27	cps
Terbium	159-1	16882161	17092316	17224411	17066296	1.01	cps
Terbium	159-2	5743626	5727987	5875709	5782440	1.40	cps
Thallium	203-1	1158	1300	1050	1170	10.72	cps
Thallium	205-1	2475	2400	2267	2381	4.43	cps
Tin	118-1	2867	2717	2675	2753	3.66	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICB29	Instrumnet Name :	P8
Client Sample ID :	ICB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:25:37	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	683	625	533	614	12.32	cps
Uranium	238-1	1525	1375	917	1272	24.91	cps
Vanadium	51-2	20	17	20	19	10.18	cps
Ytterbium	172-1	75	108	67	83	26.46	cps
Ytterbium	172-2	28	33	22	28	20.00	cps
Ytterbium	176-1	2117	2317	1984	2139	7.84	cps
Ytterbium	176-2	6796	7091	7102	6996	2.48	cps
Yttrium	89-1	25417138	24017660	23893517	24442772	3.46	cps
Yttrium	89-2	2301327	2334752	2375303	2337127	1.59	cps
Zinc	66-2	247	213	203	221	10.26	cps
Zirconium	90-1	2317	2475	2225	2339	5.41	cps
Zirconium	91-1	475	583	408	489	18.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSA29	Instrumnet Name :	P8
Client Sample ID :	ICSA29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:28:40	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9649423	9759650	9833108	9747393	0.95	cps
Antimony	121-1	13357	13641	13107	13368	2.00	cps
Arsenic	75-2	88	102	97	96	7.42	cps
Barium	135-1	4234	4609	4443	4429	4.24	cps
Barium	137-1	7594	7827	8044	7822	2.88	cps
Beryllium	9-1	1530	1434	1488	1484	3.24	cps
Bismuth	209-1	9207447	9308121	9444034	9319867	1.27	cps
Bismuth	209-2	3972948	3838931	3816401	3876093	2.18	cps
Boron	10-1	19868	18688	19147	19234	3.09	cps
Boron	11-1	88067	87223	87306	87532	0.53	cps
Bromine	81-1	74992	75064	77641	75899	1.99	cps
Cadmium	111-1	2695	2814	2904	2804	3.73	cps
Cadmium	106-1	7152	7302	6885	7113	2.97	cps
Cadmium	108-1	2771	2704	2659	2711	2.09	cps
Calcium	43-1	5167096	5220295	4999120	5128837	2.25	cps
Calcium	44-1	81664500	83075544	82012249	82250765	0.89	cps
Carbon	12-1	49319079	49983671	50896155	50066302	1.58	cps
Carbon	12-2	469788	466030	469061	468293	0.43	cps
Chlorine	35-1	16630514	19920248	22643465	19731409	15.26	cps
Chlorine	35-2	174471	182377	190723	182524	4.45	cps
Chromium	52-2	64371	62667	63179	63406	1.38	cps
Cobalt	59-2	6628	6685	6735	6683	0.80	cps
Copper	63-2	32420	32347	32965	32577	1.04	cps
Dysprosium	156-1	50	83	75	69	24.98	cps
Dysprosium	156-2	47	13	27	29	58.08	cps
Erbium	164-1	200	192	150	181	14.83	cps
Erbium	164-2	43	43	63	50	23.10	cps
Gadolinium	160-1	133	150	142	142	5.88	cps
Gadolinium	160-2	120	167	163	150	17.36	cps
Holmium	165-1	16631092	17166383	17053262	16950246	1.66	cps
Holmium	165-2	6217248	5925082	5972203	6038178	2.60	cps
Indium	115-1	15045729	15141278	14891540	15026182	0.84	cps
Indium	115-2	1976541	1978994	1907929	1954488	2.06	cps
Iron	54-2	14306360	14060643	14348316	14238440	1.09	cps
Iron	56-2	259964217	254868506	260900373	258577698	1.26	cps
Iron	57-2	6393564	6432170	6405739	6410491	0.31	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : ICSA29 Instrumnet Name : P8
 Client Sample ID : ICSA29 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 13:28:40 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14243	13719	13941	13968	1.88	cps
Lead	206-1	39450	41606	41768	40941	3.16	cps
Lead	207-1	31494	33210	33104	32603	2.95	cps
Lead	208-1	151076	156452	158554	155361	2.48	cps
Lithium	6-1	9625165	9479263	9310888	9471772	1.66	cps
Magnesium	24-2	25867270	25360987	25950222	25726160	1.24	cps
Manganese	55-2	13460	13103	13487	13350	1.60	cps
Molybdenum	94-1	7337930	7415607	7420322	7391286	0.63	cps
Molybdenum	95-1	13036975	13134573	12867781	13013110	1.04	cps
Molybdenum	96-1	13813612	14065461	14144842	14007972	1.23	cps
Molybdenum	97-1	7796127	7841615	7854019	7830587	0.39	cps
Molybdenum	98-1	19972088	20033962	20308796	20104949	0.89	cps
Neodymium	150-1	47	47	47	47	0.00	cps
Neodymium	150-2	37	7	10	18	92.48	cps
Nickel	60-2	8643	7946	7959	8182	4.87	cps
Phosphorus	31-2	553468	563387	560767	559207	0.92	cps
Potassium	39-2	20360567	20032524	19522772	19971954	2.11	cps
Rhodium	103-1	13270808	13613585	13469179	13451191	1.28	cps
Rhodium	103-2	5192172	5245836	5156694	5198234	0.86	cps
Scandium	45-1	12247587	12338462	12230226	12272092	0.47	cps
Scandium	45-2	313349	314953	311748	313350	0.51	cps
Selenium	82-1	-365	58	240	-23	-1378.55	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	126	95	103	108	14.90	cps
Silicon	28-1	1193707	1247855	1204328	1215297	2.36	cps
Silver	107-1	1875	1767	1458	1700	12.72	cps
Silver	109-1	1800	1558	1350	1570	14.35	cps
Sodium	23-2	51083850	49260351	51264548	50536250	2.19	cps
Strontium	86-1	182451	183320	184326	183365	0.51	cps
Strontium	88-1	1373617	1386681	1425777	1395358	1.95	cps
Sulfur	34-1	8097619	8320354	8052149	8156707	1.76	cps
Terbium	159-1	16841906	17518610	17733752	17364756	2.68	cps
Terbium	159-2	5986058	5844923	5934597	5921859	1.21	cps
Thallium	203-1	1800	1892	2184	1959	10.22	cps
Thallium	205-1	3917	4551	5335	4601	15.43	cps
Tin	118-1	3659	4017	4259	3978	7.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSA29	Instrumnet Name :	P8
Client Sample ID :	ICSA29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:28:40	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4531712	4572064	4533170	4545649	0.50	cps
Uranium	238-1	925	933	867	908	4.00	cps
Vanadium	51-2	397	417	420	411	3.07	cps
Ytterbium	172-1	92	92	58	81	23.89	cps
Ytterbium	172-2	44	33	44	41	15.76	cps
Ytterbium	176-1	2384	2150	2459	2331	6.90	cps
Ytterbium	176-2	7636	6969	7519	7374	4.83	cps
Yttrium	89-1	25238950	24658682	25510309	25135980	1.73	cps
Yttrium	89-2	2377667	2385191	2392465	2385108	0.31	cps
Zinc	66-2	6308	5958	6088	6118	2.89	cps
Zirconium	90-1	2125	2017	2067	2070	2.62	cps
Zirconium	91-1	408	400	408	406	1.19	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : ICSAB29 Instrumnet Name : P8
 Client Sample ID : ICSAB29 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 13:31:34 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10129993	10113988	10278737	10174239	0.89	cps
Antimony	121-1	227585	230659	226788	228344	0.90	cps
Arsenic	75-2	6442	6235	6222	6300	1.96	cps
Barium	135-1	64179	67026	66172	65792	2.22	cps
Barium	137-1	114981	112643	113839	113821	1.03	cps
Beryllium	9-1	101792	99241	102526	101186	1.70	cps
Bismuth	209-1	9678648	9672999	9269090	9540246	2.46	cps
Bismuth	209-2	3969440	4065572	4094351	4043121	1.62	cps
Boron	10-1	15705	16062	14723	15497	4.48	cps
Boron	11-1	72604	68343	67992	69646	3.69	cps
Bromine	81-1	78384	78595	78636	78538	0.17	cps
Cadmium	111-1	69369	67860	67949	68392	1.24	cps
Cadmium	106-1	13732	12798	12656	13062	4.48	cps
Cadmium	108-1	7031	7173	6981	7062	1.41	cps
Calcium	43-1	5061844	5061998	5419584	5181142	3.99	cps
Calcium	44-1	81290155	84800453	87363386	84484665	3.61	cps
Carbon	12-1	49348137	49398797	50382231	49709722	1.17	cps
Carbon	12-2	492870	477234	485876	485327	1.61	cps
Chlorine	35-1	28794908	32078689	35642163	32171920	10.64	cps
Chlorine	35-2	255284	269971	275473	266909	3.91	cps
Chromium	52-2	130625	128536	128389	129184	0.97	cps
Cobalt	59-2	124090	122022	118721	121611	2.23	cps
Copper	63-2	119301	116464	118581	118115	1.25	cps
Dysprosium	156-1	33	33	67	44	43.31	cps
Dysprosium	156-2	33	27	33	31	12.36	cps
Erbium	164-1	183	117	192	164	25.08	cps
Erbium	164-2	50	57	80	62	25.32	cps
Gadolinium	160-1	83	208	167	153	41.66	cps
Gadolinium	160-2	110	100	107	106	4.82	cps
Holmium	165-1	17728696	17492542	17126028	17449089	1.74	cps
Holmium	165-2	6299003	6052518	6234740	6195421	2.06	cps
Indium	115-1	15501042	15336854	15433563	15423820	0.54	cps
Indium	115-2	2010338	2050128	1988747	2016405	1.54	cps
Iron	54-2	14685212	15039637	14119359	14614736	3.18	cps
Iron	56-2	266887428	264211750	261392711	264163963	1.04	cps
Iron	57-2	6622711	6509332	6734123	6622055	1.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSAB29	Instrumnet Name :	P8
Client Sample ID :	ICSAB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:31:34	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13612	13667	13661	13647	0.22	cps
Lead	206-1	215154	214982	213243	214460	0.49	cps
Lead	207-1	175373	172282	180420	176025	2.33	cps
Lead	208-1	839968	821672	844811	835484	1.46	cps
Lithium	6-1	8939081	9046598	9126289	9037323	1.04	cps
Magnesium	24-2	28060213	26898097	26688128	27215479	2.72	cps
Manganese	55-2	47907	49208	48435	48517	1.35	cps
Molybdenum	94-1	7463796	7388238	7575149	7475728	1.26	cps
Molybdenum	95-1	13424081	12903208	13199772	13175687	1.98	cps
Molybdenum	96-1	14456324	13878413	14355802	14230180	2.17	cps
Molybdenum	97-1	7958073	7843632	8242143	8014616	2.56	cps
Molybdenum	98-1	20426436	20733400	21119669	20759835	1.67	cps
Neodymium	150-1	27	100	87	71	54.93	cps
Neodymium	150-2	17	10	17	14	26.66	cps
Nickel	60-2	40093	40030	39705	39943	0.52	cps
Phosphorus	31-2	569157	568126	573179	570154	0.47	cps
Potassium	39-2	20315810	20474631	20389871	20393437	0.39	cps
Rhodium	103-1	13926598	13871434	14142222	13980085	1.02	cps
Rhodium	103-2	5112132	5231711	5339791	5227878	2.18	cps
Scandium	45-1	12819698	12924088	12516169	12753318	1.66	cps
Scandium	45-2	326668	317221	320792	321560	1.48	cps
Selenium	82-1	5961	5906	5811	5893	1.29	cps
Selenium	77-2	180	147	153	160	11.02	cps
Selenium	78-2	625	585	638	616	4.48	cps
Silicon	28-1	1138821	1159395	1180296	1159504	1.79	cps
Silver	107-1	350683	352120	330801	344535	3.46	cps
Silver	109-1	327639	325526	333106	328757	1.19	cps
Sodium	23-2	54516699	52029927	52728707	53091778	2.42	cps
Strontium	86-1	186276	186084	189462	187274	1.01	cps
Strontium	88-1	1416933	1476903	1452516	1448784	2.08	cps
Sulfur	34-1	7928910	7855103	8159162	7981059	1.99	cps
Terbium	159-1	18472196	18292739	17815040	18193325	1.87	cps
Terbium	159-2	5958502	6256118	6146992	6120538	2.46	cps
Thallium	203-1	210140	213318	208661	210706	1.13	cps
Thallium	205-1	530023	543333	519818	531058	2.22	cps
Tin	118-1	3892	3942	4042	3959	1.93	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	ICSAB29	Instrumnet Name :	P8
Client Sample ID :	ICSAB29	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:31:34	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4585868	4711831	4541130	4612943	1.92	cps
Uranium	238-1	992	1017	967	992	2.52	cps
Vanadium	51-2	51921	51436	50415	51257	1.50	cps
Ytterbium	172-1	142	125	125	131	7.37	cps
Ytterbium	172-2	39	50	39	43	15.06	cps
Ytterbium	176-1	2342	2200	2167	2236	4.16	cps
Ytterbium	176-2	7130	7608	7847	7528	4.85	cps
Yttrium	89-1	25430359	26728127	27092527	26417004	3.31	cps
Yttrium	89-2	2464661	2469155	2433931	2455916	0.78	cps
Zinc	66-2	17251	17120	17131	17167	0.42	cps
Zirconium	90-1	2142	2167	2000	2103	4.27	cps
Zirconium	91-1	442	542	558	514	12.28	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:34:29	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5400687	5440523	5369257	5403489	0.66	cps
Antimony	121-1	5520212	5512686	5506946	5513282	0.12	cps
Arsenic	75-2	161477	160090	157593	159720	1.23	cps
Barium	135-1	7682054	7751827	7860636	7764839	1.16	cps
Barium	137-1	13068350	13477804	13248132	13264762	1.55	cps
Beryllium	9-1	2489016	2604774	2510063	2534618	2.43	cps
Bismuth	209-1	9157842	8915626	9239734	9104401	1.85	cps
Bismuth	209-2	3896922	3914721	3884799	3898814	0.39	cps
Boron	10-1	452120	490112	479415	473882	4.13	cps
Boron	11-1	1935036	1932023	2098485	1988514	4.79	cps
Bromine	81-1	72755	77339	74154	74749	3.14	cps
Cadmium	111-1	1700950	1617357	1686085	1668131	2.67	cps
Cadmium	106-1	203213	205321	206905	205147	0.90	cps
Cadmium	108-1	138870	140063	139360	139431	0.43	cps
Calcium	43-1	13434427	12892943	13376801	13234724	2.25	cps
Calcium	44-1	218940687	209350613	216641714	214977671	2.33	cps
Carbon	12-1	10049478	10120629	10547499	10239202	2.63	cps
Carbon	12-2	107879	109137	108282	108433	0.59	cps
Chlorine	35-1	8793171	8678331	8856434	8775979	1.03	cps
Chlorine	35-2	56193	54871	54453	55172	1.65	cps
Chromium	52-2	1778383	1792422	1735538	1768781	1.68	cps
Cobalt	59-2	3055501	3000643	2970217	3008787	1.44	cps
Copper	63-2	24092533	23779564	23038445	23636847	2.29	cps
Dysprosium	156-1	1000	925	1175	1033	12.42	cps
Dysprosium	156-2	320	340	270	310	11.63	cps
Erbium	164-1	167	225	258	217	21.41	cps
Erbium	164-2	83	80	67	77	11.50	cps
Gadolinium	160-1	892	717	808	806	10.87	cps
Gadolinium	160-2	413	340	357	370	10.39	cps
Holmium	165-1	17358565	17686697	17453924	17499729	0.96	cps
Holmium	165-2	6329722	6167486	6298153	6265120	1.37	cps
Indium	115-1	15382133	14990679	15273254	15215355	1.33	cps
Indium	115-2	1989810	1971304	1973265	1978126	0.51	cps
Iron	54-2	18787405	18628480	18216173	18544019	1.59	cps
Iron	56-2	342532641	334431241	339620396	338861426	1.21	cps
Iron	57-2	8507841	8295388	8372290	8391839	1.28	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:34:29	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13743	13431	13544	13572	1.16	cps
Lead	206-1	21782363	21150073	21583490	21505309	1.50	cps
Lead	207-1	19244639	18687124	18883880	18938547	1.49	cps
Lead	208-1	87865608	85645515	87861447	87124190	1.47	cps
Lithium	6-1	8997613	9207534	9404935	9203361	2.21	cps
Magnesium	24-2	69592954	70250756	69517774	69787161	0.58	cps
Manganese	55-2	9654843	9575644	9661794	9630760	0.50	cps
Molybdenum	94-1	25107815	24343238	25019959	24823670	1.69	cps
Molybdenum	95-1	35605032	34197561	35247440	35016678	2.09	cps
Molybdenum	96-1	37580754	37510865	38476596	37856072	1.42	cps
Molybdenum	97-1	21008822	21182884	21241881	21144529	0.57	cps
Molybdenum	98-1	55802383	55222239	55263597	55429406	0.58	cps
Neodymium	150-1	520	627	607	584	9.70	cps
Neodymium	150-2	30	47	50	42	25.38	cps
Nickel	60-2	839206	824809	820381	828132	1.19	cps
Phosphorus	31-2	64595	61113	62276	62662	2.83	cps
Potassium	39-2	26801216	26164401	26697753	26554457	1.29	cps
Rhodium	103-1	13492748	13607834	13579405	13559996	0.44	cps
Rhodium	103-2	5011928	5162872	5265019	5146607	2.47	cps
Scandium	45-1	12577403	12784148	12637219	12666256	0.84	cps
Scandium	45-2	327470	327316	332789	329192	0.95	cps
Selenium	82-1	160124	160188	159828	160047	0.12	cps
Selenium	77-2	4054	4024	4047	4042	0.39	cps
Selenium	78-2	14009	14081	13943	14011	0.49	cps
Silicon	28-1	21499653	21259170	22276195	21678339	2.45	cps
Silver	107-1	9080094	9429278	8954429	9154600	2.69	cps
Silver	109-1	8687453	8365538	8698751	8583914	2.20	cps
Sodium	23-2	135110632	128361749	128906857	130793079	2.87	cps
Strontium	86-1	2565287	2591686	2550190	2569054	0.82	cps
Strontium	88-1	21087288	21812785	22024449	21641508	2.27	cps
Sulfur	34-1	1236331	1218219	1254442	1236331	1.46	cps
Terbium	159-1	18054733	17891794	17868168	17938232	0.57	cps
Terbium	159-2	6215716	6137046	6199566	6184109	0.67	cps
Thallium	203-1	5322968	5300812	5258809	5294196	0.62	cps
Thallium	205-1	12706965	12197121	12779712	12561266	2.53	cps
Tin	118-1	5533938	5206536	5600268	5446914	3.87	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:34:29	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11984148	11770772	11837067	11863995	0.92	cps
Uranium	238-1	17311627	16782517	17245161	17113102	1.68	cps
Vanadium	51-2	1421435	1410587	1379683	1403902	1.54	cps
Ytterbium	172-1	117	225	258	200	37.03	cps
Ytterbium	172-2	78	106	83	89	16.54	cps
Ytterbium	176-1	25116	25751	26277	25715	2.26	cps
Ytterbium	176-2	15693	16444	16004	16047	2.35	cps
Yttrium	89-1	26033916	26508035	26877057	26473003	1.60	cps
Yttrium	89-2	2478660	2503813	2488698	2490390	0.51	cps
Zinc	66-2	2871312	2988396	2875900	2911869	2.28	cps
Zirconium	90-1	13061479	12997401	13064124	13041001	0.29	cps
Zirconium	91-1	2900848	2881069	2863963	2881960	0.64	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : CCB88 Instrumnet Name : P8
 Client Sample ID : CCB88 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 13:42:40 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	515	566	472	518	9.06	cps
Antimony	121-1	725	992	975	897	16.65	cps
Arsenic	75-2	3	10	9	7	51.63	cps
Barium	135-1	117	150	125	131	13.29	cps
Barium	137-1	175	150	100	142	26.96	cps
Beryllium	9-1	82	80	118	93	22.92	cps
Bismuth	209-1	10297371	9904017	10451832	10217740	2.76	cps
Bismuth	209-2	4099456	4008784	4149779	4086006	1.75	cps
Boron	10-1	16342	15840	15337	15840	3.17	cps
Boron	11-1	72071	70522	69736	70776	1.68	cps
Bromine	81-1	77740	84678	80793	81070	4.29	cps
Cadmium	111-1	1475	1450	1410	1445	2.26	cps
Cadmium	106-1	7160	6927	6635	6907	3.81	cps
Cadmium	108-1	58	33	54	49	27.56	cps
Calcium	43-1	417	349	430	399	10.97	cps
Calcium	44-1	17895	17098	17923	17639	2.66	cps
Carbon	12-1	9522833	9792590	10167222	9827548	3.29	cps
Carbon	12-2	101173	101642	99790	100868	0.95	cps
Chlorine	35-1	2107125	2060101	2025327	2064185	1.99	cps
Chlorine	35-2	12431	11522	11638	11864	4.17	cps
Chromium	52-2	1370	1453	1480	1435	4.00	cps
Cobalt	59-2	103	70	103	92	20.87	cps
Copper	63-2	1390	1253	1417	1353	6.47	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	20	9	108.30	cps
Erbium	164-1	142	133	142	139	3.46	cps
Erbium	164-2	53	27	30	37	39.62	cps
Gadolinium	160-1	67	75	92	78	16.37	cps
Gadolinium	160-2	67	120	103	97	28.22	cps
Holmium	165-1	17114868	16854495	16601808	16857057	1.52	cps
Holmium	165-2	5796705	6026547	5945143	5922798	1.97	cps
Indium	115-1	15576863	15437175	15299840	15437959	0.90	cps
Indium	115-2	2037779	1964993	2045872	2016214	2.21	cps
Iron	54-2	1150	933	961	1015	11.62	cps
Iron	56-2	10360	10660	10493	10504	1.43	cps
Iron	57-2	267	217	283	256	13.58	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:42:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13946	14347	14303	14199	1.55	cps
Lead	206-1	1756	1611	1661	1676	4.38	cps
Lead	207-1	1439	1378	1317	1378	4.44	cps
Lead	208-1	6690	6545	6462	6566	1.76	cps
Lithium	6-1	9484261	8854978	9128657	9155965	3.45	cps
Magnesium	24-2	1025	1025	950	1000	4.33	cps
Manganese	55-2	167	147	167	160	7.22	cps
Molybdenum	94-1	742	858	792	797	7.34	cps
Molybdenum	95-1	675	542	467	561	18.81	cps
Molybdenum	96-1	1183	1042	1042	1089	7.51	cps
Molybdenum	97-1	542	392	517	483	16.63	cps
Molybdenum	98-1	1300	858	1133	1097	20.33	cps
Neodymium	150-1	7	0	27	11	124.89	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	57	90	57	68	28.39	cps
Phosphorus	31-2	200	192	258	217	16.76	cps
Potassium	39-2	20165	20640	20999	20601	2.03	cps
Rhodium	103-1	15044512	14402450	14632091	14693018	2.21	cps
Rhodium	103-2	5400525	5265141	5511108	5392258	2.28	cps
Scandium	45-1	12570385	12382755	12641289	12531476	1.07	cps
Scandium	45-2	313857	311492	315139	313496	0.59	cps
Selenium	82-1	0	-368	-86	-151	-127.06	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	140	130	112	127	11.15	cps
Silicon	28-1	840122	844409	847737	844089	0.45	cps
Silver	107-1	825	667	725	739	10.84	cps
Silver	109-1	575	508	642	575	11.59	cps
Sodium	23-2	32938	33205	32996	33046	0.42	cps
Strontium	86-1	22827	22577	21843	22416	2.28	cps
Strontium	88-1	575	583	600	586	2.17	cps
Sulfur	34-1	386841	392333	389236	389470	0.71	cps
Terbium	159-1	16970792	17394058	18003599	17456150	2.97	cps
Terbium	159-2	6001569	5808518	5892169	5900752	1.64	cps
Thallium	203-1	1375	1383	1442	1400	2.59	cps
Thallium	205-1	3717	3492	3267	3492	6.45	cps
Tin	118-1	2634	2750	2542	2642	3.95	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:42:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	692	517	492	567	19.23	cps
Uranium	238-1	133	192	133	153	22.04	cps
Vanadium	51-2	20	17	13	17	20.01	cps
Ytterbium	172-1	108	125	133	122	10.41	cps
Ytterbium	172-2	33	17	50	33	50.00	cps
Ytterbium	176-1	2200	2159	1992	2117	5.21	cps
Ytterbium	176-2	7035	7552	7469	7352	3.78	cps
Yttrium	89-1	25677246	25485079	26168865	25777063	1.37	cps
Yttrium	89-2	2376901	2337066	2464228	2392732	2.72	cps
Zinc	66-2	220	247	270	246	10.19	cps
Zirconium	90-1	1475	1542	1483	1500	2.42	cps
Zirconium	91-1	317	292	400	336	16.88	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BL	Instrumnet Name :	P8
Client Sample ID :	PBS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:49:31	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	119	109	106	13.79	cps
Antimony	121-1	292	425	325	347	19.98	cps
Arsenic	75-2	5	5	7	6	20.38	cps
Barium	135-1	42	83	58	61	34.32	cps
Barium	137-1	67	100	67	78	24.74	cps
Beryllium	9-1	52	74	58	61	18.55	cps
Bismuth	209-1	9697313	9521020	9505775	9574703	1.11	cps
Bismuth	209-2	4059915	4204754	4056150	4106940	2.06	cps
Boron	10-1	8575	8819	8443	8612	2.22	cps
Boron	11-1	40586	38148	38172	38969	3.59	cps
Bromine	81-1	75424	82775	81317	79839	4.88	cps
Cadmium	111-1	1434	1441	1335	1403	4.24	cps
Cadmium	106-1	6977	6927	6718	6874	1.99	cps
Cadmium	108-1	46	46	67	53	22.80	cps
Calcium	43-1	310	261	236	269	13.94	cps
Calcium	44-1	16178	16060	16005	16081	0.55	cps
Carbon	12-1	11173571	11468308	11070745	11237541	1.84	cps
Carbon	12-2	109140	106200	106393	107244	1.53	cps
Chlorine	35-1	1139102	1093763	1032210	1088358	4.93	cps
Chlorine	35-2	6818	6627	6493	6646	2.46	cps
Chromium	52-2	1330	1577	1427	1445	8.61	cps
Cobalt	59-2	57	80	103	80	29.17	cps
Copper	63-2	1203	1083	947	1078	11.92	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	133	92	167	131	28.78	cps
Erbium	164-2	50	53	40	48	14.52	cps
Gadolinium	160-1	75	92	142	103	33.76	cps
Gadolinium	160-2	93	107	93	98	7.88	cps
Holmium	165-1	16616061	16058757	16420893	16365237	1.73	cps
Holmium	165-2	6062825	5774170	5770457	5869151	2.86	cps
Indium	115-1	15700068	15637988	15825120	15721059	0.61	cps
Indium	115-2	2047194	1986107	2076526	2036609	2.27	cps
Iron	54-2	939	928	900	922	2.17	cps
Iron	56-2	7363	7074	7369	7269	2.32	cps
Iron	57-2	167	183	189	180	6.44	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BL	Instrumnet Name :	P8
Client Sample ID :	PBS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:49:31	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14298	14158	14523	14326	1.29	cps
Lead	206-1	1306	1267	1239	1270	2.64	cps
Lead	207-1	1156	1145	967	1089	9.73	cps
Lead	208-1	5201	5278	5023	5167	2.54	cps
Lithium	6-1	9015152	9124192	8940302	9026549	1.02	cps
Magnesium	24-2	542	458	542	514	9.36	cps
Manganese	55-2	123	123	103	117	9.90	cps
Molybdenum	94-1	600	483	583	556	11.36	cps
Molybdenum	95-1	358	325	192	292	30.24	cps
Molybdenum	96-1	542	792	683	672	18.65	cps
Molybdenum	97-1	192	158	142	164	15.53	cps
Molybdenum	98-1	408	442	375	408	8.16	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	53	50	43	49	10.42	cps
Phosphorus	31-2	217	250	308	258	17.96	cps
Potassium	39-2	20665	20248	20907	20607	1.62	cps
Rhodium	103-1	15119274	15035732	15142568	15099191	0.37	cps
Rhodium	103-2	5242440	5301092	5420304	5321279	1.70	cps
Scandium	45-1	12661148	12788864	12527411	12659141	1.03	cps
Scandium	45-2	318989	318630	316661	318094	0.39	cps
Selenium	82-1	-44	-145	-49	-79	-72.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	124	120	120	2.92	cps
Silicon	28-1	877623	891295	833652	867523	3.47	cps
Silver	107-1	383	442	442	422	7.98	cps
Silver	109-1	300	358	375	344	11.43	cps
Sodium	23-2	24488	25131	24855	24824	1.30	cps
Strontium	86-1	22135	22911	23170	22738	2.37	cps
Strontium	88-1	492	342	458	431	18.29	cps
Sulfur	34-1	424037	427427	418775	423413	1.03	cps
Terbium	159-1	17752755	17027384	17202198	17327446	2.18	cps
Terbium	159-2	5856493	6040293	5889322	5928703	1.65	cps
Thallium	203-1	1158	1108	1258	1175	6.50	cps
Thallium	205-1	2409	2434	2800	2548	8.61	cps
Tin	118-1	1934	1759	1992	1895	6.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BL	Instrumnet Name :	P8
Client Sample ID :	PBS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:49:31	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	475	400	500	458	11.35	cps
Uranium	238-1	75	75	25	58	49.49	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Ytterbium	172-1	108	117	83	103	16.88	cps
Ytterbium	172-2	89	50	22	54	62.36	cps
Ytterbium	176-1	2059	2034	1959	2017	2.58	cps
Ytterbium	176-2	6863	7586	8097	7515	8.25	cps
Yttrium	89-1	25534503	26384864	25962765	25960710	1.64	cps
Yttrium	89-2	2411642	2460000	2422063	2431235	1.05	cps
Zinc	66-2	133	147	173	151	13.48	cps
Zirconium	90-1	1183	1308	1383	1292	7.82	cps
Zirconium	91-1	250	242	333	275	18.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BS	Instrumnet Name :	P8
Client Sample ID :	LCS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:52:31	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4281	4179	4184	4215	1.37	cps
Antimony	121-1	39959	39783	39926	39890	0.23	cps
Arsenic	75-2	601	661	654	639	5.14	cps
Barium	135-1	55365	55314	54879	55186	0.48	cps
Barium	137-1	95008	94648	98401	96019	2.16	cps
Beryllium	9-1	9683	9913	9523	9707	2.02	cps
Bismuth	209-1	9792006	10046067	9736343	9858139	1.67	cps
Bismuth	209-2	4293140	4246385	4138465	4225997	1.88	cps
Boron	10-1	39679	42065	43903	41882	5.06	cps
Boron	11-1	172555	181424	191066	181682	5.10	cps
Bromine	81-1	79188	80800	80946	80311	1.21	cps
Cadmium	111-1	8488	8155	8431	8358	2.13	cps
Cadmium	106-1	8528	8278	8403	8403	1.49	cps
Cadmium	108-1	617	617	496	576	12.10	cps
Calcium	43-1	50005	50451	49871	50109	0.61	cps
Calcium	44-1	820100	833446	830788	828111	0.85	cps
Carbon	12-1	11000969	10773453	10847475	10873966	1.07	cps
Carbon	12-2	102038	102759	102828	102542	0.43	cps
Chlorine	35-1	904482	898409	888602	897164	0.89	cps
Chlorine	35-2	5585	5426	5368	5460	2.05	cps
Chromium	52-2	14541	14227	14130	14299	1.50	cps
Cobalt	59-2	11922	11652	11415	11663	2.18	cps
Copper	63-2	18712	18496	18699	18636	0.65	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	3	17	7	9	78.08	cps
Erbium	164-1	117	150	133	133	12.50	cps
Erbium	164-2	33	60	20	38	53.92	cps
Gadolinium	160-1	108	108	67	94	25.47	cps
Gadolinium	160-2	77	110	87	91	18.77	cps
Holmium	165-1	16610454	17304971	16771290	16895572	2.15	cps
Holmium	165-2	5917251	6078896	6270705	6088950	2.91	cps
Indium	115-1	16196590	15625202	16241775	16021189	2.15	cps
Indium	115-2	2081055	2132009	2119045	2110703	1.25	cps
Iron	54-2	57203	56914	56612	56910	0.52	cps
Iron	56-2	1018060	1005850	1000946	1008285	0.87	cps
Iron	57-2	25796	25200	25551	25516	1.17	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BS	Instrumnet Name :	P8
Client Sample ID :	LCS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:52:31	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13950	14024	14078	14017	0.46	cps
Lead	206-1	18302	17723	18035	18020	1.61	cps
Lead	207-1	15548	15599	15921	15689	1.29	cps
Lead	208-1	72754	73479	72141	72791	0.92	cps
Lithium	6-1	8627497	9381637	9005136	9004757	4.19	cps
Magnesium	24-2	268572	257702	262332	262869	2.08	cps
Manganese	55-2	3901	3837	3757	3832	1.88	cps
Molybdenum	94-1	59763	61462	60425	60550	1.41	cps
Molybdenum	95-1	76034	77567	74534	76045	1.99	cps
Molybdenum	96-1	82655	82203	81976	82278	0.42	cps
Molybdenum	97-1	46027	45793	45216	45679	0.91	cps
Molybdenum	98-1	117311	120052	120365	119243	1.41	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	3350	3477	3597	3475	3.55	cps
Phosphorus	31-2	283	292	217	264	15.58	cps
Potassium	39-2	213824	216655	213686	214722	0.78	cps
Rhodium	103-1	14578451	15175053	15399715	15051073	2.82	cps
Rhodium	103-2	5497368	5480146	5722980	5566831	2.43	cps
Scandium	45-1	12415386	12988676	12431441	12611834	2.59	cps
Scandium	45-2	330874	327135	329146	329052	0.57	cps
Selenium	82-1	3294	2689	3014	2999	10.11	cps
Selenium	77-2	57	83	77	72	19.21	cps
Selenium	78-2	397	362	376	378	4.66	cps
Silicon	28-1	1086318	1093142	1063780	1081080	1.42	cps
Silver	107-1	33642	34110	34636	34129	1.46	cps
Silver	109-1	32430	33491	32448	32790	1.85	cps
Sodium	23-2	499830	484857	490801	491829	1.53	cps
Strontium	86-1	44287	42816	42507	43203	2.20	cps
Strontium	88-1	181999	181734	178604	180779	1.04	cps
Sulfur	34-1	425648	426498	428752	426966	0.38	cps
Terbium	159-1	17803907	17617033	17804994	17741978	0.61	cps
Terbium	159-2	5962882	6046150	5881950	5963661	1.38	cps
Thallium	203-1	20717	21244	20642	20868	1.57	cps
Thallium	205-1	51311	50107	48986	50135	2.32	cps
Tin	118-1	3050	3184	3084	3106	2.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143952BS	Instrumnet Name :	P8
Client Sample ID :	LCS952	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:52:31	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	22293	21976	21926	22065	0.90	cps
Uranium	238-1	58009	58461	57648	58040	0.70	cps
Vanadium	51-2	25042	23813	24605	24487	2.54	cps
Ytterbium	172-1	167	25	108	100	71.20	cps
Ytterbium	172-2	33	11	61	35	71.20	cps
Ytterbium	176-1	2434	2300	2459	2398	3.55	cps
Ytterbium	176-2	7185	7636	7669	7497	3.60	cps
Yttrium	89-1	26141840	26444912	26707978	26431577	1.07	cps
Yttrium	89-2	2484786	2458585	2505294	2482888	0.94	cps
Zinc	66-2	6175	6021	5748	5981	3.61	cps
Zirconium	90-1	45383	46629	47164	46392	1.97	cps
Zirconium	91-1	10679	10346	10404	10476	1.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BL	Instrumnet Name :	P8
Client Sample ID :	PBS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	130	101	115	12.46	cps
Antimony	121-1	192	258	133	194	32.17	cps
Arsenic	75-2	2	8	10	7	62.45	cps
Barium	135-1	108	75	83	89	19.52	cps
Barium	137-1	50	167	150	122	51.63	cps
Beryllium	9-1	60	50	74	61	19.66	cps
Bismuth	209-1	10078452	9589778	9735815	9801349	2.56	cps
Bismuth	209-2	4139825	4157703	4073319	4123616	1.08	cps
Boron	10-1	8985	8327	7921	8411	6.39	cps
Boron	11-1	37864	37094	35741	36899	2.91	cps
Bromine	81-1	80420	83731	87219	83790	4.06	cps
Cadmium	111-1	1597	1474	1583	1551	4.35	cps
Cadmium	106-1	7802	7294	7677	7591	3.49	cps
Cadmium	108-1	79	92	63	78	18.82	cps
Calcium	43-1	319	266	329	305	11.02	cps
Calcium	44-1	16605	16294	16528	16476	0.98	cps
Carbon	12-1	11267465	11267505	11083459	11206143	0.95	cps
Carbon	12-2	104044	107275	105485	105601	1.53	cps
Chlorine	35-1	708981	703730	693642	702117	1.11	cps
Chlorine	35-2	4451	4209	4768	4476	6.26	cps
Chromium	52-2	1547	1460	1450	1486	3.58	cps
Cobalt	59-2	70	97	83	83	16.00	cps
Copper	63-2	1043	1103	967	1038	6.60	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	192	117	142	150	25.46	cps
Erbium	164-2	27	30	33	30	11.10	cps
Gadolinium	160-1	100	108	83	97	13.09	cps
Gadolinium	160-2	137	120	90	116	20.47	cps
Holmium	165-1	16381245	16013882	15951406	16115511	1.44	cps
Holmium	165-2	5890448	5832743	5898373	5873855	0.61	cps
Indium	115-1	15484158	15501280	15880474	15621971	1.43	cps
Indium	115-2	2075682	2059980	2047534	2061065	0.68	cps
Iron	54-2	728	994	772	832	17.18	cps
Iron	56-2	6891	7930	7219	7347	7.23	cps
Iron	57-2	183	239	183	202	15.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BL	Instrumnet Name :	P8
Client Sample ID :	PBS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13746	13780	13919	13815	0.66	cps
Lead	206-1	1239	1161	1239	1213	3.70	cps
Lead	207-1	1022	1078	928	1009	7.51	cps
Lead	208-1	4856	4589	4662	4702	2.93	cps
Lithium	6-1	8745520	9052535	9023760	8940605	1.90	cps
Magnesium	24-2	417	708	450	525	30.41	cps
Manganese	55-2	90	143	97	110	26.42	cps
Molybdenum	94-1	425	458	525	469	10.85	cps
Molybdenum	95-1	250	200	217	222	11.46	cps
Molybdenum	96-1	617	617	750	661	11.64	cps
Molybdenum	97-1	108	158	183	150	25.46	cps
Molybdenum	98-1	333	308	433	358	18.46	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	43	83	87	71	33.91	cps
Phosphorus	31-2	225	125	275	208	36.66	cps
Potassium	39-2	20699	20223	19822	20248	2.17	cps
Rhodium	103-1	14603132	14754811	14585862	14647935	0.63	cps
Rhodium	103-2	5619573	5609632	5429492	5552899	1.93	cps
Scandium	45-1	12587704	12284330	12734437	12535490	1.83	cps
Scandium	45-2	333304	332505	328743	331517	0.73	cps
Selenium	82-1	89	270	343	234	55.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	127	121	131	126	3.98	cps
Silicon	28-1	877508	880464	879600	879191	0.17	cps
Silver	107-1	742	542	583	622	16.96	cps
Silver	109-1	575	617	525	572	8.02	cps
Sodium	23-2	23094	23795	23010	23300	1.85	cps
Strontium	86-1	21826	21801	22210	21945	1.04	cps
Strontium	88-1	475	425	433	444	6.03	cps
Sulfur	34-1	446728	448758	444040	446509	0.53	cps
Terbium	159-1	16812550	17597287	16875759	17095199	2.55	cps
Terbium	159-2	6080604	5998558	5818956	5966039	2.24	cps
Thallium	203-1	817	908	1000	908	10.09	cps
Thallium	205-1	1942	2209	2134	2095	6.57	cps
Tin	118-1	1817	1642	1817	1758	5.75	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BL	Instrumnet Name :	P8
Client Sample ID :	PBS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450	458	550	486	11.41	cps
Uranium	238-1	92	33	83	69	45.44	cps
Vanadium	51-2	13	20	17	17	20.01	cps
Ytterbium	172-1	67	75	100	81	21.53	cps
Ytterbium	172-2	50	44	28	41	28.38	cps
Ytterbium	176-1	2142	2159	2167	2156	0.59	cps
Ytterbium	176-2	7413	7519	7675	7536	1.74	cps
Yttrium	89-1	26249849	26209093	25323734	25927559	2.02	cps
Yttrium	89-2	2528849	2505464	2464394	2499569	1.31	cps
Zinc	66-2	147	263	203	204	28.54	cps
Zirconium	90-1	1083	1000	1258	1114	11.84	cps
Zirconium	91-1	225	267	308	267	15.62	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BS	Instrumnet Name :	P8
Client Sample ID :	LCS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:58:34	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4165	4144	4264	4191	1.53	cps
Antimony	121-1	40845	41405	41347	41199	0.75	cps
Arsenic	75-2	643	639	703	662	5.42	cps
Barium	135-1	55114	54637	56017	55256	1.27	cps
Barium	137-1	96622	97434	95154	96403	1.20	cps
Beryllium	9-1	9831	9853	9533	9739	1.84	cps
Bismuth	209-1	9866354	10121196	9527626	9838392	3.03	cps
Bismuth	209-2	4135567	4039041	3979394	4051334	1.95	cps
Boron	10-1	39853	42177	44596	42209	5.62	cps
Boron	11-1	177052	189370	195291	187238	4.97	cps
Bromine	81-1	80679	81188	83903	81923	2.12	cps
Cadmium	111-1	8800	8099	8041	8314	5.08	cps
Cadmium	106-1	8078	8161	7511	7916	4.47	cps
Cadmium	108-1	663	579	542	594	10.40	cps
Calcium	43-1	50133	50570	49402	50035	1.18	cps
Calcium	44-1	826563	821329	816756	821549	0.60	cps
Carbon	12-1	10705297	11028553	10698277	10810709	1.75	cps
Carbon	12-2	103473	102399	101459	102444	0.98	cps
Chlorine	35-1	621272	616584	599196	612351	1.90	cps
Chlorine	35-2	3476	4001	3459	3645	8.45	cps
Chromium	52-2	14481	13293	13864	13879	4.28	cps
Cobalt	59-2	11752	11144	11515	11470	2.67	cps
Copper	63-2	18502	18692	18342	18512	0.95	cps
Dysprosium	156-1	50	25	8	28	75.51	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	100	192	125	139	34.12	cps
Erbium	164-2	33	47	53	44	22.92	cps
Gadolinium	160-1	92	92	83	89	5.41	cps
Gadolinium	160-2	123	93	113	110	13.89	cps
Holmium	165-1	16785869	16762518	15940879	16496422	2.92	cps
Holmium	165-2	5934558	6017293	5983397	5978416	0.70	cps
Indium	115-1	15770322	15552538	15412376	15578412	1.16	cps
Indium	115-2	2045735	2013181	2064975	2041297	1.28	cps
Iron	54-2	57354	57471	55524	56783	1.92	cps
Iron	56-2	1017931	1006072	1022018	1015340	0.82	cps
Iron	57-2	25863	25245	24455	25187	2.80	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BS	Instrumnet Name :	P8
Client Sample ID :	LCS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:58:34	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14996	14866	15159	15007	0.98	cps
Lead	206-1	17545	17451	17078	17358	1.42	cps
Lead	207-1	15782	16099	14953	15612	3.79	cps
Lead	208-1	70024	73573	68929	70842	3.43	cps
Lithium	6-1	8851649	8705758	8992605	8850004	1.62	cps
Magnesium	24-2	253770	261957	260545	258757	1.69	cps
Manganese	55-2	3580	3857	3630	3689	4.00	cps
Molybdenum	94-1	60081	59486	60984	60184	1.25	cps
Molybdenum	95-1	74392	74409	74441	74414	0.03	cps
Molybdenum	96-1	83309	83947	82621	83292	0.80	cps
Molybdenum	97-1	47691	44673	46479	46281	3.28	cps
Molybdenum	98-1	118457	120229	115264	117983	2.13	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	3380	3260	3497	3379	3.50	cps
Phosphorus	31-2	383	333	250	322	20.90	cps
Potassium	39-2	215917	212080	214689	214228	0.91	cps
Rhodium	103-1	15249884	14994586	15166085	15136852	0.86	cps
Rhodium	103-2	5402136	5311471	5321273	5344960	0.93	cps
Scandium	45-1	12763573	12931653	12878040	12857755	0.67	cps
Scandium	45-2	323127	315842	323119	320696	1.31	cps
Selenium	82-1	2763	3420	2540	2908	15.73	cps
Selenium	77-2	83	90	70	81	12.55	cps
Selenium	78-2	395	393	393	394	0.29	cps
Silicon	28-1	1074319	1035891	1043969	1051393	1.93	cps
Silver	107-1	35447	36182	34477	35369	2.42	cps
Silver	109-1	32372	33600	33600	33191	2.14	cps
Sodium	23-2	497250	481412	491930	490197	1.64	cps
Strontium	86-1	46428	44396	45968	45597	2.34	cps
Strontium	88-1	181194	182580	183680	182485	0.68	cps
Sulfur	34-1	447477	443321	452224	447674	1.00	cps
Terbium	159-1	18149421	16921708	17199080	17423403	3.70	cps
Terbium	159-2	5812861	5782039	5837953	5810951	0.48	cps
Thallium	203-1	20984	20366	20125	20492	2.16	cps
Thallium	205-1	49755	50047	46928	48910	3.52	cps
Tin	118-1	2267	2184	2450	2300	5.93	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143953BS	Instrumnet Name :	P8
Client Sample ID :	LCS953	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 13:58:34	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	22410	22218	22059	22229	0.79	cps
Uranium	238-1	59190	58295	59098	58861	0.84	cps
Vanadium	51-2	24364	24287	24120	24257	0.51	cps
Ytterbium	172-1	100	117	67	94	26.96	cps
Ytterbium	172-2	22	50	11	28	72.12	cps
Ytterbium	176-1	2525	2350	2350	2409	4.20	cps
Ytterbium	176-2	7158	7369	7413	7313	1.87	cps
Yttrium	89-1	26044129	26648345	26340422	26344298	1.15	cps
Yttrium	89-2	2483088	2390002	2386622	2419904	2.26	cps
Zinc	66-2	6015	6311	5828	6051	4.03	cps
Zirconium	90-1	48803	46144	46554	47167	3.03	cps
Zirconium	91-1	10488	11138	10479	10702	3.53	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BL	Instrumnet Name :	P8
Client Sample ID :	PBS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:01:37	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	124	124	124	0.58	cps
Antimony	121-1	133	175	308	206	44.47	cps
Arsenic	75-2	5	5	8	6	28.87	cps
Barium	135-1	42	92	33	56	56.79	cps
Barium	137-1	150	75	83	103	39.99	cps
Beryllium	9-1	56	44	50	50	12.00	cps
Bismuth	209-1	9884413	9332395	9482576	9566461	2.98	cps
Bismuth	209-2	4055992	4030703	3984007	4023567	0.91	cps
Boron	10-1	7827	7685	7284	7599	3.70	cps
Boron	11-1	35665	34426	31710	33934	5.96	cps
Bromine	81-1	84665	79833	82303	82267	2.94	cps
Cadmium	111-1	1503	1372	1431	1435	4.57	cps
Cadmium	106-1	7569	6719	6969	7085	6.17	cps
Cadmium	108-1	75	67	42	61	28.38	cps
Calcium	43-1	1049	1021	986	1019	3.08	cps
Calcium	44-1	28331	28017	27359	27902	1.78	cps
Carbon	12-1	11423813	11365263	11027137	11272071	1.90	cps
Carbon	12-2	105654	108114	105318	106362	1.44	cps
Chlorine	35-1	546746	547542	539417	544568	0.82	cps
Chlorine	35-2	3267	3542	3501	3437	4.31	cps
Chromium	52-2	1687	1890	1800	1792	5.69	cps
Cobalt	59-2	130	97	103	110	16.03	cps
Copper	63-2	1117	1260	1127	1168	6.85	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	83	142	125	117	25.75	cps
Erbium	164-2	43	37	60	47	25.75	cps
Gadolinium	160-1	117	100	117	111	8.66	cps
Gadolinium	160-2	97	80	83	87	10.18	cps
Holmium	165-1	16450376	14611226	16010752	15690785	6.12	cps
Holmium	165-2	5896193	5938123	5686411	5840242	2.31	cps
Indium	115-1	15895897	15010693	14667317	15191303	4.17	cps
Indium	115-2	2048815	2049000	2015027	2037614	0.96	cps
Iron	54-2	5151	5779	5807	5579	6.65	cps
Iron	56-2	95339	93606	94993	94646	0.97	cps
Iron	57-2	2339	2306	2284	2309	1.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BL	Instrumnet Name :	P8
Client Sample ID :	PBS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:01:37	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14876	14280	14549	14569	2.05	cps
Lead	206-1	3606	3495	3673	3591	2.50	cps
Lead	207-1	2995	2962	2961	2973	0.65	cps
Lead	208-1	13953	14014	14403	14124	1.73	cps
Lithium	6-1	9389118	8436293	8562841	8796084	5.88	cps
Magnesium	24-2	475	483	558	506	9.08	cps
Manganese	55-2	1337	1270	1397	1335	4.75	cps
Molybdenum	94-1	425	425	417	422	1.14	cps
Molybdenum	95-1	167	83	175	142	35.78	cps
Molybdenum	96-1	567	558	558	561	0.86	cps
Molybdenum	97-1	100	92	83	92	9.09	cps
Molybdenum	98-1	242	267	233	247	7.02	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	63	97	93	84	21.74	cps
Phosphorus	31-2	250	233	208	231	9.10	cps
Potassium	39-2	20532	20365	20598	20498	0.59	cps
Rhodium	103-1	15163363	14462543	14070319	14565408	3.80	cps
Rhodium	103-2	5329989	5456080	5393682	5393250	1.17	cps
Scandium	45-1	12912790	11489530	11754646	12052322	6.28	cps
Scandium	45-2	318856	327563	320480	322300	1.44	cps
Selenium	82-1	-415	169	-41	-96	-308.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	109	129	118	119	8.44	cps
Silicon	28-1	890017	880860	872101	880993	1.02	cps
Silver	107-1	583	642	467	564	15.80	cps
Silver	109-1	500	508	500	503	0.96	cps
Sodium	23-2	22217	21984	22084	22095	0.53	cps
Strontium	86-1	22193	23353	24029	23192	4.00	cps
Strontium	88-1	483	708	575	589	19.21	cps
Sulfur	34-1	437151	439049	442214	439471	0.58	cps
Terbium	159-1	17799972	16101105	16298078	16733051	5.55	cps
Terbium	159-2	5766290	5729118	5713972	5736460	0.47	cps
Thallium	203-1	750	825	708	761	7.77	cps
Thallium	205-1	1934	1467	1809	1736	13.92	cps
Tin	118-1	1783	1867	1708	1786	4.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BL	Instrumnet Name :	P8
Client Sample ID :	PBS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:01:37	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	450	458	408	439	6.10	cps
Uranium	238-1	92	58	25	58	57.14	cps
Vanadium	51-2	10	23	17	17	39.99	cps
Ytterbium	172-1	108	83	100	97	13.09	cps
Ytterbium	172-2	39	28	33	33	16.67	cps
Ytterbium	176-1	2350	2292	2200	2281	3.32	cps
Ytterbium	176-2	7152	8008	7374	7512	5.91	cps
Yttrium	89-1	26711877	24475742	24480972	25222864	5.11	cps
Yttrium	89-2	2345639	2482621	2411326	2413195	2.84	cps
Zinc	66-2	143	180	203	176	17.23	cps
Zirconium	90-1	1208	1283	1083	1192	8.48	cps
Zirconium	91-1	308	200	192	233	27.90	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BS	Instrumnet Name :	P8
Client Sample ID :	LCS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:04:37	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4206	4141	4183	4177	0.79	cps
Antimony	121-1	39875	41046	39190	40037	2.34	cps
Arsenic	75-2	636	610	683	643	5.75	cps
Barium	135-1	53800	57155	55255	55403	3.04	cps
Barium	137-1	94440	97713	94776	95643	1.88	cps
Beryllium	9-1	9417	9619	9973	9670	2.91	cps
Bismuth	209-1	9568983	9994820	9587784	9717196	2.48	cps
Bismuth	209-2	4240393	4171206	4224761	4212120	0.86	cps
Boron	10-1	38623	40815	42261	40566	4.51	cps
Boron	11-1	174102	185468	190329	183300	4.54	cps
Bromine	81-1	78720	83942	84759	82474	3.97	cps
Cadmium	111-1	8014	8604	8515	8377	3.80	cps
Cadmium	106-1	8328	8119	8086	8178	1.60	cps
Cadmium	108-1	529	717	542	596	17.59	cps
Calcium	43-1	49591	50090	50078	49920	0.57	cps
Calcium	44-1	818166	832308	820682	823718	0.92	cps
Carbon	12-1	10724916	10906335	10788933	10806728	0.85	cps
Carbon	12-2	102457	101904	99277	101213	1.68	cps
Chlorine	35-1	461841	453827	457278	457649	0.88	cps
Chlorine	35-2	2950	2692	2992	2878	5.65	cps
Chromium	52-2	14561	14477	14281	14440	1.00	cps
Cobalt	59-2	11565	11588	11845	11666	1.33	cps
Copper	63-2	18419	18162	18455	18345	0.87	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	100	125	158	128	22.91	cps
Erbium	164-2	53	67	37	52	28.78	cps
Gadolinium	160-1	142	100	50	97	47.21	cps
Gadolinium	160-2	77	87	93	86	9.80	cps
Holmium	165-1	16330798	17031104	16460361	16607421	2.24	cps
Holmium	165-2	5905096	6005914	6014337	5975116	1.02	cps
Indium	115-1	15716358	16032863	15884080	15877767	1.00	cps
Indium	115-2	2071377	2109101	2151779	2110752	1.91	cps
Iron	54-2	57104	57767	57650	57507	0.62	cps
Iron	56-2	1028399	1006843	1011292	1015512	1.12	cps
Iron	57-2	25584	25490	25629	25568	0.28	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BS	Instrumnet Name :	P8
Client Sample ID :	LCS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:04:37	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14663	14566	14715	14648	0.52	cps
Lead	206-1	18425	16694	16650	17256	5.86	cps
Lead	207-1	15587	15137	15209	15311	1.58	cps
Lead	208-1	70430	68105	68484	69006	1.81	cps
Lithium	6-1	9502926	9140604	9087643	9243724	2.45	cps
Magnesium	24-2	269573	259587	264125	264428	1.89	cps
Manganese	55-2	3614	3424	3677	3572	3.69	cps
Molybdenum	94-1	59696	59788	59253	59579	0.48	cps
Molybdenum	95-1	72616	72750	74090	73152	1.11	cps
Molybdenum	96-1	82873	82414	82462	82583	0.31	cps
Molybdenum	97-1	45024	45199	46069	45431	1.23	cps
Molybdenum	98-1	116473	118379	117523	117458	0.81	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3250	3424	3267	3314	2.89	cps
Phosphorus	31-2	325	292	375	331	12.69	cps
Potassium	39-2	211598	221230	212316	215048	2.50	cps
Rhodium	103-1	15124597	14843231	14576739	14848189	1.85	cps
Rhodium	103-2	5464533	5320030	5654526	5479697	3.06	cps
Scandium	45-1	12520197	12562231	12756949	12613126	1.00	cps
Scandium	45-2	331420	326189	328690	328766	0.80	cps
Selenium	82-1	2678	3293	2957	2976	10.36	cps
Selenium	77-2	77	97	73	82	15.35	cps
Selenium	78-2	365	364	374	368	1.50	cps
Silicon	28-1	1037376	1075263	1066419	1059686	1.87	cps
Silver	107-1	33917	33809	34920	34216	1.79	cps
Silver	109-1	31086	33843	33784	32904	4.79	cps
Sodium	23-2	502622	496821	504270	501238	0.78	cps
Strontium	86-1	43903	44279	44003	44062	0.44	cps
Strontium	88-1	178114	180360	177481	178652	0.85	cps
Sulfur	34-1	452792	448228	447304	449441	0.65	cps
Terbium	159-1	17151918	17730398	17039188	17307168	2.14	cps
Terbium	159-2	5886403	5780470	5868938	5845270	0.97	cps
Thallium	203-1	20942	19557	19791	20097	3.69	cps
Thallium	205-1	49336	49370	48358	49022	1.17	cps
Tin	118-1	2375	2234	2267	2292	3.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143954BS	Instrumnet Name :	P8
Client Sample ID :	LCS954	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:04:37	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21884	22886	21892	22220	2.59	cps
Uranium	238-1	56562	58327	57750	57546	1.56	cps
Vanadium	51-2	25433	24908	25089	25143	1.06	cps
Ytterbium	172-1	100	125	67	97	30.10	cps
Ytterbium	172-2	56	39	50	48	17.63	cps
Ytterbium	176-1	2459	2342	2275	2359	3.94	cps
Ytterbium	176-2	7430	7413	7663	7502	1.86	cps
Yttrium	89-1	26432065	26239455	26524844	26398788	0.55	cps
Yttrium	89-2	2408016	2491295	2493409	2464240	1.98	cps
Zinc	66-2	5745	5378	5394	5506	3.76	cps
Zirconium	90-1	47281	45074	48653	47002	3.84	cps
Zirconium	91-1	10563	10729	10062	10451	3.32	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BL	Instrumnet Name :	P8
Client Sample ID :	PBS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:07:39	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	85	104	96	10.31	cps
Antimony	121-1	133	158	125	139	12.49	cps
Arsenic	75-2	5	6	10	7	37.80	cps
Barium	135-1	108	50	42	67	54.49	cps
Barium	137-1	67	108	100	92	24.05	cps
Beryllium	9-1	50	56	58	55	7.62	cps
Bismuth	209-1	9634477	9828300	9797029	9753269	1.07	cps
Bismuth	209-2	4220543	3999440	4108228	4109404	2.69	cps
Boron	10-1	8127	7657	7252	7679	5.70	cps
Boron	11-1	35626	34191	32680	34166	4.31	cps
Bromine	81-1	82270	84410	85554	84078	1.98	cps
Cadmium	111-1	1507	1606	1443	1519	5.41	cps
Cadmium	106-1	7461	8036	7144	7547	5.99	cps
Cadmium	108-1	63	67	63	64	3.77	cps
Calcium	43-1	275	270	254	266	4.17	cps
Calcium	44-1	16331	15749	15811	15964	2.00	cps
Carbon	12-1	11485463	11282106	11305289	11357619	0.98	cps
Carbon	12-2	111464	105889	107216	108190	2.69	cps
Chlorine	35-1	412497	415859	405851	411402	1.24	cps
Chlorine	35-2	2434	2459	2525	2473	1.92	cps
Chromium	52-2	1527	1617	1540	1561	3.11	cps
Cobalt	59-2	87	93	60	80	22.05	cps
Copper	63-2	1083	933	913	977	9.51	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	175	92	100	122	37.55	cps
Erbium	164-2	47	47	20	38	40.76	cps
Gadolinium	160-1	125	117	92	111	15.61	cps
Gadolinium	160-2	83	117	120	107	19.01	cps
Holmium	165-1	16678211	16461898	16123494	16421201	1.70	cps
Holmium	165-2	5836770	5774502	5904450	5838574	1.11	cps
Indium	115-1	15760157	15849723	16086387	15898756	1.06	cps
Indium	115-2	2122854	2014198	2045050	2060701	2.72	cps
Iron	54-2	956	744	950	883	13.62	cps
Iron	56-2	6468	6813	6724	6668	2.68	cps
Iron	57-2	167	256	211	211	21.05	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BL	Instrumnet Name :	P8
Client Sample ID :	PBS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:07:39	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14668	14620	14349	14546	1.18	cps
Lead	206-1	1250	1089	1111	1150	7.59	cps
Lead	207-1	1039	789	900	909	13.78	cps
Lead	208-1	4789	4095	4295	4393	8.14	cps
Lithium	6-1	9160886	8829530	8896545	8962320	1.95	cps
Magnesium	24-2	500	433	500	478	8.06	cps
Manganese	55-2	77	100	80	86	14.75	cps
Molybdenum	94-1	450	542	458	483	10.49	cps
Molybdenum	95-1	150	133	108	131	16.06	cps
Molybdenum	96-1	642	592	600	611	4.38	cps
Molybdenum	97-1	92	117	92	100	14.43	cps
Molybdenum	98-1	292	250	158	233	29.23	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	50	63	37	50	26.66	cps
Phosphorus	31-2	217	217	150	194	19.80	cps
Potassium	39-2	20715	20473	20014	20401	1.75	cps
Rhodium	103-1	15117716	14921656	15162200	15067190	0.85	cps
Rhodium	103-2	5441220	5348945	5319610	5369925	1.18	cps
Scandium	45-1	12834603	12852539	12762689	12816610	0.37	cps
Scandium	45-2	328083	320518	325119	324573	1.17	cps
Selenium	82-1	-216	-374	-19	-203	-87.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	143	132	138	138	4.00	cps
Silicon	28-1	870340	876022	880231	875531	0.57	cps
Silver	107-1	617	633	567	606	5.73	cps
Silver	109-1	550	550	492	531	6.35	cps
Sodium	23-2	21358	20498	21525	21127	2.61	cps
Strontium	86-1	23554	23370	22043	22989	3.59	cps
Strontium	88-1	408	492	433	444	9.62	cps
Sulfur	34-1	456018	459730	455282	457010	0.52	cps
Terbium	159-1	17702582	17227112	17105534	17345076	1.82	cps
Terbium	159-2	5887862	5814430	5900746	5867679	0.79	cps
Thallium	203-1	592	658	700	650	8.41	cps
Thallium	205-1	1433	1500	1517	1483	2.97	cps
Tin	118-1	1842	1683	1825	1784	4.88	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BL	Instrumnet Name :	P8
Client Sample ID :	PBS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:07:39	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	442	467	456	2.79	cps
Uranium	238-1	42	50	25	39	32.73	cps
Vanadium	51-2	7	7	20	11	69.25	cps
Ytterbium	172-1	75	100	100	92	15.75	cps
Ytterbium	172-2	28	17	28	24	26.64	cps
Ytterbium	176-1	2550	2134	2392	2359	8.92	cps
Ytterbium	176-2	7097	7508	7802	7469	4.75	cps
Yttrium	89-1	26323599	26138090	26073735	26178475	0.50	cps
Yttrium	89-2	2481057	2428105	2438949	2449371	1.14	cps
Zinc	66-2	117	140	177	144	20.94	cps
Zirconium	90-1	1108	1208	1392	1236	11.63	cps
Zirconium	91-1	183	333	250	256	29.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BS	Instrumnet Name :	P8
Client Sample ID :	LCS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:10:40	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4414	4426	4204	4348	2.88	cps
Antimony	121-1	40879	39483	39742	40034	1.85	cps
Arsenic	75-2	610	627	621	619	1.39	cps
Barium	135-1	55314	54854	55180	55116	0.43	cps
Barium	137-1	97454	96388	95815	96552	0.86	cps
Beryllium	9-1	9779	9725	10168	9891	2.44	cps
Bismuth	209-1	10027499	9268953	9608658	9635037	3.94	cps
Bismuth	209-2	4248317	4219696	4284408	4250807	0.76	cps
Boron	10-1	39344	40849	41074	40422	2.33	cps
Boron	11-1	165923	182165	184744	177611	5.74	cps
Bromine	81-1	81942	84113	78113	81389	3.73	cps
Cadmium	111-1	8269	8076	8018	8121	1.62	cps
Cadmium	106-1	8203	8311	8044	8186	1.64	cps
Cadmium	108-1	575	583	621	593	4.12	cps
Calcium	43-1	50452	50223	50065	50247	0.39	cps
Calcium	44-1	829496	814989	821682	822056	0.88	cps
Carbon	12-1	11150217	10969742	11012764	11044241	0.85	cps
Carbon	12-2	103800	104865	103389	104018	0.73	cps
Chlorine	35-1	371323	369037	360898	367086	1.49	cps
Chlorine	35-2	2350	2242	2167	2253	4.09	cps
Chromium	52-2	14497	14404	14544	14482	0.49	cps
Cobalt	59-2	11822	11144	11842	11603	3.42	cps
Copper	63-2	18309	18916	18265	18497	1.97	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	83	75	117	92	24.05	cps
Erbium	164-2	43	47	40	43	7.70	cps
Gadolinium	160-1	150	117	117	128	15.06	cps
Gadolinium	160-2	93	110	77	93	17.86	cps
Holmium	165-1	16459113	16332299	16479588	16423667	0.49	cps
Holmium	165-2	5909031	5877610	5905613	5897418	0.29	cps
Indium	115-1	15978928	15634426	15543682	15719012	1.46	cps
Indium	115-2	2071069	2117595	2072038	2086901	1.27	cps
Iron	54-2	58414	58079	57036	57843	1.24	cps
Iron	56-2	1037892	1023429	1036979	1032766	0.78	cps
Iron	57-2	25846	25974	25373	25731	1.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BS	Instrumnet Name :	P8
Client Sample ID :	LCS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:10:40	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14511	14526	14468	14502	0.21	cps
Lead	206-1	17084	16895	17167	17049	0.82	cps
Lead	207-1	15231	15104	14848	15061	1.30	cps
Lead	208-1	69480	67609	69832	68974	1.73	cps
Lithium	6-1	9117827	9373885	9038220	9176644	1.91	cps
Magnesium	24-2	268556	258792	265676	264341	1.90	cps
Manganese	55-2	3707	3934	3897	3846	3.16	cps
Molybdenum	94-1	60399	60156	58231	59595	1.99	cps
Molybdenum	95-1	73830	71653	74895	73459	2.25	cps
Molybdenum	96-1	82353	81791	81717	81954	0.42	cps
Molybdenum	97-1	46738	45877	45550	46055	1.33	cps
Molybdenum	98-1	115135	116604	116102	115947	0.64	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	3477	3344	3414	3412	1.96	cps
Phosphorus	31-2	283	317	242	281	13.40	cps
Potassium	39-2	216181	215616	212145	214648	1.02	cps
Rhodium	103-1	14983409	14894510	15229243	15035720	1.15	cps
Rhodium	103-2	5590763	5681306	5561884	5611318	1.11	cps
Scandium	45-1	12545123	13124223	12541221	12736856	2.63	cps
Scandium	45-2	330140	331239	323167	328182	1.33	cps
Selenium	82-1	3039	3048	2784	2957	5.07	cps
Selenium	77-2	77	57	67	67	15.00	cps
Selenium	78-2	384	395	384	388	1.64	cps
Silicon	28-1	1073548	1031542	1062774	1055955	2.07	cps
Silver	107-1	33450	35847	34678	34658	3.46	cps
Silver	109-1	32055	33868	33625	33183	2.97	cps
Sodium	23-2	507353	511360	493809	504174	1.82	cps
Strontium	86-1	44564	44806	42724	44031	2.59	cps
Strontium	88-1	179438	185415	182792	182548	1.64	cps
Sulfur	34-1	458434	450653	457211	455432	0.92	cps
Terbium	159-1	17560949	17153477	16829794	17181407	2.13	cps
Terbium	159-2	5894669	6130276	5933301	5986082	2.11	cps
Thallium	203-1	20291	19916	20333	20180	1.14	cps
Thallium	205-1	48936	46920	47546	47801	2.16	cps
Tin	118-1	2567	2659	2475	2567	3.57	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143955BS	Instrumnet Name :	P8
Client Sample ID :	LCS955	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:10:40	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21767	22251	20983	21667	2.95	cps
Uranium	238-1	61073	58026	58319	59139	2.84	cps
Vanadium	51-2	24972	25146	24685	24934	0.93	cps
Ytterbium	172-1	92	108	117	106	12.06	cps
Ytterbium	172-2	33	39	39	37	8.67	cps
Ytterbium	176-1	2517	2559	2475	2517	1.66	cps
Ytterbium	176-2	7174	7458	7613	7415	3.00	cps
Yttrium	89-1	26962285	26654989	26484235	26700503	0.91	cps
Yttrium	89-2	2518728	2479582	2422079	2473463	1.97	cps
Zinc	66-2	5825	6008	5615	5816	3.39	cps
Zirconium	90-1	47674	47139	48828	47880	1.80	cps
Zirconium	91-1	10729	10354	10471	10518	1.83	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BL	Instrumnet Name :	P8
Client Sample ID :	PBW729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:13:43	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	109	99	99	9.46	cps
Antimony	121-1	117	192	133	147	26.75	cps
Arsenic	75-2	7	7	3	6	40.75	cps
Barium	135-1	75	58	50	61	20.83	cps
Barium	137-1	58	58	100	72	33.30	cps
Beryllium	9-1	38	40	48	42	12.60	cps
Bismuth	209-1	9719652	9930773	9408678	9686368	2.71	cps
Bismuth	209-2	4170516	4225471	4335323	4243770	1.98	cps
Boron	10-1	7480	7270	7114	7288	2.52	cps
Boron	11-1	33161	32490	30979	32210	3.47	cps
Bromine	81-1	82996	81083	78010	80696	3.12	cps
Cadmium	111-1	1536	1625	1453	1538	5.60	cps
Cadmium	106-1	7561	8086	7252	7633	5.52	cps
Cadmium	108-1	67	54	50	57	15.23	cps
Calcium	43-1	314	277	302	298	6.23	cps
Calcium	44-1	16112	15740	15741	15864	1.35	cps
Carbon	12-1	11285571	11148704	10998741	11144339	1.29	cps
Carbon	12-2	104605	106418	107668	106230	1.45	cps
Chlorine	35-1	341178	332319	327696	333731	2.05	cps
Chlorine	35-2	2075	1975	2134	2061	3.89	cps
Chromium	52-2	1557	1463	1520	1513	3.11	cps
Cobalt	59-2	83	83	103	90	12.84	cps
Copper	63-2	1043	960	907	970	7.10	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	167	125	75	122	37.55	cps
Erbium	164-2	33	50	33	39	24.75	cps
Gadolinium	160-1	83	83	108	92	15.74	cps
Gadolinium	160-2	90	83	83	86	4.50	cps
Holmium	165-1	16570099	16289631	16514896	16458209	0.90	cps
Holmium	165-2	5915976	5868726	5806236	5863646	0.94	cps
Indium	115-1	16196615	15021080	15736333	15651343	3.78	cps
Indium	115-2	2008906	2054442	2096384	2053244	2.13	cps
Iron	54-2	839	761	906	835	8.66	cps
Iron	56-2	6502	6679	6507	6563	1.54	cps
Iron	57-2	183	250	172	202	20.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BL	Instrumnet Name :	P8
Client Sample ID :	PBW729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:13:43	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14519	14891	14543	14651	1.42	cps
Lead	206-1	1133	1033	1167	1111	6.24	cps
Lead	207-1	906	1000	945	950	5.00	cps
Lead	208-1	4434	4495	4428	4452	0.83	cps
Lithium	6-1	9042978	9248569	8998594	9096714	1.47	cps
Magnesium	24-2	408	367	392	389	5.39	cps
Manganese	55-2	67	73	67	69	5.58	cps
Molybdenum	94-1	417	467	442	442	5.66	cps
Molybdenum	95-1	75	150	117	114	33.00	cps
Molybdenum	96-1	533	642	500	558	13.27	cps
Molybdenum	97-1	92	75	67	78	16.37	cps
Molybdenum	98-1	167	208	200	192	11.50	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	67	57	50	58	14.52	cps
Phosphorus	31-2	150	225	242	206	23.76	cps
Potassium	39-2	19881	20114	20782	20259	2.31	cps
Rhodium	103-1	14476697	14616190	14817044	14636644	1.17	cps
Rhodium	103-2	5355421	5506242	5438209	5433291	1.39	cps
Scandium	45-1	12569276	12452578	12541642	12521166	0.49	cps
Scandium	45-2	321960	327413	324516	324630	0.84	cps
Selenium	82-1	44	-329	39	-82	-260.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	127	128	132	129	2.05	cps
Silicon	28-1	851389	879722	880810	870640	1.92	cps
Silver	107-1	625	500	467	531	15.73	cps
Silver	109-1	525	467	475	489	6.45	cps
Sodium	23-2	20256	20231	20373	20287	0.37	cps
Strontium	86-1	23779	23086	23128	23331	1.67	cps
Strontium	88-1	683	742	467	631	22.98	cps
Sulfur	34-1	455277	450844	458798	454973	0.88	cps
Terbium	159-1	17358609	17006041	17219914	17194855	1.03	cps
Terbium	159-2	5986879	6018394	5934761	5980012	0.71	cps
Thallium	203-1	575	550	550	558	2.59	cps
Thallium	205-1	1375	1158	1083	1206	12.56	cps
Tin	118-1	1792	1608	1483	1628	9.53	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BL	Instrumnet Name :	P8
Client Sample ID :	PBW729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:13:43	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	525	567	575	556	4.82	cps
Uranium	238-1	58	67	25	50	44.10	cps
Vanadium	51-2	7	13	0	7	99.98	cps
Ytterbium	172-1	75	83	75	78	6.19	cps
Ytterbium	172-2	28	33	33	31	10.18	cps
Ytterbium	176-1	2275	2359	2425	2353	3.19	cps
Ytterbium	176-2	6824	7280	7830	7311	6.89	cps
Yttrium	89-1	26742025	26423200	25941812	26369012	1.53	cps
Yttrium	89-2	2399890	2487266	2500101	2462419	2.21	cps
Zinc	66-2	170	187	193	183	6.56	cps
Zirconium	90-1	1192	1225	1242	1220	2.09	cps
Zirconium	91-1	192	233	225	217	10.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BS	Instrumnet Name :	P8
Client Sample ID :	LCS729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:16:43	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4306	4344	4261	4304	0.96	cps
Antimony	121-1	38355	41689	39424	39823	4.28	cps
Arsenic	75-2	673	631	689	664	4.51	cps
Barium	135-1	54996	57356	55331	55895	2.28	cps
Barium	137-1	97552	98115	99317	98328	0.92	cps
Beryllium	9-1	9913	9797	10118	9943	1.63	cps
Bismuth	209-1	9724616	9349204	9649311	9574377	2.07	cps
Bismuth	209-2	4218612	4274848	4091847	4195102	2.23	cps
Boron	10-1	39181	41241	42921	41114	4.56	cps
Boron	11-1	175260	180531	183990	179927	2.44	cps
Bromine	81-1	82722	78955	78232	79970	3.01	cps
Cadmium	111-1	8402	8409	8458	8423	0.36	cps
Cadmium	106-1	7986	8378	8311	8225	2.55	cps
Cadmium	108-1	633	729	700	688	7.15	cps
Calcium	43-1	50743	50916	51000	50886	0.26	cps
Calcium	44-1	833180	836143	838585	835969	0.32	cps
Carbon	12-1	10731212	10998407	10767979	10832533	1.34	cps
Carbon	12-2	102196	102499	102978	102558	0.38	cps
Chlorine	35-1	300085	305212	304037	303111	0.89	cps
Chlorine	35-2	1842	2025	1758	1875	7.28	cps
Chromium	52-2	15111	14988	14261	14787	3.11	cps
Cobalt	59-2	12342	11985	12039	12122	1.59	cps
Copper	63-2	18943	19043	19260	19082	0.85	cps
Dysprosium	156-1	33	0	33	22	86.60	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	100	125	150	125	20.00	cps
Erbium	164-2	43	47	50	47	7.15	cps
Gadolinium	160-1	117	67	92	92	27.27	cps
Gadolinium	160-2	87	83	90	87	3.85	cps
Holmium	165-1	16401847	16940827	16526797	16623157	1.70	cps
Holmium	165-2	6177774	5863517	5844435	5961909	3.14	cps
Indium	115-1	15643816	15902967	15649035	15731939	0.94	cps
Indium	115-2	2074231	2130015	2097283	2100510	1.33	cps
Iron	54-2	59675	58949	57984	58870	1.44	cps
Iron	56-2	1060237	1061242	1043766	1055082	0.93	cps
Iron	57-2	26826	26241	26119	26395	1.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BS	Instrumnet Name :	P8
Client Sample ID :	LCS729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:16:43	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14464	14569	14558	14531	0.40	cps
Lead	206-1	17195	17518	17479	17397	1.01	cps
Lead	207-1	15131	15415	14987	15178	1.44	cps
Lead	208-1	69870	68995	70728	69864	1.24	cps
Lithium	6-1	9106330	9960360	9602315	9556335	4.49	cps
Magnesium	24-2	271009	274876	275827	273904	0.93	cps
Manganese	55-2	3797	3777	3711	3762	1.21	cps
Molybdenum	94-1	60867	60148	63161	61392	2.56	cps
Molybdenum	95-1	76310	74836	75488	75545	0.98	cps
Molybdenum	96-1	83862	83469	82311	83214	0.97	cps
Molybdenum	97-1	46612	46997	48168	47259	1.71	cps
Molybdenum	98-1	120287	117044	123247	120193	2.58	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3594	3651	3314	3519	5.12	cps
Phosphorus	31-2	308	342	250	300	15.47	cps
Potassium	39-2	222388	217525	219049	219654	1.13	cps
Rhodium	103-1	15340855	14729840	15317029	15129241	2.29	cps
Rhodium	103-2	5546499	5585950	5378945	5503798	2.00	cps
Scandium	45-1	12076377	12644236	12751868	12490827	2.91	cps
Scandium	45-2	333468	327446	331044	330653	0.92	cps
Selenium	82-1	2878	2878	2515	2757	7.60	cps
Selenium	77-2	77	80	77	78	2.47	cps
Selenium	78-2	380	392	379	384	1.89	cps
Silicon	28-1	1071056	1081124	1073705	1075295	0.49	cps
Silver	107-1	34670	36967	36224	35953	3.26	cps
Silver	109-1	33851	34703	34110	34221	1.28	cps
Sodium	23-2	529918	516843	513302	520021	1.68	cps
Strontium	86-1	45023	43267	43594	43961	2.12	cps
Strontium	88-1	184031	182025	186381	184146	1.18	cps
Sulfur	34-1	464124	455321	454006	457817	1.20	cps
Terbium	159-1	17655202	17441040	17290087	17462110	1.05	cps
Terbium	159-2	6126189	5958283	5838792	5974421	2.42	cps
Thallium	203-1	21460	20534	20801	20931	2.28	cps
Thallium	205-1	47999	49889	48417	48768	2.04	cps
Tin	118-1	2542	2642	2734	2639	3.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143729BS	Instrumnet Name :	P8
Client Sample ID :	LCS729	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:16:43	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21876	22410	22335	22207	1.30	cps
Uranium	238-1	58203	60488	57097	58596	2.95	cps
Vanadium	51-2	25576	25937	25757	25757	0.70	cps
Ytterbium	172-1	92	125	108	108	15.38	cps
Ytterbium	172-2	11	28	56	31	71.32	cps
Ytterbium	176-1	2267	2334	2209	2270	2.76	cps
Ytterbium	176-2	6885	7302	7219	7135	3.09	cps
Yttrium	89-1	26107220	25773954	26094804	25991993	0.73	cps
Yttrium	89-2	2494424	2506826	2512802	2504684	0.37	cps
Zinc	66-2	6078	5911	5584	5858	4.29	cps
Zirconium	90-1	48410	48093	48360	48288	0.35	cps
Zirconium	91-1	10312	10237	10237	10262	0.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:19:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2651504	2607943	2619832	2626426	0.86	cps
Antimony	121-1	71890	71890	71941	71907	0.04	cps
Arsenic	75-2	14382	14220	14052	14218	1.16	cps
Barium	135-1	2278124	2270740	2345008	2297957	1.78	cps
Barium	137-1	3807607	3929450	4009395	3915484	2.60	cps
Beryllium	9-1	11378	11254	11002	11211	1.71	cps
Bismuth	209-1	10069207	9836978	10052223	9986136	1.30	cps
Bismuth	209-2	4092084	4309047	4352688	4251273	3.28	cps
Boron	10-1	42420	44305	44338	43688	2.51	cps
Boron	11-1	190898	196613	197446	194986	1.83	cps
Bromine	81-1	97560	102454	106396	102137	4.33	cps
Cadmium	111-1	37138	36918	36391	36816	1.04	cps
Cadmium	106-1	13432	12781	12740	12984	2.99	cps
Cadmium	108-1	3676	3817	3388	3627	6.03	cps
Calcium	43-1	9232772	9082115	8816358	9043749	2.33	cps
Calcium	44-1	148604118	148701206	142090154	146465159	2.59	cps
Carbon	12-1	29344979	29440224	29534467	29439890	0.32	cps
Carbon	12-2	276742	283372	275690	278601	1.49	cps
Chlorine	35-1	66906943	84797187	95337194	82347108	17.45	cps
Chlorine	35-2	713743	741825	789854	748474	5.14	cps
Chromium	52-2	216327	212613	208003	212314	1.96	cps
Cobalt	59-2	138250	139454	137764	138489	0.63	cps
Copper	63-2	818012	786462	789597	798024	2.18	cps
Dysprosium	156-1	152007	152641	147914	150854	1.70	cps
Dysprosium	156-2	46779	47320	46671	46923	0.74	cps
Erbium	164-1	112579	113632	115872	114028	1.47	cps
Erbium	164-2	38493	38790	37901	38395	1.18	cps
Gadolinium	160-1	123724	124835	125045	124535	0.57	cps
Gadolinium	160-2	48120	48736	49201	48686	1.11	cps
Holmium	165-1	16920804	17033563	17190150	17048172	0.79	cps
Holmium	165-2	6096776	6170312	6284466	6183851	1.53	cps
Indium	115-1	15724620	15446552	15799298	15656823	1.19	cps
Indium	115-2	2082986	2104983	2161777	2116582	1.92	cps
Iron	54-2	13272476	13468521	12956358	13232452	1.95	cps
Iron	56-2	240190928	240675805	242429767	241098833	0.49	cps
Iron	57-2	6127550	6107296	5963666	6066171	1.47	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:19:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	15141	14562	14589	14764	2.21	cps
Lead	206-1	7991369	8065370	8227382	8094707	1.49	cps
Lead	207-1	6891995	6787703	6957679	6879126	1.25	cps
Lead	208-1	32529307	31651514	32551764	32244195	1.59	cps
Lithium	6-1	9717501	10010556	9543283	9757113	2.42	cps
Magnesium	24-2	4116396	4124680	4033771	4091616	1.23	cps
Manganese	55-2	2731116	2794358	2800741	2775405	1.39	cps
Molybdenum	94-1	44213	44722	44614	44516	0.60	cps
Molybdenum	95-1	49623	48904	49916	49481	1.05	cps
Molybdenum	96-1	76881	73488	72750	74373	2.96	cps
Molybdenum	97-1	31678	31386	29256	30774	4.30	cps
Molybdenum	98-1	78465	78288	75222	77325	2.36	cps
Neodymium	150-1	243100	239059	244899	242353	1.23	cps
Neodymium	150-2	64552	63032	65288	64291	1.79	cps
Nickel	60-2	103990	102202	102309	102833	0.98	cps
Phosphorus	31-2	50816	50088	51434	50779	1.33	cps
Potassium	39-2	2225092	2210547	2166797	2200812	1.38	cps
Rhodium	103-1	15567774	15211972	15049938	15276561	1.73	cps
Rhodium	103-2	5401296	5436354	5439084	5425578	0.39	cps
Scandium	45-1	13833804	13498024	13093739	13475189	2.75	cps
Scandium	45-2	338978	336562	341486	339009	0.73	cps
Selenium	82-1	1289	1369	1302	1320	3.24	cps
Selenium	77-2	320	390	360	357	9.85	cps
Selenium	78-2	453	444	453	450	1.15	cps
Silicon	28-1	14105963	13860058	14019185	13995069	0.89	cps
Silver	107-1	45928	45576	45401	45635	0.59	cps
Silver	109-1	44641	42609	41547	42932	3.66	cps
Sodium	23-2	385007	374649	376703	378786	1.45	cps
Strontium	86-1	3391972	3368338	3405172	3388494	0.55	cps
Strontium	88-1	29358789	28920457	29904670	29394639	1.68	cps
Sulfur	34-1	756955	767777	764847	763193	0.73	cps
Terbium	159-1	18269077	18592378	18100499	18320651	1.36	cps
Terbium	159-2	6234548	6236519	6061881	6177649	1.62	cps
Thallium	203-1	10071	10371	10530	10324	2.26	cps
Thallium	205-1	22011	24833	25033	23959	7.05	cps
Tin	118-1	273915	271699	264939	270184	1.73	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:19:45	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1232856	1191002	1156344	1193401	3.21	cps
Uranium	238-1	200845	192812	198898	197518	2.12	cps
Vanadium	51-2	473814	477822	465019	472219	1.39	cps
Ytterbium	172-1	31973	33134	32365	32491	1.82	cps
Ytterbium	172-2	13268	12945	12556	12923	2.76	cps
Ytterbium	176-1	22286	23555	22645	22829	2.87	cps
Ytterbium	176-2	15682	15765	16349	15932	2.28	cps
Yttrium	89-1	29310541	29084214	29707043	29367266	1.07	cps
Yttrium	89-2	2686840	2666531	2733350	2695573	1.27	cps
Zinc	66-2	766729	767036	747327	760364	1.48	cps
Zirconium	90-1	43109	45652	42666	43809	3.68	cps
Zirconium	91-1	9712	9929	9729	9790	1.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q12D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:22:39	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2608562	2760642	2628748	2665984	3.10	cps
Antimony	121-1	71346	68824	68983	69718	2.03	cps
Arsenic	75-2	14594	14902	14919	14805	1.24	cps
Barium	135-1	2331632	2275764	2282720	2296705	1.33	cps
Barium	137-1	4062890	4004987	4065234	4044370	0.84	cps
Beryllium	9-1	12007	11442	11430	11626	2.83	cps
Bismuth	209-1	9657012	9968494	9763960	9796488	1.62	cps
Bismuth	209-2	4107735	4244315	4294343	4215464	2.29	cps
Boron	10-1	44636	45590	44901	45042	1.09	cps
Boron	11-1	196532	201047	209051	202210	3.14	cps
Bromine	81-1	99228	101211	98803	99747	1.29	cps
Cadmium	111-1	36496	36940	36781	36739	0.61	cps
Cadmium	106-1	12022	11146	12131	11766	4.59	cps
Cadmium	108-1	2871	2679	2842	2798	3.69	cps
Calcium	43-1	8787601	8644206	8611734	8681180	1.08	cps
Calcium	44-1	139897098	137834480	137939765	138557114	0.84	cps
Carbon	12-1	29535802	30080424	29696079	29770768	0.94	cps
Carbon	12-2	284769	283728	283657	284051	0.22	cps
Chlorine	35-1	114091998	127508640	136500736	126033792	8.95	cps
Chlorine	35-2	944366	990107	1039190	991221	4.78	cps
Chromium	52-2	220454	218502	224871	221276	1.47	cps
Cobalt	59-2	141160	142235	142582	141992	0.52	cps
Copper	63-2	788370	805867	814737	802991	1.67	cps
Dysprosium	156-1	146564	146829	150031	147808	1.31	cps
Dysprosium	156-2	47574	47297	49224	48032	2.17	cps
Erbium	164-1	114039	113291	113779	113703	0.33	cps
Erbium	164-2	39224	39853	40094	39724	1.13	cps
Gadolinium	160-1	125389	124639	125127	125052	0.30	cps
Gadolinium	160-2	50191	50128	50683	50334	0.60	cps
Holmium	165-1	17477005	16466601	16602929	16848845	3.25	cps
Holmium	165-2	5987904	6006173	6393873	6129317	3.74	cps
Indium	115-1	15445243	15316839	15545227	15435769	0.74	cps
Indium	115-2	2040737	2039544	2029151	2036477	0.31	cps
Iron	54-2	13514527	13911324	13771737	13732530	1.47	cps
Iron	56-2	245351511	253772361	244027844	247717239	2.13	cps
Iron	57-2	6019259	6278137	6307250	6201548	2.56	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q12D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:22:39	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13376	13298	13755	13476	1.81	cps
Lead	206-1	7960310	7911506	8007206	7959674	0.60	cps
Lead	207-1	6849103	6716145	6827412	6797553	1.05	cps
Lead	208-1	32161780	31886257	31484806	31844281	1.07	cps
Lithium	6-1	9786883	9176714	9356107	9439901	3.32	cps
Magnesium	24-2	4151527	4216455	4317820	4228601	1.98	cps
Manganese	55-2	2708302	2762934	2675077	2715438	1.63	cps
Molybdenum	94-1	45534	44907	46453	45631	1.70	cps
Molybdenum	95-1	49163	47908	48879	48650	1.35	cps
Molybdenum	96-1	73923	69635	72499	72019	3.03	cps
Molybdenum	97-1	30476	28839	29574	29629	2.77	cps
Molybdenum	98-1	77869	79193	74476	77179	3.15	cps
Neodymium	150-1	243265	247773	245508	245515	0.92	cps
Neodymium	150-2	66256	66381	66702	66447	0.35	cps
Nickel	60-2	93418	95022	95166	94536	1.03	cps
Phosphorus	31-2	50339	55423	52488	52750	4.84	cps
Potassium	39-2	2179824	2221800	2209042	2203555	0.98	cps
Rhodium	103-1	14316221	14773638	14055616	14381825	2.53	cps
Rhodium	103-2	5386768	5427637	5176122	5330176	2.53	cps
Scandium	45-1	12943821	12220935	12449631	12538129	2.95	cps
Scandium	45-2	332410	328824	330416	330550	0.54	cps
Selenium	82-1	1785	1671	1534	1664	7.57	cps
Selenium	77-2	323	380	410	371	11.86	cps
Selenium	78-2	463	428	454	448	4.05	cps
Silicon	28-1	14502328	14469054	14038328	14336570	1.81	cps
Silver	107-1	43227	42943	44314	43495	1.66	cps
Silver	109-1	38371	42909	39608	40296	5.82	cps
Sodium	23-2	398089	397026	402526	399214	0.73	cps
Strontium	86-1	3440877	3348547	3336214	3375213	1.69	cps
Strontium	88-1	30059552	28951009	28799349	29269970	2.35	cps
Sulfur	34-1	750339	751770	741849	747986	0.72	cps
Terbium	159-1	17490650	17184320	17369362	17348111	0.89	cps
Terbium	159-2	6120148	5929871	6109090	6053036	1.76	cps
Thallium	203-1	10421	9979	9996	10132	2.47	cps
Thallium	205-1	22579	22504	24299	23127	4.39	cps
Tin	118-1	301721	297458	305174	301451	1.28	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q12D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:22:39	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1229732	1200692	1174058	1201494	2.32	cps
Uranium	238-1	206124	205940	206061	206041	0.05	cps
Vanadium	51-2	477308	492107	489405	486273	1.62	cps
Ytterbium	172-1	32942	34045	32666	33218	2.20	cps
Ytterbium	172-2	13541	13351	13507	13466	0.75	cps
Ytterbium	176-1	22837	23154	23113	23035	0.75	cps
Ytterbium	176-2	15203	15732	16588	15841	4.41	cps
Yttrium	89-1	28623448	27652861	28486380	28254230	1.86	cps
Yttrium	89-2	2608502	2649086	2659173	2638920	1.02	cps
Zinc	66-2	765498	781106	776161	774255	1.03	cps
Zirconium	90-1	45124	42967	43738	43943	2.49	cps
Zirconium	91-1	10471	10154	9629	10084	4.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q12L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:25:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	478679	487393	496063	487378	1.78	cps
Antimony	121-1	13332	13591	13499	13474	0.97	cps
Arsenic	75-2	2734	2729	2798	2753	1.40	cps
Barium	135-1	439433	432434	437597	436488	0.83	cps
Barium	137-1	777849	754091	746434	759458	2.16	cps
Beryllium	9-1	2304	2424	2288	2338	3.18	cps
Bismuth	209-1	9652692	9732200	9563334	9649409	0.88	cps
Bismuth	209-2	4263613	4280742	4281944	4275433	0.24	cps
Boron	10-1	14062	14364	14268	14232	1.09	cps
Boron	11-1	62130	62963	62361	62485	0.69	cps
Bromine	81-1	86733	86725	83458	85639	2.21	cps
Cadmium	111-1	8183	8310	8045	8179	1.62	cps
Cadmium	106-1	8278	8578	8069	8308	3.08	cps
Cadmium	108-1	767	738	821	775	5.46	cps
Calcium	43-1	1727780	1754735	1740685	1741067	0.77	cps
Calcium	44-1	27307749	28103442	27678470	27696553	1.44	cps
Carbon	12-1	13921257	13926064	13600237	13815853	1.35	cps
Carbon	12-2	131897	133681	127131	130903	2.59	cps
Chlorine	35-1	38210212	39590998	40634958	39478723	3.08	cps
Chlorine	35-2	252993	255336	262753	257027	1.98	cps
Chromium	52-2	42737	43229	43282	43083	0.70	cps
Cobalt	59-2	27076	27801	27640	27506	1.38	cps
Copper	63-2	158898	163560	160584	161014	1.47	cps
Dysprosium	156-1	27237	28089	29366	28231	3.80	cps
Dysprosium	156-2	8810	8850	8973	8877	0.96	cps
Erbium	164-1	22453	21025	20583	21354	4.58	cps
Erbium	164-2	7405	7539	7716	7553	2.06	cps
Gadolinium	160-1	23889	23254	24916	24020	3.49	cps
Gadolinium	160-2	9590	9340	9544	9491	1.40	cps
Holmium	165-1	16842665	16595061	15684484	16374070	3.72	cps
Holmium	165-2	5906408	6156679	6139279	6067455	2.30	cps
Indium	115-1	15480792	15447915	14841818	15256842	2.36	cps
Indium	115-2	2054655	2128900	2076787	2086780	1.83	cps
Iron	54-2	2569879	2658735	2681948	2636854	2.24	cps
Iron	56-2	46407745	46871583	46594941	46624757	0.50	cps
Iron	57-2	1145343	1159532	1138997	1147957	0.92	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q12L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:25:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13672	14162	13924	13919	1.76	cps
Lead	206-1	1587671	1534884	1511951	1544835	2.51	cps
Lead	207-1	1288790	1312472	1290709	1297324	1.01	cps
Lead	208-1	6251856	6096318	6106591	6151588	1.41	cps
Lithium	6-1	9289093	9015966	9658124	9321061	3.46	cps
Magnesium	24-2	779498	779140	786692	781777	0.54	cps
Manganese	55-2	509107	513431	534970	519170	2.67	cps
Molybdenum	94-1	11035	8586	8069	9230	17.16	cps
Molybdenum	95-1	9187	9370	9062	9206	1.69	cps
Molybdenum	96-1	14224	14658	14316	14400	1.59	cps
Molybdenum	97-1	5701	6118	5843	5888	3.60	cps
Molybdenum	98-1	14825	14883	15309	15006	1.76	cps
Neodymium	150-1	48448	46341	45959	46916	2.86	cps
Neodymium	150-2	12813	12803	12613	12743	0.89	cps
Nickel	60-2	20034	19964	20722	20240	2.07	cps
Phosphorus	31-2	9970	9670	9628	9756	1.91	cps
Potassium	39-2	417910	429418	429071	425466	1.54	cps
Rhodium	103-1	14818020	14522773	14463741	14601511	1.30	cps
Rhodium	103-2	5319015	5541336	5333140	5397830	2.31	cps
Scandium	45-1	12448185	12561656	12607801	12539214	0.66	cps
Scandium	45-2	318486	324310	327075	323290	1.36	cps
Selenium	82-1	463	-53	319	243	109.41	cps
Selenium	77-2	90	67	60	72	21.81	cps
Selenium	78-2	179	178	170	176	2.81	cps
Silicon	28-1	3359213	3349796	3255438	3321482	1.73	cps
Silver	107-1	8753	9162	8978	8964	2.28	cps
Silver	109-1	8386	8028	8086	8167	2.36	cps
Sodium	23-2	93878	93753	95807	94479	1.22	cps
Strontium	86-1	679466	668349	667317	671710	1.00	cps
Strontium	88-1	5645418	5445061	5503175	5531218	1.86	cps
Sulfur	34-1	496027	504104	502659	500930	0.86	cps
Terbium	159-1	17293206	16910846	17659191	17287748	2.16	cps
Terbium	159-2	6076498	6065129	6104674	6082100	0.33	cps
Thallium	203-1	2684	2450	2742	2625	5.88	cps
Thallium	205-1	6735	6535	6077	6449	5.24	cps
Tin	118-1	53673	52493	53908	53358	1.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q12L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:25:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	224731	225357	226053	225380	0.29	cps
Uranium	238-1	39421	38259	37757	38479	2.22	cps
Vanadium	51-2	92148	90276	91786	91403	1.09	cps
Ytterbium	172-1	6443	6010	6293	6249	3.52	cps
Ytterbium	172-2	2611	2817	2534	2654	5.52	cps
Ytterbium	176-1	6335	6085	6135	6185	2.14	cps
Ytterbium	176-2	8764	8964	9659	9129	5.15	cps
Yttrium	89-1	26435915	26683409	26336527	26485283	0.67	cps
Yttrium	89-2	2472401	2548126	2492177	2504235	1.57	cps
Zinc	66-2	151850	149507	153433	151597	1.30	cps
Zirconium	90-1	8361	8670	8261	8431	2.53	cps
Zirconium	91-1	1625	1817	1800	1747	6.08	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q12S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:28:28	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2565377	2499962	2469675	2511671	1.95	cps
Antimony	121-1	284097	284514	281211	283274	0.64	cps
Arsenic	75-2	16899	16485	16502	16629	1.41	cps
Barium	135-1	3474486	3451552	3497614	3474550	0.66	cps
Barium	137-1	5963563	5858549	5861120	5894411	1.02	cps
Beryllium	9-1	68610	68248	68129	68329	0.37	cps
Bismuth	209-1	10111580	9518929	9816750	9815753	3.02	cps
Bismuth	209-2	4347465	4351111	4368457	4355678	0.26	cps
Boron	10-1	40440	41266	42862	41523	2.97	cps
Boron	11-1	178272	186341	188128	184247	2.85	cps
Bromine	81-1	94790	95561	100991	97114	3.48	cps
Cadmium	111-1	74282	70862	74289	73144	2.70	cps
Cadmium	106-1	16235	15551	15476	15754	2.66	cps
Cadmium	108-1	5089	5118	5197	5134	1.09	cps
Calcium	43-1	8311731	8488492	8538241	8446155	1.41	cps
Calcium	44-1	135807456	132616049	134785893	134403133	1.21	cps
Carbon	12-1	28649670	29064811	29086887	28933790	0.85	cps
Carbon	12-2	276674	274474	278956	276701	0.81	cps
Chlorine	35-1	101447677	114432761	123888390	113256276	9.95	cps
Chlorine	35-2	897339	939195	958581	931705	3.36	cps
Chromium	52-2	349420	343619	341930	344990	1.14	cps
Cobalt	59-2	793370	777634	771628	780877	1.44	cps
Copper	63-2	1001304	976466	966594	981454	1.82	cps
Dysprosium	156-1	140309	135622	142359	139430	2.48	cps
Dysprosium	156-2	44484	43922	43815	44074	0.82	cps
Erbium	164-1	105360	101481	106746	104529	2.61	cps
Erbium	164-2	36748	36123	36176	36349	0.95	cps
Gadolinium	160-1	118282	115651	116692	116875	1.13	cps
Gadolinium	160-2	46391	46029	46465	46295	0.50	cps
Holmium	165-1	17666926	17106240	17482051	17418406	1.64	cps
Holmium	165-2	6211263	6171604	6308147	6230338	1.13	cps
Indium	115-1	15735859	15662892	15859846	15752866	0.63	cps
Indium	115-2	2087794	2070643	2119641	2092693	1.19	cps
Iron	54-2	12283237	12471999	12096780	12284005	1.53	cps
Iron	56-2	226151144	224295655	219575816	223340872	1.52	cps
Iron	57-2	5757162	5572310	5649765	5659746	1.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q12S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:28:28	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13567	13998	13934	13833	1.68	cps
Lead	206-1	7628476	7640995	7797722	7689064	1.23	cps
Lead	207-1	6723218	6494258	6632935	6616804	1.74	cps
Lead	208-1	30754463	29829110	30310488	30298020	1.53	cps
Lithium	6-1	9597944	10055054	10183261	9945419	3.09	cps
Magnesium	24-2	3933159	3928126	3917269	3926185	0.21	cps
Manganese	55-2	2823096	2840475	2712679	2792083	2.48	cps
Molybdenum	94-1	83846	85262	85799	84969	1.19	cps
Molybdenum	95-1	118654	115487	119555	117899	1.81	cps
Molybdenum	96-1	145477	148491	140795	144921	2.68	cps
Molybdenum	97-1	73345	73722	73102	73390	0.43	cps
Molybdenum	98-1	186926	188950	188954	188277	0.62	cps
Neodymium	150-1	232910	231319	228179	230802	1.04	cps
Neodymium	150-2	61893	60922	60315	61043	1.30	cps
Nickel	60-2	263752	268295	269082	267043	1.08	cps
Phosphorus	31-2	49218	50230	49269	49572	1.15	cps
Potassium	39-2	2141368	2112646	2035379	2096464	2.61	cps
Rhodium	103-1	15017178	14751919	15007594	14925563	1.01	cps
Rhodium	103-2	5499749	5375164	5498576	5457830	1.31	cps
Scandium	45-1	13059734	13022682	12899121	12993845	0.65	cps
Scandium	45-2	345279	340948	336269	340832	1.32	cps
Selenium	82-1	8134	7629	7898	7887	3.21	cps
Selenium	77-2	550	487	523	520	6.12	cps
Selenium	78-2	1002	955	1019	992	3.34	cps
Silicon	28-1	15081187	14553017	14528262	14720822	2.12	cps
Silver	107-1	233566	241403	240927	238632	1.84	cps
Silver	109-1	232945	226769	230977	230231	1.37	cps
Sodium	23-2	373784	374662	371417	373288	0.45	cps
Strontium	86-1	3337621	3218189	3295684	3283831	1.85	cps
Strontium	88-1	27925642	27403360	26805858	27378287	2.05	cps
Sulfur	34-1	727129	725478	719127	723911	0.58	cps
Terbium	159-1	18173174	18552378	18170491	18298681	1.20	cps
Terbium	159-2	6235643	6156080	6240771	6210832	0.76	cps
Thallium	203-1	111489	113145	110321	111652	1.27	cps
Thallium	205-1	270227	278189	282170	276862	2.20	cps
Tin	118-1	254399	259656	261962	258672	1.50	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q12S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:28:28	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1093463	1111464	1107736	1104221	0.86	cps
Uranium	238-1	195102	196915	199309	197109	1.07	cps
Vanadium	51-2	722009	728822	722277	724369	0.53	cps
Ytterbium	172-1	31347	30344	30486	30726	1.77	cps
Ytterbium	172-2	12417	12267	12206	12297	0.88	cps
Ytterbium	176-1	21978	20166	20592	20912	4.53	cps
Ytterbium	176-2	15053	15687	15476	15406	2.10	cps
Yttrium	89-1	28089860	27805672	27934697	27943410	0.51	cps
Yttrium	89-2	2686457	2694897	2689204	2690186	0.16	cps
Zinc	66-2	787364	774597	775830	779264	0.90	cps
Zirconium	90-1	44129	46869	44647	45215	3.22	cps
Zirconium	91-1	10538	10388	10196	10374	1.65	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:31:23	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2635164	2563979	2658363	2619168	1.88	cps
Antimony	121-1	73196	74755	74453	74135	1.12	cps
Arsenic	75-2	14030	13734	13671	13812	1.39	cps
Barium	135-1	2677474	2603675	2684519	2655223	1.69	cps
Barium	137-1	4648994	4589323	4690506	4642941	1.10	cps
Beryllium	9-1	11468	11354	11476	11433	0.60	cps
Bismuth	209-1	9758370	9741757	9944220	9814782	1.15	cps
Bismuth	209-2	4304711	4252298	4269191	4275400	0.63	cps
Boron	10-1	38107	39977	41277	39787	4.01	cps
Boron	11-1	171212	177902	184110	177741	3.63	cps
Bromine	81-1	99429	100501	97736	99222	1.41	cps
Cadmium	111-1	45718	47141	46991	46617	1.68	cps
Cadmium	106-1	12973	13290	12890	13051	1.62	cps
Cadmium	108-1	3646	3555	3459	3553	2.64	cps
Calcium	43-1	9501154	9275552	9391042	9389249	1.20	cps
Calcium	44-1	149641519	151253923	153385566	151427003	1.24	cps
Carbon	12-1	26883328	26766616	26743101	26797682	0.28	cps
Carbon	12-2	257371	256205	259215	257597	0.59	cps
Chlorine	35-1	129225536	139604236	154923195	141250989	9.15	cps
Chlorine	35-2	1137379	1113752	1185195	1145442	3.18	cps
Chromium	52-2	201526	199391	196777	199232	1.19	cps
Cobalt	59-2	146980	144884	145800	145888	0.72	cps
Copper	63-2	1043394	1019090	1021971	1028152	1.29	cps
Dysprosium	156-1	138496	136167	135132	136599	1.26	cps
Dysprosium	156-2	43771	43591	42698	43354	1.33	cps
Erbium	164-1	102303	105871	104394	104189	1.72	cps
Erbium	164-2	35889	36109	35829	35942	0.41	cps
Gadolinium	160-1	116081	113247	111037	113455	2.23	cps
Gadolinium	160-2	45822	47264	46652	46579	1.55	cps
Holmium	165-1	17222817	17602317	17207243	17344126	1.29	cps
Holmium	165-2	6331569	6370193	6281363	6327708	0.70	cps
Indium	115-1	15979226	15764584	16226634	15990148	1.45	cps
Indium	115-2	2121853	2093820	2128509	2114728	0.87	cps
Iron	54-2	11462735	11889178	11194015	11515309	3.04	cps
Iron	56-2	214936227	209841144	213718355	212831908	1.25	cps
Iron	57-2	5295259	5315643	5301973	5304292	0.20	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:31:23	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13755	14178	14289	14074	2.00	cps
Lead	206-1	11656601	11071247	11074208	11267352	2.99	cps
Lead	207-1	9937947	9231892	9429453	9533097	3.82	cps
Lead	208-1	45623607	43752253	43340436	44238765	2.75	cps
Lithium	6-1	9495779	10042190	9673931	9737300	2.86	cps
Magnesium	24-2	4078843	4008505	3995301	4027550	1.12	cps
Manganese	55-2	2901805	2945347	2866037	2904396	1.37	cps
Molybdenum	94-1	46772	46470	45835	46359	1.03	cps
Molybdenum	95-1	48995	48652	49154	48934	0.52	cps
Molybdenum	96-1	69669	70731	68428	69609	1.66	cps
Molybdenum	97-1	31027	30192	31052	30757	1.59	cps
Molybdenum	98-1	78155	76981	77090	77409	0.84	cps
Neodymium	150-1	220551	221159	228237	223316	1.91	cps
Neodymium	150-2	60252	58427	59050	59243	1.57	cps
Nickel	60-2	98116	96948	95556	96874	1.32	cps
Phosphorus	31-2	64662	64629	65240	64844	0.53	cps
Potassium	39-2	1873893	1846602	1857358	1859284	0.74	cps
Rhodium	103-1	14795581	14787690	14369451	14650907	1.66	cps
Rhodium	103-2	5552292	5526616	5577444	5552117	0.46	cps
Scandium	45-1	12849816	13056295	12765720	12890611	1.16	cps
Scandium	45-2	345057	340795	338360	341404	0.99	cps
Selenium	82-1	1742	1141	1643	1508	21.35	cps
Selenium	77-2	403	320	330	351	12.96	cps
Selenium	78-2	421	432	412	422	2.38	cps
Silicon	28-1	18640220	18218661	18751255	18536712	1.52	cps
Silver	107-1	53882	54835	55070	54595	1.15	cps
Silver	109-1	52727	52543	51514	52261	1.25	cps
Sodium	23-2	490647	496067	485478	490731	1.08	cps
Strontium	86-1	3690945	3826226	3744233	3753801	1.82	cps
Strontium	88-1	31817516	32058878	33004043	32293479	1.94	cps
Sulfur	34-1	719489	727351	733862	726901	0.99	cps
Terbium	159-1	18664383	18288442	17424539	18125788	3.51	cps
Terbium	159-2	6347617	6082812	6327343	6252590	2.36	cps
Thallium	203-1	8945	8937	9187	9023	1.57	cps
Thallium	205-1	21252	22804	21911	21989	3.54	cps
Tin	118-1	352006	351190	343504	348900	1.34	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q13	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:31:23	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	989531	1018561	1029272	1012455	2.03	cps
Uranium	238-1	234573	245142	240406	240040	2.21	cps
Vanadium	51-2	407863	407911	407423	407732	0.07	cps
Ytterbium	172-1	31463	30987	30561	31004	1.46	cps
Ytterbium	172-2	12918	12406	12273	12532	2.72	cps
Ytterbium	176-1	21977	20625	21243	21282	3.18	cps
Ytterbium	176-2	15120	16093	15910	15708	3.29	cps
Yttrium	89-1	28401088	27827150	28359489	28195909	1.14	cps
Yttrium	89-2	2761615	2753275	2765211	2760034	0.22	cps
Zinc	66-2	1028614	1020016	1001286	1016638	1.37	cps
Zirconium	90-1	47916	47967	47951	47945	0.05	cps
Zirconium	91-1	10629	10871	10496	10665	1.78	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q13D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:34:17	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2723778	2695374	2655095	2691416	1.28	cps
Antimony	121-1	82675	83984	85409	84022	1.63	cps
Arsenic	75-2	14615	14094	14089	14266	2.12	cps
Barium	135-1	2728674	2635066	2750938	2704893	2.27	cps
Barium	137-1	4620777	4621161	4699095	4647011	0.97	cps
Beryllium	9-1	11512	11698	12069	11760	2.41	cps
Bismuth	209-1	10014971	10003459	9862582	9960337	0.85	cps
Bismuth	209-2	4205720	4349377	4402420	4319172	2.36	cps
Boron	10-1	40436	39421	42201	40686	3.46	cps
Boron	11-1	168819	175930	181945	175565	3.74	cps
Bromine	81-1	98248	102329	97982	99520	2.45	cps
Cadmium	111-1	47080	47017	47577	47225	0.65	cps
Cadmium	106-1	13373	12923	12665	12987	2.76	cps
Cadmium	108-1	3846	3842	3584	3758	4.00	cps
Calcium	43-1	9754229	9820194	10144526	9906316	2.11	cps
Calcium	44-1	157388725	155243293	160771842	157801287	1.77	cps
Carbon	12-1	27226065	27680828	27731903	27546265	1.01	cps
Carbon	12-2	267422	260860	266025	264769	1.31	cps
Chlorine	35-1	135843753	149821103	156179158	147281338	7.06	cps
Chlorine	35-2	1105166	1117036	1173838	1132013	3.24	cps
Chromium	52-2	203784	202334	200302	202140	0.87	cps
Cobalt	59-2	141548	141973	141744	141755	0.15	cps
Copper	63-2	1043312	1051657	1040737	1045235	0.55	cps
Dysprosium	156-1	138856	133434	137676	136656	2.09	cps
Dysprosium	156-2	44216	44103	44293	44204	0.22	cps
Erbium	164-1	108123	106612	107417	107384	0.70	cps
Erbium	164-2	37680	38335	36751	37589	2.12	cps
Gadolinium	160-1	119209	115863	122437	119170	2.76	cps
Gadolinium	160-2	49037	47679	45381	47366	3.90	cps
Holmium	165-1	17160214	17225367	16514697	16966759	2.32	cps
Holmium	165-2	6205204	6319377	6297987	6274190	0.97	cps
Indium	115-1	15529253	15800721	15355279	15561751	1.44	cps
Indium	115-2	2084260	2138523	2091874	2104885	1.40	cps
Iron	54-2	12148934	12041699	11873314	12021315	1.16	cps
Iron	56-2	221780861	215018388	221205238	219334829	1.71	cps
Iron	57-2	5504543	5541604	5374860	5473669	1.60	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q13D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:34:17	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14228	14174	14098	14167	0.46	cps
Lead	206-1	10816038	10645938	11143738	10868572	2.33	cps
Lead	207-1	9103059	8933829	9609942	9215610	3.82	cps
Lead	208-1	43143465	42801680	44820085	43588410	2.48	cps
Lithium	6-1	9655995	9830401	9699931	9728776	0.93	cps
Magnesium	24-2	4133692	4003535	4046749	4061325	1.63	cps
Manganese	55-2	2938190	2879245	2950750	2922728	1.31	cps
Molybdenum	94-1	47917	47156	47465	47513	0.81	cps
Molybdenum	95-1	49882	50175	50141	50066	0.32	cps
Molybdenum	96-1	70371	73505	72449	72108	2.21	cps
Molybdenum	97-1	31344	30634	31161	31046	1.19	cps
Molybdenum	98-1	81281	78371	80769	80141	1.94	cps
Neodymium	150-1	224070	224347	221786	223401	0.63	cps
Neodymium	150-2	61665	59663	58692	60007	2.53	cps
Nickel	60-2	107128	105042	104632	105601	1.27	cps
Phosphorus	31-2	65449	65867	64117	65144	1.40	cps
Potassium	39-2	1932696	1861036	1891217	1894983	1.90	cps
Rhodium	103-1	14684414	14491606	14290769	14488930	1.36	cps
Rhodium	103-2	5379855	5515659	5424960	5440158	1.27	cps
Scandium	45-1	12760949	12768513	12499664	12676375	1.21	cps
Scandium	45-2	337477	333949	338099	336508	0.67	cps
Selenium	82-1	1550	1749	1719	1673	6.41	cps
Selenium	77-2	370	403	310	361	13.10	cps
Selenium	78-2	461	418	400	426	7.35	cps
Silicon	28-1	18149558	17789661	18187524	18042248	1.22	cps
Silver	107-1	54132	55170	56174	55159	1.85	cps
Silver	109-1	51924	55086	53665	53558	2.96	cps
Sodium	23-2	503475	485822	499219	496172	1.86	cps
Strontium	86-1	3886073	3843269	3926538	3885293	1.07	cps
Strontium	88-1	32523276	32775681	33111033	32803330	0.90	cps
Sulfur	34-1	763183	762766	761663	762537	0.10	cps
Terbium	159-1	17801494	17808004	18306792	17972097	1.61	cps
Terbium	159-2	6150879	6041917	6086133	6092976	0.90	cps
Thallium	203-1	9304	9437	8920	9220	2.91	cps
Thallium	205-1	21393	21644	22094	21710	1.64	cps
Tin	118-1	311320	317941	312504	313922	1.12	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q13D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:34:17	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1058884	1066910	1038068	1054621	1.41	cps
Uranium	238-1	237092	254094	247574	246254	3.48	cps
Vanadium	51-2	422666	410167	414796	415876	1.52	cps
Ytterbium	172-1	31739	32215	31789	31914	0.82	cps
Ytterbium	172-2	12962	13340	12762	13021	2.26	cps
Ytterbium	176-1	23438	22795	23146	23127	1.39	cps
Ytterbium	176-2	15226	15482	16294	15667	3.56	cps
Yttrium	89-1	27979055	28599831	28140533	28239807	1.14	cps
Yttrium	89-2	2676769	2751245	2729305	2719106	1.41	cps
Zinc	66-2	1048844	1032700	1031847	1037797	0.92	cps
Zirconium	90-1	48084	48318	48251	48218	0.25	cps
Zirconium	91-1	10746	10513	11155	10805	3.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q13L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:37:12	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	491563	486079	482881	486841	0.90	cps
Antimony	121-1	14992	14775	14316	14694	2.35	cps
Arsenic	75-2	2733	2708	2724	2721	0.47	cps
Barium	135-1	533454	529877	530249	531193	0.37	cps
Barium	137-1	912345	941073	954991	936136	2.32	cps
Beryllium	9-1	2252	2352	2356	2320	2.54	cps
Bismuth	209-1	9610671	9495456	9818587	9641571	1.70	cps
Bismuth	209-2	4156442	4257620	4113964	4176009	1.77	cps
Boron	10-1	12979	13478	13115	13191	1.95	cps
Boron	11-1	58518	58090	59185	58597	0.94	cps
Bromine	81-1	78182	81153	83560	80965	3.33	cps
Cadmium	111-1	10641	10864	10467	10658	1.87	cps
Cadmium	106-1	8553	8795	8578	8642	1.54	cps
Cadmium	108-1	771	688	621	693	10.84	cps
Calcium	43-1	1884708	1962209	1905784	1917567	2.09	cps
Calcium	44-1	30571609	31285326	29927176	30594704	2.22	cps
Carbon	12-1	13021646	13047505	12955880	13008344	0.36	cps
Carbon	12-2	123343	120779	123534	122552	1.26	cps
Chlorine	35-1	46283136	49011625	47255049	47516603	2.91	cps
Chlorine	35-2	315012	311243	303107	309787	1.96	cps
Chromium	52-2	40407	40675	39361	40148	1.73	cps
Cobalt	59-2	29357	29093	27908	28786	2.68	cps
Copper	63-2	209478	204638	205456	206524	1.25	cps
Dysprosium	156-1	26819	25993	26602	26472	1.62	cps
Dysprosium	156-2	8403	8206	8199	8269	1.40	cps
Erbium	164-1	20316	20450	21568	20778	3.31	cps
Erbium	164-2	7172	7015	6982	7056	1.44	cps
Gadolinium	160-1	22286	22436	23563	22762	3.07	cps
Gadolinium	160-2	8623	8993	9123	8913	2.91	cps
Holmium	165-1	16294297	16592384	17522894	16803191	3.81	cps
Holmium	165-2	5988348	6101117	5998766	6029410	1.03	cps
Indium	115-1	15826864	15897046	15910582	15878164	0.28	cps
Indium	115-2	2132170	2064294	2079283	2091916	1.70	cps
Iron	54-2	2353552	2322113	2222802	2299489	2.97	cps
Iron	56-2	41444437	41165961	40587459	41065952	1.06	cps
Iron	57-2	1005011	1015750	1001418	1007393	0.74	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q13L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:37:12	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14058	14260	13933	14084	1.17	cps
Lead	206-1	2315497	2254914	2299834	2290082	1.37	cps
Lead	207-1	1897166	1854828	1988203	1913399	3.56	cps
Lead	208-1	9066116	8729836	9080562	8958838	2.22	cps
Lithium	6-1	9706170	9904395	9933619	9848062	1.26	cps
Magnesium	24-2	748142	770900	754999	758014	1.54	cps
Manganese	55-2	556167	551839	553979	553995	0.39	cps
Molybdenum	94-1	9228	9378	9237	9281	0.91	cps
Molybdenum	95-1	9879	10029	10279	10062	2.01	cps
Molybdenum	96-1	14258	14558	14124	14313	1.55	cps
Molybdenum	97-1	6101	6310	5618	6010	5.91	cps
Molybdenum	98-1	15409	15693	14825	15309	2.89	cps
Neodymium	150-1	42320	44555	44394	43756	2.85	cps
Neodymium	150-2	11395	11775	11468	11546	1.75	cps
Nickel	60-2	19777	18883	19133	19264	2.40	cps
Phosphorus	31-2	12623	12898	13248	12923	2.43	cps
Potassium	39-2	364290	366384	371263	367312	0.97	cps
Rhodium	103-1	15104126	14776822	14471135	14784028	2.14	cps
Rhodium	103-2	5428547	5506068	5560064	5498226	1.20	cps
Scandium	45-1	12763924	12748654	12826603	12779727	0.32	cps
Scandium	45-2	324666	329365	323928	325987	0.90	cps
Selenium	82-1	70	-96	76	17	587.46	cps
Selenium	77-2	67	60	80	69	14.78	cps
Selenium	78-2	177	184	172	178	3.39	cps
Silicon	28-1	4405667	4680342	4335265	4473758	4.08	cps
Silver	107-1	10671	11180	11630	11160	4.30	cps
Silver	109-1	11238	11372	10988	11199	1.74	cps
Sodium	23-2	111577	113155	114390	113041	1.25	cps
Strontium	86-1	760951	778715	753331	764332	1.70	cps
Strontium	88-1	6495064	6607314	6260786	6454388	2.74	cps
Sulfur	34-1	496119	493703	475981	488601	2.25	cps
Terbium	159-1	18068404	17358954	17410468	17612609	2.25	cps
Terbium	159-2	6184456	6112301	6048285	6115014	1.11	cps
Thallium	203-1	2475	2509	2125	2370	8.96	cps
Thallium	205-1	6002	5676	6243	5974	4.76	cps
Tin	118-1	72058	71329	70650	71346	0.99	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q13L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:37:12	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	199375	206349	202733	202819	1.72	cps
Uranium	238-1	48210	47883	47708	47934	0.53	cps
Vanadium	51-2	78970	77737	78974	78560	0.91	cps
Ytterbium	172-1	5676	5876	6885	6146	10.54	cps
Ytterbium	172-2	2417	2717	2178	2437	11.08	cps
Ytterbium	176-1	5910	6443	6327	6227	4.51	cps
Ytterbium	176-2	8358	8725	9520	8868	6.70	cps
Yttrium	89-1	26236838	26948238	25685289	26290122	2.41	cps
Yttrium	89-2	2535541	2485069	2533227	2517946	1.13	cps
Zinc	66-2	206884	204653	204549	205362	0.64	cps
Zirconium	90-1	9520	9479	9812	9604	1.89	cps
Zirconium	91-1	2342	2117	2150	2203	5.51	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q13S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:40:06	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2570905	2626691	2653535	2617043	1.61	cps
Antimony	121-1	279110	280107	278483	279233	0.29	cps
Arsenic	75-2	16752	16814	16763	16776	0.20	cps
Barium	135-1	3986665	4044645	3841698	3957669	2.64	cps
Barium	137-1	6922873	6808447	6620445	6783922	2.25	cps
Beryllium	9-1	68718	70428	69890	69679	1.25	cps
Bismuth	209-1	9818645	8599863	9767126	9395212	7.34	cps
Bismuth	209-2	4261405	4220819	4191114	4224446	0.84	cps
Boron	10-1	34913	37711	37665	36763	4.36	cps
Boron	11-1	155709	168731	164987	163142	4.11	cps
Bromine	81-1	94880	96797	99881	97186	2.60	cps
Cadmium	111-1	84875	85450	83644	84656	1.09	cps
Cadmium	106-1	16886	16385	16786	16685	1.59	cps
Cadmium	108-1	6043	6402	6081	6175	3.19	cps
Calcium	43-1	9569688	9259393	9816171	9548418	2.92	cps
Calcium	44-1	150271984	156160416	154320848	153584416	1.96	cps
Carbon	12-1	25424965	26467568	26352004	26081512	2.19	cps
Carbon	12-2	249801	244237	249490	247843	1.26	cps
Chlorine	35-1	110696627	125740811	136716278	124384572	10.50	cps
Chlorine	35-2	938600	974093	1014957	975884	3.92	cps
Chromium	52-2	345646	348970	348521	347712	0.52	cps
Cobalt	59-2	781472	788566	791732	787257	0.67	cps
Copper	63-2	1220252	1246639	1273212	1246701	2.12	cps
Dysprosium	156-1	132853	138685	134356	135298	2.24	cps
Dysprosium	156-2	42488	43079	43033	42867	0.77	cps
Erbium	164-1	106645	108593	108072	107770	0.94	cps
Erbium	164-2	37122	36216	36734	36691	1.24	cps
Gadolinium	160-1	116676	114072	116704	115817	1.30	cps
Gadolinium	160-2	45865	45561	45548	45658	0.39	cps
Holmium	165-1	17599585	14977396	17305984	16627655	8.64	cps
Holmium	165-2	6112144	6229587	6150621	6164117	0.97	cps
Indium	115-1	15543372	13911646	15703008	15052675	6.59	cps
Indium	115-2	2065228	2081398	2111447	2086024	1.12	cps
Iron	54-2	11944868	12104608	11990938	12013471	0.68	cps
Iron	56-2	217186399	215918560	211056677	214720546	1.51	cps
Iron	57-2	5329362	5410816	5475446	5405208	1.35	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q13S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:40:06	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14785	15528	15535	15283	2.82	cps
Lead	206-1	11453773	11651871	11222171	11442605	1.88	cps
Lead	207-1	9646860	9586737	9490638	9574745	0.82	cps
Lead	208-1	44712871	45521780	44059590	44764747	1.64	cps
Lithium	6-1	9514768	8388205	9488560	9130511	7.04	cps
Magnesium	24-2	3918085	3869574	3951271	3912977	1.05	cps
Manganese	55-2	3083934	3062179	3102860	3082991	0.66	cps
Molybdenum	94-1	85246	86706	84851	85601	1.14	cps
Molybdenum	95-1	116438	121429	119933	119266	2.15	cps
Molybdenum	96-1	143927	146419	143817	144721	1.02	cps
Molybdenum	97-1	74208	75817	72464	74163	2.26	cps
Molybdenum	98-1	184562	190972	186011	187182	1.80	cps
Neodymium	150-1	215948	221234	219939	219040	1.26	cps
Neodymium	150-2	56338	57205	57232	56925	0.89	cps
Nickel	60-2	265075	268265	271286	268209	1.16	cps
Phosphorus	31-2	63356	64327	63992	63892	0.77	cps
Potassium	39-2	1822036	1846999	1830509	1833181	0.69	cps
Rhodium	103-1	14686040	12775119	13971800	13810987	6.99	cps
Rhodium	103-2	5411377	5324371	5453174	5396307	1.22	cps
Scandium	45-1	12916383	11313844	12719785	12316671	7.10	cps
Scandium	45-2	335304	331096	335380	333927	0.73	cps
Selenium	82-1	8280	8411	7793	8161	3.99	cps
Selenium	77-2	560	537	390	496	18.60	cps
Selenium	78-2	935	967	988	963	2.77	cps
Silicon	28-1	17162391	17026591	16697462	16962148	1.41	cps
Silver	107-1	248892	254455	248917	250755	1.28	cps
Silver	109-1	241041	243265	233845	239383	2.06	cps
Sodium	23-2	461352	458182	489120	469551	3.62	cps
Strontium	86-1	3854408	3919358	3901350	3891705	0.86	cps
Strontium	88-1	32696352	33991035	33045821	33244402	2.01	cps
Sulfur	34-1	740561	730416	732774	734583	0.72	cps
Terbium	159-1	17621186	15127192	17952194	16900190	9.14	cps
Terbium	159-2	6211099	6158397	6151992	6173829	0.53	cps
Thallium	203-1	109278	111884	111001	110721	1.20	cps
Thallium	205-1	259254	263555	261028	261279	0.83	cps
Tin	118-1	318915	325285	318195	320798	1.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q13S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:40:06	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1024398	1041679	1009059	1025046	1.59	cps
Uranium	238-1	239888	235611	234908	236802	1.14	cps
Vanadium	51-2	700655	697964	687579	695399	0.99	cps
Ytterbium	172-1	31789	32850	29993	31544	4.58	cps
Ytterbium	172-2	12723	12573	12556	12617	0.73	cps
Ytterbium	176-1	21501	21936	21568	21668	1.08	cps
Ytterbium	176-2	14531	15042	15582	15051	3.49	cps
Yttrium	89-1	28382301	24716050	28831848	27310066	8.27	cps
Yttrium	89-2	2582567	2663135	2707298	2651000	2.39	cps
Zinc	66-2	1082006	1078468	1096629	1085701	0.89	cps
Zirconium	90-1	43435	44372	45935	44581	2.83	cps
Zirconium	91-1	9537	10613	10121	10090	5.34	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:43:01	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4025511	3898835	3984048	3969465	1.63	cps
Antimony	121-1	164293	159983	164046	162774	1.49	cps
Arsenic	75-2	20368	20585	20346	20433	0.65	cps
Barium	135-1	3302682	3321379	3363505	3329189	0.94	cps
Barium	137-1	5540954	5680762	5696646	5639454	1.52	cps
Beryllium	9-1	18218	18356	18764	18446	1.54	cps
Bismuth	209-1	8889670	9261077	9585635	9245461	3.77	cps
Bismuth	209-2	4146428	4200024	4113412	4153288	1.05	cps
Boron	10-1	37996	40206	40109	39437	3.17	cps
Boron	11-1	170333	175602	177531	174489	2.14	cps
Bromine	81-1	94551	94339	97000	95297	1.55	cps
Cadmium	111-1	62160	63704	64044	63303	1.59	cps
Cadmium	106-1	14133	15317	15342	14931	4.63	cps
Cadmium	108-1	4834	4701	4988	4841	2.97	cps
Calcium	43-1	7658500	7391011	7269027	7439513	2.68	cps
Calcium	44-1	124211310	117523564	119273081	120335985	2.88	cps
Carbon	12-1	16764618	17142204	17556889	17154570	2.31	cps
Carbon	12-2	161644	159581	161712	160979	0.75	cps
Chlorine	35-1	120310361	134507766	138662424	131160183	7.34	cps
Chlorine	35-2	943332	956219	964282	954611	1.11	cps
Chromium	52-2	286422	290533	284269	287075	1.11	cps
Cobalt	59-2	220576	220512	220487	220525	0.02	cps
Copper	63-2	1540531	1544009	1472053	1518864	2.67	cps
Dysprosium	156-1	193600	190242	188164	190669	1.44	cps
Dysprosium	156-2	57678	57069	56693	57146	0.87	cps
Erbium	164-1	145639	144005	144651	144765	0.57	cps
Erbium	164-2	48231	48562	47893	48229	0.69	cps
Gadolinium	160-1	158879	158715	154498	157364	1.58	cps
Gadolinium	160-2	61348	60243	59814	60468	1.31	cps
Holmium	165-1	16321972	16370048	17939655	16877225	5.45	cps
Holmium	165-2	6134274	6047734	6096628	6092879	0.71	cps
Indium	115-1	14791374	15532003	15541743	15288373	2.82	cps
Indium	115-2	2053205	2021597	2020803	2031868	0.91	cps
Iron	54-2	21087939	20824150	20654916	20855669	1.05	cps
Iron	56-2	383639620	373882686	375254831	377592379	1.40	cps
Iron	57-2	9794005	9444521	9575667	9604731	1.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:43:01	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13740	13487	13539	13589	0.98	cps
Lead	206-1	14086344	14579197	13937765	14201102	2.36	cps
Lead	207-1	11921603	12071597	11602714	11865305	2.02	cps
Lead	208-1	54993012	55781419	54663382	55145938	1.04	cps
Lithium	6-1	9415431	9347186	9460316	9407645	0.61	cps
Magnesium	24-2	5038492	5001529	4817162	4952394	2.39	cps
Manganese	55-2	5671676	5601719	5602651	5625348	0.71	cps
Molybdenum	94-1	66644	64936	65011	65530	1.47	cps
Molybdenum	95-1	56164	55855	57084	56368	1.13	cps
Molybdenum	96-1	93231	92963	90993	92396	1.32	cps
Molybdenum	97-1	35237	35028	34862	35043	0.54	cps
Molybdenum	98-1	86469	88826	88760	88018	1.52	cps
Neodymium	150-1	301886	306355	294113	300785	2.06	cps
Neodymium	150-2	77272	75264	77500	76679	1.60	cps
Nickel	60-2	155715	155461	152569	154582	1.13	cps
Phosphorus	31-2	47989	49260	49218	48823	1.48	cps
Potassium	39-2	2440064	2361250	2378350	2393221	1.73	cps
Rhodium	103-1	13905956	14169539	14144498	14073331	1.03	cps
Rhodium	103-2	5394960	5242143	5309301	5315468	1.44	cps
Scandium	45-1	12277565	12435750	12892777	12535364	2.55	cps
Scandium	45-2	329740	333251	326950	329980	0.96	cps
Selenium	82-1	1496	1610	1740	1616	7.56	cps
Selenium	77-2	433	450	357	413	12.04	cps
Selenium	78-2	451	483	477	470	3.62	cps
Silicon	28-1	18581023	18974731	19380322	18978692	2.11	cps
Silver	107-1	96389	96807	97480	96892	0.57	cps
Silver	109-1	93140	93209	92302	92884	0.54	cps
Sodium	23-2	405227	396109	386076	395804	2.42	cps
Strontium	86-1	2913459	2943276	3011301	2956012	1.70	cps
Strontium	88-1	25151646	25111956	24389893	24884498	1.72	cps
Sulfur	34-1	600490	609712	614227	608143	1.15	cps
Terbium	159-1	16659077	17881368	18613594	17718013	5.57	cps
Terbium	159-2	6174511	6026186	6118725	6106474	1.23	cps
Thallium	203-1	11998	12340	12323	12220	1.58	cps
Thallium	205-1	28766	27772	28440	28326	1.79	cps
Tin	118-1	474586	473689	466452	471576	0.95	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20	Instrumnet Name :	P8
Client Sample ID :	MH1Q14	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:43:01	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2072883	2007853	1969824	2016853	2.58	cps
Uranium	238-1	258731	255487	255442	256554	0.74	cps
Vanadium	51-2	540165	537591	538923	538893	0.24	cps
Ytterbium	172-1	43699	44501	45136	44446	1.62	cps
Ytterbium	172-2	17061	16410	16989	16820	2.12	cps
Ytterbium	176-1	29016	29100	29776	29297	1.42	cps
Ytterbium	176-2	17701	18513	17584	17933	2.82	cps
Yttrium	89-1	27148545	29152235	28929610	28410130	3.87	cps
Yttrium	89-2	2703320	2603907	2632373	2646533	1.93	cps
Zinc	66-2	1879410	1910920	1860076	1883469	1.36	cps
Zirconium	90-1	86943	85521	86385	86283	0.83	cps
Zirconium	91-1	19506	20290	19247	19681	2.76	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q14D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:45:55	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3662242	3611419	3663103	3645588	0.81	cps
Antimony	121-1	156818	156363	154469	155883	0.80	cps
Arsenic	75-2	18911	18915	18829	18885	0.25	cps
Barium	135-1	3089689	3009305	3037659	3045551	1.34	cps
Barium	137-1	5270469	5270539	5216799	5252602	0.59	cps
Beryllium	9-1	16742	16692	16126	16520	2.07	cps
Bismuth	209-1	9592847	9771680	9563530	9642685	1.17	cps
Bismuth	209-2	4219360	4176626	4099259	4165082	1.46	cps
Boron	10-1	36206	36053	37274	36511	1.82	cps
Boron	11-1	153748	163099	163016	159954	3.36	cps
Bromine	81-1	89329	94367	96874	93523	4.11	cps
Cadmium	111-1	59912	56769	59065	58582	2.78	cps
Cadmium	106-1	14525	13791	13966	14094	2.72	cps
Cadmium	108-1	4492	4338	4522	4451	2.21	cps
Calcium	43-1	7021315	6887404	7029095	6979271	1.14	cps
Calcium	44-1	112485931	114593064	111647736	112908910	1.34	cps
Carbon	12-1	16334941	16537704	16655383	16509343	0.98	cps
Carbon	12-2	155798	157439	157128	156788	0.56	cps
Chlorine	35-1	105817438	113202590	117941757	112320595	5.44	cps
Chlorine	35-2	827241	849675	863958	846958	2.19	cps
Chromium	52-2	270588	272272	273507	272122	0.54	cps
Cobalt	59-2	211343	210794	209588	210575	0.43	cps
Copper	63-2	1532062	1444651	1498034	1491583	2.95	cps
Dysprosium	156-1	171762	172035	171764	171854	0.09	cps
Dysprosium	156-2	54538	56476	56000	55671	1.81	cps
Erbium	164-1	129842	134176	133673	132564	1.79	cps
Erbium	164-2	47040	46398	45708	46382	1.44	cps
Gadolinium	160-1	144458	143705	146991	145052	1.19	cps
Gadolinium	160-2	58722	59597	59077	59132	0.74	cps
Holmium	165-1	16521715	16609477	16667829	16599673	0.44	cps
Holmium	165-2	6065633	6342633	5938844	6115703	3.38	cps
Indium	115-1	15074154	15651528	15789038	15504907	2.45	cps
Indium	115-2	2030169	2094422	2060644	2061745	1.56	cps
Iron	54-2	19316760	19533696	19291628	19380695	0.69	cps
Iron	56-2	352924608	349889041	353645986	352153212	0.57	cps
Iron	57-2	9095916	8850205	8918980	8955033	1.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q14D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:45:55	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13746	13943	14088	13926	1.23	cps
Lead	206-1	13073198	12806642	13372661	13084167	2.16	cps
Lead	207-1	11449380	10940080	11218750	11202737	2.28	cps
Lead	208-1	52444720	50490778	52203840	51713113	2.06	cps
Lithium	6-1	9540017	9657258	9477521	9558265	0.95	cps
Magnesium	24-2	4667287	4807309	4640753	4705116	1.90	cps
Manganese	55-2	5210051	5185390	5266295	5220579	0.79	cps
Molybdenum	94-1	64827	63195	64509	64177	1.35	cps
Molybdenum	95-1	62818	60935	64535	62763	2.87	cps
Molybdenum	96-1	96738	96463	97303	96835	0.44	cps
Molybdenum	97-1	37861	38864	38747	38491	1.42	cps
Molybdenum	98-1	97199	97174	99525	97966	1.38	cps
Neodymium	150-1	283470	279738	278912	280707	0.87	cps
Neodymium	150-2	74520	74396	73863	74260	0.47	cps
Nickel	60-2	146959	145655	145956	146190	0.47	cps
Phosphorus	31-2	46994	45949	46492	46478	1.12	cps
Potassium	39-2	2186735	2204601	2217344	2202893	0.70	cps
Rhodium	103-1	14164027	14200791	14256110	14206976	0.33	cps
Rhodium	103-2	5464341	5454487	5453961	5457596	0.11	cps
Scandium	45-1	13030738	12634538	13135002	12933426	2.04	cps
Scandium	45-2	335796	335552	332130	334493	0.61	cps
Selenium	82-1	1186	1347	942	1159	17.62	cps
Selenium	77-2	417	403	427	416	2.82	cps
Selenium	78-2	443	469	456	456	2.85	cps
Silicon	28-1	15704264	15946165	16135480	15928636	1.36	cps
Silver	107-1	94491	91387	91849	92576	1.81	cps
Silver	109-1	89576	86707	88099	88127	1.63	cps
Sodium	23-2	367238	372330	371031	370200	0.71	cps
Strontium	86-1	2794141	2717039	2764210	2758463	1.41	cps
Strontium	88-1	23496827	22923433	23112959	23177739	1.26	cps
Sulfur	34-1	591845	605769	589942	595852	1.45	cps
Terbium	159-1	17644540	17565682	17645501	17618574	0.26	cps
Terbium	159-2	6143926	6277615	6097502	6173014	1.51	cps
Thallium	203-1	10947	10655	11764	11122	5.17	cps
Thallium	205-1	27421	25743	26286	26483	3.23	cps
Tin	118-1	479171	481033	473431	477878	0.83	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-21	Instrumnet Name :	P8
Client Sample ID :	MH1Q14D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:45:55	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1728359	1749359	1723350	1733690	0.80	cps
Uranium	238-1	252193	253022	247729	250982	1.13	cps
Vanadium	51-2	507483	503610	508622	506572	0.52	cps
Ytterbium	172-1	40212	41800	40630	40881	2.01	cps
Ytterbium	172-2	16455	15949	16460	16288	1.80	cps
Ytterbium	176-1	26444	27663	25960	26689	3.29	cps
Ytterbium	176-2	17790	17256	18141	17729	2.51	cps
Yttrium	89-1	29043852	28396728	29131728	28857436	1.39	cps
Yttrium	89-2	2640546	2757171	2666315	2688010	2.28	cps
Zinc	66-2	1750327	1768179	1718944	1745817	1.43	cps
Zirconium	90-1	75446	73754	75380	74860	1.28	cps
Zirconium	91-1	17053	17687	17294	17345	1.85	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q14L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:48:51	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	736947	748910	754347	746734	1.19	cps
Antimony	121-1	31988	31837	31670	31832	0.50	cps
Arsenic	75-2	3948	3930	3898	3925	0.65	cps
Barium	135-1	662559	646030	639097	649228	1.86	cps
Barium	137-1	1109795	1106524	1115487	1110602	0.41	cps
Beryllium	9-1	3592	3616	3760	3656	2.49	cps
Bismuth	209-1	9808267	9738610	9628516	9725131	0.93	cps
Bismuth	209-2	4122597	4190247	4311531	4208125	2.27	cps
Boron	10-1	12211	12359	12481	12350	1.10	cps
Boron	11-1	57000	56890	55264	56385	1.72	cps
Bromine	81-1	83470	78504	83559	81844	3.53	cps
Cadmium	111-1	13915	13656	13282	13618	2.34	cps
Cadmium	106-1	9278	8628	8878	8928	3.67	cps
Cadmium	108-1	858	1000	1046	968	10.10	cps
Calcium	43-1	1503565	1490630	1440276	1478157	2.26	cps
Calcium	44-1	23572288	23549541	22799004	23306944	1.89	cps
Carbon	12-1	10951586	10801525	10965227	10906113	0.83	cps
Carbon	12-2	103464	101845	102920	102743	0.80	cps
Chlorine	35-1	39217681	40790871	40163388	40057313	1.98	cps
Chlorine	35-2	255313	256495	268691	260166	2.85	cps
Chromium	52-2	57666	57107	58175	57649	0.93	cps
Cobalt	59-2	44041	43921	44309	44091	0.45	cps
Copper	63-2	302668	299298	307711	303226	1.40	cps
Dysprosium	156-1	34654	34997	35908	35186	1.84	cps
Dysprosium	156-2	11222	11295	11221	11246	0.38	cps
Erbium	164-1	28481	27012	27997	27830	2.69	cps
Erbium	164-2	9263	9277	9343	9294	0.46	cps
Gadolinium	160-1	30570	31831	30862	31087	2.12	cps
Gadolinium	160-2	11922	12012	12219	12051	1.26	cps
Holmium	165-1	16855724	16357731	17015566	16743007	2.05	cps
Holmium	165-2	6052038	5763696	6237253	6017662	3.97	cps
Indium	115-1	15202983	16278535	15271909	15584476	3.86	cps
Indium	115-2	2041734	2076767	2107507	2075336	1.59	cps
Iron	54-2	4128413	4117928	4226763	4157701	1.44	cps
Iron	56-2	74637124	74805293	74612466	74684961	0.14	cps
Iron	57-2	1922045	1889414	1888309	1899923	1.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q14L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:48:51	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13664	14165	13645	13825	2.14	cps
Lead	206-1	2845355	2791623	2800490	2812489	1.02	cps
Lead	207-1	2388565	2317403	2304962	2336977	1.93	cps
Lead	208-1	10940678	10728499	10779974	10816383	1.02	cps
Lithium	6-1	9694589	9572486	9187262	9484779	2.79	cps
Magnesium	24-2	943992	947191	980521	957235	2.11	cps
Manganese	55-2	1074283	1078566	1083061	1078637	0.41	cps
Molybdenum	94-1	12973	11997	12556	12509	3.91	cps
Molybdenum	95-1	11080	10613	10671	10788	2.36	cps
Molybdenum	96-1	18196	18680	17954	18277	2.02	cps
Molybdenum	97-1	7194	6768	6869	6944	3.20	cps
Molybdenum	98-1	16844	16994	16944	16927	0.45	cps
Neodymium	150-1	57537	56941	58046	57508	0.96	cps
Neodymium	150-2	15516	15025	15235	15259	1.61	cps
Nickel	60-2	30977	30797	31001	30925	0.36	cps
Phosphorus	31-2	8778	9320	9637	9245	4.70	cps
Potassium	39-2	457585	457081	472494	462387	1.89	cps
Rhodium	103-1	14452171	14662763	14522790	14545908	0.74	cps
Rhodium	103-2	5393139	5579544	5682968	5551884	2.65	cps
Scandium	45-1	12700909	13086680	12422951	12736846	2.62	cps
Scandium	45-2	323315	322676	331199	325730	1.46	cps
Selenium	82-1	585	264	425	425	37.83	cps
Selenium	77-2	107	50	77	78	36.45	cps
Selenium	78-2	166	188	175	176	6.27	cps
Silicon	28-1	4233048	4438331	4236464	4302614	2.73	cps
Silver	107-1	18913	19539	20015	19489	2.83	cps
Silver	109-1	18279	17870	19055	18402	3.27	cps
Sodium	23-2	93911	98113	96410	96145	2.20	cps
Strontium	86-1	575049	584046	591914	583670	1.45	cps
Strontium	88-1	4814327	4765219	4941959	4840502	1.88	cps
Sulfur	34-1	475088	476546	478549	476728	0.36	cps
Terbium	159-1	17481258	17633842	17029487	17381529	1.81	cps
Terbium	159-2	5848117	6101261	6041478	5996952	2.21	cps
Thallium	203-1	2867	2767	2809	2814	1.79	cps
Thallium	205-1	6393	6694	6960	6682	4.25	cps
Tin	118-1	89946	89830	88522	89433	0.88	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-20LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q14L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 14:48:51	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	396588	382376	377865	385610	2.53	cps
Uranium	238-1	50426	49808	49381	49872	1.05	cps
Vanadium	51-2	102350	103798	105083	103744	1.32	cps
Ytterbium	172-1	8970	9062	8294	8775	4.77	cps
Ytterbium	172-2	3312	2917	3412	3213	8.14	cps
Ytterbium	176-1	7619	7286	7461	7455	2.24	cps
Ytterbium	176-2	9226	9353	10187	9589	5.45	cps
Yttrium	89-1	26821776	26804329	27145126	26923744	0.71	cps
Yttrium	89-2	2481141	2484387	2576791	2514106	2.16	cps
Zinc	66-2	363113	365946	360931	363330	0.69	cps
Zirconium	90-1	16577	16886	16368	16610	1.57	cps
Zirconium	91-1	3667	3851	3509	3676	4.65	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q14S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:51:44	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4084524	4022834	4091168	4066175	0.93	cps
Antimony	121-1	364062	366082	370902	367015	0.96	cps
Arsenic	75-2	23076	23588	23272	23312	1.11	cps
Barium	135-1	4611185	4567541	4624956	4601227	0.65	cps
Barium	137-1	8008434	7475616	8173765	7885938	4.63	cps
Beryllium	9-1	75964	75072	75025	75354	0.70	cps
Bismuth	209-1	9540878	9878843	9830665	9750129	1.87	cps
Bismuth	209-2	4220720	4143807	4194642	4186390	0.93	cps
Boron	10-1	36122	38533	40827	38494	6.11	cps
Boron	11-1	167668	167798	179447	171638	3.94	cps
Bromine	81-1	91138	94505	94601	93414	2.11	cps
Cadmium	111-1	100215	99998	99176	99796	0.55	cps
Cadmium	106-1	18196	18196	18855	18416	2.07	cps
Cadmium	108-1	7460	7077	7419	7319	2.88	cps
Calcium	43-1	7192015	7640203	7472534	7434918	3.05	cps
Calcium	44-1	117641196	122051041	121372595	120354944	1.97	cps
Carbon	12-1	16730649	16928695	17368458	17009267	1.92	cps
Carbon	12-2	161087	160336	163403	161609	0.99	cps
Chlorine	35-1	105105561	122396011	135050353	120850642	12.44	cps
Chlorine	35-2	968205	994626	1025125	995985	2.86	cps
Chromium	52-2	440081	435776	428423	434760	1.36	cps
Cobalt	59-2	880174	853129	867632	866978	1.56	cps
Copper	63-2	1851270	1863620	1796769	1837220	1.94	cps
Dysprosium	156-1	178571	187199	184994	183588	2.44	cps
Dysprosium	156-2	56914	58622	58933	58156	1.87	cps
Erbium	164-1	143764	148265	144648	145559	1.64	cps
Erbium	164-2	48107	48672	50268	49016	2.29	cps
Gadolinium	160-1	152815	158555	159895	157088	2.39	cps
Gadolinium	160-2	61120	61301	61605	61342	0.40	cps
Holmium	165-1	16896440	17220971	17062124	17059845	0.95	cps
Holmium	165-2	6114158	6231656	6038092	6127968	1.59	cps
Indium	115-1	15267519	15599022	15449560	15438700	1.08	cps
Indium	115-2	2006625	2080596	2051481	2046234	1.82	cps
Iron	54-2	20444545	20465867	20795225	20568546	0.96	cps
Iron	56-2	369157119	370580575	374194453	371310716	0.70	cps
Iron	57-2	9168690	9184278	9514419	9289129	2.10	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q14S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:51:44	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13712	13974	13924	13870	1.00	cps
Lead	206-1	14089662	14212985	14060312	14120987	0.57	cps
Lead	207-1	12395889	12071833	12060260	12175994	1.56	cps
Lead	208-1	56545499	56360963	55970723	56292395	0.52	cps
Lithium	6-1	9523230	9746714	10136874	9802273	3.17	cps
Magnesium	24-2	4978321	5021247	5076862	5025476	0.98	cps
Manganese	55-2	5695390	5688691	5862951	5749010	1.72	cps
Molybdenum	94-1	105290	107489	108328	107036	1.47	cps
Molybdenum	95-1	123396	126195	127137	125576	1.55	cps
Molybdenum	96-1	167282	169860	164890	167344	1.49	cps
Molybdenum	97-1	76209	78439	78263	77637	1.60	cps
Molybdenum	98-1	197728	200470	198173	198790	0.74	cps
Neodymium	150-1	298583	289405	293930	293973	1.56	cps
Neodymium	150-2	78215	76330	77383	77309	1.22	cps
Nickel	60-2	329072	331568	324646	328429	1.07	cps
Phosphorus	31-2	50339	48750	49987	49692	1.68	cps
Potassium	39-2	2398969	2405922	2405439	2403443	0.16	cps
Rhodium	103-1	13953966	14610200	14810574	14458247	3.10	cps
Rhodium	103-2	5330812	5448045	5438069	5405642	1.20	cps
Scandium	45-1	12657934	13268163	12868679	12931592	2.40	cps
Scandium	45-2	342746	338706	326225	335892	2.56	cps
Selenium	82-1	7401	7410	7828	7546	3.23	cps
Selenium	77-2	597	547	540	561	5.52	cps
Selenium	78-2	998	956	1053	1002	4.85	cps
Silicon	28-1	19799346	20381380	19556346	19912357	2.13	cps
Silver	107-1	291124	297439	297042	295202	1.20	cps
Silver	109-1	283215	279926	280372	281171	0.63	cps
Sodium	23-2	388967	401659	398938	396521	1.69	cps
Strontium	86-1	3153828	3197400	3213331	3188186	0.97	cps
Strontium	88-1	26521027	27067138	27203317	26930494	1.34	cps
Sulfur	34-1	589218	602310	589549	593692	1.26	cps
Terbium	159-1	17344194	17971341	18122439	17812658	2.32	cps
Terbium	159-2	5992025	6207541	6137120	6112229	1.80	cps
Thallium	203-1	106933	114639	114847	112140	4.02	cps
Thallium	205-1	269410	269830	274660	271300	1.08	cps
Tin	118-1	446041	462641	452943	453875	1.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-22	Instrumnet Name :	P8
Client Sample ID :	MH1Q14S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:51:44	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2087360	2062599	2057705	2069221	0.77	cps
Uranium	238-1	268048	261777	266407	265411	1.23	cps
Vanadium	51-2	836205	823132	829508	829615	0.79	cps
Ytterbium	172-1	43807	42720	43781	43436	1.43	cps
Ytterbium	172-2	17668	17579	17050	17432	1.91	cps
Ytterbium	176-1	28891	29542	29843	29425	1.65	cps
Ytterbium	176-2	18091	18808	18463	18454	1.94	cps
Yttrium	89-1	29137913	29427853	29696965	29420910	0.95	cps
Yttrium	89-2	2674471	2671325	2680531	2675442	0.17	cps
Zinc	66-2	1943138	1904954	1889098	1912396	1.45	cps
Zirconium	90-1	90646	92800	93044	92164	1.43	cps
Zirconium	91-1	20148	21267	21367	20927	3.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04	Instrumnet Name :	P8
Client Sample ID :	MH1Q15	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:54:40	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1662575	1624371	1663975	1650307	1.36	cps
Antimony	121-1	64704	65206	65181	65030	0.44	cps
Arsenic	75-2	36229	36680	36914	36608	0.95	cps
Barium	135-1	2199228	2229832	2197909	2208990	0.82	cps
Barium	137-1	3847615	3782574	3706809	3778999	1.86	cps
Beryllium	9-1	11532	11270	10974	11259	2.48	cps
Bismuth	209-1	10484491	9811218	10282263	10192658	3.39	cps
Bismuth	209-2	4156048	4272285	3980064	4136132	3.56	cps
Boron	10-1	19311	19685	20338	19778	2.63	cps
Boron	11-1	84828	88111	88257	87065	2.23	cps
Bromine	81-1	98726	98409	104208	100448	3.25	cps
Cadmium	111-1	34043	33885	32422	33450	2.67	cps
Cadmium	106-1	11839	11881	11497	11739	1.79	cps
Cadmium	108-1	2450	2688	2729	2623	5.74	cps
Calcium	43-1	4831409	4624256	4713880	4723182	2.20	cps
Calcium	44-1	78640394	74903688	77525156	77023079	2.49	cps
Carbon	12-1	24863797	25333104	25462538	25219813	1.25	cps
Carbon	12-2	241388	234979	239289	238552	1.37	cps
Chlorine	35-1	157947345	169592812	188051913	171864023	8.83	cps
Chlorine	35-2	1269962	1333534	1356371	1319956	3.39	cps
Chromium	52-2	148446	147676	148847	148323	0.40	cps
Cobalt	59-2	100996	97441	99010	99149	1.80	cps
Copper	63-2	796971	781399	798478	792283	1.19	cps
Dysprosium	156-1	134131	134973	134437	134514	0.32	cps
Dysprosium	156-2	42942	41853	42561	42452	1.30	cps
Erbium	164-1	115023	107023	108882	110309	3.80	cps
Erbium	164-2	36664	37022	36270	36652	1.03	cps
Gadolinium	160-1	118108	114677	117619	116801	1.59	cps
Gadolinium	160-2	45879	45411	45665	45652	0.51	cps
Holmium	165-1	17923321	16922016	16782632	17209323	3.62	cps
Holmium	165-2	5967697	6016591	5627283	5870524	3.61	cps
Indium	115-1	15899865	15458284	15146977	15501709	2.44	cps
Indium	115-2	2029086	2083422	1887122	1999877	5.07	cps
Iron	54-2	4902781	4867869	4952309	4907653	0.86	cps
Iron	56-2	88678613	88884702	88495974	88686430	0.22	cps
Iron	57-2	2251096	2214489	2286743	2250776	1.61	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04	Instrumnet Name :	P8
Client Sample ID :	MH1Q15	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:54:40	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13968	13826	13961	13918	0.57	cps
Lead	206-1	8352871	7810916	7796529	7986772	3.97	cps
Lead	207-1	6957659	6660481	6764361	6794167	2.22	cps
Lead	208-1	32134871	30882443	31481071	31499462	1.99	cps
Lithium	6-1	9736635	9562824	9400960	9566807	1.75	cps
Magnesium	24-2	2446291	2357227	2463989	2422503	2.36	cps
Manganese	55-2	2601518	2613447	2642895	2619287	0.81	cps
Molybdenum	94-1	56750	56834	55921	56502	0.89	cps
Molybdenum	95-1	27161	27904	27979	27681	1.63	cps
Molybdenum	96-1	43152	42834	43319	43101	0.57	cps
Molybdenum	97-1	17979	17854	17111	17648	2.66	cps
Molybdenum	98-1	43870	43135	43435	43480	0.85	cps
Neodymium	150-1	214315	216593	208309	213072	2.01	cps
Neodymium	150-2	54487	54926	55043	54819	0.53	cps
Nickel	60-2	68585	69365	68116	68689	0.92	cps
Phosphorus	31-2	38326	39371	38352	38683	1.54	cps
Potassium	39-2	961722	944449	958451	954874	0.96	cps
Rhodium	103-1	14827280	14588583	14520651	14645504	1.10	cps
Rhodium	103-2	5385543	5299219	5013889	5232884	3.72	cps
Scandium	45-1	13076631	12336104	12372818	12595185	3.31	cps
Scandium	45-2	323544	316509	302869	314307	3.34	cps
Selenium	82-1	549	1167	450	722	53.79	cps
Selenium	77-2	307	417	290	338	20.38	cps
Selenium	78-2	398	382	338	373	8.34	cps
Silicon	28-1	39604811	40388883	39478780	39824158	1.24	cps
Silver	107-1	50293	49866	47566	49242	2.98	cps
Silver	109-1	46806	44966	45409	45727	2.10	cps
Sodium	23-2	246048	242356	248605	245669	1.28	cps
Strontium	86-1	1783477	1774176	1808230	1788628	0.98	cps
Strontium	88-1	14794636	15064741	14678803	14846060	1.33	cps
Sulfur	34-1	557995	556760	556860	557205	0.12	cps
Terbium	159-1	18134516	18027571	17686336	17949474	1.30	cps
Terbium	159-2	5979160	6028322	5524643	5844041	4.75	cps
Thallium	203-1	5501	5535	5535	5524	0.35	cps
Thallium	205-1	13516	13249	13549	13438	1.22	cps
Tin	118-1	231645	223385	230663	228564	1.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04	Instrumnet Name :	P8
Client Sample ID :	MH1Q15	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:54:40	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	700710	691586	679825	690707	1.52	cps
Uranium	238-1	181757	179251	178830	179946	0.88	cps
Vanadium	51-2	177709	177559	177465	177578	0.07	cps
Ytterbium	172-1	32633	32165	31472	32090	1.82	cps
Ytterbium	172-2	12100	12239	12751	12363	2.77	cps
Ytterbium	176-1	23588	21668	21468	22242	5.26	cps
Ytterbium	176-2	15443	15248	15348	15346	0.63	cps
Yttrium	89-1	28657527	28411577	28775255	28614787	0.65	cps
Yttrium	89-2	2613596	2652315	2441456	2569122	4.37	cps
Zinc	66-2	771587	793587	768997	778057	1.74	cps
Zirconium	90-1	114293	110858	114107	113086	1.71	cps
Zirconium	91-1	25006	24706	26225	25312	3.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-05	Instrumnet Name :	P8
Client Sample ID :	MH1Q15D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:57:33	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1530955	1574758	1550266	1551993	1.41	cps
Antimony	121-1	64788	65365	64134	64762	0.95	cps
Arsenic	75-2	36000	35726	35763	35829	0.42	cps
Barium	135-1	1983725	2043627	2003862	2010405	1.52	cps
Barium	137-1	3370706	3480391	3430412	3427169	1.60	cps
Beryllium	9-1	10406	10172	10448	10342	1.44	cps
Bismuth	209-1	9791322	10307847	9896023	9998397	2.73	cps
Bismuth	209-2	4338733	4222534	4148557	4236608	2.26	cps
Boron	10-1	17045	17835	17872	17584	2.66	cps
Boron	11-1	75275	77021	79367	77221	2.66	cps
Bromine	81-1	102410	97348	98905	99554	2.60	cps
Cadmium	111-1	32266	32420	32552	32413	0.44	cps
Cadmium	106-1	11547	11213	11438	11399	1.49	cps
Cadmium	108-1	2471	2509	2329	2436	3.88	cps
Calcium	43-1	4565876	4742763	4726646	4678428	2.09	cps
Calcium	44-1	73152947	76515839	75431196	75033327	2.29	cps
Carbon	12-1	24679841	25532948	25862785	25358525	2.41	cps
Carbon	12-2	244254	237108	235022	238795	2.03	cps
Chlorine	35-1	181258171	195568509	202215742	193014140	5.55	cps
Chlorine	35-2	1454052	1442868	1480843	1459254	1.34	cps
Chromium	52-2	138767	137790	139123	138560	0.50	cps
Cobalt	59-2	92573	94552	91821	92982	1.52	cps
Copper	63-2	773578	766399	765283	768420	0.59	cps
Dysprosium	156-1	129237	129716	128325	129093	0.55	cps
Dysprosium	156-2	40662	40940	41314	40972	0.80	cps
Erbium	164-1	107864	109166	106435	107822	1.27	cps
Erbium	164-2	35698	35581	35852	35710	0.38	cps
Gadolinium	160-1	115989	112904	117799	115564	2.14	cps
Gadolinium	160-2	44835	43468	43929	44077	1.58	cps
Holmium	165-1	17100887	18035809	16457702	17198133	4.61	cps
Holmium	165-2	6083199	5997713	6008759	6029890	0.77	cps
Indium	115-1	15577891	16144462	15870115	15864156	1.79	cps
Indium	115-2	2053308	2060775	2054760	2056281	0.19	cps
Iron	54-2	4577346	4597164	4485367	4553292	1.31	cps
Iron	56-2	82963546	79733552	80851705	81182934	2.02	cps
Iron	57-2	2131751	2058002	2107304	2099019	1.79	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-05	Instrumnet Name :	P8
Client Sample ID :	MH1Q15D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:57:33	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14043	14127	14270	14147	0.81	cps
Lead	206-1	7385528	7557555	7443195	7462092	1.17	cps
Lead	207-1	6417512	6360454	6371516	6383161	0.47	cps
Lead	208-1	29280012	29908195	30040197	29742801	1.37	cps
Lithium	6-1	10037077	9626542	9790180	9817933	2.11	cps
Magnesium	24-2	2293893	2270309	2229706	2264636	1.43	cps
Manganese	55-2	2465918	2425362	2493992	2461757	1.40	cps
Molybdenum	94-1	56708	55905	56642	56418	0.79	cps
Molybdenum	95-1	25992	26693	27027	26571	1.99	cps
Molybdenum	96-1	42457	40535	41471	41488	2.32	cps
Molybdenum	97-1	17036	16602	16610	16749	1.48	cps
Molybdenum	98-1	42516	41872	41070	41819	1.73	cps
Neodymium	150-1	208351	205587	203356	205765	1.22	cps
Neodymium	150-2	53135	52195	52235	52522	1.01	cps
Nickel	60-2	64322	65209	64047	64526	0.94	cps
Phosphorus	31-2	36246	38260	36948	37151	2.75	cps
Potassium	39-2	907916	895253	908361	903843	0.82	cps
Rhodium	103-1	14446883	14910838	14652048	14669923	1.58	cps
Rhodium	103-2	5537625	5511948	5396132	5481902	1.38	cps
Scandium	45-1	12424817	13168011	13020127	12870985	3.06	cps
Scandium	45-2	321133	320442	325751	322442	0.90	cps
Selenium	82-1	758	522	688	656	18.52	cps
Selenium	77-2	337	270	303	303	10.99	cps
Selenium	78-2	359	311	335	335	7.16	cps
Silicon	28-1	30653986	31512682	31059377	31075348	1.38	cps
Silver	107-1	47517	48904	46296	47572	2.74	cps
Silver	109-1	44372	45325	44163	44620	1.39	cps
Sodium	23-2	232799	233539	233958	233432	0.25	cps
Strontium	86-1	1690804	1765183	1651307	1702431	3.40	cps
Strontium	88-1	14225318	14514044	14404770	14381377	1.01	cps
Sulfur	34-1	530273	533387	536056	533238	0.54	cps
Terbium	159-1	18453085	18203727	18069347	18242053	1.07	cps
Terbium	159-2	6267031	5999087	6072666	6112928	2.26	cps
Thallium	203-1	5568	5185	5760	5504	5.32	cps
Thallium	205-1	13424	12790	13207	13140	2.45	cps
Tin	118-1	214581	212526	222224	216444	2.36	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-05	Instrumnet Name :	P8
Client Sample ID :	MH1Q15D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 14:57:33	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	665703	671830	658963	665498	0.97	cps
Uranium	238-1	177603	176458	176146	176736	0.43	cps
Vanadium	51-2	164282	168552	167769	166868	1.36	cps
Ytterbium	172-1	29993	30804	30912	30569	1.64	cps
Ytterbium	172-2	11783	11950	12273	12002	2.07	cps
Ytterbium	176-1	21585	21710	21760	21685	0.42	cps
Ytterbium	176-2	14358	15242	15398	14999	3.74	cps
Yttrium	89-1	28803362	28436070	27801461	28346964	1.79	cps
Yttrium	89-2	2636751	2618856	2647987	2634531	0.56	cps
Zinc	66-2	737466	741677	733687	737610	0.54	cps
Zirconium	90-1	110941	113335	111117	111798	1.19	cps
Zirconium	91-1	25449	24614	24831	24965	1.74	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q15L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 15:00:28	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309106	307715	304728	307183	0.73	cps
Antimony	121-1	12197	12231	12848	12425	2.95	cps
Arsenic	75-2	6799	6766	6940	6835	1.35	cps
Barium	135-1	418298	430976	417317	422197	1.80	cps
Barium	137-1	737644	732811	736079	735511	0.34	cps
Beryllium	9-1	2050	2198	2162	2136	3.61	cps
Bismuth	209-1	9993980	9772853	9939744	9902192	1.16	cps
Bismuth	209-2	4041524	4056801	4083155	4060493	0.52	cps
Boron	10-1	7156	7192	6828	7059	2.84	cps
Boron	11-1	31366	30616	30694	30892	1.33	cps
Bromine	81-1	87273	83733	79359	83455	4.75	cps
Cadmium	111-1	7810	7520	7730	7687	1.96	cps
Cadmium	106-1	8094	7903	8053	8016	1.26	cps
Cadmium	108-1	550	542	617	569	7.22	cps
Calcium	43-1	910052	941037	906776	919288	2.06	cps
Calcium	44-1	15002426	14836936	15201466	15013609	1.22	cps
Carbon	12-1	12792804	13161621	13223628	13059351	1.78	cps
Carbon	12-2	125728	127764	120845	124779	2.85	cps
Chlorine	35-1	57461741	59237653	57318978	58006124	1.84	cps
Chlorine	35-2	367048	355781	350015	357615	2.42	cps
Chromium	52-2	29728	30560	29003	29763	2.62	cps
Cobalt	59-2	18956	19500	19090	19182	1.48	cps
Copper	63-2	154060	155033	155444	154846	0.46	cps
Dysprosium	156-1	24189	26194	26110	25497	4.45	cps
Dysprosium	156-2	8106	8319	8219	8215	1.30	cps
Erbium	164-1	21451	20967	21051	21156	1.22	cps
Erbium	164-2	7055	7395	7185	7212	2.38	cps
Gadolinium	160-1	21744	23455	23179	22792	4.03	cps
Gadolinium	160-2	9003	8566	8640	8736	2.68	cps
Holmium	165-1	16546133	16205197	16647570	16466300	1.41	cps
Holmium	165-2	5847114	5734068	5754737	5778640	1.04	cps
Indium	115-1	15960860	15609987	14984851	15518566	3.19	cps
Indium	115-2	1977955	2082748	2048744	2036482	2.63	cps
Iron	54-2	907135	933832	907063	916010	1.68	cps
Iron	56-2	17599469	16994591	16685088	17093049	2.72	cps
Iron	57-2	419745	420388	409903	416679	1.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q15L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 15:00:28	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14159	14177	14244	14193	0.32	cps
Lead	206-1	1522767	1472420	1504556	1499914	1.70	cps
Lead	207-1	1287829	1296943	1278952	1287908	0.70	cps
Lead	208-1	6047182	6114937	6030471	6064197	0.74	cps
Lithium	6-1	9161450	9514174	9315134	9330253	1.90	cps
Magnesium	24-2	452181	454640	466289	457703	1.65	cps
Manganese	55-2	483060	484566	466996	478207	2.04	cps
Molybdenum	94-1	11221	10196	12214	11210	9.00	cps
Molybdenum	95-1	5335	5493	5751	5526	3.81	cps
Molybdenum	96-1	8803	8578	8261	8547	3.19	cps
Molybdenum	97-1	3367	3392	3250	3337	2.27	cps
Molybdenum	98-1	8219	8311	8061	8197	1.54	cps
Neodymium	150-1	41298	40802	43010	41703	2.78	cps
Neodymium	150-2	10708	10611	10674	10664	0.46	cps
Nickel	60-2	13700	13713	13500	13638	0.88	cps
Phosphorus	31-2	7802	7577	7552	7644	1.80	cps
Potassium	39-2	198573	196529	197086	197396	0.54	cps
Rhodium	103-1	14798936	14700691	14427866	14642498	1.31	cps
Rhodium	103-2	5454172	5374481	5267767	5365473	1.74	cps
Scandium	45-1	12157175	12522442	12299656	12326424	1.49	cps
Scandium	45-2	311554	310372	305305	309077	1.07	cps
Selenium	82-1	-69	145	-3	25	445.12	cps
Selenium	77-2	83	73	63	73	13.64	cps
Selenium	78-2	183	176	153	171	9.20	cps
Silicon	28-1	8392569	8481295	8216107	8363324	1.61	cps
Silver	107-1	9078	9287	9837	9401	4.17	cps
Silver	109-1	9187	9687	9087	9320	3.45	cps
Sodium	23-2	68034	69441	69868	69115	1.39	cps
Strontium	86-1	356616	358531	359465	358204	0.41	cps
Strontium	88-1	2825914	2987238	2909633	2907595	2.77	cps
Sulfur	34-1	448382	447686	438573	444880	1.23	cps
Terbium	159-1	16929124	17597305	17194819	17240416	1.95	cps
Terbium	159-2	5960637	5973357	5785160	5906385	1.78	cps
Thallium	203-1	1333	1492	1217	1347	10.25	cps
Thallium	205-1	3192	3467	3317	3326	4.14	cps
Tin	118-1	45393	45276	44967	45212	0.49	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04LX5	Instrumnet Name :	P8
Client Sample ID :	MH1Q15L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 15:00:28	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	135988	133622	133831	134480	0.97	cps
Uranium	238-1	34256	33253	34874	34128	2.40	cps
Vanadium	51-2	33483	33379	33523	33461	0.22	cps
Ytterbium	172-1	6127	6377	5985	6163	3.22	cps
Ytterbium	172-2	2311	2745	2484	2513	8.68	cps
Ytterbium	176-1	6527	6352	5943	6274	4.77	cps
Ytterbium	176-2	8436	8942	9487	8955	5.87	cps
Yttrium	89-1	26036760	26030035	25576163	25880986	1.02	cps
Yttrium	89-2	2458718	2393448	2343292	2398486	2.41	cps
Zinc	66-2	151847	150489	147061	149799	1.65	cps
Zirconium	90-1	22419	22377	22435	22410	0.13	cps
Zirconium	91-1	4751	5143	4976	4957	3.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-06	Instrumnet Name :	P8
Client Sample ID :	MH1Q15S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:03:24	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1667952	1659957	1663648	1663852	0.24	cps
Antimony	121-1	252670	252557	252826	252684	0.05	cps
Arsenic	75-2	39444	39249	39066	39253	0.48	cps
Barium	135-1	3328177	3290694	3287216	3302029	0.69	cps
Barium	137-1	5732403	5629996	5683998	5682132	0.90	cps
Beryllium	9-1	64224	66710	65663	65532	1.90	cps
Bismuth	209-1	9959054	10125535	9964605	10016398	0.94	cps
Bismuth	209-2	4275637	4178952	4193401	4215996	1.24	cps
Boron	10-1	16162	16290	17161	16538	3.29	cps
Boron	11-1	70865	75900	76121	74295	4.00	cps
Bromine	81-1	97432	93989	101102	97507	3.65	cps
Cadmium	111-1	70328	69223	71725	70425	1.78	cps
Cadmium	106-1	15743	15142	14433	15106	4.34	cps
Cadmium	108-1	5489	5255	5013	5252	4.52	cps
Calcium	43-1	4820920	4750542	4891577	4821013	1.46	cps
Calcium	44-1	77340075	77550628	76391035	77093913	0.80	cps
Carbon	12-1	22635770	23157503	23026011	22939761	1.18	cps
Carbon	12-2	221009	227548	220922	223160	1.70	cps
Chlorine	35-1	148878557	168271879	183679450	166943295	10.45	cps
Chlorine	35-2	1332828	1367391	1371145	1357121	1.56	cps
Chromium	52-2	277742	279342	269494	275526	1.92	cps
Cobalt	59-2	698063	706639	686947	697216	1.42	cps
Copper	63-2	1015645	995542	1000994	1004060	1.04	cps
Dysprosium	156-1	130043	129388	132356	130595	1.19	cps
Dysprosium	156-2	43039	42113	42602	42585	1.09	cps
Erbium	164-1	108384	110146	109494	109341	0.82	cps
Erbium	164-2	38375	36982	36858	37405	2.25	cps
Gadolinium	160-1	119711	116249	118678	118213	1.50	cps
Gadolinium	160-2	46023	45290	43471	44928	2.92	cps
Holmium	165-1	17041523	16922722	16681376	16881873	1.09	cps
Holmium	165-2	6044113	6071100	6077528	6064247	0.29	cps
Indium	115-1	15877156	15151290	15574800	15534415	2.35	cps
Indium	115-2	2079141	2034191	2024884	2046072	1.42	cps
Iron	54-2	4842704	4638399	4565341	4682148	3.07	cps
Iron	56-2	85583113	83066560	83430907	84026860	1.62	cps
Iron	57-2	2176437	2172096	2138043	2162192	0.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-06	Instrumnet Name :	P8
Client Sample ID :	MH1Q15S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:03:24	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14233	14651	15499	14794	4.36	cps
Lead	206-1	7768073	7784626	7987732	7846811	1.56	cps
Lead	207-1	6623759	6561121	6858318	6681066	2.34	cps
Lead	208-1	30881529	30650696	31691164	31074463	1.76	cps
Lithium	6-1	9660889	9442986	9478355	9527410	1.23	cps
Magnesium	24-2	2345303	2345843	2333304	2341484	0.30	cps
Manganese	55-2	2775494	2663465	2656182	2698381	2.48	cps
Molybdenum	94-1	91409	93708	93112	92743	1.29	cps
Molybdenum	95-1	85077	88633	87853	87188	2.14	cps
Molybdenum	96-1	107801	106324	105703	106609	1.01	cps
Molybdenum	97-1	54274	52559	55830	54221	3.02	cps
Molybdenum	98-1	136376	137792	138876	137681	0.91	cps
Neodymium	150-1	209380	210635	212460	210825	0.73	cps
Neodymium	150-2	55739	54792	54766	55099	1.01	cps
Nickel	60-2	233731	234046	233388	233722	0.14	cps
Phosphorus	31-2	38452	37800	36781	37678	2.24	cps
Potassium	39-2	933612	939195	922016	931607	0.94	cps
Rhodium	103-1	14687324	14620419	14567925	14625222	0.41	cps
Rhodium	103-2	5533354	5368215	5477170	5459580	1.54	cps
Scandium	45-1	12630019	12783011	12439399	12617476	1.36	cps
Scandium	45-2	326756	323823	321833	324137	0.76	cps
Selenium	82-1	5657	5714	5710	5694	0.56	cps
Selenium	77-2	403	450	400	418	6.69	cps
Selenium	78-2	781	810	788	793	1.91	cps
Silicon	28-1	35660110	35684206	34718060	35354125	1.56	cps
Silver	107-1	246342	249719	244327	246796	1.10	cps
Silver	109-1	228528	229416	224081	227342	1.26	cps
Sodium	23-2	237563	240952	234159	237558	1.43	cps
Strontium	86-1	1895533	1863560	1871266	1876786	0.89	cps
Strontium	88-1	15719438	15415920	16089270	15741543	2.14	cps
Sulfur	34-1	521006	523110	530446	524854	0.94	cps
Terbium	159-1	18183673	17567241	17772138	17841017	1.76	cps
Terbium	159-2	6257943	6084217	6025183	6122448	1.98	cps
Thallium	203-1	98358	97114	101340	98937	2.20	cps
Thallium	205-1	231630	223862	234401	229964	2.38	cps
Tin	118-1	236631	236297	237645	236858	0.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-06	Instrumnet Name :	P8
Client Sample ID :	MH1Q15S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:03:24	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	690198	684889	710052	695046	1.91	cps
Uranium	238-1	180516	179859	179175	179850	0.37	cps
Vanadium	51-2	439695	434126	440210	438010	0.77	cps
Ytterbium	172-1	30979	31797	31597	31458	1.36	cps
Ytterbium	172-2	12779	12284	12556	12539	1.98	cps
Ytterbium	176-1	21785	21251	22720	21919	3.39	cps
Ytterbium	176-2	15365	15637	15081	15361	1.81	cps
Yttrium	89-1	28812705	28077030	28186715	28358817	1.40	cps
Yttrium	89-2	2594452	2552470	2653264	2600062	1.95	cps
Zinc	66-2	812410	832109	824844	823121	1.21	cps
Zirconium	90-1	115090	116696	115595	115794	0.71	cps
Zirconium	91-1	25307	25449	26126	25627	1.71	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2309-01 Instrumnet Name : P8
 Client Sample ID : MH1PT2 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 15:06:19 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2485760	2353705	2436779	2425415	2.75	cps
Antimony	121-1	69527	69846	70063	69812	0.39	cps
Arsenic	75-2	17842	17836	17441	17707	1.30	cps
Barium	135-1	2223578	2173381	2205603	2200854	1.16	cps
Barium	137-1	3647017	3726822	3740362	3704734	1.36	cps
Beryllium	9-1	11258	11572	11486	11439	1.42	cps
Bismuth	209-1	9923502	10056992	9834418	9938304	1.13	cps
Bismuth	209-2	4332050	4214452	4087846	4211450	2.90	cps
Boron	10-1	43758	44726	48469	45651	5.45	cps
Boron	11-1	198063	202946	207316	202775	2.28	cps
Bromine	81-1	98390	100925	103375	100897	2.47	cps
Cadmium	111-1	42844	42030	41756	42210	1.34	cps
Cadmium	106-1	12923	12573	11914	12470	4.11	cps
Cadmium	108-1	3146	3025	3188	3120	2.71	cps
Calcium	43-1	8984027	8709416	8765827	8819757	1.64	cps
Calcium	44-1	147367608	138235558	143313096	142972087	3.20	cps
Carbon	12-1	31728811	32358599	32680189	32255866	1.50	cps
Carbon	12-2	300784	301861	304723	302456	0.67	cps
Chlorine	35-1	136128849	150084549	163027833	149747077	8.98	cps
Chlorine	35-2	1120133	1118468	1185212	1141271	3.34	cps
Chromium	52-2	202584	204358	201211	202718	0.78	cps
Cobalt	59-2	137697	140719	136220	138212	1.66	cps
Copper	63-2	823024	819920	830456	824467	0.66	cps
Dysprosium	156-1	145917	139437	142273	142542	2.28	cps
Dysprosium	156-2	44200	43885	44444	44176	0.63	cps
Erbium	164-1	113729	110644	114268	112880	1.73	cps
Erbium	164-2	37777	38242	37179	37733	1.41	cps
Gadolinium	160-1	115637	119097	119333	118022	1.75	cps
Gadolinium	160-2	47849	47217	45665	46910	2.40	cps
Holmium	165-1	17479501	17786740	17680601	17648947	0.88	cps
Holmium	165-2	6142604	6243607	6168021	6184744	0.85	cps
Indium	115-1	16062292	15576389	15755345	15798009	1.56	cps
Indium	115-2	2073325	2059924	2054026	2062425	0.48	cps
Iron	54-2	12117750	12227739	12089161	12144883	0.60	cps
Iron	56-2	229091550	215614777	220279622	221661983	3.09	cps
Iron	57-2	5394204	5440531	5398089	5410941	0.47	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-01	Instrumnet Name :	P8
Client Sample ID :	MH1PT2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:06:19	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12812	13263	13306	13127	2.09	cps
Lead	206-1	8103504	8404556	8342021	8283360	1.92	cps
Lead	207-1	6972376	7164888	7019728	7052331	1.42	cps
Lead	208-1	32168451	33358513	32837696	32788220	1.82	cps
Lithium	6-1	9631039	9536261	9342418	9503239	1.55	cps
Magnesium	24-2	4183219	4225028	4143043	4183763	0.98	cps
Manganese	55-2	2783568	2794342	2839479	2805796	1.06	cps
Molybdenum	94-1	48411	46905	48820	48045	2.10	cps
Molybdenum	95-1	45601	45684	46779	46021	1.43	cps
Molybdenum	96-1	68378	70950	67055	68794	2.88	cps
Molybdenum	97-1	28263	28622	30325	29070	3.79	cps
Molybdenum	98-1	74132	72482	73102	73238	1.14	cps
Neodymium	150-1	231845	224295	228067	228069	1.66	cps
Neodymium	150-2	59418	58906	57637	58654	1.56	cps
Nickel	60-2	92248	94267	92133	92883	1.29	cps
Phosphorus	31-2	58778	55959	58142	57626	2.57	cps
Potassium	39-2	2121941	2071905	2119188	2104344	1.34	cps
Rhodium	103-1	14471169	14631064	14632125	14578120	0.64	cps
Rhodium	103-2	5295859	5464096	5357013	5372323	1.59	cps
Scandium	45-1	12358194	12834743	12931400	12708113	2.41	cps
Scandium	45-2	332931	329492	327709	330044	0.80	cps
Selenium	82-1	1870	1336	1569	1592	16.83	cps
Selenium	77-2	437	333	343	371	15.36	cps
Selenium	78-2	409	424	429	421	2.47	cps
Silicon	28-1	13944141	14114711	13571223	13876692	2.00	cps
Silver	107-1	50794	49130	48101	49342	2.75	cps
Silver	109-1	46873	46036	47132	46680	1.23	cps
Sodium	23-2	457034	458944	457687	457888	0.21	cps
Strontium	86-1	3608739	3570499	3547453	3575564	0.87	cps
Strontium	88-1	31065789	30405258	30425539	30632195	1.23	cps
Sulfur	34-1	733811	726139	739327	733092	0.90	cps
Terbium	159-1	18300355	18339177	18087933	18242488	0.74	cps
Terbium	159-2	6150094	6071625	6060913	6094211	0.80	cps
Thallium	203-1	8870	8536	8461	8623	2.52	cps
Thallium	205-1	20125	20483	20425	20344	0.95	cps
Tin	118-1	247921	253970	259940	253944	2.37	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-01	Instrumnet Name :	P8
Client Sample ID :	MH1PT2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:06:19	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1087299	1111451	1089433	1096061	1.22	cps
Uranium	238-1	228585	226184	224358	226376	0.94	cps
Vanadium	51-2	414137	411576	409260	411657	0.59	cps
Ytterbium	172-1	33117	33476	31388	32660	3.42	cps
Ytterbium	172-2	12651	12662	12729	12680	0.33	cps
Ytterbium	176-1	21643	22303	20717	21554	3.70	cps
Ytterbium	176-2	15181	15448	15482	15370	1.07	cps
Yttrium	89-1	28369096	28954248	28424636	28582660	1.13	cps
Yttrium	89-2	2686357	2738693	2628244	2684431	2.06	cps
Zinc	66-2	906164	914966	895047	905393	1.10	cps
Zirconium	90-1	55646	56348	57621	56538	1.77	cps
Zirconium	91-1	12256	12331	12373	12320	0.48	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-02	Instrumnet Name :	P8
Client Sample ID :	MH1PT3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:09:12	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2540389	2450107	2489889	2493461	1.81	cps
Antimony	121-1	67124	67961	69535	68207	1.80	cps
Arsenic	75-2	16316	16677	16303	16432	1.29	cps
Barium	135-1	2242078	2292494	2258299	2264290	1.14	cps
Barium	137-1	3730846	3944896	3989697	3888480	3.56	cps
Beryllium	9-1	10360	10448	10246	10351	0.98	cps
Bismuth	209-1	9570722	9766872	9893306	9743633	1.67	cps
Bismuth	209-2	4290499	4242226	4139766	4224163	1.82	cps
Boron	10-1	37699	38541	41078	39106	4.50	cps
Boron	11-1	164856	179328	174292	172825	4.25	cps
Bromine	81-1	97240	102625	103360	101075	3.31	cps
Cadmium	111-1	44407	44560	43999	44322	0.65	cps
Cadmium	106-1	12965	12698	12556	12740	1.63	cps
Cadmium	108-1	3188	3125	3505	3273	6.21	cps
Calcium	43-1	8510657	8725198	8822336	8686064	1.84	cps
Calcium	44-1	142278576	139745155	144520415	142181382	1.68	cps
Carbon	12-1	27602927	27649088	27737190	27663068	0.25	cps
Carbon	12-2	255603	260351	254695	256883	1.18	cps
Chlorine	35-1	122693378	136777066	141778653	133749699	7.40	cps
Chlorine	35-2	988161	988552	1011111	995941	1.32	cps
Chromium	52-2	207534	205732	206206	206491	0.45	cps
Cobalt	59-2	138238	137115	138553	137969	0.55	cps
Copper	63-2	845727	830912	829871	835504	1.06	cps
Dysprosium	156-1	138090	140741	140060	139630	0.99	cps
Dysprosium	156-2	45651	44538	44969	45053	1.25	cps
Erbium	164-1	107812	109434	108082	108443	0.80	cps
Erbium	164-2	37112	37005	36534	36884	0.83	cps
Gadolinium	160-1	119981	118108	119620	119236	0.83	cps
Gadolinium	160-2	47130	47354	46986	47157	0.39	cps
Holmium	165-1	17270351	17240959	16729743	17080351	1.78	cps
Holmium	165-2	6269486	6116725	6086469	6157560	1.59	cps
Indium	115-1	15491288	15735450	15842311	15689683	1.15	cps
Indium	115-2	2052742	2047259	2061285	2053762	0.34	cps
Iron	54-2	11636897	11461694	11422204	11506932	0.99	cps
Iron	56-2	212940338	215180016	212700833	213607062	0.64	cps
Iron	57-2	5408476	5356703	5227232	5330804	1.75	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-02	Instrumnet Name :	P8
Client Sample ID :	MH1PT3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:09:12	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13561	13783	13685	13676	0.81	cps
Lead	206-1	8564601	8886161	8968508	8806423	2.42	cps
Lead	207-1	7319794	7468177	7480516	7422829	1.20	cps
Lead	208-1	34055216	35010412	35153651	34739760	1.72	cps
Lithium	6-1	9653825	9735165	9726630	9705207	0.46	cps
Magnesium	24-2	4066630	3986076	3999117	4017274	1.08	cps
Manganese	55-2	2775795	2734702	2705727	2738741	1.29	cps
Molybdenum	94-1	47239	49046	49397	48561	2.38	cps
Molybdenum	95-1	46989	48519	47891	47800	1.61	cps
Molybdenum	96-1	69827	70112	71603	70514	1.35	cps
Molybdenum	97-1	29716	28689	30300	29568	2.76	cps
Molybdenum	98-1	74023	74166	75708	74632	1.25	cps
Neodymium	150-1	227514	230952	234010	230825	1.41	cps
Neodymium	150-2	62081	60574	60891	61182	1.30	cps
Nickel	60-2	111917	112377	110812	111702	0.72	cps
Phosphorus	31-2	50756	49962	50497	50405	0.80	cps
Potassium	39-2	1615324	1612468	1640427	1622740	0.95	cps
Rhodium	103-1	14168665	14083754	14518238	14256886	1.62	cps
Rhodium	103-2	5368478	5395012	5280089	5347860	1.13	cps
Scandium	45-1	12716936	12835178	12757328	12769814	0.47	cps
Scandium	45-2	329798	324704	326302	326935	0.80	cps
Selenium	82-1	1585	1379	1227	1397	12.86	cps
Selenium	77-2	423	367	383	391	7.45	cps
Selenium	78-2	453	443	402	433	6.25	cps
Silicon	28-1	12538320	12128135	12321104	12329187	1.66	cps
Silver	107-1	48904	50879	51640	50474	2.80	cps
Silver	109-1	47215	45852	47633	46900	1.99	cps
Sodium	23-2	408999	408058	412757	409938	0.61	cps
Strontium	86-1	3395113	3513727	3419385	3442742	1.82	cps
Strontium	88-1	28468040	29355125	30151637	29324934	2.87	cps
Sulfur	34-1	712038	702540	713953	709510	0.86	cps
Terbium	159-1	17601893	17913789	17651684	17722455	0.95	cps
Terbium	159-2	6032664	5998485	6214475	6081875	1.91	cps
Thallium	203-1	8411	8853	8586	8617	2.58	cps
Thallium	205-1	19958	21919	20867	20915	4.69	cps
Tin	118-1	218161	219797	229247	222401	2.69	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-02	Instrumnet Name :	P8
Client Sample ID :	MH1PT3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:09:12	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1046407	1062736	1091215	1066786	2.13	cps
Uranium	238-1	235984	234743	236979	235902	0.47	cps
Vanadium	51-2	405687	403987	401683	403786	0.50	cps
Ytterbium	172-1	32649	32808	32558	32672	0.39	cps
Ytterbium	172-2	12678	12834	12601	12704	0.94	cps
Ytterbium	176-1	22536	23630	22637	22934	2.64	cps
Ytterbium	176-2	14797	15381	15120	15100	1.94	cps
Yttrium	89-1	27504577	28686049	29340653	28510426	3.26	cps
Yttrium	89-2	2662553	2649668	2682195	2664805	0.61	cps
Zinc	66-2	843524	846723	838073	842773	0.52	cps
Zirconium	90-1	54917	56132	57814	56288	2.58	cps
Zirconium	91-1	11664	11630	12014	11769	1.81	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-03	Instrumnet Name :	P8
Client Sample ID :	MH1PT4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:12:08	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2385942	2399767	2424460	2403390	0.81	cps
Antimony	121-1	70223	70440	70088	70250	0.25	cps
Arsenic	75-2	16446	16362	16499	16436	0.42	cps
Barium	135-1	2173734	2230854	2243407	2215998	1.68	cps
Barium	137-1	3705042	3686219	3740082	3710448	0.74	cps
Beryllium	9-1	9751	10043	9891	9895	1.48	cps
Bismuth	209-1	9561888	9815206	9518753	9631949	1.66	cps
Bismuth	209-2	4220583	4142920	4130738	4164747	1.17	cps
Boron	10-1	24790	25471	25830	25364	2.08	cps
Boron	11-1	113527	115761	113896	114395	1.05	cps
Bromine	81-1	96176	101862	101263	99767	3.13	cps
Cadmium	111-1	54145	54862	53544	54184	1.22	cps
Cadmium	106-1	13115	13057	13023	13065	0.35	cps
Cadmium	108-1	3859	4180	3967	4002	4.08	cps
Calcium	43-1	8186884	8638410	8422933	8416076	2.68	cps
Calcium	44-1	135126088	137784102	132704084	135204758	1.88	cps
Carbon	12-1	18329767	18639578	18209543	18392963	1.21	cps
Carbon	12-2	172644	168588	166863	169365	1.75	cps
Chlorine	35-1	123958190	143472945	150978891	139470009	10.00	cps
Chlorine	35-2	1003262	1023006	1030694	1018987	1.39	cps
Chromium	52-2	171899	170611	165540	169350	1.98	cps
Cobalt	59-2	134578	129426	131587	131864	1.96	cps
Copper	63-2	715739	715049	706635	712474	0.71	cps
Dysprosium	156-1	134769	134621	134771	134721	0.06	cps
Dysprosium	156-2	42190	42331	42424	42315	0.28	cps
Erbium	164-1	104646	112276	107326	108083	3.58	cps
Erbium	164-2	35905	35558	35762	35742	0.49	cps
Gadolinium	160-1	118933	118283	114904	117373	1.84	cps
Gadolinium	160-2	45648	45876	45123	45549	0.85	cps
Holmium	165-1	17307088	17202305	17301806	17270400	0.34	cps
Holmium	165-2	6117649	6137081	6033769	6096167	0.90	cps
Indium	115-1	15641295	16081228	15827744	15850089	1.39	cps
Indium	115-2	2053291	2032482	1997609	2027794	1.39	cps
Iron	54-2	11478647	11622699	11553514	11551620	0.62	cps
Iron	56-2	209456460	208725971	216992410	211724947	2.16	cps
Iron	57-2	5344479	5354980	5150215	5283225	2.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-03	Instrumnet Name :	P8
Client Sample ID :	MH1PT4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:12:08	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13804	14028	13509	13780	1.89	cps
Lead	206-1	10013290	10259478	10306017	10192928	1.54	cps
Lead	207-1	8641760	8665141	8604841	8637247	0.35	cps
Lead	208-1	40026180	39768436	39987223	39927280	0.35	cps
Lithium	6-1	9693702	9586248	9629933	9636628	0.56	cps
Magnesium	24-2	3450184	3458794	3399577	3436185	0.93	cps
Manganese	55-2	2221005	2221005	2207292	2216434	0.36	cps
Molybdenum	94-1	47248	50643	50351	49414	3.81	cps
Molybdenum	95-1	40268	41563	40368	40733	1.77	cps
Molybdenum	96-1	64987	64342	61304	63544	3.09	cps
Molybdenum	97-1	24723	25441	26300	25488	3.10	cps
Molybdenum	98-1	60909	64409	64585	63301	3.28	cps
Neodymium	150-1	223619	224596	225877	224697	0.50	cps
Neodymium	150-2	57848	57540	58631	58006	0.97	cps
Nickel	60-2	88745	88044	86877	87889	1.07	cps
Phosphorus	31-2	32638	33180	33581	33133	1.43	cps
Potassium	39-2	1259514	1256808	1245760	1254027	0.58	cps
Rhodium	103-1	14149513	14459479	14284608	14297867	1.09	cps
Rhodium	103-2	5454679	5374534	5317055	5382089	1.28	cps
Scandium	45-1	12827052	12867571	13122609	12939077	1.24	cps
Scandium	45-2	326674	317597	323304	322525	1.42	cps
Selenium	82-1	1047	834	1500	1127	30.16	cps
Selenium	77-2	337	287	293	306	8.88	cps
Selenium	78-2	406	375	357	379	6.53	cps
Silicon	28-1	21091285	21001211	20758242	20950246	0.82	cps
Silver	107-1	56526	59479	59572	58526	2.96	cps
Silver	109-1	54669	56534	57622	56275	2.65	cps
Sodium	23-2	468637	459324	466519	464827	1.05	cps
Strontium	86-1	2571257	2668674	2629697	2623209	1.87	cps
Strontium	88-1	21684414	22218594	22186431	22029813	1.36	cps
Sulfur	34-1	585263	576582	572012	577953	1.16	cps
Terbium	159-1	17762746	18093736	17652899	17836460	1.29	cps
Terbium	159-2	6402107	6156445	6192686	6250412	2.12	cps
Thallium	203-1	9420	9020	9771	9404	3.99	cps
Thallium	205-1	21861	22328	22462	22217	1.42	cps
Tin	118-1	228777	236235	230582	231865	1.68	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-03	Instrumnet Name :	P8
Client Sample ID :	MH1PT4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:12:08	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1264754	1277110	1290432	1277432	1.01	cps
Uranium	238-1	218449	223192	213158	218266	2.30	cps
Vanadium	51-2	422587	419071	423097	421585	0.52	cps
Ytterbium	172-1	30728	31505	30729	30987	1.45	cps
Ytterbium	172-2	12061	12423	12206	12230	1.49	cps
Ytterbium	176-1	22261	21727	21234	21741	2.36	cps
Ytterbium	176-2	15048	14975	15526	15183	1.97	cps
Yttrium	89-1	27574049	29098373	28369147	28347190	2.69	cps
Yttrium	89-2	2587245	2590857	2619472	2599191	0.68	cps
Zinc	66-2	591388	577484	578537	582470	1.33	cps
Zirconium	90-1	70714	72606	71793	71705	1.32	cps
Zirconium	91-1	15768	16594	15834	16065	2.86	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:18:49	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5049954	5331748	5068553	5150085	3.06	cps
Antimony	121-1	5391912	5300994	5328401	5340435	0.87	cps
Arsenic	75-2	152523	152201	150645	151790	0.66	cps
Barium	135-1	7456878	7592647	7566518	7538681	0.96	cps
Barium	137-1	12716801	13129333	13053534	12966556	1.69	cps
Beryllium	9-1	2514252	2581093	2614578	2569974	1.99	cps
Bismuth	209-1	8917209	8975315	8856875	8916466	0.66	cps
Bismuth	209-2	3792648	3977108	3804239	3857998	2.68	cps
Boron	10-1	461936	483687	503089	482904	4.26	cps
Boron	11-1	1974334	2093214	2074193	2047247	3.12	cps
Bromine	81-1	68268	68842	64066	67059	3.89	cps
Cadmium	111-1	1540537	1625365	1621386	1595762	3.00	cps
Cadmium	106-1	190218	198723	196956	195299	2.30	cps
Cadmium	108-1	130908	137357	135092	134452	2.43	cps
Calcium	43-1	12677466	12798151	12756182	12743933	0.48	cps
Calcium	44-1	205001052	204416656	209179050	206198920	1.26	cps
Carbon	12-1	12885389	12963404	13559785	13136193	2.81	cps
Carbon	12-2	135658	138852	139635	138048	1.53	cps
Chlorine	35-1	7763588	7316607	7375482	7485226	3.24	cps
Chlorine	35-2	47847	45932	44553	46110	3.59	cps
Chromium	52-2	1643361	1682864	1673750	1666658	1.24	cps
Cobalt	59-2	2845404	2851879	2837376	2844886	0.26	cps
Copper	63-2	22578356	22716370	22895096	22729941	0.70	cps
Dysprosium	156-1	1075	1008	983	1022	4.64	cps
Dysprosium	156-2	293	320	317	310	4.69	cps
Erbium	164-1	217	242	217	225	6.42	cps
Erbium	164-2	67	70	87	74	14.39	cps
Gadolinium	160-1	742	883	883	836	9.78	cps
Gadolinium	160-2	447	337	287	357	22.95	cps
Holmium	165-1	16536131	16613908	16692048	16614029	0.47	cps
Holmium	165-2	6119108	6320800	6185735	6208548	1.66	cps
Indium	115-1	14059273	14260686	14412089	14244016	1.24	cps
Indium	115-2	1920739	2003934	1911713	1945462	2.61	cps
Iron	54-2	17865798	17780061	17240828	17628896	1.92	cps
Iron	56-2	320960363	313303540	309850718	314704874	1.81	cps
Iron	57-2	8038314	8005170	7972286	8005257	0.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:18:49	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12135	12431	12408	12325	1.34	cps
Lead	206-1	20801885	21151325	20618035	20857082	1.30	cps
Lead	207-1	17976471	18627648	17996845	18200321	2.03	cps
Lead	208-1	83438347	86607897	83093352	84379865	2.30	cps
Lithium	6-1	8877806	8890827	8720866	8829833	1.07	cps
Magnesium	24-2	67115497	69471237	65054414	67213716	3.29	cps
Manganese	55-2	9255008	9097036	8889662	9080568	2.02	cps
Molybdenum	94-1	23051510	23789786	22849753	23230349	2.13	cps
Molybdenum	95-1	33446967	33048584	33245135	33246896	0.60	cps
Molybdenum	96-1	36704450	36750929	36809898	36755092	0.14	cps
Molybdenum	97-1	20074806	20676622	20512820	20421416	1.52	cps
Molybdenum	98-1	52390390	53585647	53266126	53080721	1.17	cps
Neodymium	150-1	500	727	573	600	19.28	cps
Neodymium	150-2	57	63	77	66	15.54	cps
Nickel	60-2	778538	777158	781692	779129	0.30	cps
Phosphorus	31-2	57431	58711	59097	58413	1.49	cps
Potassium	39-2	26023376	25675012	25339958	25679448	1.33	cps
Rhodium	103-1	12886063	13441914	12999712	13109230	2.24	cps
Rhodium	103-2	4871223	4875441	4833032	4859899	0.48	cps
Scandium	45-1	11675659	12148432	12050834	11958308	2.09	cps
Scandium	45-2	304678	316910	309317	310302	1.99	cps
Selenium	82-1	151720	151302	151975	151665	0.22	cps
Selenium	77-2	4127	4184	3857	4056	4.30	cps
Selenium	78-2	13340	13406	13117	13288	1.14	cps
Silicon	28-1	20586083	19973701	20880840	20480208	2.26	cps
Silver	107-1	8690569	8904746	8786875	8794063	1.22	cps
Silver	109-1	8093603	8343552	8302791	8246648	1.63	cps
Sodium	23-2	128522315	125072919	126877586	126824274	1.36	cps
Strontium	86-1	2451285	2443712	2432525	2442508	0.39	cps
Strontium	88-1	20472807	21230501	20754270	20819193	1.84	cps
Sulfur	34-1	1246717	1207761	1221479	1225319	1.61	cps
Terbium	159-1	17437993	17113876	17499535	17350468	1.19	cps
Terbium	159-2	5957408	5966678	6146280	6023455	1.77	cps
Thallium	203-1	5031431	5230666	5077938	5113345	2.04	cps
Thallium	205-1	12165873	12498667	12006603	12223714	2.05	cps
Tin	118-1	5378504	5039811	5379256	5265857	3.72	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:18:49	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11087473	11561094	11554453	11401007	2.38	cps
Uranium	238-1	17083345	17405687	17044341	17177791	1.15	cps
Vanadium	51-2	1326260	1362574	1340860	1343231	1.36	cps
Ytterbium	172-1	217	225	200	214	5.95	cps
Ytterbium	172-2	89	94	133	106	22.94	cps
Ytterbium	176-1	24089	25367	25976	25144	3.83	cps
Ytterbium	176-2	15860	15977	15782	15873	0.62	cps
Yttrium	89-1	24521712	25888836	25163474	25191341	2.72	cps
Yttrium	89-2	2369493	2401954	2437477	2402975	1.42	cps
Zinc	66-2	2841006	2812097	2814564	2822556	0.57	cps
Zirconium	90-1	12162464	12489413	12007447	12219775	2.01	cps
Zirconium	91-1	2726590	2759672	2723694	2736652	0.73	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P8
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 15:25:25 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	422	440	432	432	2.03	cps
Antimony	121-1	975	1050	1467	1164	22.76	cps
Arsenic	75-2	11	5	10	9	37.09	cps
Barium	135-1	167	75	125	122	37.55	cps
Barium	137-1	208	125	208	181	26.65	cps
Beryllium	9-1	78	84	76	79	5.24	cps
Bismuth	209-1	9774045	9139568	9673429	9529014	3.58	cps
Bismuth	209-2	4072077	4196614	4053272	4107321	1.90	cps
Boron	10-1	18240	18052	16572	17621	5.18	cps
Boron	11-1	80518	75532	75846	77299	3.61	cps
Bromine	81-1	68894	71921	69841	70219	2.21	cps
Cadmium	111-1	1416	1312	1230	1319	7.08	cps
Cadmium	106-1	6810	6318	5635	6254	9.44	cps
Cadmium	108-1	42	50	38	43	14.78	cps
Calcium	43-1	370	330	349	350	5.73	cps
Calcium	44-1	15745	15516	15649	15637	0.74	cps
Carbon	12-1	8994918	9407790	9495282	9299330	2.87	cps
Carbon	12-2	97842	96894	98171	97636	0.68	cps
Chlorine	35-1	3502571	3424301	3255344	3394072	3.72	cps
Chlorine	35-2	21867	20231	20540	20879	4.16	cps
Chromium	52-2	1553	1320	1497	1457	8.36	cps
Cobalt	59-2	93	87	73	84	12.06	cps
Copper	63-2	1547	1370	1333	1417	8.05	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	125	183	108	139	28.35	cps
Erbium	164-2	37	50	43	43	15.38	cps
Gadolinium	160-1	58	75	92	75	22.22	cps
Gadolinium	160-2	123	97	87	102	18.54	cps
Holmium	165-1	15982608	15769443	15519704	15757252	1.47	cps
Holmium	165-2	5935648	5914110	5956115	5935291	0.35	cps
Indium	115-1	14521824	14800266	14663389	14661826	0.95	cps
Indium	115-2	1974241	1901760	1905990	1927331	2.11	cps
Iron	54-2	1089	1200	933	1074	12.47	cps
Iron	56-2	9164	9337	8820	9107	2.89	cps
Iron	57-2	328	211	250	263	22.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:25:25	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13135	12660	13158	12984	2.16	cps
Lead	206-1	1600	1778	1678	1685	5.29	cps
Lead	207-1	1467	1406	1433	1435	2.13	cps
Lead	208-1	6667	6751	6701	6706	0.63	cps
Lithium	6-1	9778568	9048591	9166114	9331091	4.20	cps
Magnesium	24-2	958	942	617	839	22.97	cps
Manganese	55-2	167	207	157	177	14.98	cps
Molybdenum	94-1	858	867	867	864	0.56	cps
Molybdenum	95-1	750	608	492	617	20.98	cps
Molybdenum	96-1	1100	817	917	945	15.21	cps
Molybdenum	97-1	425	217	325	322	32.34	cps
Molybdenum	98-1	1058	783	933	925	14.89	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	40	53	43	46	15.23	cps
Phosphorus	31-2	158	200	242	200	20.83	cps
Potassium	39-2	18904	19230	19289	19141	1.08	cps
Rhodium	103-1	14208682	13859470	13721328	13929827	1.80	cps
Rhodium	103-2	5186869	5089851	4979198	5085306	2.04	cps
Scandium	45-1	11893954	11575886	11256133	11575324	2.76	cps
Scandium	45-2	302715	294677	293299	296897	1.71	cps
Selenium	82-1	-11	185	-338	-55	-483.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	110	135	115	120	11.02	cps
Silicon	28-1	763206	762086	756453	760582	0.48	cps
Silver	107-1	867	675	850	797	13.32	cps
Silver	109-1	683	592	542	606	11.86	cps
Sodium	23-2	26508	26566	26257	26444	0.62	cps
Strontium	86-1	20883	20324	21834	21013	3.63	cps
Strontium	88-1	642	583	567	597	6.59	cps
Sulfur	34-1	375446	373213	370499	373052	0.66	cps
Terbium	159-1	16290063	16378767	16590990	16419940	0.94	cps
Terbium	159-2	5781510	5928283	5641507	5783766	2.48	cps
Thallium	203-1	1217	1100	1108	1142	5.70	cps
Thallium	205-1	2534	2875	2567	2659	7.09	cps
Tin	118-1	2450	2159	2267	2292	6.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:25:25	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	533	375	447	17.91	cps
Uranium	238-1	83	150	108	114	29.57	cps
Vanadium	51-2	10	23	13	16	44.60	cps
Ytterbium	172-1	83	83	42	69	34.64	cps
Ytterbium	172-2	44	61	44	50	19.24	cps
Ytterbium	176-1	1942	2017	2184	2047	6.04	cps
Ytterbium	176-2	6752	7274	7197	7074	3.99	cps
Yttrium	89-1	23778060	23834555	23735775	23782797	0.21	cps
Yttrium	89-2	2281484	2309999	2288770	2293418	0.65	cps
Zinc	66-2	210	203	187	200	6.01	cps
Zirconium	90-1	1192	1400	1683	1425	17.32	cps
Zirconium	91-1	292	317	350	319	9.16	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2309-04 Instrumnet Name : P8
 Client Sample ID : MH1PT5 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 15:29:15 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2868811	2829836	2846432	2848360	0.69	cps
Antimony	121-1	55095	56158	58702	56652	3.27	cps
Arsenic	75-2	20675	20821	20466	20654	0.87	cps
Barium	135-1	1986753	1961694	2018180	1988876	1.42	cps
Barium	137-1	3423064	3357744	3475527	3418778	1.73	cps
Beryllium	9-1	9961	10053	10264	10093	1.53	cps
Bismuth	209-1	9843409	9428183	9482244	9584612	2.36	cps
Bismuth	209-2	4053805	4057017	4091276	4067366	0.51	cps
Boron	10-1	26028	26050	26329	26136	0.64	cps
Boron	11-1	110048	111890	119216	113718	4.26	cps
Bromine	81-1	88990	90961	90053	90002	1.10	cps
Cadmium	111-1	43336	44218	45586	44380	2.55	cps
Cadmium	106-1	11622	11755	11522	11633	1.01	cps
Cadmium	108-1	3242	3417	3146	3268	4.20	cps
Calcium	43-1	10357977	10142152	10358830	10286320	1.21	cps
Calcium	44-1	166262507	164779862	168288401	166443590	1.06	cps
Carbon	12-1	15307484	15123739	15281389	15237537	0.65	cps
Carbon	12-2	145902	146392	142908	145067	1.30	cps
Chlorine	35-1	71246583	87881804	100272552	86466980	16.84	cps
Chlorine	35-2	753372	798896	815962	789410	4.10	cps
Chromium	52-2	183436	184638	180919	182998	1.04	cps
Cobalt	59-2	139664	136832	140339	138945	1.34	cps
Copper	63-2	578305	573585	573221	575037	0.49	cps
Dysprosium	156-1	149622	147202	146735	147853	1.05	cps
Dysprosium	156-2	49043	48645	49134	48941	0.53	cps
Erbium	164-1	115956	114831	116686	115824	0.81	cps
Erbium	164-2	40980	40806	41191	40992	0.47	cps
Gadolinium	160-1	126013	127214	131278	128168	2.15	cps
Gadolinium	160-2	51031	52099	52265	51798	1.29	cps
Holmium	165-1	17366379	17623823	16875621	17288608	2.20	cps
Holmium	165-2	6225375	6209176	6304692	6246415	0.82	cps
Indium	115-1	15028687	15189152	15435816	15217885	1.35	cps
Indium	115-2	2087761	2076297	2122784	2095614	1.16	cps
Iron	54-2	12775503	13135051	12456024	12788859	2.66	cps
Iron	56-2	229384116	236981983	228872483	231746194	1.96	cps
Iron	57-2	5842940	5922103	5802075	5855706	1.04	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-04	Instrumnet Name :	P8
Client Sample ID :	MH1PT5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:29:15	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13778	13602	13724	13701	0.65	cps
Lead	206-1	5418491	5455392	5633520	5502468	2.09	cps
Lead	207-1	4629257	4721898	4804774	4718643	1.86	cps
Lead	208-1	21573242	21564610	22049191	21729014	1.28	cps
Lithium	6-1	9508372	9920942	9263958	9564424	3.47	cps
Magnesium	24-2	3995427	3923708	3768662	3895932	2.98	cps
Manganese	55-2	1937799	2025267	1957245	1973437	2.33	cps
Molybdenum	94-1	47850	49615	49999	49155	2.33	cps
Molybdenum	95-1	41613	44806	44372	43597	3.97	cps
Molybdenum	96-1	65298	67389	68319	67002	2.31	cps
Molybdenum	97-1	27353	27102	27962	27472	1.61	cps
Molybdenum	98-1	67507	69375	71368	69416	2.78	cps
Neodymium	150-1	238449	235610	240339	238132	1.00	cps
Neodymium	150-2	66300	66039	66853	66397	0.63	cps
Nickel	60-2	89688	91838	91063	90863	1.20	cps
Phosphorus	31-2	25273	27351	26024	26216	4.01	cps
Potassium	39-2	1421748	1373449	1346663	1380620	2.76	cps
Rhodium	103-1	14050208	14369331	14236478	14218672	1.13	cps
Rhodium	103-2	5330759	5499206	5351903	5393956	1.70	cps
Scandium	45-1	12700080	12492521	13017826	12736809	2.08	cps
Scandium	45-2	327312	329166	326818	327765	0.38	cps
Selenium	82-1	618	1146	896	887	29.79	cps
Selenium	77-2	317	403	393	371	12.78	cps
Selenium	78-2	440	393	402	412	6.06	cps
Silicon	28-1	11933588	11850584	12009511	11931228	0.67	cps
Silver	107-1	44347	45066	46471	45295	2.38	cps
Silver	109-1	42149	43495	43043	42896	1.60	cps
Sodium	23-2	440401	435877	432893	436390	0.87	cps
Strontium	86-1	2380594	2385337	2408972	2391635	0.64	cps
Strontium	88-1	19551342	19410808	20339685	19767278	2.53	cps
Sulfur	34-1	533617	537918	541283	537606	0.71	cps
Terbium	159-1	17951541	17897198	18473248	18107329	1.76	cps
Terbium	159-2	6160459	6206811	6480247	6282506	2.75	cps
Thallium	203-1	10555	10471	10813	10613	1.68	cps
Thallium	205-1	25317	25250	26377	25648	2.47	cps
Tin	118-1	92118	92413	99411	94647	4.36	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-04	Instrumnet Name :	P8
Client Sample ID :	MH1PT5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:29:15	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1245434	1299412	1337820	1294222	3.59	cps
Uranium	238-1	186292	183430	187314	185679	1.08	cps
Vanadium	51-2	523554	525360	522774	523896	0.25	cps
Ytterbium	172-1	31915	32574	33368	32619	2.23	cps
Ytterbium	172-2	13346	13863	13468	13559	1.99	cps
Ytterbium	176-1	22119	22578	22445	22381	1.06	cps
Ytterbium	176-2	15687	17061	16094	16281	4.34	cps
Yttrium	89-1	27599096	27632862	28426430	27886130	1.68	cps
Yttrium	89-2	2692583	2687322	2686657	2688854	0.12	cps
Zinc	66-2	322774	318653	310580	317336	1.95	cps
Zirconium	90-1	62683	63119	64098	63300	1.15	cps
Zirconium	91-1	13891	14308	14458	14219	2.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-05	Instrumnet Name :	P8
Client Sample ID :	MH1PT6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:32:11	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2226452	2337203	2234252	2265969	2.73	cps
Antimony	121-1	62393	63849	64168	63470	1.49	cps
Arsenic	75-2	16151	16108	15882	16047	0.90	cps
Barium	135-1	1957017	1949504	2018338	1974953	1.91	cps
Barium	137-1	3283483	3383459	3389372	3352105	1.78	cps
Beryllium	9-1	9767	9493	9841	9701	1.89	cps
Bismuth	209-1	9515372	9516798	9492915	9508362	0.14	cps
Bismuth	209-2	4203217	4275676	4262528	4247140	0.91	cps
Boron	10-1	42752	43935	46272	44320	4.04	cps
Boron	11-1	188752	197018	208552	198107	5.02	cps
Bromine	81-1	96887	94420	89552	93619	3.99	cps
Cadmium	111-1	39888	37771	38295	38651	2.85	cps
Cadmium	106-1	11881	11730	11655	11755	0.98	cps
Cadmium	108-1	3084	2955	2942	2993	2.62	cps
Calcium	43-1	7883920	7932273	8013824	7943339	0.83	cps
Calcium	44-1	130138973	131558710	130579560	130759081	0.56	cps
Carbon	12-1	28702380	28945180	28947929	28865163	0.49	cps
Carbon	12-2	279648	272814	277508	276656	1.26	cps
Chlorine	35-1	109874286	118362053	126365394	118200578	6.98	cps
Chlorine	35-2	899842	922436	953220	925166	2.90	cps
Chromium	52-2	191133	190406	188228	189922	0.80	cps
Cobalt	59-2	129481	131034	128771	129762	0.89	cps
Copper	63-2	768898	763223	760941	764354	0.54	cps
Dysprosium	156-1	131616	128831	132978	131142	1.61	cps
Dysprosium	156-2	42103	42314	42297	42238	0.28	cps
Erbium	164-1	100222	101371	100782	100791	0.57	cps
Erbium	164-2	35290	35076	34986	35118	0.44	cps
Gadolinium	160-1	108508	112651	112070	111076	2.02	cps
Gadolinium	160-2	44548	44294	43270	44037	1.54	cps
Holmium	165-1	16886528	16840694	16874898	16867373	0.14	cps
Holmium	165-2	6310917	6302033	5988976	6200642	2.96	cps
Indium	115-1	15029160	15323041	14930446	15094215	1.35	cps
Indium	115-2	2106860	2136229	2068666	2103919	1.61	cps
Iron	54-2	11569858	11340645	11052171	11320891	2.29	cps
Iron	56-2	208975966	202608855	206627221	206070681	1.56	cps
Iron	57-2	5279459	5171396	5167348	5206068	1.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-05	Instrumnet Name :	P8
Client Sample ID :	MH1PT6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:32:11	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13515	13580	13724	13606	0.79	cps
Lead	206-1	8229091	8033874	7952600	8071855	1.76	cps
Lead	207-1	6715869	6760569	6634251	6703563	0.96	cps
Lead	208-1	31507052	31523896	31070666	31367205	0.82	cps
Lithium	6-1	9431551	9829086	9797890	9686176	2.28	cps
Magnesium	24-2	3722008	3835397	3754717	3770708	1.55	cps
Manganese	55-2	2597316	2561611	2491796	2550241	2.10	cps
Molybdenum	94-1	46010	45458	45859	45776	0.62	cps
Molybdenum	95-1	45333	46270	47072	46225	1.88	cps
Molybdenum	96-1	66427	64509	67909	66282	2.57	cps
Molybdenum	97-1	29148	27753	29256	28719	2.92	cps
Molybdenum	98-1	71670	70312	73763	71915	2.42	cps
Neodymium	150-1	211359	212811	214964	213044	0.85	cps
Neodymium	150-2	57982	58166	57332	57827	0.76	cps
Nickel	60-2	82817	85040	83836	83898	1.33	cps
Phosphorus	31-2	52036	52086	48842	50988	3.65	cps
Potassium	39-2	2013099	2021174	1991189	2008487	0.77	cps
Rhodium	103-1	14066981	14504357	14157266	14242868	1.62	cps
Rhodium	103-2	5507257	5365870	5331740	5401622	1.72	cps
Scandium	45-1	12374152	12807319	13003019	12728163	2.53	cps
Scandium	45-2	326680	335135	329159	330325	1.32	cps
Selenium	82-1	1290	1226	1221	1246	3.08	cps
Selenium	77-2	343	300	290	311	9.11	cps
Selenium	78-2	400	375	417	397	5.32	cps
Silicon	28-1	8883302	9111752	8929867	8974974	1.35	cps
Silver	107-1	43369	42851	43102	43107	0.60	cps
Silver	109-1	39976	40269	42182	40809	2.94	cps
Sodium	23-2	475774	477728	473817	475773	0.41	cps
Strontium	86-1	3110173	3122948	3129065	3120729	0.31	cps
Strontium	88-1	27203645	26972375	26745131	26973717	0.85	cps
Sulfur	34-1	696654	699743	698968	698455	0.23	cps
Terbium	159-1	17278409	17975929	17913173	17722504	2.18	cps
Terbium	159-2	6166171	6307926	6198599	6224232	1.19	cps
Thallium	203-1	7327	8178	8511	8005	7.63	cps
Thallium	205-1	19432	19432	18973	19279	1.37	cps
Tin	118-1	232388	237970	235593	235317	1.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-05	Instrumnet Name :	P8
Client Sample ID :	MH1PT6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:32:11	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	957095	969332	954789	960406	0.81	cps
Uranium	238-1	201526	208124	205379	205010	1.62	cps
Vanadium	51-2	393215	389575	391986	391592	0.47	cps
Ytterbium	172-1	29533	29241	29876	29550	1.08	cps
Ytterbium	172-2	11566	12395	11833	11932	3.54	cps
Ytterbium	176-1	19966	19832	20408	20069	1.50	cps
Ytterbium	176-2	14619	15609	15615	15281	3.75	cps
Yttrium	89-1	28118084	27228956	28126455	27824498	1.85	cps
Yttrium	89-2	2717918	2581019	2573861	2624266	3.09	cps
Zinc	66-2	858407	846793	841476	848892	1.02	cps
Zirconium	90-1	52274	50042	53712	52009	3.56	cps
Zirconium	91-1	11121	11230	12323	11558	5.75	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-06	Instrumnet Name :	P8
Client Sample ID :	MH1PT7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:35:05	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2344829	2347156	2351688	2347891	0.15	cps
Antimony	121-1	66521	64755	66798	66025	1.68	cps
Arsenic	75-2	15916	16113	16114	16047	0.71	cps
Barium	135-1	2045143	2012666	2079667	2045825	1.64	cps
Barium	137-1	3546761	3596653	3397069	3513494	2.96	cps
Beryllium	9-1	10300	10354	10031	10228	1.69	cps
Bismuth	209-1	10180123	9698622	9674582	9851109	2.89	cps
Bismuth	209-2	4154944	4163814	4136474	4151744	0.34	cps
Boron	10-1	41838	41670	43969	42492	3.02	cps
Boron	11-1	179651	191292	193821	188255	4.01	cps
Bromine	81-1	96756	99165	98278	98066	1.24	cps
Cadmium	111-1	44238	42362	44161	43587	2.44	cps
Cadmium	106-1	12006	11847	12389	12081	2.31	cps
Cadmium	108-1	3096	3342	3225	3221	3.82	cps
Calcium	43-1	8617195	8666357	8561049	8614867	0.61	cps
Calcium	44-1	137251762	139360806	141836226	139482931	1.65	cps
Carbon	12-1	26961904	27514962	27489462	27322109	1.14	cps
Carbon	12-2	251499	262646	250763	254969	2.61	cps
Chlorine	35-1	130323128	144694932	156607558	143875206	9.15	cps
Chlorine	35-2	1053148	1077191	1079781	1070040	1.37	cps
Chromium	52-2	186085	186956	186280	186440	0.25	cps
Cobalt	59-2	134022	135172	134470	134554	0.43	cps
Copper	63-2	792773	786126	787398	788766	0.45	cps
Dysprosium	156-1	140517	140938	138422	139959	0.96	cps
Dysprosium	156-2	44103	44270	44361	44244	0.30	cps
Erbium	164-1	107401	111493	111711	110202	2.20	cps
Erbium	164-2	37316	36019	37664	37000	2.34	cps
Gadolinium	160-1	118857	118189	118181	118409	0.33	cps
Gadolinium	160-2	45728	45986	46478	46064	0.83	cps
Holmium	165-1	16741572	17675518	17243744	17220278	2.71	cps
Holmium	165-2	6192182	6212261	6056157	6153533	1.38	cps
Indium	115-1	15425557	16439226	16513762	16126182	3.77	cps
Indium	115-2	2107936	2011586	2168670	2096064	3.78	cps
Iron	54-2	10924543	11052043	10928016	10968201	0.66	cps
Iron	56-2	197114882	199701532	198827777	198548064	0.66	cps
Iron	57-2	4985211	4905041	5054928	4981727	1.51	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-06	Instrumnet Name :	P8
Client Sample ID :	MH1PT7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:35:05	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13863	13999	13856	13906	0.58	cps
Lead	206-1	7786812	8127767	8130350	8014976	2.47	cps
Lead	207-1	6624624	6732904	6656296	6671275	0.83	cps
Lead	208-1	30778126	31058475	30878353	30904985	0.46	cps
Lithium	6-1	9484490	9714913	10426610	9875338	4.97	cps
Magnesium	24-2	3937979	3936071	3976324	3950125	0.57	cps
Manganese	55-2	2582039	2579479	2624284	2595267	0.97	cps
Molybdenum	94-1	50584	49514	50125	50074	1.07	cps
Molybdenum	95-1	48996	48762	49916	49224	1.24	cps
Molybdenum	96-1	67466	68245	70530	68747	2.32	cps
Molybdenum	97-1	29340	28714	30058	29371	2.29	cps
Molybdenum	98-1	77719	79880	75842	77814	2.60	cps
Neodymium	150-1	227079	226319	228235	227211	0.42	cps
Neodymium	150-2	60312	58742	58759	59271	1.52	cps
Nickel	60-2	108930	108064	107551	108182	0.64	cps
Phosphorus	31-2	47353	48566	47387	47769	1.45	cps
Potassium	39-2	1774721	1741095	1773266	1763027	1.08	cps
Rhodium	103-1	15179727	14939233	15082577	15067179	0.80	cps
Rhodium	103-2	5528453	5337900	5487970	5451441	1.84	cps
Scandium	45-1	12944242	13264724	13144082	13117683	1.23	cps
Scandium	45-2	331385	333936	327398	330906	1.00	cps
Selenium	82-1	1187	1122	1119	1143	3.39	cps
Selenium	77-2	340	350	370	353	4.32	cps
Selenium	78-2	415	416	401	411	2.04	cps
Silicon	28-1	12394012	12783776	12762097	12646628	1.73	cps
Silver	107-1	47316	46705	47006	47009	0.65	cps
Silver	109-1	44556	46505	45786	45616	2.16	cps
Sodium	23-2	559014	555360	557290	557221	0.33	cps
Strontium	86-1	3178967	3241725	3190809	3203834	1.04	cps
Strontium	88-1	26296444	27594941	26997750	26963045	2.41	cps
Sulfur	34-1	683445	677122	682265	680944	0.49	cps
Terbium	159-1	18157471	18226393	17810217	18064694	1.23	cps
Terbium	159-2	6037282	6169839	6043395	6083505	1.23	cps
Thallium	203-1	8336	8403	9078	8606	4.77	cps
Thallium	205-1	20542	20767	20383	20564	0.94	cps
Tin	118-1	200316	215449	213806	209857	3.96	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-06	Instrumnet Name :	P8
Client Sample ID :	MH1PT7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:35:05	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1022741	1033061	1027056	1027619	0.50	cps
Uranium	238-1	210163	215566	212940	212890	1.27	cps
Vanadium	51-2	390555	387400	389354	389103	0.41	cps
Ytterbium	172-1	30728	32274	31338	31446	2.48	cps
Ytterbium	172-2	12122	12056	12395	12191	1.47	cps
Ytterbium	176-1	21693	21802	22219	21905	1.27	cps
Ytterbium	176-2	15454	15660	15632	15582	0.72	cps
Yttrium	89-1	28631836	29516406	28773643	28973962	1.64	cps
Yttrium	89-2	2666415	2652049	2589142	2635869	1.56	cps
Zinc	66-2	766672	779165	768818	771552	0.87	cps
Zirconium	90-1	56072	59503	60089	58555	3.71	cps
Zirconium	91-1	12923	13315	13407	13215	1.94	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-07	Instrumnet Name :	P8
Client Sample ID :	MH1PT8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:38:00	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2637450	2580696	2597897	2605347	1.12	cps
Antimony	121-1	65348	65432	66831	65870	1.26	cps
Arsenic	75-2	16862	17372	17050	17095	1.51	cps
Barium	135-1	2096992	2146196	2202636	2148608	2.46	cps
Barium	137-1	3518124	3733767	3703433	3651775	3.20	cps
Beryllium	9-1	10188	10320	10208	10238	0.70	cps
Bismuth	209-1	9862816	9903391	9908668	9891625	0.25	cps
Bismuth	209-2	4295013	3990472	4065848	4117111	3.85	cps
Boron	10-1	34552	34658	35248	34819	1.08	cps
Boron	11-1	148211	153945	155486	152547	2.51	cps
Bromine	81-1	91776	96214	103291	97094	5.98	cps
Cadmium	111-1	48054	47940	48027	48007	0.13	cps
Cadmium	106-1	12923	13057	12073	12684	4.21	cps
Cadmium	108-1	3484	3776	3680	3646	4.08	cps
Calcium	43-1	9035355	9082464	9144182	9087334	0.60	cps
Calcium	44-1	143197441	147592833	144797400	145195891	1.53	cps
Carbon	12-1	21112357	21290002	21312892	21238417	0.52	cps
Carbon	12-2	194892	197658	194865	195805	0.82	cps
Chlorine	35-1	136215791	152564337	163393599	150724576	9.08	cps
Chlorine	35-2	1109284	1114192	1111861	1111779	0.22	cps
Chromium	52-2	180472	180413	179977	180288	0.15	cps
Cobalt	59-2	136816	135342	135546	135901	0.59	cps
Copper	63-2	784107	772824	754116	770349	1.97	cps
Dysprosium	156-1	140769	148638	138394	142600	3.76	cps
Dysprosium	156-2	45524	44758	44260	44848	1.42	cps
Erbium	164-1	111232	109099	113132	111155	1.82	cps
Erbium	164-2	37165	37429	36845	37146	0.79	cps
Gadolinium	160-1	119657	118569	118982	119069	0.46	cps
Gadolinium	160-2	46926	47277	46872	47025	0.47	cps
Holmium	165-1	17260729	16968827	17366343	17198633	1.20	cps
Holmium	165-2	6178809	6149272	6153355	6160479	0.26	cps
Indium	115-1	15085251	16202950	15250726	15512976	3.89	cps
Indium	115-2	2078196	2017836	2050308	2048780	1.47	cps
Iron	54-2	11700896	12276610	12123017	12033508	2.48	cps
Iron	56-2	222552733	228902500	218251527	223235586	2.40	cps
Iron	57-2	5685462	5512443	5514718	5570874	1.78	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-07	Instrumnet Name :	P8
Client Sample ID :	MH1PT8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:38:00	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14255	14292	14194	14247	0.35	cps
Lead	206-1	8253354	8166854	8317003	8245737	0.91	cps
Lead	207-1	6996228	7058435	7109893	7054852	0.81	cps
Lead	208-1	32521398	32480569	33059156	32687041	0.99	cps
Lithium	6-1	9565808	10021124	10620860	10069264	5.26	cps
Magnesium	24-2	3786033	3836426	3790689	3804383	0.73	cps
Manganese	55-2	2294075	2363036	2270993	2309368	2.07	cps
Molybdenum	94-1	53545	56525	53781	54617	3.03	cps
Molybdenum	95-1	46194	47064	45601	46286	1.59	cps
Molybdenum	96-1	69978	70622	69961	70187	0.54	cps
Molybdenum	97-1	28288	29232	29006	28842	1.71	cps
Molybdenum	98-1	71870	73421	72498	72596	1.07	cps
Neodymium	150-1	232652	233633	232933	233073	0.22	cps
Neodymium	150-2	60774	60888	60098	60587	0.71	cps
Nickel	60-2	101295	101832	98559	100562	1.75	cps
Phosphorus	31-2	37057	36865	36522	36814	0.74	cps
Potassium	39-2	1498705	1488541	1424425	1470557	2.74	cps
Rhodium	103-1	14526264	14648899	14473446	14549536	0.62	cps
Rhodium	103-2	5315637	5292446	5354826	5320969	0.59	cps
Scandium	45-1	12726367	13655493	12905071	13095644	3.76	cps
Scandium	45-2	330456	330272	329170	329966	0.21	cps
Selenium	82-1	1689	1324	1230	1414	17.16	cps
Selenium	77-2	330	370	323	341	7.40	cps
Selenium	78-2	378	388	375	380	1.79	cps
Silicon	28-1	20641536	21120615	21524298	21095483	2.09	cps
Silver	107-1	53095	54200	52795	53363	1.39	cps
Silver	109-1	51188	50544	49883	50538	1.29	cps
Sodium	23-2	542183	563998	558139	554773	2.04	cps
Strontium	86-1	2866288	2951994	2843357	2887213	1.98	cps
Strontium	88-1	24287077	23747671	25071526	24368758	2.73	cps
Sulfur	34-1	637584	636670	625079	633111	1.10	cps
Terbium	159-1	18441226	18217490	17998541	18219086	1.21	cps
Terbium	159-2	6073249	6072939	5993339	6046509	0.76	cps
Thallium	203-1	9462	9445	8887	9265	3.53	cps
Thallium	205-1	22203	22378	22053	22211	0.73	cps
Tin	118-1	172390	172616	172665	172557	0.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-07	Instrumnet Name :	P8
Client Sample ID :	MH1PT8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:38:00	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1339566	1379934	1354045	1357848	1.51	cps
Uranium	238-1	210865	214672	216627	214055	1.37	cps
Vanadium	51-2	456358	451027	440990	449458	1.74	cps
Ytterbium	172-1	32658	31881	32733	32424	1.45	cps
Ytterbium	172-2	12512	12784	13046	12781	2.09	cps
Ytterbium	176-1	21835	22086	21527	21816	1.28	cps
Ytterbium	176-2	14725	14764	15943	15144	4.57	cps
Yttrium	89-1	28831488	28324214	28799465	28651722	0.99	cps
Yttrium	89-2	2658807	2604690	2648087	2637195	1.09	cps
Zinc	66-2	590515	601025	606076	599205	1.32	cps
Zirconium	90-1	74743	76712	75498	75651	1.31	cps
Zirconium	91-1	17228	17495	17044	17256	1.31	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-08	Instrumnet Name :	P8
Client Sample ID :	MH1PT9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:40:53	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3025370	3079892	3022169	3042477	1.07	cps
Antimony	121-1	53933	55730	55496	55053	1.78	cps
Arsenic	75-2	17871	17459	17575	17635	1.21	cps
Barium	135-1	2140469	2137347	2201029	2159615	1.66	cps
Barium	137-1	3840757	3768247	3829649	3812884	1.02	cps
Beryllium	9-1	10550	10652	10388	10530	1.27	cps
Bismuth	209-1	9419056	9882674	9631232	9644321	2.41	cps
Bismuth	209-2	4138031	4074088	4169570	4127229	1.18	cps
Boron	10-1	23923	23833	24586	24114	1.71	cps
Boron	11-1	103142	105213	107306	105220	1.98	cps
Bromine	81-1	96467	98934	104643	100015	4.19	cps
Cadmium	111-1	29141	29563	28799	29167	1.31	cps
Cadmium	106-1	11013	11063	10821	10966	1.16	cps
Cadmium	108-1	1934	2234	2213	2127	7.88	cps
Calcium	43-1	11680642	11342469	12214585	11745899	3.74	cps
Calcium	44-1	183962577	187587446	198774141	190108055	4.06	cps
Carbon	12-1	14852274	14800515	15294575	14982455	1.81	cps
Carbon	12-2	138585	140940	138272	139266	1.05	cps
Chlorine	35-1	132847515	145871428	162725383	147148109	10.18	cps
Chlorine	35-2	1073839	1127571	1093288	1098233	2.48	cps
Chromium	52-2	185885	185537	184101	185174	0.51	cps
Cobalt	59-2	147942	149175	144648	147255	1.59	cps
Copper	63-2	526292	526253	517443	523329	0.97	cps
Dysprosium	156-1	160790	162184	160126	161033	0.65	cps
Dysprosium	156-2	49863	50723	49766	50117	1.05	cps
Erbium	164-1	127445	123498	123297	124747	1.87	cps
Erbium	164-2	42381	41047	42143	41857	1.70	cps
Gadolinium	160-1	138891	138915	141787	139864	1.19	cps
Gadolinium	160-2	51319	53206	51299	51941	2.11	cps
Holmium	165-1	17324524	17942603	16892244	17386457	3.04	cps
Holmium	165-2	6034859	6120475	6175927	6110420	1.16	cps
Indium	115-1	15606000	15687034	15412278	15568437	0.91	cps
Indium	115-2	2028379	2078870	2031564	2046271	1.38	cps
Iron	54-2	12734284	12801148	12345859	12627097	1.95	cps
Iron	56-2	233701861	234755805	226341833	231599833	1.98	cps
Iron	57-2	5978833	5858984	5699051	5845623	2.40	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-08	Instrumnet Name :	P8
Client Sample ID :	MH1PT9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:40:53	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13900	14020	13860	13927	0.60	cps
Lead	206-1	3474545	3398577	3559416	3477513	2.31	cps
Lead	207-1	2971584	2961878	2996085	2976515	0.59	cps
Lead	208-1	13570413	13540004	13782694	13631037	0.97	cps
Lithium	6-1	9883977	10084226	10185619	10051274	1.53	cps
Magnesium	24-2	4102653	4076408	3963295	4047452	1.83	cps
Manganese	55-2	1796540	1798371	1677311	1757408	3.95	cps
Molybdenum	94-1	50083	51078	49497	50219	1.59	cps
Molybdenum	95-1	47038	46286	46403	46576	0.87	cps
Molybdenum	96-1	70288	71996	71301	71195	1.21	cps
Molybdenum	97-1	30117	30209	30150	30158	0.15	cps
Molybdenum	98-1	73219	74266	74835	74107	1.11	cps
Neodymium	150-1	263182	265455	264809	264482	0.44	cps
Neodymium	150-2	69141	67657	66571	67790	1.90	cps
Nickel	60-2	113385	113174	111756	112772	0.79	cps
Phosphorus	31-2	25348	24789	24747	24961	1.34	cps
Potassium	39-2	1392881	1416963	1381087	1396977	1.31	cps
Rhodium	103-1	14470741	14754161	14599691	14608198	0.97	cps
Rhodium	103-2	5396955	5300130	5196618	5297901	1.89	cps
Scandium	45-1	12826042	13287376	13330730	13148049	2.13	cps
Scandium	45-2	335246	331059	324522	330276	1.64	cps
Selenium	82-1	793	1220	1456	1156	29.06	cps
Selenium	77-2	357	323	443	374	16.54	cps
Selenium	78-2	427	373	395	398	6.82	cps
Silicon	28-1	11457415	11493105	11230912	11393811	1.25	cps
Silver	107-1	23429	23053	22970	23151	1.06	cps
Silver	109-1	21008	22511	23588	22369	5.79	cps
Sodium	23-2	501523	489713	482660	491299	1.94	cps
Strontium	86-1	2540688	2579599	2557404	2559230	0.76	cps
Strontium	88-1	21192866	21546115	21877983	21538988	1.59	cps
Sulfur	34-1	587484	578890	577434	581269	0.93	cps
Terbium	159-1	18205939	18431417	18390800	18342719	0.66	cps
Terbium	159-2	6220625	5945838	6091352	6085938	2.26	cps
Thallium	203-1	9512	9654	9445	9537	1.12	cps
Thallium	205-1	23088	23756	23798	23547	1.69	cps
Tin	118-1	89964	90659	90668	90430	0.45	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-08	Instrumnet Name :	P8
Client Sample ID :	MH1PT9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:40:53	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1381860	1402689	1393336	1392628	0.75	cps
Uranium	238-1	220433	230238	223875	224849	2.21	cps
Vanadium	51-2	538111	543298	526071	535827	1.65	cps
Ytterbium	172-1	36811	37329	34947	36362	3.44	cps
Ytterbium	172-2	14375	13429	13101	13635	4.85	cps
Ytterbium	176-1	24098	23739	24582	24139	1.75	cps
Ytterbium	176-2	15587	16505	16288	16127	2.97	cps
Yttrium	89-1	27606168	29056829	29009542	28557513	2.89	cps
Yttrium	89-2	2675004	2611681	2599746	2628810	1.54	cps
Zinc	66-2	260399	260492	252036	257642	1.88	cps
Zirconium	90-1	56692	60265	61177	59378	3.99	cps
Zirconium	91-1	13265	13607	13549	13474	1.36	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-09	Instrumnet Name :	P8
Client Sample ID :	MH1PW0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:43:49	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2308369	2343080	2349590	2333680	0.95	cps
Antimony	121-1	62058	64730	64838	63875	2.47	cps
Arsenic	75-2	14366	14174	14449	14329	0.99	cps
Barium	135-1	1956806	1945936	1975017	1959253	0.75	cps
Barium	137-1	3334267	3349574	3392871	3358904	0.90	cps
Beryllium	9-1	9845	9727	9623	9732	1.14	cps
Bismuth	209-1	9510877	9931555	9926278	9789570	2.47	cps
Bismuth	209-2	4212501	4290617	4099614	4200911	2.29	cps
Boron	10-1	41054	42309	44722	42695	4.37	cps
Boron	11-1	184386	185865	194838	188363	3.00	cps
Bromine	81-1	86731	94305	92758	91265	4.39	cps
Cadmium	111-1	38324	38147	39513	38661	1.92	cps
Cadmium	106-1	11822	12031	11830	11894	0.99	cps
Cadmium	108-1	3175	3434	3205	3271	4.33	cps
Calcium	43-1	7730512	7955639	7938222	7874791	1.59	cps
Calcium	44-1	125887664	126426916	129134721	127149767	1.37	cps
Carbon	12-1	28662513	29021544	28832764	28838941	0.62	cps
Carbon	12-2	269852	271547	276560	272653	1.28	cps
Chlorine	35-1	113061023	122644390	133163670	122956361	8.18	cps
Chlorine	35-2	880767	891106	898352	890075	0.99	cps
Chromium	52-2	194101	189943	193774	192606	1.20	cps
Cobalt	59-2	124614	123098	125789	124500	1.08	cps
Copper	63-2	748997	736899	746638	744178	0.86	cps
Dysprosium	156-1	129185	131012	136640	132279	2.94	cps
Dysprosium	156-2	41725	41528	41856	41703	0.40	cps
Erbium	164-1	99515	101387	100320	100407	0.94	cps
Erbium	164-2	34869	35153	35364	35129	0.71	cps
Gadolinium	160-1	108097	110803	113979	110960	2.65	cps
Gadolinium	160-2	43598	43829	43708	43712	0.26	cps
Holmium	165-1	16702864	17239675	17351674	17098071	2.03	cps
Holmium	165-2	6268858	6189189	6228165	6228737	0.64	cps
Indium	115-1	15395936	15638122	15817905	15617321	1.36	cps
Indium	115-2	2071294	2082453	1998021	2050590	2.24	cps
Iron	54-2	11817816	11620506	11681511	11706611	0.86	cps
Iron	56-2	216100022	213267699	213957694	214441805	0.69	cps
Iron	57-2	5366294	5376437	5321771	5354834	0.54	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-09	Instrumnet Name :	P8
Client Sample ID :	MH1PW0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:43:49	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13655	14105	14008	13923	1.70	cps
Lead	206-1	7580010	7357549	7624442	7520667	1.90	cps
Lead	207-1	6369827	6527090	6612304	6503074	1.89	cps
Lead	208-1	29438946	30263685	30363008	30021879	1.69	cps
Lithium	6-1	9755468	9424028	10233904	9804467	4.15	cps
Magnesium	24-2	3939159	3856860	3918525	3904848	1.10	cps
Manganese	55-2	2557108	2556366	2591597	2568357	0.78	cps
Molybdenum	94-1	42064	42240	43143	42482	1.36	cps
Molybdenum	95-1	41922	44079	43578	43193	2.61	cps
Molybdenum	96-1	61253	63363	64242	62952	2.44	cps
Molybdenum	97-1	26760	26317	27236	26771	1.72	cps
Molybdenum	98-1	65731	66561	67139	66477	1.06	cps
Neodymium	150-1	205361	208082	219171	210871	3.47	cps
Neodymium	150-2	56332	56659	56683	56558	0.35	cps
Nickel	60-2	81207	79870	81275	80784	0.98	cps
Phosphorus	31-2	48098	48926	47872	48298	1.15	cps
Potassium	39-2	1999973	1904343	1968385	1957567	2.49	cps
Rhodium	103-1	13928481	14149325	14442603	14173469	1.82	cps
Rhodium	103-2	5313764	5348052	5254220	5305345	0.89	cps
Scandium	45-1	12867851	12498373	13066428	12810884	2.25	cps
Scandium	45-2	327116	322276	324380	324591	0.75	cps
Selenium	82-1	1409	1356	1336	1367	2.74	cps
Selenium	77-2	340	343	247	310	17.70	cps
Selenium	78-2	358	342	380	360	5.30	cps
Silicon	28-1	8364709	8392280	8281545	8346178	0.69	cps
Silver	107-1	43812	44591	44991	44465	1.35	cps
Silver	109-1	41071	42333	42960	42121	2.28	cps
Sodium	23-2	402798	396605	404320	401241	1.02	cps
Strontium	86-1	3076954	3181110	3123700	3127255	1.67	cps
Strontium	88-1	26053325	26132640	26404207	26196724	0.70	cps
Sulfur	34-1	700070	703536	695301	699636	0.59	cps
Terbium	159-1	17037484	17568818	18321697	17642666	3.66	cps
Terbium	159-2	6087502	6304878	6043449	6145277	2.28	cps
Thallium	203-1	8345	7944	8053	8114	2.55	cps
Thallium	205-1	20533	18839	19181	19518	4.59	cps
Tin	118-1	190288	194944	196722	193985	1.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-09	Instrumnet Name :	P8
Client Sample ID :	MH1PW0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:43:49	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1003267	1012833	1010380	1008827	0.49	cps
Uranium	238-1	205724	221439	218114	215093	3.85	cps
Vanadium	51-2	405371	399343	398140	400951	0.97	cps
Ytterbium	172-1	29885	30344	31363	30531	2.48	cps
Ytterbium	172-2	11416	11661	11844	11640	1.85	cps
Ytterbium	176-1	19698	19891	21284	20291	4.27	cps
Ytterbium	176-2	13930	14714	14987	14543	3.77	cps
Yttrium	89-1	27229022	28684962	27115568	27676517	3.16	cps
Yttrium	89-2	2600845	2629093	2610350	2613429	0.55	cps
Zinc	66-2	808742	797339	811850	805977	0.95	cps
Zirconium	90-1	45157	45470	46119	45582	1.08	cps
Zirconium	91-1	10062	9904	11071	10346	6.12	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-10	Instrumnet Name :	P8
Client Sample ID :	MH1PW1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:46:41	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2534028	2605832	2563185	2567681	1.41	cps
Antimony	121-1	70952	72904	73498	72451	1.84	cps
Arsenic	75-2	17843	17527	17326	17565	1.48	cps
Barium	135-1	2024988	2055243	2103837	2061356	1.93	cps
Barium	137-1	3447450	3442919	3480268	3456879	0.59	cps
Beryllium	9-1	10604	10412	10560	10525	0.96	cps
Bismuth	209-1	10112284	9606274	9741034	9819864	2.67	cps
Bismuth	209-2	4167342	4099377	4169550	4145423	0.96	cps
Boron	10-1	33197	35282	35781	34753	3.94	cps
Boron	11-1	146494	154202	159886	153527	4.38	cps
Bromine	81-1	92176	96002	91798	93325	2.49	cps
Cadmium	111-1	55646	56022	55782	55817	0.34	cps
Cadmium	106-1	13432	13424	13298	13385	0.56	cps
Cadmium	108-1	4172	4284	4322	4259	1.83	cps
Calcium	43-1	8098475	8543660	8464917	8369018	2.84	cps
Calcium	44-1	131116794	136269469	135620474	134335579	2.09	cps
Carbon	12-1	21737851	21402800	21473089	21537913	0.82	cps
Carbon	12-2	206398	207984	200948	205110	1.80	cps
Chlorine	35-1	118895828	129934332	142303920	130378027	8.98	cps
Chlorine	35-2	948011	969120	980122	965751	1.69	cps
Chromium	52-2	184154	178400	178958	180504	1.76	cps
Cobalt	59-2	137785	136138	136961	136961	0.60	cps
Copper	63-2	820853	817377	807257	815162	0.87	cps
Dysprosium	156-1	140659	144753	140620	142011	1.67	cps
Dysprosium	156-2	44611	45039	44982	44878	0.52	cps
Erbium	164-1	107166	108376	109418	108320	1.04	cps
Erbium	164-2	36834	36931	36320	36695	0.90	cps
Gadolinium	160-1	120940	123749	121261	121983	1.26	cps
Gadolinium	160-2	47250	46699	47739	47229	1.10	cps
Holmium	165-1	16515656	17003266	17104974	16874632	1.87	cps
Holmium	165-2	6009294	6056600	6220185	6095360	1.82	cps
Indium	115-1	15175617	15309252	15469448	15318106	0.96	cps
Indium	115-2	1995868	2037586	2028530	2020661	1.09	cps
Iron	54-2	12379379	12429819	12506976	12438725	0.52	cps
Iron	56-2	224972533	226859488	228123800	226651940	0.70	cps
Iron	57-2	5719792	5669710	5825450	5738317	1.39	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-10	Instrumnet Name :	P8
Client Sample ID :	MH1PW1	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13375	13147	13721	13414	2.16	cps
Lead	206-1	9329613	9030925	9380523	9247020	2.04	cps
Lead	207-1	8000838	7411728	7869942	7760836	3.99	cps
Lead	208-1	37747388	34993482	36179661	36306844	3.80	cps
Lithium	6-1	9689810	9568354	10003523	9753896	2.30	cps
Magnesium	24-2	3764583	3795158	3769603	3776448	0.43	cps
Manganese	55-2	2496836	2497854	2494624	2496438	0.07	cps
Molybdenum	94-1	47473	48561	49648	48560	2.24	cps
Molybdenum	95-1	47666	47473	48244	47794	0.84	cps
Molybdenum	96-1	68670	70647	69031	69450	1.52	cps
Molybdenum	97-1	30267	28446	29783	29499	3.20	cps
Molybdenum	98-1	73512	74710	76470	74897	1.99	cps
Neodymium	150-1	232516	225138	229962	229206	1.63	cps
Neodymium	150-2	60499	61815	63072	61795	2.08	cps
Nickel	60-2	97458	95247	96657	96454	1.16	cps
Phosphorus	31-2	38527	39296	38836	38886	0.99	cps
Potassium	39-2	1507911	1456784	1477274	1480657	1.74	cps
Rhodium	103-1	14441867	14196650	13965724	14201414	1.68	cps
Rhodium	103-2	5171274	5250544	5161630	5194483	0.94	cps
Scandium	45-1	12647941	12718634	12924551	12763709	1.13	cps
Scandium	45-2	314314	317277	327348	319647	2.14	cps
Selenium	82-1	1578	1593	1242	1471	13.46	cps
Selenium	77-2	393	287	417	366	18.96	cps
Selenium	78-2	425	416	422	421	1.09	cps
Silicon	28-1	10354001	10317322	10410212	10360512	0.45	cps
Silver	107-1	59831	61563	62434	61276	2.16	cps
Silver	109-1	56174	57413	58768	57452	2.26	cps
Sodium	23-2	517824	531597	519443	522954	1.44	cps
Strontium	86-1	2852451	2913557	2837060	2867689	1.41	cps
Strontium	88-1	24056826	24717488	24553551	24442622	1.41	cps
Sulfur	34-1	644200	635266	634019	637828	0.87	cps
Terbium	159-1	17870906	18295568	18373864	18180113	1.49	cps
Terbium	159-2	6138141	5939469	6082337	6053316	1.69	cps
Thallium	203-1	9912	10121	10480	10171	2.82	cps
Thallium	205-1	24515	24699	24674	24630	0.40	cps
Tin	118-1	237219	237609	237365	237398	0.08	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-10	Instrumnet Name :	P8
Client Sample ID :	MH1PW1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:46:41	DataFile Name :	058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1249574	1261775	1291921	1267757	1.72	cps
Uranium	238-1	202067	203627	205712	203802	0.90	cps
Vanadium	51-2	430736	430827	428476	430013	0.31	cps
Ytterbium	172-1	31956	30853	31129	31313	1.83	cps
Ytterbium	172-2	12906	13051	12578	12845	1.89	cps
Ytterbium	176-1	21635	20692	21769	21365	2.75	cps
Ytterbium	176-2	14697	14108	15532	14779	4.84	cps
Yttrium	89-1	27918216	28504176	27953629	28125340	1.17	cps
Yttrium	89-2	2546078	2586412	2620121	2584204	1.43	cps
Zinc	66-2	704193	696783	699988	700321	0.53	cps
Zirconium	90-1	55779	56373	56993	56382	1.08	cps
Zirconium	91-1	12398	12356	13924	12892	6.93	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-11	Instrumnet Name :	P8
Client Sample ID :	MH1PW2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:49:37	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2840569	2831316	2804566	2825483	0.66	cps
Antimony	121-1	60703	62452	63758	62304	2.46	cps
Arsenic	75-2	17912	17737	17526	17725	1.09	cps
Barium	135-1	2017429	1972555	1974280	1988088	1.28	cps
Barium	137-1	3303444	3400497	3397016	3366986	1.64	cps
Beryllium	9-1	10230	9931	10526	10229	2.91	cps
Bismuth	209-1	9633832	9517815	9531398	9561015	0.66	cps
Bismuth	209-2	4117591	4148045	4215241	4160292	1.20	cps
Boron	10-1	24863	26142	26038	25681	2.77	cps
Boron	11-1	113740	114410	115451	114534	0.75	cps
Bromine	81-1	94609	96402	94966	95326	1.00	cps
Cadmium	111-1	48208	49453	49356	49006	1.41	cps
Cadmium	106-1	12748	13090	12773	12870	1.48	cps
Cadmium	108-1	3417	3671	3409	3499	4.27	cps
Calcium	43-1	9502230	9691939	9614158	9602776	0.99	cps
Calcium	44-1	152933371	155940464	152166653	153680163	1.30	cps
Carbon	12-1	16684202	16875033	16841618	16800284	0.61	cps
Carbon	12-2	156277	157256	155342	156292	0.61	cps
Chlorine	35-1	120642815	132605615	145170687	132806372	9.24	cps
Chlorine	35-2	973866	990446	1018598	994303	2.27	cps
Chromium	52-2	196693	193226	192547	194155	1.15	cps
Cobalt	59-2	139566	139508	137931	139002	0.67	cps
Copper	63-2	684894	674815	688852	682854	1.06	cps
Dysprosium	156-1	147601	151541	149202	149448	1.33	cps
Dysprosium	156-2	47153	46738	46815	46902	0.47	cps
Erbium	164-1	119749	116325	120285	118786	1.81	cps
Erbium	164-2	40164	38907	38342	39138	2.38	cps
Gadolinium	160-1	126365	126746	127493	126868	0.45	cps
Gadolinium	160-2	50214	49575	49971	49920	0.65	cps
Holmium	165-1	16852541	16635560	17348997	16945699	2.16	cps
Holmium	165-2	6128012	6015058	6036004	6059691	0.99	cps
Indium	115-1	15205602	15618162	16033737	15619167	2.65	cps
Indium	115-2	2011032	1948097	1989356	1982828	1.61	cps
Iron	54-2	13535177	13693348	13572747	13600424	0.61	cps
Iron	56-2	243026311	246763300	243827994	244539202	0.80	cps
Iron	57-2	6154290	6483974	6108174	6248813	3.28	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-11	Instrumnet Name :	P8
Client Sample ID :	MH1PW2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:49:37	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14322	13891	14075	14096	1.53	cps
Lead	206-1	6482747	6386569	6276402	6381906	1.62	cps
Lead	207-1	5502519	5444675	5244382	5397192	2.51	cps
Lead	208-1	25300058	24816203	24416220	24844160	1.78	cps
Lithium	6-1	9336669	9784077	9576555	9565767	2.34	cps
Magnesium	24-2	3883519	3870340	3831531	3861797	0.70	cps
Manganese	55-2	2117792	2207646	2198792	2174743	2.28	cps
Molybdenum	94-1	50803	51731	52091	51542	1.29	cps
Molybdenum	95-1	47540	46939	47315	47265	0.64	cps
Molybdenum	96-1	71654	71135	73688	72159	1.87	cps
Molybdenum	97-1	29056	29682	30943	29894	3.22	cps
Molybdenum	98-1	72557	73747	75104	73803	1.73	cps
Neodymium	150-1	244432	248530	252862	248608	1.70	cps
Neodymium	150-2	63410	64183	64826	64140	1.11	cps
Nickel	60-2	187166	190430	181800	186465	2.34	cps
Phosphorus	31-2	30441	29372	29865	29892	1.79	cps
Potassium	39-2	1450241	1481108	1472489	1467946	1.08	cps
Rhodium	103-1	14054589	14171935	14393875	14206799	1.21	cps
Rhodium	103-2	5298344	5210095	5303332	5270590	1.00	cps
Scandium	45-1	12694831	12699111	12811193	12735045	0.52	cps
Scandium	45-2	322009	322042	322681	322244	0.12	cps
Selenium	82-1	1269	1240	789	1099	24.45	cps
Selenium	77-2	333	350	333	339	2.84	cps
Selenium	78-2	390	373	443	402	9.08	cps
Silicon	28-1	20156266	20540896	20146669	20281277	1.11	cps
Silver	107-1	49398	47625	47265	48096	2.37	cps
Silver	109-1	44983	44088	45050	44707	1.20	cps
Sodium	23-2	455451	471245	469338	465345	1.85	cps
Strontium	86-1	2414010	2490491	2501989	2468830	1.94	cps
Strontium	88-1	20108974	21059546	21531521	20900014	3.47	cps
Sulfur	34-1	625168	608386	609575	614376	1.52	cps
Terbium	159-1	17624722	17599844	18114189	17779585	1.63	cps
Terbium	159-2	5877077	6141627	6172777	6063827	2.68	cps
Thallium	203-1	9846	9512	10505	9954	5.07	cps
Thallium	205-1	24190	24774	23990	24318	1.68	cps
Tin	118-1	157031	159368	156726	157709	0.92	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-11	Instrumnet Name :	P8
Client Sample ID :	MH1PW2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:49:37	DataFile Name :	059AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1514173	1482252	1537729	1511385	1.84	cps
Uranium	238-1	199495	199418	201289	200067	0.53	cps
Vanadium	51-2	498798	501421	499898	500039	0.26	cps
Ytterbium	172-1	32858	35014	33360	33744	3.34	cps
Ytterbium	172-2	13357	13318	13474	13383	0.61	cps
Ytterbium	176-1	21911	23146	23538	22865	3.72	cps
Ytterbium	176-2	15376	15359	15938	15558	2.12	cps
Yttrium	89-1	28295560	28147702	28737708	28393657	1.08	cps
Yttrium	89-2	2520409	2595634	2649951	2588665	2.51	cps
Zinc	66-2	422694	420928	420795	421472	0.25	cps
Zirconium	90-1	66083	64299	65572	65318	1.41	cps
Zirconium	91-1	14316	14808	14683	14602	1.75	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-12	Instrumnet Name :	P8
Client Sample ID :	MH1PW3	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3008155	2993792	3120749	3040899	2.29	cps
Antimony	121-1	48295	48537	48756	48529	0.48	cps
Arsenic	75-2	17397	17340	17093	17277	0.94	cps
Barium	135-1	2185122	2206502	2216198	2202607	0.72	cps
Barium	137-1	3754357	3803426	3736968	3764917	0.92	cps
Beryllium	9-1	9937	9791	9703	9811	1.21	cps
Bismuth	209-1	9797674	9459807	9258966	9505482	2.86	cps
Bismuth	209-2	4074383	4039691	4085165	4066413	0.58	cps
Boron	10-1	17593	18450	18991	18345	3.84	cps
Boron	11-1	78813	79447	82117	80126	2.19	cps
Bromine	81-1	102813	100676	102794	102094	1.20	cps
Cadmium	111-1	18583	17874	18635	18364	2.31	cps
Cadmium	106-1	9921	9812	9912	9882	0.61	cps
Cadmium	108-1	1238	1325	1275	1279	3.43	cps
Calcium	43-1	13046352	13438743	13412570	13299222	1.65	cps
Calcium	44-1	207575002	218481029	221792039	215949357	3.44	cps
Carbon	12-1	13486227	13375650	13441733	13434537	0.41	cps
Carbon	12-2	129612	125787	129469	128289	1.69	cps
Chlorine	35-1	135978891	146379257	154589641	145649263	6.40	cps
Chlorine	35-2	1063134	1097767	1156403	1105768	4.26	cps
Chromium	52-2	177156	180901	178880	178979	1.05	cps
Cobalt	59-2	143694	142918	139261	141958	1.67	cps
Copper	63-2	408054	405224	403847	405708	0.53	cps
Dysprosium	156-1	152367	149944	155427	152579	1.80	cps
Dysprosium	156-2	48966	50449	49435	49617	1.53	cps
Erbium	164-1	125046	121211	119794	122017	2.23	cps
Erbium	164-2	41956	41511	41679	41715	0.54	cps
Gadolinium	160-1	130739	128762	129129	129544	0.81	cps
Gadolinium	160-2	51238	53106	52610	52318	1.85	cps
Holmium	165-1	17565581	17237341	16648493	17150471	2.71	cps
Holmium	165-2	6223787	6011567	6152616	6129323	1.76	cps
Indium	115-1	14855585	16233708	15201312	15430201	4.65	cps
Indium	115-2	2048006	2052196	2037547	2045917	0.37	cps
Iron	54-2	12668797	12241522	11753641	12221320	3.75	cps
Iron	56-2	225839199	219699422	221877166	222471929	1.40	cps
Iron	57-2	5569319	5790550	5508461	5622777	2.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-12	Instrumnet Name :	P8
Client Sample ID :	MH1PW3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:52:30	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13768	13741	14290	13933	2.22	cps
Lead	206-1	1298291	1262788	1292774	1284617	1.49	cps
Lead	207-1	1102083	1082697	1096670	1093817	0.91	cps
Lead	208-1	5297841	5101709	5139192	5179580	2.01	cps
Lithium	6-1	9427847	9680493	9524962	9544434	1.34	cps
Magnesium	24-2	4011994	4069630	4029328	4036984	0.73	cps
Manganese	55-2	1601573	1545028	1525711	1557437	2.53	cps
Molybdenum	94-1	50417	51178	51680	51092	1.24	cps
Molybdenum	95-1	45977	47565	48335	47293	2.54	cps
Molybdenum	96-1	70564	71779	68118	70154	2.66	cps
Molybdenum	97-1	29198	29791	28697	29229	1.87	cps
Molybdenum	98-1	76042	75724	74182	75316	1.32	cps
Neodymium	150-1	254855	258472	249058	254128	1.87	cps
Neodymium	150-2	68002	67379	65882	67087	1.62	cps
Nickel	60-2	143366	145646	143383	144132	0.91	cps
Phosphorus	31-2	21350	21767	21341	21486	1.13	cps
Potassium	39-2	1438456	1440678	1417208	1432114	0.90	cps
Rhodium	103-1	14301039	14445649	13765333	14170674	2.53	cps
Rhodium	103-2	5331092	5356453	5409749	5365765	0.75	cps
Scandium	45-1	12822673	13247784	12456831	12842429	3.08	cps
Scandium	45-2	322801	321011	324743	322852	0.58	cps
Selenium	82-1	927	1229	1114	1090	13.96	cps
Selenium	77-2	367	327	387	360	8.49	cps
Selenium	78-2	385	413	400	399	3.51	cps
Silicon	28-1	13668856	12929102	13909369	13502442	3.78	cps
Silver	107-1	11639	11997	11605	11747	1.85	cps
Silver	109-1	12231	11330	11438	11666	4.22	cps
Sodium	23-2	382050	372103	383334	379162	1.62	cps
Strontium	86-1	2669492	2701010	2687451	2685984	0.59	cps
Strontium	88-1	22376565	22918716	22613620	22636301	1.20	cps
Sulfur	34-1	653236	646504	653267	651002	0.60	cps
Terbium	159-1	17755801	17453515	17522708	17577341	0.90	cps
Terbium	159-2	5960437	6094053	6168525	6074338	1.74	cps
Thallium	203-1	9929	8595	9437	9320	7.24	cps
Thallium	205-1	21769	22320	22103	22064	1.26	cps
Tin	118-1	37444	38998	36308	37583	3.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-12	Instrumnet Name :	P8
Client Sample ID :	MH1PW3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:52:30	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1317226	1314625	1290772	1307541	1.12	cps
Uranium	238-1	212532	213065	219820	215139	1.89	cps
Vanadium	51-2	530525	540110	535950	535528	0.90	cps
Ytterbium	172-1	35189	33360	33001	33850	3.47	cps
Ytterbium	172-2	13813	13952	14547	14104	2.77	cps
Ytterbium	176-1	24499	22987	23471	23652	3.26	cps
Ytterbium	176-2	15748	16249	15765	15921	1.79	cps
Yttrium	89-1	27908201	28759336	28308605	28325381	1.50	cps
Yttrium	89-2	2590391	2626097	2691417	2635968	1.94	cps
Zinc	66-2	140594	141053	139853	140500	0.43	cps
Zirconium	90-1	63445	65539	66133	65039	2.17	cps
Zirconium	91-1	14241	14733	15033	14669	2.73	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-13	Instrumnet Name :	P8
Client Sample ID :	MH1PW4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:55:25	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2219552	2209156	2095500	2174736	3.16	cps
Antimony	121-1	63758	63565	63942	63755	0.30	cps
Arsenic	75-2	13445	13148	12789	13127	2.50	cps
Barium	135-1	2066907	2156856	2204696	2142820	3.26	cps
Barium	137-1	3590390	3617400	3685240	3631010	1.35	cps
Beryllium	9-1	9203	9501	9903	9536	3.69	cps
Bismuth	209-1	10029669	10226893	9814912	10023825	2.06	cps
Bismuth	209-2	4235563	4213467	4264539	4237856	0.60	cps
Boron	10-1	38937	41118	40335	40130	2.75	cps
Boron	11-1	169083	176560	185940	177194	4.77	cps
Bromine	81-1	94513	96566	90307	93795	3.40	cps
Cadmium	111-1	34713	35628	36268	35536	2.20	cps
Cadmium	106-1	11747	11855	11889	11830	0.63	cps
Cadmium	108-1	3096	2900	2980	2992	3.29	cps
Calcium	43-1	8266354	8328589	8089467	8228137	1.51	cps
Calcium	44-1	134648757	134729066	132246536	133874786	1.05	cps
Carbon	12-1	27555162	28688771	28233105	28159013	2.03	cps
Carbon	12-2	260800	258749	259158	259569	0.42	cps
Chlorine	35-1	130178657	138785982	152388841	140451160	7.97	cps
Chlorine	35-2	989918	1024577	1032315	1015603	2.22	cps
Chromium	52-2	196531	201371	198150	198684	1.24	cps
Cobalt	59-2	122887	121050	121031	121656	0.88	cps
Copper	63-2	758211	757018	738585	751271	1.46	cps
Dysprosium	156-1	126427	125531	128478	126812	1.19	cps
Dysprosium	156-2	40127	40725	39876	40243	1.08	cps
Erbium	164-1	98171	102143	102042	100785	2.25	cps
Erbium	164-2	34134	33783	34124	34014	0.59	cps
Gadolinium	160-1	109486	111668	109231	110128	1.22	cps
Gadolinium	160-2	42782	43728	41922	42811	2.11	cps
Holmium	165-1	16546459	16863954	16729580	16713331	0.95	cps
Holmium	165-2	6200568	6161648	6000354	6120857	1.73	cps
Indium	115-1	15512206	16093224	15432751	15679394	2.30	cps
Indium	115-2	2071945	1992511	2038998	2034484	1.96	cps
Iron	54-2	11591692	11615896	11628158	11611915	0.16	cps
Iron	56-2	210093449	208248710	203734010	207358723	1.58	cps
Iron	57-2	5280304	5236318	5185456	5234026	0.91	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-13	Instrumnet Name :	P8
Client Sample ID :	MH1PW4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:55:25	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14158	14448	14227	14278	1.06	cps
Lead	206-1	8215897	8081367	8410955	8236073	2.01	cps
Lead	207-1	6887240	7117733	7110384	7038452	1.86	cps
Lead	208-1	32117552	33056107	32799688	32657782	1.49	cps
Lithium	6-1	9337692	9607991	9664572	9536752	1.83	cps
Magnesium	24-2	3951497	3957772	3717226	3875499	3.54	cps
Manganese	55-2	2566651	2552700	2534753	2551368	0.63	cps
Molybdenum	94-1	47232	49598	49046	48625	2.55	cps
Molybdenum	95-1	42767	44715	43427	43636	2.27	cps
Molybdenum	96-1	64861	66361	65547	65590	1.14	cps
Molybdenum	97-1	26351	26676	27912	26980	3.05	cps
Molybdenum	98-1	65664	68302	69475	67814	2.88	cps
Neodymium	150-1	205223	210995	215385	210534	2.42	cps
Neodymium	150-2	55461	56007	54247	55238	1.63	cps
Nickel	60-2	79521	78197	77584	78434	1.26	cps
Phosphorus	31-2	52497	52688	52320	52502	0.35	cps
Potassium	39-2	2352424	2333025	2348351	2344600	0.44	cps
Rhodium	103-1	14348415	14308090	14503398	14386635	0.72	cps
Rhodium	103-2	5487497	5336815	5198351	5340888	2.71	cps
Scandium	45-1	12914769	13114862	12944228	12991286	0.83	cps
Scandium	45-2	325067	324208	325687	324987	0.23	cps
Selenium	82-1	1259	1423	1346	1342	6.11	cps
Selenium	77-2	337	323	267	309	12.03	cps
Selenium	78-2	376	353	399	376	6.12	cps
Silicon	28-1	8765617	9331554	9379287	9158819	3.73	cps
Silver	107-1	40795	42867	42207	41956	2.52	cps
Silver	109-1	40602	41472	43026	41700	2.95	cps
Sodium	23-2	339690	337696	328583	335323	1.77	cps
Strontium	86-1	3268893	3181682	3171770	3207448	1.67	cps
Strontium	88-1	27138301	27225782	27944131	27436071	1.61	cps
Sulfur	34-1	689796	689831	684546	688058	0.44	cps
Terbium	159-1	17819681	17860099	17270195	17649992	1.87	cps
Terbium	159-2	6376522	6144711	6192595	6237943	1.96	cps
Thallium	203-1	7319	7736	7144	7400	4.11	cps
Thallium	205-1	18313	18388	17813	18172	1.72	cps
Tin	118-1	248372	254848	252616	251945	1.31	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-13	Instrumnet Name :	P8
Client Sample ID :	MH1PW4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:55:25	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1009964	1047769	1075935	1044556	3.17	cps
Uranium	238-1	247778	250503	252090	250124	0.87	cps
Vanadium	51-2	404375	397369	389748	397164	1.84	cps
Ytterbium	172-1	28490	28557	29943	28997	2.83	cps
Ytterbium	172-2	11466	11833	10944	11414	3.92	cps
Ytterbium	176-1	21134	20851	21209	21065	0.90	cps
Ytterbium	176-2	13824	14697	14464	14328	3.16	cps
Yttrium	89-1	28177669	28614945	28152025	28314880	0.92	cps
Yttrium	89-2	2612614	2555633	2575792	2581346	1.12	cps
Zinc	66-2	819567	815205	816935	817236	0.27	cps
Zirconium	90-1	60887	61611	61545	61348	0.65	cps
Zirconium	91-1	13265	13524	13382	13390	0.97	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2309-14 Instrumnet Name : P8
 Client Sample ID : MH1PW5 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 15:58:18 DataFile Name : 062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2163336	2215531	2155778	2178215	1.49	cps
Antimony	121-1	62293	64620	63247	63387	1.85	cps
Arsenic	75-2	13056	12934	12823	12938	0.90	cps
Barium	135-1	2140613	2118045	2095537	2118065	1.06	cps
Barium	137-1	3500106	3637518	3641821	3593148	2.24	cps
Beryllium	9-1	9993	10182	10404	10193	2.01	cps
Bismuth	209-1	9407759	9621597	9708942	9579433	1.62	cps
Bismuth	209-2	4238520	4216995	4104581	4186699	1.72	cps
Boron	10-1	37092	38257	39889	38413	3.66	cps
Boron	11-1	169980	173791	174042	172604	1.32	cps
Bromine	81-1	91205	95885	92450	93180	2.60	cps
Cadmium	111-1	31941	33779	33570	33097	3.04	cps
Cadmium	106-1	10896	10930	11488	11105	3.00	cps
Cadmium	108-1	2846	2925	3009	2927	2.78	cps
Calcium	43-1	8063950	8187722	8145878	8132517	0.77	cps
Calcium	44-1	127102602	138586088	133674081	133120924	4.33	cps
Carbon	12-1	26732835	26533691	26742084	26669537	0.44	cps
Carbon	12-2	256557	252859	253728	254381	0.76	cps
Chlorine	35-1	118286403	128579565	138980541	128615503	8.04	cps
Chlorine	35-2	935936	929453	955310	940233	1.43	cps
Chromium	52-2	175121	173821	172278	173740	0.82	cps
Cobalt	59-2	125243	126323	124029	125198	0.92	cps
Copper	63-2	719594	714570	718791	717652	0.38	cps
Dysprosium	156-1	130512	131398	130848	130919	0.34	cps
Dysprosium	156-2	41876	42321	41304	41833	1.22	cps
Erbium	164-1	106493	104790	104041	105108	1.20	cps
Erbium	164-2	35247	35905	34257	35137	2.36	cps
Gadolinium	160-1	110929	110769	113753	111817	1.50	cps
Gadolinium	160-2	44611	44585	43260	44152	1.75	cps
Holmium	165-1	16252767	17083938	17420715	16919140	3.55	cps
Holmium	165-2	6199090	6317678	5982234	6166334	2.76	cps
Indium	115-1	15036964	15191749	16349670	15526128	4.62	cps
Indium	115-2	2064805	2013086	2064113	2047335	1.45	cps
Iron	54-2	10896530	10753934	10660801	10770422	1.10	cps
Iron	56-2	189232676	193649438	195275215	192719110	1.62	cps
Iron	57-2	4879975	4898734	4902879	4893862	0.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-14	Instrumnet Name :	P8
Client Sample ID :	MH1PW5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:58:18	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13850	13597	13615	13687	1.03	cps
Lead	206-1	7791422	7663967	7561092	7672160	1.50	cps
Lead	207-1	6480151	6566288	6324361	6456933	1.90	cps
Lead	208-1	29899035	30067316	29687485	29884612	0.64	cps
Lithium	6-1	8912570	9143869	9227848	9094762	1.80	cps
Magnesium	24-2	3639308	3642872	3552302	3611494	1.42	cps
Manganese	55-2	2367792	2441651	2393559	2401001	1.56	cps
Molybdenum	94-1	44740	42115	42667	43174	3.21	cps
Molybdenum	95-1	43904	43586	43987	43826	0.48	cps
Molybdenum	96-1	63555	62250	64385	63396	1.70	cps
Molybdenum	97-1	27119	27302	25900	26774	2.85	cps
Molybdenum	98-1	68043	69667	69575	69095	1.32	cps
Neodymium	150-1	212741	221083	220834	218220	2.17	cps
Neodymium	150-2	59197	57604	57731	58177	1.52	cps
Nickel	60-2	84098	82921	85147	84055	1.33	cps
Phosphorus	31-2	46108	45965	46425	46166	0.51	cps
Potassium	39-2	1894197	1898042	1916041	1902760	0.61	cps
Rhodium	103-1	13827754	14280842	14136847	14081815	1.64	cps
Rhodium	103-2	5380205	5303332	5254202	5312580	1.20	cps
Scandium	45-1	12086918	12959961	12738760	12595213	3.60	cps
Scandium	45-2	328266	323292	316404	322654	1.85	cps
Selenium	82-1	1048	1370	1217	1212	13.27	cps
Selenium	77-2	337	330	263	310	13.08	cps
Selenium	78-2	395	388	370	384	3.36	cps
Silicon	28-1	11044683	11254979	11046681	11115447	1.09	cps
Silver	107-1	41054	40820	39341	40405	2.30	cps
Silver	109-1	38346	37861	39600	38602	2.32	cps
Sodium	23-2	350446	349835	349453	349911	0.14	cps
Strontium	86-1	3122195	3120592	3177184	3139991	1.03	cps
Strontium	88-1	26706033	26525364	27579772	26937057	2.09	cps
Sulfur	34-1	678893	682693	677563	679716	0.39	cps
Terbium	159-1	16604661	17550323	18146156	17433714	4.46	cps
Terbium	159-2	6116882	6041077	6026004	6061321	0.80	cps
Thallium	203-1	7311	7219	7160	7230	1.05	cps
Thallium	205-1	16503	17629	17295	17142	3.38	cps
Tin	118-1	238678	242285	244409	241790	1.20	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-14	Instrumnet Name :	P8
Client Sample ID :	MH1PW5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 15:58:18	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	894576	872193	917236	894668	2.52	cps
Uranium	238-1	183591	187811	184881	185428	1.17	cps
Vanadium	51-2	377508	380988	374493	377663	0.86	cps
Ytterbium	172-1	29291	30486	30594	30124	2.40	cps
Ytterbium	172-2	12078	11717	12834	12210	4.67	cps
Ytterbium	176-1	20683	20383	20091	20386	1.45	cps
Ytterbium	176-2	15087	14775	16032	15298	4.28	cps
Yttrium	89-1	26911658	27555297	28709864	27725606	3.29	cps
Yttrium	89-2	2609001	2621653	2578888	2603181	0.84	cps
Zinc	66-2	693182	694532	691183	692966	0.24	cps
Zirconium	90-1	46613	46897	47281	46930	0.71	cps
Zirconium	91-1	10054	10563	10446	10354	2.57	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-15	Instrumnet Name :	P8
Client Sample ID :	MH1PW6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:01:14	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2387462	2342314	2390945	2373574	1.14	cps
Antimony	121-1	68749	70892	72133	70591	2.43	cps
Arsenic	75-2	18075	18013	18200	18096	0.52	cps
Barium	135-1	2275305	2400269	2408765	2361446	3.16	cps
Barium	137-1	4022130	4097982	4028463	4049525	1.04	cps
Beryllium	9-1	10594	10222	10388	10401	1.79	cps
Bismuth	209-1	9482263	9445597	9571719	9499860	0.68	cps
Bismuth	209-2	4867747	4215379	3781787	4288304	12.75	cps
Boron	10-1	29697	30528	31961	30728	3.73	cps
Boron	11-1	132064	137526	142828	137472	3.92	cps
Bromine	81-1	93039	91517	89430	91329	1.98	cps
Cadmium	111-1	38667	38921	37430	38340	2.08	cps
Cadmium	106-1	11747	11855	11989	11864	1.02	cps
Cadmium	108-1	2813	2905	2859	2859	1.60	cps
Calcium	43-1	7206904	7056427	7043620	7102317	1.28	cps
Calcium	44-1	114287808	114843436	113890243	114340496	0.42	cps
Carbon	12-1	18515920	18419797	18806867	18580862	1.08	cps
Carbon	12-2	174287	176065	172437	174263	1.04	cps
Chlorine	35-1	122568582	135966491	149635483	136056852	9.95	cps
Chlorine	35-2	982076	994656	1015041	997258	1.67	cps
Chromium	52-2	191280	190939	197352	193190	1.87	cps
Cobalt	59-2	135335	132289	135664	134430	1.38	cps
Copper	63-2	745651	748819	767457	753976	1.56	cps
Dysprosium	156-1	136562	135463	139772	137266	1.63	cps
Dysprosium	156-2	42100	41979	43885	42655	2.50	cps
Erbium	164-1	109233	107568	109282	108695	0.90	cps
Erbium	164-2	35274	35801	35912	35662	0.96	cps
Gadolinium	160-1	118082	113851	117007	116313	1.89	cps
Gadolinium	160-2	45133	44906	45110	45049	0.28	cps
Holmium	165-1	16711384	16840675	16916354	16822804	0.62	cps
Holmium	165-2	7240704	6080078	5551106	6290629	13.74	cps
Indium	115-1	14194141	14770422	15491165	14818576	4.39	cps
Indium	115-2	2431192	2095706	1812959	2113286	14.65	cps
Iron	54-2	13810188	13658964	13711052	13726735	0.56	cps
Iron	56-2	250002844	246429167	250762061	249064691	0.93	cps
Iron	57-2	6023583	6110628	6382575	6172262	3.03	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-15	Instrumnet Name :	P8
Client Sample ID :	MH1PW6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:01:14	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13456	13569	13956	13660	1.92	cps
Lead	206-1	10115648	9493055	9807700	9805468	3.17	cps
Lead	207-1	8344857	8131950	8368297	8281701	1.57	cps
Lead	208-1	39602692	37664647	38913026	38726788	2.54	cps
Lithium	6-1	8602404	9296031	9589055	9162496	5.53	cps
Magnesium	24-2	3252513	3282160	3316337	3283670	0.97	cps
Manganese	55-2	2402359	2402533	2425457	2410116	0.55	cps
Molybdenum	94-1	50292	50368	51237	50632	1.04	cps
Molybdenum	95-1	39540	41179	40877	40532	2.15	cps
Molybdenum	96-1	64996	65037	67893	65975	2.52	cps
Molybdenum	97-1	25015	25357	25232	25201	0.69	cps
Molybdenum	98-1	62943	64350	63739	63678	1.11	cps
Neodymium	150-1	220844	224246	222082	222391	0.77	cps
Neodymium	150-2	57225	57507	58043	57592	0.72	cps
Nickel	60-2	89537	89215	90309	89687	0.63	cps
Phosphorus	31-2	30792	30717	31777	31095	1.90	cps
Potassium	39-2	1428237	1439521	1467101	1444953	1.38	cps
Rhodium	103-1	13303037	13970294	14597621	13956984	4.64	cps
Rhodium	103-2	6428150	5464148	4691977	5528092	15.74	cps
Scandium	45-1	12053866	12552800	12501924	12369530	2.22	cps
Scandium	45-2	370839	324358	293293	329497	11.84	cps
Selenium	82-1	997	1317	1254	1189	14.25	cps
Selenium	77-2	397	270	320	329	19.40	cps
Selenium	78-2	403	347	369	373	7.56	cps
Silicon	28-1	19570226	19523392	19798426	19630682	0.75	cps
Silver	107-1	51983	53313	53857	53051	1.82	cps
Silver	109-1	50578	51296	52987	51620	2.40	cps
Sodium	23-2	397100	399534	399483	398706	0.35	cps
Strontium	86-1	2544613	2542160	2513635	2533469	0.68	cps
Strontium	88-1	20904697	21527412	21460999	21297703	1.61	cps
Sulfur	34-1	601641	622280	608801	610907	1.72	cps
Terbium	159-1	16430716	16890212	18124633	17148521	5.11	cps
Terbium	159-2	7293604	6148908	5321263	6254591	15.83	cps
Thallium	203-1	7336	7719	7978	7677	4.21	cps
Thallium	205-1	18773	17654	18172	18199	3.08	cps
Tin	118-1	324477	325640	342067	330728	2.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-15	Instrumnet Name :	P8
Client Sample ID :	MH1PW6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:01:14	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1395282	1427308	1378773	1400454	1.76	cps
Uranium	238-1	161063	157611	158832	159169	1.10	cps
Vanadium	51-2	500826	491306	501612	497915	1.15	cps
Ytterbium	172-1	32056	32131	31664	31951	0.79	cps
Ytterbium	172-2	12573	12601	12779	12651	0.88	cps
Ytterbium	176-1	21026	21718	20733	21159	2.39	cps
Ytterbium	176-2	15932	15743	14364	15346	5.58	cps
Yttrium	89-1	26805035	27064552	27491450	27120346	1.28	cps
Yttrium	89-2	3038927	2679815	2371724	2696822	12.38	cps
Zinc	66-2	540688	548568	545341	544866	0.73	cps
Zirconium	90-1	71793	71861	72934	72196	0.89	cps
Zirconium	91-1	15851	15801	16368	16007	1.96	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-16	Instrumnet Name :	P8
Client Sample ID :	MH1PW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:04:08	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2221973	2265682	2183496	2223717	1.85	cps
Antimony	121-1	77261	76473	77026	76920	0.53	cps
Arsenic	75-2	18130	18360	18379	18290	0.76	cps
Barium	135-1	1637969	1715065	1687996	1680343	2.33	cps
Barium	137-1	2879838	2820885	2924761	2875161	1.81	cps
Beryllium	9-1	8827	9393	8891	9037	3.43	cps
Bismuth	209-1	9546506	9387511	9726884	9553634	1.78	cps
Bismuth	209-2	4099318	4144497	4173039	4138951	0.90	cps
Boron	10-1	22815	23010	22821	22882	0.48	cps
Boron	11-1	98419	104005	103850	102091	3.12	cps
Bromine	81-1	86773	84937	86338	86016	1.11	cps
Cadmium	111-1	36258	36922	37378	36852	1.53	cps
Cadmium	106-1	11430	11130	11263	11274	1.33	cps
Cadmium	108-1	2792	2629	2738	2720	3.04	cps
Calcium	43-1	5970720	5690536	5789532	5816929	2.44	cps
Calcium	44-1	95817804	91876026	94048447	93914092	2.10	cps
Carbon	12-1	13961294	13986396	13921753	13956481	0.23	cps
Carbon	12-2	127991	129847	132605	130148	1.78	cps
Chlorine	35-1	121909886	135244516	146415620	134523341	9.12	cps
Chlorine	35-2	992714	1010345	1023284	1008781	1.52	cps
Chromium	52-2	180309	180447	182315	181024	0.62	cps
Cobalt	59-2	128976	127786	127612	128125	0.58	cps
Copper	63-2	575634	567944	562562	568713	1.16	cps
Dysprosium	156-1	132231	130933	132784	131983	0.72	cps
Dysprosium	156-2	42749	43086	42397	42744	0.81	cps
Erbium	164-1	101337	101171	101614	101374	0.22	cps
Erbium	164-2	34863	36193	35504	35520	1.87	cps
Gadolinium	160-1	112450	112213	110044	111569	1.19	cps
Gadolinium	160-2	44735	44943	44501	44726	0.49	cps
Holmium	165-1	16168387	16481126	16685753	16445089	1.58	cps
Holmium	165-2	6212667	6160595	6000225	6124496	1.81	cps
Indium	115-1	14913534	15665374	15510381	15363097	2.58	cps
Indium	115-2	2036125	2092761	2032100	2053662	1.65	cps
Iron	54-2	12414596	12288776	12403646	12369006	0.56	cps
Iron	56-2	224646644	221791783	220523716	222320714	0.95	cps
Iron	57-2	5668248	5654593	5661843	5661561	0.12	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-16	Instrumnet Name :	P8
Client Sample ID :	MH1PW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:04:08	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	16377	16420	16393	16397	0.13	cps
Lead	206-1	8855599	8628846	9004357	8829600	2.14	cps
Lead	207-1	7481066	7347635	7494859	7441187	1.09	cps
Lead	208-1	34899930	34387810	35122697	34803479	1.08	cps
Lithium	6-1	8739959	8848008	8885141	8824369	0.85	cps
Magnesium	24-2	3104094	3183644	3095634	3127791	1.55	cps
Manganese	55-2	1832321	1879676	1821358	1844452	1.68	cps
Molybdenum	94-1	48293	48812	48201	48435	0.68	cps
Molybdenum	95-1	42064	42349	42248	42220	0.34	cps
Molybdenum	96-1	64476	64308	66795	65193	2.13	cps
Molybdenum	97-1	26150	25474	25716	25780	1.33	cps
Molybdenum	98-1	65974	65581	63580	65045	1.97	cps
Neodymium	150-1	214256	212294	215907	214152	0.84	cps
Neodymium	150-2	57895	58494	56991	57793	1.31	cps
Nickel	60-2	127947	130218	131873	130013	1.52	cps
Phosphorus	31-2	22443	22385	21959	22262	1.19	cps
Potassium	39-2	1491276	1491819	1506894	1496663	0.59	cps
Rhodium	103-1	13529854	13638574	14043139	13737189	1.97	cps
Rhodium	103-2	5190159	5558488	5299132	5349260	3.54	cps
Scandium	45-1	12371794	12112096	12337872	12273921	1.15	cps
Scandium	45-2	310754	319006	322727	317496	1.93	cps
Selenium	82-1	992	559	219	590	65.67	cps
Selenium	77-2	267	297	317	293	8.58	cps
Selenium	78-2	363	368	360	364	1.11	cps
Silicon	28-1	12712027	12000095	11645182	12119101	4.48	cps
Silver	107-1	47049	47868	50669	48529	3.91	cps
Silver	109-1	43938	44197	45853	44663	2.33	cps
Sodium	23-2	374607	385211	382028	380615	1.43	cps
Strontium	86-1	1697864	1680488	1707349	1695234	0.80	cps
Strontium	88-1	14213468	14196228	14469522	14293073	1.07	cps
Sulfur	34-1	569106	586292	570244	575214	1.67	cps
Terbium	159-1	16994527	17003159	17162235	17053307	0.55	cps
Terbium	159-2	6063943	5996605	6216793	6092447	1.85	cps
Thallium	203-1	7694	7494	7236	7475	3.08	cps
Thallium	205-1	18305	17279	17654	17746	2.93	cps
Tin	118-1	267199	266164	266503	266622	0.20	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-16	Instrumnet Name :	P8
Client Sample ID :	MH1PW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:04:08	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1329126	1290001	1282199	1300442	1.93	cps
Uranium	238-1	147745	146204	143107	145685	1.62	cps
Vanadium	51-2	459720	455034	452388	455714	0.81	cps
Ytterbium	172-1	30093	29985	29551	29876	0.96	cps
Ytterbium	172-2	12339	12384	11766	12163	2.83	cps
Ytterbium	176-1	20583	20266	20441	20430	0.78	cps
Ytterbium	176-2	14319	15265	15598	15061	4.41	cps
Yttrium	89-1	26477147	27016132	26777964	26757081	1.01	cps
Yttrium	89-2	2569233	2599679	2596983	2588632	0.65	cps
Zinc	66-2	354042	361741	361249	359011	1.20	cps
Zirconium	90-1	68025	66158	66090	66758	1.64	cps
Zirconium	91-1	14708	15100	15284	15031	1.96	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-17	Instrumnet Name :	P8
Client Sample ID :	MH1PW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:07:03	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2400373	2412235	2356354	2389654	1.23	cps
Antimony	121-1	68246	65717	68196	67386	2.15	cps
Arsenic	75-2	13266	13464	13113	13281	1.32	cps
Barium	135-1	2035883	2012436	2076216	2041512	1.58	cps
Barium	137-1	3610805	3446750	3469405	3508987	2.53	cps
Beryllium	9-1	10009	9711	9903	9875	1.53	cps
Bismuth	209-1	9671240	9356924	9990853	9673006	3.28	cps
Bismuth	209-2	3963664	4136967	4179977	4093536	2.80	cps
Boron	10-1	33885	33758	34486	34043	1.14	cps
Boron	11-1	146784	153112	156684	152193	3.29	cps
Bromine	81-1	88165	93269	90368	90601	2.83	cps
Cadmium	111-1	39481	39706	39426	39538	0.37	cps
Cadmium	106-1	12131	11872	12072	12025	1.13	cps
Cadmium	108-1	3109	2988	3367	3155	6.14	cps
Calcium	43-1	7008606	6784624	7011609	6934946	1.88	cps
Calcium	44-1	113788996	112004568	115351886	113715150	1.47	cps
Carbon	12-1	25335650	25371393	24974293	25227112	0.87	cps
Carbon	12-2	235589	236200	232145	234645	0.93	cps
Chlorine	35-1	114237636	123999678	130572590	122936635	6.69	cps
Chlorine	35-2	892112	889019	927490	902874	2.37	cps
Chromium	52-2	222567	223033	220485	222028	0.61	cps
Cobalt	59-2	134857	129934	131378	132056	1.92	cps
Copper	63-2	776552	762678	756893	765374	1.32	cps
Dysprosium	156-1	132273	133541	133432	133082	0.53	cps
Dysprosium	156-2	42732	41953	43140	42608	1.42	cps
Erbium	164-1	101221	101749	102992	101987	0.89	cps
Erbium	164-2	35193	34679	34304	34725	1.29	cps
Gadolinium	160-1	114254	114130	116821	115068	1.32	cps
Gadolinium	160-2	44942	45494	45257	45231	0.61	cps
Holmium	165-1	17014300	16754433	16944156	16904296	0.80	cps
Holmium	165-2	6052574	5887290	6157566	6032477	2.26	cps
Indium	115-1	15692293	15357591	14503064	15184316	4.04	cps
Indium	115-2	2010840	2037479	2059983	2036101	1.21	cps
Iron	54-2	12506063	12417301	12268719	12397361	0.97	cps
Iron	56-2	231484216	225805016	229620666	228969966	1.26	cps
Iron	57-2	5785105	5870964	5504966	5720345	3.35	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-17	Instrumnet Name :	P8
Client Sample ID :	MH1PW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:07:03	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14250	13769	13895	13971	1.79	cps
Lead	206-1	9067409	9355406	9600759	9341191	2.86	cps
Lead	207-1	7747239	7637485	8169183	7851302	3.58	cps
Lead	208-1	36590157	35963214	37948332	36833901	2.75	cps
Lithium	6-1	10132439	9864320	9465094	9820618	3.42	cps
Magnesium	24-2	3714854	3680238	3605796	3666962	1.52	cps
Manganese	55-2	2700340	2601455	2611756	2637850	2.06	cps
Molybdenum	94-1	44849	42315	44372	43845	3.07	cps
Molybdenum	95-1	46253	46253	46913	46473	0.82	cps
Molybdenum	96-1	67533	67265	67172	67323	0.28	cps
Molybdenum	97-1	28705	29081	28706	28831	0.75	cps
Molybdenum	98-1	73454	73463	72549	73155	0.72	cps
Neodymium	150-1	222352	222086	217233	220557	1.31	cps
Neodymium	150-2	58354	57754	58183	58097	0.53	cps
Nickel	60-2	91938	91432	89617	90996	1.34	cps
Phosphorus	31-2	40683	42162	39271	40705	3.55	cps
Potassium	39-2	1632126	1563370	1622974	1606157	2.32	cps
Rhodium	103-1	13949208	13951433	14242811	14047817	1.20	cps
Rhodium	103-2	5323881	5283852	5353215	5320316	0.65	cps
Scandium	45-1	12691491	12255741	12190859	12379364	2.20	cps
Scandium	45-2	317552	312379	311902	313944	1.00	cps
Selenium	82-1	1237	1553	1664	1485	14.90	cps
Selenium	77-2	360	343	327	343	4.86	cps
Selenium	78-2	416	362	397	392	6.99	cps
Silicon	28-1	9566435	9406110	9414198	9462247	0.95	cps
Silver	107-1	39775	41246	44297	41773	5.52	cps
Silver	109-1	40795	41012	41389	41065	0.73	cps
Sodium	23-2	315617	311549	317575	314914	0.98	cps
Strontium	86-1	2550550	2554819	2631644	2579004	1.77	cps
Strontium	88-1	22117323	21626465	22356334	22033374	1.69	cps
Sulfur	34-1	656985	649054	662560	656200	1.03	cps
Terbium	159-1	17678393	17988658	18075241	17914097	1.16	cps
Terbium	159-2	5893611	6092976	5999836	5995474	1.66	cps
Thallium	203-1	7811	7636	7219	7555	4.03	cps
Thallium	205-1	18964	18380	18455	18600	1.71	cps
Tin	118-1	341372	338283	335898	338518	0.81	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-17	Instrumnet Name :	P8
Client Sample ID :	MH1PW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:07:03	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1142988	1135551	1142260	1140266	0.36	cps
Uranium	238-1	192094	188550	196534	192393	2.08	cps
Vanadium	51-2	427973	427225	433783	429661	0.84	cps
Ytterbium	172-1	29258	30912	29225	29798	3.24	cps
Ytterbium	172-2	12417	11494	12100	12004	3.91	cps
Ytterbium	176-1	20650	19315	20458	20141	3.58	cps
Ytterbium	176-2	14041	15053	14341	14479	3.59	cps
Yttrium	89-1	26919257	26984438	28330164	27411286	2.91	cps
Yttrium	89-2	2524022	2505511	2514050	2514528	0.37	cps
Zinc	66-2	1007002	988303	992415	995906	0.99	cps
Zirconium	90-1	42666	43486	43677	43276	1.24	cps
Zirconium	91-1	10054	9745	9979	9926	1.62	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-18	Instrumnet Name :	P8
Client Sample ID :	MH1PW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:09:57	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2613390	2563871	2651706	2609656	1.69	cps
Antimony	121-1	66906	66252	65558	66239	1.02	cps
Arsenic	75-2	14074	13950	14113	14046	0.61	cps
Barium	135-1	2148410	2028884	2145335	2107543	3.23	cps
Barium	137-1	3627039	3644497	3488193	3586576	2.39	cps
Beryllium	9-1	10446	10320	10446	10404	0.70	cps
Bismuth	209-1	9913789	9817355	9749712	9826952	0.84	cps
Bismuth	209-2	3947895	4146172	4069948	4054672	2.47	cps
Boron	10-1	26525	28446	28023	27665	3.65	cps
Boron	11-1	120798	123102	126789	123563	2.45	cps
Bromine	81-1	89359	94038	90693	91363	2.64	cps
Cadmium	111-1	46592	47830	46843	47088	1.39	cps
Cadmium	106-1	12164	12139	12106	12136	0.24	cps
Cadmium	108-1	3713	3730	3571	3671	2.37	cps
Calcium	43-1	7367492	7809744	7486389	7554542	3.03	cps
Calcium	44-1	119145065	127783590	125472616	124133757	3.60	cps
Carbon	12-1	19678667	19464686	19579623	19574325	0.55	cps
Carbon	12-2	185587	188078	187001	186889	0.67	cps
Chlorine	35-1	114588228	131379590	139602686	128523501	9.92	cps
Chlorine	35-2	939448	963730	961175	954784	1.40	cps
Chromium	52-2	213287	212134	210827	212082	0.58	cps
Cobalt	59-2	141721	143534	138721	141325	1.72	cps
Copper	63-2	828920	824546	821506	824991	0.45	cps
Dysprosium	156-1	144093	146177	146073	145448	0.81	cps
Dysprosium	156-2	46438	44959	46099	45832	1.69	cps
Erbium	164-1	113056	109258	114250	112188	2.32	cps
Erbium	164-2	37891	38118	38282	38097	0.52	cps
Gadolinium	160-1	123675	126032	120032	123246	2.45	cps
Gadolinium	160-2	47615	47956	48037	47869	0.47	cps
Holmium	165-1	17137189	16727789	16801334	16888771	1.29	cps
Holmium	165-2	6005342	6106843	5940746	6017644	1.39	cps
Indium	115-1	14893602	15649653	15260604	15267953	2.48	cps
Indium	115-2	1993601	2001467	2031968	2009012	1.01	cps
Iron	54-2	12713410	12355736	12382565	12483904	1.60	cps
Iron	56-2	226021750	225596688	228198577	226605672	0.62	cps
Iron	57-2	5760381	5838665	5638728	5745925	1.75	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-18	Instrumnet Name :	P8
Client Sample ID :	MH1PW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:09:57	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13936	14098	13979	14004	0.60	cps
Lead	206-1	9845873	10091544	9687756	9875058	2.06	cps
Lead	207-1	8461822	8458796	8250605	8390408	1.44	cps
Lead	208-1	39212778	39230460	38443238	38962159	1.15	cps
Lithium	6-1	9463154	9537211	9459471	9486612	0.46	cps
Magnesium	24-2	3736304	3612448	3547382	3632045	2.64	cps
Manganese	55-2	2500533	2531246	2528291	2520023	0.67	cps
Molybdenum	94-1	47248	47925	47615	47596	0.71	cps
Molybdenum	95-1	43051	44848	43277	43726	2.24	cps
Molybdenum	96-1	68043	68161	65280	67161	2.43	cps
Molybdenum	97-1	28305	28171	27737	28071	1.06	cps
Molybdenum	98-1	68604	68587	69558	68916	0.81	cps
Neodymium	150-1	236485	237157	233470	235704	0.83	cps
Neodymium	150-2	62810	63560	63363	63245	0.61	cps
Nickel	60-2	127505	125374	123475	125451	1.61	cps
Phosphorus	31-2	34199	34901	32763	33955	3.21	cps
Potassium	39-2	1333089	1339898	1309611	1327532	1.20	cps
Rhodium	103-1	14002694	14215699	14116035	14111476	0.76	cps
Rhodium	103-2	5214051	5265299	5308758	5262703	0.90	cps
Scandium	45-1	12306673	12696726	12375134	12459511	1.67	cps
Scandium	45-2	316288	315702	309092	313694	1.27	cps
Selenium	82-1	1139	942	1311	1131	16.33	cps
Selenium	77-2	277	330	383	330	16.16	cps
Selenium	78-2	401	389	399	396	1.62	cps
Silicon	28-1	11778815	11923352	11849106	11850424	0.61	cps
Silver	107-1	48863	49674	49047	49195	0.86	cps
Silver	109-1	45183	48387	49423	47664	4.64	cps
Sodium	23-2	2115991	2072911	2113673	2100858	1.15	cps
Strontium	86-1	2491047	2465597	2399878	2452174	1.92	cps
Strontium	88-1	20866059	20831152	21079268	20925493	0.64	cps
Sulfur	34-1	694678	704328	708306	702437	1.00	cps
Terbium	159-1	17878793	17683398	16770410	17444200	3.39	cps
Terbium	159-2	6006131	5975492	5940674	5974099	0.55	cps
Thallium	203-1	8737	9154	8762	8884	2.63	cps
Thallium	205-1	21193	21769	21143	21368	1.63	cps
Tin	118-1	196365	198635	189989	194996	2.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-18	Instrumnet Name :	P8
Client Sample ID :	MH1PW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:09:57	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1279947	1343107	1302625	1308560	2.45	cps
Uranium	238-1	199157	199869	195350	198126	1.23	cps
Vanadium	51-2	453475	447847	443619	448313	1.10	cps
Ytterbium	172-1	32440	33919	34011	33457	2.64	cps
Ytterbium	172-2	12745	13240	12957	12981	1.91	cps
Ytterbium	176-1	22261	22553	22219	22344	0.81	cps
Ytterbium	176-2	15120	15276	15320	15239	0.69	cps
Yttrium	89-1	27749455	27328641	26887253	27321783	1.58	cps
Yttrium	89-2	2544946	2592072	2501033	2546017	1.79	cps
Zinc	66-2	792596	801230	807837	800554	0.95	cps
Zirconium	90-1	59536	58398	58632	58856	1.02	cps
Zirconium	91-1	13232	13532	13632	13465	1.55	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-19	Instrumnet Name :	P8
Client Sample ID :	MH1PX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:12:53	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2608790	2566830	2589370	2588330	0.81	cps
Antimony	121-1	46129	45752	45501	45794	0.69	cps
Arsenic	75-2	12910	13193	13174	13092	1.21	cps
Barium	135-1	1857489	1812720	1816654	1828954	1.36	cps
Barium	137-1	3201684	3211200	3161886	3191590	0.82	cps
Beryllium	9-1	9469	9679	9591	9580	1.10	cps
Bismuth	209-1	9644093	9442646	9570234	9552324	1.07	cps
Bismuth	209-2	4144004	4104364	4102590	4116986	0.57	cps
Boron	10-1	17787	18280	18130	18066	1.40	cps
Boron	11-1	77788	78344	81364	79165	2.43	cps
Bromine	81-1	96782	95833	95979	96198	0.53	cps
Cadmium	111-1	30112	28927	29101	29380	2.18	cps
Cadmium	106-1	10880	10779	11196	10952	1.99	cps
Cadmium	108-1	2142	2250	1942	2111	7.41	cps
Calcium	43-1	11346337	11560417	11779903	11562219	1.87	cps
Calcium	44-1	184758974	187869237	191398046	188008752	1.77	cps
Carbon	12-1	12913639	13217324	13241687	13124217	1.39	cps
Carbon	12-2	123578	127291	124695	125188	1.52	cps
Chlorine	35-1	124579649	136379620	142752907	134570725	6.85	cps
Chlorine	35-2	979446	1012150	1022710	1004769	2.24	cps
Chromium	52-2	145860	144170	147202	145744	1.04	cps
Cobalt	59-2	125872	122819	126612	125101	1.61	cps
Copper	63-2	502484	503465	508767	504906	0.67	cps
Dysprosium	156-1	142114	135065	136752	137977	2.67	cps
Dysprosium	156-2	45491	45544	45190	45408	0.42	cps
Erbium	164-1	107870	110526	105973	108123	2.12	cps
Erbium	164-2	37516	36724	38346	37529	2.16	cps
Gadolinium	160-1	121371	122210	120159	121247	0.85	cps
Gadolinium	160-2	48110	48083	46039	47411	2.51	cps
Holmium	165-1	17024863	16634855	16568725	16742814	1.47	cps
Holmium	165-2	6063010	6122488	6177146	6120882	0.93	cps
Indium	115-1	15222705	15453457	15360476	15345546	0.76	cps
Indium	115-2	1954866	1993466	1991398	1979910	1.10	cps
Iron	54-2	10315069	10293378	10380428	10329625	0.44	cps
Iron	56-2	184287799	189357676	188304154	187316543	1.43	cps
Iron	57-2	4687613	4674268	4662710	4674864	0.27	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-19	Instrumnet Name :	P8
Client Sample ID :	MH1PX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:12:53	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13677	13630	13427	13578	0.98	cps
Lead	206-1	4546412	4545220	4643802	4578478	1.24	cps
Lead	207-1	3937840	3923575	3930471	3930629	0.18	cps
Lead	208-1	18006967	17867058	18092652	17988892	0.63	cps
Lithium	6-1	9514299	9251876	9423465	9396547	1.42	cps
Magnesium	24-2	3348619	3448691	3527375	3441562	2.60	cps
Manganese	55-2	1654616	1737301	1718147	1703355	2.54	cps
Molybdenum	94-1	45759	45199	46077	45679	0.97	cps
Molybdenum	95-1	36507	37284	37184	36992	1.14	cps
Molybdenum	96-1	57003	57780	55537	56773	2.01	cps
Molybdenum	97-1	23713	24122	23161	23665	2.04	cps
Molybdenum	98-1	59880	59051	57420	58784	2.13	cps
Neodymium	150-1	233858	233144	230455	232486	0.77	cps
Neodymium	150-2	60892	59653	60838	60461	1.16	cps
Nickel	60-2	77912	80198	78868	78993	1.45	cps
Phosphorus	31-2	23111	22918	21558	22529	3.76	cps
Potassium	39-2	1063501	1037293	1059539	1053444	1.34	cps
Rhodium	103-1	13944654	13952169	14014248	13970357	0.27	cps
Rhodium	103-2	5095994	5178765	5203619	5159459	1.09	cps
Scandium	45-1	12793691	12349844	12028912	12390816	3.10	cps
Scandium	45-2	310206	314160	317896	314087	1.22	cps
Selenium	82-1	1102	727	833	887	21.80	cps
Selenium	77-2	350	273	343	322	13.18	cps
Selenium	78-2	341	341	407	363	10.50	cps
Silicon	28-1	20754547	21023430	20593612	20790530	1.04	cps
Silver	107-1	30109	29866	30409	30128	0.90	cps
Silver	109-1	29023	28681	30326	29343	2.96	cps
Sodium	23-2	192379	195867	199506	195917	1.82	cps
Strontium	86-1	2276390	2323054	2233439	2277627	1.97	cps
Strontium	88-1	19472833	19647979	19428541	19516451	0.59	cps
Sulfur	34-1	517895	535963	523588	525815	1.76	cps
Terbium	159-1	17921641	17844868	17410305	17725604	1.56	cps
Terbium	159-2	5887862	5989780	6145696	6007780	2.16	cps
Thallium	203-1	8461	9037	8328	8609	4.38	cps
Thallium	205-1	20742	20550	20667	20653	0.47	cps
Tin	118-1	127743	131126	125198	128022	2.32	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-19	Instrumnet Name :	P8
Client Sample ID :	MH1PX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:12:53	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1125257	1128927	1147261	1133815	1.04	cps
Uranium	238-1	167441	166349	170109	167966	1.15	cps
Vanadium	51-2	433783	434350	430469	432867	0.48	cps
Ytterbium	172-1	32616	29575	31755	31316	5.00	cps
Ytterbium	172-2	12539	12362	12356	12419	0.84	cps
Ytterbium	176-1	21660	22161	19398	21073	6.99	cps
Ytterbium	176-2	14692	15070	14914	14892	1.28	cps
Yttrium	89-1	28215317	27694685	27797580	27902527	0.99	cps
Yttrium	89-2	2537156	2549973	2580336	2555822	0.87	cps
Zinc	66-2	306486	300981	303738	303735	0.91	cps
Zirconium	90-1	65815	65019	64952	65262	0.74	cps
Zirconium	91-1	14408	13740	13949	14032	2.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-01	Instrumnet Name :	P8
Client Sample ID :	MH1PX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:15:46	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2750864	2928417	2787580	2822287	3.32	cps
Antimony	121-1	45978	47182	47684	46948	1.87	cps
Arsenic	75-2	16884	16312	16189	16462	2.25	cps
Barium	135-1	2134678	2157191	2069322	2120397	2.15	cps
Barium	137-1	3672645	3559671	3570010	3600775	1.73	cps
Beryllium	9-1	9979	9853	10138	9990	1.43	cps
Bismuth	209-1	9449506	9283768	9227440	9320238	1.24	cps
Bismuth	209-2	3916002	4065671	3923847	3968507	2.12	cps
Boron	10-1	15207	14715	15902	15274	3.90	cps
Boron	11-1	65754	66901	66999	66551	1.04	cps
Bromine	81-1	97534	96593	96536	96888	0.58	cps
Cadmium	111-1	28124	28754	27488	28122	2.25	cps
Cadmium	106-1	10688	11005	10596	10763	1.99	cps
Cadmium	108-1	2059	2054	2029	2047	0.77	cps
Calcium	43-1	12136275	11851104	12761042	12249474	3.80	cps
Calcium	44-1	199862634	195422825	203798288	199694582	2.10	cps
Carbon	12-1	12129527	12114031	12389897	12211152	1.27	cps
Carbon	12-2	112699	115680	117351	115243	2.04	cps
Chlorine	35-1	137791511	151321791	162416787	150510030	8.19	cps
Chlorine	35-2	1072886	1078712	1085034	1078877	0.56	cps
Chromium	52-2	167674	165655	164453	165928	0.98	cps
Cobalt	59-2	133118	133213	131355	132562	0.79	cps
Copper	63-2	395013	402355	401454	399607	1.00	cps
Dysprosium	156-1	162175	164071	157172	161139	2.21	cps
Dysprosium	156-2	50977	50191	50328	50499	0.83	cps
Erbium	164-1	126047	120891	127367	124768	2.74	cps
Erbium	164-2	42174	41622	40111	41302	2.59	cps
Gadolinium	160-1	140700	136774	137469	138314	1.51	cps
Gadolinium	160-2	54093	53765	54408	54089	0.59	cps
Holmium	165-1	16628451	16421508	17332248	16794069	2.84	cps
Holmium	165-2	5922164	5990324	5813089	5908526	1.51	cps
Indium	115-1	15625751	15293010	14808703	15242488	2.70	cps
Indium	115-2	1926949	1976744	1925512	1943068	1.50	cps
Iron	54-2	11463039	11237235	11222364	11307546	1.19	cps
Iron	56-2	210886521	208063594	205078960	208009692	1.40	cps
Iron	57-2	5320552	5349486	5223607	5297882	1.24	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-01	Instrumnet Name :	P8
Client Sample ID :	MH1PX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:15:46	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13615	13650	13968	13744	1.41	cps
Lead	206-1	3634709	3500140	3674353	3603067	2.53	cps
Lead	207-1	3134761	2985730	3164155	3094882	3.09	cps
Lead	208-1	14398514	13865752	14467056	14243774	2.31	cps
Lithium	6-1	9287621	9957700	9639865	9628395	3.48	cps
Magnesium	24-2	4065187	3897551	3906237	3956325	2.39	cps
Manganese	55-2	1780362	1762111	1716056	1752843	1.89	cps
Molybdenum	94-1	56281	55035	53956	55091	2.11	cps
Molybdenum	95-1	44522	46930	45467	45640	2.66	cps
Molybdenum	96-1	68905	69517	67046	68489	1.88	cps
Molybdenum	97-1	27386	28856	27378	27873	3.05	cps
Molybdenum	98-1	72985	71979	71401	72122	1.11	cps
Neodymium	150-1	262929	263468	264975	263791	0.40	cps
Neodymium	150-2	70696	68582	68267	69182	1.91	cps
Nickel	60-2	86637	85006	85885	85842	0.95	cps
Phosphorus	31-2	19864	20256	20791	20304	2.29	cps
Potassium	39-2	1273948	1200235	1226036	1233406	3.03	cps
Rhodium	103-1	14036361	13743202	13803210	13860925	1.12	cps
Rhodium	103-2	5124874	5243928	5119868	5162890	1.36	cps
Scandium	45-1	12405996	11984380	12320764	12237047	1.82	cps
Scandium	45-2	315863	308303	308663	310943	1.37	cps
Selenium	82-1	1216	1187	782	1062	22.86	cps
Selenium	77-2	347	370	317	344	7.76	cps
Selenium	78-2	378	410	349	379	8.05	cps
Silicon	28-1	15642421	15730487	15518145	15630351	0.68	cps
Silver	107-1	26685	25599	25466	25917	2.58	cps
Silver	109-1	25925	24623	23279	24609	5.38	cps
Sodium	23-2	212819	209584	206334	209579	1.55	cps
Strontium	86-1	2527047	2398439	2490098	2471861	2.68	cps
Strontium	88-1	20864104	21193277	20844152	20967178	0.94	cps
Sulfur	34-1	506022	506284	516255	509521	1.14	cps
Terbium	159-1	17602727	17437431	17201310	17413823	1.16	cps
Terbium	159-2	5867716	5768772	5848117	5828202	0.90	cps
Thallium	203-1	9153	9712	8561	9142	6.30	cps
Thallium	205-1	21368	21460	22245	21691	2.22	cps
Tin	118-1	80831	87908	86776	85172	4.46	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-01	Instrumnet Name :	P8
Client Sample ID :	MH1PX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:15:46	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1316436	1284690	1328469	1309865	1.73	cps
Uranium	238-1	187113	183235	179171	183173	2.17	cps
Vanadium	51-2	501096	497007	500761	499621	0.45	cps
Ytterbium	172-1	34688	34805	34938	34811	0.36	cps
Ytterbium	172-2	13919	13713	13435	13689	1.77	cps
Ytterbium	176-1	23588	23730	23613	23644	0.32	cps
Ytterbium	176-2	14353	15487	15487	15109	4.34	cps
Yttrium	89-1	27847940	27440102	27508819	27598953	0.79	cps
Yttrium	89-2	2547227	2561116	2495889	2534744	1.36	cps
Zinc	66-2	211179	208163	206719	208687	1.09	cps
Zirconium	90-1	74063	73955	73737	73918	0.22	cps
Zirconium	91-1	17295	16410	15701	16469	4.85	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-02	Instrumnet Name :	P8
Client Sample ID :	MH1PX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:18:41	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2247687	2235247	2189924	2224286	1.37	cps
Antimony	121-1	65415	63389	63549	64118	1.76	cps
Arsenic	75-2	12019	11506	11804	11776	2.19	cps
Barium	135-1	2387451	2430318	2450992	2422920	1.34	cps
Barium	137-1	4104595	4149711	4175899	4143401	0.87	cps
Beryllium	9-1	10300	10432	10278	10336	0.81	cps
Bismuth	209-1	9996931	9904134	10046203	9982423	0.72	cps
Bismuth	209-2	4180884	4152657	4207277	4180273	0.65	cps
Boron	10-1	39811	41613	43336	41587	4.24	cps
Boron	11-1	177238	189252	191615	186035	4.14	cps
Bromine	81-1	84828	91378	100261	92155	8.41	cps
Cadmium	111-1	40128	41605	42173	41302	2.56	cps
Cadmium	106-1	12164	13007	11847	12339	4.86	cps
Cadmium	108-1	3292	3100	3380	3257	4.38	cps
Calcium	43-1	8958106	9364897	9469087	9264030	2.91	cps
Calcium	44-1	144747085	151750309	152888375	149795256	2.94	cps
Carbon	12-1	32889850	33720008	34480826	33696895	2.36	cps
Carbon	12-2	310831	315884	309264	311993	1.11	cps
Chlorine	35-1	133136295	144910991	154811583	144286289	7.52	cps
Chlorine	35-2	1034660	1055734	1068641	1053012	1.63	cps
Chromium	52-2	199665	199328	194598	197864	1.43	cps
Cobalt	59-2	122391	120685	125079	122718	1.81	cps
Copper	63-2	902522	870194	889277	887331	1.83	cps
Dysprosium	156-1	128763	121603	129422	126596	3.43	cps
Dysprosium	156-2	40491	39535	39228	39751	1.66	cps
Erbium	164-1	98037	99692	99339	99023	0.88	cps
Erbium	164-2	33338	33332	33268	33313	0.12	cps
Gadolinium	160-1	107670	110785	108450	108968	1.49	cps
Gadolinium	160-2	42046	42050	41819	41972	0.32	cps
Holmium	165-1	16661136	16980856	17376635	17006209	2.11	cps
Holmium	165-2	6199053	6063287	6117760	6126700	1.12	cps
Indium	115-1	15243483	15249021	15553498	15348668	1.16	cps
Indium	115-2	2016827	1946591	1985961	1983126	1.78	cps
Iron	54-2	10443594	10256609	10335622	10345275	0.91	cps
Iron	56-2	187490188	188082588	192057793	189210189	1.31	cps
Iron	57-2	4948263	4705071	4793889	4815741	2.56	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-02	Instrumnet Name :	P8
Client Sample ID :	MH1PX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:18:41	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13328	13586	13432	13449	0.96	cps
Lead	206-1	9718696	9621346	9844303	9728115	1.15	cps
Lead	207-1	7964135	8157080	8336860	8152692	2.29	cps
Lead	208-1	37568575	38277935	39041872	38296128	1.92	cps
Lithium	6-1	9359143	9278534	9900608	9512762	3.56	cps
Magnesium	24-2	3952024	4018207	3991674	3987302	0.84	cps
Manganese	55-2	2707070	2646450	2748242	2700587	1.90	cps
Molybdenum	94-1	39448	41605	41981	41011	3.33	cps
Molybdenum	95-1	45601	45216	45551	45456	0.46	cps
Molybdenum	96-1	64744	63539	63395	63893	1.16	cps
Molybdenum	97-1	27929	28497	29307	28577	2.42	cps
Molybdenum	98-1	71979	71677	70530	71396	1.07	cps
Neodymium	150-1	204365	206569	211313	207416	1.71	cps
Neodymium	150-2	55090	54892	53671	54551	1.41	cps
Nickel	60-2	82676	82673	81600	82316	0.75	cps
Phosphorus	31-2	73696	75590	72951	74079	1.84	cps
Potassium	39-2	2115768	2043425	2103834	2087675	1.86	cps
Rhodium	103-1	14358582	14219653	14045877	14208038	1.10	cps
Rhodium	103-2	5328309	5177242	5189669	5231740	1.60	cps
Scandium	45-1	11951160	12341451	12601921	12298177	2.66	cps
Scandium	45-2	314272	306786	311014	310691	1.21	cps
Selenium	82-1	1611	1433	1262	1435	12.16	cps
Selenium	77-2	253	310	337	300	14.19	cps
Selenium	78-2	373	389	384	382	2.14	cps
Silicon	28-1	13259360	14488977	14404675	14051004	4.89	cps
Silver	107-1	49598	52050	50561	50736	2.43	cps
Silver	109-1	50235	48277	50151	49554	2.23	cps
Sodium	23-2	851943	814428	815387	827252	2.59	cps
Strontium	86-1	3662567	3658118	3658511	3659732	0.07	cps
Strontium	88-1	31536416	31804138	31749132	31696562	0.45	cps
Sulfur	34-1	753307	789163	775063	772511	2.34	cps
Terbium	159-1	18133718	17829183	17849582	17937494	0.95	cps
Terbium	159-2	6156062	5953758	6115112	6074977	1.76	cps
Thallium	203-1	7194	7694	7694	7527	3.84	cps
Thallium	205-1	17471	17771	18063	17768	1.67	cps
Tin	118-1	284454	289554	295039	289682	1.83	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-02	Instrumnet Name :	P8
Client Sample ID :	MH1PX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:18:41	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	710965	716968	739088	722340	2.05	cps
Uranium	238-1	239074	244140	239873	241029	1.13	cps
Vanadium	51-2	358047	357510	357346	357635	0.10	cps
Ytterbium	172-1	29726	28866	29158	29250	1.50	cps
Ytterbium	172-2	11628	11466	11316	11470	1.36	cps
Ytterbium	176-1	19415	20091	19849	19785	1.73	cps
Ytterbium	176-2	13718	14503	14308	14176	2.88	cps
Yttrium	89-1	27662285	27511943	27654968	27609732	0.31	cps
Yttrium	89-2	2614644	2491911	2550539	2552365	2.41	cps
Zinc	66-2	1020825	1021116	1019300	1020414	0.10	cps
Zirconium	90-1	35847	36139	37134	36373	1.85	cps
Zirconium	91-1	8344	8186	8161	8231	1.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03RE	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:21:34	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2596417	2444176	2507426	2516006	3.04	cps
Antimony	121-1	86231	87396	86575	86734	0.69	cps
Arsenic	75-2	13863	13600	13290	13584	2.11	cps
Barium	135-1	2692481	2659113	2781393	2710996	2.33	cps
Barium	137-1	4566441	4544592	4615214	4575416	0.79	cps
Beryllium	9-1	11474	11574	11540	11530	0.44	cps
Bismuth	209-1	9875638	10057227	7076712	9003192	18.56	cps
Bismuth	209-2	80550	1567752	3641225	1763176	101.43	cps
Boron	10-1	37691	39337	39390	38806	2.49	cps
Boron	11-1	167875	170197	172820	170298	1.45	cps
Bromine	81-1	90086	94744	98018	94283	4.23	cps
Cadmium	111-1	45924	47450	47232	46869	1.76	cps
Cadmium	106-1	12172	12873	10346	11797	11.06	cps
Cadmium	108-1	3559	3467	3617	3548	2.13	cps
Calcium	43-1	9646980	9785947	10102682	9845203	2.37	cps
Calcium	44-1	157482975	157131831	162837843	159150883	2.01	cps
Carbon	12-1	27006277	26774417	27136368	26972354	0.68	cps
Carbon	12-2	261389	253004	252386	255593	1.97	cps
Chlorine	35-1	128622624	142188553	152516316	141109164	8.49	cps
Chlorine	35-2	1031319	1048612	1062821	1047584	1.51	cps
Chromium	52-2	198265	192581	191850	194232	1.81	cps
Cobalt	59-2	137770	136411	132932	135704	1.84	cps
Copper	63-2	1033089	997794	986323	1005736	2.42	cps
Dysprosium	156-1	139454	141530	144508	141831	1.79	cps
Dysprosium	156-2	45066	44180	43220	44155	2.09	cps
Erbium	164-1	110824	110486	114452	111921	1.96	cps
Erbium	164-2	40261	37583	37720	38522	3.91	cps
Gadolinium	160-1	117249	119671	118004	118308	1.05	cps
Gadolinium	160-2	48826	46588	45959	47125	3.20	cps
Holmium	165-1	17446563	17381663	12862695	15896974	16.53	cps
Holmium	165-2	30817	2211000	5192572	2478130	104.56	cps
Indium	115-1	15420048	15954066	11657303	14343806	16.33	cps
Indium	115-2	7624	724103	1691777	807834	104.62	cps
Iron	54-2	11617176	11576789	11187804	11460590	2.07	cps
Iron	56-2	209417427	206454588	204285838	206719284	1.25	cps
Iron	57-2	5344837	5014681	5084366	5147961	3.38	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03RE	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:21:34	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14113	14409	14264	14262	1.04	cps
Lead	206-1	11635577	11381639	11818851	11612023	1.89	cps
Lead	207-1	9689418	9840650	10113209	9881092	2.17	cps
Lead	208-1	46216209	45826303	47019684	46354065	1.31	cps
Lithium	6-1	9970042	9626104	7737200	9111115	13.19	cps
Magnesium	24-2	4084039	3833012	3926934	3947995	3.21	cps
Manganese	55-2	2894822	2894886	2854725	2881478	0.80	cps
Molybdenum	94-1	45851	45233	48000	46361	3.13	cps
Molybdenum	95-1	50242	49447	52508	50733	3.13	cps
Molybdenum	96-1	71192	71619	73975	72262	2.07	cps
Molybdenum	97-1	30676	31929	32898	31834	3.50	cps
Molybdenum	98-1	78623	79244	81238	79702	1.71	cps
Neodymium	150-1	219683	221011	227399	222698	1.85	cps
Neodymium	150-2	61843	59371	57804	59673	3.41	cps
Nickel	60-2	105032	103390	98824	102415	3.14	cps
Phosphorus	31-2	62293	63616	61498	62469	1.71	cps
Potassium	39-2	1810964	1820661	1783298	1804974	1.07	cps
Rhodium	103-1	14357983	14663824	10504426	13175411	17.59	cps
Rhodium	103-2	5388	1841623	4473524	2106845	106.60	cps
Scandium	45-1	12476212	12821761	10087238	11795070	12.62	cps
Scandium	45-2	3290	111519	271666	128825	104.81	cps
Selenium	82-1	1762	1511	1269	1514	16.28	cps
Selenium	77-2	320	400	353	358	11.23	cps
Selenium	78-2	393	391	417	400	3.61	cps
Silicon	28-1	12365512	11956925	12555536	12292658	2.49	cps
Silver	107-1	53948	54710	55605	54754	1.51	cps
Silver	109-1	52016	51816	54576	52803	2.91	cps
Sodium	23-2	591782	553613	561683	569026	3.54	cps
Strontium	86-1	3905684	3888788	3994072	3929515	1.44	cps
Strontium	88-1	32420280	33596714	34492411	33503135	3.10	cps
Sulfur	34-1	724322	722306	714545	720391	0.72	cps
Terbium	159-1	17837941	18289312	13078096	16401783	17.60	cps
Terbium	159-2	29867	2210351	5253415	2497878	105.03	cps
Thallium	203-1	8595	9012	9020	8876	2.74	cps
Thallium	205-1	20809	21402	22328	21513	3.56	cps
Tin	118-1	357066	351727	366928	358573	2.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03RE	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:21:34	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	903603	917850	948854	923436	2.51	cps
Uranium	238-1	258367	255943	266185	260165	2.06	cps
Vanadium	51-2	402852	392438	384649	393313	2.32	cps
Ytterbium	172-1	32341	32249	35064	33218	4.82	cps
Ytterbium	172-2	13429	13118	12623	13057	3.11	cps
Ytterbium	176-1	21209	22612	22595	22139	3.64	cps
Ytterbium	176-2	8258	10727	14197	11061	26.97	cps
Yttrium	89-1	27574590	28257916	21378029	25736845	14.73	cps
Yttrium	89-2	180868	1076480	2214982	1157443	88.08	cps
Zinc	66-2	1014584	1011131	1003531	1009748	0.56	cps
Zirconium	90-1	44723	46253	46261	45746	1.94	cps
Zirconium	91-1	10104	10913	10763	10593	4.06	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-04	Instrumnet Name :	P8
Client Sample ID :	MH1PX4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:24:29	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2493479	2355359	2468774	2439204	3.02	cps
Antimony	121-1	73674	74478	75208	74453	1.03	cps
Arsenic	75-2	13624	13576	13479	13560	0.55	cps
Barium	135-1	2684766	2718117	2756446	2719776	1.32	cps
Barium	137-1	4555928	4603860	4632270	4597353	0.84	cps
Beryllium	9-1	11596	11308	11418	11441	1.27	cps
Bismuth	209-1	9907593	9896707	9762494	9855598	0.82	cps
Bismuth	209-2	4191252	4140475	4142289	4158005	0.69	cps
Boron	10-1	32458	32480	34097	33011	2.85	cps
Boron	11-1	144524	150604	151807	148979	2.62	cps
Bromine	81-1	96718	94392	98326	96479	2.05	cps
Cadmium	111-1	40962	40998	42073	41344	1.53	cps
Cadmium	106-1	12022	12398	11680	12033	2.98	cps
Cadmium	108-1	3088	3196	3063	3116	2.28	cps
Calcium	43-1	9138205	9148023	9147884	9144704	0.06	cps
Calcium	44-1	151564663	146449544	147833396	148615867	1.78	cps
Carbon	12-1	19465825	19398490	20057716	19640677	1.85	cps
Carbon	12-2	183858	182045	184534	183479	0.70	cps
Chlorine	35-1	129140436	145185707	154939799	143088648	9.10	cps
Chlorine	35-2	1066452	1080043	1088925	1078473	1.05	cps
Chromium	52-2	164550	169423	167822	167265	1.49	cps
Cobalt	59-2	129837	130200	130284	130107	0.18	cps
Copper	63-2	833235	825008	822876	827040	0.66	cps
Dysprosium	156-1	128707	133192	135743	132547	2.69	cps
Dysprosium	156-2	42407	43521	41244	42391	2.69	cps
Erbium	164-1	107117	106964	107057	107046	0.07	cps
Erbium	164-2	37159	36307	36086	36517	1.55	cps
Gadolinium	160-1	112753	112617	114543	113305	0.95	cps
Gadolinium	160-2	45173	44093	45056	44774	1.32	cps
Holmium	165-1	16803378	17000897	16560260	16788178	1.31	cps
Holmium	165-2	6073022	6175909	6116596	6121842	0.84	cps
Indium	115-1	15122676	14930430	14758720	14937275	1.22	cps
Indium	115-2	1972792	1975695	2022868	1990452	1.41	cps
Iron	54-2	10552942	10711161	10612970	10625691	0.75	cps
Iron	56-2	201313082	195747449	195460599	197507043	1.67	cps
Iron	57-2	4916956	4881487	4874400	4890948	0.47	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-04	Instrumnet Name :	P8
Client Sample ID :	MH1PX4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:24:29	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13886	14132	13809	13942	1.21	cps
Lead	206-1	11659562	11128079	11571014	11452885	2.49	cps
Lead	207-1	9769484	9665742	9588112	9674446	0.94	cps
Lead	208-1	45342267	45175742	45290559	45269523	0.19	cps
Lithium	6-1	9374605	9729572	9749239	9617805	2.19	cps
Magnesium	24-2	3360317	3469652	3378064	3402678	1.72	cps
Manganese	55-2	2383527	2378456	2399949	2387311	0.47	cps
Molybdenum	94-1	47215	47524	48092	47610	0.94	cps
Molybdenum	95-1	41730	42424	43352	42502	1.91	cps
Molybdenum	96-1	62206	64778	65790	64258	2.87	cps
Molybdenum	97-1	25908	26701	26701	26437	1.73	cps
Molybdenum	98-1	66820	66627	67456	66968	0.65	cps
Neodymium	150-1	212994	211486	218416	214298	1.70	cps
Neodymium	150-2	56643	54638	55431	55571	1.82	cps
Nickel	60-2	100322	100026	101718	100688	0.90	cps
Phosphorus	31-2	44937	43917	44369	44408	1.15	cps
Potassium	39-2	1338239	1351629	1340238	1343369	0.54	cps
Rhodium	103-1	13879701	13960949	13806890	13882513	0.56	cps
Rhodium	103-2	5268169	5258543	5131070	5219261	1.47	cps
Scandium	45-1	12796891	12330869	12252078	12459946	2.36	cps
Scandium	45-2	314549	309340	312341	312077	0.84	cps
Selenium	82-1	1546	1299	1355	1400	9.28	cps
Selenium	77-2	300	293	317	303	3.96	cps
Selenium	78-2	329	357	372	353	6.19	cps
Silicon	28-1	15047184	14709208	15400949	15052447	2.30	cps
Silver	107-1	53840	53622	53380	53614	0.43	cps
Silver	109-1	49866	51405	52041	51104	2.19	cps
Sodium	23-2	478129	489255	471367	479584	1.88	cps
Strontium	86-1	3176824	3142624	3215850	3178433	1.15	cps
Strontium	88-1	26974200	27525470	28039995	27513222	1.94	cps
Sulfur	34-1	614012	618904	619108	617342	0.47	cps
Terbium	159-1	17137811	17172715	17109034	17139853	0.19	cps
Terbium	159-2	5963156	6136955	5994032	6031381	1.54	cps
Thallium	203-1	9270	8453	8403	8709	5.59	cps
Thallium	205-1	19457	20266	20450	20058	2.64	cps
Tin	118-1	298921	301761	307366	302683	1.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-04	Instrumnet Name :	P8
Client Sample ID :	MH1PX4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:24:29	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1134356	1132528	1166587	1144491	1.67	cps
Uranium	238-1	216217	211806	221727	216584	2.30	cps
Vanadium	51-2	379770	389022	377523	382105	1.59	cps
Ytterbium	172-1	30035	31964	33176	31725	4.99	cps
Ytterbium	172-2	12267	12623	12339	12410	1.52	cps
Ytterbium	176-1	22103	21852	22662	22205	1.87	cps
Ytterbium	176-2	14642	14703	15760	15035	4.18	cps
Yttrium	89-1	27638256	27882181	27697615	27739351	0.46	cps
Yttrium	89-2	2570631	2549724	2553552	2557969	0.44	cps
Zinc	66-2	806497	813575	811958	810677	0.46	cps
Zirconium	90-1	60959	57762	59921	59547	2.74	cps
Zirconium	91-1	13774	13115	13365	13418	2.48	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2310-05 Instrumnet Name : P8
 Client Sample ID : MH1PX5 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 16:27:22 DataFile Name : 072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3130769	3119673	2974412	3074951	2.84	cps
Antimony	121-1	99654	98732	103240	100542	2.37	cps
Arsenic	75-2	16985	16865	16646	16832	1.02	cps
Barium	135-1	3259268	3242654	3385768	3295897	2.37	cps
Barium	137-1	5551572	5587906	5740922	5626800	1.79	cps
Beryllium	9-1	15243	15367	15956	15522	2.45	cps
Bismuth	209-1	9603557	9660217	10130128	9797967	2.95	cps
Bismuth	209-2	4280899	4209189	4141047	4210379	1.66	cps
Boron	10-1	43158	45411	47101	45223	4.37	cps
Boron	11-1	191872	197112	205860	198281	3.56	cps
Bromine	81-1	88927	95942	95770	93546	4.28	cps
Cadmium	111-1	47116	47687	48857	47887	1.85	cps
Cadmium	106-1	13290	12423	13415	13043	4.14	cps
Cadmium	108-1	3513	3801	3601	3638	4.05	cps
Calcium	43-1	8999014	9361070	9364184	9241422	2.27	cps
Calcium	44-1	146262163	151078583	148895091	148745279	1.62	cps
Carbon	12-1	15485088	15905215	16110687	15833663	2.01	cps
Carbon	12-2	149618	151351	151183	150718	0.63	cps
Chlorine	35-1	138255128	154323641	168174325	153584365	9.75	cps
Chlorine	35-2	1119722	1202434	1184120	1168759	3.72	cps
Chromium	52-2	190621	188799	187040	188820	0.95	cps
Cobalt	59-2	159169	160232	156594	158665	1.18	cps
Copper	63-2	941073	948828	954588	948163	0.72	cps
Dysprosium	156-1	144735	157148	152451	151445	4.14	cps
Dysprosium	156-2	48876	48545	47103	48174	1.96	cps
Erbium	164-1	119244	115166	123187	119199	3.36	cps
Erbium	164-2	41084	41588	40823	41165	0.95	cps
Gadolinium	160-1	128022	129174	132720	129972	1.88	cps
Gadolinium	160-2	52259	50803	50282	51115	2.00	cps
Holmium	165-1	16911977	16392622	16854856	16719819	1.70	cps
Holmium	165-2	6225523	6263926	6063583	6184344	1.72	cps
Indium	115-1	15014156	15215751	15109781	15113229	0.67	cps
Indium	115-2	2003705	1970319	1981154	1985059	0.86	cps
Iron	54-2	12414404	12426794	12310226	12383808	0.52	cps
Iron	56-2	224026783	226365755	218665655	223019398	1.77	cps
Iron	57-2	5643133	5683771	5722897	5683267	0.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-05	Instrumnet Name :	P8
Client Sample ID :	MH1PX5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:27:22	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13160	13745	13627	13511	2.29	cps
Lead	206-1	14491047	13998314	14852330	14447230	2.97	cps
Lead	207-1	12238331	11971451	12104743	12104842	1.10	cps
Lead	208-1	56679070	55544775	57418811	56547552	1.67	cps
Lithium	6-1	9414273	9442026	9998495	9618265	3.43	cps
Magnesium	24-2	3569874	3765135	3523710	3619573	3.54	cps
Manganese	55-2	3075402	2975522	2921744	2990889	2.61	cps
Molybdenum	94-1	57897	59110	62173	59726	3.69	cps
Molybdenum	95-1	46830	46913	49406	47716	3.07	cps
Molybdenum	96-1	71921	69592	72149	71221	1.99	cps
Molybdenum	97-1	28697	30067	30643	29802	3.35	cps
Molybdenum	98-1	74116	75046	77292	75484	2.16	cps
Neodymium	150-1	238219	235668	243033	238974	1.57	cps
Neodymium	150-2	64506	64347	63534	64129	0.81	cps
Nickel	60-2	106002	104840	103877	104906	1.01	cps
Phosphorus	31-2	35904	35595	36789	36096	1.72	cps
Potassium	39-2	1478331	1468003	1442252	1462862	1.27	cps
Rhodium	103-1	13663444	13575708	14250599	13829917	2.65	cps
Rhodium	103-2	5283922	5126852	5163012	5191262	1.58	cps
Scandium	45-1	12333171	12952719	12348229	12544706	2.82	cps
Scandium	45-2	314293	312664	309666	312208	0.75	cps
Selenium	82-1	1038	1081	1339	1153	14.10	cps
Selenium	77-2	360	313	420	364	14.67	cps
Selenium	78-2	373	417	373	388	6.55	cps
Silicon	28-1	14038308	14266179	14301410	14201966	1.01	cps
Silver	107-1	62659	63288	61765	62571	1.22	cps
Silver	109-1	56625	60091	61807	59508	4.44	cps
Sodium	23-2	737930	760696	733189	743938	1.98	cps
Strontium	86-1	3270119	3368436	3473802	3370786	3.02	cps
Strontium	88-1	28166363	27567626	29339265	28357751	3.18	cps
Sulfur	34-1	613824	607858	612501	611394	0.51	cps
Terbium	159-1	17383396	18014968	17431121	17609828	2.00	cps
Terbium	159-2	6110039	6047318	5822971	5993442	2.52	cps
Thallium	203-1	9387	9362	9687	9479	1.91	cps
Thallium	205-1	22821	22587	22721	22709	0.52	cps
Tin	118-1	425710	425002	440777	430496	2.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-05	Instrumnet Name :	P8
Client Sample ID :	MH1PX5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:27:22	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1675222	1728449	1682275	1695316	1.71	cps
Uranium	238-1	215000	210237	223416	216218	3.09	cps
Vanadium	51-2	428413	437457	422592	429487	1.74	cps
Ytterbium	172-1	35942	35265	36702	35969	2.00	cps
Ytterbium	172-2	14375	14608	14903	14629	1.81	cps
Ytterbium	176-1	24115	24148	24599	24287	1.11	cps
Ytterbium	176-2	16516	16010	16705	16410	2.19	cps
Yttrium	89-1	26758801	27199712	28452432	27470315	3.20	cps
Yttrium	89-2	2556332	2510655	2499801	2522263	1.19	cps
Zinc	66-2	1282614	1286345	1264049	1277670	0.93	cps
Zirconium	90-1	87232	88750	88885	88289	1.04	cps
Zirconium	91-1	19648	19322	19297	19422	1.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-06	Instrumnet Name :	P8
Client Sample ID :	MH1PX6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:30:17	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3916817	3940810	4010811	3956146	1.23	cps
Antimony	121-1	108807	109756	109814	109459	0.52	cps
Arsenic	75-2	11968	11896	12025	11963	0.54	cps
Barium	135-1	3019633	3157680	3117814	3098376	2.29	cps
Barium	137-1	5207037	5324034	5219720	5250264	1.22	cps
Beryllium	9-1	35127	35750	35574	35484	0.91	cps
Bismuth	209-1	9430177	9858517	9088342	9459012	4.08	cps
Bismuth	209-2	3854917	4010991	4003324	3956411	2.22	cps
Boron	10-1	73494	75248	76851	75198	2.23	cps
Boron	11-1	311690	337713	342696	330700	5.03	cps
Bromine	81-1	81421	79865	85712	82333	3.68	cps
Cadmium	111-1	36139	36540	35824	36168	0.99	cps
Cadmium	106-1	12347	12773	11422	12181	5.67	cps
Cadmium	108-1	2913	3059	2938	2970	2.63	cps
Calcium	43-1	11121489	11181644	11167719	11156951	0.28	cps
Calcium	44-1	177411885	177002877	182511506	178975423	1.71	cps
Carbon	12-1	17907680	18376636	18221110	18168475	1.31	cps
Carbon	12-2	171925	179762	169322	173670	3.13	cps
Chlorine	35-1	131060061	144063628	150220758	141781482	6.90	cps
Chlorine	35-2	1010631	997549	1033570	1013917	1.80	cps
Chromium	52-2	493009	496470	495960	495146	0.38	cps
Cobalt	59-2	155845	157845	157564	157085	0.69	cps
Copper	63-2	1275121	1270545	1288806	1278157	0.74	cps
Dysprosium	156-1	150657	155564	159391	155204	2.82	cps
Dysprosium	156-2	49321	48722	48250	48764	1.10	cps
Erbium	164-1	129193	127537	127380	128037	0.78	cps
Erbium	164-2	43113	43471	43869	43484	0.87	cps
Gadolinium	160-1	134914	134614	136487	135338	0.74	cps
Gadolinium	160-2	51918	52028	53079	52342	1.22	cps
Holmium	165-1	17232204	16399984	16467270	16699819	2.77	cps
Holmium	165-2	5915200	6009996	5902898	5942698	0.99	cps
Indium	115-1	14619266	14811188	14507230	14645895	1.05	cps
Indium	115-2	1946644	1900609	1951596	1932950	1.45	cps
Iron	54-2	17145791	17281936	17506859	17311529	1.05	cps
Iron	56-2	307016540	319671974	314246451	313644988	2.02	cps
Iron	57-2	7975683	8193062	7903901	8024215	1.88	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-06	Instrumnet Name :	P8
Client Sample ID :	MH1PX6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:30:17	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13372	13431	13158	13320	1.08	cps
Lead	206-1	9547165	9444986	9241542	9411231	1.65	cps
Lead	207-1	7856404	7804160	7834006	7831523	0.33	cps
Lead	208-1	36600422	37559493	36473345	36877753	1.61	cps
Lithium	6-1	9356430	9602190	9147573	9368731	2.43	cps
Magnesium	24-2	6691841	6720684	6742348	6718291	0.38	cps
Manganese	55-2	10916974	10966329	11102736	10995346	0.88	cps
Molybdenum	94-1	88121	85286	86939	86782	1.64	cps
Molybdenum	95-1	76763	78631	78480	77958	1.33	cps
Molybdenum	96-1	106534	114606	110573	110571	3.65	cps
Molybdenum	97-1	48076	46630	48042	47583	1.73	cps
Molybdenum	98-1	121734	120877	120547	121052	0.51	cps
Neodymium	150-1	242086	244068	236237	240797	1.69	cps
Neodymium	150-2	63111	62998	62820	62976	0.23	cps
Nickel	60-2	150005	149451	149797	149751	0.19	cps
Phosphorus	31-2	30007	29565	30641	30071	1.80	cps
Potassium	39-2	2213072	2193958	2180647	2195892	0.74	cps
Rhodium	103-1	13554330	13632823	13524909	13570687	0.41	cps
Rhodium	103-2	5196723	4875109	5090253	5054028	3.24	cps
Scandium	45-1	12046414	12069065	11979426	12031635	0.39	cps
Scandium	45-2	311238	299444	308667	306450	2.02	cps
Selenium	82-1	1164	1280	1546	1330	14.76	cps
Selenium	77-2	363	337	387	362	6.91	cps
Selenium	78-2	415	410	402	409	1.60	cps
Silicon	28-1	77296308	77053754	77627198	77325753	0.37	cps
Silver	107-1	53095	51565	50544	51735	2.48	cps
Silver	109-1	49256	48679	50201	49379	1.56	cps
Sodium	23-2	562319	564507	565617	564148	0.30	cps
Strontium	86-1	4338204	4316336	4304985	4319842	0.39	cps
Strontium	88-1	36637530	36697040	36474891	36603154	0.31	cps
Sulfur	34-1	748416	766700	759860	758325	1.22	cps
Terbium	159-1	17024120	17493352	17547731	17355068	1.66	cps
Terbium	159-2	5834120	5802861	5971550	5869510	1.53	cps
Thallium	203-1	6985	7544	7411	7313	3.99	cps
Thallium	205-1	17980	17078	16861	17307	3.43	cps
Tin	118-1	307993	300929	309826	306249	1.53	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-06	Instrumnet Name :	P8
Client Sample ID :	MH1PX6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:30:17	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2018728	1954619	1962785	1978710	1.76	cps
Uranium	238-1	285499	282122	274139	280587	2.08	cps
Vanadium	51-2	399758	400719	397791	399422	0.37	cps
Ytterbium	172-1	40513	40856	40053	40474	0.99	cps
Ytterbium	172-2	15943	15977	15454	15791	1.85	cps
Ytterbium	176-1	27145	26911	26920	26992	0.49	cps
Ytterbium	176-2	16388	16828	17195	16804	2.40	cps
Yttrium	89-1	26698308	27069500	26362709	26710172	1.32	cps
Yttrium	89-2	2519111	2445750	2543298	2502720	2.03	cps
Zinc	66-2	1418405	1358261	1369045	1381904	2.32	cps
Zirconium	90-1	114444	114033	115163	114547	0.50	cps
Zirconium	91-1	25198	24172	25549	24973	2.87	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-07	Instrumnet Name :	P8
Client Sample ID :	MH1PX7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:33:10	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3180880	3118947	3056639	3118822	1.99	cps
Antimony	121-1	316023	313841	326166	318677	2.06	cps
Arsenic	75-2	17172	16992	16680	16948	1.47	cps
Barium	135-1	2792304	2695271	2767728	2751767	1.83	cps
Barium	137-1	4807467	4750001	4758206	4771891	0.65	cps
Beryllium	9-1	20634	20803	20755	20731	0.42	cps
Bismuth	209-1	9707397	8970351	9531653	9403134	4.09	cps
Bismuth	209-2	4097899	4087945	4093109	4092984	0.12	cps
Boron	10-1	49197	49254	51063	49838	2.13	cps
Boron	11-1	213804	219506	225751	219687	2.72	cps
Bromine	81-1	79873	80338	78775	79662	1.01	cps
Cadmium	111-1	40701	40178	42083	40987	2.40	cps
Cadmium	106-1	12848	12239	12731	12606	2.56	cps
Cadmium	108-1	3559	3392	3492	3481	2.41	cps
Calcium	43-1	6525669	6435096	6558057	6506274	0.98	cps
Calcium	44-1	108462179	102883012	107586536	106310576	2.82	cps
Carbon	12-1	12112185	11897464	12153369	12054339	1.14	cps
Carbon	12-2	114841	119510	114530	116293	2.40	cps
Chlorine	35-1	150293908	163143912	172410175	161949331	6.86	cps
Chlorine	35-2	1221298	1247821	1282032	1250384	2.44	cps
Chromium	52-2	258229	255011	258347	257196	0.74	cps
Cobalt	59-2	182079	181511	181432	181674	0.19	cps
Copper	63-2	1131478	1146655	1099796	1125977	2.12	cps
Dysprosium	156-1	165369	160643	160427	162147	1.72	cps
Dysprosium	156-2	50800	49843	50284	50309	0.95	cps
Erbium	164-1	123936	124602	129835	126124	2.56	cps
Erbium	164-2	43170	42528	42872	42857	0.75	cps
Gadolinium	160-1	137110	133660	136585	135785	1.37	cps
Gadolinium	160-2	53855	53370	52945	53390	0.85	cps
Holmium	165-1	16647823	15784926	16962985	16465245	3.70	cps
Holmium	165-2	5967198	5831062	6024275	5940845	1.67	cps
Indium	115-1	14768334	14214996	15427922	14803751	4.10	cps
Indium	115-2	2000075	1989360	1959267	1982901	1.07	cps
Iron	54-2	20325736	20339535	19857225	20174165	1.36	cps
Iron	56-2	374906197	366647075	362366575	367973282	1.73	cps
Iron	57-2	9517230	9286279	9146290	9316600	2.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-07	Instrumnet Name :	P8
Client Sample ID :	MH1PX7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:33:10	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13731	13316	13670	13572	1.65	cps
Lead	206-1	14579335	14227670	14673029	14493345	1.62	cps
Lead	207-1	12303583	11853876	11916141	12024533	2.03	cps
Lead	208-1	57678053	56130404	56615276	56807911	1.39	cps
Lithium	6-1	9733558	8853548	9582586	9389897	5.01	cps
Magnesium	24-2	4324811	4043749	4208824	4192462	3.37	cps
Manganese	55-2	7178040	7019183	7006955	7068059	1.35	cps
Molybdenum	94-1	87520	84508	87710	86579	2.08	cps
Molybdenum	95-1	64517	63438	63672	63876	0.89	cps
Molybdenum	96-1	102689	98189	103219	101366	2.73	cps
Molybdenum	97-1	40126	39357	40167	39883	1.14	cps
Molybdenum	98-1	99893	101152	100271	100438	0.64	cps
Neodymium	150-1	258813	259734	261811	260119	0.59	cps
Neodymium	150-2	70180	68130	67372	68560	2.12	cps
Nickel	60-2	183329	185674	183036	184013	0.79	cps
Phosphorus	31-2	26675	26116	25874	26222	1.57	cps
Potassium	39-2	1640010	1673757	1643470	1652413	1.12	cps
Rhodium	103-1	13843672	13425141	13686344	13651719	1.55	cps
Rhodium	103-2	5192120	5240637	5149115	5193957	0.88	cps
Scandium	45-1	12124531	11844776	12332778	12100695	2.02	cps
Scandium	45-2	313364	310342	306905	310204	1.04	cps
Selenium	82-1	852	1020	569	814	27.98	cps
Selenium	77-2	357	460	397	404	12.88	cps
Selenium	78-2	386	397	365	383	4.25	cps
Silicon	28-1	41847143	40299107	40325483	40823911	2.17	cps
Silver	107-1	51397	50502	52359	51419	1.81	cps
Silver	109-1	49265	49750	50234	49749	0.97	cps
Sodium	23-2	469134	443956	452783	455291	2.81	cps
Strontium	86-1	2685210	2655671	2765649	2702177	2.11	cps
Strontium	88-1	23239178	23114389	23938150	23430572	1.89	cps
Sulfur	34-1	603500	587431	591162	594031	1.42	cps
Terbium	159-1	17971414	16476773	17228237	17225475	4.34	cps
Terbium	159-2	5972590	6053395	5915345	5980443	1.16	cps
Thallium	203-1	6869	7069	7044	6994	1.56	cps
Thallium	205-1	18005	17487	17637	17710	1.50	cps
Tin	118-1	595310	591248	622513	603024	2.82	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-07	Instrumnet Name :	P8
Client Sample ID :	MH1PX7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:33:10	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1843875	1866037	1814494	1841469	1.40	cps
Uranium	238-1	220706	220303	228213	223074	2.00	cps
Vanadium	51-2	455048	454385	445899	451777	1.13	cps
Ytterbium	172-1	37437	38390	39585	38471	2.80	cps
Ytterbium	172-2	15498	15637	14853	15330	2.73	cps
Ytterbium	176-1	25141	25183	26594	25639	3.23	cps
Ytterbium	176-2	16550	16833	16522	16635	1.04	cps
Yttrium	89-1	27093959	25731585	27616792	26814112	3.63	cps
Yttrium	89-2	2537106	2528383	2478294	2514594	1.26	cps
Zinc	66-2	1707371	1714633	1665417	1695807	1.57	cps
Zirconium	90-1	137709	136331	139253	137764	1.06	cps
Zirconium	91-1	31770	29649	31745	31055	3.92	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-08	Instrumnet Name :	P8
Client Sample ID :	MH1PX8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:36:06	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3104073	2872026	3055495	3010531	4.07	cps
Antimony	121-1	72518	72887	72015	72473	0.60	cps
Arsenic	75-2	13447	13616	13615	13559	0.72	cps
Barium	135-1	1768055	1764892	1744951	1759300	0.71	cps
Barium	137-1	3026433	3032136	3007628	3022066	0.42	cps
Beryllium	9-1	13371	12911	13023	13102	1.83	cps
Bismuth	209-1	9646379	9732864	9641669	9673637	0.53	cps
Bismuth	209-2	3961516	4068963	4066617	4032365	1.52	cps
Boron	10-1	27881	29837	29745	29154	3.78	cps
Boron	11-1	124498	129151	132001	128550	2.95	cps
Bromine	81-1	85714	84728	79942	83461	3.70	cps
Cadmium	111-1	22367	22034	21610	22004	1.72	cps
Cadmium	106-1	10880	10363	10388	10543	2.77	cps
Cadmium	108-1	1679	1817	1708	1735	4.18	cps
Calcium	43-1	4187898	4012366	4058358	4086207	2.23	cps
Calcium	44-1	66534142	64724847	64947904	65402298	1.51	cps
Carbon	12-1	10594662	10569291	11106024	10756659	2.82	cps
Carbon	12-2	102885	103942	98991	101940	2.56	cps
Chlorine	35-1	135679561	151145487	156374879	147733309	7.28	cps
Chlorine	35-2	1046371	1050117	1077472	1057987	1.60	cps
Chromium	52-2	161183	161734	163769	162229	0.84	cps
Cobalt	59-2	158496	159813	164498	160935	1.96	cps
Copper	63-2	597496	599725	601428	599550	0.33	cps
Dysprosium	156-1	144909	146067	146234	145737	0.50	cps
Dysprosium	156-2	45755	45237	46391	45794	1.26	cps
Erbium	164-1	112150	113191	115384	113575	1.45	cps
Erbium	164-2	38536	38700	38493	38576	0.28	cps
Gadolinium	160-1	123853	127770	124005	125209	1.77	cps
Gadolinium	160-2	48886	47789	48508	48395	1.15	cps
Holmium	165-1	16376578	16361999	16460343	16399640	0.32	cps
Holmium	165-2	5960788	5964963	5975381	5967044	0.13	cps
Indium	115-1	14910081	14938059	14972165	14940102	0.21	cps
Indium	115-2	1952415	2006882	1958413	1972570	1.51	cps
Iron	54-2	16600332	16618004	16542736	16587024	0.24	cps
Iron	56-2	302838340	305469329	308227418	305511696	0.88	cps
Iron	57-2	7638017	7685043	7766530	7696530	0.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-08	Instrumnet Name :	P8
Client Sample ID :	MH1PX8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:36:06	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13236	13512	13686	13478	1.69	cps
Lead	206-1	7509228	7560257	7437432	7502306	0.82	cps
Lead	207-1	6334067	6519133	6301078	6384759	1.84	cps
Lead	208-1	29635129	30240403	29555016	29810183	1.26	cps
Lithium	6-1	9049645	9328906	9491700	9290084	2.41	cps
Magnesium	24-2	3350426	3185163	3403029	3312873	3.43	cps
Manganese	55-2	5022457	4944522	4953085	4973355	0.86	cps
Molybdenum	94-1	78456	80047	76888	78464	2.01	cps
Molybdenum	95-1	61320	60181	60449	60650	0.98	cps
Molybdenum	96-1	92218	93685	93626	93176	0.89	cps
Molybdenum	97-1	36599	37384	36682	36889	1.17	cps
Molybdenum	98-1	94379	95471	94614	94822	0.61	cps
Neodymium	150-1	231257	233615	240720	235198	2.09	cps
Neodymium	150-2	60346	60600	61477	60808	0.98	cps
Nickel	60-2	128761	127105	128794	128220	0.75	cps
Phosphorus	31-2	18687	18229	18788	18568	1.61	cps
Potassium	39-2	1429123	1399673	1384374	1404390	1.62	cps
Rhodium	103-1	13752788	13739950	13606807	13699848	0.59	cps
Rhodium	103-2	4980511	5231098	5175107	5128905	2.56	cps
Scandium	45-1	12467356	12489236	12517390	12491328	0.20	cps
Scandium	45-2	307376	305003	314019	308799	1.51	cps
Selenium	82-1	498	644	936	693	32.18	cps
Selenium	77-2	333	327	333	331	1.16	cps
Selenium	78-2	342	363	361	355	3.26	cps
Silicon	28-1	13732966	13714362	14357122	13934817	2.63	cps
Silver	107-1	35605	34603	35605	35271	1.64	cps
Silver	109-1	33341	33826	34486	33884	1.70	cps
Sodium	23-2	368097	367675	373250	369674	0.84	cps
Strontium	86-1	1751083	1729226	1722170	1734160	0.87	cps
Strontium	88-1	14716455	14219302	14415583	14450447	1.73	cps
Sulfur	34-1	528576	530917	533788	531093	0.49	cps
Terbium	159-1	17178390	17763924	17106079	17349464	2.08	cps
Terbium	159-2	5842241	5999817	5993211	5945090	1.50	cps
Thallium	203-1	7494	7086	7644	7408	3.90	cps
Thallium	205-1	17153	17621	18572	17782	4.07	cps
Tin	118-1	590782	587116	600928	592942	1.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-08	Instrumnet Name :	P8
Client Sample ID :	MH1PX8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:36:06	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1241599	1256784	1262686	1253690	0.87	cps
Uranium	238-1	145450	149731	146335	147172	1.54	cps
Vanadium	51-2	370926	364421	370552	368633	0.99	cps
Ytterbium	172-1	33652	34521	33510	33894	1.62	cps
Ytterbium	172-2	13079	12946	13396	13140	1.76	cps
Ytterbium	176-1	22637	22820	23638	23032	2.32	cps
Ytterbium	176-2	14770	15231	15782	15261	3.32	cps
Yttrium	89-1	27064881	26626106	27322425	27004471	1.30	cps
Yttrium	89-2	2497271	2463362	2537072	2499235	1.48	cps
Zinc	66-2	650439	645467	650840	648915	0.46	cps
Zirconium	90-1	119270	118554	118998	118940	0.30	cps
Zirconium	91-1	26417	27045	25942	26468	2.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-09	Instrumnet Name :	P8
Client Sample ID :	MH1PX9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:38:59	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2649514	2674165	2624243	2649307	0.94	cps
Antimony	121-1	28046	28255	29399	28567	2.55	cps
Arsenic	75-2	6962	6723	6877	6854	1.77	cps
Barium	135-1	1528115	1526320	1479141	1511192	1.84	cps
Barium	137-1	2648066	2576517	2559916	2594833	1.81	cps
Beryllium	9-1	11058	11318	11194	11190	1.16	cps
Bismuth	209-1	9176859	9186651	9771269	9378260	3.63	cps
Bismuth	209-2	3971224	4146172	4202448	4106615	2.94	cps
Boron	10-1	21718	21718	22966	22134	3.25	cps
Boron	11-1	95890	98978	99649	98172	2.04	cps
Bromine	81-1	83861	85794	86170	85275	1.45	cps
Cadmium	111-1	11116	10878	10938	10977	1.13	cps
Cadmium	106-1	8928	9245	9420	9198	2.71	cps
Cadmium	108-1	771	821	946	846	10.66	cps
Calcium	43-1	2549016	2467074	2423847	2479979	2.56	cps
Calcium	44-1	39950544	38651653	39605531	39402576	1.71	cps
Carbon	12-1	10157623	10432416	10276091	10288710	1.34	cps
Carbon	12-2	100595	99034	98539	99389	1.08	cps
Chlorine	35-1	137610407	153004603	159678270	150097760	7.54	cps
Chlorine	35-2	1069003	1081234	1103605	1084614	1.62	cps
Chromium	52-2	148722	146131	146112	146988	1.02	cps
Cobalt	59-2	148330	147171	144897	146799	1.19	cps
Copper	63-2	293098	291140	288931	291056	0.72	cps
Dysprosium	156-1	159356	160117	160924	160132	0.49	cps
Dysprosium	156-2	49957	49696	49438	49697	0.52	cps
Erbium	164-1	122273	124070	122386	122910	0.82	cps
Erbium	164-2	42097	41351	41374	41608	1.02	cps
Gadolinium	160-1	136851	134898	135462	135737	0.74	cps
Gadolinium	160-2	53065	53461	52607	53044	0.81	cps
Holmium	165-1	15303356	16372490	16650663	16108836	4.42	cps
Holmium	165-2	5930698	5881397	6365667	6059254	4.40	cps
Indium	115-1	13727775	14517983	15079359	14441706	4.70	cps
Indium	115-2	1907331	2012447	2085611	2001796	4.48	cps
Iron	54-2	11619818	11400881	11733568	11584755	1.46	cps
Iron	56-2	211437277	209252905	205146627	208612269	1.53	cps
Iron	57-2	5298039	5343000	5367464	5336168	0.66	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-09	Instrumnet Name :	P8
Client Sample ID :	MH1PX9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:38:59	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13844	13679	13395	13639	1.67	cps
Lead	206-1	1619702	1661479	1574254	1618478	2.70	cps
Lead	207-1	1352409	1329766	1367316	1349830	1.40	cps
Lead	208-1	6442889	6303255	6413814	6386653	1.15	cps
Lithium	6-1	8863126	9036864	9639437	9179809	4.44	cps
Magnesium	24-2	3651834	3611632	3610841	3624769	0.65	cps
Manganese	55-2	2815244	2683672	2757278	2752065	2.40	cps
Molybdenum	94-1	57194	59118	55370	57227	3.28	cps
Molybdenum	95-1	41847	40878	39749	40825	2.57	cps
Molybdenum	96-1	64929	64627	63722	64426	0.97	cps
Molybdenum	97-1	25800	25173	25783	25585	1.39	cps
Molybdenum	98-1	65422	66544	65087	65684	1.16	cps
Neodymium	150-1	258380	249755	255398	254511	1.72	cps
Neodymium	150-2	65874	66414	65972	66087	0.44	cps
Nickel	60-2	112684	113614	112492	112930	0.53	cps
Phosphorus	31-2	16618	16493	15484	16198	3.84	cps
Potassium	39-2	1473738	1511632	1540840	1508737	2.23	cps
Rhodium	103-1	13346083	13897330	14052501	13765305	2.70	cps
Rhodium	103-2	5032756	5191437	5571896	5265363	5.26	cps
Scandium	45-1	11681272	11627912	12572561	11960582	4.44	cps
Scandium	45-2	298662	310007	325308	311326	4.30	cps
Selenium	82-1	155	280	1097	511	100.15	cps
Selenium	77-2	353	347	380	360	4.90	cps
Selenium	78-2	365	379	333	359	6.57	cps
Silicon	28-1	11704788	11152303	12361418	11739503	5.16	cps
Silver	107-1	9637	9720	9654	9670	0.46	cps
Silver	109-1	9370	9604	8695	9223	5.12	cps
Sodium	23-2	272500	275168	271243	272971	0.73	cps
Strontium	86-1	1009311	1037776	989189	1012092	2.41	cps
Strontium	88-1	8829972	8610025	8563350	8667782	1.64	cps
Sulfur	34-1	489465	489418	484904	487929	0.54	cps
Terbium	159-1	16176517	16821580	17770543	16922880	4.74	cps
Terbium	159-2	5714227	5924487	6316430	5985048	5.11	cps
Thallium	203-1	7911	7861	8236	8003	2.55	cps
Thallium	205-1	18305	19424	17730	18486	4.66	cps
Tin	118-1	102990	106415	107212	105539	2.13	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-09	Instrumnet Name :	P8
Client Sample ID :	MH1PX9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:38:59	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	862744	856546	864327	861206	0.48	cps
Uranium	238-1	116853	117891	110876	115206	3.29	cps
Vanadium	51-2	356324	357590	360099	358004	0.54	cps
Ytterbium	172-1	35683	34889	36351	35641	2.05	cps
Ytterbium	172-2	15003	13980	13668	14217	4.91	cps
Ytterbium	176-1	23054	23104	24882	23680	4.40	cps
Ytterbium	176-2	15103	15760	16277	15713	3.74	cps
Yttrium	89-1	26165706	27145916	26887860	26733161	1.90	cps
Yttrium	89-2	2429270	2511853	2661337	2534154	4.64	cps
Zinc	66-2	185640	182520	183620	183927	0.86	cps
Zirconium	90-1	90538	90411	90347	90432	0.11	cps
Zirconium	91-1	21283	19906	19673	20288	4.29	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:41:55	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2378061	2391779	2461364	2410401	1.85	cps
Antimony	121-1	83414	84360	82123	83299	1.35	cps
Arsenic	75-2	13250	13257	13097	13201	0.68	cps
Barium	135-1	2572796	2675762	2617429	2621995	1.97	cps
Barium	137-1	4421945	4515553	4490222	4475907	1.08	cps
Beryllium	9-1	11448	11324	11470	11414	0.69	cps
Bismuth	209-1	9740311	9896824	9626151	9754428	1.39	cps
Bismuth	209-2	4195983	3955681	4193065	4114910	3.35	cps
Boron	10-1	37182	38816	37758	37919	2.19	cps
Boron	11-1	166027	170323	168822	168391	1.29	cps
Bromine	81-1	93523	92040	88390	91318	2.89	cps
Cadmium	111-1	45299	45899	46479	45892	1.29	cps
Cadmium	106-1	11914	12289	12406	12203	2.11	cps
Cadmium	108-1	3321	3867	3592	3594	7.60	cps
Calcium	43-1	9772610	9900809	9269938	9647785	3.46	cps
Calcium	44-1	155881895	156824302	155311541	156005913	0.49	cps
Carbon	12-1	26081059	26445956	25789251	26105422	1.26	cps
Carbon	12-2	239813	244349	244031	242731	1.04	cps
Chlorine	35-1	128332520	140418228	146965316	138572021	6.82	cps
Chlorine	35-2	954333	955615	972679	960875	1.07	cps
Chromium	52-2	183833	180911	187270	184005	1.73	cps
Cobalt	59-2	131963	126507	126998	128489	2.35	cps
Copper	63-2	953439	955022	939996	949486	0.87	cps
Dysprosium	156-1	137570	136930	133890	136130	1.44	cps
Dysprosium	156-2	41939	42625	41825	42130	1.03	cps
Erbium	164-1	110251	108114	110325	109563	1.15	cps
Erbium	164-2	36614	35591	36440	36215	1.51	cps
Gadolinium	160-1	119493	121074	116375	118981	2.01	cps
Gadolinium	160-2	44454	44528	45170	44717	0.88	cps
Holmium	165-1	16822461	17156054	17303560	17094025	1.44	cps
Holmium	165-2	5874932	6057949	5864828	5932570	1.83	cps
Indium	115-1	15213999	14982981	15424223	15207068	1.45	cps
Indium	115-2	1953939	1967767	1975532	1965746	0.56	cps
Iron	54-2	10543818	10662898	10868132	10691616	1.53	cps
Iron	56-2	192905865	196029965	196177054	195037628	0.95	cps
Iron	57-2	5004245	4824123	4998507	4942292	2.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:41:55	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13291	13610	13276	13392	1.41	cps
Lead	206-1	11673412	11811400	11238048	11574286	2.59	cps
Lead	207-1	9718910	9705019	9603988	9675972	0.65	cps
Lead	208-1	45405322	45713769	44577757	45232283	1.30	cps
Lithium	6-1	10048345	9621659	9583358	9751121	2.65	cps
Magnesium	24-2	3726615	3758608	3805111	3763444	1.05	cps
Manganese	55-2	2655139	2691982	2710798	2685973	1.05	cps
Molybdenum	94-1	46069	43912	44906	44962	2.40	cps
Molybdenum	95-1	50175	50501	49113	49929	1.45	cps
Molybdenum	96-1	70724	70380	67884	69663	2.23	cps
Molybdenum	97-1	32163	31144	30200	31169	3.15	cps
Molybdenum	98-1	80610	78448	76135	78398	2.85	cps
Neodymium	150-1	220484	217614	214443	217514	1.39	cps
Neodymium	150-2	56228	55943	54812	55661	1.35	cps
Nickel	60-2	98623	95748	97389	97253	1.48	cps
Phosphorus	31-2	61248	59130	60938	60439	1.89	cps
Potassium	39-2	1740754	1689612	1687625	1705997	1.77	cps
Rhodium	103-1	13793437	13786146	14190026	13923203	1.66	cps
Rhodium	103-2	5186309	5268239	5199733	5218094	0.84	cps
Scandium	45-1	12578329	12238549	12781299	12532726	2.19	cps
Scandium	45-2	302777	301583	307472	303944	1.02	cps
Selenium	82-1	1448	1271	1658	1459	13.27	cps
Selenium	77-2	323	297	280	300	7.29	cps
Selenium	78-2	365	403	398	389	5.31	cps
Silicon	28-1	12079873	12019188	11695411	11931491	1.73	cps
Silver	107-1	52669	53371	53413	53151	0.79	cps
Silver	109-1	50260	51095	52308	51221	2.01	cps
Sodium	23-2	534355	554287	548950	545864	1.89	cps
Strontium	86-1	3876963	3923185	3659083	3819744	3.69	cps
Strontium	88-1	32723830	32450158	31173863	32115950	2.58	cps
Sulfur	34-1	729529	740671	727911	732704	0.95	cps
Terbium	159-1	17513080	18134951	17496434	17714821	2.05	cps
Terbium	159-2	5909852	5870818	5993886	5924852	1.06	cps
Thallium	203-1	7894	8845	8503	8414	5.72	cps
Thallium	205-1	20425	20400	20058	20294	1.01	cps
Tin	118-1	346180	340566	339696	342147	1.03	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-03	Instrumnet Name :	P8
Client Sample ID :	MH1PX3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:41:55	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	895243	909533	898328	901035	0.83	cps
Uranium	238-1	255426	270140	256722	260763	3.12	cps
Vanadium	51-2	376590	373159	370706	373485	0.79	cps
Ytterbium	172-1	32173	31981	31973	32042	0.35	cps
Ytterbium	172-2	11739	12562	12451	12250	3.65	cps
Ytterbium	176-1	21451	22111	21835	21799	1.52	cps
Ytterbium	176-2	14720	14047	14525	14430	2.40	cps
Yttrium	89-1	27486550	27498965	26396391	27127302	2.33	cps
Yttrium	89-2	2501849	2463529	2486567	2483982	0.78	cps
Zinc	66-2	1007482	981489	991284	993418	1.32	cps
Zirconium	90-1	47551	44923	44915	45796	3.32	cps
Zirconium	91-1	9854	9629	10321	9934	3.55	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-10	Instrumnet Name :	P8
Client Sample ID :	MH1PY0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:44:48	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3066766	3192351	3151830	3136982	2.04	cps
Antimony	121-1	434471	442484	437433	438129	0.92	cps
Arsenic	75-2	16186	16348	16153	16229	0.64	cps
Barium	135-1	3072528	3096275	3092373	3087059	0.41	cps
Barium	137-1	5279758	5278603	5276539	5278300	0.03	cps
Beryllium	9-1	15867	15575	15579	15674	1.07	cps
Bismuth	209-1	9986592	9975765	9714434	9892264	1.56	cps
Bismuth	209-2	3958658	4010617	4140988	4036754	2.33	cps
Boron	10-1	31925	34241	35458	33875	5.30	cps
Boron	11-1	141592	146905	153100	147199	3.91	cps
Bromine	81-1	85826	84197	83498	84507	1.41	cps
Cadmium	111-1	54455	55253	55982	55230	1.38	cps
Cadmium	106-1	13832	13941	13907	13893	0.40	cps
Cadmium	108-1	4422	4417	4151	4330	3.59	cps
Calcium	43-1	7044709	6924695	6876733	6948712	1.25	cps
Calcium	44-1	110986904	112862351	110657539	111502265	1.07	cps
Carbon	12-1	16336812	16030085	16715715	16360871	2.10	cps
Carbon	12-2	151873	152529	155639	153347	1.31	cps
Chlorine	35-1	130176203	146503632	154673074	143784303	8.67	cps
Chlorine	35-2	995612	1011476	1047730	1018273	2.62	cps
Chromium	52-2	244744	244945	248264	245985	0.80	cps
Cobalt	59-2	182008	182552	181994	182185	0.17	cps
Copper	63-2	1314364	1310918	1325841	1317041	0.59	cps
Dysprosium	156-1	168956	172142	169757	170285	0.97	cps
Dysprosium	156-2	52757	53852	51710	52773	2.03	cps
Erbium	164-1	136168	130994	133963	133709	1.94	cps
Erbium	164-2	44949	44264	43762	44325	1.34	cps
Gadolinium	160-1	147669	143159	144902	145243	1.57	cps
Gadolinium	160-2	55900	55964	55800	55888	0.15	cps
Holmium	165-1	17079380	16583285	16767745	16810137	1.49	cps
Holmium	165-2	5848518	6033954	5846190	5909554	1.82	cps
Indium	115-1	15206218	15103979	15464076	15258091	1.22	cps
Indium	115-2	1943202	1964646	1901165	1936338	1.67	cps
Iron	54-2	15516232	15466016	15462878	15481709	0.19	cps
Iron	56-2	287214162	290798173	280788151	286266829	1.77	cps
Iron	57-2	7191784	7135525	6980192	7102500	1.54	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-10	Instrumnet Name :	P8
Client Sample ID :	MH1PY0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:44:48	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13203	13387	13625	13405	1.58	cps
Lead	206-1	12238437	11860760	11864377	11987858	1.81	cps
Lead	207-1	10146827	10080435	9895370	10040877	1.30	cps
Lead	208-1	47564313	47776741	46488727	47276593	1.46	cps
Lithium	6-1	9775698	9387918	9457656	9540424	2.17	cps
Magnesium	24-2	4548438	4672947	4606614	4609333	1.35	cps
Manganese	55-2	4657190	4583346	4632307	4624281	0.81	cps
Molybdenum	94-1	64224	65071	63371	64222	1.32	cps
Molybdenum	95-1	50995	49539	51504	50679	2.01	cps
Molybdenum	96-1	79613	80996	80443	80351	0.87	cps
Molybdenum	97-1	31704	31445	31470	31539	0.45	cps
Molybdenum	98-1	78573	79320	79989	79294	0.89	cps
Neodymium	150-1	277206	279343	274677	277075	0.84	cps
Neodymium	150-2	71463	69724	70572	70586	1.23	cps
Nickel	60-2	120886	120245	121048	120726	0.35	cps
Phosphorus	31-2	40633	40716	38970	40106	2.46	cps
Potassium	39-2	1904285	1872670	1953045	1910000	2.12	cps
Rhodium	103-1	13645437	14082848	14025099	13917795	1.71	cps
Rhodium	103-2	5264179	5260923	5028381	5184494	2.61	cps
Scandium	45-1	12222044	12380944	12452648	12351879	0.96	cps
Scandium	45-2	300879	304760	308378	304672	1.23	cps
Selenium	82-1	1224	998	1209	1143	11.01	cps
Selenium	77-2	383	343	457	394	14.57	cps
Selenium	78-2	383	408	372	388	4.76	cps
Silicon	28-1	16136039	16194337	15938815	16089731	0.83	cps
Silver	107-1	76455	75843	72106	74801	3.15	cps
Silver	109-1	68723	70089	67382	68731	1.97	cps
Sodium	23-2	344172	358374	353010	351852	2.04	cps
Strontium	86-1	2574790	2607813	2539510	2574038	1.33	cps
Strontium	88-1	21870012	21417727	21815005	21700914	1.14	cps
Sulfur	34-1	569148	588960	573256	577121	1.81	cps
Terbium	159-1	17717288	17862946	17734658	17771631	0.45	cps
Terbium	159-2	6156846	6010547	5885453	6017616	2.26	cps
Thallium	203-1	10488	10755	10321	10521	2.08	cps
Thallium	205-1	25342	26002	23973	25106	4.12	cps
Tin	118-1	343996	353361	349259	348872	1.35	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-10	Instrumnet Name :	P8
Client Sample ID :	MH1PY0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:44:48	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1650534	1718223	1663781	1677513	2.14	cps
Uranium	238-1	264320	272848	270064	269077	1.62	cps
Vanadium	51-2	434687	430005	430378	431690	0.60	cps
Ytterbium	172-1	40429	40120	38549	39699	2.54	cps
Ytterbium	172-2	16227	15927	15615	15923	1.92	cps
Ytterbium	176-1	26077	28198	26811	27029	3.99	cps
Ytterbium	176-2	16066	16978	16778	16607	2.89	cps
Yttrium	89-1	27918925	27687745	28027706	27878125	0.62	cps
Yttrium	89-2	2558296	2567219	2519411	2548309	1.00	cps
Zinc	66-2	1358425	1358347	1346246	1354339	0.52	cps
Zirconium	90-1	95109	94471	95946	95176	0.78	cps
Zirconium	91-1	21175	21517	20608	21100	2.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-11	Instrumnet Name :	P8
Client Sample ID :	MH1PY1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:47:44	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3159375	2959672	2981890	3033645	3.61	cps
Antimony	121-1	150652	148915	148595	149387	0.74	cps
Arsenic	75-2	16913	17453	17319	17228	1.63	cps
Barium	135-1	2851043	2792021	2853444	2832170	1.23	cps
Barium	137-1	4907076	4934960	4835597	4892544	1.05	cps
Beryllium	9-1	15889	15905	15731	15842	0.61	cps
Bismuth	209-1	9620170	9962787	9913163	9832040	1.88	cps
Bismuth	209-2	4165568	4203177	4106670	4158472	1.17	cps
Boron	10-1	31780	34971	34574	33775	5.15	cps
Boron	11-1	144834	152440	152006	149760	2.85	cps
Bromine	81-1	84052	81214	85401	83556	2.56	cps
Cadmium	111-1	55545	55775	55599	55640	0.22	cps
Cadmium	106-1	13657	13624	13782	13688	0.61	cps
Cadmium	108-1	4255	4209	4130	4198	1.51	cps
Calcium	43-1	6442288	6434230	6435570	6437363	0.07	cps
Calcium	44-1	108472050	103771123	104532424	105591866	2.39	cps
Carbon	12-1	15219845	15598196	15867984	15562008	2.09	cps
Carbon	12-2	146587	141934	145113	144544	1.65	cps
Chlorine	35-1	134142016	143967566	149967749	142692443	5.60	cps
Chlorine	35-2	966583	970142	989389	975371	1.26	cps
Chromium	52-2	229432	223204	218848	223828	2.38	cps
Cobalt	59-2	181446	182158	180771	181458	0.38	cps
Copper	63-2	1354066	1322709	1318995	1331923	1.45	cps
Dysprosium	156-1	161727	161891	160614	161411	0.43	cps
Dysprosium	156-2	50372	50043	49010	49808	1.43	cps
Erbium	164-1	130946	125863	124972	127260	2.53	cps
Erbium	164-2	42287	42531	41027	41948	1.93	cps
Gadolinium	160-1	139655	136731	140456	138947	1.41	cps
Gadolinium	160-2	51028	52139	52399	51855	1.40	cps
Holmium	165-1	16987114	16860662	16746257	16864678	0.71	cps
Holmium	165-2	5730133	5776663	5729801	5745532	0.47	cps
Indium	115-1	15326788	15292619	14976898	15198769	1.27	cps
Indium	115-2	1922870	1899626	1892638	1905045	0.83	cps
Iron	54-2	15904176	15720297	15694252	15772909	0.73	cps
Iron	56-2	294042973	278371501	288339795	286918090	2.76	cps
Iron	57-2	7247051	7069205	6938124	7084793	2.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-11	Instrumnet Name :	P8
Client Sample ID :	MH1PY1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:47:44	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13043	13315	13490	13283	1.69	cps
Lead	206-1	13429612	13081901	12930699	13147404	1.95	cps
Lead	207-1	11508580	11404051	11094868	11335833	1.90	cps
Lead	208-1	52754695	51979098	52096241	52276678	0.80	cps
Lithium	6-1	9779486	9405707	9437947	9541047	2.17	cps
Magnesium	24-2	4275497	4024332	4001313	4100381	3.71	cps
Manganese	55-2	4921282	4783975	4858861	4854706	1.42	cps
Molybdenum	94-1	59863	58934	58457	59085	1.21	cps
Molybdenum	95-1	50393	50777	49154	50108	1.69	cps
Molybdenum	96-1	78349	79806	79841	79332	1.07	cps
Molybdenum	97-1	30843	31011	30542	30799	0.77	cps
Molybdenum	98-1	77652	78095	79209	78319	1.02	cps
Neodymium	150-1	258001	257214	255164	256793	0.57	cps
Neodymium	150-2	68193	65902	64498	66198	2.82	cps
Nickel	60-2	126814	124907	125896	125872	0.76	cps
Phosphorus	31-2	42271	40716	41594	41527	1.88	cps
Potassium	39-2	1951640	1907976	1918670	1926095	1.18	cps
Rhodium	103-1	13953983	14114495	14037713	14035397	0.57	cps
Rhodium	103-2	5028048	5114792	5073223	5072021	0.86	cps
Scandium	45-1	12237608	12300034	12516001	12351214	1.18	cps
Scandium	45-2	306529	306822	297917	303756	1.67	cps
Selenium	82-1	977	1422	1202	1201	18.55	cps
Selenium	77-2	367	313	370	350	9.09	cps
Selenium	78-2	398	403	377	393	3.51	cps
Silicon	28-1	16038016	15932414	16058877	16009769	0.42	cps
Silver	107-1	88277	90550	87865	88897	1.63	cps
Silver	109-1	86892	84948	84250	85363	1.60	cps
Sodium	23-2	329501	331542	321174	327406	1.68	cps
Strontium	86-1	2666744	2634441	2569016	2623400	1.90	cps
Strontium	88-1	22054443	21360944	21872691	21762693	1.65	cps
Sulfur	34-1	566043	563800	562707	564183	0.30	cps
Terbium	159-1	17592881	18364871	17248273	17735341	3.22	cps
Terbium	159-2	5738534	5890526	5928684	5852582	1.72	cps
Thallium	203-1	10646	10488	10146	10427	2.45	cps
Thallium	205-1	24816	23647	23923	24129	2.53	cps
Tin	118-1	421318	424754	416661	420911	0.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-11	Instrumnet Name :	P8
Client Sample ID :	MH1PY1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:47:44	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1366263	1358917	1322035	1349072	1.76	cps
Uranium	238-1	229365	234293	231568	231742	1.07	cps
Vanadium	51-2	400963	400563	396222	399249	0.66	cps
Ytterbium	172-1	38298	38189	37705	38064	0.83	cps
Ytterbium	172-2	14797	15337	14708	14948	2.28	cps
Ytterbium	176-1	25175	26168	25926	25756	2.01	cps
Ytterbium	176-2	15999	16839	16321	16386	2.59	cps
Yttrium	89-1	27800063	27635133	27683305	27706167	0.31	cps
Yttrium	89-2	2414655	2428122	2472967	2438581	1.25	cps
Zinc	66-2	1575485	1544971	1562461	1560972	0.98	cps
Zirconium	90-1	83091	83082	83535	83236	0.31	cps
Zirconium	91-1	19290	18780	18913	18994	1.39	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-12	Instrumnet Name :	P8
Client Sample ID :	MH1PY2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:50:38	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3654523	3669370	3561927	3628607	1.60	cps
Antimony	121-1	122018	120057	124610	122228	1.87	cps
Arsenic	75-2	26808	26536	26171	26505	1.21	cps
Barium	135-1	3010452	2958899	2983193	2984181	0.86	cps
Barium	137-1	5114969	5013454	5214192	5114205	1.96	cps
Beryllium	9-1	20322	20426	20286	20345	0.36	cps
Bismuth	209-1	9357236	9809792	9683749	9616926	2.43	cps
Bismuth	209-2	4052050	4089857	4018423	4053443	0.88	cps
Boron	10-1	33813	34510	35743	34688	2.82	cps
Boron	11-1	153390	165791	161170	160117	3.91	cps
Bromine	81-1	89700	93591	88785	90692	2.81	cps
Cadmium	111-1	70011	68773	70581	69788	1.32	cps
Cadmium	106-1	14767	14775	14600	14714	0.67	cps
Cadmium	108-1	5351	5080	5205	5212	2.60	cps
Calcium	43-1	7014947	7180968	7348259	7181391	2.32	cps
Calcium	44-1	111874895	113880276	117520437	114425203	2.50	cps
Carbon	12-1	14012726	13803147	13743262	13853045	1.02	cps
Carbon	12-2	129889	127896	127451	128412	1.01	cps
Chlorine	35-1	132006870	146896107	154040578	144314519	7.79	cps
Chlorine	35-2	985305	1002248	1018693	1002082	1.67	cps
Chromium	52-2	214932	217082	209471	213828	1.83	cps
Cobalt	59-2	208269	210981	208827	209359	0.68	cps
Copper	63-2	1565435	1537945	1557299	1553560	0.91	cps
Dysprosium	156-1	188337	189510	190308	189385	0.52	cps
Dysprosium	156-2	59181	59161	58645	58995	0.52	cps
Erbium	164-1	152625	150920	153457	152334	0.85	cps
Erbium	164-2	51031	50569	50382	50661	0.66	cps
Gadolinium	160-1	166022	162783	166046	164951	1.14	cps
Gadolinium	160-2	63876	62808	62108	62931	1.41	cps
Holmium	165-1	16371712	16435309	16622301	16476441	0.79	cps
Holmium	165-2	5876484	5807326	5812701	5832170	0.66	cps
Indium	115-1	14430249	15361174	15012249	14934557	3.15	cps
Indium	115-2	1907264	1935961	1923393	1922206	0.75	cps
Iron	54-2	18021168	17827700	17854193	17901020	0.59	cps
Iron	56-2	327516418	323548563	336172585	329079189	1.96	cps
Iron	57-2	8322533	8332709	8414862	8356701	0.61	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-12	Instrumnet Name :	P8
Client Sample ID :	MH1PY2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:50:38	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13570	13490	13829	13629	1.30	cps
Lead	206-1	13921233	14321185	14142939	14128452	1.42	cps
Lead	207-1	12200842	11958542	12083818	12081067	1.00	cps
Lead	208-1	55656255	56812314	56141282	56203284	1.03	cps
Lithium	6-1	9476509	9574009	9321541	9457353	1.35	cps
Magnesium	24-2	4716124	4740047	4548802	4668324	2.23	cps
Manganese	55-2	5404424	5314750	5515473	5411549	1.86	cps
Molybdenum	94-1	72900	71686	72424	72337	0.85	cps
Molybdenum	95-1	49958	52375	51312	51215	2.37	cps
Molybdenum	96-1	87770	88735	85440	87315	1.94	cps
Molybdenum	97-1	32915	32339	31837	32363	1.67	cps
Molybdenum	98-1	80619	78808	78481	79302	1.45	cps
Neodymium	150-1	302961	297976	306992	302643	1.49	cps
Neodymium	150-2	78784	78191	77343	78106	0.93	cps
Nickel	60-2	137061	135035	136580	136225	0.78	cps
Phosphorus	31-2	38461	37357	37616	37811	1.53	cps
Potassium	39-2	1669071	1697360	1696579	1687670	0.95	cps
Rhodium	103-1	12854348	13679703	13629777	13387943	3.46	cps
Rhodium	103-2	5062284	5193817	5027628	5094576	1.72	cps
Scandium	45-1	12222577	12727700	12757341	12569206	2.39	cps
Scandium	45-2	306410	305690	302624	304908	0.66	cps
Selenium	82-1	920	1225	738	961	25.60	cps
Selenium	77-2	440	383	397	407	7.29	cps
Selenium	78-2	440	423	450	438	3.12	cps
Silicon	28-1	12737901	12785414	12782308	12768541	0.21	cps
Silver	107-1	121041	124510	119232	121594	2.21	cps
Silver	109-1	113055	114065	117015	114712	1.79	cps
Sodium	23-2	528249	520090	521756	523365	0.82	cps
Strontium	86-1	2935229	2860007	2901863	2899033	1.30	cps
Strontium	88-1	25267429	25310784	24917532	25165248	0.86	cps
Sulfur	34-1	558423	560492	562703	560540	0.38	cps
Terbium	159-1	16934509	17218627	17947987	17367041	3.01	cps
Terbium	159-2	5785013	5803317	5843391	5810574	0.51	cps
Thallium	203-1	13015	12557	13783	13118	4.72	cps
Thallium	205-1	30044	30670	30879	30531	1.42	cps
Tin	118-1	502037	507402	515187	508209	1.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-12	Instrumnet Name :	P8
Client Sample ID :	MH1PY2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:50:38	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1485797	1524391	1472661	1494283	1.80	cps
Uranium	238-1	254629	245538	245404	248524	2.13	cps
Vanadium	51-2	473948	472592	470230	472257	0.40	cps
Ytterbium	172-1	47763	47043	46182	46996	1.68	cps
Ytterbium	172-2	18246	18152	17595	17998	1.95	cps
Ytterbium	176-1	31998	30495	30870	31121	2.51	cps
Ytterbium	176-2	17940	18964	18819	18574	2.98	cps
Yttrium	89-1	27156787	27898795	27413525	27489702	1.37	cps
Yttrium	89-2	2518528	2541567	2519610	2526568	0.51	cps
Zinc	66-2	1457968	1407520	1436664	1434051	1.77	cps
Zirconium	90-1	122882	124373	117688	121648	2.88	cps
Zirconium	91-1	27662	27244	27887	27597	1.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:53:33	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4907624	4653991	4718869	4760161	2.77	cps
Antimony	121-1	5203758	5072465	5199593	5158605	1.45	cps
Arsenic	75-2	142341	143805	139332	141826	1.61	cps
Barium	135-1	7750150	7471479	7535197	7585609	1.92	cps
Barium	137-1	12858638	13152232	12845676	12952182	1.34	cps
Beryllium	9-1	2480721	2627468	2511073	2539754	3.05	cps
Bismuth	209-1	8887384	8895768	8936558	8906570	0.30	cps
Bismuth	209-2	3827912	3718080	3824167	3790053	1.65	cps
Boron	10-1	435703	459482	465635	453607	3.48	cps
Boron	11-1	1924192	1951549	1892231	1922657	1.54	cps
Bromine	81-1	69778	67514	71822	69705	3.09	cps
Cadmium	111-1	1628838	1631219	1662723	1640926	1.15	cps
Cadmium	106-1	197717	196497	196871	197028	0.32	cps
Cadmium	108-1	133830	138211	133737	135260	1.89	cps
Calcium	43-1	12491305	12586683	12625650	12567879	0.55	cps
Calcium	44-1	202012742	200806767	200590530	201136680	0.38	cps
Carbon	12-1	12748717	12679258	13002531	12810168	1.33	cps
Carbon	12-2	127786	133900	132832	131506	2.48	cps
Chlorine	35-1	28270324	27853793	26799801	27641306	2.74	cps
Chlorine	35-2	159044	148769	138552	148788	6.89	cps
Chromium	52-2	1578157	1585634	1511953	1558581	2.60	cps
Cobalt	59-2	2731311	2719699	2692725	2714578	0.73	cps
Copper	63-2	22952175	23074812	22359997	22795661	1.68	cps
Dysprosium	156-1	1100	925	983	1003	8.89	cps
Dysprosium	156-2	237	223	310	257	18.18	cps
Erbium	164-1	217	242	225	228	5.59	cps
Erbium	164-2	50	90	60	67	31.22	cps
Gadolinium	160-1	725	767	617	703	11.02	cps
Gadolinium	160-2	380	303	313	332	12.55	cps
Holmium	165-1	16986192	17132396	17291116	17136568	0.89	cps
Holmium	165-2	5877370	5978447	5911487	5922435	0.87	cps
Indium	115-1	14414344	14512747	14664740	14530611	0.87	cps
Indium	115-2	1876247	1866480	1879676	1874135	0.37	cps
Iron	54-2	16205840	16253975	16370654	16276823	0.52	cps
Iron	56-2	304376496	305310885	304193107	304626829	0.20	cps
Iron	57-2	7721763	7690797	7629386	7680649	0.61	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:53:33	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12640	12957	12753	12783	1.25	cps
Lead	206-1	20918650	20919425	19868185	20568753	2.95	cps
Lead	207-1	18124774	18375347	17770538	18090220	1.68	cps
Lead	208-1	82958525	83726058	81825183	82836589	1.15	cps
Lithium	6-1	9122752	9200659	8880529	9067980	1.84	cps
Magnesium	24-2	64471124	61390603	61588928	62483552	2.76	cps
Manganese	55-2	8414072	8587779	8610482	8537444	1.26	cps
Molybdenum	94-1	23506592	23186201	23256056	23316283	0.72	cps
Molybdenum	95-1	34443666	33432113	33008581	33628120	2.19	cps
Molybdenum	96-1	37196662	36403110	35793510	36464428	1.93	cps
Molybdenum	97-1	20535372	20308619	20164086	20336026	0.92	cps
Molybdenum	98-1	53598155	51513988	52772030	52628058	1.99	cps
Neodymium	150-1	633	660	647	647	2.06	cps
Neodymium	150-2	37	53	53	48	20.13	cps
Nickel	60-2	754491	775575	750172	760079	1.79	cps
Phosphorus	31-2	56435	52680	55190	54768	3.49	cps
Potassium	39-2	23376115	24196669	23068237	23547007	2.48	cps
Rhodium	103-1	12807126	13157143	12940286	12968185	1.36	cps
Rhodium	103-2	4880482	4833102	4669048	4794211	2.31	cps
Scandium	45-1	12064715	11993811	11622677	11893734	2.00	cps
Scandium	45-2	295681	293813	292770	294088	0.50	cps
Selenium	82-1	149238	148801	147835	148625	0.48	cps
Selenium	77-2	3707	3631	3777	3705	1.98	cps
Selenium	78-2	12409	12566	12372	12449	0.83	cps
Silicon	28-1	20687482	21002150	21412515	21034049	1.73	cps
Silver	107-1	9012122	8792528	8711595	8838748	1.76	cps
Silver	109-1	8195300	8508087	8170409	8291266	2.27	cps
Sodium	23-2	120477253	116492457	118030494	118333401	1.70	cps
Strontium	86-1	2381412	2423513	2425835	2410253	1.04	cps
Strontium	88-1	20818300	21065824	20341429	20741851	1.78	cps
Sulfur	34-1	1213592	1246476	1221236	1227101	1.40	cps
Terbium	159-1	17758049	17735257	17549236	17680847	0.65	cps
Terbium	159-2	5944232	5929287	5803828	5892449	1.31	cps
Thallium	203-1	5012681	5432615	4972122	5139139	4.96	cps
Thallium	205-1	12107533	12404729	12060766	12191010	1.53	cps
Tin	118-1	5299695	5124948	5246194	5223612	1.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 16:53:33	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11201338	11298636	11184042	11228005	0.55	cps
Uranium	238-1	16279446	16882749	16956718	16706304	2.22	cps
Vanadium	51-2	1247267	1226720	1191418	1221802	2.31	cps
Ytterbium	172-1	175	217	192	194	10.78	cps
Ytterbium	172-2	89	83	56	76	23.52	cps
Ytterbium	176-1	25200	25175	26335	25570	2.59	cps
Ytterbium	176-2	15665	15142	15176	15328	1.91	cps
Yttrium	89-1	25313240	25414686	25251662	25326530	0.33	cps
Yttrium	89-2	2271613	2282932	2243863	2266136	0.89	cps
Zinc	66-2	2615722	2625519	2593316	2611519	0.63	cps
Zirconium	90-1	12169116	11927309	12044063	12046829	1.00	cps
Zirconium	91-1	2773850	2796478	2772704	2781011	0.48	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : CCB90 Instrumnet Name : P8
 Client Sample ID : CCB90 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 17:03:37 DataFile Name : 082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	411	465	390	422	9.16	cps
Antimony	121-1	350	492	650	497	30.18	cps
Arsenic	75-2	5	5	6	5	10.83	cps
Barium	135-1	117	50	100	89	39.03	cps
Barium	137-1	150	233	200	194	21.57	cps
Beryllium	9-1	64	62	46	57	17.21	cps
Bismuth	209-1	9408307	9503606	9416984	9442965	0.56	cps
Bismuth	209-2	4021360	4043082	4028160	4030867	0.28	cps
Boron	10-1	8933	8839	8651	8808	1.63	cps
Boron	11-1	38583	38700	37118	38133	2.31	cps
Bromine	81-1	71400	67306	66118	68275	4.06	cps
Cadmium	111-1	1317	1250	1226	1264	3.74	cps
Cadmium	106-1	6252	6035	5968	6085	2.44	cps
Cadmium	108-1	42	33	38	38	11.12	cps
Calcium	43-1	354	345	325	341	4.32	cps
Calcium	44-1	14465	14279	14232	14326	0.86	cps
Carbon	12-1	8626712	8960892	9237962	8941855	3.42	cps
Carbon	12-2	93640	93640	94462	93914	0.51	cps
Chlorine	35-1	4206259	3997192	3955389	4052947	3.32	cps
Chlorine	35-2	24830	24012	22919	23920	4.01	cps
Chromium	52-2	1197	1273	1180	1217	4.09	cps
Cobalt	59-2	100	83	90	91	9.21	cps
Copper	63-2	1240	1170	1183	1198	3.10	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	117	133	142	131	9.75	cps
Erbium	164-2	37	70	30	46	47.04	cps
Gadolinium	160-1	108	108	100	106	4.56	cps
Gadolinium	160-2	80	97	103	93	12.88	cps
Holmium	165-1	15644582	15547578	15084457	15425539	1.94	cps
Holmium	165-2	5790203	5521460	5476222	5595962	3.03	cps
Indium	115-1	14083979	14107705	14018897	14070194	0.33	cps
Indium	115-2	1867159	1877948	1886917	1877341	0.53	cps
Iron	54-2	917	1022	950	963	5.60	cps
Iron	56-2	9959	9492	10037	9829	3.00	cps
Iron	57-2	256	250	211	239	10.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:03:37	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12575	12380	12041	12332	2.19	cps
Lead	206-1	1539	1578	1472	1530	3.49	cps
Lead	207-1	1478	1267	1245	1330	9.69	cps
Lead	208-1	6445	6067	5995	6169	3.92	cps
Lithium	6-1	8727543	8686467	8683660	8699223	0.28	cps
Magnesium	24-2	833	775	708	772	8.10	cps
Manganese	55-2	233	233	190	219	11.43	cps
Molybdenum	94-1	558	600	550	569	4.70	cps
Molybdenum	95-1	525	242	325	364	40.02	cps
Molybdenum	96-1	992	783	758	844	15.17	cps
Molybdenum	97-1	317	250	100	222	49.94	cps
Molybdenum	98-1	750	550	483	594	23.35	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	67	63	47	59	18.19	cps
Phosphorus	31-2	167	133	142	147	11.78	cps
Potassium	39-2	16743	17436	17911	17364	3.38	cps
Rhodium	103-1	13430293	13108894	13188635	13242607	1.26	cps
Rhodium	103-2	5011823	4981438	5046286	5013183	0.65	cps
Scandium	45-1	10911917	10785029	10982540	10893162	0.92	cps
Scandium	45-2	275047	282936	276476	278153	1.51	cps
Selenium	82-1	-190	-164	23	-111	-104.93	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	110	107	102	106	3.80	cps
Silicon	28-1	687691	702247	693051	694330	1.06	cps
Silver	107-1	500	383	583	489	20.55	cps
Silver	109-1	392	583	408	461	23.03	cps
Sodium	23-2	22927	22693	22451	22690	1.05	cps
Strontium	86-1	20390	20023	19164	19859	3.17	cps
Strontium	88-1	717	483	642	614	19.40	cps
Sulfur	34-1	371386	370071	373172	371543	0.42	cps
Terbium	159-1	16447199	15484782	15723260	15885080	3.16	cps
Terbium	159-2	5587381	5676763	5556925	5607023	1.11	cps
Thallium	203-1	850	683	733	756	11.32	cps
Thallium	205-1	2034	1884	1892	1936	4.35	cps
Tin	118-1	1959	2000	2134	2031	4.50	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:03:37	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433	367	375	392	9.27	cps
Uranium	238-1	83	75	125	94	28.36	cps
Vanadium	51-2	20	23	17	20	16.65	cps
Ytterbium	172-1	83	83	75	81	5.98	cps
Ytterbium	172-2	28	67	44	46	42.14	cps
Ytterbium	176-1	1875	2125	1967	1989	6.36	cps
Ytterbium	176-2	6707	7030	7280	7006	4.10	cps
Yttrium	89-1	23508542	23225605	23371243	23368463	0.61	cps
Yttrium	89-2	2202614	2195406	2177863	2191961	0.58	cps
Zinc	66-2	203	193	233	210	9.91	cps
Zirconium	90-1	1367	1308	1567	1414	9.58	cps
Zirconium	91-1	258	317	200	258	22.58	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-13	Instrumnet Name :	P8
Client Sample ID :	MH1PY3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:07:26	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3277214	3186394	3202371	3221993	1.50	cps
Antimony	121-1	60442	65148	64679	63423	4.09	cps
Arsenic	75-2	18069	17386	17418	17625	2.19	cps
Barium	135-1	1968598	1988127	2043791	2000172	1.95	cps
Barium	137-1	3437007	3486251	3465888	3463049	0.71	cps
Beryllium	9-1	13279	13147	13630	13352	1.87	cps
Bismuth	209-1	9610241	9707144	9773830	9697071	0.85	cps
Bismuth	209-2	4055066	4194958	4098924	4116316	1.74	cps
Boron	10-1	20430	21139	21602	21057	2.80	cps
Boron	11-1	89451	90767	94949	91723	3.13	cps
Bromine	81-1	87698	87541	87519	87586	0.11	cps
Cadmium	111-1	28056	28145	28435	28212	0.70	cps
Cadmium	106-1	10546	10279	9954	10260	2.89	cps
Cadmium	108-1	2092	2054	2121	2089	1.60	cps
Calcium	43-1	4862331	5056467	5127291	5015363	2.74	cps
Calcium	44-1	77461707	79925906	82197509	79861707	2.97	cps
Carbon	12-1	10769346	10811400	10848256	10809667	0.37	cps
Carbon	12-2	105041	105117	105689	105282	0.34	cps
Chlorine	35-1	78411671	96924671	110338148	95224830	16.83	cps
Chlorine	35-2	812355	857280	889451	853029	4.54	cps
Chromium	52-2	175664	175904	177240	176269	0.48	cps
Cobalt	59-2	166830	163833	168362	166342	1.38	cps
Copper	63-2	632919	616272	622266	623819	1.35	cps
Dysprosium	156-1	181652	186385	185104	184380	1.33	cps
Dysprosium	156-2	59318	56791	57939	58016	2.18	cps
Erbium	164-1	141619	148298	144660	144859	2.31	cps
Erbium	164-2	50309	49438	49663	49803	0.91	cps
Gadolinium	160-1	151618	154770	158163	154850	2.11	cps
Gadolinium	160-2	63759	63180	61150	62696	2.18	cps
Holmium	165-1	16161695	16449834	17051923	16554484	2.74	cps
Holmium	165-2	6110334	5978004	6025900	6038079	1.11	cps
Indium	115-1	14969063	15118729	14912579	15000124	0.71	cps
Indium	115-2	2003361	1947456	1951984	1967600	1.58	cps
Iron	54-2	13720321	14171896	13827508	13906575	1.70	cps
Iron	56-2	256036756	242793428	243765750	247531978	2.98	cps
Iron	57-2	6399497	6310582	6241790	6317290	1.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-13	Instrumnet Name :	P8
Client Sample ID :	MH1PY3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:07:26	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13408	12899	12866	13058	2.33	cps
Lead	206-1	4030628	4145644	4121978	4099417	1.48	cps
Lead	207-1	3534267	3490275	3604882	3543141	1.63	cps
Lead	208-1	16082212	15855917	16382311	16106813	1.64	cps
Lithium	6-1	8783216	9582711	9480035	9281987	4.69	cps
Magnesium	24-2	4602120	4319565	4572750	4498145	3.45	cps
Manganese	55-2	3043615	3025873	2988525	3019338	0.93	cps
Molybdenum	94-1	54056	55821	54817	54898	1.61	cps
Molybdenum	95-1	46453	47666	47850	47323	1.60	cps
Molybdenum	96-1	70899	73177	73262	72446	1.85	cps
Molybdenum	97-1	28346	28680	29440	28822	1.95	cps
Molybdenum	98-1	72783	72616	72960	72786	0.24	cps
Neodymium	150-1	293829	298328	293624	295261	0.90	cps
Neodymium	150-2	77969	78995	78365	78443	0.66	cps
Nickel	60-2	101053	102698	101400	101717	0.85	cps
Phosphorus	31-2	26199	25306	24839	25448	2.72	cps
Potassium	39-2	1527784	1467271	1445330	1480128	2.89	cps
Rhodium	103-1	13850484	13910372	13848362	13869739	0.25	cps
Rhodium	103-2	5182230	5283974	5253047	5239751	1.00	cps
Scandium	45-1	11856341	11988661	12122496	11989166	1.11	cps
Scandium	45-2	310848	304824	311360	309011	1.18	cps
Selenium	82-1	266	871	872	670	52.14	cps
Selenium	77-2	440	390	427	419	6.18	cps
Selenium	78-2	434	405	407	415	3.90	cps
Silicon	28-1	10188972	10383560	10374253	10315595	1.06	cps
Silver	107-1	40844	39967	39507	40106	1.69	cps
Silver	109-1	38630	38103	38864	38532	1.01	cps
Sodium	23-2	375442	366339	380180	373987	1.88	cps
Strontium	86-1	1590143	1542795	1575966	1569634	1.55	cps
Strontium	88-1	13256832	13095459	13636919	13329736	2.09	cps
Sulfur	34-1	471100	471598	467633	470110	0.46	cps
Terbium	159-1	16816866	17572862	17328963	17239563	2.24	cps
Terbium	159-2	6002555	5954944	5893045	5950181	0.92	cps
Thallium	203-1	10780	11380	11347	11169	3.02	cps
Thallium	205-1	25801	26636	26603	26347	1.79	cps
Tin	118-1	159070	165404	164390	162955	2.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-13	Instrumnet Name :	P8
Client Sample ID :	MH1PY3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:07:26	DataFile Name :	083AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	967214	966750	969570	967845	0.16	cps
Uranium	238-1	165007	169018	172131	168719	2.12	cps
Vanadium	51-2	454782	452694	446300	451259	0.98	cps
Ytterbium	172-1	40772	41850	43857	42160	3.71	cps
Ytterbium	172-2	16972	16216	16533	16574	2.29	cps
Ytterbium	176-1	27204	27329	27630	27388	0.80	cps
Ytterbium	176-2	16995	17734	17968	17566	2.89	cps
Yttrium	89-1	27401058	27163697	27469855	27344870	0.59	cps
Yttrium	89-2	2609401	2524538	2552204	2562047	1.69	cps
Zinc	66-2	450112	457007	456856	454658	0.87	cps
Zirconium	90-1	77817	75320	78387	77175	2.11	cps
Zirconium	91-1	17587	17453	17144	17395	1.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-14	Instrumnet Name :	P8
Client Sample ID :	MH1PY4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:10:22	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2987471	2957977	2927798	2957749	1.01	cps
Antimony	121-1	56652	54676	55974	55767	1.80	cps
Arsenic	75-2	10948	10567	10915	10810	1.95	cps
Barium	135-1	2864638	2880845	2851202	2865562	0.52	cps
Barium	137-1	4954728	4859843	5012999	4942523	1.56	cps
Beryllium	9-1	12167	12447	12293	12302	1.14	cps
Bismuth	209-1	9654099	9507808	9329581	9497163	1.71	cps
Bismuth	209-2	4057018	4084337	4148262	4096539	1.14	cps
Boron	10-1	22391	22875	23284	22850	1.96	cps
Boron	11-1	94253	97630	102595	98159	4.27	cps
Bromine	81-1	83075	86413	88205	85898	3.03	cps
Cadmium	111-1	19032	20328	19494	19618	3.35	cps
Cadmium	106-1	10721	9987	10037	10249	4.00	cps
Cadmium	108-1	1738	1792	1842	1790	2.91	cps
Calcium	43-1	7036372	7097950	7192797	7109040	1.11	cps
Calcium	44-1	116292544	116026716	117618666	116645975	0.73	cps
Carbon	12-1	13346610	13396254	13323395	13355420	0.28	cps
Carbon	12-2	126881	127157	125752	126597	0.59	cps
Chlorine	35-1	141200624	159132899	161077908	153803810	7.12	cps
Chlorine	35-2	1089461	1118314	1135945	1114573	2.11	cps
Chromium	52-2	289404	289435	286489	288443	0.59	cps
Cobalt	59-2	166489	165873	165541	165967	0.29	cps
Copper	63-2	565475	559265	563265	562668	0.56	cps
Dysprosium	156-1	175347	177170	174913	175810	0.68	cps
Dysprosium	156-2	55461	57012	54973	55815	1.91	cps
Erbium	164-1	133336	134976	131474	133262	1.32	cps
Erbium	164-2	46227	46097	45641	45988	0.67	cps
Gadolinium	160-1	149478	146478	148482	148146	1.03	cps
Gadolinium	160-2	58006	57845	57266	57706	0.67	cps
Holmium	165-1	16428907	16813399	16848399	16696901	1.39	cps
Holmium	165-2	5982289	6043430	6068164	6031294	0.73	cps
Indium	115-1	14975524	15072172	14514646	14854114	2.01	cps
Indium	115-2	1929723	1937816	1985969	1951169	1.56	cps
Iron	54-2	14640583	14380091	14160306	14393660	1.67	cps
Iron	56-2	267657728	265915412	263259406	265610849	0.83	cps
Iron	57-2	6706246	6432202	6712601	6617016	2.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-14	Instrumnet Name :	P8
Client Sample ID :	MH1PY4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:10:22	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13704	13555	13475	13578	0.86	cps
Lead	206-1	5008702	5076821	4937562	5007695	1.39	cps
Lead	207-1	4223779	4166505	4169530	4186605	0.77	cps
Lead	208-1	19589511	19474141	19219930	19427861	0.97	cps
Lithium	6-1	9748760	10005600	9427325	9727228	2.98	cps
Magnesium	24-2	4980970	4803180	4878061	4887403	1.83	cps
Manganese	55-2	4220228	4167349	4105513	4164363	1.38	cps
Molybdenum	94-1	63296	64484	63830	63870	0.93	cps
Molybdenum	95-1	47340	49756	48962	48686	2.53	cps
Molybdenum	96-1	75465	79815	76185	77155	3.02	cps
Molybdenum	97-1	29691	30342	29282	29772	1.80	cps
Molybdenum	98-1	76077	75414	78992	76828	2.48	cps
Neodymium	150-1	280179	285287	284865	283444	1.00	cps
Neodymium	150-2	78257	75716	75791	76588	1.89	cps
Nickel	60-2	116353	117207	115885	116482	0.58	cps
Phosphorus	31-2	23052	22477	23094	22874	1.51	cps
Potassium	39-2	1584118	1580879	1602968	1589322	0.75	cps
Rhodium	103-1	13983046	13867360	14223898	14024768	1.30	cps
Rhodium	103-2	5198946	5045184	5283607	5175912	2.34	cps
Scandium	45-1	12529558	12590188	12618917	12579555	0.36	cps
Scandium	45-2	310853	317865	312768	313829	1.15	cps
Selenium	82-1	663	701	746	703	5.88	cps
Selenium	77-2	407	413	367	396	6.38	cps
Selenium	78-2	392	383	396	390	1.71	cps
Silicon	28-1	17098670	17084120	16876651	17019814	0.73	cps
Silver	107-1	19281	18037	18913	18744	3.41	cps
Silver	109-1	19022	18188	17979	18396	3.00	cps
Sodium	23-2	423260	416840	419974	420025	0.76	cps
Strontium	86-1	2423954	2351055	2458302	2411104	2.27	cps
Strontium	88-1	20633984	20487090	20183753	20434942	1.12	cps
Sulfur	34-1	539394	543674	539397	540822	0.46	cps
Terbium	159-1	17840443	17578883	17676671	17698666	0.75	cps
Terbium	159-2	6090476	5942334	5905710	5979507	1.64	cps
Thallium	203-1	11155	10505	10555	10738	3.37	cps
Thallium	205-1	24624	25618	25275	25172	2.01	cps
Tin	118-1	156102	155389	155820	155770	0.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-14	Instrumnet Name :	P8
Client Sample ID :	MH1PY4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:10:22	DataFile Name :	084AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2166001	2129045	2185936	2160328	1.34	cps
Uranium	238-1	203637	206151	209305	206364	1.38	cps
Vanadium	51-2	466996	460797	454628	460807	1.34	cps
Ytterbium	172-1	38315	39167	38491	38658	1.16	cps
Ytterbium	172-2	15504	15042	15459	15335	1.66	cps
Ytterbium	176-1	25885	26335	24524	25581	3.69	cps
Ytterbium	176-2	16472	17067	17134	16891	2.16	cps
Yttrium	89-1	28193047	26964817	27088993	27415619	2.47	cps
Yttrium	89-2	2617841	2444236	2548846	2536974	3.45	cps
Zinc	66-2	581068	580983	572867	578306	0.81	cps
Zirconium	90-1	98698	99026	98247	98657	0.40	cps
Zirconium	91-1	22368	22193	21976	22179	0.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-15	Instrumnet Name :	P8
Client Sample ID :	MH1PY5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:13:15	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3389015	3358580	3315880	3354491	1.10	cps
Antimony	121-1	114914	117570	116876	116454	1.18	cps
Arsenic	75-2	19478	19321	19190	19330	0.75	cps
Barium	135-1	3065148	3191648	3158739	3138512	2.09	cps
Barium	137-1	5456268	5394008	5384701	5411659	0.72	cps
Beryllium	9-1	16672	16274	16892	16613	1.89	cps
Bismuth	209-1	9470126	9804456	9991811	9755464	2.71	cps
Bismuth	209-2	4168150	4215379	4096657	4160062	1.44	cps
Boron	10-1	28667	29805	30793	29755	3.58	cps
Boron	11-1	130078	134248	139097	134474	3.36	cps
Bromine	81-1	88223	89774	88408	88802	0.95	cps
Cadmium	111-1	52998	54536	54818	54117	1.81	cps
Cadmium	106-1	14475	14183	14583	14414	1.44	cps
Cadmium	108-1	4255	4167	4267	4230	1.29	cps
Calcium	43-1	9071849	8828104	8968497	8956150	1.37	cps
Calcium	44-1	144677587	140742874	146249067	143889843	1.97	cps
Carbon	12-1	15558687	15750103	15631887	15646892	0.62	cps
Carbon	12-2	146082	146722	145559	146121	0.40	cps
Chlorine	35-1	140306978	158573762	163198312	154026351	7.86	cps
Chlorine	35-2	1069889	1088571	1089010	1082490	1.01	cps
Chromium	52-2	428073	422246	417104	422474	1.30	cps
Cobalt	59-2	213744	210320	215993	213352	1.34	cps
Copper	63-2	1254186	1246263	1228433	1242960	1.06	cps
Dysprosium	156-1	182104	185092	183401	183532	0.82	cps
Dysprosium	156-2	57889	55846	56975	56903	1.80	cps
Erbium	164-1	146760	142509	144562	144610	1.47	cps
Erbium	164-2	49399	48087	47963	48483	1.64	cps
Gadolinium	160-1	155579	153203	155469	154750	0.87	cps
Gadolinium	160-2	60839	61518	59868	60741	1.37	cps
Holmium	165-1	17486392	16625774	16989231	17033799	2.54	cps
Holmium	165-2	6158748	5909696	5897301	5988582	2.46	cps
Indium	115-1	15258744	14936620	15872610	15355991	3.10	cps
Indium	115-2	1986690	2001081	1913543	1967105	2.39	cps
Iron	54-2	18657903	18711896	17900534	18423445	2.46	cps
Iron	56-2	335270885	335603830	339372796	336749170	0.68	cps
Iron	57-2	8368698	8471657	8438497	8426284	0.62	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-15	Instrumnet Name :	P8
Client Sample ID :	MH1PY5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:13:15	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13610	13849	13680	13713	0.90	cps
Lead	206-1	14768790	15910386	14982846	15220674	3.99	cps
Lead	207-1	12522954	12866600	12718453	12702669	1.36	cps
Lead	208-1	59232116	59737819	59590405	59520113	0.44	cps
Lithium	6-1	9601189	9156442	9280328	9345986	2.46	cps
Magnesium	24-2	4644694	4634641	4576076	4618470	0.80	cps
Manganese	55-2	5549203	5552711	5502913	5534942	0.50	cps
Molybdenum	94-1	77015	78471	78179	77888	0.99	cps
Molybdenum	95-1	64852	64149	67063	65355	2.33	cps
Molybdenum	96-1	102370	101966	104260	102866	1.19	cps
Molybdenum	97-1	41136	41513	41613	41421	0.61	cps
Molybdenum	98-1	105039	104403	105484	104975	0.52	cps
Neodymium	150-1	297441	292793	287920	292718	1.63	cps
Neodymium	150-2	75522	75898	75925	75781	0.30	cps
Nickel	60-2	159303	160610	160832	160248	0.52	cps
Phosphorus	31-2	31084	31168	31243	31165	0.25	cps
Potassium	39-2	1700950	1662434	1628005	1663796	2.19	cps
Rhodium	103-1	14064414	14134417	13965947	14054926	0.60	cps
Rhodium	103-2	5255795	5139489	5175755	5190346	1.15	cps
Scandium	45-1	12724613	12485264	12593528	12601135	0.95	cps
Scandium	45-2	311345	310308	308262	309972	0.51	cps
Selenium	82-1	1362	1100	1135	1199	11.90	cps
Selenium	77-2	440	387	403	410	6.65	cps
Selenium	78-2	429	420	405	418	2.90	cps
Silicon	28-1	17952244	17578807	17938394	17823148	1.19	cps
Silver	107-1	70834	70506	71720	71020	0.88	cps
Silver	109-1	66989	67450	68748	67729	1.35	cps
Sodium	23-2	702243	710326	701205	704591	0.71	cps
Strontium	86-1	2734343	2743536	2696970	2724950	0.91	cps
Strontium	88-1	23075866	23375735	22414085	22955229	2.14	cps
Sulfur	34-1	573905	584343	588298	582182	1.28	cps
Terbium	159-1	17815094	17212843	17677686	17568541	1.80	cps
Terbium	159-2	6199092	6020694	5887169	6035651	2.59	cps
Thallium	203-1	12223	11097	11272	11530	5.26	cps
Thallium	205-1	27413	27396	26653	27154	1.60	cps
Tin	118-1	407385	405859	417512	410252	1.54	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-15	Instrumnet Name :	P8
Client Sample ID :	MH1PY5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:13:15	DataFile Name :	085AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1589446	1538485	1611496	1579809	2.37	cps
Uranium	238-1	192862	198269	197118	196083	1.45	cps
Vanadium	51-2	507090	499517	489350	498652	1.79	cps
Ytterbium	172-1	42244	43339	41817	42466	1.85	cps
Ytterbium	172-2	16822	17345	16978	17048	1.57	cps
Ytterbium	176-1	27764	26644	28682	27697	3.68	cps
Ytterbium	176-2	17490	17428	17540	17486	0.32	cps
Yttrium	89-1	28453076	28483515	28214837	28383809	0.52	cps
Yttrium	89-2	2551571	2562541	2581485	2565199	0.59	cps
Zinc	66-2	1435978	1452718	1448963	1445886	0.61	cps
Zirconium	90-1	109252	109203	108657	109037	0.30	cps
Zirconium	91-1	24564	24330	23537	24144	2.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-16	Instrumnet Name :	P8
Client Sample ID :	MH1PY6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:16:10	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3023675	3125658	3145186	3098173	2.11	cps
Antimony	121-1	94988	92203	97908	95033	3.00	cps
Arsenic	75-2	25164	24756	24645	24855	1.10	cps
Barium	135-1	2888154	2833441	2936230	2885942	1.78	cps
Barium	137-1	4808744	4778901	4831259	4806301	0.55	cps
Beryllium	9-1	14318	14528	14711	14519	1.35	cps
Bismuth	209-1	9234164	9485058	9770468	9496563	2.83	cps
Bismuth	209-2	4163144	4080356	4149424	4130975	1.07	cps
Boron	10-1	24862	24620	25391	24958	1.58	cps
Boron	11-1	106291	113496	112330	110706	3.49	cps
Bromine	81-1	88375	87524	87003	87634	0.79	cps
Cadmium	111-1	50672	51453	52566	51564	1.85	cps
Cadmium	106-1	12873	12940	13115	12976	0.96	cps
Cadmium	108-1	3792	3926	4059	3926	3.40	cps
Calcium	43-1	8747168	8655365	8875437	8759324	1.26	cps
Calcium	44-1	142664879	136281160	143099594	140681878	2.71	cps
Carbon	12-1	11784992	12073580	12190965	12016512	1.74	cps
Carbon	12-2	114664	111523	110674	112287	1.87	cps
Chlorine	35-1	138743816	153025720	170233212	154000916	10.24	cps
Chlorine	35-2	1095781	1097308	1100134	1097741	0.20	cps
Chromium	52-2	219296	211860	220493	217216	2.15	cps
Cobalt	59-2	166538	167699	168758	167665	0.66	cps
Copper	63-2	1115107	1120439	1117805	1117784	0.24	cps
Dysprosium	156-1	155600	157386	158542	157176	0.94	cps
Dysprosium	156-2	49438	50107	49271	49605	0.89	cps
Erbium	164-1	124879	126745	125936	125853	0.74	cps
Erbium	164-2	42123	42010	41686	41940	0.54	cps
Gadolinium	160-1	137388	136892	137468	137249	0.23	cps
Gadolinium	160-2	54481	52738	52805	53341	1.85	cps
Holmium	165-1	16205956	16437607	16350116	16331226	0.72	cps
Holmium	165-2	6243071	6037574	5866066	6048904	3.12	cps
Indium	115-1	14673915	14839211	15453026	14988717	2.74	cps
Indium	115-2	1987577	1964144	1955734	1969151	0.84	cps
Iron	54-2	15152123	14686925	15094559	14977869	1.69	cps
Iron	56-2	275150345	268391862	273849067	272463758	1.32	cps
Iron	57-2	6816877	6730726	6796347	6781317	0.66	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-16	Instrumnet Name :	P8
Client Sample ID :	MH1PY6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:16:10	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13321	13651	13774	13582	1.72	cps
Lead	206-1	10873089	10859199	10699810	10810699	0.89	cps
Lead	207-1	9169960	9337284	8912826	9140023	2.34	cps
Lead	208-1	42750798	43065910	41383636	42400115	2.11	cps
Lithium	6-1	9542438	9550503	9411863	9501601	0.82	cps
Magnesium	24-2	4221865	4073182	4099214	4131420	1.92	cps
Manganese	55-2	4290690	4108199	4199121	4199337	2.17	cps
Molybdenum	94-1	62148	63295	64023	63155	1.50	cps
Molybdenum	95-1	43962	45525	44631	44706	1.75	cps
Molybdenum	96-1	74720	73739	76446	74969	1.83	cps
Molybdenum	97-1	28329	28472	28421	28407	0.25	cps
Molybdenum	98-1	69508	70028	73102	70879	2.74	cps
Neodymium	150-1	252015	253859	256129	254001	0.81	cps
Neodymium	150-2	67918	66776	64880	66525	2.31	cps
Nickel	60-2	114527	110859	111164	112184	1.81	cps
Phosphorus	31-2	21441	22268	22034	21914	1.94	cps
Potassium	39-2	1257911	1171517	1197602	1209010	3.67	cps
Rhodium	103-1	13556350	13536153	14227629	13773378	2.86	cps
Rhodium	103-2	5126169	5136496	5154909	5139191	0.28	cps
Scandium	45-1	11803543	12022288	13149851	12325227	5.86	cps
Scandium	45-2	308774	304310	314999	309361	1.74	cps
Selenium	82-1	1251	1112	807	1057	21.50	cps
Selenium	77-2	377	380	287	348	15.23	cps
Selenium	78-2	380	332	380	364	7.61	cps
Silicon	28-1	14963402	15275495	15204115	15147671	1.08	cps
Silver	107-1	79019	79808	82130	80319	2.01	cps
Silver	109-1	75533	78148	78013	77231	1.91	cps
Sodium	23-2	343617	334419	345415	341151	1.73	cps
Strontium	86-1	2522205	2466562	2564289	2517685	1.95	cps
Strontium	88-1	21681932	21131333	22001178	21604814	2.04	cps
Sulfur	34-1	519756	509681	518311	515916	1.06	cps
Terbium	159-1	17285390	17324230	17611738	17407120	1.02	cps
Terbium	159-2	6183325	5938612	5987025	6036320	2.15	cps
Thallium	203-1	11063	11372	11163	11200	1.41	cps
Thallium	205-1	27363	27990	28065	27806	1.39	cps
Tin	118-1	302064	306523	303848	304145	0.74	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-16	Instrumnet Name :	P8
Client Sample ID :	MH1PY6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:16:10	DataFile Name :	086AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1379918	1418137	1455066	1417707	2.65	cps
Uranium	238-1	184768	185030	188879	186226	1.24	cps
Vanadium	51-2	443220	429024	437900	436715	1.64	cps
Ytterbium	172-1	37404	35808	36635	36615	2.18	cps
Ytterbium	172-2	14848	14580	14942	14790	1.27	cps
Ytterbium	176-1	25208	24281	24824	24771	1.88	cps
Ytterbium	176-2	16244	16527	16166	16312	1.17	cps
Yttrium	89-1	26940606	27011889	27577864	27176786	1.28	cps
Yttrium	89-2	2504262	2544114	2561143	2536506	1.15	cps
Zinc	66-2	898922	872935	886559	886139	1.47	cps
Zirconium	90-1	101587	102535	104415	102846	1.40	cps
Zirconium	91-1	21767	22393	22845	22335	2.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-17	Instrumnet Name :	P8
Client Sample ID :	MH1PY7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:19:03	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3207804	3219693	3392780	3273426	3.16	cps
Antimony	121-1	102878	100343	102023	101748	1.27	cps
Arsenic	75-2	30298	30342	30639	30427	0.61	cps
Barium	135-1	2482913	2423150	2573538	2493200	3.04	cps
Barium	137-1	4218180	4217918	4313048	4249715	1.29	cps
Beryllium	9-1	15169	15123	15089	15127	0.27	cps
Bismuth	209-1	9156435	9232815	9613153	9334135	2.62	cps
Bismuth	209-2	4128235	4146606	4103773	4126204	0.52	cps
Boron	10-1	21870	23182	23476	22843	3.74	cps
Boron	11-1	101491	99382	102098	100990	1.41	cps
Bromine	81-1	86681	87196	91389	88422	2.92	cps
Cadmium	111-1	58935	59022	58374	58777	0.60	cps
Cadmium	106-1	13841	13707	14258	13935	2.06	cps
Cadmium	108-1	4467	4526	4647	4547	2.01	cps
Calcium	43-1	5590787	5527672	5691277	5603245	1.47	cps
Calcium	44-1	89861612	91237637	89086229	90061826	1.21	cps
Carbon	12-1	11075642	11159824	11191612	11142359	0.54	cps
Carbon	12-2	105839	104933	105763	105512	0.48	cps
Chlorine	35-1	134640416	149685941	153661866	145996074	6.87	cps
Chlorine	35-2	1047179	1069105	1112094	1076126	3.07	cps
Chromium	52-2	185130	181572	186638	184447	1.41	cps
Cobalt	59-2	174032	170076	176163	173423	1.78	cps
Copper	63-2	1108832	1121164	1126230	1118742	0.80	cps
Dysprosium	156-1	169693	167120	165897	167570	1.16	cps
Dysprosium	156-2	53082	51315	52138	52178	1.69	cps
Erbium	164-1	130364	127755	129515	129211	1.03	cps
Erbium	164-2	43846	43250	43866	43654	0.80	cps
Gadolinium	160-1	142818	146836	142821	144158	1.61	cps
Gadolinium	160-2	56228	56011	54920	55720	1.26	cps
Holmium	165-1	15736505	16255625	16680037	16224056	2.91	cps
Holmium	165-2	5917694	5961084	6084881	5987886	1.45	cps
Indium	115-1	14445822	15124311	15505993	15025375	3.57	cps
Indium	115-2	1967703	1980620	1950969	1966431	0.76	cps
Iron	54-2	14960239	15369202	15205492	15178311	1.36	cps
Iron	56-2	268343917	273720934	276966890	273010580	1.60	cps
Iron	57-2	7011532	6799729	7061272	6957511	2.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-17	Instrumnet Name :	P8
Client Sample ID :	MH1PY7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:19:03	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13346	13803	13983	13710	2.39	cps
Lead	206-1	10949316	11009149	11125814	11028093	0.81	cps
Lead	207-1	9153043	9357443	9406190	9305559	1.44	cps
Lead	208-1	42727001	43695373	43463826	43295400	1.17	cps
Lithium	6-1	9122043	8942263	9118651	9060986	1.13	cps
Magnesium	24-2	3819105	3974742	4055196	3949681	3.04	cps
Manganese	55-2	4267735	4392940	4441853	4367509	2.06	cps
Molybdenum	94-1	63396	60433	61696	61842	2.40	cps
Molybdenum	95-1	43452	43836	43260	43516	0.67	cps
Molybdenum	96-1	71125	73949	71402	72159	2.16	cps
Molybdenum	97-1	27536	27862	27311	27570	1.00	cps
Molybdenum	98-1	68738	68847	68930	68838	0.14	cps
Neodymium	150-1	265204	260489	258832	261508	1.26	cps
Neodymium	150-2	69104	70116	69571	69597	0.73	cps
Nickel	60-2	141053	139817	141885	140918	0.74	cps
Phosphorus	31-2	22309	22376	22985	22557	1.65	cps
Potassium	39-2	1151578	1192344	1143173	1162365	2.26	cps
Rhodium	103-1	13312742	13195533	13783733	13430669	2.32	cps
Rhodium	103-2	5084127	5242895	5116647	5147890	1.63	cps
Scandium	45-1	11897098	12253860	12054174	12068378	1.48	cps
Scandium	45-2	305687	311525	316432	311215	1.73	cps
Selenium	82-1	857	836	633	775	15.94	cps
Selenium	77-2	350	393	340	361	7.85	cps
Selenium	78-2	365	424	358	382	9.48	cps
Silicon	28-1	13560109	13621023	13921012	13700715	1.41	cps
Silver	107-1	98738	99846	97537	98707	1.17	cps
Silver	109-1	95658	91313	92881	93284	2.36	cps
Sodium	23-2	382827	373701	385132	380553	1.59	cps
Strontium	86-1	1958404	2042940	1975356	1992233	2.24	cps
Strontium	88-1	16629564	16403799	16409255	16480873	0.78	cps
Sulfur	34-1	518888	524481	518498	520623	0.64	cps
Terbium	159-1	16747473	17467893	17730488	17315285	2.94	cps
Terbium	159-2	5927079	5805105	5751892	5828025	1.54	cps
Thallium	203-1	12531	11831	12089	12151	2.92	cps
Thallium	205-1	30788	30437	29735	30320	1.77	cps
Tin	118-1	260185	259299	262592	260692	0.65	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-17	Instrumnet Name :	P8
Client Sample ID :	MH1PY7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:19:03	DataFile Name :	087AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1218340	1267776	1205828	1230648	2.66	cps
Uranium	238-1	162722	164015	156194	160977	2.60	cps
Vanadium	51-2	437946	440542	443245	440578	0.60	cps
Ytterbium	172-1	39351	39777	39234	39454	0.72	cps
Ytterbium	172-2	15704	15253	15204	15387	1.79	cps
Ytterbium	176-1	26294	26293	26644	26410	0.77	cps
Ytterbium	176-2	15899	16483	17251	16544	4.10	cps
Yttrium	89-1	25944330	26317858	27020620	26427603	2.07	cps
Yttrium	89-2	2452742	2514267	2572546	2513185	2.38	cps
Zinc	66-2	735024	750728	737373	741042	1.14	cps
Zirconium	90-1	96685	96477	96492	96551	0.12	cps
Zirconium	91-1	22853	22536	22076	22488	1.74	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-18	Instrumnet Name :	P8
Client Sample ID :	MH1PY8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:21:58	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3156349	3073423	3007281	3079018	2.43	cps
Antimony	121-1	131143	135788	134407	133779	1.78	cps
Arsenic	75-2	17810	17248	17334	17464	1.73	cps
Barium	135-1	2679293	2766704	2822194	2756064	2.61	cps
Barium	137-1	4644200	4598507	4634089	4625599	0.52	cps
Beryllium	9-1	16340	16282	16850	16491	1.90	cps
Bismuth	209-1	9317346	9489202	9632503	9479683	1.66	cps
Bismuth	209-2	4178578	4094311	4151455	4141448	1.04	cps
Boron	10-1	44493	44946	47085	45508	3.04	cps
Boron	11-1	188569	200285	213986	200947	6.33	cps
Bromine	81-1	85019	87465	91778	88087	3.89	cps
Cadmium	111-1	47723	47660	49574	48319	2.25	cps
Cadmium	106-1	12798	12998	12781	12859	0.94	cps
Cadmium	108-1	3976	3967	4038	3994	0.97	cps
Calcium	43-1	7745148	7706670	8050556	7834125	2.41	cps
Calcium	44-1	123437398	124779244	126905211	125040618	1.40	cps
Carbon	12-1	21405639	21724291	22156401	21762110	1.73	cps
Carbon	12-2	202586	205858	208455	205633	1.43	cps
Chlorine	35-1	138925916	146313416	160095070	148444801	7.24	cps
Chlorine	35-2	1071446	1065574	1085759	1074260	0.97	cps
Chromium	52-2	381031	368886	369294	373070	1.85	cps
Cobalt	59-2	187049	184896	187279	186408	0.71	cps
Copper	63-2	1092888	1087712	1098500	1093033	0.49	cps
Dysprosium	156-1	159109	161726	163571	161469	1.39	cps
Dysprosium	156-2	52453	51385	51831	51890	1.03	cps
Erbium	164-1	130290	130187	127351	129276	1.29	cps
Erbium	164-2	43063	43832	42341	43079	1.73	cps
Gadolinium	160-1	139255	137885	138739	138626	0.50	cps
Gadolinium	160-2	55709	54927	53745	54794	1.80	cps
Holmium	165-1	15890540	16099111	16498038	16162563	1.91	cps
Holmium	165-2	6099990	6085010	5927317	6037439	1.58	cps
Indium	115-1	14149291	14779857	15196853	14708667	3.59	cps
Indium	115-2	1981691	1932260	1961456	1958469	1.27	cps
Iron	54-2	16649908	16471406	16515556	16545623	0.56	cps
Iron	56-2	304293318	302652562	298341407	301762429	1.02	cps
Iron	57-2	7610676	7524134	7417371	7517394	1.29	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-18	Instrumnet Name :	P8
Client Sample ID :	MH1PY8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:21:58	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13006	13441	13433	13293	1.87	cps
Lead	206-1	10443786	10387828	10759285	10530299	1.90	cps
Lead	207-1	8858852	8758352	9000712	8872639	1.37	cps
Lead	208-1	41566596	41026504	41607689	41400263	0.78	cps
Lithium	6-1	8716640	8890566	9223644	8943617	2.88	cps
Magnesium	24-2	4957574	4787353	4780374	4841767	2.07	cps
Manganese	55-2	5463258	5268286	5276470	5336004	2.07	cps
Molybdenum	94-1	73729	75062	74333	74375	0.90	cps
Molybdenum	95-1	82488	83258	82714	82820	0.48	cps
Molybdenum	96-1	115110	115362	114363	114945	0.45	cps
Molybdenum	97-1	53044	51630	51170	51948	1.88	cps
Molybdenum	98-1	129829	133776	129990	131199	1.70	cps
Neodymium	150-1	260220	260289	268020	262843	1.71	cps
Neodymium	150-2	68934	67382	68073	68130	1.14	cps
Nickel	60-2	140374	139283	139754	139804	0.39	cps
Phosphorus	31-2	38644	38009	37667	38106	1.30	cps
Potassium	39-2	2004400	1902995	1931475	1946290	2.69	cps
Rhodium	103-1	13226067	13720370	14035711	13660716	2.99	cps
Rhodium	103-2	5086560	5075008	4987879	5049816	1.07	cps
Scandium	45-1	11587689	11776835	12373254	11912592	3.44	cps
Scandium	45-2	307777	303849	310021	307216	1.02	cps
Selenium	82-1	1972	1459	1312	1581	21.90	cps
Selenium	77-2	353	387	350	363	5.58	cps
Selenium	78-2	471	417	454	447	6.17	cps
Silicon	28-1	28154848	28244042	27217221	27872037	2.04	cps
Silver	107-1	67207	67382	66494	67028	0.70	cps
Silver	109-1	63724	63824	65131	64226	1.22	cps
Sodium	23-2	392524	387207	387113	388948	0.80	cps
Strontium	86-1	3095355	3081060	3060745	3079053	0.56	cps
Strontium	88-1	25605756	25455673	26239712	25767047	1.62	cps
Sulfur	34-1	663386	652887	666429	660901	1.08	cps
Terbium	159-1	16513709	17075634	17098119	16895820	1.96	cps
Terbium	159-2	6010547	5842861	5984780	5946063	1.52	cps
Thallium	203-1	10863	10213	10563	10546	3.09	cps
Thallium	205-1	25451	24399	26219	25356	3.60	cps
Tin	118-1	382392	370851	378349	377197	1.55	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-18	Instrumnet Name :	P8
Client Sample ID :	MH1PY8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:21:58	DataFile Name :	088AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1228553	1183197	1248433	1220061	2.74	cps
Uranium	238-1	203094	203670	204527	203763	0.35	cps
Vanadium	51-2	453512	447052	446377	448980	0.88	cps
Ytterbium	172-1	36978	37696	37404	37359	0.97	cps
Ytterbium	172-2	15120	15343	14219	14894	3.99	cps
Ytterbium	176-1	24073	25308	25308	24896	2.87	cps
Ytterbium	176-2	16282	15582	16088	15984	2.26	cps
Yttrium	89-1	25965809	27244400	27130685	26780298	2.64	cps
Yttrium	89-2	2488748	2517296	2534542	2513529	0.92	cps
Zinc	66-2	1280561	1265640	1260159	1268787	0.83	cps
Zirconium	90-1	73512	73042	75398	73984	1.69	cps
Zirconium	91-1	16127	16661	16460	16416	1.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-19	Instrumnet Name :	P8
Client Sample ID :	MH1PY9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:24:51	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2904827	2861630	2892576	2886344	0.77	cps
Antimony	121-1	112991	113730	115218	113980	1.00	cps
Arsenic	75-2	23322	23072	22960	23118	0.80	cps
Barium	135-1	2537486	2531271	2519036	2529264	0.37	cps
Barium	137-1	4344291	4323474	4227469	4298411	1.45	cps
Beryllium	9-1	16366	15755	16198	16106	1.96	cps
Bismuth	209-1	9580338	9660686	9873761	9704928	1.56	cps
Bismuth	209-2	4008054	4027372	4293318	4109581	3.88	cps
Boron	10-1	37469	39823	38874	38722	3.06	cps
Boron	11-1	169589	172598	180211	174133	3.14	cps
Bromine	81-1	90165	88999	86784	88649	1.94	cps
Cadmium	111-1	60524	63609	61792	61975	2.50	cps
Cadmium	106-1	13407	14992	14742	14380	5.92	cps
Cadmium	108-1	4793	5013	4559	4788	4.74	cps
Calcium	43-1	6187859	6059268	5889085	6045404	2.48	cps
Calcium	44-1	98007576	95783217	96356261	96715685	1.19	cps
Carbon	12-1	16559472	16433618	16759209	16584099	0.99	cps
Carbon	12-2	154738	151972	157278	154662	1.72	cps
Chlorine	35-1	143265495	157534866	161988954	154263105	6.34	cps
Chlorine	35-2	1095796	1160620	1199590	1152002	4.55	cps
Chromium	52-2	240784	243148	245677	243203	1.01	cps
Cobalt	59-2	187023	185131	185382	185845	0.55	cps
Copper	63-2	1366016	1348923	1385931	1366957	1.35	cps
Dysprosium	156-1	146555	148868	148090	147837	0.80	cps
Dysprosium	156-2	44989	47671	46284	46315	2.90	cps
Erbium	164-1	115973	115200	116268	115814	0.48	cps
Erbium	164-2	38686	39001	39636	39108	1.24	cps
Gadolinium	160-1	123330	130043	122974	125449	3.17	cps
Gadolinium	160-2	49549	48267	47642	48486	2.00	cps
Holmium	165-1	16628397	16310612	17538394	16825801	3.79	cps
Holmium	165-2	5632788	6018216	6008020	5886341	3.73	cps
Indium	115-1	14352764	15133896	15476926	14987862	3.84	cps
Indium	115-2	1968838	1972930	2031138	1990968	1.75	cps
Iron	54-2	18333540	18124113	17769464	18075706	1.58	cps
Iron	56-2	326202952	322723507	322062885	323663115	0.69	cps
Iron	57-2	8171475	7994881	8035421	8067259	1.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-19	Instrumnet Name :	P8
Client Sample ID :	MH1PY9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:24:51	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13367	13515	13554	13479	0.73	cps
Lead	206-1	14533631	14572758	13917735	14341375	2.56	cps
Lead	207-1	12523013	12350895	11916652	12263520	2.55	cps
Lead	208-1	57660497	58169232	55746279	57192003	2.23	cps
Lithium	6-1	9181409	9179489	9289979	9216959	0.69	cps
Magnesium	24-2	3842827	3862382	3717000	3807403	2.07	cps
Manganese	55-2	6124863	6012186	6021697	6052915	1.03	cps
Molybdenum	94-1	60976	61370	60608	60984	0.62	cps
Molybdenum	95-1	49723	49623	49072	49472	0.71	cps
Molybdenum	96-1	83603	84014	77988	81868	4.11	cps
Molybdenum	97-1	31303	30309	30000	30537	2.23	cps
Molybdenum	98-1	77005	77870	75682	76852	1.43	cps
Neodymium	150-1	237922	232027	231819	233923	1.48	cps
Neodymium	150-2	61009	61839	60768	61205	0.92	cps
Nickel	60-2	133475	134797	134063	134112	0.49	cps
Phosphorus	31-2	31777	30324	31952	31351	2.85	cps
Potassium	39-2	1459866	1480027	1512616	1484170	1.79	cps
Rhodium	103-1	13758436	13969148	14323152	14016912	2.04	cps
Rhodium	103-2	5141169	5166846	5340999	5216338	2.08	cps
Scandium	45-1	12071058	12060013	13055958	12395676	4.61	cps
Scandium	45-2	304849	312874	316042	311255	1.85	cps
Selenium	82-1	1152	1126	801	1026	19.08	cps
Selenium	77-2	373	347	277	332	15.03	cps
Selenium	78-2	377	379	378	378	0.26	cps
Silicon	28-1	19790438	19267581	19738850	19598956	1.47	cps
Silver	107-1	88553	85835	89097	87828	1.99	cps
Silver	109-1	84989	86314	85190	85498	0.84	cps
Sodium	23-2	360757	354338	352723	355940	1.19	cps
Strontium	86-1	2538185	2509143	2541015	2529448	0.70	cps
Strontium	88-1	21156660	21053925	21305345	21171977	0.60	cps
Sulfur	34-1	601918	607570	592332	600607	1.28	cps
Terbium	159-1	17050140	17391211	17866608	17435987	2.35	cps
Terbium	159-2	5795415	6068286	6051078	5971593	2.56	cps
Thallium	203-1	9971	10329	10897	10399	4.49	cps
Thallium	205-1	24799	24240	24265	24435	1.29	cps
Tin	118-1	430881	438409	432867	434052	0.90	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-19	Instrumnet Name :	P8
Client Sample ID :	MH1PY9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:24:51	DataFile Name :	089AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1397309	1398502	1398860	1398224	0.06	cps
Uranium	238-1	197192	190177	189096	192155	2.29	cps
Vanadium	51-2	402317	412454	407268	407347	1.24	cps
Ytterbium	172-1	36643	35072	34379	35365	3.28	cps
Ytterbium	172-2	14252	14341	13407	14000	3.68	cps
Ytterbium	176-1	24014	23279	24106	23800	1.90	cps
Ytterbium	176-2	15826	16021	16778	16208	3.10	cps
Yttrium	89-1	26236838	26643839	28500755	27127144	4.45	cps
Yttrium	89-2	2480258	2539902	2526618	2515593	1.24	cps
Zinc	66-2	1618615	1698808	1675842	1664422	2.48	cps
Zirconium	90-1	90411	86594	87156	88054	2.34	cps
Zirconium	91-1	19973	20524	19272	19923	3.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-01	Instrumnet Name :	P8
Client Sample ID :	MH1PZ0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:27:47	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3100966	2940534	2966383	3002628	2.87	cps
Antimony	121-1	76028	78107	79607	77914	2.31	cps
Arsenic	75-2	24498	24353	24337	24396	0.36	cps
Barium	135-1	1802667	1772151	1790032	1788283	0.86	cps
Barium	137-1	2984204	3003447	3010934	2999528	0.46	cps
Beryllium	9-1	12365	12337	12319	12340	0.19	cps
Bismuth	209-1	9354461	9468719	9733548	9518909	2.04	cps
Bismuth	209-2	4174024	4163755	4279953	4205911	1.53	cps
Boron	10-1	21542	21542	22501	21861	2.53	cps
Boron	11-1	95277	98532	100694	98168	2.78	cps
Bromine	81-1	86248	80509	85188	83982	3.64	cps
Cadmium	111-1	56306	54537	56308	55717	1.83	cps
Cadmium	106-1	13682	13290	13157	13376	2.04	cps
Cadmium	108-1	4138	4042	4272	4151	2.77	cps
Calcium	43-1	3596594	3520756	3427556	3514969	2.41	cps
Calcium	44-1	57478558	56201027	54434136	56037907	2.73	cps
Carbon	12-1	11880220	11550676	11493614	11641503	1.79	cps
Carbon	12-2	107442	108727	108022	108064	0.60	cps
Chlorine	35-1	122071274	135210524	145126357	134136052	8.62	cps
Chlorine	35-2	961503	972905	985752	973387	1.25	cps
Chromium	52-2	182119	180868	179402	180796	0.75	cps
Cobalt	59-2	167377	165407	164518	165767	0.88	cps
Copper	63-2	896739	876925	887561	887075	1.12	cps
Dysprosium	156-1	155316	155732	160210	157086	1.73	cps
Dysprosium	156-2	49763	50308	50013	50028	0.55	cps
Erbium	164-1	120530	126821	126551	124634	2.85	cps
Erbium	164-2	41756	42047	41729	41844	0.42	cps
Gadolinium	160-1	136210	132702	136935	135282	1.67	cps
Gadolinium	160-2	53548	52526	51700	52591	1.76	cps
Holmium	165-1	16384392	16107558	16590322	16360757	1.48	cps
Holmium	165-2	6009387	5939398	5851196	5933327	1.34	cps
Indium	115-1	15200681	14982090	15237227	15140000	0.91	cps
Indium	115-2	1933085	2002230	1987608	1974308	1.85	cps
Iron	54-2	16743632	16614034	16446130	16601265	0.90	cps
Iron	56-2	305372796	297944618	291424095	298247170	2.34	cps
Iron	57-2	7619356	7849186	7526394	7664979	2.17	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-01	Instrumnet Name :	P8
Client Sample ID :	MH1PZ0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:27:47	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13272	13672	13607	13517	1.59	cps
Lead	206-1	8101497	8282784	8861322	8415201	4.72	cps
Lead	207-1	6950075	7064349	7516099	7176841	4.17	cps
Lead	208-1	32219923	32689420	34484975	33131440	3.61	cps
Lithium	6-1	9389222	9286641	9049958	9241940	1.88	cps
Magnesium	24-2	3793250	3676686	3712796	3727577	1.60	cps
Manganese	55-2	4026772	3972250	3998555	3999193	0.68	cps
Molybdenum	94-1	61462	61445	61697	61534	0.23	cps
Molybdenum	95-1	42616	42759	43753	43043	1.44	cps
Molybdenum	96-1	75742	73974	72886	74200	1.94	cps
Molybdenum	97-1	26183	27394	25967	26515	2.90	cps
Molybdenum	98-1	65061	67725	66485	66424	2.01	cps
Neodymium	150-1	258670	254275	263260	258735	1.74	cps
Neodymium	150-2	66585	65999	67232	66605	0.93	cps
Nickel	60-2	95817	95005	92871	94565	1.61	cps
Phosphorus	31-2	21333	21834	20415	21194	3.40	cps
Potassium	39-2	1465370	1436975	1476848	1459731	1.41	cps
Rhodium	103-1	13791298	13785051	14107306	13894552	1.33	cps
Rhodium	103-2	5206717	5279126	5341979	5275941	1.28	cps
Scandium	45-1	12367879	12414741	12092658	12291759	1.42	cps
Scandium	45-2	307123	309887	311072	309361	0.66	cps
Selenium	82-1	662	407	766	611	30.22	cps
Selenium	77-2	337	290	327	318	7.73	cps
Selenium	78-2	397	386	377	387	2.59	cps
Silicon	28-1	14213923	13660548	13678193	13850888	2.27	cps
Silver	107-1	69602	68705	72995	70434	3.21	cps
Silver	109-1	66143	67752	66127	66674	1.40	cps
Sodium	23-2	323471	326536	338481	329496	2.41	cps
Strontium	86-1	1457255	1461921	1501025	1473400	1.63	cps
Strontium	88-1	12290005	12504085	12636172	12476754	1.40	cps
Sulfur	34-1	502090	505948	504724	504254	0.39	cps
Terbium	159-1	17070484	17053894	17286732	17137036	0.76	cps
Terbium	159-2	5981204	5969507	6049508	6000073	0.72	cps
Thallium	203-1	10972	10855	10963	10930	0.60	cps
Thallium	205-1	23781	25885	26820	25495	6.11	cps
Tin	118-1	168763	168584	169066	168804	0.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-01	Instrumnet Name :	P8
Client Sample ID :	MH1PZ0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:27:47	DataFile Name :	090AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1419349	1408253	1352642	1393415	2.57	cps
Uranium	238-1	165915	161373	170388	165892	2.72	cps
Vanadium	51-2	459201	453615	446109	452975	1.45	cps
Ytterbium	172-1	36384	37145	36986	36838	1.09	cps
Ytterbium	172-2	14419	14113	14136	14223	1.20	cps
Ytterbium	176-1	24165	23547	24715	24142	2.42	cps
Ytterbium	176-2	15459	16399	16310	16056	3.23	cps
Yttrium	89-1	26118370	27346158	27684685	27049738	3.05	cps
Yttrium	89-2	2526369	2508274	2551355	2528666	0.86	cps
Zinc	66-2	647962	639738	638354	642018	0.81	cps
Zirconium	90-1	94958	97063	96963	96328	1.23	cps
Zirconium	91-1	21918	23015	21367	22100	3.80	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-02	Instrumnet Name :	P8
Client Sample ID :	MH1PZ1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:30:40	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3148844	3090879	3108444	3116056	0.95	cps
Antimony	121-1	43186	43896	42901	43328	1.18	cps
Arsenic	75-2	18196	18243	17755	18064	1.49	cps
Barium	135-1	1692692	1683546	1673809	1683349	0.56	cps
Barium	137-1	2970314	2916732	2849714	2912253	2.07	cps
Beryllium	9-1	11634	11618	12027	11760	1.97	cps
Bismuth	209-1	9611160	9454119	9195642	9420307	2.23	cps
Bismuth	209-2	4163617	4072038	3995419	4077025	2.07	cps
Boron	10-1	15213	15449	15351	15338	0.77	cps
Boron	11-1	65711	68197	67916	67275	2.02	cps
Bromine	81-1	90316	85795	83365	86492	4.08	cps
Cadmium	111-1	15376	15652	15020	15350	2.07	cps
Cadmium	106-1	9595	8886	9554	9345	4.26	cps
Cadmium	108-1	1179	1196	1146	1174	2.17	cps
Calcium	43-1	3518563	3405000	3389567	3437710	2.05	cps
Calcium	44-1	55716825	54782944	54347508	54949092	1.27	cps
Carbon	12-1	10785679	10819453	10802110	10802414	0.16	cps
Carbon	12-2	103145	100074	102642	101954	1.62	cps
Chlorine	35-1	104736727	110290469	117949878	110992358	5.98	cps
Chlorine	35-2	776525	779915	776736	777725	0.24	cps
Chromium	52-2	170139	172021	167583	169914	1.31	cps
Cobalt	59-2	153459	152791	152622	152957	0.29	cps
Copper	63-2	395767	403130	398499	399132	0.93	cps
Dysprosium	156-1	170071	174440	167498	170670	2.06	cps
Dysprosium	156-2	55813	56576	55315	55901	1.14	cps
Erbium	164-1	134150	137735	137107	136330	1.40	cps
Erbium	164-2	46478	46676	46127	46427	0.60	cps
Gadolinium	160-1	150648	150810	149870	150443	0.33	cps
Gadolinium	160-2	58706	59084	56801	58197	2.10	cps
Holmium	165-1	16995814	16670705	16047452	16571324	2.91	cps
Holmium	165-2	5942483	5907775	5879753	5910004	0.53	cps
Indium	115-1	14602179	15094930	14828396	14841835	1.66	cps
Indium	115-2	1942644	1931868	1927284	1933932	0.41	cps
Iron	54-2	13536874	13521651	13242974	13433833	1.23	cps
Iron	56-2	244430322	243372100	241995711	243266044	0.50	cps
Iron	57-2	6157865	6244277	6071112	6157752	1.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-02	Instrumnet Name :	P8
Client Sample ID :	MH1PZ1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:30:40	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13044	13273	13331	13216	1.15	cps
Lead	206-1	1373563	1373005	1344976	1363848	1.20	cps
Lead	207-1	1147041	1166459	1153707	1155736	0.85	cps
Lead	208-1	5489297	5533219	5379497	5467338	1.45	cps
Lithium	6-1	9450237	9164016	9212052	9275435	1.65	cps
Magnesium	24-2	3922001	4064095	4042180	4009425	1.91	cps
Manganese	55-2	2428759	2473912	2432962	2445211	1.02	cps
Molybdenum	94-1	52257	52007	50316	51527	2.05	cps
Molybdenum	95-1	44138	43477	43829	43814	0.75	cps
Molybdenum	96-1	69860	67357	69802	69006	2.07	cps
Molybdenum	97-1	28062	27962	27770	27931	0.53	cps
Molybdenum	98-1	70413	70882	68956	70084	1.43	cps
Neodymium	150-1	284200	287001	281438	284213	0.98	cps
Neodymium	150-2	75244	75954	73069	74756	2.01	cps
Nickel	60-2	89540	89681	87559	88927	1.33	cps
Phosphorus	31-2	18537	18704	18654	18632	0.46	cps
Potassium	39-2	1637734	1698595	1616913	1651081	2.57	cps
Rhodium	103-1	13843809	13936080	13556915	13778935	1.44	cps
Rhodium	103-2	5217796	4979706	5135025	5110842	2.37	cps
Scandium	45-1	12530204	12339136	11903849	12257729	2.62	cps
Scandium	45-2	300845	307539	303586	303990	1.11	cps
Selenium	82-1	816	1021	814	884	13.45	cps
Selenium	77-2	430	397	410	412	4.07	cps
Selenium	78-2	373	380	356	370	3.34	cps
Silicon	28-1	13045060	13050093	12595460	12896871	2.02	cps
Silver	107-1	15493	14616	14400	14836	3.90	cps
Silver	109-1	14717	13791	13699	14069	4.00	cps
Sodium	23-2	326675	332681	339070	332809	1.86	cps
Strontium	86-1	1159175	1142806	1167230	1156404	1.08	cps
Strontium	88-1	9735940	9471980	9817210	9675043	1.87	cps
Sulfur	34-1	498564	490843	492032	493813	0.84	cps
Terbium	159-1	17124845	16920003	17142597	17062482	0.73	cps
Terbium	159-2	5732476	5780105	5813627	5775402	0.71	cps
Thallium	203-1	8953	9512	8978	9148	3.45	cps
Thallium	205-1	21894	23171	22453	22506	2.84	cps
Tin	118-1	45920	47215	45435	46190	1.99	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-02	Instrumnet Name :	P8
Client Sample ID :	MH1PZ1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:30:40	DataFile Name :	091AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1074492	1067235	1045522	1062416	1.42	cps
Uranium	238-1	118539	117293	115375	117069	1.36	cps
Vanadium	51-2	447120	444765	441476	444454	0.64	cps
Ytterbium	172-1	38741	40856	38674	39424	3.15	cps
Ytterbium	172-2	15209	15131	15559	15300	1.49	cps
Ytterbium	176-1	25308	25308	27037	25884	3.86	cps
Ytterbium	176-2	16082	17317	17389	16930	4.34	cps
Yttrium	89-1	27502521	27214252	27260287	27325687	0.57	cps
Yttrium	89-2	2526552	2521059	2496172	2514594	0.64	cps
Zinc	66-2	177314	174834	175801	175983	0.71	cps
Zirconium	90-1	68385	67715	67489	67863	0.69	cps
Zirconium	91-1	14875	15217	14575	14889	2.16	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-03	Instrumnet Name :	P8
Client Sample ID :	MH1PZ2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:33:35	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3085500	3019103	3140089	3081564	1.97	cps
Antimony	121-1	102407	99471	100150	100676	1.53	cps
Arsenic	75-2	14870	14754	14657	14761	0.72	cps
Barium	135-1	2583266	2632418	2538192	2584625	1.82	cps
Barium	137-1	4471102	4548861	4412184	4477382	1.53	cps
Beryllium	9-1	15329	15665	15679	15558	1.27	cps
Bismuth	209-1	9767771	9734252	9397772	9633265	2.12	cps
Bismuth	209-2	4159556	3790756	3677140	3875817	6.51	cps
Boron	10-1	36918	36978	38521	37472	2.43	cps
Boron	11-1	157764	164645	167045	163151	2.95	cps
Bromine	81-1	83203	86371	92044	87206	5.14	cps
Cadmium	111-1	48219	49655	48985	48953	1.47	cps
Cadmium	106-1	13148	12723	12514	12795	2.53	cps
Cadmium	108-1	4030	4192	3942	4055	3.13	cps
Calcium	43-1	6484481	6423098	6566284	6491288	1.11	cps
Calcium	44-1	104398370	102489350	106000560	104296094	1.69	cps
Carbon	12-1	21503657	21787649	21543743	21611683	0.71	cps
Carbon	12-2	205140	202019	204117	203759	0.78	cps
Chlorine	35-1	116021665	126716690	131000961	124579772	6.19	cps
Chlorine	35-2	883429	886678	896922	889010	0.79	cps
Chromium	52-2	452796	444254	449811	448954	0.97	cps
Cobalt	59-2	180461	177702	180646	179603	0.92	cps
Copper	63-2	1198721	1192363	1193975	1195020	0.28	cps
Dysprosium	156-1	155197	157179	158811	157062	1.15	cps
Dysprosium	156-2	48381	48197	48816	48465	0.66	cps
Erbium	164-1	120150	119662	122708	120840	1.35	cps
Erbium	164-2	40429	41044	40238	40570	1.04	cps
Gadolinium	160-1	131608	133069	132835	132504	0.59	cps
Gadolinium	160-2	52349	50796	52764	51970	2.00	cps
Holmium	165-1	16409769	16241136	16128631	16259845	0.87	cps
Holmium	165-2	6063897	5783849	5445430	5764392	5.37	cps
Indium	115-1	14767282	14918142	14930766	14872063	0.61	cps
Indium	115-2	1920633	1811688	1793571	1841964	3.73	cps
Iron	54-2	16012548	15922489	16225625	16053554	0.97	cps
Iron	56-2	299121273	298435740	296420918	297992644	0.47	cps
Iron	57-2	7546973	7151016	7164914	7287635	3.08	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-03	Instrumnet Name :	P8
Client Sample ID :	MH1PZ2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:33:35	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13923	13576	13464	13654	1.75	cps
Lead	206-1	11696562	11935815	11952626	11861668	1.21	cps
Lead	207-1	10135942	10267210	10118494	10173882	0.80	cps
Lead	208-1	47590586	47324213	46879406	47264735	0.76	cps
Lithium	6-1	9615900	9310210	9306454	9410854	1.89	cps
Magnesium	24-2	4877571	4898156	4997324	4924350	1.30	cps
Manganese	55-2	5237257	5338653	5224586	5266832	1.19	cps
Molybdenum	94-1	68553	69751	70035	69446	1.13	cps
Molybdenum	95-1	82579	81472	78522	80858	2.59	cps
Molybdenum	96-1	113672	113524	112256	113151	0.69	cps
Molybdenum	97-1	51731	50049	51103	50961	1.67	cps
Molybdenum	98-1	129277	127787	128065	128376	0.62	cps
Neodymium	150-1	244211	251134	250553	248633	1.54	cps
Neodymium	150-2	63758	65249	63839	64282	1.30	cps
Nickel	60-2	141751	139111	139196	140019	1.07	cps
Phosphorus	31-2	38218	35770	36697	36895	3.35	cps
Potassium	39-2	1686790	1698154	1642963	1675969	1.74	cps
Rhodium	103-1	13703871	13699541	13294908	13566106	1.73	cps
Rhodium	103-2	5134203	4773838	4747268	4885103	4.42	cps
Scandium	45-1	11944859	12291698	12014765	12083774	1.52	cps
Scandium	45-2	303402	287717	282818	291312	3.69	cps
Selenium	82-1	1204	1833	1387	1475	21.94	cps
Selenium	77-2	350	327	353	343	4.23	cps
Selenium	78-2	428	420	433	427	1.54	cps
Silicon	28-1	17441560	17262910	16933022	17212497	1.50	cps
Silver	107-1	73079	70850	71169	71700	1.68	cps
Silver	109-1	65985	68245	68413	67548	2.01	cps
Sodium	23-2	324440	332233	329699	328791	1.21	cps
Strontium	86-1	2482215	2524593	2510118	2505642	0.86	cps
Strontium	88-1	21432862	21218964	21096262	21249363	0.80	cps
Sulfur	34-1	626151	625747	619545	623814	0.59	cps
Terbium	159-1	17280241	17313768	17542364	17378791	0.82	cps
Terbium	159-2	5853263	5535921	5438565	5609249	3.87	cps
Thallium	203-1	11898	11380	12039	11772	2.95	cps
Thallium	205-1	29626	27948	29108	28894	2.98	cps
Tin	118-1	299289	293832	295040	296053	0.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-03	Instrumnet Name :	P8
Client Sample ID :	MH1PZ2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:33:35	DataFile Name :	092AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1357210	1356379	1328631	1347407	1.21	cps
Uranium	238-1	210368	205850	199163	205127	2.75	cps
Vanadium	51-2	435288	439616	430581	435162	1.04	cps
Ytterbium	172-1	34663	35515	34863	35014	1.27	cps
Ytterbium	172-2	13863	14191	13563	13872	2.27	cps
Ytterbium	176-1	23956	23922	24206	24028	0.65	cps
Ytterbium	176-2	15515	15654	14886	15352	2.66	cps
Yttrium	89-1	26419335	26970015	26590665	26660005	1.06	cps
Yttrium	89-2	2436961	2328394	2316142	2360499	2.82	cps
Zinc	66-2	1704619	1664555	1628071	1665748	2.30	cps
Zirconium	90-1	58733	59595	61127	59818	2.03	cps
Zirconium	91-1	13140	13515	13907	13521	2.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-04	Instrumnet Name :	P8
Client Sample ID :	MH1PZ3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:36:28	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3311764	3344015	3324715	3326831	0.49	cps
Antimony	121-1	114234	114142	118185	115520	2.00	cps
Arsenic	75-2	19208	19120	19865	19398	2.10	cps
Barium	135-1	2673519	2670677	2766616	2703604	2.02	cps
Barium	137-1	4531280	4607481	4599242	4579334	0.91	cps
Beryllium	9-1	16314	16418	16266	16333	0.48	cps
Bismuth	209-1	9325652	10405042	10513378	10081358	6.51	cps
Bismuth	209-2	4030269	4129930	4027312	4062504	1.44	cps
Boron	10-1	29921	31901	32760	31527	4.62	cps
Boron	11-1	136300	140233	148068	141534	4.23	cps
Bromine	81-1	86482	89338	82975	86265	3.69	cps
Cadmium	111-1	60721	61619	61246	61195	0.74	cps
Cadmium	106-1	14642	15100	15292	15011	2.23	cps
Cadmium	108-1	4763	4772	4426	4654	4.24	cps
Calcium	43-1	6702346	6688701	7189697	6860248	4.16	cps
Calcium	44-1	109165502	106753349	114952578	110290476	3.82	cps
Carbon	12-1	17173293	17365229	17480956	17339826	0.90	cps
Carbon	12-2	162697	158072	160261	160343	1.44	cps
Chlorine	35-1	121650786	134268082	143282470	133067113	8.17	cps
Chlorine	35-2	929170	953680	972989	951946	2.31	cps
Chromium	52-2	357785	354413	355009	355736	0.51	cps
Cobalt	59-2	198934	196089	200929	198651	1.22	cps
Copper	63-2	1380788	1389986	1409855	1393543	1.07	cps
Dysprosium	156-1	159012	157813	158616	158481	0.39	cps
Dysprosium	156-2	50388	50084	49679	50050	0.71	cps
Erbium	164-1	123288	127175	126923	125795	1.73	cps
Erbium	164-2	43395	41890	42986	42757	1.82	cps
Gadolinium	160-1	137541	132398	136876	135605	2.06	cps
Gadolinium	160-2	53494	52945	52363	52934	1.07	cps
Holmium	165-1	16252351	18505260	18603116	17786909	7.48	cps
Holmium	165-2	6001056	5861503	5997270	5953276	1.34	cps
Indium	115-1	14989910	16475231	16146359	15870500	4.92	cps
Indium	115-2	1917991	1857068	1885156	1886738	1.62	cps
Iron	54-2	19060046	19418553	18784587	19087729	1.67	cps
Iron	56-2	352114852	343605608	349993874	348571445	1.27	cps
Iron	57-2	8892159	8799928	8715678	8802588	1.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-04	Instrumnet Name :	P8
Client Sample ID :	MH1PZ3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:36:28	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13357	13499	13486	13447	0.58	cps
Lead	206-1	13900049	14028101	14366472	14098207	1.71	cps
Lead	207-1	11591062	11474981	11959720	11675255	2.17	cps
Lead	208-1	54286558	53582765	56698567	54855964	2.98	cps
Lithium	6-1	9595669	10536746	10549871	10227429	5.35	cps
Magnesium	24-2	4659517	4497743	4510596	4555952	1.97	cps
Manganese	55-2	5536738	5449940	5327736	5438138	1.93	cps
Molybdenum	94-1	66703	67456	67029	67063	0.56	cps
Molybdenum	95-1	66678	66895	67364	66979	0.52	cps
Molybdenum	96-1	99944	100685	102799	101143	1.46	cps
Molybdenum	97-1	42474	40920	40987	41460	2.12	cps
Molybdenum	98-1	105333	103293	106618	105081	1.60	cps
Neodymium	150-1	245592	250931	254719	250414	1.83	cps
Neodymium	150-2	66733	66330	66886	66650	0.43	cps
Nickel	60-2	153480	150259	148945	150895	1.55	cps
Phosphorus	31-2	32947	33757	35511	34071	3.85	cps
Potassium	39-2	1379228	1383134	1366349	1376237	0.64	cps
Rhodium	103-1	13450284	15189636	14787810	14475910	6.29	cps
Rhodium	103-2	5046199	4924134	5164553	5044962	2.38	cps
Scandium	45-1	12276063	12986304	13677935	12980101	5.40	cps
Scandium	45-2	305376	305902	302465	304581	0.61	cps
Selenium	82-1	1296	1496	1369	1387	7.31	cps
Selenium	77-2	320	407	343	357	12.57	cps
Selenium	78-2	394	446	432	424	6.35	cps
Silicon	28-1	11339001	11643444	11505058	11495835	1.33	cps
Silver	107-1	88352	90002	89250	89201	0.93	cps
Silver	109-1	83195	85207	84971	84458	1.30	cps
Sodium	23-2	326272	318781	321810	322288	1.17	cps
Strontium	86-1	2550631	2592013	2596004	2579549	0.97	cps
Strontium	88-1	21480786	21801890	21977446	21753374	1.16	cps
Sulfur	34-1	571334	569512	585694	575513	1.54	cps
Terbium	159-1	17646408	19037023	19166126	18616519	4.53	cps
Terbium	159-2	6026095	5922900	5772677	5907224	2.16	cps
Thallium	203-1	12523	12682	12857	12687	1.32	cps
Thallium	205-1	29225	30712	31448	30462	3.72	cps
Tin	118-1	389530	383744	385125	386133	0.78	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-04	Instrumnet Name :	P8
Client Sample ID :	MH1PZ3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:36:28	DataFile Name :	093AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1620512	1645665	1666349	1644176	1.40	cps
Uranium	238-1	236499	245257	242225	241327	1.84	cps
Vanadium	51-2	489646	490097	493290	491011	0.40	cps
Ytterbium	172-1	38315	36902	38524	37914	2.33	cps
Ytterbium	172-2	15887	15354	15120	15454	2.55	cps
Ytterbium	176-1	26694	24691	25108	25498	4.15	cps
Ytterbium	176-2	15965	16778	16627	16457	2.63	cps
Yttrium	89-1	25958309	28897686	30347773	28401256	7.87	cps
Yttrium	89-2	2450228	2472701	2460066	2460998	0.46	cps
Zinc	66-2	2009057	1928673	1938764	1958831	2.24	cps
Zirconium	90-1	72631	88360	76762	79251	10.29	cps
Zirconium	91-1	17153	17128	17136	17139	0.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-05	Instrumnet Name :	P8
Client Sample ID :	MH1PZ4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:39:24	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3134400	3260403	3191329	3195377	1.97	cps
Antimony	121-1	116697	117233	116168	116699	0.46	cps
Arsenic	75-2	35525	35587	35608	35573	0.12	cps
Barium	135-1	2526469	2551574	2566264	2548102	0.79	cps
Barium	137-1	4365021	4350536	4286370	4333976	0.97	cps
Beryllium	9-1	16520	16500	16452	16491	0.21	cps
Bismuth	209-1	9844562	9391029	9702980	9646190	2.41	cps
Bismuth	209-2	4012588	4031885	4076591	4040355	0.81	cps
Boron	10-1	26427	26962	26306	26565	1.31	cps
Boron	11-1	111651	115101	120271	115674	3.75	cps
Bromine	81-1	89551	83357	90126	87678	4.28	cps
Cadmium	111-1	90183	88972	89689	89615	0.68	cps
Cadmium	106-1	16627	17403	17028	17019	2.28	cps
Cadmium	108-1	6385	6447	6756	6529	3.04	cps
Calcium	43-1	5940985	5982019	6044492	5989165	0.87	cps
Calcium	44-1	94817144	96248539	98356442	96474042	1.85	cps
Carbon	12-1	12226285	12538039	12424558	12396294	1.27	cps
Carbon	12-2	118577	114152	118409	117046	2.14	cps
Chlorine	35-1	116769315	122177115	131824170	123590200	6.17	cps
Chlorine	35-2	831017	854126	878223	854455	2.76	cps
Chromium	52-2	209070	209306	210675	209684	0.41	cps
Cobalt	59-2	181760	185004	182669	183145	0.91	cps
Copper	63-2	1709339	1677863	1658088	1681763	1.54	cps
Dysprosium	156-1	155386	150754	151846	152662	1.59	cps
Dysprosium	156-2	46946	45896	46698	46513	1.18	cps
Erbium	164-1	119864	121885	115738	119162	2.63	cps
Erbium	164-2	40010	40335	39776	40040	0.70	cps
Gadolinium	160-1	129514	129821	128571	129302	0.50	cps
Gadolinium	160-2	50010	49258	49395	49554	0.81	cps
Holmium	165-1	16660358	16607035	16368945	16545446	0.94	cps
Holmium	165-2	5820958	5789981	5789242	5800060	0.31	cps
Indium	115-1	14663320	14739354	15107190	14836621	1.60	cps
Indium	115-2	1949757	1939539	1937979	1942425	0.33	cps
Iron	54-2	19183257	19163359	18974373	19106996	0.60	cps
Iron	56-2	343842730	334612430	340252430	339569196	1.37	cps
Iron	57-2	8631314	8716718	8683753	8677262	0.50	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-05	Instrumnet Name :	P8
Client Sample ID :	MH1PZ4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:39:24	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13595	13938	13726	13753	1.26	cps
Lead	206-1	15649473	15416282	15895045	15653600	1.53	cps
Lead	207-1	13155860	13204626	13159985	13173490	0.21	cps
Lead	208-1	61730392	60830778	62020702	61527290	1.01	cps
Lithium	6-1	9580322	9192114	9078670	9283702	2.83	cps
Magnesium	24-2	3814110	3903262	3715030	3810801	2.47	cps
Manganese	55-2	5383648	5497842	5478915	5453468	1.12	cps
Molybdenum	94-1	55002	56014	53605	54874	2.20	cps
Molybdenum	95-1	41872	43042	42207	42374	1.42	cps
Molybdenum	96-1	75624	74301	76553	75493	1.50	cps
Molybdenum	97-1	27010	26584	26200	26598	1.52	cps
Molybdenum	98-1	65338	65446	63998	64927	1.24	cps
Neodymium	150-1	239526	245720	235411	240219	2.16	cps
Neodymium	150-2	62492	61421	62680	62198	1.09	cps
Nickel	60-2	134885	134323	136869	135359	0.99	cps
Phosphorus	31-2	24463	25273	24246	24661	2.19	cps
Potassium	39-2	1037591	1042212	1065921	1048574	1.45	cps
Rhodium	103-1	13800438	13537728	13902978	13747048	1.37	cps
Rhodium	103-2	5113147	4996456	5025300	5044968	1.20	cps
Scandium	45-1	12074019	12002092	12216458	12097523	0.90	cps
Scandium	45-2	303855	305189	302704	303916	0.41	cps
Selenium	82-1	837	996	1078	970	12.65	cps
Selenium	77-2	297	333	323	318	5.97	cps
Selenium	78-2	340	395	383	373	7.76	cps
Silicon	28-1	11230443	11121166	10969768	11107126	1.18	cps
Silver	107-1	132537	131392	133513	132480	0.80	cps
Silver	109-1	123968	126500	123815	124761	1.21	cps
Sodium	23-2	363910	364914	374435	367753	1.58	cps
Strontium	86-1	2274443	2255061	2298078	2275861	0.95	cps
Strontium	88-1	19081158	19182298	19042422	19101959	0.38	cps
Sulfur	34-1	530970	538898	546490	538786	1.44	cps
Terbium	159-1	17660442	17137611	17193713	17330589	1.66	cps
Terbium	159-2	6022080	5612838	5933739	5856219	3.68	cps
Thallium	203-1	14575	13899	13324	13933	4.50	cps
Thallium	205-1	33695	33737	34280	33904	0.96	cps
Tin	118-1	393234	401087	394026	396116	1.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-05	Instrumnet Name :	P8
Client Sample ID :	MH1PZ4	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:39:24	DataFile Name :	094AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1741861	1798152	1788826	1776280	1.70	cps
Uranium	238-1	185739	180539	183061	183113	1.42	cps
Vanadium	51-2	445882	449795	449770	448482	0.50	cps
Ytterbium	172-1	36810	37387	36518	36905	1.20	cps
Ytterbium	172-2	13935	14480	15253	14556	4.55	cps
Ytterbium	176-1	24206	24891	25576	24891	2.75	cps
Ytterbium	176-2	15042	15927	16956	15975	5.99	cps
Yttrium	89-1	26527246	27071673	27612204	27070374	2.00	cps
Yttrium	89-2	2491961	2447998	2460366	2466775	0.92	cps
Zinc	66-2	1337784	1329221	1335689	1334231	0.33	cps
Zirconium	90-1	84364	82495	79328	82062	3.10	cps
Zirconium	91-1	18763	18279	18580	18541	1.32	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-06	Instrumnet Name :	P8
Client Sample ID :	MH1PZ5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:42:17	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3625809	3632090	3627168	3628356	0.09	cps
Antimony	121-1	76550	77144	78795	77496	1.50	cps
Arsenic	75-2	25570	25179	25208	25319	0.86	cps
Barium	135-1	2034999	2055303	2075986	2055429	1.00	cps
Barium	137-1	3560354	3467183	3583148	3536895	1.74	cps
Beryllium	9-1	13568	14198	13644	13803	2.49	cps
Bismuth	209-1	9452555	9437174	9515098	9468276	0.44	cps
Bismuth	209-2	4157309	4023291	3983238	4054613	2.25	cps
Boron	10-1	17954	18648	19369	18657	3.79	cps
Boron	11-1	78912	83290	84012	82072	3.36	cps
Bromine	81-1	85894	87484	85471	86283	1.23	cps
Cadmium	111-1	49997	49513	51326	50279	1.87	cps
Cadmium	106-1	12956	12765	13057	12926	1.15	cps
Cadmium	108-1	3567	3559	3513	3546	0.82	cps
Calcium	43-1	4662231	4733475	4647762	4681156	0.98	cps
Calcium	44-1	75414876	74858015	74642295	74971729	0.53	cps
Carbon	12-1	11524093	11327097	11589948	11480379	1.19	cps
Carbon	12-2	110263	109541	107392	109065	1.37	cps
Chlorine	35-1	117362448	130436024	136953920	128250797	7.78	cps
Chlorine	35-2	886073	885961	927332	899789	2.65	cps
Chromium	52-2	213764	211023	208619	211135	1.22	cps
Cobalt	59-2	178167	177698	175296	177053	0.87	cps
Copper	63-2	863958	862277	835219	853818	1.89	cps
Dysprosium	156-1	187004	184376	183278	184886	1.04	cps
Dysprosium	156-2	59907	58163	58886	58985	1.49	cps
Erbium	164-1	143010	143412	149498	145306	2.50	cps
Erbium	164-2	49723	48471	49302	49165	1.30	cps
Gadolinium	160-1	160774	159200	163186	161053	1.25	cps
Gadolinium	160-2	63206	61723	60342	61757	2.32	cps
Holmium	165-1	16881970	16337291	16114540	16444600	2.40	cps
Holmium	165-2	5896710	5910047	6005563	5937440	1.00	cps
Indium	115-1	15012292	14848201	15233728	15031407	1.29	cps
Indium	115-2	1920453	1912667	1920418	1917846	0.23	cps
Iron	54-2	16549860	16695577	16479138	16574858	0.67	cps
Iron	56-2	306974440	291612273	295975051	298187255	2.65	cps
Iron	57-2	7823715	7601021	7507538	7644091	2.12	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-06	Instrumnet Name :	P8
Client Sample ID :	MH1PZ5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:42:17	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12824	12824	13197	12949	1.66	cps
Lead	206-1	6256908	6267023	6141276	6221736	1.12	cps
Lead	207-1	5430037	5374806	5248449	5351097	1.74	cps
Lead	208-1	24739229	24670846	24398109	24602728	0.73	cps
Lithium	6-1	9201984	9425093	9467734	9364937	1.52	cps
Magnesium	24-2	4570717	4350566	4481954	4467746	2.48	cps
Manganese	55-2	3663021	3637712	3566270	3622334	1.39	cps
Molybdenum	94-1	53888	56792	55997	55559	2.70	cps
Molybdenum	95-1	48084	49505	48535	48708	1.49	cps
Molybdenum	96-1	79773	78943	75824	78180	2.66	cps
Molybdenum	97-1	30209	30108	31762	30693	3.02	cps
Molybdenum	98-1	76419	76974	79713	77702	2.27	cps
Neodymium	150-1	300600	296757	306410	301256	1.61	cps
Neodymium	150-2	79924	78746	79076	79249	0.77	cps
Nickel	60-2	155226	157921	155862	156337	0.90	cps
Phosphorus	31-2	22468	22251	22243	22320	0.57	cps
Potassium	39-2	1477761	1483272	1520667	1493900	1.56	cps
Rhodium	103-1	13817639	13619645	13873831	13770371	0.97	cps
Rhodium	103-2	5124716	5009705	5114600	5083007	1.25	cps
Scandium	45-1	12017754	12099338	12042441	12053178	0.35	cps
Scandium	45-2	308621	305594	299393	304536	1.54	cps
Selenium	82-1	1291	1186	414	964	49.69	cps
Selenium	77-2	437	453	357	416	12.44	cps
Selenium	78-2	410	401	416	409	1.85	cps
Silicon	28-1	14046776	13851660	13687100	13861846	1.30	cps
Silver	107-1	54610	51748	54383	53580	2.97	cps
Silver	109-1	50393	50527	49850	50257	0.71	cps
Sodium	23-2	320944	315021	312506	316157	1.37	cps
Strontium	86-1	1603063	1615510	1554940	1591171	2.01	cps
Strontium	88-1	13089542	13786493	12968762	13281599	3.32	cps
Sulfur	34-1	513723	518456	517434	516538	0.48	cps
Terbium	159-1	17419027	17424593	17125916	17323178	0.99	cps
Terbium	159-2	5885709	5832478	5847095	5855094	0.47	cps
Thallium	203-1	12815	12882	12398	12698	2.06	cps
Thallium	205-1	30153	29167	29710	29677	1.66	cps
Tin	118-1	158858	158692	158065	158539	0.26	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-06	Instrumnet Name :	P8
Client Sample ID :	MH1PZ5	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:42:17	DataFile Name :	095AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1490960	1507166	1494852	1497660	0.56	cps
Uranium	238-1	177154	175578	176917	176550	0.48	cps
Vanadium	51-2	521344	510876	510589	514270	1.19	cps
Ytterbium	172-1	43096	43272	43774	43381	0.81	cps
Ytterbium	172-2	17595	17017	16711	17108	2.63	cps
Ytterbium	176-1	27604	28214	27747	27855	1.15	cps
Ytterbium	176-2	17773	17662	17846	17760	0.52	cps
Yttrium	89-1	27055128	28199395	27115653	27456725	2.35	cps
Yttrium	89-2	2571331	2451993	2507958	2510427	2.38	cps
Zinc	66-2	505360	518918	511877	512051	1.32	cps
Zirconium	90-1	71049	74097	71090	72079	2.43	cps
Zirconium	91-1	16360	15834	15968	16054	1.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-07	Instrumnet Name :	P8
Client Sample ID :	MH1PZ6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:45:12	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3300817	3205639	3145630	3217362	2.43	cps
Antimony	121-1	43227	45192	44540	44320	2.26	cps
Arsenic	75-2	10676	10297	10535	10503	1.83	cps
Barium	135-1	3065237	3030509	3075424	3057056	0.77	cps
Barium	137-1	5131220	5180814	5214035	5175356	0.81	cps
Beryllium	9-1	12635	12831	12555	12674	1.12	cps
Bismuth	209-1	9397713	9338552	9340115	9358793	0.36	cps
Bismuth	209-2	3996267	4022227	4037878	4018791	0.52	cps
Boron	10-1	21748	22683	23807	22746	4.53	cps
Boron	11-1	98029	99210	102613	99951	2.38	cps
Bromine	81-1	84070	88018	82792	84960	3.21	cps
Cadmium	111-1	18443	18684	18817	18648	1.02	cps
Cadmium	106-1	9228	10521	9712	9820	6.65	cps
Cadmium	108-1	1563	1533	1488	1528	2.47	cps
Calcium	43-1	7087657	7179152	7082782	7116530	0.76	cps
Calcium	44-1	113743965	114296291	116763893	114934716	1.40	cps
Carbon	12-1	12606180	12772843	12650633	12676552	0.68	cps
Carbon	12-2	116083	117964	123434	119160	3.20	cps
Chlorine	35-1	103973917	119987415	123157832	115706388	8.89	cps
Chlorine	35-2	815276	800294	832163	815911	1.95	cps
Chromium	52-2	230665	229824	231057	230515	0.27	cps
Cobalt	59-2	165237	164968	164253	164819	0.31	cps
Copper	63-2	596083	584943	591483	590836	0.95	cps
Dysprosium	156-1	174781	178552	178662	177332	1.25	cps
Dysprosium	156-2	55910	55475	55579	55655	0.41	cps
Erbium	164-1	136382	132639	136922	135314	1.72	cps
Erbium	164-2	47291	45755	45672	46239	1.97	cps
Gadolinium	160-1	150281	152148	150633	151021	0.66	cps
Gadolinium	160-2	57829	57390	58267	57829	0.76	cps
Holmium	165-1	16500480	15953305	16590033	16347939	2.11	cps
Holmium	165-2	5918673	5812387	5831395	5854152	0.97	cps
Indium	115-1	14555988	15217699	14564216	14779301	2.57	cps
Indium	115-2	1975347	1927544	1909445	1937445	1.76	cps
Iron	54-2	15142262	15275189	15273700	15230384	0.50	cps
Iron	56-2	275612584	273629467	277046645	275429565	0.62	cps
Iron	57-2	7183299	6891504	6979119	7017974	2.13	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-07	Instrumnet Name :	P8
Client Sample ID :	MH1PZ6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:45:12	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12703	13198	13124	13009	2.05	cps
Lead	206-1	3589422	3725403	3605180	3640002	2.04	cps
Lead	207-1	3110417	3108806	3183469	3134231	1.36	cps
Lead	208-1	14122354	14384026	14324804	14277061	0.96	cps
Lithium	6-1	9523710	9399896	9775563	9566390	2.00	cps
Magnesium	24-2	5097119	5043575	4773283	4971326	3.49	cps
Manganese	55-2	3731462	3685045	3707795	3708100	0.63	cps
Molybdenum	94-1	53035	53721	52826	53194	0.88	cps
Molybdenum	95-1	41755	43059	42290	42368	1.55	cps
Molybdenum	96-1	70623	67616	69651	69296	2.21	cps
Molybdenum	97-1	26501	27394	27169	27022	1.72	cps
Molybdenum	98-1	68528	66677	68596	67934	1.60	cps
Neodymium	150-1	280355	284823	286408	283862	1.11	cps
Neodymium	150-2	73541	73815	74396	73917	0.59	cps
Nickel	60-2	111876	110886	110785	111182	0.54	cps
Phosphorus	31-2	22418	21108	19789	21105	6.23	cps
Potassium	39-2	1723302	1676230	1696622	1698718	1.39	cps
Rhodium	103-1	13298672	13806941	13232879	13446164	2.34	cps
Rhodium	103-2	5110311	5055825	5019857	5061998	0.90	cps
Scandium	45-1	12093710	12232079	12059719	12128502	0.75	cps
Scandium	45-2	301528	297214	300901	299881	0.78	cps
Selenium	82-1	764	733	1087	862	22.75	cps
Selenium	77-2	313	440	453	402	19.21	cps
Selenium	78-2	406	375	412	398	4.99	cps
Silicon	28-1	14857001	14481607	14680369	14672992	1.28	cps
Silver	107-1	20633	20833	21342	20936	1.75	cps
Silver	109-1	19523	20032	19831	19795	1.30	cps
Sodium	23-2	282502	282682	283724	282969	0.23	cps
Strontium	86-1	2352707	2342419	2413110	2369412	1.61	cps
Strontium	88-1	20167482	19973321	20235917	20125573	0.68	cps
Sulfur	34-1	523110	525016	520051	522726	0.48	cps
Terbium	159-1	17519970	17607568	17709491	17612343	0.54	cps
Terbium	159-2	5766601	5845216	5913282	5841699	1.26	cps
Thallium	203-1	11772	11213	10496	11161	5.73	cps
Thallium	205-1	25467	24749	26177	25465	2.80	cps
Tin	118-1	106202	106473	109017	107231	1.45	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-07	Instrumnet Name :	P8
Client Sample ID :	MH1PZ6	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:45:12	DataFile Name :	096AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2806996	2736906	2779636	2774513	1.27	cps
Uranium	238-1	209559	210288	216428	212092	1.78	cps
Vanadium	51-2	510633	500731	500868	504077	1.13	cps
Ytterbium	172-1	38966	38532	40279	39259	2.32	cps
Ytterbium	172-2	15226	14831	15637	15231	2.65	cps
Ytterbium	176-1	26486	26828	25500	26271	2.62	cps
Ytterbium	176-2	17200	16983	16689	16957	1.51	cps
Yttrium	89-1	26846086	26795610	26413200	26684965	0.89	cps
Yttrium	89-2	2520709	2404401	2429670	2451593	2.50	cps
Zinc	66-2	489900	487799	500177	492625	1.34	cps
Zirconium	90-1	73711	76166	74583	74820	1.66	cps
Zirconium	91-1	16811	17261	15926	16666	4.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-08	Instrumnet Name :	P8
Client Sample ID :	MH1PZ7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:48:05	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3348332	3259192	3304825	3304116	1.35	cps
Antimony	121-1	98403	98446	98446	98432	0.03	cps
Arsenic	75-2	16317	16122	16465	16301	1.06	cps
Barium	135-1	2638297	2691528	2695518	2675114	1.19	cps
Barium	137-1	4578180	4702699	4673397	4651425	1.40	cps
Beryllium	9-1	14939	14945	14891	14925	0.20	cps
Bismuth	209-1	10008834	9484824	9698094	9730584	2.71	cps
Bismuth	209-2	4105882	4105567	4041583	4084344	0.91	cps
Boron	10-1	34157	36000	37076	35744	4.13	cps
Boron	11-1	153660	159274	168242	160392	4.59	cps
Bromine	81-1	89831	88014	84515	87454	3.09	cps
Cadmium	111-1	46584	46475	46606	46555	0.15	cps
Cadmium	106-1	12172	12715	12548	12478	2.23	cps
Cadmium	108-1	3488	3571	3450	3503	1.77	cps
Calcium	43-1	7627578	7462506	7716740	7602275	1.70	cps
Calcium	44-1	121884227	122962267	123252649	122699714	0.59	cps
Carbon	12-1	16033843	15995189	16111631	16046888	0.37	cps
Carbon	12-2	147606	149624	150795	149342	1.08	cps
Chlorine	35-1	118156473	134066066	139589678	130604072	8.52	cps
Chlorine	35-2	914786	923990	943370	927382	1.57	cps
Chromium	52-2	320131	325315	320948	322131	0.87	cps
Cobalt	59-2	191446	190961	188787	190398	0.74	cps
Copper	63-2	1165306	1153251	1167515	1162024	0.66	cps
Dysprosium	156-1	172521	169265	163253	168347	2.79	cps
Dysprosium	156-2	52600	52724	54776	53367	2.29	cps
Erbium	164-1	138756	130525	130930	133404	3.48	cps
Erbium	164-2	44986	44414	46260	45220	2.09	cps
Gadolinium	160-1	145786	140423	140447	142219	2.17	cps
Gadolinium	160-2	56433	55743	55786	55987	0.69	cps
Holmium	165-1	17044923	16558470	17024954	16876115	1.63	cps
Holmium	165-2	5968380	5856220	6013913	5946171	1.36	cps
Indium	115-1	15070579	14985551	14882877	14979669	0.63	cps
Indium	115-2	1932456	1937774	1917108	1929113	0.56	cps
Iron	54-2	19241524	18378298	18433124	18684315	2.59	cps
Iron	56-2	337359219	342017285	333187785	337521430	1.31	cps
Iron	57-2	8279441	8708607	8462246	8483431	2.54	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-08	Instrumnet Name :	P8
Client Sample ID :	MH1PZ7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:48:05	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12919	13401	13307	13209	1.93	cps
Lead	206-1	11993164	11750394	11650242	11797933	1.49	cps
Lead	207-1	9795911	9838665	9494901	9709826	1.93	cps
Lead	208-1	45889340	45138111	44672157	45233203	1.36	cps
Lithium	6-1	9527799	9024156	9208202	9253386	2.75	cps
Magnesium	24-2	4942361	4802866	4849017	4864748	1.46	cps
Manganese	55-2	4842809	4890901	4739217	4824309	1.61	cps
Molybdenum	94-1	55829	54574	55219	55207	1.14	cps
Molybdenum	95-1	55922	55311	54290	55174	1.49	cps
Molybdenum	96-1	86773	86177	85844	86265	0.55	cps
Molybdenum	97-1	33717	33450	33098	33422	0.93	cps
Molybdenum	98-1	86033	83602	82421	84019	2.19	cps
Neodymium	150-1	277104	272931	271662	273899	1.04	cps
Neodymium	150-2	70545	69738	69999	70094	0.59	cps
Nickel	60-2	142022	142928	140957	141969	0.69	cps
Phosphorus	31-2	30316	31268	30675	30753	1.56	cps
Potassium	39-2	1944445	1961318	1914319	1940027	1.23	cps
Rhodium	103-1	13388376	13933068	13369789	13563744	2.36	cps
Rhodium	103-2	5072278	5047161	5096274	5071905	0.48	cps
Scandium	45-1	12353268	12281859	12369436	12334854	0.38	cps
Scandium	45-2	304508	301545	305034	303695	0.62	cps
Selenium	82-1	1130	836	1224	1063	19.04	cps
Selenium	77-2	423	380	367	390	7.60	cps
Selenium	78-2	433	428	379	413	7.22	cps
Silicon	28-1	11520557	11850354	11982279	11784397	2.02	cps
Silver	107-1	61948	63841	63640	63143	1.65	cps
Silver	109-1	57555	59053	58677	58428	1.33	cps
Sodium	23-2	381477	379680	379868	380342	0.26	cps
Strontium	86-1	2507239	2487432	2571061	2521911	1.73	cps
Strontium	88-1	21709214	21141588	21614550	21488451	1.42	cps
Sulfur	34-1	575996	585485	574935	578805	1.00	cps
Terbium	159-1	17969855	17132968	17222851	17441892	2.63	cps
Terbium	159-2	5852989	5893556	6009562	5918702	1.37	cps
Thallium	203-1	11022	11422	10721	11055	3.18	cps
Thallium	205-1	27204	26436	25359	26333	3.52	cps
Tin	118-1	297084	299409	301412	299302	0.72	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-08	Instrumnet Name :	P8
Client Sample ID :	MH1PZ7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:48:05	DataFile Name :	097AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1955045	1913098	1909551	1925898	1.31	cps
Uranium	238-1	236753	228140	226322	230405	2.42	cps
Vanadium	51-2	493648	492165	496683	494165	0.47	cps
Ytterbium	172-1	38574	39627	39360	39187	1.40	cps
Ytterbium	172-2	15203	15548	15626	15459	1.46	cps
Ytterbium	176-1	26310	26536	26369	26405	0.44	cps
Ytterbium	176-2	16399	17579	17289	17089	3.60	cps
Yttrium	89-1	27477785	27050917	27556763	27361822	0.99	cps
Yttrium	89-2	2466026	2461182	2497620	2474943	0.80	cps
Zinc	66-2	1289143	1284930	1263265	1279112	1.09	cps
Zirconium	90-1	61286	62885	62433	62201	1.33	cps
Zirconium	91-1	13882	13907	14683	14158	3.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-09	Instrumnet Name :	P8
Client Sample ID :	MH1PZ8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:51:00	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3336914	3296648	3310271	3314611	0.62	cps
Antimony	121-1	112504	112857	112454	112605	0.20	cps
Arsenic	75-2	35706	35729	35486	35640	0.38	cps
Barium	135-1	2556732	2547002	2492129	2531954	1.38	cps
Barium	137-1	4202996	4418499	4414073	4345189	2.83	cps
Beryllium	9-1	16382	16834	17063	16760	2.07	cps
Bismuth	209-1	9920297	9800254	9483924	9734825	2.32	cps
Bismuth	209-2	4131665	4153919	4080257	4121947	0.92	cps
Boron	10-1	34404	35528	35767	35233	2.07	cps
Boron	11-1	152195	154042	161178	155805	3.04	cps
Bromine	81-1	89410	91328	90879	90539	1.11	cps
Cadmium	111-1	82196	83307	82387	82630	0.72	cps
Cadmium	106-1	16602	16744	16828	16724	0.68	cps
Cadmium	108-1	6160	6097	6210	6156	0.92	cps
Calcium	43-1	6365961	6373950	6492750	6410887	1.11	cps
Calcium	44-1	103768933	101994786	101461405	102408375	1.18	cps
Carbon	12-1	12346842	12151717	12327125	12275228	0.88	cps
Carbon	12-2	115192	115536	117049	115926	0.85	cps
Chlorine	35-1	106737852	115068869	121978761	114595161	6.66	cps
Chlorine	35-2	777665	804306	834678	805550	3.54	cps
Chromium	52-2	214658	214960	215353	214991	0.16	cps
Cobalt	59-2	198615	197859	196265	197579	0.61	cps
Copper	63-2	1620157	1598693	1575566	1598139	1.40	cps
Dysprosium	156-1	156709	156184	152865	155253	1.34	cps
Dysprosium	156-2	48451	49532	48321	48768	1.36	cps
Erbium	164-1	120697	124574	124311	123194	1.76	cps
Erbium	164-2	42140	42107	41813	42020	0.43	cps
Gadolinium	160-1	133146	131170	135321	133212	1.56	cps
Gadolinium	160-2	52517	50937	51670	51708	1.53	cps
Holmium	165-1	15986153	16468790	16599040	16351328	1.97	cps
Holmium	165-2	5890079	6113585	6074111	6025925	1.98	cps
Indium	115-1	14598918	15231003	14368724	14732882	3.03	cps
Indium	115-2	1974238	1923518	1938437	1945398	1.34	cps
Iron	54-2	21028951	21437242	21047216	21171136	1.09	cps
Iron	56-2	387902409	384895475	388642020	387146635	0.51	cps
Iron	57-2	9703887	9616744	9695792	9672141	0.50	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-09	Instrumnet Name :	P8
Client Sample ID :	MH1PZ8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:51:00	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13223	13271	13742	13412	2.14	cps
Lead	206-1	14598193	14220199	14687297	14501896	1.71	cps
Lead	207-1	12675011	11988132	12522580	12395241	2.91	cps
Lead	208-1	59075916	56233427	57942678	57750674	2.48	cps
Lithium	6-1	8858974	8989767	9166447	9005063	1.71	cps
Magnesium	24-2	4022889	4169451	4107598	4099979	1.79	cps
Manganese	55-2	5501950	5473338	5637803	5537697	1.59	cps
Molybdenum	94-1	60315	63094	61119	61509	2.33	cps
Molybdenum	95-1	46646	46336	45542	46175	1.23	cps
Molybdenum	96-1	83351	82329	81995	82558	0.86	cps
Molybdenum	97-1	27929	28204	28839	28324	1.65	cps
Molybdenum	98-1	71820	72599	71032	71817	1.09	cps
Neodymium	150-1	245874	242813	244405	244364	0.63	cps
Neodymium	150-2	66203	65205	63919	65109	1.76	cps
Nickel	60-2	136433	138250	139565	138082	1.14	cps
Phosphorus	31-2	25415	27076	25523	26004	3.57	cps
Potassium	39-2	1403287	1424061	1454880	1427409	1.82	cps
Rhodium	103-1	13749844	13833283	13436061	13673062	1.53	cps
Rhodium	103-2	5159529	5020505	5100562	5093532	1.37	cps
Scandium	45-1	12572392	12670046	11840552	12360997	3.67	cps
Scandium	45-2	302568	306949	309866	306461	1.20	cps
Selenium	82-1	868	1175	779	941	22.05	cps
Selenium	77-2	333	357	297	329	9.20	cps
Selenium	78-2	389	384	351	375	5.51	cps
Silicon	28-1	11409352	10234149	10809034	10817512	5.43	cps
Silver	107-1	118281	120194	121780	120085	1.46	cps
Silver	109-1	109964	110098	114089	111384	2.10	cps
Sodium	23-2	568281	578941	602245	583156	2.98	cps
Strontium	86-1	2547345	2512751	2463798	2507965	1.67	cps
Strontium	88-1	21268860	20974973	20866585	21036806	0.99	cps
Sulfur	34-1	564437	559442	554362	559414	0.90	cps
Terbium	159-1	17109269	17667314	17499698	17425427	1.64	cps
Terbium	159-2	6076187	5947480	5911202	5978290	1.45	cps
Thallium	203-1	12573	13065	13299	12979	2.85	cps
Thallium	205-1	30871	31422	30537	30943	1.45	cps
Tin	118-1	407830	417305	421397	415511	1.67	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-09	Instrumnet Name :	P8
Client Sample ID :	MH1PZ8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:51:00	DataFile Name :	098AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1698650	1730697	1697500	1708949	1.10	cps
Uranium	238-1	185314	186355	181031	184233	1.53	cps
Vanadium	51-2	477342	481856	477105	478768	0.56	cps
Ytterbium	172-1	36927	37412	38900	37747	2.72	cps
Ytterbium	172-2	15420	15215	15059	15231	1.19	cps
Ytterbium	176-1	25150	25283	25266	25233	0.29	cps
Ytterbium	176-2	15732	16577	16494	16268	2.86	cps
Yttrium	89-1	27528753	26543970	26977020	27016581	1.83	cps
Yttrium	89-2	2530647	2508557	2509306	2516170	0.50	cps
Zinc	66-2	1379146	1366815	1346372	1364111	1.21	cps
Zirconium	90-1	91994	92456	93489	92646	0.83	cps
Zirconium	91-1	21050	20474	20340	20621	1.83	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-10	Instrumnet Name :	P8
Client Sample ID :	MH1PZ9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:53:53	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3909299	3820374	3947789	3892488	1.68	cps
Antimony	121-1	101643	100813	101761	101406	0.51	cps
Arsenic	75-2	37080	36878	36971	36976	0.27	cps
Barium	135-1	2595300	2591077	2550286	2578888	0.96	cps
Barium	137-1	4419164	4488595	4470630	4459463	0.81	cps
Beryllium	9-1	17663	17497	17571	17577	0.47	cps
Bismuth	209-1	9567732	9971953	9711873	9750520	2.10	cps
Bismuth	209-2	4059205	3791545	3966897	3939216	3.45	cps
Boron	10-1	31748	33845	33597	33063	3.46	cps
Boron	11-1	137792	146621	150398	144937	4.46	cps
Bromine	81-1	82740	80323	86860	83308	3.97	cps
Cadmium	111-1	78388	76720	78660	77923	1.35	cps
Cadmium	106-1	16035	15584	15818	15812	1.43	cps
Cadmium	108-1	5780	5830	5580	5730	2.31	cps
Calcium	43-1	4653586	4702120	4610835	4655514	0.98	cps
Calcium	44-1	74344681	74475931	75206603	74675738	0.62	cps
Carbon	12-1	11056421	11243436	11251895	11183917	0.99	cps
Carbon	12-2	104924	105412	106360	105565	0.69	cps
Chlorine	35-1	112642678	124643794	129365445	122217306	7.05	cps
Chlorine	35-2	859162	880914	884588	874888	1.57	cps
Chromium	52-2	216822	215107	216930	216286	0.47	cps
Cobalt	59-2	197891	200062	196750	198234	0.85	cps
Copper	63-2	1414002	1390464	1421923	1408796	1.16	cps
Dysprosium	156-1	188820	184386	188347	187184	1.30	cps
Dysprosium	156-2	60272	58487	59211	59323	1.51	cps
Erbium	164-1	151740	150464	148607	150270	1.05	cps
Erbium	164-2	50496	49750	48729	49658	1.79	cps
Gadolinium	160-1	160514	162695	159905	161038	0.91	cps
Gadolinium	160-2	63826	63819	62285	63310	1.40	cps
Holmium	165-1	17470583	16355958	16828141	16884894	3.31	cps
Holmium	165-2	5988532	5507532	5882173	5792746	4.36	cps
Indium	115-1	15193382	15370952	14517156	15027164	3.00	cps
Indium	115-2	1997476	1844627	1845954	1896019	4.63	cps
Iron	54-2	18480779	18674646	18584796	18580074	0.52	cps
Iron	56-2	337931063	334339007	338733341	337001137	0.69	cps
Iron	57-2	8628616	8375362	8397729	8467236	1.66	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-10	Instrumnet Name :	P8
Client Sample ID :	MH1PZ9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:53:53	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13216	13768	14050	13678	3.10	cps
Lead	206-1	11949467	12030164	11847765	11942465	0.77	cps
Lead	207-1	10194728	10267879	10585393	10349333	2.01	cps
Lead	208-1	47863150	48168340	47948017	47993169	0.33	cps
Lithium	6-1	9589868	9262028	8943641	9265179	3.49	cps
Magnesium	24-2	4345734	4334865	4630975	4437191	3.78	cps
Manganese	55-2	4630727	4708946	4677728	4672467	0.84	cps
Molybdenum	94-1	72615	76168	74132	74305	2.40	cps
Molybdenum	95-1	49380	50283	50350	50004	1.08	cps
Molybdenum	96-1	82573	83133	85248	83651	1.69	cps
Molybdenum	97-1	30785	31395	30593	30924	1.35	cps
Molybdenum	98-1	77886	80459	78958	79101	1.63	cps
Neodymium	150-1	306923	301074	308043	305347	1.23	cps
Neodymium	150-2	78807	78160	78214	78394	0.46	cps
Nickel	60-2	144345	145251	142826	144141	0.85	cps
Phosphorus	31-2	23987	24071	23670	23909	0.88	cps
Potassium	39-2	1496665	1504535	1493814	1498338	0.37	cps
Rhodium	103-1	13761362	13673593	13811358	13748771	0.51	cps
Rhodium	103-2	5266822	4757210	4812606	4945546	5.65	cps
Scandium	45-1	12565122	12355275	12421337	12447245	0.86	cps
Scandium	45-2	298629	285057	295112	292933	2.40	cps
Selenium	82-1	1138	857	1010	1002	14.06	cps
Selenium	77-2	473	377	503	451	14.67	cps
Selenium	78-2	443	456	436	445	2.28	cps
Silicon	28-1	12925867	13266760	13169805	13120811	1.34	cps
Silver	107-1	109973	110309	111452	110578	0.70	cps
Silver	109-1	106228	107982	103807	106006	1.98	cps
Sodium	23-2	788743	788765	810338	795949	1.57	cps
Strontium	86-1	2156729	2254963	2201283	2204325	2.23	cps
Strontium	88-1	18460663	18470984	18569231	18500293	0.32	cps
Sulfur	34-1	533448	543036	541650	539378	0.96	cps
Terbium	159-1	17800824	17474838	17083086	17452916	2.06	cps
Terbium	159-2	5961167	5508694	5756473	5742111	3.95	cps
Thallium	203-1	13850	13357	14283	13830	3.35	cps
Thallium	205-1	32876	34606	34606	34029	2.93	cps
Tin	118-1	288063	305640	290786	294830	3.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-10	Instrumnet Name :	P8
Client Sample ID :	MH1PZ9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:53:53	DataFile Name :	099AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1701652	1712673	1707902	1707409	0.32	cps
Uranium	238-1	207161	201844	205337	204781	1.32	cps
Vanadium	51-2	526823	524521	522271	524539	0.43	cps
Ytterbium	172-1	45487	44827	43799	44704	1.90	cps
Ytterbium	172-2	18118	18007	17690	17938	1.24	cps
Ytterbium	176-1	29843	29350	29693	29628	0.85	cps
Ytterbium	176-2	17923	18035	18669	18209	2.21	cps
Yttrium	89-1	27782660	28165925	27438293	27795626	1.31	cps
Yttrium	89-2	2648303	2324881	2419466	2464217	6.75	cps
Zinc	66-2	849025	861126	843522	851225	1.06	cps
Zirconium	90-1	122992	133403	124506	126967	4.43	cps
Zirconium	91-1	27503	27327	26885	27238	1.17	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-11	Instrumnet Name :	P8
Client Sample ID :	MH1Q00	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:56:48	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3268445	3195310	3192271	3218675	1.34	cps
Antimony	121-1	213958	216225	213958	214714	0.61	cps
Arsenic	75-2	207381	208659	207721	207921	0.32	cps
Barium	135-1	2153242	2110922	2127001	2130388	1.00	cps
Barium	137-1	3652614	3631412	3702436	3662154	1.00	cps
Beryllium	9-1	14903	14658	14769	14777	0.83	cps
Bismuth	209-1	9868719	9846712	9832425	9849285	0.19	cps
Bismuth	209-2	4099969	4176114	4117177	4131086	0.97	cps
Boron	10-1	31768	31177	31823	31589	1.13	cps
Boron	11-1	137264	140372	144761	140799	2.68	cps
Bromine	81-1	97028	97248	95786	96687	0.81	cps
Cadmium	111-1	38101	38336	37595	38011	1.00	cps
Cadmium	106-1	11547	11839	12014	11800	2.00	cps
Cadmium	108-1	3075	3109	2959	3048	2.59	cps
Calcium	43-1	3385182	3208281	3246968	3280144	2.84	cps
Calcium	44-1	53995717	50748689	52421068	52388491	3.10	cps
Carbon	12-1	27233556	26832569	26872151	26979425	0.82	cps
Carbon	12-2	254565	253136	248729	252143	1.21	cps
Chlorine	35-1	114325561	121803115	131871161	122666612	7.18	cps
Chlorine	35-2	818936	832065	837461	829487	1.15	cps
Chromium	52-2	538718	535832	530747	535099	0.75	cps
Cobalt	59-2	165838	167911	165843	166531	0.72	cps
Copper	63-2	1429813	1425422	1415403	1423546	0.52	cps
Dysprosium	156-1	172500	170879	167382	170254	1.54	cps
Dysprosium	156-2	50784	52449	51600	51611	1.61	cps
Erbium	164-1	125467	125921	127730	126373	0.95	cps
Erbium	164-2	42719	42789	42555	42688	0.28	cps
Gadolinium	160-1	141415	143875	140428	141906	1.25	cps
Gadolinium	160-2	55164	54461	54086	54570	1.00	cps
Holmium	165-1	17666963	17118631	17032514	17272703	1.99	cps
Holmium	165-2	6045037	6232746	6005064	6094282	1.99	cps
Indium	115-1	15141985	15016812	15517343	15225380	1.71	cps
Indium	115-2	1990615	2003397	1972308	1988773	0.79	cps
Iron	54-2	16118694	15623915	15601552	15781387	1.85	cps
Iron	56-2	283738362	283547067	276820840	281368756	1.40	cps
Iron	57-2	7210282	7165158	7203439	7192960	0.34	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-11	Instrumnet Name :	P8
Client Sample ID :	MH1Q00	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:56:48	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13424	13594	13342	13453	0.95	cps
Lead	206-1	20293475	20949868	21190949	20811431	2.23	cps
Lead	207-1	17057644	17815925	17412175	17428582	2.18	cps
Lead	208-1	79713331	82607272	81108699	81143101	1.78	cps
Lithium	6-1	9173177	9500266	9120008	9264484	2.22	cps
Magnesium	24-2	4847398	4660132	4681344	4729625	2.17	cps
Manganese	55-2	4070187	4071798	4072098	4071361	0.03	cps
Molybdenum	94-1	55369	57176	57085	56544	1.80	cps
Molybdenum	95-1	52090	50275	50877	51081	1.81	cps
Molybdenum	96-1	82262	82103	80369	81578	1.29	cps
Molybdenum	97-1	32288	32539	32789	32539	0.77	cps
Molybdenum	98-1	80669	81004	80166	80613	0.52	cps
Neodymium	150-1	275068	276493	274667	275410	0.35	cps
Neodymium	150-2	70636	72318	70122	71025	1.62	cps
Nickel	60-2	121149	119311	119067	119842	0.95	cps
Phosphorus	31-2	41920	41443	41761	41708	0.58	cps
Potassium	39-2	2031192	2087174	1999831	2039399	2.17	cps
Rhodium	103-1	13932554	14606229	14068675	14202486	2.51	cps
Rhodium	103-2	5134623	5337760	5235982	5236122	1.94	cps
Scandium	45-1	12627493	12364945	12291712	12428050	1.42	cps
Scandium	45-2	311467	307071	305706	308082	0.98	cps
Selenium	82-1	1813	1666	1494	1658	9.63	cps
Selenium	77-2	390	403	460	418	8.90	cps
Selenium	78-2	448	424	449	440	3.21	cps
Silicon	28-1	13067719	12304178	12294032	12555310	3.53	cps
Silver	107-1	47065	46622	46755	46814	0.49	cps
Silver	109-1	44891	44640	44799	44777	0.28	cps
Sodium	23-2	267360	254508	258447	260105	2.53	cps
Strontium	86-1	1625246	1643301	1610913	1626486	1.00	cps
Strontium	88-1	13839955	13727212	13902966	13823378	0.64	cps
Sulfur	34-1	661943	660517	664296	662252	0.29	cps
Terbium	159-1	18146320	17905521	17455908	17835916	1.96	cps
Terbium	159-2	6029252	5983521	5958794	5990523	0.60	cps
Thallium	203-1	9571	9529	9612	9570	0.44	cps
Thallium	205-1	23030	24173	23797	23667	2.46	cps
Tin	118-1	236511	235779	237692	236661	0.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-11	Instrumnet Name :	P8
Client Sample ID :	MH1Q00	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:56:48	DataFile Name :	100AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1971364	1965026	1959926	1965439	0.29	cps
Uranium	238-1	291583	282309	292621	288838	1.97	cps
Vanadium	51-2	435909	432180	433037	433708	0.45	cps
Ytterbium	172-1	39585	39393	38239	39072	1.86	cps
Ytterbium	172-2	15098	15520	16071	15563	3.14	cps
Ytterbium	176-1	25701	26636	26327	26221	1.82	cps
Ytterbium	176-2	16889	17250	17128	17089	1.08	cps
Yttrium	89-1	28423635	27227131	27524214	27724993	2.25	cps
Yttrium	89-2	2540185	2610366	2536806	2562452	1.62	cps
Zinc	66-2	1318561	1312774	1314330	1315222	0.23	cps
Zirconium	90-1	72539	73729	72641	72970	0.90	cps
Zirconium	91-1	17637	17336	17228	17400	1.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-12	Instrumnet Name :	P8
Client Sample ID :	MH1Q01	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:59:41	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3022425	3102338	3093852	3072871	1.43	cps
Antimony	121-1	193253	198175	197151	196193	1.32	cps
Arsenic	75-2	218820	219717	219536	219358	0.22	cps
Barium	135-1	1737168	1740410	1692386	1723321	1.56	cps
Barium	137-1	2937549	2957299	2900830	2931893	0.98	cps
Beryllium	9-1	11899	11838	11600	11779	1.34	cps
Bismuth	209-1	9708238	9532903	9211121	9484087	2.66	cps
Bismuth	209-2	3922270	3906383	4045881	3958178	1.93	cps
Boron	10-1	16306	16298	16096	16233	0.73	cps
Boron	11-1	69867	73917	73538	72441	3.09	cps
Bromine	81-1	89994	88149	96051	91398	4.52	cps
Cadmium	111-1	37448	37162	37463	37358	0.45	cps
Cadmium	106-1	11347	11989	11472	11602	2.93	cps
Cadmium	108-1	2805	2692	2688	2728	2.43	cps
Calcium	43-1	3820604	4046207	3834878	3900563	3.24	cps
Calcium	44-1	61886914	64572868	61404183	62621322	2.73	cps
Carbon	12-1	12417903	12543619	12742478	12568000	1.30	cps
Carbon	12-2	119493	118536	116629	118219	1.23	cps
Chlorine	35-1	116888803	129765224	139400386	128684804	8.78	cps
Chlorine	35-2	910420	912401	942899	921907	1.97	cps
Chromium	52-2	251619	258235	252377	254077	1.43	cps
Cobalt	59-2	151249	150532	153857	151880	1.15	cps
Copper	63-2	847109	832261	838462	839278	0.89	cps
Dysprosium	156-1	162117	163272	164095	163161	0.61	cps
Dysprosium	156-2	51208	52158	51265	51544	1.03	cps
Erbium	164-1	126528	127923	129700	128050	1.24	cps
Erbium	164-2	42357	42628	42565	42517	0.33	cps
Gadolinium	160-1	140294	140358	138376	139676	0.81	cps
Gadolinium	160-2	53708	54618	54200	54175	0.84	cps
Holmium	165-1	16283101	16484418	16607397	16458305	0.99	cps
Holmium	165-2	6014504	6033751	6080743	6042999	0.56	cps
Indium	115-1	14849026	14729567	14501083	14693225	1.20	cps
Indium	115-2	1945335	1937467	1937523	1940108	0.23	cps
Iron	54-2	14180908	14527345	14655278	14454511	1.70	cps
Iron	56-2	262302939	266433423	267213556	265316639	0.99	cps
Iron	57-2	6613478	6705466	6555285	6624743	1.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-12	Instrumnet Name :	P8
Client Sample ID :	MH1Q01	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:59:41	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13071	13350	13217	13212	1.06	cps
Lead	206-1	6724921	6639056	6514263	6626080	1.60	cps
Lead	207-1	5870509	5635340	5476465	5660771	3.50	cps
Lead	208-1	26879779	26506391	25630720	26338963	2.43	cps
Lithium	6-1	9157746	9159040	9008714	9108500	0.95	cps
Magnesium	24-2	3486257	3670661	3473153	3543357	3.12	cps
Manganese	55-2	2658789	2642074	2720452	2673771	1.54	cps
Molybdenum	94-1	47892	48444	49891	48742	2.12	cps
Molybdenum	95-1	33625	34936	35187	34583	2.43	cps
Molybdenum	96-1	61924	60307	62108	61446	1.61	cps
Molybdenum	97-1	20850	22085	21267	21400	2.94	cps
Molybdenum	98-1	54248	54742	54282	54424	0.51	cps
Neodymium	150-1	263516	265073	262512	263700	0.49	cps
Neodymium	150-2	69342	71172	69563	70026	1.43	cps
Nickel	60-2	92646	93240	91486	92458	0.96	cps
Phosphorus	31-2	22635	22510	21700	22282	2.28	cps
Potassium	39-2	1123729	1128580	1148644	1133651	1.17	cps
Rhodium	103-1	13820600	13820154	13789158	13809971	0.13	cps
Rhodium	103-2	5178940	4974647	5081239	5078276	2.01	cps
Scandium	45-1	12272344	12405253	11721229	12132942	2.99	cps
Scandium	45-2	297697	302243	302307	300749	0.88	cps
Selenium	82-1	1127	923	931	994	11.63	cps
Selenium	77-2	393	357	347	366	6.72	cps
Selenium	78-2	368	390	395	384	3.74	cps
Silicon	28-1	11062019	10900306	10586405	10849577	2.23	cps
Silver	107-1	40109	39951	40828	40296	1.16	cps
Silver	109-1	38814	40988	37869	39224	4.08	cps
Sodium	23-2	232474	235197	233233	233634	0.60	cps
Strontium	86-1	1447539	1422053	1441148	1436913	0.92	cps
Strontium	88-1	11728675	12036532	12135584	11966930	1.77	cps
Sulfur	34-1	495427	489302	490049	491593	0.68	cps
Terbium	159-1	17105607	17107184	16797826	17003539	1.05	cps
Terbium	159-2	5809813	5904396	5861803	5858671	0.81	cps
Thallium	203-1	9229	9929	9120	9426	4.66	cps
Thallium	205-1	23505	23230	22337	23024	2.65	cps
Tin	118-1	168336	170683	170039	169686	0.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-12	Instrumnet Name :	P8
Client Sample ID :	MH1Q01	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 17:59:41	DataFile Name :	101AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1315631	1352986	1316681	1328433	1.60	cps
Uranium	238-1	180276	179177	185775	181743	1.95	cps
Vanadium	51-2	478807	473873	475239	475973	0.54	cps
Ytterbium	172-1	37412	37354	35591	36786	2.81	cps
Ytterbium	172-2	14569	14759	14636	14655	0.65	cps
Ytterbium	176-1	24490	24674	24782	24649	0.60	cps
Ytterbium	176-2	15393	15954	16455	15934	3.34	cps
Yttrium	89-1	27283659	27037231	27080967	27133952	0.48	cps
Yttrium	89-2	2486351	2453657	2385590	2441866	2.11	cps
Zinc	66-2	564815	561040	564248	563367	0.36	cps
Zirconium	90-1	76829	74617	74315	75254	1.82	cps
Zirconium	91-1	17153	18054	16635	17281	4.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-13	Instrumnet Name :	P8
Client Sample ID :	MH1Q02	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:02:37	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3381806	3256704	3404952	3347821	2.38	cps
Antimony	121-1	154316	155007	153913	154412	0.36	cps
Arsenic	75-2	168327	167400	169147	168291	0.52	cps
Barium	135-1	1908574	1906063	1900553	1905063	0.22	cps
Barium	137-1	3295152	3287349	3223988	3268830	1.19	cps
Beryllium	9-1	11500	11889	11672	11687	1.66	cps
Bismuth	209-1	9678374	8677299	9488263	9281312	5.73	cps
Bismuth	209-2	3960747	3946042	4112347	4006379	2.30	cps
Boron	10-1	12843	13484	13269	13199	2.47	cps
Boron	11-1	58247	58079	60690	59005	2.48	cps
Bromine	81-1	88584	96363	91243	92064	4.29	cps
Cadmium	111-1	19706	19903	19586	19732	0.81	cps
Cadmium	106-1	9837	9412	9378	9542	2.68	cps
Cadmium	108-1	1571	1525	1521	1539	1.80	cps
Calcium	43-1	7481766	7572815	7285186	7446589	1.97	cps
Calcium	44-1	121100609	120441951	117841106	119794555	1.44	cps
Carbon	12-1	10910760	10923384	11088039	10974061	0.90	cps
Carbon	12-2	100008	103548	107821	103792	3.77	cps
Chlorine	35-1	112729590	123615349	133080724	123141887	8.27	cps
Chlorine	35-2	845761	876623	889571	870652	2.59	cps
Chromium	52-2	171652	174240	173691	173194	0.79	cps
Cobalt	59-2	144473	142828	144791	144031	0.73	cps
Copper	63-2	430963	444529	447716	441069	2.02	cps
Dysprosium	156-1	158523	167890	167108	164507	3.16	cps
Dysprosium	156-2	51329	51533	54086	52316	2.94	cps
Erbium	164-1	124987	130423	124988	126799	2.47	cps
Erbium	164-2	42381	42314	42782	42492	0.60	cps
Gadolinium	160-1	142567	139991	140682	141080	0.95	cps
Gadolinium	160-2	55485	54254	55679	55139	1.40	cps
Holmium	165-1	16757671	15504239	16216574	16159495	3.89	cps
Holmium	165-2	5846301	5571314	5955764	5791126	3.42	cps
Indium	115-1	14916923	13793263	14980283	14563490	4.59	cps
Indium	115-2	1936690	1879534	1885775	1900666	1.65	cps
Iron	54-2	12394602	12417509	12429723	12413945	0.14	cps
Iron	56-2	230738905	229521883	227540188	229266992	0.70	cps
Iron	57-2	5677334	5645214	5709243	5677264	0.56	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-13	Instrumnet Name :	P8
Client Sample ID :	MH1Q02	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:02:37	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12917	13496	13261	13225	2.20	cps
Lead	206-1	2259257	2410634	2348887	2339593	3.25	cps
Lead	207-1	2004368	1988197	1989972	1994179	0.44	cps
Lead	208-1	9191731	9384064	9257954	9277916	1.05	cps
Lithium	6-1	9190820	8686341	8596082	8824414	3.63	cps
Magnesium	24-2	4525356	4306624	4360344	4397441	2.59	cps
Manganese	55-2	2103636	2063871	2133433	2100313	1.66	cps
Molybdenum	94-1	40777	39549	39381	39902	1.91	cps
Molybdenum	95-1	36465	36524	36106	36365	0.62	cps
Molybdenum	96-1	56860	58818	58591	58090	1.84	cps
Molybdenum	97-1	21876	22652	22636	22388	1.98	cps
Molybdenum	98-1	55245	56072	56340	55886	1.02	cps
Neodymium	150-1	267470	281359	274633	274488	2.53	cps
Neodymium	150-2	69674	71044	72334	71018	1.87	cps
Nickel	60-2	84396	83581	85563	84513	1.18	cps
Phosphorus	31-2	18454	17361	18479	18098	3.53	cps
Potassium	39-2	1089872	1117054	1182452	1129793	4.21	cps
Rhodium	103-1	13617694	12349177	13383173	13116681	5.15	cps
Rhodium	103-2	5042418	5172954	4982103	5065825	1.93	cps
Scandium	45-1	12403583	11145441	12111492	11886839	5.54	cps
Scandium	45-2	300005	297131	302935	300024	0.97	cps
Selenium	82-1	992	582	1040	871	28.90	cps
Selenium	77-2	400	323	340	354	11.38	cps
Selenium	78-2	386	366	406	386	5.18	cps
Silicon	28-1	10327648	10839531	10504151	10557110	2.46	cps
Silver	107-1	19548	18763	18863	19058	2.24	cps
Silver	109-1	18504	18371	18012	18296	1.39	cps
Sodium	23-2	300992	307971	299122	302695	1.54	cps
Strontium	86-1	1676110	1666420	1724378	1688970	1.84	cps
Strontium	88-1	13916935	14011583	14179383	14035967	0.95	cps
Sulfur	34-1	479859	482368	483829	482019	0.42	cps
Terbium	159-1	17072679	15714394	17044664	16610579	4.67	cps
Terbium	159-2	5800944	5847460	5886859	5845088	0.74	cps
Thallium	203-1	9279	10388	9937	9868	5.65	cps
Thallium	205-1	23205	23355	23522	23361	0.68	cps
Tin	118-1	84855	86658	87656	86390	1.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-13	Instrumnet Name :	P8
Client Sample ID :	MH1Q02	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:02:37	DataFile Name :	102AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1318798	1345514	1297583	1320632	1.82	cps
Uranium	238-1	179899	170939	172568	174469	2.74	cps
Vanadium	51-2	472760	469183	475549	472497	0.68	cps
Ytterbium	172-1	36384	36242	37596	36741	2.03	cps
Ytterbium	172-2	14258	14775	14191	14408	2.22	cps
Ytterbium	176-1	24607	24281	24365	24418	0.69	cps
Ytterbium	176-2	15687	15982	16249	15973	1.76	cps
Yttrium	89-1	26629395	24697036	26983979	26103470	4.72	cps
Yttrium	89-2	2408246	2566037	2466908	2480397	3.22	cps
Zinc	66-2	247073	242718	244326	244706	0.90	cps
Zirconium	90-1	52935	53286	52207	52809	1.04	cps
Zirconium	91-1	12564	11447	12239	12083	4.76	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-14	Instrumnet Name :	P8
Client Sample ID :	MH1Q03	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:05:30	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2825869	2968427	2882435	2892244	2.48	cps
Antimony	121-1	93696	97045	96449	95730	1.87	cps
Arsenic	75-2	130621	129571	130109	130100	0.40	cps
Barium	135-1	1832671	1818676	1827277	1826208	0.39	cps
Barium	137-1	3232245	3085579	3159122	3158982	2.32	cps
Beryllium	9-1	11104	11090	10932	11042	0.87	cps
Bismuth	209-1	9243370	9461624	9617532	9440842	1.99	cps
Bismuth	209-2	4090251	4101289	4019053	4070198	1.10	cps
Boron	10-1	11740	11062	11694	11499	3.30	cps
Boron	11-1	50099	50163	51469	50577	1.53	cps
Bromine	81-1	87056	95855	90780	91230	4.84	cps
Cadmium	111-1	16903	17847	16772	17174	3.41	cps
Cadmium	106-1	9195	9278	9479	9317	1.56	cps
Cadmium	108-1	1100	1338	1279	1239	9.99	cps
Calcium	43-1	7620929	7852077	7428176	7633728	2.78	cps
Calcium	44-1	124077974	125865965	120045468	123329803	2.42	cps
Carbon	12-1	10409315	10526968	10430740	10455674	0.60	cps
Carbon	12-2	98220	98539	100535	99098	1.27	cps
Chlorine	35-1	123331936	136095141	141027145	133484740	6.84	cps
Chlorine	35-2	913524	926789	960785	933699	2.61	cps
Chromium	52-2	163341	163148	164669	163719	0.51	cps
Cobalt	59-2	136879	137048	137362	137096	0.18	cps
Copper	63-2	379267	372990	371487	374581	1.10	cps
Dysprosium	156-1	162664	164009	161644	162772	0.73	cps
Dysprosium	156-2	49595	51155	51472	50741	1.98	cps
Erbium	164-1	127437	123221	123121	124593	1.98	cps
Erbium	164-2	40141	42599	41197	41312	2.98	cps
Gadolinium	160-1	135343	139651	136799	137264	1.60	cps
Gadolinium	160-2	52614	53223	54103	53313	1.40	cps
Holmium	165-1	16459620	17113150	16884086	16818952	1.97	cps
Holmium	165-2	5742934	5857162	5874230	5824776	1.23	cps
Indium	115-1	15095202	14708886	14756169	14853419	1.42	cps
Indium	115-2	1912641	1938696	2022490	1957942	2.93	cps
Iron	54-2	10866531	11242598	11270307	11126479	2.03	cps
Iron	56-2	201619438	200493266	203140927	201751210	0.66	cps
Iron	57-2	5200606	5054717	5051905	5102409	1.67	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-14	Instrumnet Name :	P8
Client Sample ID :	MH1Q03	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:05:30	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13506	13320	13133	13320	1.40	cps
Lead	206-1	2060303	2131133	2090637	2094024	1.70	cps
Lead	207-1	1654778	1725414	1713597	1697929	2.23	cps
Lead	208-1	7820416	8051840	8017270	7963175	1.57	cps
Lithium	6-1	9229257	8633820	9291023	9051366	4.01	cps
Magnesium	24-2	4242311	4387128	4361097	4330179	1.78	cps
Manganese	55-2	1993129	1972982	2047029	2004380	1.91	cps
Molybdenum	94-1	48134	48736	47599	48156	1.18	cps
Molybdenum	95-1	37936	37828	37819	37861	0.17	cps
Molybdenum	96-1	62526	58400	57813	59580	4.31	cps
Molybdenum	97-1	23796	22402	23596	23265	3.24	cps
Molybdenum	98-1	60022	61981	60366	60790	1.72	cps
Neodymium	150-1	262412	262610	267036	264020	0.99	cps
Neodymium	150-2	68036	69134	67814	68328	1.03	cps
Nickel	60-2	83960	85650	87095	85568	1.83	cps
Phosphorus	31-2	18295	19313	18654	18754	2.75	cps
Potassium	39-2	1004038	999746	1013149	1005645	0.68	cps
Rhodium	103-1	13437515	13737657	14095513	13756895	2.39	cps
Rhodium	103-2	4970359	5021152	5202954	5064822	2.41	cps
Scandium	45-1	12147379	12376888	12221244	12248504	0.96	cps
Scandium	45-2	298132	291353	294192	294559	1.16	cps
Selenium	82-1	547	1040	789	792	31.12	cps
Selenium	77-2	367	387	407	387	5.17	cps
Selenium	78-2	374	337	376	362	6.06	cps
Silicon	28-1	14608260	15116527	14695019	14806602	1.84	cps
Silver	107-1	14600	14892	15584	15025	3.36	cps
Silver	109-1	14583	14850	14675	14703	0.92	cps
Sodium	23-2	289206	291414	296536	292385	1.29	cps
Strontium	86-1	1833367	1903640	1825633	1854213	2.32	cps
Strontium	88-1	15519837	15898445	15581731	15666671	1.30	cps
Sulfur	34-1	481873	487498	485694	485021	0.59	cps
Terbium	159-1	16996939	17413079	17594059	17334693	1.77	cps
Terbium	159-2	5857989	5754520	5933684	5848731	1.54	cps
Thallium	203-1	9279	8903	8912	9031	2.37	cps
Thallium	205-1	22946	22712	21769	22476	2.77	cps
Tin	118-1	56183	56183	56485	56283	0.31	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-14	Instrumnet Name :	P8
Client Sample ID :	MH1Q03	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:05:30	DataFile Name :	103AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1115533	1108120	1063554	1095736	2.57	cps
Uranium	238-1	158685	156906	159704	158432	0.89	cps
Vanadium	51-2	436750	440738	439169	438886	0.46	cps
Ytterbium	172-1	35783	36543	35816	36047	1.19	cps
Ytterbium	172-2	14403	14013	13852	14089	2.01	cps
Ytterbium	176-1	23981	24832	24966	24593	2.17	cps
Ytterbium	176-2	15415	16427	15593	15812	3.42	cps
Yttrium	89-1	26776679	27531105	27377637	27228473	1.46	cps
Yttrium	89-2	2440740	2429154	2517330	2462408	1.95	cps
Zinc	66-2	226732	225600	228581	226971	0.66	cps
Zirconium	90-1	71944	74500	73168	73204	1.75	cps
Zirconium	91-1	16560	16477	16894	16644	1.33	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-15	Instrumnet Name :	P8
Client Sample ID :	MH1Q04	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:08:26	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3139457	3136686	3099836	3125327	0.71	cps
Antimony	121-1	83840	84990	84343	84391	0.68	cps
Arsenic	75-2	34450	34124	33962	34179	0.73	cps
Barium	135-1	2862131	2777138	2827720	2822330	1.51	cps
Barium	137-1	4880888	4829404	4772813	4827702	1.12	cps
Beryllium	9-1	15805	16042	15613	15820	1.36	cps
Bismuth	209-1	9631545	9846536	9614483	9697521	1.33	cps
Bismuth	209-2	4064725	4137184	3972692	4058200	2.03	cps
Boron	10-1	28655	30362	30971	29996	4.00	cps
Boron	11-1	124481	134022	132597	130367	3.95	cps
Bromine	81-1	89568	86924	90810	89100	2.23	cps
Cadmium	111-1	34928	34143	35055	34709	1.42	cps
Cadmium	106-1	11622	10779	11055	11152	3.85	cps
Cadmium	108-1	2646	2500	2571	2572	2.84	cps
Calcium	43-1	4972528	4999525	5171188	5047747	2.13	cps
Calcium	44-1	80974663	80093322	81700114	80922699	0.99	cps
Carbon	12-1	19416914	20149178	19856026	19807372	1.86	cps
Carbon	12-2	174690	182984	180240	179305	2.36	cps
Chlorine	35-1	115887582	126301940	132197465	124795663	6.62	cps
Chlorine	35-2	869673	876225	898795	881564	1.73	cps
Chromium	52-2	291258	284180	287061	287500	1.24	cps
Cobalt	59-2	155225	159865	156819	157303	1.50	cps
Copper	63-2	928636	929514	939624	932591	0.65	cps
Dysprosium	156-1	172069	168786	164386	168414	2.29	cps
Dysprosium	156-2	49786	51134	50616	50512	1.35	cps
Erbium	164-1	126577	126038	128899	127171	1.20	cps
Erbium	164-2	41495	41565	41154	41405	0.53	cps
Gadolinium	160-1	138290	140092	143030	140471	1.70	cps
Gadolinium	160-2	55221	54287	54705	54738	0.85	cps
Holmium	165-1	16749043	16931548	16362380	16680990	1.74	cps
Holmium	165-2	5968269	5808675	5906500	5894481	1.37	cps
Indium	115-1	15532797	15095786	15204864	15277816	1.49	cps
Indium	115-2	1955290	1907255	1989705	1950750	2.12	cps
Iron	54-2	13686401	13495302	13380399	13520701	1.14	cps
Iron	56-2	249093256	242641389	244159172	245297939	1.38	cps
Iron	57-2	6090163	5958725	6024428	6024439	1.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-15	Instrumnet Name :	P8
Client Sample ID :	MH1Q04	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:08:26	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13238	13577	13636	13484	1.59	cps
Lead	206-1	9386525	9253227	9321426	9320392	0.72	cps
Lead	207-1	7907765	7812530	7655561	7791952	1.63	cps
Lead	208-1	36885269	36364072	35778562	36342634	1.52	cps
Lithium	6-1	9689268	8926040	9339768	9318358	4.10	cps
Magnesium	24-2	3948497	3751881	3847070	3849149	2.55	cps
Manganese	55-2	3457653	3406418	3298228	3387433	2.40	cps
Molybdenum	94-1	45400	45960	45416	45592	0.70	cps
Molybdenum	95-1	38788	39348	38964	39033	0.73	cps
Molybdenum	96-1	61915	62685	65282	63294	2.79	cps
Molybdenum	97-1	24831	24414	24506	24584	0.89	cps
Molybdenum	98-1	61395	60072	60826	60764	1.09	cps
Neodymium	150-1	270253	265341	262434	266010	1.49	cps
Neodymium	150-2	69838	71078	69838	70251	1.02	cps
Nickel	60-2	93432	94965	92734	93710	1.22	cps
Phosphorus	31-2	51627	52103	51476	51735	0.63	cps
Potassium	39-2	1837293	1789768	1805463	1810841	1.34	cps
Rhodium	103-1	14178422	13677889	13803347	13886553	1.88	cps
Rhodium	103-2	4991730	5111887	5041841	5048486	1.20	cps
Scandium	45-1	12343402	12393604	12306126	12347711	0.36	cps
Scandium	45-2	296353	302794	302439	300529	1.20	cps
Selenium	82-1	1516	1277	1296	1363	9.75	cps
Selenium	77-2	327	383	430	380	13.62	cps
Selenium	78-2	416	406	475	432	8.62	cps
Silicon	28-1	17900956	18696491	18463358	18353602	2.23	cps
Silver	107-1	44105	44079	45334	44506	1.61	cps
Silver	109-1	41631	42743	41071	41815	2.04	cps
Sodium	23-2	351415	354822	361859	356032	1.50	cps
Strontium	86-1	2265840	2274476	2308055	2282790	0.98	cps
Strontium	88-1	18999330	19005509	19456776	19153872	1.37	cps
Sulfur	34-1	611915	615646	631614	619725	1.69	cps
Terbium	159-1	17459245	17436724	17758141	17551370	1.02	cps
Terbium	159-2	6087903	5929049	5756236	5924396	2.80	cps
Thallium	203-1	8395	8795	8678	8623	2.39	cps
Thallium	205-1	20200	19590	20709	20166	2.78	cps
Tin	118-1	371904	368064	372149	370706	0.62	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-15	Instrumnet Name :	P8
Client Sample ID :	MH1Q04	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:08:26	DataFile Name :	104AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1594464	1561413	1549639	1568505	1.48	cps
Uranium	238-1	257447	257827	262747	259340	1.14	cps
Vanadium	51-2	415811	415662	415369	415614	0.05	cps
Ytterbium	172-1	39585	39025	37119	38577	3.35	cps
Ytterbium	172-2	15153	14886	15376	15139	1.62	cps
Ytterbium	176-1	25584	25943	26745	26090	2.28	cps
Ytterbium	176-2	16461	16716	16338	16505	1.17	cps
Yttrium	89-1	27482175	27301274	28176994	27653481	1.67	cps
Yttrium	89-2	2490612	2475431	2467657	2477900	0.47	cps
Zinc	66-2	1073884	1076859	1062225	1070989	0.72	cps
Zirconium	90-1	64015	64567	64401	64328	0.44	cps
Zirconium	91-1	14575	14508	14641	14575	0.46	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-16	Instrumnet Name :	P8
Client Sample ID :	MH1Q05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:11:19	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2984041	3006151	3046969	3012387	1.06	cps
Antimony	121-1	82063	81083	79851	80999	1.37	cps
Arsenic	75-2	38044	38130	37469	37881	0.95	cps
Barium	135-1	2456520	2463863	2439746	2453376	0.50	cps
Barium	137-1	4091580	4275367	4247534	4204827	2.36	cps
Beryllium	9-1	13630	13548	13642	13606	0.38	cps
Bismuth	209-1	10012372	8655898	8859963	9176077	7.97	cps
Bismuth	209-2	4222889	4220464	4082445	4175266	1.93	cps
Boron	10-1	20789	21309	22855	21651	4.96	cps
Boron	11-1	91435	94339	94987	93587	2.02	cps
Bromine	81-1	90484	86913	86148	87848	2.63	cps
Cadmium	111-1	33215	34464	33414	33697	1.99	cps
Cadmium	106-1	11297	10705	10346	10782	4.45	cps
Cadmium	108-1	2638	2492	2559	2563	2.85	cps
Calcium	43-1	4632357	4761325	4686464	4693382	1.38	cps
Calcium	44-1	75452037	75210280	75292375	75318230	0.16	cps
Carbon	12-1	14189988	14244131	14532678	14322266	1.29	cps
Carbon	12-2	132362	133377	132807	132849	0.38	cps
Chlorine	35-1	110175157	118428915	123554640	117386237	5.75	cps
Chlorine	35-2	817866	842907	886418	849064	4.09	cps
Chromium	52-2	252861	254174	258180	255072	1.09	cps
Cobalt	59-2	154925	155298	154952	155058	0.13	cps
Copper	63-2	849637	848028	858394	852019	0.65	cps
Dysprosium	156-1	158886	160105	154974	157988	1.70	cps
Dysprosium	156-2	49134	49926	48806	49289	1.17	cps
Erbium	164-1	118554	119762	120024	119447	0.66	cps
Erbium	164-2	40465	40916	40826	40736	0.59	cps
Gadolinium	160-1	132633	130873	130909	131472	0.77	cps
Gadolinium	160-2	51580	51292	51239	51370	0.36	cps
Holmium	165-1	17031484	14410234	15201177	15547632	8.65	cps
Holmium	165-2	5988034	5944201	6022890	5985042	0.66	cps
Indium	115-1	14940119	13989311	13590696	14173376	4.89	cps
Indium	115-2	2018712	1973737	1972928	1988459	1.32	cps
Iron	54-2	13510717	13649199	13206045	13455320	1.68	cps
Iron	56-2	238697633	240662633	241100311	240153526	0.53	cps
Iron	57-2	6047218	6161718	6231371	6146769	1.51	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-16	Instrumnet Name :	P8
Client Sample ID :	MH1Q05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:11:19	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13119	13185	13357	13220	0.93	cps
Lead	206-1	7745221	7941015	8077989	7921408	2.11	cps
Lead	207-1	6563537	6820221	6667908	6683889	1.93	cps
Lead	208-1	31039736	31649615	31045540	31244964	1.12	cps
Lithium	6-1	8927396	8483025	8281795	8564072	3.86	cps
Magnesium	24-2	3535634	3781602	3649462	3655566	3.37	cps
Manganese	55-2	2856637	2970814	2936768	2921406	2.01	cps
Molybdenum	94-1	52909	52399	54951	53420	2.53	cps
Molybdenum	95-1	36967	38229	38847	38014	2.52	cps
Molybdenum	96-1	64609	64720	65330	64887	0.60	cps
Molybdenum	97-1	23479	23687	23629	23598	0.46	cps
Molybdenum	98-1	59437	59981	58800	59406	1.00	cps
Neodymium	150-1	248067	252957	257879	252968	1.94	cps
Neodymium	150-2	65643	66618	67221	66494	1.20	cps
Nickel	60-2	98190	97432	98787	98137	0.69	cps
Phosphorus	31-2	37901	35377	35453	36244	3.96	cps
Potassium	39-2	1353614	1429097	1435987	1406233	3.25	cps
Rhodium	103-1	14157524	12672596	12617894	13149338	6.64	cps
Rhodium	103-2	5065784	5189284	5218514	5157861	1.57	cps
Scandium	45-1	12169638	10998315	11205931	11457961	5.45	cps
Scandium	45-2	305990	311620	310125	309245	0.94	cps
Selenium	82-1	1167	983	1075	1075	8.55	cps
Selenium	77-2	433	373	437	414	8.60	cps
Selenium	78-2	388	390	375	384	2.12	cps
Silicon	28-1	11482549	11914075	12106315	11834313	2.70	cps
Silver	107-1	46053	45911	45492	45819	0.64	cps
Silver	109-1	43453	45108	43378	43980	2.22	cps
Sodium	23-2	270450	279663	276711	275608	1.71	cps
Strontium	86-1	1839148	1851344	1880924	1857139	1.16	cps
Strontium	88-1	15737516	15684612	15379945	15600691	1.24	cps
Sulfur	34-1	539178	543418	537148	539915	0.59	cps
Terbium	159-1	17376343	15555952	15729226	16220507	6.19	cps
Terbium	159-2	6247979	5951641	6123871	6107830	2.44	cps
Thallium	203-1	8662	9012	8745	8806	2.08	cps
Thallium	205-1	20667	21469	21919	21352	2.97	cps
Tin	118-1	290207	293623	285499	289776	1.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-16	Instrumnet Name :	P8
Client Sample ID :	MH1Q05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:11:19	DataFile Name :	105AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1431808	1454577	1510561	1465649	2.77	cps
Uranium	238-1	208338	210897	210904	210047	0.70	cps
Vanadium	51-2	423331	426016	430266	426538	0.82	cps
Ytterbium	172-1	36226	35783	36560	36189	1.08	cps
Ytterbium	172-2	14119	14725	14575	14473	2.18	cps
Ytterbium	176-1	24098	25174	24281	24518	2.35	cps
Ytterbium	176-2	15437	16727	16232	16132	4.04	cps
Yttrium	89-1	27101970	24503422	24623436	25409609	5.77	cps
Yttrium	89-2	2467357	2511603	2484437	2487799	0.90	cps
Zinc	66-2	834615	851769	848132	844838	1.07	cps
Zirconium	90-1	84766	83375	82905	83682	1.16	cps
Zirconium	91-1	18463	18755	19005	18741	1.45	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-17	Instrumnet Name :	P8
Client Sample ID :	MH1Q06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:14:15	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3063108	3037985	3019399	3040164	0.72	cps
Antimony	121-1	60744	57940	59614	59433	2.37	cps
Arsenic	75-2	27450	27263	26673	27129	1.50	cps
Barium	135-1	1728239	1653314	1713142	1698232	2.33	cps
Barium	137-1	2885103	2935625	2946103	2922277	1.12	cps
Beryllium	9-1	10548	10900	10830	10759	1.73	cps
Bismuth	209-1	9620600	9613818	9231389	9488602	2.35	cps
Bismuth	209-2	4072077	4148597	4036084	4085586	1.41	cps
Boron	10-1	13528	13690	13942	13720	1.52	cps
Boron	11-1	58293	59012	59792	59033	1.27	cps
Bromine	81-1	82738	85413	86241	84797	2.16	cps
Cadmium	111-1	17610	17756	17489	17619	0.76	cps
Cadmium	106-1	9804	10004	8995	9601	5.56	cps
Cadmium	108-1	1271	1400	1267	1313	5.78	cps
Calcium	43-1	4984776	4952053	5107892	5014907	1.64	cps
Calcium	44-1	79192972	78561888	84239510	80664790	3.86	cps
Carbon	12-1	10223674	10486907	10585121	10431901	1.79	cps
Carbon	12-2	97070	97951	96098	97040	0.96	cps
Chlorine	35-1	108218798	111772553	124887428	114959593	7.64	cps
Chlorine	35-2	824652	845168	832846	834222	1.24	cps
Chromium	52-2	188417	186898	182721	186012	1.59	cps
Cobalt	59-2	145524	145186	141912	144207	1.38	cps
Copper	63-2	390432	394234	391253	391973	0.51	cps
Dysprosium	156-1	168319	166198	164466	166328	1.16	cps
Dysprosium	156-2	53403	51459	52078	52313	1.90	cps
Erbium	164-1	126476	127832	127664	127324	0.58	cps
Erbium	164-2	43953	43200	43428	43527	0.89	cps
Gadolinium	160-1	142796	140565	139673	141011	1.14	cps
Gadolinium	160-2	55643	55546	55442	55543	0.18	cps
Holmium	165-1	16484489	16761939	16811029	16685819	1.06	cps
Holmium	165-2	6184645	6081463	6104423	6123511	0.88	cps
Indium	115-1	14978029	14814015	14654366	14815470	1.09	cps
Indium	115-2	1962408	1974733	1930865	1956002	1.16	cps
Iron	54-2	13312383	12815267	12899931	13009193	2.04	cps
Iron	56-2	240008772	233026950	238314311	237116678	1.54	cps
Iron	57-2	6199869	6010416	5955165	6055150	2.12	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-17	Instrumnet Name :	P8
Client Sample ID :	MH1Q06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:14:15	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13203	13201	13143	13182	0.26	cps
Lead	206-1	2210933	2214468	2188198	2204533	0.65	cps
Lead	207-1	1819136	1903825	1840606	1854522	2.37	cps
Lead	208-1	8544562	8783831	8508446	8612280	1.74	cps
Lithium	6-1	9140478	8776528	9323262	9080090	3.07	cps
Magnesium	24-2	3969947	3988548	4051694	4003397	1.07	cps
Manganese	55-2	2090144	2056477	2096985	2081202	1.04	cps
Molybdenum	94-1	44325	41588	42641	42851	3.22	cps
Molybdenum	95-1	36666	35705	35881	36084	1.42	cps
Molybdenum	96-1	59546	58123	59396	59022	1.32	cps
Molybdenum	97-1	22410	22711	22469	22530	0.71	cps
Molybdenum	98-1	56290	56659	56114	56354	0.49	cps
Neodymium	150-1	259466	267837	270265	265856	2.13	cps
Neodymium	150-2	72040	70116	69969	70708	1.63	cps
Nickel	60-2	85047	83930	81335	83437	2.28	cps
Phosphorus	31-2	22259	22660	22735	22551	1.13	cps
Potassium	39-2	1471018	1433834	1467393	1457415	1.41	cps
Rhodium	103-1	13699985	13911022	13819402	13810137	0.77	cps
Rhodium	103-2	5262183	5178432	5110434	5183683	1.47	cps
Scandium	45-1	11911371	12006513	12646355	12188080	3.28	cps
Scandium	45-2	303697	300861	303616	302725	0.53	cps
Selenium	82-1	719	757	833	770	7.54	cps
Selenium	77-2	407	360	383	383	6.09	cps
Selenium	78-2	368	411	386	388	5.56	cps
Silicon	28-1	10184568	10620488	10242208	10349088	2.29	cps
Silver	107-1	18146	17787	17854	17929	1.06	cps
Silver	109-1	17053	17169	17036	17086	0.43	cps
Sodium	23-2	237245	230363	241632	236413	2.40	cps
Strontium	86-1	1306350	1307400	1300100	1304617	0.30	cps
Strontium	88-1	11228120	10981500	10769392	10993004	2.09	cps
Sulfur	34-1	479254	470440	471308	473667	1.03	cps
Terbium	159-1	17259461	17148472	17796309	17401414	1.99	cps
Terbium	159-2	6000255	6139528	5982299	6040694	1.42	cps
Thallium	203-1	8845	8878	8695	8806	1.11	cps
Thallium	205-1	20400	21135	21251	20929	2.20	cps
Tin	118-1	100964	103835	104960	103253	2.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-17	Instrumnet Name :	P8
Client Sample ID :	MH1Q06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:14:15	DataFile Name :	106AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1297765	1286357	1330488	1304870	1.76	cps
Uranium	238-1	159966	158107	157190	158421	0.89	cps
Vanadium	51-2	481025	474750	470300	475358	1.13	cps
Ytterbium	172-1	36610	36836	36493	36646	0.48	cps
Ytterbium	172-2	14619	14347	14135	14367	1.69	cps
Ytterbium	176-1	24423	24607	24223	24418	0.79	cps
Ytterbium	176-2	15454	16538	16271	16088	3.51	cps
Yttrium	89-1	27490630	27395451	26278172	27054751	2.49	cps
Yttrium	89-2	2553053	2507142	2552520	2537572	1.04	cps
Zinc	66-2	258308	259155	251857	256440	1.56	cps
Zirconium	90-1	57093	57093	56114	56766	1.00	cps
Zirconium	91-1	12356	13157	12840	12784	3.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-18	Instrumnet Name :	P8
Client Sample ID :	MH1Q07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:17:08	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3058844	2916030	3039478	3004784	2.58	cps
Antimony	121-1	51648	51272	51707	51542	0.46	cps
Arsenic	75-2	29765	29631	29254	29550	0.90	cps
Barium	135-1	1877130	1895567	1838423	1870373	1.56	cps
Barium	137-1	3187391	3197398	3154504	3179764	0.71	cps
Beryllium	9-1	10510	11128	10698	10779	2.94	cps
Bismuth	209-1	9551295	9870185	9222183	9547887	3.39	cps
Bismuth	209-2	3956312	3939873	4013751	3969979	0.98	cps
Boron	10-1	12303	13049	13071	12808	3.42	cps
Boron	11-1	54935	55785	57542	56088	2.37	cps
Bromine	81-1	89436	85694	95006	90045	5.20	cps
Cadmium	111-1	14044	13861	13841	13915	0.80	cps
Cadmium	106-1	8144	9187	9228	8853	6.94	cps
Cadmium	108-1	946	1171	992	1036	11.48	cps
Calcium	43-1	7475579	7407143	7152322	7345015	2.32	cps
Calcium	44-1	120085642	118278015	119697371	119353676	0.80	cps
Carbon	12-1	10274969	10382504	10336602	10331358	0.52	cps
Carbon	12-2	99077	96601	95620	97099	1.83	cps
Chlorine	35-1	117301619	132329028	140317228	129982625	8.99	cps
Chlorine	35-2	899831	883660	893034	892175	0.91	cps
Chromium	52-2	175512	175191	175677	175460	0.14	cps
Cobalt	59-2	146335	140097	138908	141780	2.81	cps
Copper	63-2	326987	323672	321820	324160	0.81	cps
Dysprosium	156-1	163549	168689	164972	165737	1.60	cps
Dysprosium	156-2	50763	51098	51610	51157	0.83	cps
Erbium	164-1	128683	129151	124389	127408	2.06	cps
Erbium	164-2	43903	41946	42006	42618	2.61	cps
Gadolinium	160-1	145154	141718	137412	141428	2.74	cps
Gadolinium	160-2	55733	54451	53484	54556	2.07	cps
Holmium	165-1	16086811	16700386	16487040	16424746	1.90	cps
Holmium	165-2	5976101	5948615	5791736	5905484	1.68	cps
Indium	115-1	14730070	15217078	14656259	14867802	2.05	cps
Indium	115-2	1931681	1905716	1956367	1931255	1.31	cps
Iron	54-2	12557816	11867007	12234750	12219858	2.83	cps
Iron	56-2	229516316	216039527	220534738	222030194	3.09	cps
Iron	57-2	5537622	5516637	5472504	5508921	0.60	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-18	Instrumnet Name :	P8
Client Sample ID :	MH1Q07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:17:08	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13002	13677	14033	13571	3.86	cps
Lead	206-1	1237352	1276444	1225408	1246401	2.14	cps
Lead	207-1	1044281	1040650	1009444	1031458	1.86	cps
Lead	208-1	4956967	5024072	4865039	4948692	1.61	cps
Lithium	6-1	8984561	9197675	9072400	9084879	1.18	cps
Magnesium	24-2	4325928	4209904	4229722	4255185	1.46	cps
Manganese	55-2	1969979	1865379	1880284	1905214	2.97	cps
Molybdenum	94-1	48076	49154	46244	47825	3.08	cps
Molybdenum	95-1	36148	37485	35763	36465	2.48	cps
Molybdenum	96-1	60760	62158	59085	60668	2.54	cps
Molybdenum	97-1	22936	22827	22586	22783	0.79	cps
Molybdenum	98-1	55939	59780	58943	58221	3.47	cps
Neodymium	150-1	261094	275534	267043	267890	2.71	cps
Neodymium	150-2	70019	69540	68840	69466	0.85	cps
Nickel	60-2	89550	90326	88889	89588	0.80	cps
Phosphorus	31-2	21826	21108	20824	21252	2.43	cps
Potassium	39-2	1302370	1332792	1298015	1311059	1.45	cps
Rhodium	103-1	13431149	14298437	13697606	13809064	3.22	cps
Rhodium	103-2	4943615	5000621	5179553	5041263	2.44	cps
Scandium	45-1	12026358	12133625	12016996	12058993	0.54	cps
Scandium	45-2	301691	297495	296756	298647	0.89	cps
Selenium	82-1	1193	586	724	834	38.18	cps
Selenium	77-2	300	330	323	318	4.96	cps
Selenium	78-2	360	354	385	366	4.49	cps
Silicon	28-1	15215948	15767216	15724445	15569203	1.97	cps
Silver	107-1	14658	14533	14341	14511	1.10	cps
Silver	109-1	13640	14291	13857	13930	2.38	cps
Sodium	23-2	258133	268363	257730	261409	2.31	cps
Strontium	86-1	1558903	1561932	1520700	1547178	1.49	cps
Strontium	88-1	13041996	13320320	13112978	13158431	1.10	cps
Sulfur	34-1	483941	492065	492698	489568	1.00	cps
Terbium	159-1	17553606	16857410	17145734	17185583	2.04	cps
Terbium	159-2	5906786	5935819	5877607	5906737	0.49	cps
Thallium	203-1	8195	8486	8053	8245	2.68	cps
Thallium	205-1	20767	21377	20108	20751	3.06	cps
Tin	118-1	52569	53723	51916	52736	1.73	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-18	Instrumnet Name :	P8
Client Sample ID :	MH1Q07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:17:08	DataFile Name :	107AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1322604	1370424	1350264	1347764	1.78	cps
Uranium	238-1	154532	157124	155993	155883	0.83	cps
Vanadium	51-2	474580	472538	462314	469811	1.40	cps
Ytterbium	172-1	35799	38264	36176	36746	3.61	cps
Ytterbium	172-2	14608	14881	14180	14556	2.43	cps
Ytterbium	176-1	24807	25116	24941	24955	0.62	cps
Ytterbium	176-2	16004	15265	16110	15793	2.92	cps
Yttrium	89-1	26410421	26803505	27580427	26931451	2.21	cps
Yttrium	89-2	2427722	2369427	2459101	2418750	1.88	cps
Zinc	66-2	183383	180669	182098	182050	0.75	cps
Zirconium	90-1	68796	71568	70889	70418	2.05	cps
Zirconium	91-1	15843	16193	15893	15976	1.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-19	Instrumnet Name :	P8
Client Sample ID :	MH1Q08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:20:03	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2762377	2767205	2953580	2827720	3.86	cps
Antimony	121-1	104189	105524	103770	104494	0.88	cps
Arsenic	75-2	68921	68966	68508	68798	0.37	cps
Barium	135-1	2042789	2094539	2064327	2067218	1.26	cps
Barium	137-1	3608583	3596933	3514503	3573340	1.44	cps
Beryllium	9-1	12971	13410	12633	13005	2.99	cps
Bismuth	209-1	9621010	10044405	9990775	9885397	2.33	cps
Bismuth	209-2	4129003	4196081	4327970	4217685	2.40	cps
Boron	10-1	18016	18929	19581	18842	4.17	cps
Boron	11-1	80928	86356	85297	84194	3.42	cps
Bromine	81-1	92369	87837	92947	91051	3.07	cps
Cadmium	111-1	38854	39068	39113	39012	0.35	cps
Cadmium	106-1	11989	11622	11772	11794	1.56	cps
Cadmium	108-1	2788	3046	2971	2935	4.53	cps
Calcium	43-1	3087009	3177638	3206647	3157098	1.98	cps
Calcium	44-1	52537612	52957177	51096903	52197231	1.87	cps
Carbon	12-1	19637393	19953833	20420066	20003764	1.97	cps
Carbon	12-2	188148	184453	180923	184508	1.96	cps
Chlorine	35-1	124710165	136123116	149377274	136736852	9.03	cps
Chlorine	35-2	945086	952949	967867	955301	1.21	cps
Chromium	52-2	326726	322597	325694	325005	0.66	cps
Cobalt	59-2	161331	163089	159299	161239	1.18	cps
Copper	63-2	967639	976427	972097	972054	0.45	cps
Dysprosium	156-1	164442	168152	164856	165817	1.23	cps
Dysprosium	156-2	52008	51653	51958	51873	0.37	cps
Erbium	164-1	133074	130859	125940	129958	2.81	cps
Erbium	164-2	43304	43478	43234	43339	0.29	cps
Gadolinium	160-1	140037	140782	144234	141684	1.58	cps
Gadolinium	160-2	56001	54946	54324	55090	1.54	cps
Holmium	165-1	17692720	16934678	16698089	17108496	3.04	cps
Holmium	165-2	6100969	6112052	6024663	6079228	0.78	cps
Indium	115-1	15401341	15579424	14819185	15266650	2.60	cps
Indium	115-2	1926004	1980736	2035793	1980844	2.77	cps
Iron	54-2	13183698	13106013	13120516	13136742	0.31	cps
Iron	56-2	237336661	237495533	243837217	239556470	1.55	cps
Iron	57-2	6174462	6031905	6019096	6075154	1.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-19	Instrumnet Name :	P8
Client Sample ID :	MH1Q08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:20:03	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13387	13554	13551	13497	0.71	cps
Lead	206-1	16740576	17028215	17057089	16941960	1.03	cps
Lead	207-1	14510500	14680614	14310089	14500401	1.28	cps
Lead	208-1	66124835	68440023	66379031	66981296	1.90	cps
Lithium	6-1	9343273	9487495	8820818	9217196	3.81	cps
Magnesium	24-2	3728460	3847873	3901656	3825996	2.32	cps
Manganese	55-2	3425993	3368485	3420431	3404970	0.93	cps
Molybdenum	94-1	57645	58792	59169	58535	1.36	cps
Molybdenum	95-1	40928	41070	41129	41042	0.25	cps
Molybdenum	96-1	67776	68554	68973	68434	0.89	cps
Molybdenum	97-1	26392	26877	25916	26395	1.82	cps
Molybdenum	98-1	66636	64099	65120	65285	1.95	cps
Neodymium	150-1	281309	277080	272739	277043	1.55	cps
Neodymium	150-2	71808	70706	70522	71012	0.98	cps
Nickel	60-2	102548	102369	101806	102241	0.38	cps
Phosphorus	31-2	36781	35686	36463	36310	1.55	cps
Potassium	39-2	1858948	1859558	1838740	1852415	0.64	cps
Rhodium	103-1	14020495	14024414	14101743	14048884	0.33	cps
Rhodium	103-2	5284535	5223345	5263444	5257108	0.59	cps
Scandium	45-1	12648320	12816792	12382924	12616012	1.73	cps
Scandium	45-2	307517	307386	308575	307826	0.21	cps
Selenium	82-1	1191	1013	1145	1116	8.26	cps
Selenium	77-2	370	350	373	364	3.46	cps
Selenium	78-2	388	406	400	398	2.30	cps
Silicon	28-1	18620078	18922984	19596829	19046630	2.63	cps
Silver	107-1	49649	52878	52509	51679	3.42	cps
Silver	109-1	47600	49097	48837	48512	1.65	cps
Sodium	23-2	248655	255771	252640	252355	1.41	cps
Strontium	86-1	1383532	1375004	1376244	1378260	0.33	cps
Strontium	88-1	11600516	11590376	11362573	11517822	1.17	cps
Sulfur	34-1	580110	578024	586734	581623	0.78	cps
Terbium	159-1	17488801	17882873	17588873	17653516	1.16	cps
Terbium	159-2	5861074	5989781	5820908	5890588	1.50	cps
Thallium	203-1	9179	9037	10071	9429	5.95	cps
Thallium	205-1	21961	23238	21794	22331	3.54	cps
Tin	118-1	170136	176361	170634	172377	2.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2311-19	Instrumnet Name :	P8
Client Sample ID :	MH1Q08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:20:03	DataFile Name :	108AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1322268	1385364	1337984	1348539	2.44	cps
Uranium	238-1	247023	245504	253720	248749	1.76	cps
Vanadium	51-2	387168	385748	394084	389000	1.15	cps
Ytterbium	172-1	39677	39259	37379	38772	3.16	cps
Ytterbium	172-2	15031	14631	15432	15031	2.66	cps
Ytterbium	176-1	25492	27095	25292	25959	3.81	cps
Ytterbium	176-2	16116	16600	17017	16577	2.72	cps
Yttrium	89-1	27552156	27632005	27129815	27437992	0.98	cps
Yttrium	89-2	2579088	2535724	2554118	2556310	0.85	cps
Zinc	66-2	1288380	1269390	1290245	1282672	0.90	cps
Zirconium	90-1	92482	95285	94495	94087	1.54	cps
Zirconium	91-1	21091	22427	21976	21831	3.11	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-01	Instrumnet Name :	P8
Client Sample ID :	MH1Q09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:22:56	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1304409	1308060	1306995	1306488	0.14	cps
Antimony	121-1	115176	114168	113118	114154	0.90	cps
Arsenic	75-2	89752	88964	88025	88914	0.97	cps
Barium	135-1	1336562	1331898	1358287	1342249	1.05	cps
Barium	137-1	2401967	2348594	2354664	2368408	1.23	cps
Beryllium	9-1	8695	8675	8625	8665	0.42	cps
Bismuth	209-1	9677025	9602033	9558995	9612684	0.62	cps
Bismuth	209-2	4119640	4120074	4142151	4127289	0.31	cps
Boron	10-1	9393	9935	10308	9879	4.65	cps
Boron	11-1	43665	44022	45181	44289	1.79	cps
Bromine	81-1	92140	97712	99632	96495	4.03	cps
Cadmium	111-1	40226	38955	39023	39401	1.81	cps
Cadmium	106-1	11989	11981	11238	11736	3.67	cps
Cadmium	108-1	2888	2767	2917	2857	2.78	cps
Calcium	43-1	2125806	2070129	2037028	2077655	2.16	cps
Calcium	44-1	33597545	33482667	33698765	33592992	0.32	cps
Carbon	12-1	15692585	16276163	16240616	16069788	2.04	cps
Carbon	12-2	157365	149750	153094	153403	2.49	cps
Chlorine	35-1	163252162	178759608	188579838	176863869	7.22	cps
Chlorine	35-2	1259911	1271477	1280044	1270477	0.80	cps
Chromium	52-2	155548	153801	155173	154841	0.59	cps
Cobalt	59-2	89215	88819	87884	88639	0.77	cps
Copper	63-2	758266	781071	749273	762870	2.15	cps
Dysprosium	156-1	132389	126693	129892	129658	2.20	cps
Dysprosium	156-2	41063	42602	41675	41780	1.85	cps
Erbium	164-1	104283	103109	105704	104365	1.25	cps
Erbium	164-2	34622	34859	35732	35071	1.67	cps
Gadolinium	160-1	114988	116896	115994	115960	0.82	cps
Gadolinium	160-2	44491	43692	43929	44037	0.93	cps
Holmium	165-1	16763639	16575870	16527702	16622404	0.75	cps
Holmium	165-2	5787247	5775130	5942760	5835046	1.60	cps
Indium	115-1	15326324	14996880	14697624	15006943	2.10	cps
Indium	115-2	1940598	1932401	1926767	1933255	0.36	cps
Iron	54-2	4515493	4494443	4486695	4498877	0.33	cps
Iron	56-2	82701888	79743338	82315282	81586836	1.97	cps
Iron	57-2	2132287	2065545	2047371	2081734	2.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-01	Instrumnet Name :	P8
Client Sample ID :	MH1Q09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:22:56	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13432	13415	13258	13368	0.72	cps
Lead	206-1	11289396	11095172	11518097	11300889	1.87	cps
Lead	207-1	9380903	9348110	9956181	9561731	3.58	cps
Lead	208-1	44190877	43539871	45177564	44302771	1.86	cps
Lithium	6-1	8883941	9048382	8637085	8856469	2.34	cps
Magnesium	24-2	2056008	1936268	1964948	1985741	3.15	cps
Manganese	55-2	2367223	2294233	2360335	2340597	1.72	cps
Molybdenum	94-1	42382	44054	43435	43290	1.95	cps
Molybdenum	95-1	25048	26994	26877	26306	4.15	cps
Molybdenum	96-1	39039	38229	38630	38632	1.05	cps
Molybdenum	97-1	15935	16302	15309	15848	3.17	cps
Molybdenum	98-1	41471	40986	40995	41151	0.67	cps
Neodymium	150-1	206042	206131	209395	207189	0.92	cps
Neodymium	150-2	53966	53001	53684	53550	0.93	cps
Nickel	60-2	66492	64935	67302	66243	1.82	cps
Phosphorus	31-2	23945	23779	23712	23812	0.51	cps
Potassium	39-2	738181	723156	728640	729992	1.04	cps
Rhodium	103-1	14030867	13892452	13915661	13946327	0.53	cps
Rhodium	103-2	5187761	5103573	5163695	5151676	0.84	cps
Scandium	45-1	11626734	12036687	12475272	12046231	3.52	cps
Scandium	45-2	295429	287744	296457	293210	1.62	cps
Selenium	82-1	557	726	688	657	13.50	cps
Selenium	77-2	293	223	343	287	21.03	cps
Selenium	78-2	350	320	330	333	4.58	cps
Silicon	28-1	28419286	28726166	28642154	28595869	0.55	cps
Silver	107-1	48729	49131	48996	48952	0.42	cps
Silver	109-1	44766	45919	46463	45716	1.90	cps
Sodium	23-2	178300	170317	179804	176140	2.89	cps
Strontium	86-1	957351	978079	966965	967465	1.07	cps
Strontium	88-1	8065031	8346230	8300065	8237108	1.83	cps
Sulfur	34-1	498559	500204	509094	502619	1.13	cps
Terbium	159-1	17078590	17077175	17155616	17103794	0.26	cps
Terbium	159-2	5986386	5975766	5651179	5871110	3.25	cps
Thallium	203-1	6127	6760	6018	6302	6.36	cps
Thallium	205-1	15234	15677	15301	15404	1.55	cps
Tin	118-1	115437	117229	116085	116250	0.78	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-01	Instrumnet Name :	P8
Client Sample ID :	MH1Q09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:22:56	DataFile Name :	109AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	515135	525736	531347	524072	1.57	cps
Uranium	238-1	171674	171226	169545	170815	0.66	cps
Vanadium	51-2	156462	156821	154445	155909	0.82	cps
Ytterbium	172-1	30503	30169	30653	30442	0.81	cps
Ytterbium	172-2	11377	11616	11227	11407	1.72	cps
Ytterbium	176-1	20625	21051	20708	20795	1.08	cps
Ytterbium	176-2	13752	15198	14319	14423	5.05	cps
Yttrium	89-1	26625795	27080671	27386387	27030951	1.42	cps
Yttrium	89-2	2364483	2396411	2430785	2397226	1.38	cps
Zinc	66-2	668198	686229	687444	680624	1.58	cps
Zirconium	90-1	76486	77666	79687	77946	2.08	cps
Zirconium	91-1	16952	17303	17528	17261	1.68	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2312-02 Instrumnet Name : P8
 Client Sample ID : MH1Q10 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 18:25:51 DataFile Name : 110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1258368	1243268	1260382	1254006	0.75	cps
Antimony	121-1	100604	100998	100293	100631	0.35	cps
Arsenic	75-2	69399	68950	68635	68995	0.56	cps
Barium	135-1	1289041	1263842	1260720	1271201	1.22	cps
Barium	137-1	2245584	2162591	2191995	2200056	1.91	cps
Beryllium	9-1	7877	7456	7903	7745	3.23	cps
Bismuth	209-1	10001466	9627929	10058927	9896107	2.36	cps
Bismuth	209-2	4074225	3982824	3948960	4002003	1.62	cps
Boron	10-1	6734	6906	6860	6834	1.30	cps
Boron	11-1	29192	30200	30634	30009	2.47	cps
Bromine	81-1	91264	92849	92975	92363	1.03	cps
Cadmium	111-1	14595	15450	15115	15054	2.86	cps
Cadmium	106-1	8428	8570	9153	8717	4.41	cps
Cadmium	108-1	1079	1138	1104	1107	2.64	cps
Calcium	43-1	3754305	3891094	3946918	3864106	2.56	cps
Calcium	44-1	61277133	63652793	62515089	62481672	1.90	cps
Carbon	12-1	15461182	15534878	15624770	15540277	0.53	cps
Carbon	12-2	141042	140629	142405	141359	0.66	cps
Chlorine	35-1	176830366	197853825	202978180	192554124	7.20	cps
Chlorine	35-2	1379959	1371075	1386212	1379082	0.55	cps
Chromium	52-2	68467	67650	66983	67700	1.10	cps
Cobalt	59-2	85023	84057	83272	84117	1.04	cps
Copper	63-2	316403	311364	314687	314151	0.82	cps
Dysprosium	156-1	133605	135046	131778	133476	1.23	cps
Dysprosium	156-2	42434	41879	41725	42013	0.89	cps
Erbium	164-1	111543	109233	110365	110380	1.05	cps
Erbium	164-2	36728	34799	34943	35490	3.03	cps
Gadolinium	160-1	119780	119544	119225	119516	0.23	cps
Gadolinium	160-2	46752	45290	45896	45979	1.60	cps
Holmium	165-1	17092150	16476749	16828086	16798995	1.84	cps
Holmium	165-2	5900811	5884482	5892166	5892486	0.14	cps
Indium	115-1	15088133	15000834	15025151	15038039	0.30	cps
Indium	115-2	1966058	1899136	1930788	1931994	1.73	cps
Iron	54-2	3795006	3771715	3641317	3736013	2.22	cps
Iron	56-2	66944717	66980540	67593078	67172778	0.54	cps
Iron	57-2	1681768	1672731	1703238	1685912	0.93	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-02	Instrumnet Name :	P8
Client Sample ID :	MH1Q10	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:25:51	DataFile Name :	110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14183	13734	13515	13810	2.47	cps
Lead	206-1	1508913	1433176	1452780	1464957	2.68	cps
Lead	207-1	1245714	1229031	1256833	1243859	1.13	cps
Lead	208-1	5915355	5828083	5863983	5869140	0.75	cps
Lithium	6-1	8975891	9174638	8383302	8844610	4.65	cps
Magnesium	24-2	1891786	1927495	1936620	1918634	1.23	cps
Manganese	55-2	1301018	1296139	1321704	1306287	1.04	cps
Molybdenum	94-1	42633	44531	43168	43444	2.25	cps
Molybdenum	95-1	27261	27386	27662	27436	0.75	cps
Molybdenum	96-1	39674	38713	38563	38983	1.55	cps
Molybdenum	97-1	16502	16602	16544	16549	0.30	cps
Molybdenum	98-1	43678	42884	43436	43332	0.94	cps
Neodymium	150-1	213371	214635	217411	215139	0.96	cps
Neodymium	150-2	56331	55588	56968	56296	1.23	cps
Nickel	60-2	69778	69348	68769	69298	0.73	cps
Phosphorus	31-2	16960	16627	16869	16819	1.02	cps
Potassium	39-2	694859	691952	690902	692571	0.30	cps
Rhodium	103-1	14124011	13977432	13772009	13957817	1.27	cps
Rhodium	103-2	5258875	5132347	5105848	5165690	1.58	cps
Scandium	45-1	12028701	12286884	12072771	12129452	1.14	cps
Scandium	45-2	293280	293486	287810	291525	1.10	cps
Selenium	82-1	228	738	628	531	50.56	cps
Selenium	77-2	343	327	313	328	4.59	cps
Selenium	78-2	322	330	314	322	2.48	cps
Silicon	28-1	26725570	27298218	26889301	26971030	1.09	cps
Silver	107-1	12464	12398	12690	12517	1.22	cps
Silver	109-1	11797	11847	11046	11563	3.88	cps
Sodium	23-2	163936	161945	163924	163268	0.70	cps
Strontium	86-1	878372	865282	868668	870774	0.78	cps
Strontium	88-1	7320206	7298199	7243242	7287216	0.54	cps
Sulfur	34-1	450848	459244	466116	458736	1.67	cps
Terbium	159-1	17205390	17400405	17176723	17260839	0.71	cps
Terbium	159-2	5901147	5903228	5901476	5901950	0.02	cps
Thallium	203-1	5993	5843	5326	5721	6.12	cps
Thallium	205-1	13958	14091	14183	14077	0.80	cps
Tin	118-1	24556	25842	25491	25296	2.63	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-02	Instrumnet Name :	P8
Client Sample ID :	MH1Q10	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:25:51	DataFile Name :	110AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	393212	402163	385520	393632	2.12	cps
Uranium	238-1	95980	96504	97658	96714	0.89	cps
Vanadium	51-2	166374	163225	161465	163688	1.52	cps
Ytterbium	172-1	29968	29417	31363	30249	3.32	cps
Ytterbium	172-2	11539	11533	11500	11524	0.18	cps
Ytterbium	176-1	20542	20158	21376	20692	3.01	cps
Ytterbium	176-2	13802	14503	13930	14078	2.65	cps
Yttrium	89-1	26936461	26518544	26204109	26553038	1.38	cps
Yttrium	89-2	2454756	2426541	2433682	2438326	0.60	cps
Zinc	66-2	119585	117062	117026	117891	1.24	cps
Zirconium	90-1	76401	75002	76076	75826	0.97	cps
Zirconium	91-1	17128	16393	17311	16944	2.87	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2312-03 Instrumnet Name : P8
 Client Sample ID : MH1Q11 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 18:28:45 DataFile Name : 111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1664870	1542427	1639380	1615559	4.00	cps
Antimony	121-1	69561	69008	70130	69566	0.81	cps
Arsenic	75-2	108973	108632	109973	109193	0.64	cps
Barium	135-1	1948071	2061509	1947559	1985713	3.31	cps
Barium	137-1	3512299	3487790	3365738	3455276	2.27	cps
Beryllium	9-1	8489	8703	8521	8571	1.35	cps
Bismuth	209-1	8699736	9539138	9340467	9193114	4.77	cps
Bismuth	209-2	4028633	4055519	4191903	4092018	2.14	cps
Boron	10-1	6854	6942	7022	6940	1.21	cps
Boron	11-1	30494	30628	31193	30772	1.21	cps
Bromine	81-1	103683	106446	106399	105509	1.50	cps
Cadmium	111-1	14205	14280	14387	14291	0.64	cps
Cadmium	106-1	8770	9287	8836	8964	3.14	cps
Cadmium	108-1	983	1192	946	1040	12.73	cps
Calcium	43-1	11262217	11302147	11605125	11389829	1.65	cps
Calcium	44-1	182244494	185149439	188545832	185313255	1.70	cps
Carbon	12-1	15429067	15517178	15604109	15516785	0.56	cps
Carbon	12-2	142521	147378	145331	145077	1.68	cps
Chlorine	35-1	172898154	187715438	197816775	186143456	6.73	cps
Chlorine	35-2	1327922	1346615	1372916	1349151	1.68	cps
Chromium	52-2	72332	70851	71411	71531	1.05	cps
Cobalt	59-2	99911	100221	99871	100001	0.19	cps
Copper	63-2	286612	288644	282422	285893	1.11	cps
Dysprosium	156-1	145440	146441	143692	145191	0.96	cps
Dysprosium	156-2	45387	46608	46655	46217	1.56	cps
Erbium	164-1	117072	116787	112040	115300	2.45	cps
Erbium	164-2	38155	40566	38890	39204	3.15	cps
Gadolinium	160-1	125330	125481	126821	125877	0.65	cps
Gadolinium	160-2	51008	48960	50690	50219	2.19	cps
Holmium	165-1	15258733	16442996	16585945	16095891	4.53	cps
Holmium	165-2	5880492	6126128	6038868	6015162	2.07	cps
Indium	115-1	13237268	15219683	14663728	14373560	7.11	cps
Indium	115-2	1981061	1906521	2038357	1975313	3.35	cps
Iron	54-2	4387736	4413028	4326267	4375677	1.02	cps
Iron	56-2	79997449	79196380	79694493	79629441	0.51	cps
Iron	57-2	2054809	2088310	2075740	2072953	0.82	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-03	Instrumnet Name :	P8
Client Sample ID :	MH1Q11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:28:45	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13382	13398	13465	13415	0.33	cps
Lead	206-1	1117692	1147489	1138364	1134515	1.35	cps
Lead	207-1	961193	967324	966522	965013	0.35	cps
Lead	208-1	4578125	4576133	4545814	4566691	0.40	cps
Lithium	6-1	8329809	8500396	8504612	8444939	1.18	cps
Magnesium	24-2	3124189	2925915	3028234	3026113	3.28	cps
Manganese	55-2	1433872	1446028	1417958	1432619	0.98	cps
Molybdenum	94-1	51605	51061	50459	51042	1.12	cps
Molybdenum	95-1	30660	30434	30944	30679	0.83	cps
Molybdenum	96-1	45734	43460	42692	43962	3.60	cps
Molybdenum	97-1	19472	18855	19130	19153	1.62	cps
Molybdenum	98-1	47809	46997	50484	48430	3.77	cps
Neodymium	150-1	236719	238410	236127	237085	0.50	cps
Neodymium	150-2	62542	61394	62060	61999	0.93	cps
Nickel	60-2	74802	74749	74984	74845	0.16	cps
Phosphorus	31-2	18512	18662	19939	19038	4.12	cps
Potassium	39-2	646179	649276	644764	646739	0.36	cps
Rhodium	103-1	12773990	13725539	13480254	13326594	3.71	cps
Rhodium	103-2	4995931	5031234	5362072	5129745	3.94	cps
Scandium	45-1	11063955	11632039	12049248	11581747	4.27	cps
Scandium	45-2	295596	294760	302596	297651	1.45	cps
Selenium	82-1	759	649	295	568	42.70	cps
Selenium	77-2	353	327	327	336	4.59	cps
Selenium	78-2	349	311	321	327	6.02	cps
Silicon	28-1	32571349	32473925	31971650	32338974	1.00	cps
Silver	107-1	10054	9495	9846	9798	2.88	cps
Silver	109-1	9362	9512	9462	9445	0.81	cps
Sodium	23-2	183057	182539	181482	182360	0.44	cps
Strontium	86-1	1710323	1689917	1670761	1690334	1.17	cps
Strontium	88-1	14092229	14495489	14197543	14261754	1.47	cps
Sulfur	34-1	500017	499655	499689	499787	0.04	cps
Terbium	159-1	16190697	17414385	17243051	16949378	3.91	cps
Terbium	159-2	5815598	5906275	6041661	5921178	1.92	cps
Thallium	203-1	6502	6577	6493	6524	0.70	cps
Thallium	205-1	14775	15868	15927	15524	4.18	cps
Tin	118-1	20858	20574	22486	21306	4.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-03	Instrumnet Name :	P8
Client Sample ID :	MH1Q11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:28:45	DataFile Name :	111AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	539537	538120	535214	537623	0.41	cps
Uranium	238-1	125300	122098	118464	121954	2.80	cps
Vanadium	51-2	229902	227177	228748	228609	0.60	cps
Ytterbium	172-1	33217	32056	33702	32992	2.56	cps
Ytterbium	172-2	12690	12756	12651	12699	0.42	cps
Ytterbium	176-1	21752	23221	22269	22414	3.32	cps
Ytterbium	176-2	14658	14992	16461	15370	6.24	cps
Yttrium	89-1	24691642	26888124	26912549	26164105	4.87	cps
Yttrium	89-2	2444702	2481740	2488099	2471513	0.95	cps
Zinc	66-2	106356	108386	106638	107127	1.03	cps
Zirconium	90-1	93062	91190	92406	92219	1.03	cps
Zirconium	91-1	20532	21075	20666	20758	1.36	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:49:59	DataFile Name :	117CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4624699	4702717	4721962	4683126	1.10	cps
Antimony	121-1	5086501	4973270	5042574	5034115	1.13	cps
Arsenic	75-2	141326	141262	140755	141114	0.22	cps
Barium	135-1	6893305	6922965	7156438	6990903	2.06	cps
Barium	137-1	11903421	12217378	12010656	12043818	1.33	cps
Beryllium	9-1	2488262	2524172	2625867	2546100	2.80	cps
Bismuth	209-1	8002326	8107495	8418294	8176038	2.65	cps
Bismuth	209-2	3703533	3727995	3688690	3706739	0.54	cps
Boron	10-1	464802	495493	490566	483620	3.41	cps
Boron	11-1	2037376	1951792	2128645	2039271	4.34	cps
Bromine	81-1	67276	68141	70000	68473	2.03	cps
Cadmium	111-1	1457326	1492138	1482164	1477209	1.21	cps
Cadmium	106-1	176202	182716	182928	180615	2.12	cps
Cadmium	108-1	124482	123755	123041	123759	0.58	cps
Calcium	43-1	11684371	12059626	12085743	11943247	1.88	cps
Calcium	44-1	190003517	189553615	191866985	190474705	0.64	cps
Carbon	12-1	11184381	11209833	11311601	11235272	0.60	cps
Carbon	12-2	115948	121324	119224	118832	2.28	cps
Chlorine	35-1	2560456	2509751	2458161	2509456	2.04	cps
Chlorine	35-2	15851	15108	15150	15370	2.71	cps
Chromium	52-2	1516199	1546704	1531290	1531398	1.00	cps
Cobalt	59-2	2641204	2703131	2609901	2651412	1.79	cps
Copper	63-2	20660632	20375794	19622459	20219628	2.65	cps
Dysprosium	156-1	892	808	833	844	5.06	cps
Dysprosium	156-2	240	277	353	290	19.94	cps
Erbium	164-1	225	175	175	192	15.06	cps
Erbium	164-2	57	40	80	59	34.12	cps
Gadolinium	160-1	667	658	642	656	1.94	cps
Gadolinium	160-2	390	373	347	370	5.91	cps
Holmium	165-1	15107049	15240609	15828264	15391974	2.49	cps
Holmium	165-2	5807345	5826204	5879716	5837755	0.64	cps
Indium	115-1	12570341	12700905	13281463	12850903	2.95	cps
Indium	115-2	1854947	1833120	1850374	1846147	0.62	cps
Iron	54-2	16609728	15826603	15945908	16127413	2.62	cps
Iron	56-2	288774551	291173584	293455873	291134669	0.80	cps
Iron	57-2	7240240	7710531	7403652	7451474	3.20	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:49:59	DataFile Name :	117CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12331	12129	11995	12152	1.39	cps
Lead	206-1	19585475	19280785	19318740	19395000	0.86	cps
Lead	207-1	17135333	16899359	16247749	16760814	2.74	cps
Lead	208-1	78008198	78805340	76386563	77733367	1.59	cps
Lithium	6-1	7643100	7649778	8654352	7982410	7.29	cps
Magnesium	24-2	60436489	61459451	61051551	60982497	0.84	cps
Manganese	55-2	8382742	8361146	8175336	8306408	1.37	cps
Molybdenum	94-1	21978505	22060499	21606532	21881846	1.11	cps
Molybdenum	95-1	30713949	31421897	30612210	30916018	1.43	cps
Molybdenum	96-1	33959351	34359934	33428354	33915880	1.38	cps
Molybdenum	97-1	19157005	19080834	18710621	18982820	1.26	cps
Molybdenum	98-1	51163749	50466991	49249496	50293412	1.93	cps
Neodymium	150-1	660	627	680	656	4.11	cps
Neodymium	150-2	57	37	40	44	24.11	cps
Nickel	60-2	719385	709155	720645	716395	0.88	cps
Phosphorus	31-2	53048	55106	52873	53676	2.31	cps
Potassium	39-2	23205729	22738434	22925394	22956519	1.02	cps
Rhodium	103-1	11650992	11766797	11796972	11738253	0.66	cps
Rhodium	103-2	4594626	4586435	4683436	4621499	1.16	cps
Scandium	45-1	10603617	10574509	10850151	10676092	1.42	cps
Scandium	45-2	281155	283737	282660	282518	0.46	cps
Selenium	82-1	138692	139418	138486	138865	0.35	cps
Selenium	77-2	3621	3540	3617	3593	1.26	cps
Selenium	78-2	12545	12545	12356	12482	0.87	cps
Silicon	28-1	19038193	18652612	19374591	19021799	1.90	cps
Silver	107-1	8092269	8045089	8227619	8121659	1.17	cps
Silver	109-1	7594169	7596178	7449002	7546449	1.12	cps
Sodium	23-2	115612586	115611594	116766473	115996885	0.57	cps
Strontium	86-1	2306256	2217361	2295575	2273064	2.14	cps
Strontium	88-1	19086450	18725131	19129444	18980342	1.17	cps
Sulfur	34-1	1113887	1125510	1087058	1108818	1.78	cps
Terbium	159-1	15920650	15334681	16430789	15895374	3.45	cps
Terbium	159-2	5848354	5877698	5732987	5819680	1.31	cps
Thallium	203-1	4889560	4710421	4904286	4834755	2.23	cps
Thallium	205-1	11250852	11108136	11649266	11336085	2.47	cps
Tin	118-1	4964340	4777935	5048078	4930118	2.80	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:49:59	DataFile Name :	117CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10602194	10197274	10224084	10341184	2.19	cps
Uranium	238-1	15629038	15861660	15464977	15651892	1.27	cps
Vanadium	51-2	1188547	1206631	1182732	1192637	1.05	cps
Ytterbium	172-1	208	292	217	239	19.21	cps
Ytterbium	172-2	89	33	100	74	48.22	cps
Ytterbium	176-1	23647	22169	23697	23171	3.75	cps
Ytterbium	176-2	13941	14998	14759	14566	3.80	cps
Yttrium	89-1	22718691	22713625	22753706	22728674	0.10	cps
Yttrium	89-2	2217079	2207609	2246098	2223595	0.90	cps
Zinc	66-2	2546520	2546813	2485046	2526126	1.41	cps
Zirconium	90-1	11602672	11594326	11306907	11501302	1.46	cps
Zirconium	91-1	2559429	2504149	2560830	2541469	1.27	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:55:20	DataFile Name :	118CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	246	274	266	6.42	cps
Antimony	121-1	1550	1725	2034	1770	13.83	cps
Arsenic	75-2	11	4	9	8	45.07	cps
Barium	135-1	308	200	200	236	26.49	cps
Barium	137-1	500	433	375	436	14.34	cps
Beryllium	9-1	242	200	206	216	10.52	cps
Bismuth	209-1	9082127	9322740	9350200	9251689	1.59	cps
Bismuth	209-2	4050375	4044304	4041702	4045460	0.11	cps
Boron	10-1	36240	35482	33333	35018	4.31	cps
Boron	11-1	154275	153943	147024	151747	2.70	cps
Bromine	81-1	68505	67468	66489	67487	1.49	cps
Cadmium	111-1	1373	1352	1452	1392	3.79	cps
Cadmium	106-1	6277	6002	6643	6307	5.11	cps
Cadmium	108-1	46	33	50	43	20.15	cps
Calcium	43-1	566	574	554	565	1.79	cps
Calcium	44-1	19631	18221	18375	18742	4.13	cps
Carbon	12-1	8997879	9271849	9200479	9156736	1.55	cps
Carbon	12-2	88986	89809	88073	88956	0.98	cps
Chlorine	35-1	2260754	2183882	2252455	2232363	1.89	cps
Chlorine	35-2	14341	13915	13857	14038	1.88	cps
Chromium	52-2	1297	1320	1307	1308	0.90	cps
Cobalt	59-2	127	103	137	122	14.00	cps
Copper	63-2	1747	1673	1693	1705	2.22	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	100	142	75	106	31.91	cps
Erbium	164-2	47	40	27	38	26.95	cps
Gadolinium	160-1	92	100	92	94	5.09	cps
Gadolinium	160-2	70	103	103	92	20.87	cps
Holmium	165-1	14745510	15235364	15231855	15070910	1.87	cps
Holmium	165-2	5712659	5765691	5804297	5760882	0.80	cps
Indium	115-1	14111363	14165629	13753301	14010098	1.60	cps
Indium	115-2	1938400	1903772	1896026	1912733	1.18	cps
Iron	54-2	1133	1122	1217	1157	4.46	cps
Iron	56-2	13162	12839	13123	13041	1.35	cps
Iron	57-2	322	333	428	361	16.06	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:55:20	DataFile Name :	118CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12493	12622	12724	12613	0.92	cps
Lead	206-1	2156	1884	2067	2035	6.82	cps
Lead	207-1	1872	1722	1872	1822	4.75	cps
Lead	208-1	8518	7996	8335	8283	3.20	cps
Lithium	6-1	8872287	8210294	8090904	8391162	5.02	cps
Magnesium	24-2	1909	1717	1683	1770	6.86	cps
Manganese	55-2	257	307	273	279	9.13	cps
Molybdenum	94-1	1625	1158	1375	1386	16.85	cps
Molybdenum	95-1	1508	1483	1192	1395	12.63	cps
Molybdenum	96-1	1775	1433	1692	1633	10.91	cps
Molybdenum	97-1	925	792	758	825	10.69	cps
Molybdenum	98-1	2600	2025	2100	2242	13.95	cps
Neodymium	150-1	20	27	0	16	89.22	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	83	80	80	81	2.37	cps
Phosphorus	31-2	167	192	83	147	38.53	cps
Potassium	39-2	19147	19155	19480	19261	0.99	cps
Rhodium	103-1	12935648	13448384	13382660	13255564	2.10	cps
Rhodium	103-2	5016759	5000989	5047354	5021701	0.47	cps
Scandium	45-1	11131112	11167391	10930794	11076432	1.15	cps
Scandium	45-2	280168	276074	276468	277570	0.81	cps
Selenium	82-1	-8	-330	-243	-193	-86.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	112	104	103	8.73	cps
Silicon	28-1	804924	810792	802571	806096	0.53	cps
Silver	107-1	1233	1342	1175	1250	6.77	cps
Silver	109-1	1217	1108	1008	1111	9.38	cps
Sodium	23-2	29597	30624	30257	30159	1.73	cps
Strontium	86-1	20399	19806	20349	20185	1.63	cps
Strontium	88-1	900	892	825	872	4.71	cps
Sulfur	34-1	361662	358680	359342	359895	0.44	cps
Terbium	159-1	15794449	15395625	15620830	15603634	1.28	cps
Terbium	159-2	6025840	5712621	5701161	5813207	3.17	cps
Thallium	203-1	1692	1533	1867	1697	9.83	cps
Thallium	205-1	4084	3959	4151	4065	2.39	cps
Tin	118-1	1992	2009	1892	1964	3.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:55:20	DataFile Name :	118CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	542	667	625	611	10.42	cps
Uranium	238-1	483	275	425	394	27.25	cps
Vanadium	51-2	27	47	27	33	34.64	cps
Ytterbium	172-1	83	117	75	92	24.05	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	1892	1925	2067	1961	4.74	cps
Ytterbium	176-2	6357	6524	6802	6561	3.42	cps
Yttrium	89-1	23024475	23046957	23448347	23173260	1.03	cps
Yttrium	89-2	2187665	2228432	2242891	2219663	1.29	cps
Zinc	66-2	250	270	243	254	5.45	cps
Zirconium	90-1	1717	1558	1892	1722	9.68	cps
Zirconium	91-1	267	233	375	292	25.39	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-07	Instrumnet Name :	P8
Client Sample ID :	MH1QB0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:58:22	DataFile Name :	119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1271844	1272166	1220481	1254830	2.37	cps
Antimony	121-1	53112	52460	54593	53389	2.05	cps
Arsenic	75-2	10857	10648	10796	10767	1.00	cps
Barium	135-1	2073142	2035143	1998121	2035469	1.84	cps
Barium	137-1	3526189	3507348	3497377	3510305	0.42	cps
Beryllium	9-1	8611	8239	8247	8365	2.54	cps
Bismuth	209-1	9129776	9314766	9139177	9194573	1.13	cps
Bismuth	209-2	4125042	4098471	4055105	4092873	0.86	cps
Boron	10-1	57733	60324	61840	59966	3.46	cps
Boron	11-1	258615	256889	259264	258256	0.48	cps
Bromine	81-1	87789	87895	87237	87641	0.40	cps
Cadmium	111-1	41231	41771	41881	41628	0.84	cps
Cadmium	106-1	11639	11772	11722	11711	0.58	cps
Cadmium	108-1	3280	3013	3342	3212	5.44	cps
Calcium	43-1	8612670	8608996	8411062	8544243	1.35	cps
Calcium	44-1	135179297	136590357	136979554	136249736	0.70	cps
Carbon	12-1	28264830	29183750	30133369	29193983	3.20	cps
Carbon	12-2	284524	283522	286274	284773	0.49	cps
Chlorine	35-1	98497725	120026699	133926040	117483488	15.19	cps
Chlorine	35-2	1007483	1025939	1095709	1043044	4.46	cps
Chromium	52-2	104073	103448	102948	103490	0.54	cps
Cobalt	59-2	79012	79200	79192	79134	0.13	cps
Copper	63-2	796905	809034	801636	802525	0.76	cps
Dysprosium	156-1	103712	104417	105066	104398	0.65	cps
Dysprosium	156-2	35547	34251	34776	34858	1.87	cps
Erbium	164-1	87195	87078	86792	87022	0.24	cps
Erbium	164-2	30709	29523	29981	30071	1.99	cps
Gadolinium	160-1	93229	92304	92824	92786	0.50	cps
Gadolinium	160-2	38349	36992	36861	37401	2.20	cps
Holmium	165-1	15614050	16168822	15763131	15848668	1.81	cps
Holmium	165-2	5995182	5885424	5855518	5912042	1.24	cps
Indium	115-1	14322894	14282488	14063773	14223051	0.98	cps
Indium	115-2	1979073	1883223	1952832	1938376	2.56	cps
Iron	54-2	4527194	4668141	4615476	4603604	1.55	cps
Iron	56-2	83165966	82928432	81740691	82611696	0.92	cps
Iron	57-2	2074740	2112574	2063058	2083457	1.24	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-07	Instrumnet Name :	P8
Client Sample ID :	MH1QB0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:58:22	DataFile Name :	119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12942	13153	13207	13101	1.07	cps
Lead	206-1	10636539	11093523	10704122	10811395	2.28	cps
Lead	207-1	9149035	9224622	9058261	9143973	0.91	cps
Lead	208-1	42254992	43168404	42398628	42607341	1.15	cps
Lithium	6-1	9148502	8962286	8763611	8958133	2.15	cps
Magnesium	24-2	2790549	2722709	2722621	2745293	1.43	cps
Manganese	55-2	2314755	2293695	2348833	2319095	1.20	cps
Molybdenum	94-1	53880	53178	54800	53953	1.51	cps
Molybdenum	95-1	29006	28455	28822	28761	0.98	cps
Molybdenum	96-1	42950	43737	42926	43204	1.07	cps
Molybdenum	97-1	18229	17286	17945	17820	2.71	cps
Molybdenum	98-1	45860	45074	46052	45662	1.14	cps
Neodymium	150-1	161309	165133	162296	162913	1.22	cps
Neodymium	150-2	45096	44751	45149	44999	0.48	cps
Nickel	60-2	57837	57031	57523	57464	0.71	cps
Phosphorus	31-2	62962	63249	62410	62874	0.68	cps
Potassium	39-2	1955982	1863857	1885507	1901782	2.53	cps
Rhodium	103-1	13183878	13590171	13076202	13283417	2.04	cps
Rhodium	103-2	5114407	4907839	4999816	5007354	2.07	cps
Scandium	45-1	11381561	11618523	11552026	11517370	1.06	cps
Scandium	45-2	298601	297359	293706	296555	0.86	cps
Selenium	82-1	1012	952	579	848	27.66	cps
Selenium	77-2	263	297	247	269	9.47	cps
Selenium	78-2	289	337	306	311	7.83	cps
Silicon	28-1	34162929	34990949	33788933	34314270	1.79	cps
Silver	107-1	53990	51723	52267	52660	2.25	cps
Silver	109-1	50669	50678	49314	50220	1.56	cps
Sodium	23-2	337637	335627	326369	333211	1.80	cps
Strontium	86-1	3482389	3523491	3537901	3514594	0.82	cps
Strontium	88-1	29667073	29550221	30384320	29867205	1.51	cps
Sulfur	34-1	570765	582012	565534	572770	1.47	cps
Terbium	159-1	16637173	16350571	16479710	16489151	0.87	cps
Terbium	159-2	5786419	5756783	6041296	5861499	2.67	cps
Thallium	203-1	6735	6810	6894	6813	1.16	cps
Thallium	205-1	16286	16586	16328	16400	0.99	cps
Tin	118-1	232120	239379	238037	236512	1.63	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-07	Instrumnet Name :	P8
Client Sample ID :	MH1QB0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 18:58:22	DataFile Name :	119AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	560019	565623	570844	565495	0.96	cps
Uranium	238-1	194378	197484	189995	193953	1.94	cps
Vanadium	51-2	170041	169855	171686	170527	0.59	cps
Ytterbium	172-1	26210	25308	24807	25442	2.79	cps
Ytterbium	172-2	9876	9898	10221	9998	1.93	cps
Ytterbium	176-1	17646	18263	17470	17793	2.34	cps
Ytterbium	176-2	13129	13630	14097	13618	3.55	cps
Yttrium	89-1	25366101	25580785	26050000	25665629	1.36	cps
Yttrium	89-2	2518961	2495423	2399840	2471408	2.55	cps
Zinc	66-2	928274	920689	923612	924192	0.41	cps
Zirconium	90-1	100521	99774	101729	100675	0.98	cps
Zirconium	91-1	22686	22285	23070	22680	1.73	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-08	Instrumnet Name :	P8
Client Sample ID :	MH1QB1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:01:15	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1334718	1357099	1378674	1356831	1.62	cps
Antimony	121-1	73231	73407	73013	73217	0.27	cps
Arsenic	75-2	13501	12998	12812	13104	2.72	cps
Barium	135-1	2157613	2241018	2267307	2221980	2.58	cps
Barium	137-1	3758923	3902842	3750298	3804021	2.25	cps
Beryllium	9-1	8927	8889	9399	9072	3.13	cps
Bismuth	209-1	9506108	9430978	9256640	9397909	1.36	cps
Bismuth	209-2	4057333	4165292	4000938	4074521	2.05	cps
Boron	10-1	54478	55255	56356	55363	1.70	cps
Boron	11-1	243604	257492	259439	253512	3.41	cps
Bromine	81-1	94821	100719	97290	97610	3.03	cps
Cadmium	111-1	46280	46010	47013	46435	1.12	cps
Cadmium	106-1	12156	12306	11981	12147	1.34	cps
Cadmium	108-1	3642	3921	3884	3816	3.97	cps
Calcium	43-1	9200915	9440302	9176585	9272601	1.57	cps
Calcium	44-1	149707482	152108403	149335203	150383696	1.00	cps
Carbon	12-1	27914038	28953208	29705312	28857519	3.12	cps
Carbon	12-2	285795	279643	279059	281499	1.33	cps
Chlorine	35-1	155974895	171602554	188145258	171907569	9.36	cps
Chlorine	35-2	1323844	1343643	1387813	1351767	2.42	cps
Chromium	52-2	108445	107991	107061	107832	0.65	cps
Cobalt	59-2	87521	87182	86582	87095	0.55	cps
Copper	63-2	932565	933117	910908	925530	1.37	cps
Dysprosium	156-1	122025	118819	124082	121642	2.18	cps
Dysprosium	156-2	39502	39261	38836	39200	0.86	cps
Erbium	164-1	92866	98113	96702	95894	2.83	cps
Erbium	164-2	32861	33522	33930	33438	1.61	cps
Gadolinium	160-1	106257	107847	104452	106185	1.60	cps
Gadolinium	160-2	42648	41969	42417	42345	0.81	cps
Holmium	165-1	16725962	16186511	16626679	16513051	1.74	cps
Holmium	165-2	5983545	5847058	6157603	5996069	2.60	cps
Indium	115-1	14604302	15208763	14649369	14820811	2.27	cps
Indium	115-2	1968700	1955723	2001596	1975340	1.20	cps
Iron	54-2	4804911	4777666	4779490	4787355	0.32	cps
Iron	56-2	88000821	88208952	87831683	88013819	0.21	cps
Iron	57-2	2277445	2322846	2331591	2310627	1.26	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-08	Instrumnet Name :	P8
Client Sample ID :	MH1QB1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:01:15	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13362	13452	13527	13447	0.61	cps
Lead	206-1	12986101	13381682	13060858	13142880	1.60	cps
Lead	207-1	10905559	11088542	10685578	10893226	1.85	cps
Lead	208-1	51135168	51955132	50744167	51278156	1.21	cps
Lithium	6-1	8965781	9084482	8977581	9009281	0.73	cps
Magnesium	24-2	2797929	2704246	2845135	2782437	2.58	cps
Manganese	55-2	2390226	2442773	2421602	2418200	1.09	cps
Molybdenum	94-1	61496	60492	58809	60265	2.25	cps
Molybdenum	95-1	33516	31728	32581	32608	2.74	cps
Molybdenum	96-1	47591	47206	50175	48324	3.34	cps
Molybdenum	97-1	20532	20290	20532	20452	0.68	cps
Molybdenum	98-1	50225	50660	51404	50763	1.17	cps
Neodymium	150-1	184714	193046	193985	190582	2.68	cps
Neodymium	150-2	53369	51405	52088	52287	1.91	cps
Nickel	60-2	68621	69144	70028	69265	1.03	cps
Phosphorus	31-2	60511	63959	64762	63077	3.58	cps
Potassium	39-2	1702333	1754532	1621844	1692903	3.95	cps
Rhodium	103-1	13716074	13984227	14090293	13930198	1.38	cps
Rhodium	103-2	5239080	5092949	5074326	5135451	1.76	cps
Scandium	45-1	11865674	12341100	12247026	12151267	2.07	cps
Scandium	45-2	309574	300631	305896	305367	1.47	cps
Selenium	82-1	848	953	1051	951	10.66	cps
Selenium	77-2	290	337	273	300	10.94	cps
Selenium	78-2	336	364	310	337	8.02	cps
Silicon	28-1	31912541	32452934	32862451	32409309	1.47	cps
Silver	107-1	57789	56576	57956	57440	1.31	cps
Silver	109-1	54132	56066	55095	55098	1.75	cps
Sodium	23-2	348780	336348	346563	343897	1.93	cps
Strontium	86-1	3866577	3769372	3738590	3791513	1.76	cps
Strontium	88-1	33195985	31868646	32653474	32572701	2.05	cps
Sulfur	34-1	605049	601684	604524	603752	0.30	cps
Terbium	159-1	17849945	17215290	16795596	17286944	3.07	cps
Terbium	159-2	5876439	5968046	5938247	5927577	0.79	cps
Thallium	203-1	5626	5710	5810	5715	1.61	cps
Thallium	205-1	13441	13249	14433	13708	4.64	cps
Tin	118-1	308833	308360	302274	306489	1.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-08	Instrumnet Name :	P8
Client Sample ID :	MH1QB1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:01:15	DataFile Name :	120AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	595942	621513	644663	620706	3.93	cps
Uranium	238-1	218338	215432	218154	217308	0.75	cps
Vanadium	51-2	189053	188354	189905	189104	0.41	cps
Ytterbium	172-1	27179	27337	27813	27443	1.20	cps
Ytterbium	172-2	10682	10799	10793	10758	0.61	cps
Ytterbium	176-1	18297	19673	19048	19006	3.63	cps
Ytterbium	176-2	13546	14252	14030	13943	2.59	cps
Yttrium	89-1	26197514	25856173	27036344	26363343	2.30	cps
Yttrium	89-2	2466392	2536323	2452542	2485086	1.81	cps
Zinc	66-2	1015122	1014969	1007604	1012565	0.42	cps
Zirconium	90-1	109678	111847	112495	111340	1.32	cps
Zirconium	91-1	25007	24664	25056	24909	0.86	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-09	Instrumnet Name :	P8
Client Sample ID :	MH1QB2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:04:11	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1330094	1348884	1349075	1342684	0.81	cps
Antimony	121-1	63038	62954	65433	63808	2.21	cps
Arsenic	75-2	13178	12695	12627	12833	2.34	cps
Barium	135-1	2368905	2265753	2312839	2315832	2.23	cps
Barium	137-1	3901775	3855784	3936569	3898043	1.04	cps
Beryllium	9-1	8881	9169	9069	9040	1.62	cps
Bismuth	209-1	9332728	9626444	9312225	9423799	1.87	cps
Bismuth	209-2	4009020	4176528	4210707	4132085	2.61	cps
Boron	10-1	41152	43606	43962	42907	3.57	cps
Boron	11-1	191860	190447	192015	191441	0.45	cps
Bromine	81-1	95436	98178	95969	96527	1.51	cps
Cadmium	111-1	48559	49666	49889	49371	1.44	cps
Cadmium	106-1	12881	12498	12848	12742	1.67	cps
Cadmium	108-1	3630	4017	3505	3717	7.19	cps
Calcium	43-1	8112302	7996994	8365656	8158317	2.31	cps
Calcium	44-1	132375642	127057089	133211451	130881394	2.55	cps
Carbon	12-1	20875902	21955679	22149836	21660472	3.17	cps
Carbon	12-2	208349	204996	203503	205616	1.21	cps
Chlorine	35-1	168906991	185946492	203604930	186152804	9.32	cps
Chlorine	35-2	1433370	1421898	1439286	1431518	0.62	cps
Chromium	52-2	84043	84552	84676	84423	0.40	cps
Cobalt	59-2	83631	82008	82213	82617	1.07	cps
Copper	63-2	808266	798604	812803	806558	0.90	cps
Dysprosium	156-1	112751	114711	113777	113746	0.86	cps
Dysprosium	156-2	37951	37817	38131	37966	0.42	cps
Erbium	164-1	94007	94015	96151	94724	1.30	cps
Erbium	164-2	32376	32279	32827	32494	0.90	cps
Gadolinium	160-1	101074	99371	101646	100697	1.18	cps
Gadolinium	160-2	40625	40121	40244	40330	0.65	cps
Holmium	165-1	16366106	16752696	16206335	16441712	1.71	cps
Holmium	165-2	6071544	6069032	5851972	5997516	2.10	cps
Indium	115-1	15007238	15033523	15136602	15059121	0.45	cps
Indium	115-2	2030044	1994382	2051669	2025365	1.43	cps
Iron	54-2	4689463	4661178	4615316	4655319	0.80	cps
Iron	56-2	84361610	86044555	82360602	84255589	2.19	cps
Iron	57-2	2144522	2162579	2151095	2152732	0.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-09	Instrumnet Name :	P8
Client Sample ID :	MH1QB2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:04:11	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13712	13460	13600	13591	0.93	cps
Lead	206-1	16765594	16369834	16354672	16496700	1.41	cps
Lead	207-1	13634881	13694199	13824741	13717940	0.71	cps
Lead	208-1	63892013	64471229	64270083	64211108	0.46	cps
Lithium	6-1	8814235	8840350	9315437	8990007	3.14	cps
Magnesium	24-2	2226179	2205519	2200311	2210670	0.62	cps
Manganese	55-2	2164841	2214259	2127492	2168864	2.01	cps
Molybdenum	94-1	58909	57771	59119	58600	1.24	cps
Molybdenum	95-1	31670	31837	33391	32299	2.94	cps
Molybdenum	96-1	46002	44941	47734	46225	3.05	cps
Molybdenum	97-1	19598	19598	20557	19918	2.78	cps
Molybdenum	98-1	51238	51212	51797	51416	0.64	cps
Neodymium	150-1	179763	179280	182199	180414	0.87	cps
Neodymium	150-2	49738	47510	47782	48344	2.51	cps
Nickel	60-2	59075	59373	58975	59141	0.35	cps
Phosphorus	31-2	39806	39087	38485	39126	1.69	cps
Potassium	39-2	1246599	1199503	1170498	1205533	3.19	cps
Rhodium	103-1	14173475	13729527	13829877	13910960	1.67	cps
Rhodium	103-2	5308146	5152843	5408699	5289896	2.44	cps
Scandium	45-1	11998821	12065472	12331066	12131786	1.45	cps
Scandium	45-2	310041	304911	308109	307687	0.84	cps
Selenium	82-1	643	636	639	639	0.59	cps
Selenium	77-2	230	263	290	261	11.51	cps
Selenium	78-2	335	319	327	327	2.45	cps
Silicon	28-1	30542062	31894516	34613347	32349975	6.41	cps
Silver	107-1	63180	62585	64327	63364	1.40	cps
Silver	109-1	61623	59556	60525	60568	1.71	cps
Sodium	23-2	327857	331760	327352	328990	0.73	cps
Strontium	86-1	3044537	2974483	3042574	3020531	1.32	cps
Strontium	88-1	25478025	25048731	25669342	25398699	1.25	cps
Sulfur	34-1	553948	559567	552385	555300	0.68	cps
Terbium	159-1	17650850	17377811	17303758	17444140	1.05	cps
Terbium	159-2	5951075	5995821	6087994	6011630	1.16	cps
Thallium	203-1	5968	5801	5768	5846	1.83	cps
Thallium	205-1	14375	14217	13758	14116	2.27	cps
Tin	118-1	440517	443220	451015	444917	1.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-09	Instrumnet Name :	P8
Client Sample ID :	MH1QB2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:04:11	DataFile Name :	121AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	650607	661393	685809	665936	2.71	cps
Uranium	238-1	174980	172562	181029	176190	2.48	cps
Vanadium	51-2	186953	183729	187425	186036	1.08	cps
Ytterbium	172-1	26569	26636	27354	26853	1.62	cps
Ytterbium	172-2	11433	11694	10921	11350	3.46	cps
Ytterbium	176-1	18438	19039	19298	18925	2.33	cps
Ytterbium	176-2	14269	13980	14358	14202	1.39	cps
Yttrium	89-1	26924820	26035446	26902287	26620851	1.90	cps
Yttrium	89-2	2556149	2598547	2522923	2559206	1.48	cps
Zinc	66-2	967651	982307	972973	974311	0.76	cps
Zirconium	90-1	108220	107255	111530	109002	2.06	cps
Zirconium	91-1	23771	24088	24322	24060	1.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-10	Instrumnet Name :	P8
Client Sample ID :	MH1QB3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:07:04	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1513701	1494919	1432750	1480456	2.86	cps
Antimony	121-1	75836	74847	76331	75671	1.00	cps
Arsenic	75-2	15396	15541	15263	15400	0.90	cps
Barium	135-1	2684130	2622619	2722760	2676503	1.89	cps
Barium	137-1	4588816	4527256	4746905	4620992	2.45	cps
Beryllium	9-1	10005	10011	10156	10057	0.84	cps
Bismuth	209-1	9690687	9840242	9881775	9804235	1.03	cps
Bismuth	209-2	4214827	4029835	4157802	4134155	2.29	cps
Boron	10-1	39444	40821	40819	40361	1.97	cps
Boron	11-1	170389	185284	182997	179557	4.47	cps
Bromine	81-1	95175	94945	98106	96075	1.83	cps
Cadmium	111-1	431626	429623	433612	431620	0.46	cps
Cadmium	106-1	47525	49055	48913	48498	1.74	cps
Cadmium	108-1	29882	30835	30985	30567	1.96	cps
Calcium	43-1	8362933	8310712	8452906	8375517	0.86	cps
Calcium	44-1	134678458	136384159	136743523	135935380	0.81	cps
Carbon	12-1	18350843	18333062	18973832	18552579	1.97	cps
Carbon	12-2	176528	172447	176544	175173	1.35	cps
Chlorine	35-1	250818089	275957356	295927223	274234223	8.24	cps
Chlorine	35-2	2051817	2106444	2084875	2081045	1.32	cps
Chromium	52-2	87101	86329	85933	86454	0.69	cps
Cobalt	59-2	88534	88628	85449	87537	2.07	cps
Copper	63-2	765443	762611	757503	761852	0.53	cps
Dysprosium	156-1	118771	119535	120005	119437	0.52	cps
Dysprosium	156-2	38820	38058	37569	38149	1.65	cps
Erbium	164-1	99465	97980	98996	98814	0.77	cps
Erbium	164-2	33292	32136	32857	32762	1.78	cps
Gadolinium	160-1	108013	102245	107398	105885	2.99	cps
Gadolinium	160-2	42251	41083	40963	41432	1.72	cps
Holmium	165-1	16964631	16932887	16976045	16957854	0.13	cps
Holmium	165-2	5929663	5873621	5981255	5928180	0.91	cps
Indium	115-1	15157437	15144283	15778107	15359942	2.36	cps
Indium	115-2	2065009	1931636	2011807	2002817	3.35	cps
Iron	54-2	5010624	5009696	4800588	4940303	2.45	cps
Iron	56-2	88014213	90367144	86964966	88448774	1.97	cps
Iron	57-2	2239945	2307859	2164017	2237273	3.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-10	Instrumnet Name :	P8
Client Sample ID :	MH1QB3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:07:04	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13448	13710	13701	13620	1.09	cps
Lead	206-1	24848988	25693108	24976205	25172767	1.81	cps
Lead	207-1	20611363	21012087	19962759	20528736	2.58	cps
Lead	208-1	96677851	98735720	94919387	96777653	1.97	cps
Lithium	6-1	8788955	9501361	9231542	9173952	3.92	cps
Magnesium	24-2	2258637	2298374	2211130	2256047	1.94	cps
Manganese	55-2	2251939	2249380	2152265	2217861	2.56	cps
Molybdenum	94-1	70773	71300	70102	70725	0.85	cps
Molybdenum	95-1	37301	38003	38947	38084	2.17	cps
Molybdenum	96-1	54040	55093	55478	54870	1.36	cps
Molybdenum	97-1	24397	23663	24380	24147	1.74	cps
Molybdenum	98-1	61831	60224	61629	61228	1.43	cps
Neodymium	150-1	190185	193167	194828	192726	1.22	cps
Neodymium	150-2	50384	49451	48665	49500	1.74	cps
Nickel	60-2	63679	61787	61750	62405	1.77	cps
Phosphorus	31-2	33665	31719	32471	32618	3.01	cps
Potassium	39-2	1197941	1218924	1220219	1212361	1.03	cps
Rhodium	103-1	14002146	13997235	14216522	14071968	0.89	cps
Rhodium	103-2	5329814	5055300	5252504	5212540	2.72	cps
Scandium	45-1	12065613	12076111	12099226	12080317	0.14	cps
Scandium	45-2	308833	303802	302833	305156	1.06	cps
Selenium	82-1	886	614	898	799	20.07	cps
Selenium	77-2	303	290	237	277	12.75	cps
Selenium	78-2	312	331	286	310	7.30	cps
Silicon	28-1	33017733	33311951	34866861	33732182	2.95	cps
Silver	107-1	63874	65398	65406	64893	1.36	cps
Silver	109-1	61547	60895	61806	61416	0.77	cps
Sodium	23-2	466617	468466	452042	462375	1.95	cps
Strontium	86-1	2784475	2742603	2840102	2789060	1.75	cps
Strontium	88-1	22701349	23524076	24169996	23465140	3.14	cps
Sulfur	34-1	572784	573192	574136	573371	0.12	cps
Terbium	159-1	17388220	17234384	17069342	17230649	0.93	cps
Terbium	159-2	6160770	5964379	5903209	6009453	2.24	cps
Thallium	203-1	6343	5785	6694	6274	7.31	cps
Thallium	205-1	14383	15468	15526	15126	4.26	cps
Tin	118-1	541925	558431	560181	553513	1.82	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-10	Instrumnet Name :	P8
Client Sample ID :	MH1QB3	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:07:04	DataFile Name :	122AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	830397	833170	845754	836440	0.98	cps
Uranium	238-1	163118	166214	165209	164847	0.96	cps
Vanadium	51-2	211247	208129	202866	207414	2.04	cps
Ytterbium	172-1	28682	30294	29400	29459	2.74	cps
Ytterbium	172-2	11077	11110	11183	11123	0.49	cps
Ytterbium	176-1	19632	20233	19832	19899	1.54	cps
Ytterbium	176-2	13646	14525	13941	14037	3.19	cps
Yttrium	89-1	26478330	26969029	27148564	26865308	1.29	cps
Yttrium	89-2	2553669	2468872	2561276	2527939	2.03	cps
Zinc	66-2	1182576	1174261	1176628	1177821	0.36	cps
Zirconium	90-1	131038	136578	137364	134993	2.55	cps
Zirconium	91-1	29089	30952	31069	30370	3.66	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:09:59	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	556	514	537	4.03	cps
Antimony	121-1	508	400	408	439	13.74	cps
Arsenic	75-2	207010	202334	201588	203644	1.44	cps
Barium	135-1	99433	96083	95092	96869	2.35	cps
Barium	137-1	172866	166041	168308	169071	2.06	cps
Beryllium	9-1	110	124	118	117	5.99	cps
Bismuth	209-1	8778090	8599511	8960266	8779289	2.05	cps
Bismuth	209-2	4019191	3880601	3848412	3916068	2.32	cps
Boron	10-1	124080	128721	135243	129348	4.34	cps
Boron	11-1	546417	580704	585848	570990	3.75	cps
Bromine	81-1	100365	110139	111775	107426	5.74	cps
Cadmium	111-1	1460	1399	1383	1414	2.85	cps
Cadmium	106-1	6627	6510	6660	6599	1.19	cps
Cadmium	108-1	58	58	46	54	13.32	cps
Calcium	43-1	20571205	21047047	20983080	20867111	1.24	cps
Calcium	44-1	332592190	334503841	334724574	333940202	0.35	cps
Carbon	12-1	15972551	17843655	18966136	17594114	8.60	cps
Carbon	12-2	193242	199915	198054	197070	1.75	cps
Chlorine	35-1	36091992	32883133	31014051	33329725	7.71	cps
Chlorine	35-2	189209	184916	177968	184031	3.08	cps
Chromium	52-2	3834	3824	3844	3834	0.26	cps
Cobalt	59-2	1703	1683	1727	1705	1.27	cps
Copper	63-2	2314	2240	2257	2270	1.69	cps
Dysprosium	156-1	225	225	175	208	13.86	cps
Dysprosium	156-2	47	43	50	47	7.15	cps
Erbium	164-1	200	258	317	258	22.58	cps
Erbium	164-2	93	83	87	88	5.80	cps
Gadolinium	160-1	217	183	142	181	20.81	cps
Gadolinium	160-2	123	180	153	152	18.62	cps
Holmium	165-1	16216247	16408413	16541521	16388727	1.00	cps
Holmium	165-2	6130671	5714820	5947193	5930895	3.51	cps
Indium	115-1	14273846	14524637	14589929	14462804	1.15	cps
Indium	115-2	2001799	1944393	1901204	1949132	2.59	cps
Iron	54-2	2049471	2050416	2031879	2043922	0.51	cps
Iron	56-2	37105124	36250545	36380127	36578599	1.26	cps
Iron	57-2	933647	901000	894072	909573	2.32	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:09:59	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13260	13245	12924	13143	1.44	cps
Lead	206-1	5246	4645	4773	4888	6.47	cps
Lead	207-1	4184	3717	3923	3941	5.94	cps
Lead	208-1	20145	18634	17422	18733	7.28	cps
Lithium	6-1	8843375	8762600	8960147	8855374	1.12	cps
Magnesium	24-2	67499008	65921320	66782643	66734324	1.18	cps
Manganese	55-2	1632708	1629445	1581819	1614657	1.76	cps
Molybdenum	94-1	11547	11296	11847	11563	2.38	cps
Molybdenum	95-1	18179	17094	18304	17859	3.73	cps
Molybdenum	96-1	22185	21784	23187	22385	3.23	cps
Molybdenum	97-1	11063	11297	11822	11394	3.41	cps
Molybdenum	98-1	29632	27879	28355	28622	3.17	cps
Neodymium	150-1	220	207	93	173	40.15	cps
Neodymium	150-2	30	40	47	39	21.57	cps
Nickel	60-2	1233	1267	1310	1270	3.03	cps
Phosphorus	31-2	1150	1100	1083	1111	3.12	cps
Potassium	39-2	1151402	1205832	1146558	1167931	2.82	cps
Rhodium	103-1	12843103	12917745	13304731	13021860	1.90	cps
Rhodium	103-2	5048247	4883160	4911462	4947623	1.78	cps
Scandium	45-1	11851261	11797452	11644179	11764297	0.91	cps
Scandium	45-2	300540	297789	291395	296574	1.58	cps
Selenium	82-1	258	-133	373	166	159.63	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	105	113	100	106	6.19	cps
Silicon	28-1	158658774	160796774	163201791	160885780	1.41	cps
Silver	107-1	500	575	642	572	12.39	cps
Silver	109-1	350	408	450	403	12.47	cps
Sodium	23-2	12339503	12147248	12259204	12248652	0.79	cps
Strontium	86-1	48925116	48919178	49581828	49142041	0.78	cps
Strontium	88-1	423508551	421568834	427993876	424357087	0.78	cps
Sulfur	34-1	42925505	43893438	43156058	43325001	1.17	cps
Terbium	159-1	16868053	17185172	16879187	16977471	1.06	cps
Terbium	159-2	6025858	6014197	5917808	5985954	0.99	cps
Thallium	203-1	892	708	700	767	14.13	cps
Thallium	205-1	1709	1592	1834	1711	7.06	cps
Tin	118-1	6035	6085	6143	6088	0.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:09:59	DataFile Name :	123AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3334	2900	3059	3098	7.08	cps
Uranium	238-1	1959	1834	2009	1934	4.66	cps
Vanadium	51-2	323	337	353	338	4.45	cps
Ytterbium	172-1	142	100	117	119	17.56	cps
Ytterbium	172-2	61	61	44	56	17.31	cps
Ytterbium	176-1	2242	2042	1792	2025	11.13	cps
Ytterbium	176-2	6924	7302	7402	7210	3.50	cps
Yttrium	89-1	24366205	24921325	24958150	24748560	1.34	cps
Yttrium	89-2	2399240	2279154	2324282	2334225	2.60	cps
Zinc	66-2	1550	1510	1573	1545	2.07	cps
Zirconium	90-1	3459	3042	3167	3223	6.64	cps
Zirconium	91-1	1517	1275	1083	1292	16.81	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:12:54	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470	472	432	458	4.89	cps
Antimony	121-1	1742	1633	1692	1689	3.21	cps
Arsenic	75-2	5286	5176	5279	5247	1.16	cps
Barium	135-1	59348	59297	58134	58926	1.17	cps
Barium	137-1	105478	106504	105772	105918	0.50	cps
Beryllium	9-1	102	116	94	104	10.71	cps
Bismuth	209-1	8947288	8569432	9067898	8861539	2.93	cps
Bismuth	209-2	3942159	3938237	3857814	3912737	1.22	cps
Boron	10-1	68377	69447	68269	68698	0.95	cps
Boron	11-1	297270	302503	308896	302890	1.92	cps
Bromine	81-1	93479	93348	96542	94456	1.91	cps
Cadmium	111-1	1527	1557	1511	1532	1.52	cps
Cadmium	106-1	6969	7302	6944	7071	2.83	cps
Cadmium	108-1	71	17	33	40	68.87	cps
Calcium	43-1	16171434	16393293	15630340	16065022	2.44	cps
Calcium	44-1	262973296	258967696	253536575	258492522	1.83	cps
Carbon	12-1	17751135	19447213	20050688	19083012	6.25	cps
Carbon	12-2	202501	212836	208087	207808	2.49	cps
Chlorine	35-1	14214323	13165988	12307094	13229135	7.22	cps
Chlorine	35-2	71728	70430	68773	70310	2.11	cps
Chromium	52-2	1443	1493	1533	1490	3.03	cps
Cobalt	59-2	8586	8276	7902	8255	4.15	cps
Copper	63-2	8283	8299	8139	8240	1.07	cps
Dysprosium	156-1	58	50	50	53	9.11	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	150	125	133	136	9.35	cps
Erbium	164-2	43	67	50	53	22.54	cps
Gadolinium	160-1	125	150	150	142	10.19	cps
Gadolinium	160-2	127	90	77	98	26.48	cps
Holmium	165-1	16443069	16272863	16079070	16265001	1.12	cps
Holmium	165-2	5818815	5972813	5746499	5846042	1.98	cps
Indium	115-1	14324082	14355368	14203556	14294335	0.56	cps
Indium	115-2	1943750	1895633	1910076	1916486	1.29	cps
Iron	54-2	3562	3545	3584	3563	0.55	cps
Iron	56-2	57438	55218	56875	56510	2.04	cps
Iron	57-2	13785	14813	14736	14445	3.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:12:54	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12338	12320	12174	12277	0.73	cps
Lead	206-1	2689	2484	2550	2574	4.07	cps
Lead	207-1	2095	2222	2217	2178	3.32	cps
Lead	208-1	10085	10107	9991	10061	0.62	cps
Lithium	6-1	9165018	9536261	8832837	9178039	3.83	cps
Magnesium	24-2	43220134	42755609	44351297	43442347	1.89	cps
Manganese	55-2	305218	311417	316228	310954	1.78	cps
Molybdenum	94-1	11247	11463	11538	11416	1.33	cps
Molybdenum	95-1	19089	18279	17503	18290	4.34	cps
Molybdenum	96-1	20065	20708	19990	20254	1.95	cps
Molybdenum	97-1	11522	11864	10579	11322	5.88	cps
Molybdenum	98-1	30359	29791	29248	29799	1.86	cps
Neodymium	150-1	33	40	60	44	31.23	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	7709	8016	8122	7949	2.70	cps
Phosphorus	31-2	167	125	142	144	14.52	cps
Potassium	39-2	1104967	1118421	1135397	1119595	1.36	cps
Rhodium	103-1	12901673	13394915	13061278	13119288	1.92	cps
Rhodium	103-2	4874409	4940587	4963025	4926007	0.94	cps
Scandium	45-1	11858081	11432900	11371498	11554160	2.29	cps
Scandium	45-2	285669	289464	294294	289809	1.49	cps
Selenium	82-1	442	424	640	502	23.94	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	113	116	108	112	3.60	cps
Silicon	28-1	60470653	60871226	60541999	60627960	0.35	cps
Silver	107-1	625	542	333	500	30.05	cps
Silver	109-1	450	250	258	319	35.42	cps
Sodium	23-2	6750956	6809727	6829080	6796587	0.60	cps
Strontium	86-1	50098058	49977940	50975726	50350575	1.08	cps
Strontium	88-1	444000177	419925284	417929851	427285104	3.40	cps
Sulfur	34-1	30587635	31823631	30871354	31094207	2.08	cps
Terbium	159-1	17332226	16745859	17017774	17031953	1.72	cps
Terbium	159-2	5779338	6054618	6070859	5968272	2.74	cps
Thallium	203-1	525	525	542	531	1.81	cps
Thallium	205-1	1375	1050	1425	1283	15.87	cps
Tin	118-1	3217	2967	3042	3075	4.17	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:12:54	DataFile Name :	124AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1558	1650	1542	1583	3.68	cps
Uranium	238-1	17980	17796	18063	17947	0.76	cps
Vanadium	51-2	140	147	130	139	6.04	cps
Ytterbium	172-1	58	67	100	75	29.39	cps
Ytterbium	172-2	28	33	56	39	37.80	cps
Ytterbium	176-1	2184	2359	2159	2234	4.88	cps
Ytterbium	176-2	6524	6746	6946	6739	3.14	cps
Yttrium	89-1	24472453	24311075	24048449	24277325	0.88	cps
Yttrium	89-2	2223129	2257363	2277089	2252527	1.21	cps
Zinc	66-2	1813	1767	1994	1858	6.44	cps
Zirconium	90-1	1417	1700	1450	1522	10.17	cps
Zirconium	91-1	350	292	350	331	10.19	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2066-05 Instrumnet Name : P8
 Client Sample ID : YAZ45D Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 19:15:51 DataFile Name : 125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1209	1272	1222	1234	2.72	cps
Antimony	121-1	1650	1708	1750	1703	2.95	cps
Arsenic	75-2	5131	5220	5157	5170	0.89	cps
Barium	135-1	60913	58251	60528	59897	2.40	cps
Barium	137-1	105729	105931	105134	105598	0.39	cps
Beryllium	9-1	72	88	106	89	19.18	cps
Bismuth	209-1	8857403	9168963	9069188	9031851	1.76	cps
Bismuth	209-2	3960097	4063503	3888505	3970701	2.22	cps
Boron	10-1	64301	66506	68084	66297	2.87	cps
Boron	11-1	276841	285853	297485	286727	3.61	cps
Bromine	81-1	83679	87602	89548	86943	3.44	cps
Cadmium	111-1	1516	1520	1469	1502	1.90	cps
Cadmium	106-1	7135	6960	6935	7010	1.56	cps
Cadmium	108-1	46	38	50	44	14.32	cps
Calcium	43-1	16396310	15935706	15850173	16060730	1.83	cps
Calcium	44-1	267075243	253901284	258969021	259981849	2.56	cps
Carbon	12-1	20253085	21798614	22897742	21649814	6.14	cps
Carbon	12-2	226208	231516	232253	229992	1.43	cps
Chlorine	35-1	7933084	7595812	7230397	7586431	4.63	cps
Chlorine	35-2	44987	42471	40908	42789	4.81	cps
Chromium	52-2	20799	21436	21486	21240	1.81	cps
Cobalt	59-2	8619	8950	8890	8819	1.99	cps
Copper	63-2	10280	10357	10324	10321	0.37	cps
Dysprosium	156-1	67	42	67	58	24.74	cps
Dysprosium	156-2	30	23	3	19	73.49	cps
Erbium	164-1	133	125	158	139	12.49	cps
Erbium	164-2	50	53	40	48	14.52	cps
Gadolinium	160-1	150	125	142	139	9.17	cps
Gadolinium	160-2	117	110	93	107	11.27	cps
Holmium	165-1	16538881	16125646	16396095	16353540	1.28	cps
Holmium	165-2	6002257	6320357	5805276	6042630	4.30	cps
Indium	115-1	14340754	14042527	14095734	14159672	1.12	cps
Indium	115-2	1929234	1902647	1867751	1899878	1.62	cps
Iron	54-2	8731	9325	8814	8957	3.60	cps
Iron	56-2	141659	140559	140518	140912	0.46	cps
Iron	57-2	15764	17227	16298	16430	4.51	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:15:51	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14169	14127	13765	14020	1.58	cps
Lead	206-1	5407	5340	5485	5410	1.34	cps
Lead	207-1	4506	4901	4645	4684	4.27	cps
Lead	208-1	20879	21357	21847	21361	2.26	cps
Lithium	6-1	9032012	8980387	8369185	8793862	4.19	cps
Magnesium	24-2	43795060	44352803	44233828	44127230	0.67	cps
Manganese	55-2	360321	364382	364725	363143	0.67	cps
Molybdenum	94-1	12039	12056	11363	11819	3.34	cps
Molybdenum	95-1	19064	20466	19740	19756	3.55	cps
Molybdenum	96-1	21133	21108	20966	21069	0.43	cps
Molybdenum	97-1	11789	11880	12056	11908	1.14	cps
Molybdenum	98-1	31228	31311	31545	31361	0.52	cps
Neodymium	150-1	27	47	67	47	42.85	cps
Neodymium	150-2	33	10	10	18	75.77	cps
Nickel	60-2	15185	15402	14981	15189	1.38	cps
Phosphorus	31-2	150	192	158	167	13.23	cps
Potassium	39-2	1164095	1150858	1158998	1157984	0.58	cps
Rhodium	103-1	12998428	12900150	12918617	12939065	0.40	cps
Rhodium	103-2	4953486	5004770	4867075	4941777	1.41	cps
Scandium	45-1	11460520	11544967	11490302	11498596	0.37	cps
Scandium	45-2	279994	288634	286843	285157	1.60	cps
Selenium	82-1	243	284	248	258	8.72	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	111	113	117	114	2.69	cps
Silicon	28-1	62344195	60991876	60733064	61356378	1.41	cps
Silver	107-1	417	392	408	406	3.14	cps
Silver	109-1	267	233	258	253	6.86	cps
Sodium	23-2	6693552	6907751	6938741	6846681	1.95	cps
Strontium	86-1	49496629	50307695	49104754	49636359	1.24	cps
Strontium	88-1	431402610	432468510	417156434	427009185	2.00	cps
Sulfur	34-1	30863603	31123749	29841337	30609563	2.21	cps
Terbium	159-1	16884355	16758769	17007873	16883666	0.74	cps
Terbium	159-2	5932462	5936604	5853354	5907474	0.79	cps
Thallium	203-1	567	508	583	553	7.12	cps
Thallium	205-1	1300	1250	1242	1264	2.50	cps
Tin	118-1	6210	6060	5968	6079	2.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:15:51	DataFile Name :	125AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1867	1742	1792	1800	3.50	cps
Uranium	238-1	18097	18205	18430	18244	0.93	cps
Vanadium	51-2	267	263	293	274	5.99	cps
Ytterbium	172-1	150	142	92	128	24.69	cps
Ytterbium	172-2	56	39	50	48	17.63	cps
Ytterbium	176-1	2117	2442	2300	2286	7.13	cps
Ytterbium	176-2	6485	7263	6813	6854	5.70	cps
Yttrium	89-1	24377455	23972957	23599297	23983236	1.62	cps
Yttrium	89-2	2280885	2290704	2279570	2283720	0.27	cps
Zinc	66-2	5675	5448	5368	5497	2.90	cps
Zirconium	90-1	1500	1767	1742	1670	8.82	cps
Zirconium	91-1	358	275	325	319	13.13	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 19:18:46	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154	181	194	176	11.61	cps
Antimony	121-1	408	500	500	469	11.27	cps
Arsenic	75-2	1073	1000	985	1019	4.62	cps
Barium	135-1	11931	11580	11889	11800	1.62	cps
Barium	137-1	20307	20257	21134	20566	2.39	cps
Beryllium	9-1	74	88	82	81	8.63	cps
Bismuth	209-1	9504290	9305013	9416496	9408600	1.06	cps
Bismuth	209-2	4024316	4030289	4155022	4069876	1.81	cps
Boron	10-1	24444	24882	24616	24647	0.90	cps
Boron	11-1	108082	106545	106926	107184	0.75	cps
Bromine	81-1	76790	82161	76149	78367	4.21	cps
Cadmium	111-1	1383	1447	1470	1433	3.12	cps
Cadmium	106-1	6427	7035	7219	6894	6.01	cps
Cadmium	108-1	21	50	58	43	45.74	cps
Calcium	43-1	3122652	3211018	3254580	3196083	2.10	cps
Calcium	44-1	50969564	50708459	50575701	50751241	0.39	cps
Carbon	12-1	12358824	12861441	12342003	12520756	2.36	cps
Carbon	12-2	120232	118174	118192	118866	1.00	cps
Chlorine	35-1	5425745	5416971	5300720	5381145	1.30	cps
Chlorine	35-2	32587	31710	31443	31914	1.88	cps
Chromium	52-2	1463	1437	1397	1432	2.34	cps
Cobalt	59-2	1873	1800	1717	1797	4.36	cps
Copper	63-2	3400	3200	3157	3253	3.99	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	108	92	117	106	12.06	cps
Erbium	164-2	63	40	37	47	31.13	cps
Gadolinium	160-1	83	117	67	89	28.64	cps
Gadolinium	160-2	60	93	83	79	21.68	cps
Holmium	165-1	15749980	16572578	16231333	16184630	2.55	cps
Holmium	165-2	5884722	5932508	5824467	5880566	0.92	cps
Indium	115-1	14542211	14926313	14622084	14696869	1.38	cps
Indium	115-2	1926529	1980753	1972471	1959918	1.49	cps
Iron	54-2	2639	2600	2528	2589	2.18	cps
Iron	56-2	39912	40669	37098	39226	4.80	cps
Iron	57-2	3378	3734	3840	3651	6.62	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 19:18:46	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12700	12932	12962	12865	1.11	cps
Lead	206-1	1300	1372	1433	1369	4.88	cps
Lead	207-1	1372	1245	1133	1250	9.56	cps
Lead	208-1	5523	5384	5623	5510	2.18	cps
Lithium	6-1	9176036	9010154	8566680	8917623	3.53	cps
Magnesium	24-2	8813354	8518787	8410996	8581046	2.43	cps
Manganese	55-2	62269	62560	62319	62383	0.25	cps
Molybdenum	94-1	9921	10129	10221	10090	1.52	cps
Molybdenum	95-1	16652	15743	16419	16271	2.90	cps
Molybdenum	96-1	17244	17486	18054	17595	2.36	cps
Molybdenum	97-1	10371	9896	10413	10226	2.81	cps
Molybdenum	98-1	25958	26559	26626	26381	1.39	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1673	1703	1673	1683	1.03	cps
Phosphorus	31-2	117	142	133	131	9.75	cps
Potassium	39-2	234401	236445	228886	233244	1.68	cps
Rhodium	103-1	13771478	13382249	13560732	13571486	1.44	cps
Rhodium	103-2	4964128	5036485	5140084	5046899	1.75	cps
Scandium	45-1	11509446	11745734	11728527	11661236	1.13	cps
Scandium	45-2	291098	286552	287962	288538	0.81	cps
Selenium	82-1	-109	3	46	-20	-399.46	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	110	103	102	105	4.15	cps
Silicon	28-1	12472403	12558492	12171325	12400740	1.64	cps
Silver	107-1	283	383	358	342	15.23	cps
Silver	109-1	292	275	267	278	4.58	cps
Sodium	23-2	1451406	1358114	1375347	1394956	3.56	cps
Strontium	86-1	9666458	9714234	9428968	9603220	1.59	cps
Strontium	88-1	84352135	85843929	83340362	84512142	1.49	cps
Sulfur	34-1	6187410	6446814	6449870	6361365	2.37	cps
Terbium	159-1	16741997	16907456	16670011	16773154	0.73	cps
Terbium	159-2	5771035	5860836	5771546	5801139	0.89	cps
Thallium	203-1	550	417	475	481	13.91	cps
Thallium	205-1	1008	983	967	986	2.13	cps
Tin	118-1	2175	2109	2025	2103	3.57	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 19:18:46	DataFile Name :	126AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	742	725	708	725	2.30	cps
Uranium	238-1	3601	3301	3634	3512	5.23	cps
Vanadium	51-2	33	37	47	39	17.85	cps
Ytterbium	172-1	100	92	167	119	34.42	cps
Ytterbium	172-2	44	28	50	41	28.38	cps
Ytterbium	176-1	2309	2075	2209	2197	5.33	cps
Ytterbium	176-2	6830	7369	7402	7200	4.46	cps
Yttrium	89-1	23906461	23954504	23775083	23878683	0.39	cps
Yttrium	89-2	2233493	2274376	2255200	2254356	0.91	cps
Zinc	66-2	663	630	750	681	9.09	cps
Zirconium	90-1	1183	1317	1067	1189	10.52	cps
Zirconium	91-1	150	242	208	200	23.20	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:21:42	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182829	179358	179707	180631	1.06	cps
Antimony	121-1	1031140	1026703	1018988	1025611	0.60	cps
Arsenic	75-2	17540	17244	17363	17382	0.86	cps
Barium	135-1	5786673	5606730	5603481	5665628	1.85	cps
Barium	137-1	9582047	9352130	9443061	9459079	1.22	cps
Beryllium	9-1	236502	232815	239439	236252	1.40	cps
Bismuth	209-1	8771914	9012020	8992925	8925620	1.50	cps
Bismuth	209-2	4071584	3886120	3975748	3977817	2.33	cps
Boron	10-1	61409	62501	63672	62527	1.81	cps
Boron	11-1	260544	271239	278283	270022	3.31	cps
Bromine	81-1	102390	111978	118847	111072	7.44	cps
Cadmium	111-1	156456	152016	152921	153798	1.53	cps
Cadmium	106-1	21868	22936	21451	22085	3.47	cps
Cadmium	108-1	10283	11167	10817	10756	4.14	cps
Calcium	43-1	16204953	16131042	15882283	16072760	1.05	cps
Calcium	44-1	255958898	254252221	257762927	255991349	0.69	cps
Carbon	12-1	19108771	21087605	22166299	20787558	7.46	cps
Carbon	12-2	221927	233023	230720	228557	2.56	cps
Chlorine	35-1	11071959	12515686	13649911	12412519	10.41	cps
Chlorine	35-2	95389	96907	101514	97937	3.26	cps
Chromium	52-2	586795	578825	579037	581552	0.78	cps
Cobalt	59-2	2679113	2664445	2704965	2682841	0.76	cps
Copper	63-2	961544	966776	963241	963854	0.28	cps
Dysprosium	156-1	42	108	92	81	43.07	cps
Dysprosium	156-2	17	40	23	27	45.07	cps
Erbium	164-1	150	83	183	139	36.66	cps
Erbium	164-2	47	37	47	43	13.32	cps
Gadolinium	160-1	83	150	200	144	40.52	cps
Gadolinium	160-2	137	127	123	129	5.38	cps
Holmium	165-1	15540777	16674720	16654352	16289950	3.98	cps
Holmium	165-2	5834849	5903397	6040216	5926154	1.76	cps
Indium	115-1	14485097	14251825	14077455	14271459	1.43	cps
Indium	115-2	1886615	1904637	1932867	1908040	1.22	cps
Iron	54-2	154502	153974	155229	154568	0.41	cps
Iron	56-2	2560889	2588022	2538182	2562364	0.97	cps
Iron	57-2	73807	74741	73908	74152	0.69	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:21:42	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12410	12773	13413	12866	3.95	cps
Lead	206-1	157179	155981	163034	158731	2.38	cps
Lead	207-1	143198	147235	142504	144312	1.77	cps
Lead	208-1	638751	648823	641742	643105	0.80	cps
Lithium	6-1	9012231	8964216	9361720	9112722	2.38	cps
Magnesium	24-2	44944259	44803183	42260083	44002509	3.43	cps
Manganese	55-2	1095008	1103403	1099772	1099395	0.38	cps
Molybdenum	94-1	198185	194870	201295	198117	1.62	cps
Molybdenum	95-1	341696	345879	348094	345223	0.94	cps
Molybdenum	96-1	366254	367039	368153	367149	0.26	cps
Molybdenum	97-1	214936	211150	210312	212133	1.16	cps
Molybdenum	98-1	558479	532667	544030	545059	2.37	cps
Neodymium	150-1	360	327	407	364	11.03	cps
Neodymium	150-2	7	23	27	19	56.72	cps
Nickel	60-2	704307	694941	708549	702599	0.99	cps
Phosphorus	31-2	158	117	83	119	31.46	cps
Potassium	39-2	1147629	1140100	1121786	1136505	1.17	cps
Rhodium	103-1	13498499	13009861	12715026	13074462	3.03	cps
Rhodium	103-2	5015376	4954362	4824298	4931345	1.98	cps
Scandium	45-1	11741159	12027074	11442191	11736808	2.49	cps
Scandium	45-2	291217	295498	295650	294122	0.86	cps
Selenium	82-1	29023	29192	28333	28849	1.58	cps
Selenium	77-2	700	767	737	734	4.55	cps
Selenium	78-2	2511	2567	2453	2510	2.25	cps
Silicon	28-1	61506683	61829064	58355724	60563824	3.17	cps
Silver	107-1	796271	807963	816300	806844	1.25	cps
Silver	109-1	768382	787544	762741	772889	1.68	cps
Sodium	23-2	7075089	7011504	6602982	6896525	3.71	cps
Strontium	86-1	48714481	49650589	49804614	49389895	1.19	cps
Strontium	88-1	422993584	443964743	425264176	430740835	2.67	cps
Sulfur	34-1	30878595	30938428	30167724	30661582	1.40	cps
Terbium	159-1	16883992	17237502	17089469	17070321	1.04	cps
Terbium	159-2	5991240	6013266	6018230	6007579	0.24	cps
Thallium	203-1	509514	507384	498818	505239	1.12	cps
Thallium	205-1	1182594	1179785	1231740	1198040	2.44	cps
Tin	118-1	3792	3517	3617	3642	3.82	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:21:42	DataFile Name :	127AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1809	1800	1575	1728	7.66	cps
Uranium	238-1	17538	18347	18314	18066	2.54	cps
Vanadium	51-2	1189011	1168032	1162819	1173287	1.18	cps
Ytterbium	172-1	142	58	108	103	40.81	cps
Ytterbium	172-2	44	44	56	48	13.32	cps
Ytterbium	176-1	2492	2100	2259	2284	8.63	cps
Ytterbium	176-2	6835	7219	7708	7254	6.03	cps
Yttrium	89-1	24739585	24968346	23823257	24510396	2.47	cps
Yttrium	89-2	2321818	2255301	2288858	2288659	1.45	cps
Zinc	66-2	233339	237236	231636	234070	1.23	cps
Zirconium	90-1	1517	1442	1408	1456	3.81	cps
Zirconium	91-1	500	458	500	486	4.95	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2066-07 Instrumnet Name : P8
 Client Sample ID : YAZ09 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 19:24:35 DataFile Name : 128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	361	397	417	392	7.27	cps
Antimony	121-1	1000	1067	1050	1039	3.34	cps
Arsenic	75-2	161	169	174	168	3.90	cps
Barium	135-1	31822	31429	32782	32011	2.17	cps
Barium	137-1	54628	54368	56426	55141	2.03	cps
Beryllium	9-1	128	124	112	121	6.86	cps
Bismuth	209-1	8954695	9100733	9105775	9053735	0.95	cps
Bismuth	209-2	3964059	4038055	3870666	3957593	2.12	cps
Boron	10-1	19383	19715	19309	19469	1.11	cps
Boron	11-1	86599	86316	88645	87187	1.46	cps
Bromine	81-1	120049	131781	137091	129640	6.73	cps
Cadmium	111-1	1436	1458	1413	1436	1.57	cps
Cadmium	106-1	6852	6902	6902	6885	0.42	cps
Cadmium	108-1	38	50	67	51	28.48	cps
Calcium	43-1	18632278	18637083	18354287	18541216	0.87	cps
Calcium	44-1	305124947	296444102	302427984	301332344	1.47	cps
Carbon	12-1	17421908	18988196	20324837	18911647	7.68	cps
Carbon	12-2	201667	207672	213178	207506	2.77	cps
Chlorine	35-1	5993710	6080613	5990709	6021677	0.85	cps
Chlorine	35-2	36062	35653	35336	35684	1.02	cps
Chromium	52-2	2894	2820	2907	2874	1.62	cps
Cobalt	59-2	1047	1077	1037	1053	1.98	cps
Copper	63-2	1580	1520	1573	1558	2.11	cps
Dysprosium	156-1	92	58	75	75	22.23	cps
Dysprosium	156-2	37	20	27	28	30.20	cps
Erbium	164-1	142	233	117	164	37.48	cps
Erbium	164-2	110	50	43	68	54.18	cps
Gadolinium	160-1	175	208	183	189	9.18	cps
Gadolinium	160-2	123	97	143	121	19.33	cps
Holmium	165-1	16650210	16421545	16591805	16554520	0.72	cps
Holmium	165-2	5985577	6127919	5884519	5999338	2.04	cps
Indium	115-1	14582327	14844516	14640044	14688962	0.94	cps
Indium	115-2	1910106	1918474	1893050	1907210	0.68	cps
Iron	54-2	1656	1656	1489	1600	6.01	cps
Iron	56-2	21467	22407	21834	21902	2.16	cps
Iron	57-2	15581	16287	16432	16100	2.83	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:24:35	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12423	12524	12689	12545	1.07	cps
Lead	206-1	1900	1572	1822	1765	9.70	cps
Lead	207-1	1411	1495	1372	1426	4.38	cps
Lead	208-1	6495	6412	6790	6566	3.02	cps
Lithium	6-1	9377975	9389212	8903410	9223532	3.01	cps
Magnesium	24-2	39035446	38588469	38781332	38801749	0.58	cps
Manganese	55-2	14928	14571	14304	14601	2.14	cps
Molybdenum	94-1	6418	6535	6593	6516	1.37	cps
Molybdenum	95-1	10855	10521	10388	10588	2.27	cps
Molybdenum	96-1	11255	11438	11939	11544	3.07	cps
Molybdenum	97-1	6385	6243	6627	6418	3.02	cps
Molybdenum	98-1	16085	16552	16452	16363	1.50	cps
Neodymium	150-1	67	73	113	84	29.89	cps
Neodymium	150-2	7	23	30	20	60.08	cps
Nickel	60-2	1770	1887	1910	1856	4.04	cps
Phosphorus	31-2	433	533	583	517	14.78	cps
Potassium	39-2	101558	96892	93536	97328	4.14	cps
Rhodium	103-1	12933491	13198871	12755641	12962668	1.72	cps
Rhodium	103-2	4821183	5052885	4947483	4940517	2.35	cps
Scandium	45-1	11577009	11654775	11695335	11642373	0.52	cps
Scandium	45-2	289051	296889	285417	290452	2.02	cps
Selenium	82-1	842	512	532	628	29.46	cps
Selenium	77-2	17	10	13	13	25.01	cps
Selenium	78-2	146	137	165	149	9.57	cps
Silicon	28-1	162188920	160277966	158849766	160438884	1.04	cps
Silver	107-1	833	867	758	819	6.77	cps
Silver	109-1	967	567	775	769	26.00	cps
Sodium	23-2	12921439	12975419	13130241	13009033	0.83	cps
Strontium	86-1	8762065	8859269	8923319	8848218	0.92	cps
Strontium	88-1	76370929	76922260	77903787	77065659	1.01	cps
Sulfur	34-1	34687421	35628597	36066516	35460845	1.99	cps
Terbium	159-1	17090866	17516452	17127239	17244852	1.37	cps
Terbium	159-2	5924597	5988759	5923593	5945649	0.63	cps
Thallium	203-1	542	542	592	558	5.17	cps
Thallium	205-1	1258	1333	1492	1361	8.75	cps
Tin	118-1	2917	2659	2659	2745	5.44	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:24:35	DataFile Name :	128AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2734	3059	3059	2950	6.36	cps
Uranium	238-1	12757	12039	12256	12351	2.98	cps
Vanadium	51-2	1830	1847	1867	1848	0.99	cps
Ytterbium	172-1	142	50	125	106	46.26	cps
Ytterbium	172-2	28	56	44	43	32.83	cps
Ytterbium	176-1	2325	2100	2300	2242	5.50	cps
Ytterbium	176-2	6496	7263	7191	6983	6.07	cps
Yttrium	89-1	24804830	24767741	24694028	24755533	0.23	cps
Yttrium	89-2	2222622	2340013	2199656	2254097	3.34	cps
Zinc	66-2	837	730	827	798	7.38	cps
Zirconium	90-1	1525	1658	1433	1539	7.35	cps
Zirconium	91-1	217	317	317	283	20.38	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:27:32	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	402	392	417	404	3.11	cps
Antimony	121-1	892	867	792	850	6.12	cps
Arsenic	75-2	169	155	167	164	4.63	cps
Barium	135-1	30644	31103	32423	31390	2.94	cps
Barium	137-1	54218	52938	52009	53055	2.09	cps
Beryllium	9-1	130	100	96	109	17.10	cps
Bismuth	209-1	9128955	9006352	8667878	8934395	2.67	cps
Bismuth	209-2	3825547	3855094	3845514	3842052	0.39	cps
Boron	10-1	16634	16696	16766	16699	0.40	cps
Boron	11-1	73688	73096	74683	73823	1.09	cps
Bromine	81-1	129795	138790	143088	137224	4.94	cps
Cadmium	111-1	1290	1504	1600	1465	10.85	cps
Cadmium	106-1	6310	7119	7569	6999	9.11	cps
Cadmium	108-1	79	46	25	50	54.65	cps
Calcium	43-1	18743299	19398975	19375063	19172446	1.94	cps
Calcium	44-1	301958583	309341680	303117578	304805947	1.30	cps
Carbon	12-1	20095419	21764425	22729509	21529785	6.19	cps
Carbon	12-2	224868	225827	233235	227977	2.01	cps
Chlorine	35-1	4389608	4361427	4313043	4354693	0.89	cps
Chlorine	35-2	27184	25440	24438	25687	5.41	cps
Chromium	52-2	2324	2310	2284	2306	0.88	cps
Cobalt	59-2	1007	847	953	936	8.71	cps
Copper	63-2	1380	1537	1557	1491	6.49	cps
Dysprosium	156-1	83	100	17	67	66.14	cps
Dysprosium	156-2	7	23	13	14	58.06	cps
Erbium	164-1	133	258	142	178	39.31	cps
Erbium	164-2	57	53	43	51	13.58	cps
Gadolinium	160-1	217	142	158	172	22.87	cps
Gadolinium	160-2	137	113	87	112	22.29	cps
Holmium	165-1	16319565	16278940	16215072	16271193	0.32	cps
Holmium	165-2	5856737	5669768	5796760	5774422	1.65	cps
Indium	115-1	14287569	14275969	14498138	14353892	0.87	cps
Indium	115-2	1925992	1894826	1861969	1894262	1.69	cps
Iron	54-2	1778	1583	1728	1696	5.95	cps
Iron	56-2	23531	22818	23241	23197	1.54	cps
Iron	57-2	15614	16187	16337	16046	2.38	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:27:32	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12968	12788	12899	12885	0.71	cps
Lead	206-1	3756	3628	3706	3697	1.74	cps
Lead	207-1	3117	2995	3200	3104	3.33	cps
Lead	208-1	14765	14554	14698	14672	0.74	cps
Lithium	6-1	8381507	9070084	9034903	8828831	4.39	cps
Magnesium	24-2	38716014	40016647	38089188	38940616	2.52	cps
Manganese	55-2	17848	17201	17641	17563	1.88	cps
Molybdenum	94-1	6368	6135	6919	6474	6.22	cps
Molybdenum	95-1	9945	9854	10938	10246	5.87	cps
Molybdenum	96-1	11463	11347	11438	11416	0.54	cps
Molybdenum	97-1	6652	6735	7127	6838	3.71	cps
Molybdenum	98-1	16719	18196	16360	17092	5.69	cps
Neodymium	150-1	40	53	80	58	35.25	cps
Neodymium	150-2	3	23	10	12	83.33	cps
Nickel	60-2	1960	1700	1740	1800	7.78	cps
Phosphorus	31-2	525	508	592	542	8.14	cps
Potassium	39-2	99896	97614	102657	100055	2.52	cps
Rhodium	103-1	12578460	13220420	13157314	12985398	2.72	cps
Rhodium	103-2	4861597	4896375	4865622	4874531	0.39	cps
Scandium	45-1	11780778	11966949	11648024	11798584	1.36	cps
Scandium	45-2	291028	285497	285736	287420	1.09	cps
Selenium	82-1	703	767	599	690	12.27	cps
Selenium	77-2	10	3	17	10	66.70	cps
Selenium	78-2	123	166	135	141	15.70	cps
Silicon	28-1	161689854	162754337	165571379	163338523	1.23	cps
Silver	107-1	450	450	408	436	5.52	cps
Silver	109-1	383	458	317	386	18.36	cps
Sodium	23-2	12802445	13255926	13017524	13025298	1.74	cps
Strontium	86-1	8909400	8840656	8894075	8881377	0.41	cps
Strontium	88-1	75212427	76594566	77645523	76484172	1.60	cps
Sulfur	34-1	35938054	35882661	36020874	35947196	0.19	cps
Terbium	159-1	16683139	16986078	17081182	16916800	1.23	cps
Terbium	159-2	5855161	5914524	5828500	5866061	0.75	cps
Thallium	203-1	533	567	425	508	14.57	cps
Thallium	205-1	1292	1142	1250	1228	6.31	cps
Tin	118-1	3017	2925	2834	2925	3.13	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:27:32	DataFile Name :	129AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3134	3284	2792	3070	8.21	cps
Uranium	238-1	12298	12156	12757	12404	2.53	cps
Vanadium	51-2	1770	1727	1757	1751	1.27	cps
Ytterbium	172-1	100	142	75	106	31.91	cps
Ytterbium	172-2	11	39	61	37	67.64	cps
Ytterbium	176-1	2234	2317	2300	2284	1.93	cps
Ytterbium	176-2	6557	6807	6963	6776	3.02	cps
Yttrium	89-1	23615481	24447025	25225858	24429455	3.30	cps
Yttrium	89-2	2258196	2206226	2194490	2219637	1.53	cps
Zinc	66-2	910	927	833	890	5.59	cps
Zirconium	90-1	1392	1542	1383	1439	6.19	cps
Zirconium	91-1	208	242	342	264	26.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:30:26	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775	799	821	798	2.90	cps
Antimony	121-1	3642	3284	3884	3603	8.38	cps
Arsenic	75-2	3684	3869	3814	3789	2.51	cps
Barium	135-1	83844	86034	85185	85021	1.30	cps
Barium	137-1	149415	146316	146776	147502	1.13	cps
Beryllium	9-1	92	94	50	79	31.58	cps
Bismuth	209-1	9074680	9268562	9251090	9198111	1.17	cps
Bismuth	209-2	4022266	3970563	4058949	4017260	1.11	cps
Boron	10-1	60333	66845	66846	64675	5.81	cps
Boron	11-1	277007	291620	289940	286189	2.79	cps
Bromine	81-1	94834	99639	96031	96835	2.58	cps
Cadmium	111-1	1596	1678	1557	1610	3.85	cps
Cadmium	106-1	6777	7044	6819	6880	2.09	cps
Cadmium	108-1	38	38	33	36	6.67	cps
Calcium	43-1	16911426	16752737	17318077	16994080	1.72	cps
Calcium	44-1	268725386	262472788	266746004	265981392	1.20	cps
Carbon	12-1	19152687	20732397	21989290	20624791	6.89	cps
Carbon	12-2	219500	227753	230795	226016	2.59	cps
Chlorine	35-1	3481227	3463077	3375199	3439834	1.65	cps
Chlorine	35-2	20941	20899	21859	21233	2.55	cps
Chromium	52-2	9703	10017	9897	9872	1.60	cps
Cobalt	59-2	23877	24251	23136	23754	2.39	cps
Copper	63-2	4978	5521	5071	5190	5.60	cps
Dysprosium	156-1	117	58	92	89	32.93	cps
Dysprosium	156-2	17	7	33	19	71.30	cps
Erbium	164-1	133	258	158	183	36.08	cps
Erbium	164-2	30	70	73	58	41.73	cps
Gadolinium	160-1	167	133	192	164	17.86	cps
Gadolinium	160-2	137	140	83	120	26.50	cps
Holmium	165-1	16113147	16837238	16535444	16495276	2.20	cps
Holmium	165-2	6003199	6163440	6156476	6107705	1.48	cps
Indium	115-1	14640526	15130285	14733791	14834867	1.75	cps
Indium	115-2	2008116	2026232	2012496	2015615	0.47	cps
Iron	54-2	29536	30466	29152	29718	2.27	cps
Iron	56-2	525502	535634	538680	533272	1.29	cps
Iron	57-2	27449	28200	28612	28087	2.10	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:30:26	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13113	13615	13358	13362	1.88	cps
Lead	206-1	2106	1906	1822	1945	7.49	cps
Lead	207-1	1450	1695	1389	1511	10.70	cps
Lead	208-1	7562	7401	7106	7357	3.14	cps
Lithium	6-1	8706749	8479373	9050198	8745440	3.29	cps
Magnesium	24-2	56795747	55923468	54824041	55847752	1.77	cps
Manganese	55-2	283990	290258	288764	287671	1.14	cps
Molybdenum	94-1	13791	14483	14107	14127	2.45	cps
Molybdenum	95-1	23704	23971	22811	23495	2.59	cps
Molybdenum	96-1	25015	25582	25082	25226	1.23	cps
Molybdenum	97-1	14800	14541	14500	14614	1.11	cps
Molybdenum	98-1	36942	38713	37702	37786	2.35	cps
Neodymium	150-1	53	53	67	58	13.33	cps
Neodymium	150-2	17	7	20	14	48.02	cps
Nickel	60-2	12642	12532	12679	12618	0.61	cps
Phosphorus	31-2	233	142	192	189	24.30	cps
Potassium	39-2	1191447	1216601	1164497	1190848	2.19	cps
Rhodium	103-1	13145778	13393648	13427383	13322270	1.15	cps
Rhodium	103-2	5273613	5130107	5256110	5219943	1.50	cps
Scandium	45-1	11713412	11963552	12004253	11893739	1.32	cps
Scandium	45-2	309281	308738	313212	310410	0.79	cps
Selenium	82-1	322	307	464	364	23.90	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	136	139	105	127	14.86	cps
Silicon	28-1	53249616	54604578	54756541	54203578	1.53	cps
Silver	107-1	500	433	483	472	7.35	cps
Silver	109-1	267	367	242	292	22.68	cps
Sodium	23-2	8292346	8385056	8376842	8351415	0.61	cps
Strontium	86-1	52237188	52341770	52286044	52288334	0.10	cps
Strontium	88-1	446751610	450625593	451561610	449646271	0.57	cps
Sulfur	34-1	35700752	35481420	36038465	35740212	0.79	cps
Terbium	159-1	17253042	17871014	18018957	17714338	2.29	cps
Terbium	159-2	6126645	6172814	6174638	6158032	0.44	cps
Thallium	203-1	458	558	367	461	20.79	cps
Thallium	205-1	1133	942	1258	1111	14.36	cps
Tin	118-1	2775	3042	3017	2945	5.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:30:26	DataFile Name :	130AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1708	1717	1967	1797	8.17	cps
Uranium	238-1	32158	31958	32393	32170	0.68	cps
Vanadium	51-2	457	397	390	414	8.86	cps
Ytterbium	172-1	192	117	133	147	26.75	cps
Ytterbium	172-2	67	44	33	48	35.25	cps
Ytterbium	176-1	2192	2234	2392	2272	4.64	cps
Ytterbium	176-2	6996	7297	7402	7232	2.91	cps
Yttrium	89-1	25128869	25194789	24580033	24967897	1.35	cps
Yttrium	89-2	2492776	2348269	2417868	2419638	2.99	cps
Zinc	66-2	3527	3260	3337	3375	4.07	cps
Zirconium	90-1	1875	1717	1800	1797	4.41	cps
Zirconium	91-1	408	400	375	394	4.40	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:33:23	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	429	447	464	447	3.92	cps
Antimony	121-1	1083	908	808	933	14.91	cps
Arsenic	75-2	4455	4453	4469	4459	0.20	cps
Barium	135-1	92483	89118	91032	90878	1.86	cps
Barium	137-1	158940	155502	158001	157481	1.13	cps
Beryllium	9-1	72	58	68	66	10.93	cps
Bismuth	209-1	9146057	8602521	8913241	8887273	3.07	cps
Bismuth	209-2	3884306	3941686	3991773	3939255	1.37	cps
Boron	10-1	66726	68930	70643	68766	2.86	cps
Boron	11-1	291106	311343	309932	304127	3.72	cps
Bromine	81-1	113447	122844	125764	120685	5.33	cps
Cadmium	111-1	1522	1478	1546	1515	2.29	cps
Cadmium	106-1	7352	7194	7402	7316	1.49	cps
Cadmium	108-1	46	46	38	43	11.17	cps
Calcium	43-1	20126453	20059315	18867196	19684321	3.60	cps
Calcium	44-1	317906609	317088781	307128246	314041212	1.91	cps
Carbon	12-1	20484407	22396508	24205767	22362227	8.32	cps
Carbon	12-2	235366	240434	236395	237398	1.13	cps
Chlorine	35-1	2959888	2973382	2875396	2936222	1.81	cps
Chlorine	35-2	17911	19222	18170	18434	3.76	cps
Chromium	52-2	6505	6732	6945	6727	3.27	cps
Cobalt	59-2	16309	16166	16290	16255	0.48	cps
Copper	63-2	4354	4704	4401	4486	4.24	cps
Dysprosium	156-1	92	67	58	72	24.02	cps
Dysprosium	156-2	20	20	7	16	49.47	cps
Erbium	164-1	142	133	183	153	17.53	cps
Erbium	164-2	47	50	43	47	7.15	cps
Gadolinium	160-1	167	92	150	136	28.93	cps
Gadolinium	160-2	123	113	117	118	4.32	cps
Holmium	165-1	16974091	16051396	16419917	16481801	2.82	cps
Holmium	165-2	6115229	5838598	6187306	6047044	3.04	cps
Indium	115-1	15022397	14506075	14236151	14588208	2.74	cps
Indium	115-2	1965607	1962474	1993358	1973813	0.86	cps
Iron	54-2	7802	7508	7791	7700	2.17	cps
Iron	56-2	132451	131132	132383	131989	0.56	cps
Iron	57-2	18857	20081	20115	19684	3.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:33:23	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12908	12872	13337	13039	1.99	cps
Lead	206-1	2695	2445	2673	2604	5.31	cps
Lead	207-1	2250	2095	2284	2209	4.56	cps
Lead	208-1	10041	9724	10135	9966	2.16	cps
Lithium	6-1	8857054	9254120	8637429	8916201	3.51	cps
Magnesium	24-2	51964320	49801334	54540026	52101894	4.55	cps
Manganese	55-2	2698554	2771371	2833349	2767758	2.44	cps
Molybdenum	94-1	2917	2742	3117	2925	6.42	cps
Molybdenum	95-1	4226	4376	4684	4429	5.28	cps
Molybdenum	96-1	4926	4584	4651	4720	3.84	cps
Molybdenum	97-1	2609	2475	2492	2525	2.88	cps
Molybdenum	98-1	6343	6085	6268	6232	2.13	cps
Neodymium	150-1	27	27	27	27	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	8920	8656	8853	8809	1.56	cps
Phosphorus	31-2	158	167	142	156	8.18	cps
Potassium	39-2	1019109	1025683	1028243	1024345	0.46	cps
Rhodium	103-1	13271151	13081354	13014962	13122489	1.01	cps
Rhodium	103-2	5053532	5026753	5145702	5075329	1.23	cps
Scandium	45-1	12012000	12450094	12001881	12154658	2.11	cps
Scandium	45-2	302613	302298	309395	304769	1.32	cps
Selenium	82-1	-204	628	547	324	141.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	119	94	104	106	11.91	cps
Silicon	28-1	93943017	90759844	95651588	93451483	2.66	cps
Silver	107-1	375	367	367	369	1.30	cps
Silver	109-1	275	175	258	236	22.69	cps
Sodium	23-2	10849835	10386678	11033364	10756626	3.10	cps
Strontium	86-1	49951509	51088075	51681998	50907194	1.73	cps
Strontium	88-1	440609510	452802393	456662560	450024821	1.86	cps
Sulfur	34-1	37465802	37445990	35795308	36902367	2.60	cps
Terbium	159-1	17674441	17292625	17074999	17347355	1.75	cps
Terbium	159-2	5962298	6130714	5950710	6014574	1.68	cps
Thallium	203-1	517	383	450	450	14.81	cps
Thallium	205-1	1200	1075	1133	1136	5.51	cps
Tin	118-1	3684	3050	3484	3406	9.51	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:33:23	DataFile Name :	131AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2159	2225	1875	2086	8.91	cps
Uranium	238-1	15259	14901	15777	15312	2.88	cps
Vanadium	51-2	103	107	147	119	20.28	cps
Ytterbium	172-1	125	108	108	114	8.45	cps
Ytterbium	172-2	28	11	39	26	53.93	cps
Ytterbium	176-1	2342	2359	2259	2320	2.31	cps
Ytterbium	176-2	6302	7319	7280	6967	8.27	cps
Yttrium	89-1	25112406	25001110	25028280	25047265	0.23	cps
Yttrium	89-2	2348269	2349018	2388920	2362069	0.98	cps
Zinc	66-2	1107	890	1040	1012	10.96	cps
Zirconium	90-1	1792	1567	1792	1717	7.57	cps
Zirconium	91-1	317	450	442	403	18.54	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:36:18	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	412	441	459	437	5.34	cps
Antimony	121-1	917	850	867	878	3.95	cps
Arsenic	75-2	4641	4628	4610	4627	0.34	cps
Barium	135-1	90009	90378	91752	90713	1.01	cps
Barium	137-1	153955	161761	160989	158902	2.71	cps
Beryllium	9-1	72	48	58	59	20.32	cps
Bismuth	209-1	9225193	8922759	9369217	9172390	2.48	cps
Bismuth	209-2	4065375	4074639	3927691	4022569	2.05	cps
Boron	10-1	64719	66314	69125	66719	3.34	cps
Boron	11-1	297278	298993	318615	304962	3.89	cps
Bromine	81-1	106813	118725	121822	115787	6.84	cps
Cadmium	111-1	1362	1458	1389	1403	3.53	cps
Cadmium	106-1	6685	7210	6835	6910	3.92	cps
Cadmium	108-1	29	54	17	33	57.28	cps
Calcium	43-1	19639577	20485199	20348228	20157668	2.25	cps
Calcium	44-1	305749548	324583834	316230949	315521444	2.99	cps
Carbon	12-1	21096772	23091720	24335517	22841336	7.15	cps
Carbon	12-2	232332	238432	246571	239111	2.99	cps
Chlorine	35-1	2698538	2718497	2698833	2705289	0.42	cps
Chlorine	35-2	16785	16560	16135	16493	2.00	cps
Chromium	52-2	3871	3821	3647	3779	3.10	cps
Cobalt	59-2	16363	16346	16336	16348	0.08	cps
Copper	63-2	3654	3644	3567	3622	1.31	cps
Dysprosium	156-1	42	67	67	58	24.74	cps
Dysprosium	156-2	10	27	20	19	44.42	cps
Erbium	164-1	133	100	133	122	15.75	cps
Erbium	164-2	43	27	27	32	29.85	cps
Gadolinium	160-1	100	117	100	106	9.12	cps
Gadolinium	160-2	120	140	103	121	15.16	cps
Holmium	165-1	17622032	17028752	17038809	17229864	1.97	cps
Holmium	165-2	6025716	6238933	6154629	6139759	1.75	cps
Indium	115-1	15172627	14426003	15189540	14929390	2.92	cps
Indium	115-2	2027392	2008601	2003806	2013266	0.62	cps
Iron	54-2	6635	6830	6918	6794	2.13	cps
Iron	56-2	116546	118703	116024	117091	1.21	cps
Iron	57-2	18696	20732	20198	19875	5.31	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:36:18	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13893	13392	13477	13587	1.97	cps
Lead	206-1	2222	1889	2278	2130	9.88	cps
Lead	207-1	1756	1861	1711	1776	4.34	cps
Lead	208-1	8246	7884	8307	8146	2.80	cps
Lithium	6-1	8927563	8750121	8430764	8702816	2.89	cps
Magnesium	24-2	53293921	51860202	52318091	52490738	1.40	cps
Manganese	55-2	2772761	2849922	2805164	2809283	1.38	cps
Molybdenum	94-1	2750	2617	3025	2798	7.45	cps
Molybdenum	95-1	4576	4276	3917	4256	7.75	cps
Molybdenum	96-1	4609	4501	4384	4498	2.50	cps
Molybdenum	97-1	2542	2600	2300	2481	6.41	cps
Molybdenum	98-1	6235	6227	6377	6279	1.34	cps
Neodymium	150-1	53	47	73	58	24.02	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	9330	9640	9323	9431	1.92	cps
Phosphorus	31-2	175	83	92	117	43.45	cps
Potassium	39-2	1042626	1058323	1025108	1042019	1.59	cps
Rhodium	103-1	13735227	13592738	13354213	13560726	1.42	cps
Rhodium	103-2	5215643	5205194	5058608	5159815	1.70	cps
Scandium	45-1	12358124	12123520	11945153	12142266	1.71	cps
Scandium	45-2	305979	315824	313037	311613	1.63	cps
Selenium	82-1	289	554	342	395	35.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	88	118	102	14.80	cps
Silicon	28-1	94565302	95910344	93602775	94692807	1.22	cps
Silver	107-1	392	558	342	431	26.35	cps
Silver	109-1	167	200	292	219	29.50	cps
Sodium	23-2	10679310	10888505	10865526	10811114	1.06	cps
Strontium	86-1	51714219	52006730	51685890	51802280	0.34	cps
Strontium	88-1	461405560	443132143	449690827	451409510	2.05	cps
Sulfur	34-1	37365236	36971349	37223357	37186647	0.54	cps
Terbium	159-1	17462636	17624558	17502654	17529949	0.48	cps
Terbium	159-2	6248107	6297415	6185716	6243746	0.90	cps
Thallium	203-1	458	408	542	469	14.35	cps
Thallium	205-1	1108	1133	900	1047	12.23	cps
Tin	118-1	2967	3209	3109	3095	3.92	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:36:18	DataFile Name :	132AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2084	1925	1934	1981	4.50	cps
Uranium	238-1	14934	15802	15777	15504	3.19	cps
Vanadium	51-2	113	117	107	112	4.54	cps
Ytterbium	172-1	158	83	83	108	39.97	cps
Ytterbium	172-2	56	39	72	56	30.00	cps
Ytterbium	176-1	2542	2259	2284	2361	6.64	cps
Ytterbium	176-2	6819	7063	7258	7046	3.12	cps
Yttrium	89-1	25741965	25763412	24893611	25466330	1.95	cps
Yttrium	89-2	2364549	2440207	2395695	2400150	1.58	cps
Zinc	66-2	1060	953	1090	1034	6.94	cps
Zirconium	90-1	1767	1633	1550	1650	6.62	cps
Zirconium	91-1	358	375	525	419	21.88	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:39:15	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	495	510	546	517	5.10	cps
Antimony	121-1	1800	1675	1875	1784	5.67	cps
Arsenic	75-2	5925	5983	5910	5939	0.65	cps
Barium	135-1	65334	64179	65736	65083	1.24	cps
Barium	137-1	113711	110500	111756	111989	1.44	cps
Beryllium	9-1	62	80	68	70	13.09	cps
Bismuth	209-1	9189485	9508668	9350806	9349653	1.71	cps
Bismuth	209-2	3948901	4125790	4152578	4075756	2.72	cps
Boron	10-1	62956	64632	66572	64720	2.80	cps
Boron	11-1	280916	290325	293015	288085	2.21	cps
Bromine	81-1	102348	100209	97945	100167	2.20	cps
Cadmium	111-1	1660	1567	1627	1618	2.92	cps
Cadmium	106-1	7694	7494	7677	7622	1.46	cps
Cadmium	108-1	29	46	54	43	29.56	cps
Calcium	43-1	17462800	16931022	17296206	17230009	1.58	cps
Calcium	44-1	277343410	273047866	286106334	278832537	2.39	cps
Carbon	12-1	20867003	23203868	24574901	22881924	8.19	cps
Carbon	12-2	242651	242616	239450	241572	0.76	cps
Chlorine	35-1	2430980	2360394	2414703	2402026	1.54	cps
Chlorine	35-2	14624	15008	15000	14877	1.47	cps
Chromium	52-2	1717	1783	1767	1756	1.98	cps
Cobalt	59-2	9623	9540	9216	9460	2.27	cps
Copper	63-2	8893	8386	8903	8727	3.39	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-1	158	183	183	175	8.25	cps
Erbium	164-2	47	47	57	50	11.55	cps
Gadolinium	160-1	92	142	117	117	21.43	cps
Gadolinium	160-2	80	113	120	104	20.52	cps
Holmium	165-1	17672624	17463077	17478832	17538178	0.67	cps
Holmium	165-2	6012933	5966717	6289398	6089683	2.87	cps
Indium	115-1	15253404	14975504	15663378	15297428	2.26	cps
Indium	115-2	1977469	2012566	2068530	2019521	2.27	cps
Iron	54-2	3851	3973	4067	3964	2.74	cps
Iron	56-2	62732	63045	63218	62998	0.39	cps
Iron	57-2	14947	15976	17261	16061	7.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:39:15	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13597	13556	13464	13539	0.51	cps
Lead	206-1	1834	1717	1700	1750	4.15	cps
Lead	207-1	1550	1417	1472	1480	4.53	cps
Lead	208-1	6912	6767	6906	6862	1.19	cps
Lithium	6-1	9265617	9504481	8672882	9147660	4.68	cps
Magnesium	24-2	45977836	45672500	47161251	46270529	1.70	cps
Manganese	55-2	425390	422635	424397	424141	0.33	cps
Molybdenum	94-1	12473	12147	12456	12359	1.48	cps
Molybdenum	95-1	20148	21108	21041	20766	2.58	cps
Molybdenum	96-1	22402	22535	21718	22218	1.98	cps
Molybdenum	97-1	12748	12531	12039	12439	2.92	cps
Molybdenum	98-1	32931	33525	33099	33185	0.92	cps
Neodymium	150-1	33	33	20	29	26.64	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	9223	8739	8956	8973	2.70	cps
Phosphorus	31-2	158	100	233	164	40.78	cps
Potassium	39-2	1184701	1292757	1183478	1220312	5.14	cps
Rhodium	103-1	14087109	13783716	13902875	13924567	1.10	cps
Rhodium	103-2	5233654	5239045	5361862	5278187	1.37	cps
Scandium	45-1	12958445	12422487	12384748	12588560	2.55	cps
Scandium	45-2	319368	307285	316982	314545	2.03	cps
Selenium	82-1	274	475	179	309	48.93	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	128	111	127	122	7.82	cps
Silicon	28-1	63420512	65742224	65489099	64883945	1.96	cps
Silver	107-1	467	533	375	458	17.35	cps
Silver	109-1	233	192	200	208	10.58	cps
Sodium	23-2	7248514	7182088	7564564	7331722	2.79	cps
Strontium	86-1	53280507	52572488	54629395	53494130	1.95	cps
Strontium	88-1	467848410	463384027	464989927	465407455	0.49	cps
Sulfur	34-1	33167199	32210052	33742325	33039858	2.34	cps
Terbium	159-1	18470438	17958105	18278378	18235640	1.42	cps
Terbium	159-2	6232085	6386358	6205460	6274634	1.56	cps
Thallium	203-1	508	450	408	456	11.03	cps
Thallium	205-1	1150	1158	1200	1170	2.29	cps
Tin	118-1	2742	3025	2684	2817	6.49	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:39:15	DataFile Name :	133AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1884	1809	1767	1820	3.25	cps
Uranium	238-1	19816	18172	18856	18948	4.36	cps
Vanadium	51-2	167	150	140	152	8.85	cps
Ytterbium	172-1	125	92	142	119	21.31	cps
Ytterbium	172-2	17	50	78	48	63.55	cps
Ytterbium	176-1	2425	2425	2184	2345	5.95	cps
Ytterbium	176-2	6691	6996	7397	7028	5.04	cps
Yttrium	89-1	26246823	26122450	26406374	26258549	0.54	cps
Yttrium	89-2	2461465	2412691	2475411	2449855	1.34	cps
Zinc	66-2	1767	1787	1910	1821	4.26	cps
Zirconium	90-1	1467	1525	1475	1489	2.12	cps
Zirconium	91-1	258	283	317	286	10.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:42:10	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1656	1640	1625	1640	0.95	cps
Antimony	121-1	483	458	442	461	4.55	cps
Arsenic	75-2	3129	3087	3070	3095	0.98	cps
Barium	135-1	36324	37244	37269	36946	1.46	cps
Barium	137-1	64856	63174	62194	63408	2.12	cps
Beryllium	9-1	58	44	44	49	16.61	cps
Bismuth	209-1	9805140	9970214	9683025	9819460	1.47	cps
Bismuth	209-2	4056742	4000407	4066578	4041242	0.88	cps
Boron	10-1	45908	48310	48505	47574	3.04	cps
Boron	11-1	208568	211246	219490	213101	2.67	cps
Bromine	81-1	120232	126778	127157	124723	3.12	cps
Cadmium	111-1	1481	1512	1480	1491	1.20	cps
Cadmium	106-1	7152	7160	7285	7199	1.04	cps
Cadmium	108-1	29	29	50	36	33.30	cps
Calcium	43-1	11060343	10651206	10796961	10836170	1.91	cps
Calcium	44-1	178203181	173340569	174261664	175268472	1.47	cps
Carbon	12-1	20144980	21649830	23414717	21736509	7.53	cps
Carbon	12-2	222735	227106	231925	227255	2.02	cps
Chlorine	35-1	2439254	2400478	2319501	2386411	2.56	cps
Chlorine	35-2	14282	13682	14107	14024	2.20	cps
Chromium	52-2	3454	3434	3394	3427	0.89	cps
Cobalt	59-2	7946	7726	7929	7867	1.56	cps
Copper	63-2	1760	1820	1830	1803	2.10	cps
Dysprosium	156-1	83	83	92	86	5.58	cps
Dysprosium	156-2	13	13	20	16	24.76	cps
Erbium	164-1	142	167	175	161	10.77	cps
Erbium	164-2	73	70	50	64	19.58	cps
Gadolinium	160-1	125	158	158	147	13.07	cps
Gadolinium	160-2	113	140	130	128	10.54	cps
Holmium	165-1	17535211	17943724	17527777	17668904	1.35	cps
Holmium	165-2	6339992	6243071	6288530	6290531	0.77	cps
Indium	115-1	15689564	16193778	15897044	15926795	1.59	cps
Indium	115-2	2003694	2030901	2003032	2012542	0.79	cps
Iron	54-2	201967	203273	200490	201910	0.69	cps
Iron	56-2	3895624	3738844	3779029	3804499	2.14	cps
Iron	57-2	101890	98308	100872	100357	1.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:42:10	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13305	13487	13810	13534	1.89	cps
Lead	206-1	2178	2028	2045	2084	3.95	cps
Lead	207-1	1795	1722	1895	1804	4.80	cps
Lead	208-1	8446	7968	8568	8327	3.81	cps
Lithium	6-1	9563367	9676132	9617444	9618981	0.59	cps
Magnesium	24-2	30246667	30190726	29348482	29928625	1.68	cps
Manganese	55-2	2746567	2686074	2753092	2728577	1.35	cps
Molybdenum	94-1	4868	4709	4993	4857	2.93	cps
Molybdenum	95-1	7411	8061	7527	7666	4.52	cps
Molybdenum	96-1	8369	8236	8803	8470	3.50	cps
Molybdenum	97-1	4601	4793	4651	4681	2.12	cps
Molybdenum	98-1	12097	11447	11781	11775	2.76	cps
Neodymium	150-1	87	33	53	58	46.64	cps
Neodymium	150-2	20	20	17	19	10.18	cps
Nickel	60-2	6518	6328	6442	6429	1.49	cps
Phosphorus	31-2	442	350	350	381	13.91	cps
Potassium	39-2	256797	252929	255044	254923	0.76	cps
Rhodium	103-1	14340251	13977004	14523697	14280317	1.95	cps
Rhodium	103-2	5206839	5196163	5228595	5210532	0.32	cps
Scandium	45-1	13019608	13321354	12850392	13063785	1.83	cps
Scandium	45-2	310919	312312	311464	311565	0.23	cps
Selenium	82-1	56	299	-75	93	203.17	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	119	107	114	113	5.32	cps
Silicon	28-1	159026341	154312824	157457887	156932351	1.53	cps
Silver	107-1	375	350	367	364	3.50	cps
Silver	109-1	225	208	242	225	7.41	cps
Sodium	23-2	10473385	10527211	10124098	10374898	2.11	cps
Strontium	86-1	7955481	7915376	7437828	7769562	3.71	cps
Strontium	88-1	67782060	65345056	65993199	66373438	1.90	cps
Sulfur	34-1	18018621	17954990	17844545	17939385	0.49	cps
Terbium	159-1	18183509	17799428	18533375	18172104	2.02	cps
Terbium	159-2	6147302	5960327	6060749	6056126	1.55	cps
Thallium	203-1	467	400	367	411	12.39	cps
Thallium	205-1	1025	1042	1208	1092	9.29	cps
Tin	118-1	3517	3626	3542	3562	1.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:42:10	DataFile Name :	134AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4859	4484	4826	4723	4.40	cps
Uranium	238-1	24057	24600	24959	24538	1.85	cps
Vanadium	51-2	437	637	573	549	18.62	cps
Ytterbium	172-1	125	117	100	114	11.18	cps
Ytterbium	172-2	56	22	61	46	45.43	cps
Ytterbium	176-1	2142	2434	2150	2242	7.41	cps
Ytterbium	176-2	6824	7141	7285	7083	3.33	cps
Yttrium	89-1	27221440	26606830	26044475	26624248	2.21	cps
Yttrium	89-2	2396494	2330707	2371674	2366292	1.40	cps
Zinc	66-2	903	987	897	929	5.40	cps
Zirconium	90-1	1733	1750	1809	1764	2.23	cps
Zirconium	91-1	333	350	375	353	5.94	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:45:06	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450	481	502	478	5.53	cps
Antimony	121-1	417	400	542	453	17.10	cps
Arsenic	75-2	3200	3029	3121	3116	2.75	cps
Barium	135-1	34319	34929	34629	34626	0.88	cps
Barium	137-1	62755	59599	61181	61178	2.58	cps
Beryllium	9-1	56	50	50	52	6.66	cps
Bismuth	209-1	9809557	9511307	9833558	9718141	1.85	cps
Bismuth	209-2	4140259	4107104	4018265	4088543	1.54	cps
Boron	10-1	45777	46464	47037	46426	1.36	cps
Boron	11-1	200781	205743	209573	205366	2.15	cps
Bromine	81-1	120494	128969	140551	130005	7.74	cps
Cadmium	111-1	1583	1500	1565	1549	2.83	cps
Cadmium	106-1	7627	7369	7436	7477	1.79	cps
Cadmium	108-1	13	46	38	32	54.30	cps
Calcium	43-1	10386623	10629264	10537727	10517872	1.17	cps
Calcium	44-1	168894965	170889211	170422424	170068867	0.61	cps
Carbon	12-1	18583532	19937385	21421273	19980730	7.10	cps
Carbon	12-2	209288	216298	215072	213553	1.75	cps
Chlorine	35-1	2087397	2080701	2082202	2083434	0.17	cps
Chlorine	35-2	12497	12264	12639	12467	1.52	cps
Chromium	52-2	2427	2437	2584	2482	3.53	cps
Cobalt	59-2	8009	7622	7692	7774	2.65	cps
Copper	63-2	1457	1403	1343	1401	4.05	cps
Dysprosium	156-1	58	58	67	61	7.87	cps
Dysprosium	156-2	13	23	10	16	44.60	cps
Erbium	164-1	117	175	142	144	20.26	cps
Erbium	164-2	67	77	63	69	10.08	cps
Gadolinium	160-1	75	92	100	89	14.32	cps
Gadolinium	160-2	127	113	110	117	7.56	cps
Holmium	165-1	18034779	17658407	17373741	17688976	1.87	cps
Holmium	165-2	6308239	6320652	6115987	6248293	1.84	cps
Indium	115-1	15869070	15555184	15649392	15691215	1.03	cps
Indium	115-2	2041861	2011716	2018057	2023878	0.79	cps
Iron	54-2	201517	202741	199359	201206	0.85	cps
Iron	56-2	3765270	3724602	3831461	3773777	1.43	cps
Iron	57-2	97164	96817	100687	98222	2.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:45:06	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13335	13451	13136	13307	1.20	cps
Lead	206-1	1811	2106	1900	1939	7.79	cps
Lead	207-1	1600	1572	1695	1622	3.95	cps
Lead	208-1	7746	7618	7668	7677	0.84	cps
Lithium	6-1	8884337	9462121	9322636	9223031	3.27	cps
Magnesium	24-2	30487790	30713866	29668439	30290032	1.82	cps
Manganese	55-2	2717702	2736219	2730610	2728177	0.35	cps
Molybdenum	94-1	4292	4342	4743	4459	5.53	cps
Molybdenum	95-1	7869	7919	8119	7969	1.66	cps
Molybdenum	96-1	8294	7994	8069	8119	1.92	cps
Molybdenum	97-1	4109	4526	4476	4370	5.21	cps
Molybdenum	98-1	10871	11305	11430	11202	2.62	cps
Neodymium	150-1	27	53	47	42	32.86	cps
Neodymium	150-2	3	10	20	11	75.52	cps
Nickel	60-2	5918	5591	5675	5728	2.96	cps
Phosphorus	31-2	342	258	333	311	14.75	cps
Potassium	39-2	253868	262418	250819	255701	2.35	cps
Rhodium	103-1	13772316	14058269	14273140	14034575	1.79	cps
Rhodium	103-2	5443110	5186344	5263163	5297539	2.49	cps
Scandium	45-1	12661892	12257299	12625345	12514845	1.79	cps
Scandium	45-2	305854	307238	314748	309280	1.55	cps
Selenium	82-1	243	-76	264	143	132.86	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	105	119	101	108	8.72	cps
Silicon	28-1	156543091	151745778	155251128	154513333	1.61	cps
Silver	107-1	300	383	292	325	15.60	cps
Silver	109-1	208	225	200	211	6.03	cps
Sodium	23-2	10495056	10673652	10303550	10490753	1.76	cps
Strontium	86-1	7636947	7395907	7201090	7411315	2.95	cps
Strontium	88-1	64887679	64702158	64090556	64560131	0.65	cps
Sulfur	34-1	17957924	18181504	17972021	18037150	0.69	cps
Terbium	159-1	18467663	17947516	18123110	18179430	1.46	cps
Terbium	159-2	6209329	6176135	6219858	6201774	0.37	cps
Thallium	203-1	433	425	300	386	19.34	cps
Thallium	205-1	1083	917	833	945	13.48	cps
Tin	118-1	2859	2784	2825	2823	1.33	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:45:06	DataFile Name :	135AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3225	3334	2884	3148	7.46	cps
Uranium	238-1	23431	23639	24834	23968	3.16	cps
Vanadium	51-2	403	430	373	402	7.05	cps
Ytterbium	172-1	83	133	133	117	24.74	cps
Ytterbium	172-2	44	28	6	26	75.24	cps
Ytterbium	176-1	2209	2242	2450	2300	5.69	cps
Ytterbium	176-2	6479	7113	7719	7104	8.73	cps
Yttrium	89-1	27239777	26112023	25932650	26428150	2.68	cps
Yttrium	89-2	2325514	2368811	2372506	2355610	1.11	cps
Zinc	66-2	3007	2897	2747	2884	4.53	cps
Zirconium	90-1	1467	1425	1492	1461	2.31	cps
Zirconium	91-1	317	342	292	317	7.89	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2066-15 Instrumnet Name : P8
 Client Sample ID : YAZ62 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 19:47:59 DataFile Name : 136AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255	275	271	267	3.98	cps
Antimony	121-1	433	458	325	406	17.48	cps
Arsenic	75-2	277	269	295	280	4.75	cps
Barium	135-1	41197	40578	41113	40963	0.82	cps
Barium	137-1	70100	70291	69236	69876	0.80	cps
Beryllium	9-1	76	64	76	72	9.62	cps
Bismuth	209-1	9638347	10219916	10447044	10101769	4.13	cps
Bismuth	209-2	4167933	4140475	4282890	4197100	1.80	cps
Boron	10-1	22653	22453	22165	22424	1.10	cps
Boron	11-1	102488	99873	103617	101992	1.88	cps
Bromine	81-1	114809	119767	121839	118805	3.04	cps
Cadmium	111-1	1420	1345	1493	1420	5.20	cps
Cadmium	106-1	6994	6660	7269	6974	4.37	cps
Cadmium	108-1	58	58	33	50	28.87	cps
Calcium	43-1	2070855	2051372	1945519	2022582	3.33	cps
Calcium	44-1	32867027	31413576	31408526	31896376	2.64	cps
Carbon	12-1	20336161	21871082	22400689	21535977	4.98	cps
Carbon	12-2	217043	229333	223334	223237	2.75	cps
Chlorine	35-1	2204623	2163679	2117040	2161781	2.03	cps
Chlorine	35-2	13707	12739	13774	13407	4.32	cps
Chromium	52-2	2204	2404	2354	2320	4.49	cps
Cobalt	59-2	593	647	620	620	4.30	cps
Copper	63-2	4391	4601	4564	4519	2.48	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	17	13	17	16	12.40	cps
Erbium	164-1	183	183	192	186	2.59	cps
Erbium	164-2	50	50	30	43	26.65	cps
Gadolinium	160-1	125	175	133	144	18.55	cps
Gadolinium	160-2	80	100	80	87	13.32	cps
Holmium	165-1	16492738	17276664	17188902	16986101	2.53	cps
Holmium	165-2	6171568	6064876	6111941	6116128	0.87	cps
Indium	115-1	15089272	15625294	15432621	15382396	1.77	cps
Indium	115-2	1971127	1971985	2050420	1997844	2.28	cps
Iron	54-2	1656	1689	1706	1683	1.51	cps
Iron	56-2	21572	21683	21828	21695	0.59	cps
Iron	57-2	2056	2167	2250	2158	4.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-15	Instrumnet Name :	P8
Client Sample ID :	YAZ62	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:47:59	DataFile Name :	136AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13542	13172	12951	13222	2.26	cps
Lead	206-1	1450	1356	1517	1441	5.62	cps
Lead	207-1	1300	1256	1222	1259	3.10	cps
Lead	208-1	5895	5673	5645	5738	2.39	cps
Lithium	6-1	9512118	9402765	9031407	9315430	2.70	cps
Magnesium	24-2	5648173	5557075	5452987	5552745	1.76	cps
Manganese	55-2	17110	17528	17074	17237	1.46	cps
Molybdenum	94-1	1750	1567	1725	1681	5.92	cps
Molybdenum	95-1	2359	1984	2184	2175	8.63	cps
Molybdenum	96-1	2634	2550	2725	2636	3.32	cps
Molybdenum	97-1	1283	1242	1442	1322	7.98	cps
Molybdenum	98-1	3842	3242	3167	3417	10.83	cps
Neodymium	150-1	40	53	27	40	33.33	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	790	823	800	804	2.13	cps
Phosphorus	31-2	250	250	250	250	0.00	cps
Potassium	39-2	46116	44402	45464	45327	1.91	cps
Rhodium	103-1	14253388	14614839	15038659	14635629	2.69	cps
Rhodium	103-2	5361267	5209675	5443057	5338000	2.22	cps
Scandium	45-1	12439708	12333858	12457167	12410245	0.54	cps
Scandium	45-2	302596	300870	306107	303191	0.88	cps
Selenium	82-1	-228	70	345	63	458.22	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	112	97	117	109	9.58	cps
Silicon	28-1	140471670	141461153	137015161	139649328	1.67	cps
Silver	107-1	267	300	275	281	6.18	cps
Silver	109-1	183	175	208	189	9.18	cps
Sodium	23-2	6391778	6361263	6117714	6290252	2.39	cps
Strontium	86-1	761087	742622	735896	746535	1.75	cps
Strontium	88-1	6318587	5929263	6035925	6094592	3.30	cps
Sulfur	34-1	2834913	2896109	2739135	2823386	2.80	cps
Terbium	159-1	16954346	17721059	18002947	17559451	3.09	cps
Terbium	159-2	6145167	5953575	6065932	6054891	1.59	cps
Thallium	203-1	325	433	350	369	15.35	cps
Thallium	205-1	942	892	708	847	14.50	cps
Tin	118-1	2734	2584	2609	2642	3.04	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-15	Instrumnet Name :	P8
Client Sample ID :	YAZ62	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:47:59	DataFile Name :	136AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2425	2384	2359	2389	1.41	cps
Uranium	238-1	358	500	392	417	17.78	cps
Vanadium	51-2	4174	4161	4304	4213	1.88	cps
Ytterbium	172-1	167	217	183	189	13.48	cps
Ytterbium	172-2	67	67	50	61	15.75	cps
Ytterbium	176-1	1942	2075	1975	1997	3.48	cps
Ytterbium	176-2	6885	6969	7247	7033	2.69	cps
Yttrium	89-1	25120300	24883480	25799463	25267748	1.88	cps
Yttrium	89-2	2352797	2361603	2384608	2366336	0.69	cps
Zinc	66-2	1793	1950	1833	1859	4.38	cps
Zirconium	90-1	1275	1050	1292	1206	11.20	cps
Zirconium	91-1	225	275	225	242	11.94	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-16	Instrumnet Name :	P8
Client Sample ID :	YAZ64	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:50:57	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	449	461	477	462	3.12	cps
Antimony	121-1	442	625	517	528	17.46	cps
Arsenic	75-2	234	223	243	233	4.29	cps
Barium	135-1	88005	86360	88046	87470	1.10	cps
Barium	137-1	155129	148108	150990	151409	2.33	cps
Beryllium	9-1	48	80	70	66	24.80	cps
Bismuth	209-1	9813271	10195817	9925379	9978156	1.97	cps
Bismuth	209-2	4314133	4185812	4257817	4252587	1.51	cps
Boron	10-1	21506	21552	22106	21721	1.54	cps
Boron	11-1	95164	96844	99690	97233	2.35	cps
Bromine	81-1	117756	113732	123655	118381	4.22	cps
Cadmium	111-1	1518	1322	1384	1408	7.10	cps
Cadmium	106-1	7352	6535	6727	6871	6.22	cps
Cadmium	108-1	46	50	17	38	48.43	cps
Calcium	43-1	1932698	1868760	1914527	1905328	1.73	cps
Calcium	44-1	30705837	29718831	29769219	30064629	1.85	cps
Carbon	12-1	19287586	20075505	21568105	20310399	5.70	cps
Carbon	12-2	210307	216681	225400	217463	3.48	cps
Chlorine	35-1	1903766	1926945	1906832	1912514	0.66	cps
Chlorine	35-2	11914	11413	12097	11808	3.00	cps
Chromium	52-2	1717	1657	1680	1685	1.80	cps
Cobalt	59-2	2024	1963	2017	2001	1.64	cps
Copper	63-2	3280	3370	3450	3367	2.53	cps
Dysprosium	156-1	67	67	108	81	29.86	cps
Dysprosium	156-2	13	27	27	22	34.66	cps
Erbium	164-1	100	217	225	181	38.71	cps
Erbium	164-2	63	77	40	60	30.93	cps
Gadolinium	160-1	175	175	117	156	21.65	cps
Gadolinium	160-2	87	87	110	94	14.26	cps
Holmium	165-1	16530560	16650536	17251703	16810933	2.30	cps
Holmium	165-2	5968472	6242979	6265145	6158865	2.68	cps
Indium	115-1	15178041	15285957	15208994	15224331	0.36	cps
Indium	115-2	2031773	2036845	2028497	2032372	0.21	cps
Iron	54-2	3784	3662	3589	3678	2.67	cps
Iron	56-2	59670	58531	56100	58100	3.14	cps
Iron	57-2	2928	3134	3350	3137	6.73	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-16	Instrumnet Name :	P8
Client Sample ID :	YAZ64	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:50:57	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13183	13053	13217	13151	0.66	cps
Lead	206-1	1772	1633	1856	1754	6.40	cps
Lead	207-1	1300	1333	1406	1346	4.01	cps
Lead	208-1	6529	6084	6629	6414	4.52	cps
Lithium	6-1	9580833	9431780	9524159	9512257	0.79	cps
Magnesium	24-2	5197480	5098387	5213445	5169771	1.21	cps
Manganese	55-2	179163	182004	175823	178997	1.73	cps
Molybdenum	94-1	1792	1700	2000	1831	8.40	cps
Molybdenum	95-1	2859	2609	2575	2681	5.78	cps
Molybdenum	96-1	3092	3334	3401	3275	4.95	cps
Molybdenum	97-1	1942	1492	1775	1736	13.10	cps
Molybdenum	98-1	4151	4042	4426	4206	4.70	cps
Neodymium	150-1	60	93	107	87	27.74	cps
Neodymium	150-2	20	20	17	19	10.18	cps
Nickel	60-2	507	500	563	523	6.65	cps
Phosphorus	31-2	125	200	200	175	24.75	cps
Potassium	39-2	118125	117855	118250	118077	0.17	cps
Rhodium	103-1	14049832	14179483	14493386	14240900	1.60	cps
Rhodium	103-2	5377299	5203426	5304260	5294995	1.65	cps
Scandium	45-1	12190297	12057304	12245636	12164413	0.80	cps
Scandium	45-2	302529	299108	296431	299356	1.02	cps
Selenium	82-1	-315	64	-114	-122	-155.74	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	95	96	112	101	9.44	cps
Silicon	28-1	134218786	130355128	129563565	131379160	1.90	cps
Silver	107-1	325	383	417	375	12.37	cps
Silver	109-1	217	183	175	192	11.50	cps
Sodium	23-2	6083360	6005771	6053071	6047401	0.65	cps
Strontium	86-1	728922	724449	713058	722143	1.13	cps
Strontium	88-1	6242510	6085361	5916477	6081449	2.68	cps
Sulfur	34-1	2757653	2725425	2732178	2738418	0.62	cps
Terbium	159-1	17200222	17441620	17563071	17401638	1.06	cps
Terbium	159-2	6217869	6015621	6010584	6081358	1.94	cps
Thallium	203-1	333	408	350	364	10.82	cps
Thallium	205-1	942	1025	800	922	12.33	cps
Tin	118-1	2717	2834	2684	2745	2.87	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-16	Instrumnet Name :	P8
Client Sample ID :	YAZ64	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:50:57	DataFile Name :	137AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2542	2484	2675	2567	3.83	cps
Uranium	238-1	1150	1217	1233	1200	3.67	cps
Vanadium	51-2	11595	12102	11675	11791	2.31	cps
Ytterbium	172-1	208	183	133	175	21.82	cps
Ytterbium	172-2	94	33	50	59	53.32	cps
Ytterbium	176-1	2417	2459	2192	2356	6.09	cps
Ytterbium	176-2	6841	6707	7702	7084	7.62	cps
Yttrium	89-1	25462565	25186697	24746724	25131995	1.44	cps
Yttrium	89-2	2322501	2337233	2306187	2321974	0.67	cps
Zinc	66-2	520	540	610	557	8.49	cps
Zirconium	90-1	1108	1442	1267	1272	13.11	cps
Zirconium	91-1	325	292	258	292	11.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:53:52	DataFile Name :	138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366	352	356	358	1.98	cps
Antimony	121-1	1942	1825	2159	1975	8.57	cps
Arsenic	75-2	60719	60655	60733	60702	0.07	cps
Barium	135-1	86393	88699	89329	88140	1.75	cps
Barium	137-1	151768	158022	153730	154507	2.07	cps
Beryllium	9-1	72	58	56	62	14.06	cps
Bismuth	209-1	9886465	9395251	9682732	9654816	2.56	cps
Bismuth	209-2	3945254	3811867	3636790	3797970	4.07	cps
Boron	10-1	75175	79205	82554	78978	4.68	cps
Boron	11-1	341249	357863	365203	354772	3.46	cps
Bromine	81-1	125410	146495	147550	139819	8.93	cps
Cadmium	111-1	1465	1513	1505	1494	1.70	cps
Cadmium	106-1	7252	7311	7202	7255	0.75	cps
Cadmium	108-1	50	58	63	57	11.18	cps
Calcium	43-1	18738773	18960452	19222730	18973985	1.28	cps
Calcium	44-1	293284476	293095909	304655884	297012090	2.23	cps
Carbon	12-1	19205959	21229857	21788609	20741475	6.55	cps
Carbon	12-2	216305	216974	220712	217997	1.09	cps
Chlorine	35-1	1956498	1891042	1987449	1944996	2.53	cps
Chlorine	35-2	12439	11963	12130	12178	1.98	cps
Chromium	52-2	2054	1960	1990	2001	2.38	cps
Cobalt	59-2	13660	13747	13670	13692	0.35	cps
Copper	63-2	2537	2530	2367	2478	3.89	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	225	167	217	203	15.56	cps
Erbium	164-2	20	63	47	43	50.44	cps
Gadolinium	160-1	200	133	92	142	38.57	cps
Gadolinium	160-2	90	80	113	94	18.12	cps
Holmium	165-1	18269051	17949712	17506252	17908339	2.14	cps
Holmium	165-2	6119533	5713010	5698085	5843543	4.09	cps
Indium	115-1	16328547	15504311	15627446	15820101	2.81	cps
Indium	115-2	1985862	1898594	1838315	1907590	3.89	cps
Iron	54-2	936454	966205	946952	949870	1.59	cps
Iron	56-2	17387344	17599308	17690605	17559086	0.89	cps
Iron	57-2	441091	442119	446128	443113	0.60	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:53:52	DataFile Name :	138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12843	13116	13278	13079	1.68	cps
Lead	206-1	2184	1995	1917	2032	6.75	cps
Lead	207-1	1645	1795	1633	1691	5.32	cps
Lead	208-1	8357	8018	7696	8023	4.12	cps
Lithium	6-1	9534101	9596180	8874916	9335066	4.28	cps
Magnesium	24-2	49465638	52589169	52356247	51470351	3.38	cps
Manganese	55-2	611680	614539	617197	614472	0.45	cps
Molybdenum	94-1	23529	22819	23095	23148	1.55	cps
Molybdenum	95-1	40459	39357	39958	39925	1.38	cps
Molybdenum	96-1	43745	44188	45517	44483	2.07	cps
Molybdenum	97-1	25416	23470	24013	24300	4.13	cps
Molybdenum	98-1	61922	61729	61596	61749	0.27	cps
Neodymium	150-1	93	53	53	67	34.65	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	9920	9830	9800	9850	0.63	cps
Phosphorus	31-2	167	233	175	192	18.95	cps
Potassium	39-2	594040	594026	581067	589711	1.27	cps
Rhodium	103-1	14624783	14312540	14685938	14541087	1.38	cps
Rhodium	103-2	5076671	4912547	4748634	4912617	3.34	cps
Scandium	45-1	12794281	12244008	12659491	12565927	2.28	cps
Scandium	45-2	308117	296518	282579	295738	4.32	cps
Selenium	82-1	299	198	160	219	32.82	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	109	116	109	111	3.63	cps
Silicon	28-1	130286370	128185953	128676720	129049681	0.85	cps
Silver	107-1	283	383	333	333	15.00	cps
Silver	109-1	242	175	192	203	17.11	cps
Sodium	23-2	17981163	18688677	18646287	18438709	2.15	cps
Strontium	86-1	38689973	39412110	38275216	38792433	1.48	cps
Strontium	88-1	328823957	345834116	341614608	338757560	2.61	cps
Sulfur	34-1	34784482	35000677	34526922	34770693	0.68	cps
Terbium	159-1	19350823	17702328	18579631	18544261	4.45	cps
Terbium	159-2	6242925	5948265	5670084	5953758	4.81	cps
Thallium	203-1	367	358	350	358	2.32	cps
Thallium	205-1	925	842	967	911	6.99	cps
Tin	118-1	3017	3109	2867	2998	4.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:53:52	DataFile Name :	138AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2942	2517	2567	2675	8.69	cps
Uranium	238-1	64709	64013	65412	64711	1.08	cps
Vanadium	51-2	150	210	157	172	19.09	cps
Ytterbium	172-1	100	117	75	97	21.57	cps
Ytterbium	172-2	33	44	61	46	30.20	cps
Ytterbium	176-1	2175	2209	2275	2220	2.29	cps
Ytterbium	176-2	6702	7119	6468	6763	4.87	cps
Yttrium	89-1	27129025	26785050	26881198	26931758	0.66	cps
Yttrium	89-2	2350001	2247742	2180441	2259394	3.78	cps
Zinc	66-2	2530	2840	2720	2697	5.80	cps
Zirconium	90-1	2117	2234	2275	2209	3.72	cps
Zirconium	91-1	725	650	700	692	5.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:56:51	DataFile Name :	139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	261	251	262	4.54	cps
Antimony	121-1	908	908	792	869	7.75	cps
Arsenic	75-2	5734	5546	5777	5685	2.16	cps
Barium	135-1	119697	119336	121999	120344	1.20	cps
Barium	137-1	215802	213446	219451	216233	1.40	cps
Beryllium	9-1	52	54	48	51	5.95	cps
Bismuth	209-1	9161087	9297078	9453025	9303730	1.57	cps
Bismuth	209-2	3904806	3926962	4009612	3947127	1.40	cps
Boron	10-1	90260	89587	92401	90750	1.62	cps
Boron	11-1	400376	395898	413530	403268	2.27	cps
Bromine	81-1	118317	128859	125407	124194	4.33	cps
Cadmium	111-1	1379	1391	1533	1434	5.99	cps
Cadmium	106-1	6794	6885	7527	7069	5.66	cps
Cadmium	108-1	54	88	38	60	42.63	cps
Calcium	43-1	21351197	22378846	21870448	21866830	2.35	cps
Calcium	44-1	343960742	362284901	357471913	354572519	2.68	cps
Carbon	12-1	19352319	21502274	22479542	21111378	7.58	cps
Carbon	12-2	219269	222263	226128	222553	1.55	cps
Chlorine	35-1	1850739	1887707	1882567	1873671	1.07	cps
Chlorine	35-2	11697	11730	11496	11641	1.09	cps
Chromium	52-2	1653	1810	1667	1710	5.08	cps
Cobalt	59-2	56248	56378	58771	57132	2.49	cps
Copper	63-2	3440	3350	3477	3423	1.90	cps
Dysprosium	156-1	42	50	33	42	20.00	cps
Dysprosium	156-2	27	20	30	26	19.92	cps
Erbium	164-1	92	100	158	117	31.14	cps
Erbium	164-2	43	60	50	51	16.42	cps
Gadolinium	160-1	158	167	217	181	17.47	cps
Gadolinium	160-2	97	107	87	97	10.34	cps
Holmium	165-1	16859107	17358023	17146612	17121247	1.46	cps
Holmium	165-2	6272330	6283099	6178365	6244598	0.92	cps
Indium	115-1	14531576	15381773	15480607	15131319	3.45	cps
Indium	115-2	1990281	1990884	1963235	1981466	0.80	cps
Iron	54-2	157752	157184	157607	157514	0.19	cps
Iron	56-2	2951744	2975208	2990786	2972579	0.66	cps
Iron	57-2	85913	89564	90917	88798	2.91	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:56:51	DataFile Name :	139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13345	13707	13873	13642	1.98	cps
Lead	206-1	1817	1589	1639	1682	7.12	cps
Lead	207-1	1472	1433	1506	1470	2.46	cps
Lead	208-1	7279	6712	7001	6997	4.05	cps
Lithium	6-1	8439622	9270187	8969422	8893077	4.73	cps
Magnesium	24-2	51569140	50957924	52626251	51717772	1.63	cps
Manganese	55-2	4548952	4392276	4440083	4460437	1.80	cps
Molybdenum	94-1	5018	5026	5335	5126	3.52	cps
Molybdenum	95-1	9003	8028	8795	8608	5.97	cps
Molybdenum	96-1	8761	9028	9662	9151	5.06	cps
Molybdenum	97-1	5034	4718	5226	4993	5.14	cps
Molybdenum	98-1	12005	12272	12406	12228	1.67	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	12442	12099	12019	12186	1.85	cps
Phosphorus	31-2	117	83	175	125	37.12	cps
Potassium	39-2	775260	787793	792031	785028	1.11	cps
Rhodium	103-1	13122483	13741559	13881002	13581681	2.97	cps
Rhodium	103-2	5081064	5151268	5314849	5182394	2.31	cps
Scandium	45-1	11961054	12429884	12471230	12287389	2.31	cps
Scandium	45-2	309909	312698	316194	312934	1.01	cps
Selenium	82-1	569	110	318	332	69.18	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	138	88	108	111	22.60	cps
Silicon	28-1	106830721	107775048	111153898	108586556	2.09	cps
Silver	107-1	325	325	333	328	1.47	cps
Silver	109-1	150	233	125	169	33.48	cps
Sodium	23-2	14313808	14569185	14615570	14499521	1.12	cps
Strontium	86-1	49019522	46644832	48775719	48146691	2.71	cps
Strontium	88-1	427982676	413844618	411204734	417677343	2.16	cps
Sulfur	34-1	38775033	39651029	39678531	39368198	1.31	cps
Terbium	159-1	16326038	18252304	18327318	17635220	6.43	cps
Terbium	159-2	5931622	5999251	6072191	6001022	1.17	cps
Thallium	203-1	417	492	508	472	10.34	cps
Thallium	205-1	850	733	917	833	11.14	cps
Tin	118-1	2325	2742	2400	2489	8.92	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:56:51	DataFile Name :	139AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2392	2467	2492	2450	2.12	cps
Uranium	238-1	20000	19182	19950	19710	2.33	cps
Vanadium	51-2	123	120	73	106	26.49	cps
Ytterbium	172-1	58	133	50	81	56.97	cps
Ytterbium	172-2	17	50	33	33	50.00	cps
Ytterbium	176-1	1884	2317	2109	2103	10.31	cps
Ytterbium	176-2	6530	6774	7424	6909	6.69	cps
Yttrium	89-1	24467585	25707936	25532907	25236143	2.66	cps
Yttrium	89-2	2440540	2401654	2439908	2427367	0.92	cps
Zinc	66-2	993	1023	963	993	3.02	cps
Zirconium	90-1	1717	1759	1850	1775	3.84	cps
Zirconium	91-1	292	408	300	333	19.53	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:59:46	DataFile Name :	140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	366	404	377	6.28	cps
Antimony	121-1	208	258	233	233	10.72	cps
Arsenic	75-2	89056	88989	90028	89358	0.65	cps
Barium	135-1	113811	114451	114509	114257	0.34	cps
Barium	137-1	196987	198958	192906	196284	1.57	cps
Beryllium	9-1	76	72	76	75	3.09	cps
Bismuth	209-1	8769178	9623121	9369530	9253943	4.74	cps
Bismuth	209-2	4032536	4011957	3994395	4012963	0.48	cps
Boron	10-1	103497	107044	107026	105856	1.93	cps
Boron	11-1	449098	470716	478762	466192	3.29	cps
Bromine	81-1	134791	150291	149559	144880	6.04	cps
Cadmium	111-1	1403	1437	1493	1444	3.14	cps
Cadmium	106-1	6894	7002	7502	7133	4.55	cps
Cadmium	108-1	67	38	71	58	31.13	cps
Calcium	43-1	19626854	19639046	19880152	19715351	0.72	cps
Calcium	44-1	320431801	317926695	315422037	317926844	0.79	cps
Carbon	12-1	20129379	21176415	22657187	21320994	5.96	cps
Carbon	12-2	224048	234076	226218	228114	2.31	cps
Chlorine	35-1	1864182	1828626	1874983	1855930	1.31	cps
Chlorine	35-2	11021	11088	11021	11043	0.35	cps
Chromium	52-2	4007	4137	4354	4166	4.20	cps
Cobalt	59-2	1643	1677	1590	1637	2.67	cps
Copper	63-2	2397	2040	2194	2210	8.10	cps
Dysprosium	156-1	75	25	75	58	49.49	cps
Dysprosium	156-2	17	20	27	21	24.12	cps
Erbium	164-1	125	242	200	189	31.30	cps
Erbium	164-2	67	40	50	52	25.80	cps
Gadolinium	160-1	75	183	92	117	50.00	cps
Gadolinium	160-2	87	113	153	118	28.49	cps
Holmium	165-1	16637115	17142869	17398322	17059435	2.27	cps
Holmium	165-2	6185348	6185514	6161316	6177392	0.23	cps
Indium	115-1	14929752	15229418	15313354	15157508	1.33	cps
Indium	115-2	1982193	2008350	2004486	1998343	0.71	cps
Iron	54-2	1883312	1868153	2029254	1926906	4.62	cps
Iron	56-2	34360516	34422603	34667928	34483682	0.47	cps
Iron	57-2	843814	838614	850614	844347	0.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:59:46	DataFile Name :	140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13550	13117	13215	13294	1.71	cps
Lead	206-1	2011	2017	2017	2015	0.16	cps
Lead	207-1	1867	1950	1922	1913	2.22	cps
Lead	208-1	8046	8429	8401	8292	2.58	cps
Lithium	6-1	8510997	9048163	8637930	8732363	3.22	cps
Magnesium	24-2	62120587	59742108	62504235	61455643	2.43	cps
Manganese	55-2	5456891	5505757	5584925	5515858	1.17	cps
Molybdenum	94-1	2009	1967	1925	1967	2.12	cps
Molybdenum	95-1	2500	2475	2609	2528	2.80	cps
Molybdenum	96-1	4668	4451	4401	4506	3.15	cps
Molybdenum	97-1	933	1050	842	942	11.09	cps
Molybdenum	98-1	2709	2467	2525	2567	4.91	cps
Neodymium	150-1	107	53	67	76	36.74	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	1647	1630	1453	1577	6.80	cps
Phosphorus	31-2	2634	2734	2450	2606	5.52	cps
Potassium	39-2	709842	720272	726799	718971	1.19	cps
Rhodium	103-1	13803364	14024602	14347679	14058549	1.95	cps
Rhodium	103-2	5282014	5254185	5174407	5236868	1.07	cps
Scandium	45-1	12410923	12468213	13269707	12716281	3.78	cps
Scandium	45-2	304311	316519	308693	309841	2.00	cps
Selenium	82-1	236	470	757	488	53.43	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	105	123	119	116	8.17	cps
Silicon	28-1	140095449	139727274	139652836	139825186	0.17	cps
Silver	107-1	358	400	275	344	18.48	cps
Silver	109-1	167	167	150	161	5.97	cps
Sodium	23-2	15332617	15722904	15521400	15525640	1.26	cps
Strontium	86-1	32975405	32805793	32949661	32910286	0.28	cps
Strontium	88-1	285194173	287391365	285386181	285990573	0.43	cps
Sulfur	34-1	37994958	38630619	37673736	38099771	1.28	cps
Terbium	159-1	17722165	18413211	18429984	18188454	2.22	cps
Terbium	159-2	6092684	6071370	6031752	6065269	0.51	cps
Thallium	203-1	358	350	400	369	7.25	cps
Thallium	205-1	967	917	950	945	2.70	cps
Tin	118-1	3225	3426	3034	3228	6.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 19:59:46	DataFile Name :	140AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3225	3326	3150	3234	2.72	cps
Uranium	238-1	1133	1067	1108	1103	3.05	cps
Vanadium	51-2	290	193	210	231	22.36	cps
Ytterbium	172-1	83	83	133	100	28.87	cps
Ytterbium	172-2	17	78	44	46	66.08	cps
Ytterbium	176-1	2250	2217	2117	2195	3.16	cps
Ytterbium	176-2	6846	7486	7441	7258	4.92	cps
Yttrium	89-1	25171698	26247695	26425142	25948178	2.61	cps
Yttrium	89-2	2464844	2422063	2349951	2412286	2.41	cps
Zinc	66-2	803	707	787	766	6.75	cps
Zirconium	90-1	2984	2467	2850	2767	9.70	cps
Zirconium	91-1	900	1025	858	928	9.35	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:02:46	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	404	341	391	379	8.73	cps
Antimony	121-1	767	708	783	753	5.23	cps
Arsenic	75-2	955	896	978	943	4.49	cps
Barium	135-1	52093	52177	51532	51934	0.67	cps
Barium	137-1	91721	92065	88909	90898	1.90	cps
Beryllium	9-1	194	154	134	161	19.02	cps
Bismuth	209-1	9064126	9430411	9333509	9276015	2.05	cps
Bismuth	209-2	4133557	4490293	4129772	4251208	4.87	cps
Boron	10-1	85246	88020	86347	86538	1.61	cps
Boron	11-1	386888	396357	401636	394960	1.89	cps
Bromine	81-1	125040	130015	138924	131326	5.36	cps
Cadmium	111-1	1427	1485	1472	1461	2.11	cps
Cadmium	106-1	6927	7377	7127	7144	3.16	cps
Cadmium	108-1	54	75	58	63	17.64	cps
Calcium	43-1	16530598	16629649	16550236	16570161	0.32	cps
Calcium	44-1	271976827	272216818	262956276	269049974	1.96	cps
Carbon	12-1	21271578	23104239	23794636	22723484	5.74	cps
Carbon	12-2	231067	233011	240486	234855	2.12	cps
Chlorine	35-1	1726690	1761898	1748160	1745583	1.02	cps
Chlorine	35-2	10454	10446	10262	10387	1.04	cps
Chromium	52-2	1543	1560	1763	1622	7.55	cps
Cobalt	59-2	27574	26375	27149	27033	2.25	cps
Copper	63-2	4154	4231	4174	4186	0.95	cps
Dysprosium	156-1	175	158	175	169	5.68	cps
Dysprosium	156-2	40	63	33	46	34.58	cps
Erbium	164-1	258	225	158	214	23.80	cps
Erbium	164-2	70	87	93	83	14.42	cps
Gadolinium	160-1	225	225	267	239	10.07	cps
Gadolinium	160-2	160	120	140	140	14.29	cps
Holmium	165-1	17060135	17507193	17536314	17367881	1.54	cps
Holmium	165-2	6005600	6809983	6151895	6322493	6.78	cps
Indium	115-1	14967741	15150565	15438168	15185491	1.56	cps
Indium	115-2	2020637	2204021	2014924	2079861	5.17	cps
Iron	54-2	246103	241758	237001	241621	1.88	cps
Iron	56-2	4637229	4441633	4610563	4563142	2.32	cps
Iron	57-2	125500	117414	124063	122326	3.53	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:02:46	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13625	13705	13953	13761	1.24	cps
Lead	206-1	2034	2106	2056	2065	1.79	cps
Lead	207-1	1722	1656	1839	1739	5.34	cps
Lead	208-1	8051	8007	7801	7953	1.68	cps
Lithium	6-1	8901125	8597031	8720042	8739399	1.75	cps
Magnesium	24-2	51367602	52365483	51160219	51631102	1.25	cps
Manganese	55-2	5035096	4819080	4871705	4908627	2.29	cps
Molybdenum	94-1	6977	7919	7636	7511	6.44	cps
Molybdenum	95-1	12081	12331	11764	12058	2.36	cps
Molybdenum	96-1	12448	12356	12306	12370	0.58	cps
Molybdenum	97-1	6727	7169	7302	7066	4.26	cps
Molybdenum	98-1	17337	17445	17637	17473	0.87	cps
Neodymium	150-1	147	180	127	151	17.83	cps
Neodymium	150-2	53	33	33	40	28.87	cps
Nickel	60-2	3010	2724	2910	2881	5.05	cps
Phosphorus	31-2	292	242	292	275	10.50	cps
Potassium	39-2	483808	476440	471465	477238	1.30	cps
Rhodium	103-1	14116480	14218746	13890758	14075328	1.19	cps
Rhodium	103-2	5246378	5658552	5241898	5382276	4.45	cps
Scandium	45-1	12661471	12685428	12493629	12613509	0.83	cps
Scandium	45-2	316401	341051	315122	324191	4.51	cps
Selenium	82-1	46	478	382	302	75.04	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	114	119	121	118	3.06	cps
Silicon	28-1	129947049	125766444	125205978	126973157	2.04	cps
Silver	107-1	367	375	433	392	9.28	cps
Silver	109-1	192	233	217	214	9.81	cps
Sodium	23-2	12933979	13284051	13130740	13116257	1.34	cps
Strontium	86-1	25899963	27079906	26307703	26429191	2.27	cps
Strontium	88-1	228195972	228398338	228013180	228202497	0.08	cps
Sulfur	34-1	34030147	34907578	34155249	34364324	1.38	cps
Terbium	159-1	17051029	18662261	18116546	17943279	4.57	cps
Terbium	159-2	6087867	6722862	6301922	6370884	5.07	cps
Thallium	203-1	450	275	333	353	25.26	cps
Thallium	205-1	917	992	942	950	4.02	cps
Tin	118-1	7194	7477	7452	7374	2.13	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:02:46	DataFile Name :	141AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2709	2425	2817	2650	7.63	cps
Uranium	238-1	20367	20367	19657	20130	2.03	cps
Vanadium	51-2	337	377	307	340	10.33	cps
Ytterbium	172-1	150	125	183	153	19.16	cps
Ytterbium	172-2	78	50	22	50	55.56	cps
Ytterbium	176-1	2334	2334	2325	2331	0.21	cps
Ytterbium	176-2	7135	7363	7230	7243	1.58	cps
Yttrium	89-1	25013592	26411788	25613087	25679489	2.73	cps
Yttrium	89-2	2433682	2668961	2456654	2519766	5.15	cps
Zinc	66-2	1787	1590	1560	1646	7.48	cps
Zirconium	90-1	2992	2684	2684	2786	6.39	cps
Zirconium	91-1	575	625	608	603	4.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:05:41	DataFile Name :	142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	266	285	267	6.56	cps
Antimony	121-1	2034	1800	1825	1886	6.79	cps
Arsenic	75-2	5114	4954	5056	5042	1.61	cps
Barium	135-1	171332	178690	172265	174096	2.30	cps
Barium	137-1	305117	302404	300027	302516	0.84	cps
Beryllium	9-1	48	46	44	46	4.35	cps
Bismuth	209-1	9623063	9452067	9551920	9542350	0.90	cps
Bismuth	209-2	3990353	3868675	3937448	3932159	1.55	cps
Boron	10-1	74658	76581	78056	76432	2.23	cps
Boron	11-1	337729	350849	348328	345635	2.01	cps
Bromine	81-1	164783	183869	197662	182104	9.07	cps
Cadmium	111-1	1573	1538	1522	1544	1.69	cps
Cadmium	106-1	7686	7160	7436	7427	3.54	cps
Cadmium	108-1	50	33	75	53	39.74	cps
Calcium	43-1	16012117	16368796	16419340	16266751	1.36	cps
Calcium	44-1	255647895	264246184	265001690	261631923	1.99	cps
Carbon	12-1	22603924	24009088	25230751	23947921	5.49	cps
Carbon	12-2	239839	247876	254713	247476	3.01	cps
Chlorine	35-1	1915695	1978150	2011372	1968406	2.47	cps
Chlorine	35-2	12180	11897	12139	12072	1.27	cps
Chromium	52-2	1873	1877	1940	1897	1.98	cps
Cobalt	59-2	3307	3370	3307	3328	1.10	cps
Copper	63-2	4534	4167	4294	4332	4.30	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	133	100	142	125	17.64	cps
Erbium	164-2	40	67	43	50	29.06	cps
Gadolinium	160-1	142	92	67	100	38.19	cps
Gadolinium	160-2	110	117	97	108	9.45	cps
Holmium	165-1	18066595	17601647	17527633	17731958	1.65	cps
Holmium	165-2	6086654	6197040	6402740	6228811	2.58	cps
Indium	115-1	15890301	15728045	15932591	15850312	0.68	cps
Indium	115-2	2010872	2021303	2071826	2034667	1.60	cps
Iron	54-2	6763	6863	6396	6674	3.68	cps
Iron	56-2	115520	111271	113034	113275	1.88	cps
Iron	57-2	15447	16354	16387	16063	3.32	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:05:41	DataFile Name :	142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13911	13901	14050	13954	0.60	cps
Lead	206-1	1445	1495	1461	1467	1.74	cps
Lead	207-1	1211	1356	1300	1289	5.65	cps
Lead	208-1	5856	6178	5645	5893	4.56	cps
Lithium	6-1	8880320	8868134	8735295	8827916	0.91	cps
Magnesium	24-2	60229103	59753620	60220793	60067839	0.45	cps
Manganese	55-2	279153	282046	276582	279260	0.98	cps
Molybdenum	94-1	7436	7444	6944	7274	3.94	cps
Molybdenum	95-1	11230	10821	11547	11199	3.25	cps
Molybdenum	96-1	12256	12264	13040	12520	3.60	cps
Molybdenum	97-1	7119	6777	7119	7005	2.82	cps
Molybdenum	98-1	17770	17703	18213	17895	1.55	cps
Neodymium	150-1	40	33	33	36	10.83	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	2600	2614	2584	2599	0.58	cps
Phosphorus	31-2	183	242	150	192	24.21	cps
Potassium	39-2	462241	484978	477319	474846	2.44	cps
Rhodium	103-1	13905820	14243838	14364984	14171547	1.68	cps
Rhodium	103-2	5155836	5166198	5319032	5213689	1.75	cps
Scandium	45-1	12984521	12892608	13158341	13011824	1.04	cps
Scandium	45-2	316996	313434	315996	315476	0.58	cps
Selenium	82-1	46	517	259	274	85.98	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	115	114	95	108	10.43	cps
Silicon	28-1	119494919	119182003	121908253	120195058	1.24	cps
Silver	107-1	392	375	350	372	5.63	cps
Silver	109-1	192	150	267	203	29.16	cps
Sodium	23-2	20312233	19982631	20361340	20218734	1.02	cps
Strontium	86-1	26352780	26182448	26422180	26319136	0.47	cps
Strontium	88-1	225287430	229987630	232970322	229415127	1.69	cps
Sulfur	34-1	39225115	37445399	37935575	38202030	2.41	cps
Terbium	159-1	19026996	18257780	17970689	18418488	2.97	cps
Terbium	159-2	6110568	5834650	6142959	6029392	2.81	cps
Thallium	203-1	425	433	450	436	2.92	cps
Thallium	205-1	1067	975	883	975	9.40	cps
Tin	118-1	2634	2550	2500	2561	2.63	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:05:41	DataFile Name :	142AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2459	2575	2142	2392	9.38	cps
Uranium	238-1	27514	27389	29034	27979	3.27	cps
Vanadium	51-2	763	677	763	734	6.81	cps
Ytterbium	172-1	133	142	83	119	26.41	cps
Ytterbium	172-2	33	44	17	31	44.41	cps
Ytterbium	176-1	2267	2492	2134	2297	7.88	cps
Ytterbium	176-2	6457	6835	6946	6746	3.80	cps
Yttrium	89-1	26838175	27332605	26759327	26976703	1.15	cps
Yttrium	89-2	2421979	2386356	2414289	2407541	0.78	cps
Zinc	66-2	1513	1303	1440	1419	7.51	cps
Zirconium	90-1	2425	2700	2375	2500	7.00	cps
Zirconium	91-1	483	392	442	439	10.46	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:08:39	DataFile Name :	143AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141	125	100	122	17.02	cps
Antimony	121-1	67	33	83	61	41.67	cps
Arsenic	75-2	9248	8822	8949	9006	2.43	cps
Barium	135-1	4409	4468	4334	4404	1.52	cps
Barium	137-1	7586	7536	7627	7583	0.61	cps
Beryllium	9-1	40	42	64	49	27.37	cps
Bismuth	209-1	9872237	9844288	10016437	9910987	0.93	cps
Bismuth	209-2	4115344	4024533	4180963	4106946	1.91	cps
Boron	10-1	16324	15727	15503	15852	2.68	cps
Boron	11-1	73337	72348	70058	71914	2.34	cps
Bromine	81-1	102900	92758	94422	96693	5.63	cps
Cadmium	111-1	1520	1546	1553	1540	1.12	cps
Cadmium	106-1	7552	7519	7636	7569	0.79	cps
Cadmium	108-1	33	29	46	36	24.01	cps
Calcium	43-1	946199	941832	945601	944544	0.25	cps
Calcium	44-1	15205541	14809309	15244858	15086569	1.60	cps
Carbon	12-1	12299038	11940576	11940730	12060115	1.72	cps
Carbon	12-2	106528	106376	104422	105775	1.11	cps
Chlorine	35-1	1652742	1648971	1616234	1639316	1.22	cps
Chlorine	35-2	10212	9603	9812	9876	3.13	cps
Chromium	52-2	1667	1570	1557	1598	3.76	cps
Cobalt	59-2	103	123	153	127	19.87	cps
Copper	63-2	1127	1003	1040	1057	5.99	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	117	125	133	125	6.67	cps
Erbium	164-2	50	53	53	52	3.68	cps
Gadolinium	160-1	125	92	100	106	16.43	cps
Gadolinium	160-2	97	97	97	97	0.00	cps
Holmium	165-1	17212018	17369707	17146974	17242900	0.66	cps
Holmium	165-2	6147758	5907922	5994591	6016757	2.02	cps
Indium	115-1	16146614	15882386	15997647	16008882	0.83	cps
Indium	115-2	2036943	2051633	2027111	2038562	0.61	cps
Iron	54-2	89474	86914	87237	87875	1.59	cps
Iron	56-2	1682573	1641121	1684343	1669346	1.47	cps
Iron	57-2	41461	39801	40296	40519	2.10	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:08:39	DataFile Name :	143AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14043	14103	13870	14005	0.86	cps
Lead	206-1	1539	1511	1500	1517	1.32	cps
Lead	207-1	1206	1183	1256	1215	3.05	cps
Lead	208-1	5634	5545	5528	5569	1.02	cps
Lithium	6-1	8967794	8593504	8594444	8718581	2.48	cps
Magnesium	24-2	3167453	3008654	2922790	3032966	4.09	cps
Manganese	55-2	68192	69318	68055	68522	1.01	cps
Molybdenum	94-1	875	992	750	872	13.86	cps
Molybdenum	95-1	858	842	900	867	3.47	cps
Molybdenum	96-1	1567	1308	1417	1431	9.07	cps
Molybdenum	97-1	625	567	692	628	9.96	cps
Molybdenum	98-1	1417	1417	1208	1347	8.93	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	100	110	127	112	12.01	cps
Phosphorus	31-2	150	192	133	158	18.98	cps
Potassium	39-2	69652	69083	69877	69537	0.59	cps
Rhodium	103-1	14994038	14882015	14744490	14873515	0.84	cps
Rhodium	103-2	5576569	5471044	5432626	5493413	1.36	cps
Scandium	45-1	12756499	12408256	12921225	12695327	2.06	cps
Scandium	45-2	314453	307969	304459	308960	1.64	cps
Selenium	82-1	-48	-155	176	-9	-1928.60	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	116	114	113	114	1.34	cps
Silicon	28-1	7971729	7904683	7917046	7931153	0.45	cps
Silver	107-1	383	342	358	361	5.81	cps
Silver	109-1	225	275	225	242	11.94	cps
Sodium	23-2	556835	549350	543044	549743	1.26	cps
Strontium	86-1	2208299	2213484	2239007	2220264	0.74	cps
Strontium	88-1	18422419	18528686	18724014	18558373	0.82	cps
Sulfur	34-1	2457669	2493584	2428893	2460049	1.32	cps
Terbium	159-1	17937289	17304973	17472916	17571726	1.86	cps
Terbium	159-2	5925619	5967809	6100385	5997938	1.52	cps
Thallium	203-1	392	258	375	342	21.26	cps
Thallium	205-1	658	783	750	731	8.86	cps
Tin	118-1	1917	2275	2034	2075	8.81	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW7	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:08:39	DataFile Name :	143AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	675	725	683	694	3.86	cps
Uranium	238-1	83	117	200	133	45.07	cps
Vanadium	51-2	20	13	37	23	51.52	cps
Ytterbium	172-1	100	92	117	103	12.39	cps
Ytterbium	172-2	50	11	39	33	60.09	cps
Ytterbium	176-1	2575	2375	2267	2406	6.50	cps
Ytterbium	176-2	6580	6541	7158	6759	5.11	cps
Yttrium	89-1	25758297	26056054	26158830	25991060	0.80	cps
Yttrium	89-2	2391217	2336317	2431834	2386456	2.01	cps
Zinc	66-2	317	280	317	304	6.95	cps
Zirconium	90-1	1267	1492	1417	1392	8.23	cps
Zirconium	91-1	342	283	283	303	11.12	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2066-04DLX25 Instrumnet Name : P8
 Client Sample ID : YAZ45 Dilution Factor : 25
 Date & Time Acquired :: 2022-04-10 20:11:36 DataFile Name : 144AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	105	131	112	14.97	cps
Antimony	121-1	167	158	192	172	10.07	cps
Arsenic	75-2	235	202	210	216	7.98	cps
Barium	135-1	2617	2850	2592	2686	5.31	cps
Barium	137-1	4868	4601	4876	4782	3.27	cps
Beryllium	9-1	40	56	34	43	26.25	cps
Bismuth	209-1	9895182	9796795	9678882	9790286	1.11	cps
Bismuth	209-2	4053154	4082701	4109883	4081913	0.70	cps
Boron	10-1	9295	9471	9417	9395	0.96	cps
Boron	11-1	43366	40653	41158	41726	3.46	cps
Bromine	81-1	85576	84552	82222	84117	2.04	cps
Cadmium	111-1	1628	1436	1550	1538	6.27	cps
Cadmium	106-1	8061	7044	7686	7597	6.77	cps
Cadmium	108-1	38	21	29	29	28.58	cps
Calcium	43-1	725421	720996	721796	722737	0.33	cps
Calcium	44-1	11955005	11610867	11854061	11806644	1.50	cps
Carbon	12-1	10956076	11380628	11143376	11160027	1.91	cps
Carbon	12-2	103104	105638	100585	103109	2.45	cps
Chlorine	35-1	1577910	1582392	1585706	1582003	0.25	cps
Chlorine	35-2	9887	9445	8995	9442	4.73	cps
Chromium	52-2	1403	1393	1513	1437	4.63	cps
Cobalt	59-2	407	420	440	422	3.97	cps
Copper	63-2	1400	1243	1293	1312	6.10	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	150	158	108	139	19.29	cps
Erbium	164-2	33	23	30	29	17.63	cps
Gadolinium	160-1	108	100	100	103	4.68	cps
Gadolinium	160-2	77	87	57	73	20.83	cps
Holmium	165-1	16521968	17193152	17149561	16954894	2.22	cps
Holmium	165-2	5799291	5977154	5868079	5881508	1.52	cps
Indium	115-1	15779918	15657499	16040850	15826089	1.24	cps
Indium	115-2	2064880	2060764	2000819	2042154	1.76	cps
Iron	54-2	906	1006	906	939	6.15	cps
Iron	56-2	8414	8380	8091	8295	2.14	cps
Iron	57-2	806	778	794	793	1.76	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:11:36	DataFile Name :	144AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13868	14039	14055	13987	0.74	cps
Lead	206-1	1472	1278	1228	1326	9.74	cps
Lead	207-1	1067	1222	995	1095	10.64	cps
Lead	208-1	5050	5151	4889	5030	2.62	cps
Lithium	6-1	9010373	8754753	9009038	8924722	1.65	cps
Magnesium	24-2	2011614	1951556	1981579	1981583	1.52	cps
Manganese	55-2	14154	14367	14097	14206	1.00	cps
Molybdenum	94-1	825	808	817	817	1.02	cps
Molybdenum	95-1	950	833	750	844	11.90	cps
Molybdenum	96-1	1267	1167	1208	1214	4.14	cps
Molybdenum	97-1	567	492	533	531	7.08	cps
Molybdenum	98-1	1358	1400	1300	1353	3.71	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	373	383	483	413	14.72	cps
Phosphorus	31-2	42	133	142	106	52.56	cps
Potassium	39-2	68857	69828	67693	68793	1.55	cps
Rhodium	103-1	15655390	14852063	14950085	15152512	2.89	cps
Rhodium	103-2	5424312	5372819	5427217	5408116	0.57	cps
Scandium	45-1	12674537	11972044	12330377	12325653	2.85	cps
Scandium	45-2	298789	309110	303150	303683	1.71	cps
Selenium	82-1	154	-126	-186	-53	-342.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	121	119	122	121	1.27	cps
Silicon	28-1	3429774	3525180	3353441	3436132	2.50	cps
Silver	107-1	308	233	275	272	13.81	cps
Silver	109-1	225	217	175	206	13.03	cps
Sodium	23-2	321590	311565	305550	312902	2.59	cps
Strontium	86-1	2274067	2268326	2249173	2263856	0.58	cps
Strontium	88-1	19080436	18976420	19510731	19189196	1.48	cps
Sulfur	34-1	1841993	1876585	1837247	1851942	1.16	cps
Terbium	159-1	17205372	17316288	17487277	17336312	0.82	cps
Terbium	159-2	5939487	5775688	6014088	5909754	2.06	cps
Thallium	203-1	292	317	392	333	15.61	cps
Thallium	205-1	825	825	717	789	7.93	cps
Tin	118-1	1917	1784	2092	1931	8.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:11:36	DataFile Name :	144AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	550	450	542	514	10.80	cps
Uranium	238-1	800	825	600	742	16.63	cps
Vanadium	51-2	3	23	23	17	69.30	cps
Ytterbium	172-1	25	67	83	58	51.51	cps
Ytterbium	172-2	50	33	33	39	24.75	cps
Ytterbium	176-1	2509	2517	2359	2461	3.62	cps
Ytterbium	176-2	6746	7191	7358	7098	4.45	cps
Yttrium	89-1	25983720	25571837	25969198	25841585	0.90	cps
Yttrium	89-2	2373772	2323549	2324348	2340556	1.23	cps
Zinc	66-2	307	287	307	300	3.85	cps
Zirconium	90-1	1142	1075	942	1053	9.67	cps
Zirconium	91-1	242	192	217	217	11.54	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:14:35	DataFile Name :	145AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	130	162	147	11.12	cps
Antimony	121-1	100	167	125	131	25.80	cps
Arsenic	75-2	223	214	244	227	6.78	cps
Barium	135-1	2575	2734	2567	2625	3.58	cps
Barium	137-1	4909	4893	4943	4915	0.52	cps
Beryllium	9-1	26	60	26	37	52.59	cps
Bismuth	209-1	10111893	10112166	9914179	10046080	1.14	cps
Bismuth	209-2	4181278	4110751	3962639	4084889	2.73	cps
Boron	10-1	7743	7558	7705	7669	1.27	cps
Boron	11-1	35865	33552	34973	34797	3.35	cps
Bromine	81-1	83337	86298	85639	85091	1.83	cps
Cadmium	111-1	1649	1517	1619	1595	4.36	cps
Cadmium	106-1	8286	7427	7844	7852	5.47	cps
Cadmium	108-1	71	63	29	54	40.70	cps
Calcium	43-1	709386	709497	704811	707898	0.38	cps
Calcium	44-1	11156660	11710627	11548902	11472063	2.48	cps
Carbon	12-1	10369554	10745968	10682187	10599236	1.90	cps
Carbon	12-2	97382	96391	97785	97186	0.74	cps
Chlorine	35-1	1409820	1440610	1451929	1434120	1.52	cps
Chlorine	35-2	8936	8711	8628	8758	1.82	cps
Chromium	52-2	2037	2410	2204	2217	8.44	cps
Cobalt	59-2	400	430	500	443	11.58	cps
Copper	63-2	1520	1357	1433	1437	5.69	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	125	67	108	100	30.04	cps
Erbium	164-2	60	43	23	42	43.49	cps
Gadolinium	160-1	142	83	83	103	32.76	cps
Gadolinium	160-2	77	83	103	88	15.81	cps
Holmium	165-1	16859776	16069809	16872238	16600608	2.77	cps
Holmium	165-2	5963134	5921351	5878516	5921000	0.71	cps
Indium	115-1	15857137	15706914	15771150	15778400	0.48	cps
Indium	115-2	1984920	1937354	1963082	1961785	1.21	cps
Iron	54-2	1333	1367	1478	1393	5.43	cps
Iron	56-2	17428	17533	17695	17552	0.77	cps
Iron	57-2	994	989	1039	1007	2.72	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:14:35	DataFile Name :	145AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	15128	14780	14483	14797	2.18	cps
Lead	206-1	1461	1533	1461	1485	2.81	cps
Lead	207-1	1245	1172	1167	1195	3.63	cps
Lead	208-1	5712	5778	5823	5771	0.97	cps
Lithium	6-1	8877493	8651609	9181263	8903455	2.99	cps
Magnesium	24-2	1983788	1863747	1922675	1923403	3.12	cps
Manganese	55-2	15836	15939	15949	15908	0.40	cps
Molybdenum	94-1	867	842	742	817	8.10	cps
Molybdenum	95-1	1050	1000	875	975	9.24	cps
Molybdenum	96-1	1392	1350	1417	1386	2.43	cps
Molybdenum	97-1	658	508	550	572	13.53	cps
Molybdenum	98-1	1542	1483	1400	1475	4.83	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	753	773	637	721	10.24	cps
Phosphorus	31-2	92	92	125	103	18.73	cps
Potassium	39-2	68446	68354	67458	68086	0.80	cps
Rhodium	103-1	14264274	14457306	14863171	14528250	2.10	cps
Rhodium	103-2	5384895	5130405	5241355	5252218	2.43	cps
Scandium	45-1	12410446	12164754	12314575	12296592	1.01	cps
Scandium	45-2	302457	304821	300331	302537	0.74	cps
Selenium	82-1	-91	158	96	54	239.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	143	130	113	129	11.70	cps
Silicon	28-1	3319339	3299227	3469418	3362661	2.77	cps
Silver	107-1	300	333	325	319	5.43	cps
Silver	109-1	250	217	117	194	35.69	cps
Sodium	23-2	313679	297740	308106	306509	2.64	cps
Strontium	86-1	2234682	2259461	2226325	2240156	0.77	cps
Strontium	88-1	18235112	19702065	18692459	18876545	3.98	cps
Sulfur	34-1	1879141	1939218	1911410	1909923	1.57	cps
Terbium	159-1	17915076	17272788	17971433	17719766	2.19	cps
Terbium	159-2	5940473	5884286	5776145	5866968	1.42	cps
Thallium	203-1	383	333	367	361	7.05	cps
Thallium	205-1	767	900	775	814	9.18	cps
Tin	118-1	1942	1942	1750	1878	5.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-05DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:14:35	DataFile Name :	145AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	550	450	667	556	19.52	cps
Uranium	238-1	625	842	800	756	15.22	cps
Vanadium	51-2	7	27	33	22	62.43	cps
Ytterbium	172-1	83	67	92	81	15.80	cps
Ytterbium	172-2	67	22	17	35	77.89	cps
Ytterbium	176-1	2467	2509	2084	2353	9.96	cps
Ytterbium	176-2	6646	6730	6730	6702	0.72	cps
Yttrium	89-1	25578680	26079078	26137745	25931834	1.18	cps
Yttrium	89-2	2416819	2312513	2304523	2344618	2.67	cps
Zinc	66-2	480	383	467	443	11.82	cps
Zirconium	90-1	1125	1175	1183	1161	2.72	cps
Zirconium	91-1	233	183	258	225	16.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 20:17:31	DataFile Name :	146AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	92	95	96	3.99	cps
Antimony	121-1	33	67	58	53	32.87	cps
Arsenic	75-2	50	55	45	50	10.01	cps
Barium	135-1	733	567	592	631	14.25	cps
Barium	137-1	1017	983	975	992	2.22	cps
Beryllium	9-1	34	30	30	31	7.37	cps
Bismuth	209-1	9739372	9955379	9952252	9882335	1.25	cps
Bismuth	209-2	4176863	3780624	4110061	4022516	5.27	cps
Boron	10-1	4976	4990	5018	4995	0.43	cps
Boron	11-1	22159	21628	21818	21868	1.23	cps
Bromine	81-1	77387	78180	74504	76690	2.52	cps
Cadmium	111-1	1564	1476	1442	1494	4.21	cps
Cadmium	106-1	7661	7244	7210	7372	3.40	cps
Cadmium	108-1	38	50	29	39	26.96	cps
Calcium	43-1	145295	145914	145989	145733	0.26	cps
Calcium	44-1	2297143	2471439	2391056	2386546	3.66	cps
Carbon	12-1	10449481	10506430	10739281	10565064	1.45	cps
Carbon	12-2	98581	97080	94177	96612	2.32	cps
Chlorine	35-1	1446392	1446292	1414391	1435692	1.28	cps
Chlorine	35-2	8978	8569	8503	8683	2.96	cps
Chromium	52-2	1330	1427	1463	1407	4.90	cps
Cobalt	59-2	127	113	117	119	5.84	cps
Copper	63-2	1003	953	1020	992	3.50	cps
Dysprosium	156-1	42	8	33	28	62.46	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	125	100	108	111	11.46	cps
Erbium	164-2	27	47	50	41	30.69	cps
Gadolinium	160-1	67	83	67	72	13.33	cps
Gadolinium	160-2	90	100	83	91	9.21	cps
Holmium	165-1	16276770	16792869	16649523	16573054	1.61	cps
Holmium	165-2	5921203	5454592	5887751	5754516	4.52	cps
Indium	115-1	14975619	15819634	15946937	15580730	3.39	cps
Indium	115-2	1991735	1865760	1950509	1936001	3.32	cps
Iron	54-2	772	917	817	835	8.86	cps
Iron	56-2	6629	6418	5979	6342	5.23	cps
Iron	57-2	217	289	261	256	14.26	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 20:17:31	DataFile Name :	146AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13921	13920	13948	13930	0.11	cps
Lead	206-1	1167	1145	1195	1169	2.14	cps
Lead	207-1	989	1039	983	1004	3.05	cps
Lead	208-1	4745	4606	4623	4658	1.63	cps
Lithium	6-1	8658056	9428494	9189683	9092078	4.34	cps
Magnesium	24-2	385576	393341	394213	391044	1.22	cps
Manganese	55-2	2964	3174	2770	2969	6.80	cps
Molybdenum	94-1	458	558	517	511	9.83	cps
Molybdenum	95-1	233	158	250	214	22.83	cps
Molybdenum	96-1	425	650	525	533	21.14	cps
Molybdenum	97-1	192	125	117	144	28.46	cps
Molybdenum	98-1	383	233	342	319	24.24	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	160	163	113	146	19.20	cps
Phosphorus	31-2	133	133	142	136	3.53	cps
Potassium	39-2	27360	28504	28053	27972	2.06	cps
Rhodium	103-1	14479009	14646366	14834365	14653247	1.21	cps
Rhodium	103-2	5293881	5070073	5298554	5220836	2.50	cps
Scandium	45-1	12277439	12265790	12187280	12243503	0.40	cps
Scandium	45-2	299450	287013	293883	293449	2.12	cps
Selenium	82-1	-80	-118	-246	-148	-58.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	116	94	99	103	11.20	cps
Silicon	28-1	1349159	1287955	1370390	1335835	3.20	cps
Silver	107-1	267	308	292	289	7.26	cps
Silver	109-1	192	150	217	186	18.10	cps
Sodium	23-2	75379	79627	76729	77245	2.81	cps
Strontium	86-1	460634	468377	471772	466928	1.22	cps
Strontium	88-1	3961328	3966752	3809618	3912566	2.28	cps
Sulfur	34-1	846102	850941	839474	845506	0.68	cps
Terbium	159-1	17173386	17630723	18137290	17647133	2.73	cps
Terbium	159-2	5945838	5688442	5813280	5815853	2.21	cps
Thallium	203-1	375	408	383	389	4.46	cps
Thallium	205-1	767	1042	942	917	15.19	cps
Tin	118-1	1775	1725	1825	1775	2.82	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-04LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ45L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 20:17:31	DataFile Name :	146AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	517	383	442	447	14.95	cps
Uranium	238-1	167	233	217	206	16.88	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Ytterbium	172-1	108	83	75	89	19.52	cps
Ytterbium	172-2	17	28	28	24	26.64	cps
Ytterbium	176-1	2375	2459	2259	2364	4.25	cps
Ytterbium	176-2	6891	6313	7208	6804	6.67	cps
Yttrium	89-1	25768937	26315242	25118113	25734097	2.33	cps
Yttrium	89-2	2339097	2193924	2284466	2272496	3.23	cps
Zinc	66-2	283	213	320	272	19.91	cps
Zirconium	90-1	842	1142	1058	1014	15.27	cps
Zirconium	91-1	208	267	233	236	12.40	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:20:31	DataFile Name :	147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7789	7637	7796	7741	1.16	cps
Antimony	121-1	43838	43713	45677	44409	2.48	cps
Arsenic	75-2	693	721	705	706	1.99	cps
Barium	135-1	232743	232451	240760	235318	2.00	cps
Barium	137-1	407629	419984	407026	411546	1.78	cps
Beryllium	9-1	10122	9997	10138	10085	0.76	cps
Bismuth	209-1	10103137	9802912	10097586	10001212	1.72	cps
Bismuth	209-2	4191055	4127387	4108247	4142230	1.05	cps
Boron	10-1	5688	5820	5640	5716	1.63	cps
Boron	11-1	26321	26629	25597	26182	2.02	cps
Bromine	81-1	81754	79802	78281	79946	2.18	cps
Cadmium	111-1	8037	8476	8635	8382	3.69	cps
Cadmium	106-1	7944	8228	8111	8094	1.76	cps
Cadmium	108-1	529	525	563	539	3.81	cps
Calcium	43-1	681431	690722	691004	687719	0.79	cps
Calcium	44-1	10948976	10674277	11161977	10928410	2.24	cps
Carbon	12-1	10111168	10357816	10204412	10224466	1.22	cps
Carbon	12-2	93649	94546	93457	93884	0.62	cps
Chlorine	35-1	1580911	1617460	1651820	1616730	2.19	cps
Chlorine	35-2	9829	10362	10504	10232	3.48	cps
Chromium	52-2	26498	25249	26041	25929	2.44	cps
Cobalt	59-2	112475	113587	111897	112653	0.76	cps
Copper	63-2	43005	43477	43446	43309	0.61	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	23	7	3	11	96.43	cps
Erbium	164-1	117	58	133	103	38.32	cps
Erbium	164-2	57	47	37	47	21.43	cps
Gadolinium	160-1	158	83	75	106	43.48	cps
Gadolinium	160-2	93	103	83	93	10.72	cps
Holmium	165-1	16607686	16577154	17075835	16753559	1.67	cps
Holmium	165-2	5752946	5800750	5835514	5796403	0.72	cps
Indium	115-1	15372092	15459320	15570056	15467156	0.64	cps
Indium	115-2	1984213	1993061	1939031	1972102	1.47	cps
Iron	54-2	7163	7080	7269	7170	1.32	cps
Iron	56-2	113359	112190	109990	111846	1.53	cps
Iron	57-2	3056	3434	3278	3256	5.83	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:20:31	DataFile Name :	147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13213	13151	13572	13312	1.71	cps
Lead	206-1	8181	8203	8375	8253	1.29	cps
Lead	207-1	7513	7358	7575	7482	1.49	cps
Lead	208-1	33590	33807	33951	33783	0.54	cps
Lithium	6-1	8553033	8990988	8469492	8671171	3.23	cps
Magnesium	24-2	1927256	1808985	1926993	1887745	3.61	cps
Manganese	55-2	46563	45860	45760	46061	0.95	cps
Molybdenum	94-1	8778	8720	8695	8731	0.49	cps
Molybdenum	95-1	14074	14291	14466	14277	1.38	cps
Molybdenum	96-1	15150	15984	16252	15795	3.64	cps
Molybdenum	97-1	8895	9095	8886	8959	1.32	cps
Molybdenum	98-1	22661	22786	21793	22413	2.41	cps
Neodymium	150-1	60	27	27	38	50.93	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	31097	30640	30586	30774	0.91	cps
Phosphorus	31-2	92	92	158	114	33.80	cps
Potassium	39-2	66939	64712	66127	65926	1.71	cps
Rhodium	103-1	14178610	14933551	14030747	14380969	3.37	cps
Rhodium	103-2	5342014	5342276	5231903	5305398	1.20	cps
Scandium	45-1	11984380	11952451	12001123	11979318	0.21	cps
Scandium	45-2	307289	299314	296811	301138	1.82	cps
Selenium	82-1	1026	1245	1498	1256	18.79	cps
Selenium	77-2	20	20	23	21	9.11	cps
Selenium	78-2	211	217	214	214	1.40	cps
Silicon	28-1	3288741	3241967	3339321	3290010	1.48	cps
Silver	107-1	33592	35121	36148	34954	3.68	cps
Silver	109-1	33709	33241	35530	34160	3.54	cps
Sodium	23-2	314358	304124	297455	305312	2.79	cps
Strontium	86-1	2188590	2189073	2205757	2194473	0.45	cps
Strontium	88-1	18281474	18747680	17934207	18321120	2.23	cps
Sulfur	34-1	1801505	1868263	1877817	1849195	2.25	cps
Terbium	159-1	17434149	17700007	17787841	17640666	1.04	cps
Terbium	159-2	6014416	5909304	5809613	5911111	1.73	cps
Thallium	203-1	20283	21978	22771	21677	5.86	cps
Thallium	205-1	50827	52659	51713	51733	1.77	cps
Tin	118-1	1867	1617	2025	1836	11.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-06DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ45S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:20:31	DataFile Name :	147AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	550	550	508	536	4.49	cps
Uranium	238-1	700	867	792	786	10.62	cps
Vanadium	51-2	48462	48977	49067	48836	0.67	cps
Ytterbium	172-1	117	125	50	97	42.28	cps
Ytterbium	172-2	17	56	50	41	51.62	cps
Ytterbium	176-1	2367	2284	2409	2353	2.71	cps
Ytterbium	176-2	6235	6630	6807	6557	4.47	cps
Yttrium	89-1	25996201	25908277	25069495	25657991	1.99	cps
Yttrium	89-2	2392682	2301160	2337283	2343708	1.97	cps
Zinc	66-2	11138	11024	11001	11054	0.66	cps
Zirconium	90-1	1133	1167	1033	1111	6.25	cps
Zirconium	91-1	225	308	208	247	21.67	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:23:28	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119	140	121	127	9.17	cps
Antimony	121-1	175	275	242	231	22.08	cps
Arsenic	75-2	161	159	158	159	0.96	cps
Barium	135-1	3401	3467	3642	3503	3.56	cps
Barium	137-1	5885	5985	6043	5971	1.34	cps
Beryllium	9-1	46	36	48	43	14.84	cps
Bismuth	209-1	10138004	10207876	10019721	10121867	0.94	cps
Bismuth	209-2	4175838	4110041	4094627	4126835	1.05	cps
Boron	10-1	5200	5188	5454	5281	2.85	cps
Boron	11-1	23456	23350	23649	23485	0.64	cps
Bromine	81-1	74497	73369	71664	73177	1.95	cps
Cadmium	111-1	1448	1537	1579	1521	4.38	cps
Cadmium	106-1	7202	7702	7828	7577	4.37	cps
Cadmium	108-1	54	58	58	57	4.22	cps
Calcium	43-1	674148	691802	690322	685424	1.43	cps
Calcium	44-1	10594938	11174358	11271340	11013545	3.32	cps
Carbon	12-1	9632645	9806019	9866953	9768539	1.24	cps
Carbon	12-2	92483	90832	91703	91673	0.90	cps
Chlorine	35-1	1452913	1446816	1441292	1447007	0.40	cps
Chlorine	35-2	8945	8703	8936	8861	1.55	cps
Chromium	52-2	1823	1737	1703	1755	3.53	cps
Cobalt	59-2	1047	957	850	951	10.35	cps
Copper	63-2	1140	1133	987	1087	7.98	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	92	108	142	114	22.35	cps
Erbium	164-2	53	33	43	43	23.08	cps
Gadolinium	160-1	142	75	25	81	72.66	cps
Gadolinium	160-2	93	97	80	90	9.80	cps
Holmium	165-1	17113602	16153863	16594808	16620758	2.89	cps
Holmium	165-2	6046367	6056988	5906851	6003402	1.40	cps
Indium	115-1	15611738	15439674	15457207	15502873	0.61	cps
Indium	115-2	2017226	1985870	1962573	1988556	1.38	cps
Iron	54-2	1934	1967	2000	1967	1.69	cps
Iron	56-2	26970	26030	26725	26575	1.84	cps
Iron	57-2	1350	1145	1167	1220	9.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:23:28	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13605	13831	14154	13863	1.99	cps
Lead	206-1	1206	1272	1261	1246	2.87	cps
Lead	207-1	1167	1045	1045	1085	6.50	cps
Lead	208-1	5095	4778	4762	4878	3.85	cps
Lithium	6-1	8891202	8956537	8853965	8900568	0.58	cps
Magnesium	24-2	2216954	2186894	2326251	2243366	3.27	cps
Manganese	55-2	11508	11154	11161	11275	1.79	cps
Molybdenum	94-1	858	900	925	894	3.77	cps
Molybdenum	95-1	942	933	1108	995	9.93	cps
Molybdenum	96-1	1408	1617	1533	1520	6.90	cps
Molybdenum	97-1	583	692	717	664	10.68	cps
Molybdenum	98-1	1583	1759	1608	1650	5.74	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	573	543	607	574	5.51	cps
Phosphorus	31-2	175	158	150	161	7.90	cps
Potassium	39-2	63265	63373	64043	63560	0.66	cps
Rhodium	103-1	14079835	14696669	15030084	14602196	3.30	cps
Rhodium	103-2	5199068	5259278	5298449	5252265	0.95	cps
Scandium	45-1	12126159	12236317	12210002	12190826	0.47	cps
Scandium	45-2	302876	304346	302671	303298	0.30	cps
Selenium	82-1	114	-44	43	38	210.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	128	118	111	119	7.18	cps
Silicon	28-1	2904750	2929475	2819779	2884668	1.99	cps
Silver	107-1	633	633	542	603	8.78	cps
Silver	109-1	458	475	467	467	1.79	cps
Sodium	23-2	334306	332274	339266	335282	1.07	cps
Strontium	86-1	2098370	2215251	2161734	2158452	2.71	cps
Strontium	88-1	18009150	18692771	18635004	18445642	2.06	cps
Sulfur	34-1	1956462	1887290	1905238	1916330	1.87	cps
Terbium	159-1	17373333	18150545	17318156	17614011	2.64	cps
Terbium	159-2	6089308	6031479	5976094	6032294	0.94	cps
Thallium	203-1	425	492	533	483	11.31	cps
Thallium	205-1	1025	1067	1075	1056	2.54	cps
Tin	118-1	1750	1825	1742	1772	2.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ43	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:23:28	DataFile Name :	148AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	525	500	483	10.77	cps
Uranium	238-1	1033	1392	1258	1228	14.75	cps
Vanadium	51-2	30	20	20	23	24.74	cps
Ytterbium	172-1	117	92	67	92	27.27	cps
Ytterbium	172-2	39	22	78	46	61.58	cps
Ytterbium	176-1	2125	2234	2217	2192	2.66	cps
Ytterbium	176-2	6296	7130	6963	6796	6.49	cps
Yttrium	89-1	25040500	26177779	25440128	25552802	2.26	cps
Yttrium	89-2	2325780	2352531	2339247	2339186	0.57	cps
Zinc	66-2	350	350	323	341	4.51	cps
Zirconium	90-1	1242	1350	1217	1270	5.58	cps
Zirconium	91-1	183	275	267	242	20.98	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:26:26	DataFile Name :	149CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5022020	4968870	4981095	4990662	0.56	cps
Antimony	121-1	5349157	5498756	5173009	5340307	3.05	cps
Arsenic	75-2	150001	148328	150133	149487	0.67	cps
Barium	135-1	7832017	7722290	7288659	7614322	3.77	cps
Barium	137-1	12979711	13330823	12496329	12935621	3.24	cps
Beryllium	9-1	2598764	2698394	2650406	2649188	1.88	cps
Bismuth	209-1	8907828	8912088	8825486	8881801	0.55	cps
Bismuth	209-2	3756695	3715459	3849279	3773811	1.82	cps
Boron	10-1	518436	522939	544321	528565	2.62	cps
Boron	11-1	2042788	2169691	2312539	2175006	6.20	cps
Bromine	81-1	67484	71506	71801	70264	3.43	cps
Cadmium	111-1	1592257	1564353	1566057	1574223	0.99	cps
Cadmium	106-1	191791	189690	190149	190543	0.58	cps
Cadmium	108-1	130318	134201	131677	132065	1.49	cps
Calcium	43-1	12997259	12981198	13032720	13003726	0.20	cps
Calcium	44-1	216272719	208565607	211752436	212196921	1.83	cps
Carbon	12-1	12239893	12611971	12862345	12571403	2.49	cps
Carbon	12-2	127973	128216	127669	127953	0.21	cps
Chlorine	35-1	1260221	1243986	1244260	1249489	0.74	cps
Chlorine	35-2	8269	7444	7527	7747	5.87	cps
Chromium	52-2	1682498	1684332	1652234	1673021	1.08	cps
Cobalt	59-2	2889805	2788894	2836484	2838395	1.78	cps
Copper	63-2	21066456	21404915	21163029	21211466	0.82	cps
Dysprosium	156-1	967	967	1033	989	3.89	cps
Dysprosium	156-2	260	240	297	266	10.82	cps
Erbium	164-1	233	275	225	244	10.96	cps
Erbium	164-2	63	80	90	78	17.32	cps
Gadolinium	160-1	717	608	842	722	16.17	cps
Gadolinium	160-2	330	330	303	321	4.80	cps
Holmium	165-1	17317072	16567785	16846156	16910338	2.24	cps
Holmium	165-2	6122488	6174172	6086543	6127734	0.72	cps
Indium	115-1	15019120	14677683	14383855	14693553	2.16	cps
Indium	115-2	1938644	1881000	1936769	1918804	1.71	cps
Iron	54-2	17467465	17306492	17680669	17484875	1.07	cps
Iron	56-2	326512185	318975718	325266207	323584704	1.25	cps
Iron	57-2	8407612	8040313	7980999	8142975	2.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:26:26	DataFile Name :	149CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13268	13450	13577	13432	1.16	cps
Lead	206-1	21077482	20779253	20439232	20765322	1.54	cps
Lead	207-1	18087934	17974820	17588439	17883731	1.46	cps
Lead	208-1	82922184	83830232	82115204	82955873	1.03	cps
Lithium	6-1	8622280	8544676	8704224	8623727	0.93	cps
Magnesium	24-2	66636104	64349745	66844056	65943301	2.10	cps
Manganese	55-2	9044884	8954816	9101270	9033657	0.82	cps
Molybdenum	94-1	23131767	23662853	23911557	23568726	1.69	cps
Molybdenum	95-1	33306580	34140401	34600631	34015871	1.93	cps
Molybdenum	96-1	36079720	37428246	37791195	37099720	2.43	cps
Molybdenum	97-1	20101008	21001171	20638849	20580342	2.20	cps
Molybdenum	98-1	53999172	54659641	54208105	54288973	0.62	cps
Neodymium	150-1	660	587	687	644	8.04	cps
Neodymium	150-2	50	23	63	46	44.71	cps
Nickel	60-2	783768	748738	751297	761268	2.57	cps
Phosphorus	31-2	56210	55541	55876	55876	0.60	cps
Potassium	39-2	25514105	25162279	25651044	25442476	0.99	cps
Rhodium	103-1	12973576	13177545	12861109	13004077	1.23	cps
Rhodium	103-2	5091006	4987127	5078456	5052196	1.12	cps
Scandium	45-1	12409814	12339613	12368327	12372585	0.29	cps
Scandium	45-2	310628	310464	309163	310085	0.26	cps
Selenium	82-1	143304	144363	143367	143678	0.41	cps
Selenium	77-2	3797	3677	3721	3732	1.63	cps
Selenium	78-2	12544	12310	12369	12407	0.98	cps
Silicon	28-1	29794219	30952766	31218364	30655117	2.47	cps
Silver	107-1	8665836	8567299	8650175	8627770	0.61	cps
Silver	109-1	8120017	8256093	8169620	8181910	0.84	cps
Sodium	23-2	125450915	123141903	123845744	124146187	0.95	cps
Strontium	86-1	2448030	2480873	2441324	2456743	0.86	cps
Strontium	88-1	20459693	20902118	21114044	20825285	1.60	cps
Sulfur	34-1	1261645	1268672	1253362	1261226	0.61	cps
Terbium	159-1	17376162	17739337	17564268	17559922	1.03	cps
Terbium	159-2	5975674	5966660	5940728	5961021	0.30	cps
Thallium	203-1	5153166	5244930	5019919	5139338	2.20	cps
Thallium	205-1	12094371	12223753	11865707	12061277	1.50	cps
Tin	118-1	5288351	5410786	5233592	5310910	1.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P8
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:26:26	DataFile Name :	149CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11476046	11639309	11504368	11539908	0.76	cps
Uranium	238-1	16466685	16227796	16218068	16304183	0.86	cps
Vanadium	51-2	1326909	1336529	1290410	1317949	1.85	cps
Ytterbium	172-1	167	208	183	186	11.27	cps
Ytterbium	172-2	78	44	56	59	28.64	cps
Ytterbium	176-1	25033	25392	25467	25297	0.92	cps
Ytterbium	176-2	14319	15037	15298	14885	3.41	cps
Yttrium	89-1	25532281	25122110	25768558	25474316	1.28	cps
Yttrium	89-2	2433366	2419233	2378432	2410344	1.18	cps
Zinc	66-2	2592091	2607970	2662517	2620859	1.41	cps
Zirconium	90-1	12242158	12272282	12253720	12256053	0.12	cps
Zirconium	91-1	2826552	2801522	2813727	2813934	0.44	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:33:32	DataFile Name :	150CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195	212	245	217	11.66	cps
Antimony	121-1	725	808	1108	881	22.90	cps
Arsenic	75-2	10	6	10	9	26.65	cps
Barium	135-1	192	167	117	158	24.12	cps
Barium	137-1	250	258	233	247	5.15	cps
Beryllium	9-1	114	106	116	112	4.73	cps
Bismuth	209-1	9804163	9476556	9955927	9745549	2.51	cps
Bismuth	209-2	4140811	3988461	3997509	4042260	2.11	cps
Boron	10-1	14406	13942	13468	13939	3.37	cps
Boron	11-1	62474	61642	61956	62024	0.68	cps
Bromine	81-1	73756	76596	82353	77568	5.65	cps
Cadmium	111-1	1390	1407	1385	1394	0.87	cps
Cadmium	106-1	6660	6819	6627	6702	1.53	cps
Cadmium	108-1	108	104	58	90	30.74	cps
Calcium	43-1	457	467	416	447	6.08	cps
Calcium	44-1	18994	18515	18207	18572	2.14	cps
Carbon	12-1	9556265	9472449	9573810	9534174	0.57	cps
Carbon	12-2	90579	90211	88819	89870	1.03	cps
Chlorine	35-1	1269962	1246002	1219726	1245230	2.02	cps
Chlorine	35-2	7360	8036	7202	7533	5.88	cps
Chromium	52-2	1427	1370	1437	1411	2.55	cps
Cobalt	59-2	83	80	127	97	26.93	cps
Copper	63-2	1333	1310	1290	1311	1.65	cps
Dysprosium	156-1	33	42	17	31	41.66	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	117	183	100	133	33.07	cps
Erbium	164-2	50	57	33	47	25.76	cps
Gadolinium	160-1	50	125	108	94	41.70	cps
Gadolinium	160-2	103	83	107	98	12.91	cps
Holmium	165-1	16302002	16469549	16690474	16487342	1.18	cps
Holmium	165-2	5730743	5695961	5903600	5776768	1.93	cps
Indium	115-1	16384524	15641481	15745871	15923959	2.53	cps
Indium	115-2	1997443	2015752	1933928	1982374	2.17	cps
Iron	54-2	1017	972	1172	1054	9.97	cps
Iron	56-2	10732	11327	10865	10975	2.84	cps
Iron	57-2	306	356	328	330	7.60	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:33:32	DataFile Name :	150CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14235	14074	13594	13968	2.39	cps
Lead	206-1	1795	1717	1545	1685	7.59	cps
Lead	207-1	1439	1433	1533	1469	3.83	cps
Lead	208-1	6534	6590	6190	6438	3.37	cps
Lithium	6-1	8893320	8758865	8434708	8695631	2.71	cps
Magnesium	24-2	1458	1558	1275	1431	10.04	cps
Manganese	55-2	300	270	307	292	6.68	cps
Molybdenum	94-1	833	917	708	819	12.80	cps
Molybdenum	95-1	842	733	708	761	9.31	cps
Molybdenum	96-1	1142	1100	1083	1108	2.71	cps
Molybdenum	97-1	467	433	400	433	7.69	cps
Molybdenum	98-1	1358	1000	1008	1122	18.23	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	53	67	57	59	11.79	cps
Phosphorus	31-2	133	92	142	122	21.92	cps
Potassium	39-2	19939	19547	19121	19536	2.09	cps
Rhodium	103-1	15238913	14219191	14179191	14545765	4.13	cps
Rhodium	103-2	5410152	5441605	5186606	5346121	2.60	cps
Scandium	45-1	12153948	12377689	12323080	12284905	0.95	cps
Scandium	45-2	305353	308207	296066	303209	2.09	cps
Selenium	82-1	-365	-113	201	-92	-308.03	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	122	106	143	124	15.01	cps
Silicon	28-1	825334	804671	806079	812028	1.42	cps
Silver	107-1	742	667	608	672	9.94	cps
Silver	109-1	592	575	525	564	6.15	cps
Sodium	23-2	21374	21274	22000	21550	1.83	cps
Strontium	86-1	22894	22586	22636	22705	0.73	cps
Strontium	88-1	1842	1517	1500	1620	11.90	cps
Sulfur	34-1	415988	415735	423497	418407	1.05	cps
Terbium	159-1	17111591	16870973	16955616	16979393	0.72	cps
Terbium	159-2	5863263	5803244	5842496	5836334	0.52	cps
Thallium	203-1	842	850	925	872	5.26	cps
Thallium	205-1	1942	2017	2059	2006	2.95	cps
Tin	118-1	1967	1809	1792	1856	5.20	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P8
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 20:33:32	DataFile Name :	150CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	550	558	467	525	9.66	cps
Uranium	238-1	258	233	175	222	19.24	cps
Vanadium	51-2	20	13	27	20	33.35	cps
Ytterbium	172-1	83	67	117	89	28.64	cps
Ytterbium	172-2	22	33	39	31	26.96	cps
Ytterbium	176-1	1834	2250	2109	2064	10.27	cps
Ytterbium	176-2	6418	6657	6635	6570	2.01	cps
Yttrium	89-1	25801504	25926319	25678595	25802139	0.48	cps
Yttrium	89-2	2322667	2392449	2374953	2363356	1.54	cps
Zinc	66-2	287	257	167	237	26.39	cps
Zirconium	90-1	1767	1592	1650	1670	5.34	cps
Zirconium	91-1	350	267	367	328	16.34	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:36:32	DataFile Name :	151AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122	135	140	132	6.80	cps
Antimony	121-1	425	467	525	472	10.64	cps
Arsenic	75-2	180	179	191	183	3.63	cps
Barium	135-1	4017	3951	3842	3937	2.24	cps
Barium	137-1	6118	6452	6560	6377	3.61	cps
Beryllium	9-1	64	64	66	65	1.79	cps
Bismuth	209-1	9756572	10280993	10327822	10121795	3.13	cps
Bismuth	209-2	4193223	4162710	4127269	4161067	0.79	cps
Boron	10-1	14128	13698	13708	13845	1.77	cps
Boron	11-1	62305	61176	60879	61453	1.22	cps
Bromine	81-1	81355	82626	84234	82738	1.74	cps
Cadmium	111-1	1527	1456	1607	1530	4.94	cps
Cadmium	106-1	7377	7135	7711	7408	3.90	cps
Cadmium	108-1	46	42	50	46	9.09	cps
Calcium	43-1	809014	810963	811066	810348	0.14	cps
Calcium	44-1	13173231	12776167	13063600	13004333	1.58	cps
Carbon	12-1	9788409	9677465	10012069	9825981	1.73	cps
Carbon	12-2	91543	89875	91351	90923	1.00	cps
Chlorine	35-1	1189938	1201289	1220902	1204043	1.30	cps
Chlorine	35-2	7119	7494	7402	7338	2.67	cps
Chromium	52-2	1703	1747	1610	1687	4.14	cps
Cobalt	59-2	770	713	713	732	4.47	cps
Copper	63-2	1203	1263	1220	1229	2.52	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	200	158	125	161	23.33	cps
Erbium	164-2	70	40	37	49	37.55	cps
Gadolinium	160-1	58	92	83	78	22.31	cps
Gadolinium	160-2	77	97	97	90	12.83	cps
Holmium	165-1	16144295	16889983	16223411	16419229	2.49	cps
Holmium	165-2	5856867	5881323	5811907	5850032	0.60	cps
Indium	115-1	15325753	15417751	15793519	15512341	1.60	cps
Indium	115-2	2050266	1995114	2098556	2047978	2.53	cps
Iron	54-2	1245	1295	1222	1254	2.95	cps
Iron	56-2	13345	13490	13512	13449	0.67	cps
Iron	57-2	972	933	1100	1002	8.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:36:32	DataFile Name :	151AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14382	14871	14922	14725	2.03	cps
Lead	206-1	1561	1667	1517	1582	4.87	cps
Lead	207-1	1339	1106	1245	1230	9.55	cps
Lead	208-1	6195	5784	5967	5982	3.44	cps
Lithium	6-1	9065295	8347734	8675772	8696267	4.13	cps
Magnesium	24-2	2096900	2175672	2080910	2117827	2.40	cps
Manganese	55-2	110048	111849	107848	109915	1.82	cps
Molybdenum	94-1	683	792	817	764	9.28	cps
Molybdenum	95-1	483	475	508	489	3.55	cps
Molybdenum	96-1	875	783	833	831	5.53	cps
Molybdenum	97-1	375	250	317	314	19.93	cps
Molybdenum	98-1	958	783	708	817	15.71	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	463	397	377	412	11.01	cps
Phosphorus	31-2	167	175	133	158	13.92	cps
Potassium	39-2	61340	59574	61247	60720	1.64	cps
Rhodium	103-1	14932695	14612203	14631287	14725395	1.22	cps
Rhodium	103-2	5328239	5474667	5449673	5417527	1.45	cps
Scandium	45-1	12565164	12444704	12629149	12546339	0.75	cps
Scandium	45-2	312191	311721	311342	311751	0.14	cps
Selenium	82-1	46	-65	151	44	244.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	108	127	106	114	10.20	cps
Silicon	28-1	4413585	4431011	4544842	4463146	1.60	cps
Silver	107-1	667	475	400	514	26.76	cps
Silver	109-1	500	342	342	394	23.18	cps
Sodium	23-2	435072	436506	434972	435517	0.20	cps
Strontium	86-1	2113091	2237145	2132636	2160957	3.09	cps
Strontium	88-1	18239073	18345504	18192019	18258865	0.43	cps
Sulfur	34-1	1895052	1910524	1964204	1923260	1.89	cps
Terbium	159-1	18017996	18155296	17541693	17904995	1.80	cps
Terbium	159-2	5879377	6013321	6029143	5973947	1.38	cps
Thallium	203-1	725	567	808	700	17.54	cps
Thallium	205-1	1383	1650	1600	1545	9.18	cps
Tin	118-1	1884	1767	1967	1872	5.37	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ47	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:36:32	DataFile Name :	151AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	650	525	792	656	20.35	cps
Uranium	238-1	708	800	758	756	6.07	cps
Vanadium	51-2	30	27	23	27	12.51	cps
Ytterbium	172-1	75	67	108	83	26.46	cps
Ytterbium	172-2	28	67	11	35	81.03	cps
Ytterbium	176-1	2275	2350	2434	2353	3.37	cps
Ytterbium	176-2	6757	7158	7169	7028	3.33	cps
Yttrium	89-1	25910663	26792090	26061579	26254777	1.80	cps
Yttrium	89-2	2423294	2393681	2328810	2381928	2.03	cps
Zinc	66-2	293	230	227	250	15.03	cps
Zirconium	90-1	1342	1350	1375	1356	1.28	cps
Zirconium	91-1	192	217	225	211	8.22	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2066-11DLX25 Instrumnet Name : P8
 Client Sample ID : YAZ49 Dilution Factor : 25
 Date & Time Acquired :: 2022-04-10 20:39:32 DataFile Name : 152AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	157	109	132	18.50	cps
Antimony	121-1	225	250	333	269	21.05	cps
Arsenic	75-2	205	182	184	190	6.69	cps
Barium	135-1	4092	3642	3742	3826	6.18	cps
Barium	137-1	6794	6727	6585	6702	1.59	cps
Beryllium	9-1	74	68	72	71	4.28	cps
Bismuth	209-1	9901026	9987628	10241219	10043291	1.76	cps
Bismuth	209-2	4090961	4076492	4161192	4109548	1.10	cps
Boron	10-1	12159	12161	12149	12156	0.05	cps
Boron	11-1	55391	54447	53219	54352	2.00	cps
Bromine	81-1	79854	81406	84440	81900	2.85	cps
Cadmium	111-1	1600	1455	1561	1538	4.88	cps
Cadmium	106-1	8003	7052	7527	7527	6.31	cps
Cadmium	108-1	67	50	46	54	20.36	cps
Calcium	43-1	832629	826584	822936	827383	0.59	cps
Calcium	44-1	13078069	13495455	12748696	13107407	2.86	cps
Carbon	12-1	9773482	10198311	9889200	9953665	2.21	cps
Carbon	12-2	94864	91016	93229	93036	2.08	cps
Chlorine	35-1	1180831	1144046	1135718	1153532	2.08	cps
Chlorine	35-2	7085	7469	6860	7138	4.31	cps
Chromium	52-2	1683	1667	1583	1645	3.26	cps
Cobalt	59-2	743	777	760	760	2.19	cps
Copper	63-2	1153	1140	1120	1138	1.47	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	133	142	158	144	8.81	cps
Erbium	164-2	20	60	40	40	50.00	cps
Gadolinium	160-1	83	83	100	89	10.82	cps
Gadolinium	160-2	80	70	113	88	25.85	cps
Holmium	165-1	17534831	16352901	16292344	16726692	4.19	cps
Holmium	165-2	5796797	6082664	6005434	5961632	2.48	cps
Indium	115-1	16228130	16093357	15358483	15893323	2.95	cps
Indium	115-2	2031869	2032690	2063135	2042565	0.87	cps
Iron	54-2	1106	1167	1222	1165	5.01	cps
Iron	56-2	12333	12150	12411	12298	1.09	cps
Iron	57-2	1000	1028	872	967	8.58	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:39:32	DataFile Name :	152AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14326	14792	15074	14730	2.57	cps
Lead	206-1	1467	1583	1567	1539	4.10	cps
Lead	207-1	1283	1217	1083	1195	8.53	cps
Lead	208-1	5928	5945	5473	5782	4.64	cps
Lithium	6-1	9016300	9085035	8572794	8891376	3.13	cps
Magnesium	24-2	2116380	2228413	2137541	2160778	2.75	cps
Manganese	55-2	112428	113277	111465	112390	0.81	cps
Molybdenum	94-1	700	692	725	706	2.46	cps
Molybdenum	95-1	408	425	367	400	7.51	cps
Molybdenum	96-1	842	658	742	747	12.29	cps
Molybdenum	97-1	208	183	242	211	13.86	cps
Molybdenum	98-1	675	542	467	561	18.81	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	450	530	507	496	8.30	cps
Phosphorus	31-2	92	125	108	108	15.38	cps
Potassium	39-2	60378	61013	60820	60737	0.54	cps
Rhodium	103-1	15332861	15113831	14862760	15103151	1.56	cps
Rhodium	103-2	5553168	5529311	5523990	5535490	0.28	cps
Scandium	45-1	12955610	12953294	12123731	12677545	3.78	cps
Scandium	45-2	310325	314477	310679	311827	0.74	cps
Selenium	82-1	-3	85	-220	-46	-342.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	142	109	119	123	13.72	cps
Silicon	28-1	4529613	4603779	4397178	4510190	2.32	cps
Silver	107-1	442	492	308	414	22.90	cps
Silver	109-1	350	342	233	308	21.11	cps
Sodium	23-2	434531	456655	442153	444447	2.53	cps
Strontium	86-1	2272235	2246033	2149189	2222486	2.92	cps
Strontium	88-1	18769358	18710406	18190014	18556593	1.72	cps
Sulfur	34-1	1990758	1968848	1920292	1959966	1.84	cps
Terbium	159-1	17606480	17594784	16899930	17367065	2.33	cps
Terbium	159-2	6014690	6072063	6066954	6051236	0.52	cps
Thallium	203-1	617	617	642	625	2.31	cps
Thallium	205-1	1367	1517	1308	1397	7.69	cps
Tin	118-1	1683	1909	2067	1886	10.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ49	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:39:32	DataFile Name :	152AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	525	458	542	508	8.68	cps
Uranium	238-1	617	733	658	669	8.83	cps
Vanadium	51-2	13	13	7	11	34.61	cps
Ytterbium	172-1	100	67	142	103	36.56	cps
Ytterbium	172-2	56	39	50	48	17.63	cps
Ytterbium	176-1	2342	2392	2242	2325	3.29	cps
Ytterbium	176-2	6418	7130	7091	6880	5.81	cps
Yttrium	89-1	27092645	26252119	25714728	26353164	2.64	cps
Yttrium	89-2	2413340	2401687	2403472	2406166	0.26	cps
Zinc	66-2	330	310	330	323	3.57	cps
Zirconium	90-1	1433	1167	1275	1292	10.38	cps
Zirconium	91-1	225	342	308	292	20.60	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2066-12DLX25 Instrumnet Name : P8
 Client Sample ID : YAZ51 Dilution Factor : 25
 Date & Time Acquired :: 2022-04-10 20:42:28 DataFile Name : 153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191	175	167	178	6.82	cps
Antimony	121-1	258	417	308	328	24.69	cps
Arsenic	75-2	209	226	230	222	5.03	cps
Barium	135-1	2692	2725	3159	2859	9.11	cps
Barium	137-1	4543	4493	4376	4470	1.91	cps
Beryllium	9-1	52	52	54	53	2.19	cps
Bismuth	209-1	9441825	9876107	9674348	9664093	2.25	cps
Bismuth	209-2	4059817	4062852	4089344	4070671	0.40	cps
Boron	10-1	9627	9683	9765	9692	0.72	cps
Boron	11-1	43330	42777	43723	43277	1.10	cps
Bromine	81-1	75755	75929	78278	76654	1.84	cps
Cadmium	111-1	1512	1493	1463	1489	1.66	cps
Cadmium	106-1	7344	7344	7336	7341	0.07	cps
Cadmium	108-1	33	38	83	51	53.99	cps
Calcium	43-1	667850	662373	667329	665851	0.45	cps
Calcium	44-1	10724129	10529122	10819432	10690895	1.38	cps
Carbon	12-1	9921803	9952615	10133066	10002495	1.14	cps
Carbon	12-2	90404	93480	92408	92097	1.70	cps
Chlorine	35-1	1135450	1149521	1115061	1133344	1.53	cps
Chlorine	35-2	6610	6685	6877	6724	2.05	cps
Chromium	52-2	1607	1600	1423	1543	6.74	cps
Cobalt	59-2	470	380	437	429	10.61	cps
Copper	63-2	1220	1370	1360	1317	6.37	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	17	0	7	132.33	cps
Erbium	164-1	108	142	92	114	22.35	cps
Erbium	164-2	30	13	27	23	37.81	cps
Gadolinium	160-1	33	67	133	78	65.47	cps
Gadolinium	160-2	97	50	97	81	33.22	cps
Holmium	165-1	15791998	16758285	16574386	16374890	3.13	cps
Holmium	165-2	6044538	5966329	5735416	5915428	2.72	cps
Indium	115-1	14944291	15623407	15350599	15306099	2.23	cps
Indium	115-2	2050322	2021937	1971261	2014507	1.99	cps
Iron	54-2	1233	1195	1233	1220	1.84	cps
Iron	56-2	13740	14202	14280	14074	2.07	cps
Iron	57-2	844	1028	933	935	9.80	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:42:28	DataFile Name :	153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14220	14456	13861	14179	2.11	cps
Lead	206-1	1706	1417	1817	1646	12.54	cps
Lead	207-1	1400	1295	1233	1309	6.44	cps
Lead	208-1	6506	5945	6145	6199	4.59	cps
Lithium	6-1	8756412	8576602	8857554	8730190	1.63	cps
Magnesium	24-2	1828164	1836912	1750304	1805127	2.64	cps
Manganese	55-2	16570	16623	16366	16520	0.82	cps
Molybdenum	94-1	983	842	1058	961	11.45	cps
Molybdenum	95-1	892	917	1033	947	7.98	cps
Molybdenum	96-1	1417	1400	1375	1397	1.50	cps
Molybdenum	97-1	583	658	617	619	6.07	cps
Molybdenum	98-1	1675	1683	1508	1622	6.09	cps
Neodymium	150-1	27	7	33	22	62.43	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	423	383	383	397	5.82	cps
Phosphorus	31-2	183	100	133	139	30.20	cps
Potassium	39-2	63951	66119	64688	64919	1.70	cps
Rhodium	103-1	14337222	14689549	14912379	14646383	1.98	cps
Rhodium	103-2	5397620	5354563	5253187	5335123	1.39	cps
Scandium	45-1	11802939	12049234	12908636	12253603	4.74	cps
Scandium	45-2	299902	303448	303072	302141	0.64	cps
Selenium	82-1	-11	-289	45	-85	-210.18	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	109	130	105	115	11.71	cps
Silicon	28-1	3144344	3219848	3242446	3202213	1.60	cps
Silver	107-1	358	283	392	344	16.11	cps
Silver	109-1	225	275	258	253	10.07	cps
Sodium	23-2	294650	289402	291955	292002	0.90	cps
Strontium	86-1	2069322	2148163	2134239	2117241	1.99	cps
Strontium	88-1	17576323	18118869	17395277	17696823	2.13	cps
Sulfur	34-1	1760680	1812475	1765722	1779625	1.60	cps
Terbium	159-1	17402798	17116741	17249343	17256294	0.83	cps
Terbium	159-2	5907917	5987481	5859139	5918179	1.09	cps
Thallium	203-1	542	667	600	603	10.38	cps
Thallium	205-1	1550	1267	1567	1461	11.54	cps
Tin	118-1	2167	1909	1834	1970	8.88	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-12DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ51	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 20:42:28	DataFile Name :	153AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533	550	542	542	1.54	cps
Uranium	238-1	958	683	808	817	16.86	cps
Vanadium	51-2	23	13	30	22	37.76	cps
Ytterbium	172-1	100	83	117	100	16.66	cps
Ytterbium	172-2	56	33	67	52	32.74	cps
Ytterbium	176-1	2209	2275	2209	2231	1.73	cps
Ytterbium	176-2	6263	7108	6907	6759	6.53	cps
Yttrium	89-1	24413178	26746205	24885750	25348377	4.87	cps
Yttrium	89-2	2344058	2368561	2380408	2364342	0.78	cps
Zinc	66-2	460	540	463	488	9.28	cps
Zirconium	90-1	1067	1058	1108	1078	2.49	cps
Zirconium	91-1	258	267	258	261	1.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:45:28	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	147	171	160	7.45	cps
Antimony	121-1	325	200	458	328	39.41	cps
Arsenic	75-2	44	40	39	41	6.45	cps
Barium	135-1	6860	6452	6869	6727	3.54	cps
Barium	137-1	11764	12431	12273	12156	2.87	cps
Beryllium	9-1	66	50	44	53	21.33	cps
Bismuth	209-1	10248998	9662855	9891254	9934369	2.97	cps
Bismuth	209-2	4167401	4112407	4149464	4143091	0.68	cps
Boron	10-1	7813	7875	7360	7683	3.65	cps
Boron	11-1	35215	34610	34919	34915	0.87	cps
Bromine	81-1	83345	87223	87869	86146	2.84	cps
Cadmium	111-1	1578	1604	1410	1530	6.89	cps
Cadmium	106-1	7736	7936	7060	7577	6.05	cps
Cadmium	108-1	46	83	75	68	28.94	cps
Calcium	43-1	3974028	4114811	4067730	4052189	1.77	cps
Calcium	44-1	64672423	66646112	67085594	66134710	1.94	cps
Carbon	12-1	9008193	9311618	9222702	9180838	1.70	cps
Carbon	12-2	90563	91771	90320	90884	0.86	cps
Chlorine	35-1	1044767	1068804	1046938	1053503	1.26	cps
Chlorine	35-2	6268	6618	6618	6502	3.11	cps
Chromium	52-2	1563	1497	1680	1580	5.87	cps
Cobalt	59-2	220	273	270	254	11.74	cps
Copper	63-2	1233	1277	1063	1191	9.47	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	192	108	150	150	27.78	cps
Erbium	164-2	37	37	37	37	0.00	cps
Gadolinium	160-1	92	150	83	108	33.53	cps
Gadolinium	160-2	107	93	97	99	7.02	cps
Holmium	165-1	17396243	16976949	17557875	17310355	1.73	cps
Holmium	165-2	6006154	5796095	6032014	5944755	2.18	cps
Indium	115-1	16279430	15702487	15832836	15938251	1.90	cps
Indium	115-2	2029299	2071026	2019598	2039974	1.34	cps
Iron	54-2	950	878	894	907	4.17	cps
Iron	56-2	10326	10165	10982	10491	4.13	cps
Iron	57-2	3689	3523	3945	3719	5.72	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:45:28	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13818	13556	13690	13688	0.96	cps
Lead	206-1	1467	1361	1750	1526	13.18	cps
Lead	207-1	1395	1339	1500	1411	5.80	cps
Lead	208-1	5917	5867	6223	6002	3.21	cps
Lithium	6-1	9627001	9093538	8862354	9194298	4.27	cps
Magnesium	24-2	8269016	8502696	8067755	8279822	2.63	cps
Manganese	55-2	3530	3637	3380	3516	3.67	cps
Molybdenum	94-1	1650	1917	1692	1753	8.19	cps
Molybdenum	95-1	2442	2642	2350	2478	6.02	cps
Molybdenum	96-1	2867	2659	2742	2756	3.81	cps
Molybdenum	97-1	1383	1392	1542	1439	6.19	cps
Molybdenum	98-1	3801	3909	3826	3845	1.48	cps
Neodymium	150-1	40	7	33	27	66.13	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	467	483	573	508	11.30	cps
Phosphorus	31-2	117	133	258	169	45.70	cps
Potassium	39-2	36188	35452	37315	36318	2.58	cps
Rhodium	103-1	14855982	15137553	15080918	15024818	0.99	cps
Rhodium	103-2	5443267	5453384	5325228	5407293	1.32	cps
Scandium	45-1	13144138	12895036	12954838	12998004	1.00	cps
Scandium	45-2	309068	312632	313508	311736	0.75	cps
Selenium	82-1	9	121	34	55	108.23	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	113	137	121	124	9.88	cps
Silicon	28-1	36033436	34467681	33711191	34737436	3.41	cps
Silver	107-1	358	325	575	419	32.36	cps
Silver	109-1	200	175	283	219	25.85	cps
Sodium	23-2	2804330	2856302	2726718	2795783	2.33	cps
Strontium	86-1	1984667	1949317	1990044	1974676	1.12	cps
Strontium	88-1	16467994	16443177	17020942	16644038	1.96	cps
Sulfur	34-1	7978393	8213361	7944851	8045535	1.82	cps
Terbium	159-1	18098051	17817343	18029329	17981574	0.81	cps
Terbium	159-2	6328127	5976331	6144054	6149504	2.86	cps
Thallium	203-1	625	483	617	575	13.82	cps
Thallium	205-1	1433	1392	1417	1414	1.48	cps
Tin	118-1	2050	1792	1850	1897	7.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-07DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ09	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:45:28	DataFile Name :	154AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1233	1325	1317	1292	3.92	cps
Uranium	238-1	2825	2484	2600	2636	6.59	cps
Vanadium	51-2	393	377	353	374	5.37	cps
Ytterbium	172-1	92	142	108	114	22.35	cps
Ytterbium	172-2	50	44	22	39	37.80	cps
Ytterbium	176-1	2367	2175	2192	2245	4.73	cps
Ytterbium	176-2	6174	7208	6602	6661	7.80	cps
Yttrium	89-1	26787830	26179768	27013105	26660235	1.62	cps
Yttrium	89-2	2392815	2446383	2422712	2420637	1.11	cps
Zinc	66-2	310	437	403	383	17.13	cps
Zirconium	90-1	1517	1292	1258	1356	10.37	cps
Zirconium	91-1	308	308	275	297	6.48	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:48:22	DataFile Name :	155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	161	172	167	3.37	cps
Antimony	121-1	333	250	317	300	14.70	cps
Arsenic	75-2	34	31	44	36	18.73	cps
Barium	135-1	6602	6343	6543	6496	2.09	cps
Barium	137-1	11522	11372	11956	11616	2.61	cps
Beryllium	9-1	64	64	56	61	7.53	cps
Bismuth	209-1	10270732	9618196	10091625	9993518	3.37	cps
Bismuth	209-2	4060960	4121809	4018659	4067143	1.27	cps
Boron	10-1	6642	6670	6452	6588	1.80	cps
Boron	11-1	29296	29532	30915	29914	2.92	cps
Bromine	81-1	90932	91556	89066	90518	1.43	cps
Cadmium	111-1	1540	1508	1513	1520	1.10	cps
Cadmium	106-1	7711	7452	7344	7502	2.51	cps
Cadmium	108-1	75	46	79	67	27.25	cps
Calcium	43-1	4154755	4016542	4108037	4093111	1.72	cps
Calcium	44-1	66982322	66467899	64595904	66015375	1.90	cps
Carbon	12-1	9452568	10026393	10042475	9840479	3.41	cps
Carbon	12-2	94537	96988	95905	95810	1.28	cps
Chlorine	35-1	1115283	1092501	1080444	1096076	1.61	cps
Chlorine	35-2	7019	7119	7069	7069	0.71	cps
Chromium	52-2	1467	1343	1393	1401	4.43	cps
Cobalt	59-2	230	267	250	249	7.38	cps
Copper	63-2	970	1017	1020	1002	2.79	cps
Dysprosium	156-1	17	33	50	33	50.00	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	192	175	125	164	21.17	cps
Erbium	164-2	47	43	37	42	12.06	cps
Gadolinium	160-1	50	100	125	92	41.66	cps
Gadolinium	160-2	80	97	90	89	9.44	cps
Holmium	165-1	16993933	16790391	16905592	16896639	0.60	cps
Holmium	165-2	5998415	5810005	6178624	5995681	3.07	cps
Indium	115-1	15514082	15913245	15903931	15777086	1.44	cps
Indium	115-2	2019950	1991898	2060918	2024256	1.71	cps
Iron	54-2	739	839	822	800	6.70	cps
Iron	56-2	9665	9965	9931	9854	1.67	cps
Iron	57-2	3551	3417	4045	3671	9.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:48:22	DataFile Name :	155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13929	13924	13755	13869	0.71	cps
Lead	206-1	1772	1745	1767	1761	0.83	cps
Lead	207-1	1595	1528	1745	1622	6.84	cps
Lead	208-1	7312	7079	7662	7351	3.99	cps
Lithium	6-1	8818794	9238323	9111797	9056305	2.38	cps
Magnesium	24-2	8347512	8283839	8209585	8280312	0.83	cps
Manganese	55-2	3831	4187	3844	3954	5.11	cps
Molybdenum	94-1	1725	1742	1708	1725	0.97	cps
Molybdenum	95-1	2550	2725	2159	2478	11.71	cps
Molybdenum	96-1	3192	2859	2525	2859	11.66	cps
Molybdenum	97-1	1267	1500	1317	1361	9.03	cps
Molybdenum	98-1	3992	3917	4301	4070	4.99	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	447	450	480	459	4.00	cps
Phosphorus	31-2	258	167	175	200	25.35	cps
Potassium	39-2	36706	36514	36822	36681	0.42	cps
Rhodium	103-1	15067687	14647907	14614343	14776645	1.71	cps
Rhodium	103-2	5393437	5511738	5412795	5439323	1.17	cps
Scandium	45-1	12906292	12909745	12382994	12733010	2.38	cps
Scandium	45-2	312608	304794	314617	310673	1.67	cps
Selenium	82-1	-128	-134	218	-15	-1378.04	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	124	117	121	121	2.91	cps
Silicon	28-1	34504140	35189330	34126838	34606770	1.56	cps
Silver	107-1	175	375	267	272	36.78	cps
Silver	109-1	175	200	225	200	12.50	cps
Sodium	23-2	2762546	2799397	2725648	2762530	1.33	cps
Strontium	86-1	2036090	1954407	2040666	2010388	2.41	cps
Strontium	88-1	17187098	16412986	16375482	16658522	2.75	cps
Sulfur	34-1	8360272	8176885	8308191	8281783	1.14	cps
Terbium	159-1	18162784	17780678	17351211	17764891	2.29	cps
Terbium	159-2	6068614	6000912	5947462	6005663	1.01	cps
Thallium	203-1	517	500	417	478	11.21	cps
Thallium	205-1	1192	1300	1200	1231	4.90	cps
Tin	118-1	1892	1834	1842	1856	1.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-08DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ11	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 20:48:22	DataFile Name :	155AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1150	1275	1150	1192	6.06	cps
Uranium	238-1	2450	2559	2625	2545	3.47	cps
Vanadium	51-2	350	357	303	337	8.63	cps
Ytterbium	172-1	133	108	100	114	15.23	cps
Ytterbium	172-2	22	22	56	33	57.75	cps
Ytterbium	176-1	2417	2050	2250	2239	8.20	cps
Ytterbium	176-2	6713	6607	7230	6850	4.86	cps
Yttrium	89-1	26924276	26840444	25598267	26454329	2.81	cps
Yttrium	89-2	2350250	2392965	2369019	2370745	0.90	cps
Zinc	66-2	327	330	337	331	1.54	cps
Zirconium	90-1	1375	1458	1417	1417	2.94	cps
Zirconium	91-1	225	258	225	236	8.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:51:19	DataFile Name :	156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	124	107	115	7.26	cps
Antimony	121-1	200	300	175	225	29.40	cps
Arsenic	75-2	3285	3206	3186	3225	1.62	cps
Barium	135-1	4926	4568	4668	4720	3.92	cps
Barium	137-1	8445	8161	7252	7953	7.83	cps
Beryllium	9-1	68	52	44	55	22.36	cps
Bismuth	209-1	10515352	10097039	10012059	10208150	2.64	cps
Bismuth	209-2	4251451	4180884	4132078	4188138	1.43	cps
Boron	10-1	7665	7697	7981	7781	2.24	cps
Boron	11-1	35202	35494	35711	35469	0.72	cps
Bromine	81-1	81635	79653	78755	80014	1.84	cps
Cadmium	111-1	1658	1431	1469	1519	8.02	cps
Cadmium	106-1	8136	7235	7419	7597	6.26	cps
Cadmium	108-1	63	71	104	79	27.85	cps
Calcium	43-1	965745	952229	957076	958350	0.71	cps
Calcium	44-1	15689349	15674118	15161444	15508304	1.94	cps
Carbon	12-1	8091997	8293857	7833685	8073179	2.86	cps
Carbon	12-2	76031	75512	74472	75338	1.05	cps
Chlorine	35-1	1066617	1069859	1072213	1069563	0.26	cps
Chlorine	35-2	6869	6818	6702	6796	1.26	cps
Chromium	52-2	1247	1137	1080	1155	7.34	cps
Cobalt	59-2	733	857	637	742	14.86	cps
Copper	63-2	1187	1003	950	1047	11.86	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	183	108	175	156	26.43	cps
Erbium	164-2	43	37	27	36	23.58	cps
Gadolinium	160-1	108	133	67	103	32.77	cps
Gadolinium	160-2	70	87	120	92	27.61	cps
Holmium	165-1	17437175	17598880	17176928	17404328	1.22	cps
Holmium	165-2	5979278	5862741	6025845	5955955	1.41	cps
Indium	115-1	16352586	16352575	16206832	16303998	0.52	cps
Indium	115-2	2050454	2037279	2059092	2048942	0.54	cps
Iron	54-2	49899	49581	49726	49735	0.32	cps
Iron	56-2	895943	889327	905265	896845	0.89	cps
Iron	57-2	23909	23319	23253	23494	1.54	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:51:19	DataFile Name :	156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13854	13662	13607	13708	0.94	cps
Lead	206-1	1228	1406	1450	1361	8.64	cps
Lead	207-1	1161	1172	1095	1143	3.68	cps
Lead	208-1	5139	5434	5356	5310	2.87	cps
Lithium	6-1	9308071	8615363	8758771	8894068	4.11	cps
Magnesium	24-2	2679884	2639356	2656991	2658744	0.76	cps
Manganese	55-2	31886	32263	30887	31679	2.24	cps
Molybdenum	94-1	1625	1583	1458	1556	5.58	cps
Molybdenum	95-1	1984	1884	1967	1945	2.76	cps
Molybdenum	96-1	2542	2384	2625	2517	4.88	cps
Molybdenum	97-1	1617	1567	1408	1531	7.11	cps
Molybdenum	98-1	3184	3476	3484	3381	5.05	cps
Neodymium	150-1	20	27	27	24	15.75	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	570	580	630	593	5.42	cps
Phosphorus	31-2	100	117	183	133	33.07	cps
Potassium	39-2	49009	46542	49703	48418	3.43	cps
Rhodium	103-1	15293940	15523445	14758662	15192016	2.58	cps
Rhodium	103-2	5465181	5611364	5293846	5456797	2.91	cps
Scandium	45-1	13387641	13294534	12729286	13137154	2.71	cps
Scandium	45-2	319082	308321	317863	315088	1.87	cps
Selenium	82-1	-398	75	-158	-160	-147.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	112	94	110	105	9.37	cps
Silicon	28-1	7201249	7320073	7086450	7202591	1.62	cps
Silver	107-1	317	333	325	325	2.56	cps
Silver	109-1	167	175	242	194	21.14	cps
Sodium	23-2	929231	946139	931279	935550	0.99	cps
Strontium	86-1	2097292	2009262	2094690	2067081	2.42	cps
Strontium	88-1	17492900	17552410	17437942	17494418	0.33	cps
Sulfur	34-1	2253808	2278743	2296844	2276465	0.95	cps
Terbium	159-1	18064144	17684142	17394602	17714296	1.90	cps
Terbium	159-2	6121517	5978211	5937024	6012251	1.61	cps
Thallium	203-1	392	433	425	417	5.29	cps
Thallium	205-1	1058	1233	1075	1122	8.61	cps
Tin	118-1	1817	1600	1742	1720	6.40	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-17DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ39	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:51:19	DataFile Name :	156AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	567	600	492	553	10.04	cps
Uranium	238-1	3292	2925	3192	3137	6.04	cps
Vanadium	51-2	7	13	17	12	41.65	cps
Ytterbium	172-1	125	108	158	131	19.50	cps
Ytterbium	172-2	44	17	17	26	61.85	cps
Ytterbium	176-1	2517	2267	2367	2384	5.28	cps
Ytterbium	176-2	6190	7274	7030	6832	8.32	cps
Yttrium	89-1	27180453	27138727	26511602	26943594	1.39	cps
Yttrium	89-2	2468223	2400056	2412341	2426873	1.50	cps
Zinc	66-2	257	257	257	257	0.00	cps
Zirconium	90-1	1058	1225	1133	1139	7.33	cps
Zirconium	91-1	192	292	275	253	21.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:54:16	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	151	122	141	11.50	cps
Antimony	121-1	108	175	192	158	27.85	cps
Arsenic	75-2	311	300	324	312	3.86	cps
Barium	135-1	6210	6052	6260	6174	1.76	cps
Barium	137-1	10379	11288	10571	10746	4.46	cps
Beryllium	9-1	44	24	30	33	31.41	cps
Bismuth	209-1	9973145	10135210	10040770	10049708	0.81	cps
Bismuth	209-2	3990492	4172782	4087787	4083687	2.23	cps
Boron	10-1	7595	8021	8075	7897	3.33	cps
Boron	11-1	34230	34901	35601	34910	1.96	cps
Bromine	81-1	79309	79770	78523	79201	0.80	cps
Cadmium	111-1	1551	1606	1620	1592	2.28	cps
Cadmium	106-1	7594	7836	8103	7844	3.24	cps
Cadmium	108-1	67	46	54	56	18.88	cps
Calcium	43-1	1095878	1093835	1108097	1099270	0.70	cps
Calcium	44-1	18081691	18115916	17872384	18023330	0.73	cps
Carbon	12-1	7954641	8026198	8036993	8005944	0.56	cps
Carbon	12-2	74372	74691	74665	74576	0.24	cps
Chlorine	35-1	1040855	1002308	1020143	1021102	1.89	cps
Chlorine	35-2	6527	6302	6860	6563	4.28	cps
Chromium	52-2	1347	1247	1333	1309	4.15	cps
Cobalt	59-2	2794	2934	2844	2857	2.48	cps
Copper	63-2	1093	1267	1133	1165	7.79	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	167	158	167	164	2.94	cps
Erbium	164-2	30	30	50	37	31.49	cps
Gadolinium	160-1	117	75	108	100	22.05	cps
Gadolinium	160-2	117	100	77	98	20.55	cps
Holmium	165-1	17033130	16798513	17338886	17056843	1.59	cps
Holmium	165-2	5879753	6035672	6016997	5977474	1.42	cps
Indium	115-1	16239051	16147712	15874457	16087073	1.18	cps
Indium	115-2	1969599	2041467	2027069	2012712	1.89	cps
Iron	54-2	8814	8664	8636	8705	1.10	cps
Iron	56-2	150863	152408	154508	152593	1.20	cps
Iron	57-2	5023	4868	4884	4925	1.73	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:54:16	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14100	13686	13776	13854	1.57	cps
Lead	206-1	1633	1439	1406	1493	8.24	cps
Lead	207-1	1222	1345	1306	1291	4.84	cps
Lead	208-1	6162	6045	6162	6123	1.10	cps
Lithium	6-1	9057772	8758572	8782204	8866183	1.88	cps
Magnesium	24-2	2688256	2647037	2643021	2659438	0.94	cps
Manganese	55-2	217565	214126	214995	215562	0.83	cps
Molybdenum	94-1	708	700	500	636	18.54	cps
Molybdenum	95-1	492	600	600	564	11.09	cps
Molybdenum	96-1	783	858	958	867	10.13	cps
Molybdenum	97-1	350	375	367	364	3.50	cps
Molybdenum	98-1	767	825	792	794	3.68	cps
Neodymium	150-1	33	33	0	22	86.60	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	830	723	670	741	10.99	cps
Phosphorus	31-2	100	83	92	92	9.09	cps
Potassium	39-2	57658	58469	56963	57697	1.31	cps
Rhodium	103-1	15641047	14563218	14846191	15016819	3.72	cps
Rhodium	103-2	5329919	5424014	5534282	5429405	1.88	cps
Scandium	45-1	12819375	12421238	12667800	12636138	1.59	cps
Scandium	45-2	306520	308522	307075	307372	0.34	cps
Selenium	82-1	-224	103	-16	-46	-360.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	105	111	117	111	5.40	cps
Silicon	28-1	6041993	6192473	5932407	6055624	2.16	cps
Silver	107-1	292	250	250	264	9.12	cps
Silver	109-1	192	175	183	183	4.54	cps
Sodium	23-2	733577	725774	724334	727895	0.68	cps
Strontium	86-1	2445217	2499503	2504933	2483218	1.33	cps
Strontium	88-1	20929679	20846667	20945078	20907141	0.25	cps
Sulfur	34-1	2558550	2482054	2473660	2504755	1.87	cps
Terbium	159-1	17224284	18474246	17867515	17855348	3.50	cps
Terbium	159-2	5811967	5998905	5923995	5911622	1.59	cps
Thallium	203-1	483	458	575	506	12.15	cps
Thallium	205-1	1117	1217	1375	1236	10.54	cps
Tin	118-1	2134	1959	1809	1967	8.27	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-18DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ57	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:54:16	DataFile Name :	157AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	500	558	558	539	6.25	cps
Uranium	238-1	1000	1183	925	1036	12.83	cps
Vanadium	51-2	0	13	10	8	89.21	cps
Ytterbium	172-1	117	125	167	136	19.68	cps
Ytterbium	172-2	28	67	50	48	40.52	cps
Ytterbium	176-1	2259	2717	2300	2425	10.45	cps
Ytterbium	176-2	6535	6830	6963	6776	3.23	cps
Yttrium	89-1	25652313	26328053	26654118	26211495	1.95	cps
Yttrium	89-2	2418633	2382810	2377683	2393042	0.93	cps
Zinc	66-2	467	490	463	473	3.07	cps
Zirconium	90-1	1142	1142	1192	1158	2.49	cps
Zirconium	91-1	183	208	317	236	30.02	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:57:16	DataFile Name :	158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101	80	101	94	13.03	cps
Antimony	121-1	92	92	125	103	18.73	cps
Arsenic	75-2	4698	4568	4493	4587	2.26	cps
Barium	135-1	5768	5501	5526	5599	2.63	cps
Barium	137-1	10162	9287	9570	9673	4.62	cps
Beryllium	9-1	62	50	40	51	21.74	cps
Bismuth	209-1	9858985	9556318	10234809	9883371	3.44	cps
Bismuth	209-2	4299054	4183821	4278238	4253704	1.44	cps
Boron	10-1	7861	7855	8205	7973	2.51	cps
Boron	11-1	33346	35446	34839	34544	3.13	cps
Bromine	81-1	76369	75818	80321	77502	3.17	cps
Cadmium	111-1	1412	1470	1533	1472	4.11	cps
Cadmium	106-1	7060	7519	7577	7386	3.83	cps
Cadmium	108-1	54	83	71	69	21.07	cps
Calcium	43-1	953540	942791	940358	945563	0.74	cps
Calcium	44-1	15854727	15126512	14822551	15267930	3.47	cps
Carbon	12-1	7970023	7983152	8144943	8032706	1.21	cps
Carbon	12-2	75536	72822	74816	74392	1.89	cps
Chlorine	35-1	1021574	994989	1002713	1006426	1.36	cps
Chlorine	35-2	5826	6051	6160	6013	2.83	cps
Chromium	52-2	1153	1310	1347	1270	8.09	cps
Cobalt	59-2	167	110	167	148	22.14	cps
Copper	63-2	1023	1060	853	979	11.26	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	150	58	108	106	43.48	cps
Erbium	164-2	63	67	43	58	21.85	cps
Gadolinium	160-1	75	83	33	64	41.93	cps
Gadolinium	160-2	100	83	83	89	10.83	cps
Holmium	165-1	16839355	16692065	17205344	16912255	1.56	cps
Holmium	165-2	5820237	6151304	5877056	5949533	2.98	cps
Indium	115-1	14906904	15544518	16430356	15627259	4.90	cps
Indium	115-2	2095225	2055972	1993201	2048133	2.51	cps
Iron	54-2	93527	93002	89704	92077	2.25	cps
Iron	56-2	1797355	1733122	1710585	1747021	2.58	cps
Iron	57-2	42085	41789	41511	41795	0.69	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:57:16	DataFile Name :	158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14133	14089	14094	14105	0.17	cps
Lead	206-1	1395	1389	1272	1352	5.11	cps
Lead	207-1	1156	1128	1150	1145	1.28	cps
Lead	208-1	5423	5228	5184	5278	2.41	cps
Lithium	6-1	9002611	8752458	9387282	9047450	3.53	cps
Magnesium	24-2	3049772	3052571	3098132	3066825	0.89	cps
Manganese	55-2	264863	270115	261220	265399	1.68	cps
Molybdenum	94-1	492	558	550	533	6.81	cps
Molybdenum	95-1	217	125	217	186	28.44	cps
Molybdenum	96-1	683	633	658	658	3.80	cps
Molybdenum	97-1	42	108	117	89	46.24	cps
Molybdenum	98-1	283	267	233	261	9.75	cps
Neodymium	150-1	33	7	0	13	132.27	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	140	150	140	143	4.03	cps
Phosphorus	31-2	167	317	250	244	30.75	cps
Potassium	39-2	53943	53893	54662	54166	0.79	cps
Rhodium	103-1	14148486	14136420	15050023	14444976	3.63	cps
Rhodium	103-2	5463711	5367463	5370018	5400397	1.02	cps
Scandium	45-1	12511819	12244064	13141584	12632489	3.65	cps
Scandium	45-2	310127	309793	306867	308929	0.58	cps
Selenium	82-1	-111	-220	-279	-204	-41.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	101	99	124	108	12.86	cps
Silicon	28-1	7951747	7648403	7484862	7695004	3.08	cps
Silver	107-1	258	283	200	247	17.30	cps
Silver	109-1	125	192	183	167	21.80	cps
Sodium	23-2	755355	734151	763339	750948	2.01	cps
Strontium	86-1	1739401	1654372	1670490	1688088	2.68	cps
Strontium	88-1	14539535	13877360	13859988	14092294	2.75	cps
Sulfur	34-1	2410141	2350870	2378331	2379781	1.25	cps
Terbium	159-1	17312952	17325191	18340355	17659499	3.34	cps
Terbium	159-2	6045074	5949105	6108798	6034325	1.33	cps
Thallium	203-1	542	517	450	503	9.43	cps
Thallium	205-1	1242	1175	1217	1211	2.78	cps
Tin	118-1	1717	1725	1542	1661	6.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-19DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ07	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 20:57:16	DataFile Name :	158AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	592	658	658	636	6.05	cps
Uranium	238-1	67	108	50	75	40.06	cps
Vanadium	51-2	3	17	3	8	99.04	cps
Ytterbium	172-1	100	100	75	92	15.75	cps
Ytterbium	172-2	50	44	33	43	19.93	cps
Ytterbium	176-1	2275	2400	2242	2306	3.62	cps
Ytterbium	176-2	6329	7525	6746	6867	8.83	cps
Yttrium	89-1	25071470	26229899	27315630	26205666	4.28	cps
Yttrium	89-2	2404085	2439125	2379764	2407658	1.24	cps
Zinc	66-2	267	227	247	247	8.11	cps
Zirconium	90-1	1108	1025	1233	1122	9.35	cps
Zirconium	91-1	192	283	242	239	19.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:00:12	DataFile Name :	159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111	115	104	110	5.21	cps
Antimony	121-1	117	100	133	117	14.29	cps
Arsenic	75-2	60	52	47	53	12.38	cps
Barium	135-1	2342	2800	2634	2592	8.95	cps
Barium	137-1	4543	4943	4576	4687	4.74	cps
Beryllium	9-1	66	44	54	55	20.15	cps
Bismuth	209-1	10421831	10110701	10505346	10345959	2.01	cps
Bismuth	209-2	4282733	4261957	4165016	4236569	1.48	cps
Boron	10-1	6728	6992	6722	6814	2.26	cps
Boron	11-1	28799	30366	30941	30035	3.69	cps
Bromine	81-1	76737	77839	76742	77106	0.82	cps
Cadmium	111-1	1584	1641	1400	1542	8.15	cps
Cadmium	106-1	7861	8144	7060	7688	7.31	cps
Cadmium	108-1	54	67	58	60	10.66	cps
Calcium	43-1	819464	812967	814504	815645	0.42	cps
Calcium	44-1	14142412	12964870	13511941	13539741	4.35	cps
Carbon	12-1	7937616	7950721	8080348	7989562	0.99	cps
Carbon	12-2	75219	76141	73108	74823	2.08	cps
Chlorine	35-1	988130	971321	961801	973751	1.37	cps
Chlorine	35-2	5935	6310	5735	5993	4.87	cps
Chromium	52-2	1197	1183	1107	1162	4.18	cps
Cobalt	59-2	1427	1440	1393	1420	1.69	cps
Copper	63-2	1107	1147	1277	1177	7.55	cps
Dysprosium	156-1	42	58	50	50	16.66	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	108	108	158	125	23.09	cps
Erbium	164-2	43	27	43	38	25.46	cps
Gadolinium	160-1	117	150	125	131	13.29	cps
Gadolinium	160-2	97	130	97	108	17.85	cps
Holmium	165-1	16867698	17415397	16996068	17093054	1.68	cps
Holmium	165-2	6060442	6012657	6034121	6035740	0.40	cps
Indium	115-1	15870267	15958122	15052528	15626972	3.20	cps
Indium	115-2	2028132	2076637	2001476	2035415	1.87	cps
Iron	54-2	13184	13028	12734	12982	1.76	cps
Iron	56-2	232912	230390	225591	229631	1.62	cps
Iron	57-2	6624	6318	6457	6466	2.37	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:00:12	DataFile Name :	159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13422	13509	14063	13665	2.54	cps
Lead	206-1	1517	1328	1356	1400	7.28	cps
Lead	207-1	1222	1322	1250	1265	4.08	cps
Lead	208-1	5901	5712	5478	5697	3.71	cps
Lithium	6-1	9017071	9390120	8919509	9108900	2.73	cps
Magnesium	24-2	2658258	2682771	2614454	2651828	1.31	cps
Manganese	55-2	240818	238776	240443	240012	0.45	cps
Molybdenum	94-1	700	742	542	661	15.96	cps
Molybdenum	95-1	658	692	675	675	2.47	cps
Molybdenum	96-1	1175	1075	1050	1100	6.01	cps
Molybdenum	97-1	350	400	408	386	8.17	cps
Molybdenum	98-1	933	1058	933	975	7.40	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	200	233	243	226	10.06	cps
Phosphorus	31-2	133	117	92	114	18.41	cps
Potassium	39-2	41619	42129	41861	41870	0.61	cps
Rhodium	103-1	14840818	15244818	14452000	14845878	2.67	cps
Rhodium	103-2	5490193	5409819	5360812	5420275	1.21	cps
Scandium	45-1	12908846	12431947	12663954	12668249	1.88	cps
Scandium	45-2	302284	310243	306925	306484	1.30	cps
Selenium	82-1	-9	-243	-367	-206	-88.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	108	102	117	109	6.93	cps
Silicon	28-1	6849512	6788927	6894559	6844332	0.77	cps
Silver	107-1	275	258	225	253	10.07	cps
Silver	109-1	100	192	183	158	32.02	cps
Sodium	23-2	667000	659924	650213	659046	1.28	cps
Strontium	86-1	1402681	1358099	1316319	1359033	3.18	cps
Strontium	88-1	11369049	11362787	10894889	11208908	2.43	cps
Sulfur	34-1	2254919	2232530	2297373	2261607	1.46	cps
Terbium	159-1	18390873	17308328	18316656	18005286	3.36	cps
Terbium	159-2	5932480	6019471	5920400	5957450	0.91	cps
Thallium	203-1	300	517	567	461	30.74	cps
Thallium	205-1	1308	1050	1267	1208	11.48	cps
Tin	118-1	2075	1925	1875	1959	5.32	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-20DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ05	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:00:12	DataFile Name :	159AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	683	592	525	600	13.25	cps
Uranium	238-1	1075	1017	1117	1070	4.70	cps
Vanadium	51-2	20	37	37	31	30.93	cps
Ytterbium	172-1	125	50	67	81	48.89	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	2275	2550	2450	2425	5.74	cps
Ytterbium	176-2	7080	7058	6819	6985	2.07	cps
Yttrium	89-1	26486835	26810610	25564338	26287261	2.46	cps
Yttrium	89-2	2349651	2333254	2373588	2352165	0.86	cps
Zinc	66-2	513	403	380	432	16.48	cps
Zirconium	90-1	1258	1225	1208	1231	2.07	cps
Zirconium	91-1	142	308	250	233	36.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:03:11	DataFile Name :	160AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401	399	396	399	0.63	cps
Antimony	121-1	183	133	125	147	21.43	cps
Arsenic	75-2	641	671	611	641	4.68	cps
Barium	135-1	7661	7135	6877	7224	5.53	cps
Barium	137-1	12056	13324	12523	12634	5.08	cps
Beryllium	9-1	42	40	56	46	18.96	cps
Bismuth	209-1	10224294	9781061	10134486	10046614	2.33	cps
Bismuth	209-2	4260321	4240314	4187566	4229400	0.89	cps
Boron	10-1	9887	10022	10160	10023	1.36	cps
Boron	11-1	43201	44084	45664	44317	2.82	cps
Bromine	81-1	81123	80205	79209	80179	1.19	cps
Cadmium	111-1	1532	1468	1582	1527	3.74	cps
Cadmium	106-1	7719	7327	7894	7647	3.80	cps
Cadmium	108-1	71	50	79	67	22.54	cps
Calcium	43-1	2227225	2229851	2132392	2196489	2.53	cps
Calcium	44-1	34578299	35763342	33261906	34534516	3.62	cps
Carbon	12-1	9197299	9718983	9587167	9501149	2.86	cps
Carbon	12-2	90522	93514	93775	92603	1.95	cps
Chlorine	35-1	975676	965977	940047	960567	1.92	cps
Chlorine	35-2	5876	5776	5693	5782	1.59	cps
Chromium	52-2	1603	1700	1727	1677	3.87	cps
Cobalt	59-2	1547	1710	1577	1611	5.40	cps
Copper	63-2	1230	1327	1207	1255	5.07	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	117	167	100	128	27.15	cps
Erbium	164-2	40	47	50	46	11.18	cps
Gadolinium	160-1	108	83	150	114	29.57	cps
Gadolinium	160-2	140	57	70	89	50.36	cps
Holmium	165-1	17414349	17416446	17452170	17427655	0.12	cps
Holmium	165-2	6118776	5932674	5909474	5986975	1.92	cps
Indium	115-1	15752315	16077145	16258573	16029344	1.60	cps
Indium	115-2	2057422	2049731	1984243	2030465	1.98	cps
Iron	54-2	40313	41098	41444	40952	1.42	cps
Iron	56-2	763439	730605	753599	749214	2.25	cps
Iron	57-2	21032	20053	20292	20459	2.50	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:03:11	DataFile Name :	160AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14095	14178	14159	14144	0.31	cps
Lead	206-1	1367	1283	1406	1352	4.62	cps
Lead	207-1	1417	1278	1267	1320	6.33	cps
Lead	208-1	5928	5817	5534	5760	3.53	cps
Lithium	6-1	9490657	8816207	8904306	9070390	4.04	cps
Magnesium	24-2	5778933	6054447	5839367	5890916	2.46	cps
Manganese	55-2	525681	523597	525984	525087	0.25	cps
Molybdenum	94-1	1325	1367	1358	1350	1.63	cps
Molybdenum	95-1	1542	1558	1733	1611	6.59	cps
Molybdenum	96-1	1967	1834	1767	1856	5.49	cps
Molybdenum	97-1	917	808	917	881	7.10	cps
Molybdenum	98-1	2350	2350	2342	2347	0.21	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	1327	1410	1453	1397	4.61	cps
Phosphorus	31-2	133	158	217	169	25.24	cps
Potassium	39-2	65239	63423	66253	64972	2.21	cps
Rhodium	103-1	14844156	14642652	15092043	14859617	1.51	cps
Rhodium	103-2	5304278	5335310	5201396	5280328	1.33	cps
Scandium	45-1	12589655	12583606	12368734	12513998	1.01	cps
Scandium	45-2	305366	310344	311499	309070	1.05	cps
Selenium	82-1	-230	-84	-130	-148	-50.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	122	107	130	120	9.76	cps
Silicon	28-1	31738246	31445935	31441133	31541771	0.54	cps
Silver	107-1	242	200	292	244	18.78	cps
Silver	109-1	100	133	250	161	48.89	cps
Sodium	23-2	2066694	2137495	2018586	2074258	2.88	cps
Strontium	86-1	1537090	1605557	1570493	1571046	2.18	cps
Strontium	88-1	12954497	13267267	13342112	13187959	1.56	cps
Sulfur	34-1	4079067	4086105	4037895	4067689	0.64	cps
Terbium	159-1	17865376	18512161	18100391	18159309	1.80	cps
Terbium	159-2	5882917	5988813	6086680	5986137	1.70	cps
Thallium	203-1	475	517	383	458	14.88	cps
Thallium	205-1	900	1242	1133	1092	16.00	cps
Tin	118-1	1975	2350	1859	2061	12.47	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYW9	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:03:11	DataFile Name :	160AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1417	1450	1258	1375	7.45	cps
Uranium	238-1	4918	4901	5059	4959	1.75	cps
Vanadium	51-2	150	110	107	122	19.73	cps
Ytterbium	172-1	108	75	67	83	26.46	cps
Ytterbium	172-2	44	39	6	30	70.98	cps
Ytterbium	176-1	2159	1967	2217	2114	6.19	cps
Ytterbium	176-2	6796	7069	7386	7083	4.16	cps
Yttrium	89-1	26265474	26641682	26676764	26527973	0.86	cps
Yttrium	89-2	2394829	2380563	2374737	2383376	0.43	cps
Zinc	66-2	310	347	310	322	6.57	cps
Zirconium	90-1	1308	1108	1350	1256	10.29	cps
Zirconium	91-1	217	292	217	242	17.92	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:06:05	DataFile Name :	161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226	195	264	228	15.08	cps
Antimony	121-1	117	117	100	111	8.66	cps
Arsenic	75-2	677	660	620	652	4.49	cps
Barium	135-1	7102	7202	7394	7233	2.05	cps
Barium	137-1	13307	12481	12356	12715	4.06	cps
Beryllium	9-1	44	50	38	44	13.64	cps
Bismuth	209-1	9867585	9780475	9706655	9784905	0.82	cps
Bismuth	209-2	4117867	4246148	3582742	3982252	8.84	cps
Boron	10-1	9659	10240	10314	10071	3.56	cps
Boron	11-1	44732	46237	45701	45557	1.67	cps
Bromine	81-1	86543	86371	88371	87095	1.27	cps
Cadmium	111-1	1493	1565	1593	1550	3.36	cps
Cadmium	106-1	7586	7811	7911	7769	2.14	cps
Cadmium	108-1	71	38	38	49	39.59	cps
Calcium	43-1	2188789	2192462	2123440	2168230	1.79	cps
Calcium	44-1	35272878	34061758	33735193	34356610	2.36	cps
Carbon	12-1	9631002	9704178	9845519	9726900	1.12	cps
Carbon	12-2	91293	94288	93741	93107	1.71	cps
Chlorine	35-1	924325	938182	914519	925675	1.28	cps
Chlorine	35-2	5593	5768	5676	5679	1.54	cps
Chromium	52-2	1327	1420	1520	1422	6.80	cps
Cobalt	59-2	1567	1663	1563	1598	3.56	cps
Copper	63-2	1037	933	923	964	6.51	cps
Dysprosium	156-1	8	50	8	22	108.27	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	175	125	142	147	17.30	cps
Erbium	164-2	47	23	53	41	38.32	cps
Gadolinium	160-1	100	108	50	86	36.64	cps
Gadolinium	160-2	53	83	90	76	25.85	cps
Holmium	165-1	16738388	17048323	17457235	17081315	2.11	cps
Holmium	165-2	5955468	5854429	5338498	5716132	5.79	cps
Indium	115-1	15706434	15647365	15553550	15635783	0.49	cps
Indium	115-2	2007303	1943607	1792700	1914537	5.76	cps
Iron	54-2	40775	41310	41382	41156	0.81	cps
Iron	56-2	748433	727214	739579	738409	1.44	cps
Iron	57-2	20554	20092	20765	20471	1.68	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:06:05	DataFile Name :	161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13497	13564	13262	13441	1.18	cps
Lead	206-1	1439	1239	1567	1415	11.68	cps
Lead	207-1	1211	1189	1322	1241	5.76	cps
Lead	208-1	5817	5512	5817	5715	3.09	cps
Lithium	6-1	9506724	9325578	8799440	9210581	3.99	cps
Magnesium	24-2	6011948	5831661	5842781	5895463	1.71	cps
Manganese	55-2	529873	517027	521844	522915	1.24	cps
Molybdenum	94-1	1208	1183	1250	1214	2.78	cps
Molybdenum	95-1	1675	1859	1708	1747	5.59	cps
Molybdenum	96-1	2317	2109	2200	2209	4.73	cps
Molybdenum	97-1	950	1042	800	931	13.11	cps
Molybdenum	98-1	2375	2509	2384	2422	3.08	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	0	13	10	8	89.21	cps
Nickel	60-2	1240	1043	1143	1142	8.61	cps
Phosphorus	31-2	150	183	117	150	22.22	cps
Potassium	39-2	66780	67183	67182	67048	0.35	cps
Rhodium	103-1	14420456	14808092	15215670	14814739	2.68	cps
Rhodium	103-2	5233636	5227598	4638541	5033258	6.79	cps
Scandium	45-1	13185274	12732374	12921884	12946511	1.76	cps
Scandium	45-2	308740	301955	272318	294337	6.58	cps
Selenium	82-1	-134	-317	407	-15	-2576.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	108	112	98	106	6.80	cps
Silicon	28-1	32282942	30660376	31038765	31327361	2.71	cps
Silver	107-1	283	317	208	269	20.59	cps
Silver	109-1	183	133	100	139	30.20	cps
Sodium	23-2	2055128	2051656	2057101	2054628	0.13	cps
Strontium	86-1	1631161	1557457	1507908	1565509	3.96	cps
Strontium	88-1	13554844	12883795	13086682	13175107	2.61	cps
Sulfur	34-1	3980885	4130475	3985204	4032188	2.11	cps
Terbium	159-1	18107770	18431653	18343093	18294172	0.91	cps
Terbium	159-2	6126499	6076060	5178668	5793742	9.20	cps
Thallium	203-1	442	392	458	431	8.06	cps
Thallium	205-1	867	1058	950	958	10.03	cps
Tin	118-1	1734	2050	2075	1953	9.76	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-14DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX1	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:06:05	DataFile Name :	161AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	933	1125	992	1017	9.66	cps
Uranium	238-1	4584	5143	4693	4807	6.16	cps
Vanadium	51-2	100	83	83	89	10.83	cps
Ytterbium	172-1	108	67	100	92	24.05	cps
Ytterbium	172-2	39	50	17	35	48.23	cps
Ytterbium	176-1	2600	2000	2234	2278	13.28	cps
Ytterbium	176-2	6257	6896	6341	6498	5.35	cps
Yttrium	89-1	26825824	25784035	26132959	26247606	2.02	cps
Yttrium	89-2	2334852	2370309	2084924	2263362	6.87	cps
Zinc	66-2	1070	1123	1100	1098	2.44	cps
Zirconium	90-1	1233	1325	1258	1272	3.72	cps
Zirconium	91-1	317	275	192	261	24.38	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:09:01	DataFile Name :	162AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146	150	119	138	12.33	cps
Antimony	121-1	133	242	250	208	31.24	cps
Arsenic	75-2	257	263	251	257	2.33	cps
Barium	135-1	8445	8745	8445	8545	2.03	cps
Barium	137-1	14875	14884	14592	14783	1.12	cps
Beryllium	9-1	48	38	44	43	11.62	cps
Bismuth	209-1	10605296	9888478	10173165	10222313	3.53	cps
Bismuth	209-2	4084337	4164997	4284132	4177822	2.41	cps
Boron	10-1	5454	5738	5804	5665	3.28	cps
Boron	11-1	25313	26371	26331	26005	2.30	cps
Bromine	81-1	77024	79615	83380	80006	3.99	cps
Cadmium	111-1	1618	1476	1500	1532	4.97	cps
Cadmium	106-1	7919	7444	7527	7630	3.33	cps
Cadmium	108-1	46	83	67	65	28.79	cps
Calcium	43-1	791240	784167	774236	783214	1.09	cps
Calcium	44-1	12782796	13047651	12426064	12752170	2.45	cps
Carbon	12-1	8314843	8414936	8455631	8395137	0.86	cps
Carbon	12-2	75344	76902	75695	75980	1.08	cps
Chlorine	35-1	977165	974460	954573	968732	1.27	cps
Chlorine	35-2	5993	5835	6076	5968	2.06	cps
Chromium	52-2	1460	1460	1253	1391	8.58	cps
Cobalt	59-2	210	243	237	230	7.67	cps
Copper	63-2	1623	1633	1627	1628	0.31	cps
Dysprosium	156-1	33	42	17	31	41.66	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	158	125	125	136	14.14	cps
Erbium	164-2	50	37	43	43	15.38	cps
Gadolinium	160-1	133	58	92	94	39.79	cps
Gadolinium	160-2	113	123	97	111	12.13	cps
Holmium	165-1	17799800	16844383	17169476	17271220	2.81	cps
Holmium	165-2	5974845	6003771	5982344	5986987	0.25	cps
Indium	115-1	16079877	16262867	15556307	15966350	2.30	cps
Indium	115-2	1935062	2061809	2017587	2004819	3.21	cps
Iron	54-2	1200	1172	1072	1148	5.85	cps
Iron	56-2	14141	14385	14024	14183	1.30	cps
Iron	57-2	989	1045	944	993	5.05	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:09:01	DataFile Name :	162AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13352	13431	13431	13405	0.34	cps
Lead	206-1	1461	1545	1578	1528	3.93	cps
Lead	207-1	1400	1433	1367	1400	2.38	cps
Lead	208-1	6151	6384	6045	6193	2.80	cps
Lithium	6-1	9854513	9320424	8792554	9322497	5.70	cps
Magnesium	24-2	3128205	3002792	2995588	3042195	2.45	cps
Manganese	55-2	14087	14010	14421	14173	1.54	cps
Molybdenum	94-1	817	1008	725	850	17.01	cps
Molybdenum	95-1	808	850	750	803	6.26	cps
Molybdenum	96-1	1167	1292	1125	1195	7.26	cps
Molybdenum	97-1	617	558	558	578	5.83	cps
Molybdenum	98-1	1308	1100	1267	1225	9.00	cps
Neodymium	150-1	13	53	13	27	86.61	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	190	243	247	227	14.03	cps
Phosphorus	31-2	150	133	100	128	19.92	cps
Potassium	39-2	43173	42772	41477	42474	2.09	cps
Rhodium	103-1	15708363	14819081	14910838	15146094	3.23	cps
Rhodium	103-2	5228963	5534474	5278356	5347264	3.07	cps
Scandium	45-1	12974796	12718676	12741104	12811525	1.11	cps
Scandium	45-2	313622	308577	310683	310961	0.81	cps
Selenium	82-1	-138	-184	86	-78	-184.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	98	110	100	103	6.26	cps
Silicon	28-1	6418076	6441004	6378192	6412424	0.50	cps
Silver	107-1	192	325	217	244	28.99	cps
Silver	109-1	133	175	108	139	24.25	cps
Sodium	23-2	1006369	961945	1021075	996463	3.09	cps
Strontium	86-1	1306151	1305119	1315406	1308892	0.43	cps
Strontium	88-1	11330443	11115904	11308322	11251556	1.05	cps
Sulfur	34-1	2313854	2370264	2297811	2327310	1.64	cps
Terbium	159-1	18177671	17887189	18701283	18255381	2.26	cps
Terbium	159-2	5969963	6159218	6036260	6055147	1.59	cps
Thallium	203-1	475	517	350	447	19.40	cps
Thallium	205-1	1167	1467	1033	1222	18.16	cps
Tin	118-1	2534	2217	2609	2453	8.48	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2066-21DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ53	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 21:09:01	DataFile Name :	162AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	617	617	592	608	2.37	cps
Uranium	238-1	1425	1292	1133	1283	11.38	cps
Vanadium	51-2	43	63	43	50	23.10	cps
Ytterbium	172-1	117	83	92	97	17.84	cps
Ytterbium	172-2	39	56	39	44	21.65	cps
Ytterbium	176-1	2125	2559	2359	2347	9.24	cps
Ytterbium	176-2	6652	7185	7024	6954	3.94	cps
Yttrium	89-1	27327670	26834145	26239387	26800401	2.03	cps
Yttrium	89-2	2370975	2427156	2328726	2375619	2.08	cps
Zinc	66-2	817	830	863	837	2.87	cps
Zirconium	90-1	1225	1150	1200	1192	3.20	cps
Zirconium	91-1	158	175	225	186	18.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:11:58	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3009	3017	3000	3009	0.29	cps
Antimony	121-1	333	258	358	317	16.43	cps
Arsenic	75-2	196736	197031	193835	195867	0.90	cps
Barium	135-1	98911	101011	101656	100526	1.43	cps
Barium	137-1	169093	171690	171405	170729	0.83	cps
Beryllium	9-1	74	70	66	70	5.72	cps
Bismuth	209-1	9116466	9062875	9116017	9098453	0.34	cps
Bismuth	209-2	3951227	3904353	3929209	3928263	0.60	cps
Boron	10-1	113709	120313	120134	118052	3.19	cps
Boron	11-1	512401	539859	564292	538851	4.82	cps
Bromine	81-1	100455	113519	115355	109776	7.40	cps
Cadmium	111-1	1547	1522	1483	1518	2.12	cps
Cadmium	106-1	7486	7494	7277	7419	1.66	cps
Cadmium	108-1	42	50	79	57	34.58	cps
Calcium	43-1	20762631	21678742	21967222	21469532	2.93	cps
Calcium	44-1	329591373	347763451	348882512	342079112	3.17	cps
Carbon	12-1	17275605	20244503	21272953	19597687	10.59	cps
Carbon	12-2	214769	216012	220421	217067	1.37	cps
Chlorine	35-1	975964	987274	1017549	993596	2.16	cps
Chlorine	35-2	6352	6602	6610	6521	2.25	cps
Chromium	52-2	8433	8386	8739	8519	2.25	cps
Cobalt	59-2	2127	1977	1997	2033	4.01	cps
Copper	63-2	2940	3194	3150	3095	4.38	cps
Dysprosium	156-1	117	208	233	186	33.01	cps
Dysprosium	156-2	47	77	123	82	46.99	cps
Erbium	164-1	250	408	317	325	24.46	cps
Erbium	164-2	117	127	117	120	4.81	cps
Gadolinium	160-1	208	300	258	256	17.96	cps
Gadolinium	160-2	200	143	183	176	16.59	cps
Holmium	165-1	16480384	17419105	17849270	17249586	4.06	cps
Holmium	165-2	6042451	6127143	6047974	6072523	0.78	cps
Indium	115-1	14938025	14902103	15201395	15013841	1.09	cps
Indium	115-2	1962279	1964556	2031464	1986100	1.98	cps
Iron	54-2	2056178	2025716	2060453	2047449	0.93	cps
Iron	56-2	36368122	35875912	36260441	36168158	0.72	cps
Iron	57-2	912584	910472	895332	906129	1.04	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:11:58	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13123	13552	13485	13387	1.72	cps
Lead	206-1	4095	4084	3984	4054	1.51	cps
Lead	207-1	3278	3473	3489	3413	3.44	cps
Lead	208-1	16132	15760	15715	15869	1.44	cps
Lithium	6-1	8690411	8864336	8922732	8825826	1.37	cps
Magnesium	24-2	68592091	67179104	64505833	66759009	3.11	cps
Manganese	55-2	1673211	1672731	1689928	1678623	0.58	cps
Molybdenum	94-1	2725	2750	2867	2781	2.72	cps
Molybdenum	95-1	1875	2225	1842	1981	10.72	cps
Molybdenum	96-1	5018	5034	4751	4934	3.22	cps
Molybdenum	97-1	1225	1133	1242	1200	4.86	cps
Molybdenum	98-1	2650	2700	2834	2728	3.47	cps
Neodymium	150-1	247	187	253	229	16.04	cps
Neodymium	150-2	67	37	77	60	34.69	cps
Nickel	60-2	2524	2420	2470	2471	2.09	cps
Phosphorus	31-2	1383	1333	1083	1267	12.69	cps
Potassium	39-2	1185908	1169202	1132708	1162606	2.34	cps
Rhodium	103-1	13877236	13924390	13527322	13776316	1.57	cps
Rhodium	103-2	5024985	4992255	5113234	5043492	1.24	cps
Scandium	45-1	12599129	12118327	12601949	12439802	2.24	cps
Scandium	45-2	319266	315705	313714	316228	0.89	cps
Selenium	82-1	647	256	174	359	70.35	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	142	96	112	117	20.02	cps
Silicon	28-1	160282204	167825533	162411704	163506480	2.38	cps
Silver	107-1	308	325	350	328	6.40	cps
Silver	109-1	175	125	250	183	34.32	cps
Sodium	23-2	12925754	12907138	12504548	12779146	1.86	cps
Strontium	86-1	49250552	49329666	48449448	49009889	0.99	cps
Strontium	88-1	424419918	421925934	419139984	421828612	0.63	cps
Sulfur	34-1	44743520	42943317	44542409	44076415	2.24	cps
Terbium	159-1	17978014	18192902	17804450	17991789	1.08	cps
Terbium	159-2	6125112	5962371	5947699	6011728	1.64	cps
Thallium	203-1	450	367	400	406	10.34	cps
Thallium	205-1	1100	933	1108	1047	9.43	cps
Tin	118-1	3142	3017	3100	3087	2.06	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:11:58	DataFile Name :	163AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7744	7877	7827	7816	0.86	cps
Uranium	238-1	1892	2184	1842	1972	9.36	cps
Vanadium	51-2	630	587	510	576	10.56	cps
Ytterbium	172-1	192	167	175	178	7.16	cps
Ytterbium	172-2	83	67	39	63	35.66	cps
Ytterbium	176-1	2009	1992	2184	2061	5.15	cps
Ytterbium	176-2	6363	6974	6674	6670	4.58	cps
Yttrium	89-1	25326875	25192635	26559644	25693051	2.93	cps
Yttrium	89-2	2476413	2408746	2362119	2415759	2.38	cps
Zinc	66-2	1590	1627	1520	1579	3.43	cps
Zirconium	90-1	4192	4326	4284	4267	1.60	cps
Zirconium	91-1	1784	1633	1859	1758	6.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:14:55	DataFile Name :	164AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3369	3300	3289	3319	1.30	cps
Antimony	121-1	1717	1875	1600	1731	7.98	cps
Arsenic	75-2	6933	7005	7117	7018	1.31	cps
Barium	135-1	64245	64890	65803	64979	1.20	cps
Barium	137-1	113603	114333	110537	112824	1.79	cps
Beryllium	9-1	34	68	56	53	32.75	cps
Bismuth	209-1	9744630	9321802	9524245	9530226	2.22	cps
Bismuth	209-2	3854877	3832682	3955524	3881028	1.69	cps
Boron	10-1	59319	60578	59752	59883	1.07	cps
Boron	11-1	267170	275091	277787	273349	2.02	cps
Bromine	81-1	96700	102425	104471	101199	3.98	cps
Cadmium	111-1	1573	1634	1570	1592	2.27	cps
Cadmium	106-1	7319	7519	7369	7402	1.41	cps
Cadmium	108-1	71	88	58	72	20.26	cps
Calcium	43-1	18042036	17403888	17848291	17764739	1.84	cps
Calcium	44-1	287278148	282555507	285036638	284956764	0.83	cps
Carbon	12-1	20453278	21938678	22334110	21575355	4.60	cps
Carbon	12-2	225929	231872	231164	229655	1.41	cps
Chlorine	35-1	1059018	1077110	1106389	1080839	2.21	cps
Chlorine	35-2	6935	6527	6393	6618	4.27	cps
Chromium	52-2	1723	1937	1737	1799	6.64	cps
Cobalt	59-2	11128	11061	11438	11209	1.79	cps
Copper	63-2	12526	13120	12859	12835	2.32	cps
Dysprosium	156-1	225	200	133	186	25.46	cps
Dysprosium	156-2	63	67	47	59	18.19	cps
Erbium	164-1	275	208	225	236	14.69	cps
Erbium	164-2	50	97	93	80	32.54	cps
Gadolinium	160-1	250	225	258	244	7.10	cps
Gadolinium	160-2	170	180	127	159	17.84	cps
Holmium	165-1	17934174	18042068	18161050	18045764	0.63	cps
Holmium	165-2	6050431	6150769	6026916	6076039	1.08	cps
Indium	115-1	15369054	15747056	15716613	15610908	1.35	cps
Indium	115-2	2038923	2026864	2039599	2035129	0.35	cps
Iron	54-2	22824	22858	22641	22774	0.51	cps
Iron	56-2	402024	399455	397341	399607	0.59	cps
Iron	57-2	23892	24193	24588	24225	1.44	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:14:55	DataFile Name :	164AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14202	14147	14705	14351	2.14	cps
Lead	206-1	2867	3034	3017	2973	3.09	cps
Lead	207-1	2200	2484	2523	2402	7.32	cps
Lead	208-1	10897	11230	11191	11106	1.64	cps
Lithium	6-1	8242398	8651149	8459748	8451098	2.42	cps
Magnesium	24-2	48214433	48476881	47979861	48223725	0.52	cps
Manganese	55-2	403841	395329	399063	399411	1.07	cps
Molybdenum	94-1	12998	12923	12022	12648	4.29	cps
Molybdenum	95-1	20524	19740	19873	20046	2.09	cps
Molybdenum	96-1	21617	22026	21918	21854	0.97	cps
Molybdenum	97-1	12589	12715	12398	12567	1.27	cps
Molybdenum	98-1	30718	31653	31019	31130	1.53	cps
Neodymium	150-1	187	180	167	178	5.73	cps
Neodymium	150-2	40	27	50	39	30.10	cps
Nickel	60-2	9727	9523	9517	9589	1.25	cps
Phosphorus	31-2	225	225	225	225	0.00	cps
Potassium	39-2	1288084	1288792	1279527	1285467	0.40	cps
Rhodium	103-1	14414944	13839479	14669130	14307851	2.97	cps
Rhodium	103-2	5242090	5275573	5280071	5265911	0.39	cps
Scandium	45-1	13106511	12983427	12675786	12921908	1.72	cps
Scandium	45-2	323488	321718	325289	323499	0.55	cps
Selenium	82-1	767	614	-139	414	117.11	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	116	147	136	133	11.82	cps
Silicon	28-1	66996258	66703445	64043881	65914528	2.47	cps
Silver	107-1	267	300	358	308	15.05	cps
Silver	109-1	83	200	92	125	52.07	cps
Sodium	23-2	7643389	7707962	7510489	7620613	1.32	cps
Strontium	86-1	54747422	55289085	53718049	54584852	1.46	cps
Strontium	88-1	476279577	484629594	471351077	477420083	1.41	cps
Sulfur	34-1	34155310	35211585	33905676	34424190	2.01	cps
Terbium	159-1	18363039	18257472	18479087	18366533	0.60	cps
Terbium	159-2	6088451	6085093	6237724	6137089	1.42	cps
Thallium	203-1	383	425	225	344	30.63	cps
Thallium	205-1	825	942	850	872	7.04	cps
Tin	118-1	2750	2967	2817	2845	3.90	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:14:55	DataFile Name :	164AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2292	2392	2092	2259	6.76	cps
Uranium	238-1	18965	18539	19282	18929	1.97	cps
Vanadium	51-2	157	167	177	167	6.00	cps
Ytterbium	172-1	92	175	150	139	30.79	cps
Ytterbium	172-2	50	67	78	65	21.57	cps
Ytterbium	176-1	2409	2042	2250	2234	8.24	cps
Ytterbium	176-2	6574	6985	7085	6882	3.94	cps
Yttrium	89-1	26416442	27245666	27408789	27023632	1.97	cps
Yttrium	89-2	2447665	2491877	2458335	2465959	0.94	cps
Zinc	66-2	2854	2857	2984	2898	2.56	cps
Zirconium	90-1	1467	1825	1600	1631	11.11	cps
Zirconium	91-1	383	358	408	383	6.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:17:51	DataFile Name :	165AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	729	847	860	812	8.92	cps
Antimony	121-1	1667	1834	1533	1678	8.96	cps
Arsenic	75-2	6855	6907	6607	6790	2.36	cps
Barium	135-1	68106	66892	66011	67003	1.57	cps
Barium	137-1	120480	115955	116064	117500	2.20	cps
Beryllium	9-1	32	40	44	39	15.81	cps
Bismuth	209-1	9471924	9709899	9313105	9498309	2.10	cps
Bismuth	209-2	4027766	4003639	3963093	3998166	0.82	cps
Boron	10-1	58236	59324	60638	59399	2.02	cps
Boron	11-1	263503	273102	282355	272986	3.45	cps
Bromine	81-1	99551	99417	112221	103730	7.09	cps
Cadmium	111-1	1538	1591	1679	1603	4.44	cps
Cadmium	106-1	7185	7636	7903	7575	4.79	cps
Cadmium	108-1	58	75	50	61	20.83	cps
Calcium	43-1	18824584	18562585	18066519	18484563	2.08	cps
Calcium	44-1	299013991	301516168	295266869	298599009	1.05	cps
Carbon	12-1	21383749	22832269	23580330	22598783	4.94	cps
Carbon	12-2	228386	235347	241059	234931	2.70	cps
Chlorine	35-1	1093623	1100327	1108503	1100818	0.68	cps
Chlorine	35-2	6860	7160	7019	7013	2.14	cps
Chromium	52-2	4224	4207	4147	4193	0.96	cps
Cobalt	59-2	10744	10594	10761	10700	0.86	cps
Copper	63-2	10414	10521	10127	10354	1.97	cps
Dysprosium	156-1	33	42	50	42	20.00	cps
Dysprosium	156-2	43	30	30	34	22.34	cps
Erbium	164-1	175	142	175	164	11.74	cps
Erbium	164-2	37	37	43	39	9.89	cps
Gadolinium	160-1	100	125	133	119	14.53	cps
Gadolinium	160-2	113	90	87	97	15.03	cps
Holmium	165-1	18075458	17722347	18297305	18031703	1.61	cps
Holmium	165-2	6119903	6166747	5894253	6060301	2.40	cps
Indium	115-1	16405994	16168774	15930220	16168329	1.47	cps
Indium	115-2	2083186	2068697	2064370	2072085	0.48	cps
Iron	54-2	14335	14914	14602	14617	1.98	cps
Iron	56-2	255024	259075	252883	255661	1.23	cps
Iron	57-2	21555	21333	21817	21568	1.12	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:17:51	DataFile Name :	165AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14877	14828	14757	14821	0.41	cps
Lead	206-1	2650	2334	2523	2502	6.37	cps
Lead	207-1	2050	2028	2361	2147	8.68	cps
Lead	208-1	9735	9374	10107	9739	3.77	cps
Lithium	6-1	8821256	8594631	8896065	8770651	1.79	cps
Magnesium	24-2	47941479	48497805	50101325	48846870	2.30	cps
Manganese	55-2	388199	385915	389724	387946	0.49	cps
Molybdenum	94-1	12381	12331	12348	12353	0.21	cps
Molybdenum	95-1	20065	21000	20524	20530	2.28	cps
Molybdenum	96-1	22243	21910	22369	22174	1.07	cps
Molybdenum	97-1	12756	12823	11939	12506	3.94	cps
Molybdenum	98-1	32138	32063	32656	32286	1.00	cps
Neodymium	150-1	60	87	40	62	37.63	cps
Neodymium	150-2	17	30	7	18	65.83	cps
Nickel	60-2	9547	9310	9303	9387	1.48	cps
Phosphorus	31-2	158	258	192	203	25.11	cps
Potassium	39-2	1331804	1312056	1357528	1333796	1.71	cps
Rhodium	103-1	14702266	14898772	14784199	14795079	0.67	cps
Rhodium	103-2	5362562	5505507	5470572	5446214	1.37	cps
Scandium	45-1	13529966	13353311	13557222	13480167	0.82	cps
Scandium	45-2	331602	330964	329650	330739	0.30	cps
Selenium	82-1	280	146	389	272	44.71	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	121	133	121	125	5.54	cps
Silicon	28-1	67530766	65632501	64986101	66049790	2.00	cps
Silver	107-1	233	342	367	314	22.58	cps
Silver	109-1	225	183	117	175	31.23	cps
Sodium	23-2	7591002	7656704	8015429	7754378	2.95	cps
Strontium	86-1	55898676	56640880	57136243	56558600	1.10	cps
Strontium	88-1	489131711	502343678	483515827	491663739	1.97	cps
Sulfur	34-1	34935946	34580347	34669891	34728728	0.53	cps
Terbium	159-1	18136256	18255078	18378651	18256662	0.66	cps
Terbium	159-2	6057720	6263819	6099893	6140477	1.77	cps
Thallium	203-1	233	358	417	336	27.87	cps
Thallium	205-1	800	908	708	806	12.43	cps
Tin	118-1	3234	3526	3351	3370	4.36	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:17:51	DataFile Name :	165AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2225	1808	1967	2000	10.52	cps
Uranium	238-1	19006	19474	19607	19363	1.63	cps
Vanadium	51-2	150	117	140	136	12.62	cps
Ytterbium	172-1	92	133	150	125	24.04	cps
Ytterbium	172-2	50	33	22	35	39.74	cps
Ytterbium	176-1	2300	2450	2259	2336	4.31	cps
Ytterbium	176-2	6713	6863	7313	6963	4.49	cps
Yttrium	89-1	27570575	28026702	27369396	27655558	1.22	cps
Yttrium	89-2	2521258	2553286	2541700	2538748	0.64	cps
Zinc	66-2	2727	2864	2797	2796	2.44	cps
Zirconium	90-1	1558	1575	1683	1606	4.23	cps
Zirconium	91-1	392	292	375	353	15.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:20:48	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	797	746	835	793	5.62	cps
Antimony	121-1	367	358	408	378	7.09	cps
Arsenic	75-2	1483	1480	1505	1490	0.92	cps
Barium	135-1	13666	13632	13032	13443	2.65	cps
Barium	137-1	24147	24531	23746	24142	1.63	cps
Beryllium	9-1	52	38	58	49	20.81	cps
Bismuth	209-1	10063735	9710349	9751881	9841988	1.96	cps
Bismuth	209-2	3772444	4100166	4428912	4100507	8.00	cps
Boron	10-1	18234	18094	17865	18064	1.03	cps
Boron	11-1	81877	83380	84492	83250	1.58	cps
Bromine	81-1	92053	88543	95522	92039	3.79	cps
Cadmium	111-1	1693	1621	1626	1647	2.45	cps
Cadmium	106-1	8528	7844	7928	8100	4.61	cps
Cadmium	108-1	83	33	67	61	41.66	cps
Calcium	43-1	3912533	3847658	3782113	3847434	1.69	cps
Calcium	44-1	61667508	62744091	60728477	61713359	1.63	cps
Carbon	12-1	11980882	11898058	12117236	11998725	0.92	cps
Carbon	12-2	110306	110289	112059	110885	0.92	cps
Chlorine	35-1	995470	1016085	1012274	1007943	1.09	cps
Chlorine	35-2	6485	6101	6535	6374	3.72	cps
Chromium	52-2	1480	1483	1363	1442	4.74	cps
Cobalt	59-2	2490	2460	2454	2468	0.79	cps
Copper	63-2	3687	3641	3657	3662	0.65	cps
Dysprosium	156-1	83	58	58	67	21.66	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	150	158	125	144	12.01	cps
Erbium	164-2	53	67	43	54	21.51	cps
Gadolinium	160-1	167	108	100	125	29.06	cps
Gadolinium	160-2	60	90	97	82	23.76	cps
Holmium	165-1	17574950	17355237	17917768	17615985	1.61	cps
Holmium	165-2	5734049	6223103	6858952	6272035	8.99	cps
Indium	115-1	16902250	16037288	16521890	16487142	2.63	cps
Indium	115-2	1955057	2102054	2254431	2103847	7.12	cps
Iron	54-2	5801	5496	5518	5605	3.04	cps
Iron	56-2	94394	89943	90665	91667	2.61	cps
Iron	57-2	5123	5396	5701	5407	5.35	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:20:48	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14912	15618	15186	15239	2.33	cps
Lead	206-1	1628	1734	1539	1633	5.96	cps
Lead	207-1	1433	1228	1356	1339	7.75	cps
Lead	208-1	6256	6534	6240	6343	2.61	cps
Lithium	6-1	8709211	8988932	9510334	9069493	4.48	cps
Magnesium	24-2	10099966	10140130	10376196	10205430	1.46	cps
Manganese	55-2	88962	85957	83064	85994	3.43	cps
Molybdenum	94-1	2892	2742	2884	2839	2.97	cps
Molybdenum	95-1	4426	3842	4609	4292	9.33	cps
Molybdenum	96-1	5093	4859	5134	5029	2.95	cps
Molybdenum	97-1	2517	2434	2775	2575	6.92	cps
Molybdenum	98-1	6552	6768	6485	6602	2.24	cps
Neodymium	150-1	60	33	40	44	31.23	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	2140	2174	2207	2174	1.53	cps
Phosphorus	31-2	133	183	133	150	19.24	cps
Potassium	39-2	282996	285201	280939	283045	0.75	cps
Rhodium	103-1	16031098	16232482	15427836	15897138	2.63	cps
Rhodium	103-2	5087628	5713476	6018970	5606691	8.47	cps
Scandium	45-1	13921704	14070514	13946489	13979569	0.57	cps
Scandium	45-2	312130	336485	368890	339168	8.40	cps
Selenium	82-1	-134	-623	84	-224	-161.34	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	118	133	126	126	5.97	cps
Silicon	28-1	14331328	14274617	14410906	14338950	0.48	cps
Silver	107-1	383	308	208	300	29.27	cps
Silver	109-1	200	192	217	203	6.28	cps
Sodium	23-2	1556523	1609315	1683433	1616424	3.94	cps
Strontium	86-1	11986682	11731315	11552804	11756934	1.85	cps
Strontium	88-1	101225267	99648450	101503250	100792322	0.99	cps
Sulfur	34-1	7669201	8087800	7877706	7878235	2.66	cps
Terbium	159-1	18354281	18651472	18148206	18384653	1.38	cps
Terbium	159-2	5625703	6017683	6640597	6094661	8.40	cps
Thallium	203-1	233	358	267	286	22.62	cps
Thallium	205-1	650	708	550	636	12.59	cps
Tin	118-1	2100	1925	2317	2114	9.28	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LX5	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 21:20:48	DataFile Name :	166AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1000	983	1000	995	0.97	cps
Uranium	238-1	3734	3701	4034	3823	4.80	cps
Vanadium	51-2	63	33	33	43	39.97	cps
Ytterbium	172-1	67	125	108	100	30.05	cps
Ytterbium	172-2	28	39	72	46	49.95	cps
Ytterbium	176-1	2567	2775	2234	2525	10.82	cps
Ytterbium	176-2	5996	7241	7858	7032	13.49	cps
Yttrium	89-1	29078209	28518302	28197652	28598054	1.56	cps
Yttrium	89-2	2383327	2454040	2786585	2541317	8.47	cps
Zinc	66-2	810	860	867	846	3.66	cps
Zirconium	90-1	1200	1167	1242	1203	3.12	cps
Zirconium	91-1	342	242	250	278	19.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200934	200265	198415	199871	0.65	cps
Antimony	121-1	1150929	1128020	1137991	1138980	1.01	cps
Arsenic	75-2	20675	20475	20355	20502	0.79	cps
Barium	135-1	6200459	6220868	6207803	6209710	0.17	cps
Barium	137-1	10676670	10746294	10620341	10681101	0.59	cps
Beryllium	9-1	232491	241173	235105	236256	1.89	cps
Bismuth	209-1	9874289	9757178	9767145	9799537	0.66	cps
Bismuth	209-2	3979769	4051419	3911232	3980807	1.76	cps
Boron	10-1	57426	57615	57503	57515	0.16	cps
Boron	11-1	258399	268879	276885	268054	3.46	cps
Bromine	81-1	125489	130960	136238	130896	4.11	cps
Cadmium	111-1	174220	175567	172313	174034	0.94	cps
Cadmium	106-1	24522	24472	23821	24272	1.61	cps
Cadmium	108-1	12110	12243	12581	12311	1.97	cps
Calcium	43-1	18140249	18847168	18071967	18353128	2.34	cps
Calcium	44-1	294562187	294114193	289788304	292821561	0.90	cps
Carbon	12-1	20599915	22038925	24282050	22306963	8.32	cps
Carbon	12-2	233866	242322	237786	237992	1.78	cps
Chlorine	35-1	8731666	10357099	10725169	9937978	10.67	cps
Chlorine	35-2	72750	78965	80927	77547	5.50	cps
Chromium	52-2	657423	666518	644452	656131	1.69	cps
Cobalt	59-2	3133517	2979004	2965393	3025972	3.09	cps
Copper	63-2	1090864	1097192	1068706	1085587	1.38	cps
Dysprosium	156-1	125	92	117	111	15.61	cps
Dysprosium	156-2	27	33	27	29	13.31	cps
Erbium	164-1	167	158	158	161	2.98	cps
Erbium	164-2	37	40	50	42	16.43	cps
Gadolinium	160-1	167	108	167	147	22.87	cps
Gadolinium	160-2	133	77	100	103	27.56	cps
Holmium	165-1	18676371	18229656	17649960	18185329	2.83	cps
Holmium	165-2	6001370	6126164	5918248	6015261	1.74	cps
Indium	115-1	16196198	16441476	15674287	16103987	2.43	cps
Indium	115-2	1977169	2081369	2022895	2027144	2.58	cps
Iron	54-2	188825	183449	183405	185226	1.68	cps
Iron	56-2	3095665	3009293	2948316	3017758	2.45	cps
Iron	57-2	88675	86355	87010	87347	1.37	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14338	14421	14439	14399	0.37	cps
Lead	206-1	166266	167962	168993	167741	0.82	cps
Lead	207-1	150043	151343	153490	151625	1.15	cps
Lead	208-1	680394	696216	689072	688561	1.15	cps
Lithium	6-1	8747941	8565585	8292468	8535331	2.69	cps
Magnesium	24-2	48812818	49145000	49001703	48986507	0.34	cps
Manganese	55-2	1277662	1256314	1228494	1254157	1.97	cps
Molybdenum	94-1	221597	228682	222524	224268	1.72	cps
Molybdenum	95-1	386281	395334	376085	385900	2.50	cps
Molybdenum	96-1	422211	415862	421407	419827	0.82	cps
Molybdenum	97-1	245208	247486	237426	243373	2.17	cps
Molybdenum	98-1	624192	623418	618060	621890	0.54	cps
Neodymium	150-1	500	520	567	529	6.47	cps
Neodymium	150-2	17	27	27	23	24.74	cps
Nickel	60-2	793482	780715	771845	782014	1.39	cps
Phosphorus	31-2	208	225	175	203	12.55	cps
Potassium	39-2	1331674	1369050	1258258	1319661	4.27	cps
Rhodium	103-1	14570321	14720186	14849051	14713186	0.95	cps
Rhodium	103-2	5255165	5386016	5360024	5333735	1.30	cps
Scandium	45-1	13535412	13407963	14140392	13694589	2.86	cps
Scandium	45-2	327631	329924	328940	328832	0.35	cps
Selenium	82-1	33387	33506	32537	33143	1.59	cps
Selenium	77-2	930	773	847	850	9.22	cps
Selenium	78-2	2787	2781	2703	2757	1.70	cps
Silicon	28-1	68238664	68490108	68244112	68324295	0.21	cps
Silver	107-1	937351	896535	880858	904915	3.22	cps
Silver	109-1	860547	871421	893388	875119	1.91	cps
Sodium	23-2	7691938	7767328	7719719	7726328	0.49	cps
Strontium	86-1	58736553	58024558	56321989	57694367	2.15	cps
Strontium	88-1	495977628	486025211	491318744	491107194	1.01	cps
Sulfur	34-1	35170202	36678445	35151856	35666834	2.46	cps
Terbium	159-1	18931311	18375133	18302839	18536428	1.86	cps
Terbium	159-2	6039216	6172357	6108287	6106620	1.09	cps
Thallium	203-1	554326	528446	533288	538687	2.55	cps
Thallium	205-1	1285418	1281099	1268989	1278502	0.67	cps
Tin	118-1	3476	3534	3501	3503	0.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2042	2092	2017	2050	1.86	cps
Uranium	238-1	19365	18973	18163	18834	3.25	cps
Vanadium	51-2	1406289	1368846	1377343	1384159	1.42	cps
Ytterbium	172-1	125	167	142	144	14.52	cps
Ytterbium	172-2	44	61	56	54	15.80	cps
Ytterbium	176-1	2475	2542	2159	2392	8.56	cps
Ytterbium	176-2	6468	7219	6774	6820	5.53	cps
Yttrium	89-1	27217887	27878301	27764227	27620138	1.28	cps
Yttrium	89-2	2453324	2454190	2517430	2474981	1.49	cps
Zinc	66-2	264758	259619	256318	260231	1.63	cps
Zirconium	90-1	1542	1759	1700	1667	6.73	cps
Zirconium	91-1	650	700	808	719	11.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	826	902	799	842	6.38	cps
Antimony	121-1	1492	1267	1183	1314	12.14	cps
Arsenic	75-2	171	188	191	183	5.88	cps
Barium	135-1	33785	34136	32373	33431	2.79	cps
Barium	137-1	58544	57708	57633	57962	0.87	cps
Beryllium	9-1	54	78	92	75	25.74	cps
Bismuth	209-1	9309000	9487364	9505365	9433910	1.15	cps
Bismuth	209-2	4014697	3974782	3879300	3956259	1.76	cps
Boron	10-1	14262	14819	14376	14486	2.03	cps
Boron	11-1	66005	66225	67884	66705	1.54	cps
Bromine	81-1	140804	148021	162605	150477	7.38	cps
Cadmium	111-1	1460	1525	1575	1520	3.78	cps
Cadmium	106-1	6944	7194	7494	7210	3.82	cps
Cadmium	108-1	71	50	58	60	17.56	cps
Calcium	43-1	22215450	20819210	20854252	21296304	3.74	cps
Calcium	44-1	349078003	337899070	343820420	343599164	1.63	cps
Carbon	12-1	20163933	21023540	22702569	21296680	6.06	cps
Carbon	12-2	223214	228359	228914	226829	1.39	cps
Chlorine	35-1	4367019	4117214	4016586	4166940	4.33	cps
Chlorine	35-2	22192	21600	21675	21822	1.48	cps
Chromium	52-2	6215	6325	6248	6263	0.90	cps
Cobalt	59-2	1103	1160	1057	1107	4.68	cps
Copper	63-2	1987	1890	1847	1908	3.76	cps
Dysprosium	156-1	58	100	42	67	45.07	cps
Dysprosium	156-2	27	20	37	28	30.20	cps
Erbium	164-1	142	183	242	189	26.59	cps
Erbium	164-2	83	100	87	90	9.80	cps
Gadolinium	160-1	158	175	175	169	5.68	cps
Gadolinium	160-2	150	100	130	127	19.87	cps
Holmium	165-1	17671593	17784769	18147736	17868033	1.39	cps
Holmium	165-2	6189651	5987203	5883263	6020039	2.59	cps
Indium	115-1	15870773	15501459	15706641	15692958	1.18	cps
Indium	115-2	2009828	1940883	1998440	1983050	1.86	cps
Iron	54-2	3273	3678	3234	3395	7.25	cps
Iron	56-2	53980	53785	54727	54164	0.92	cps
Iron	57-2	17533	19102	18518	18384	4.31	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14188	14387	14373	14316	0.78	cps
Lead	206-1	1639	1611	1739	1663	4.04	cps
Lead	207-1	1422	1322	1339	1361	3.94	cps
Lead	208-1	6151	6467	6479	6366	2.92	cps
Lithium	6-1	9175066	9031647	8636939	8947884	3.11	cps
Magnesium	24-2	43013627	40726976	43364135	42368246	3.38	cps
Manganese	55-2	13667	12949	13206	13274	2.74	cps
Molybdenum	94-1	7677	7177	7110	7322	4.23	cps
Molybdenum	95-1	11272	11080	11439	11263	1.59	cps
Molybdenum	96-1	12890	12022	12331	12414	3.54	cps
Molybdenum	97-1	6810	7169	6794	6924	3.06	cps
Molybdenum	98-1	18304	18471	18304	18360	0.52	cps
Neodymium	150-1	113	73	107	98	21.92	cps
Neodymium	150-2	10	20	23	18	39.03	cps
Nickel	60-2	2317	2484	2327	2376	3.94	cps
Phosphorus	31-2	550	508	617	558	9.79	cps
Potassium	39-2	108540	108760	109599	108966	0.51	cps
Rhodium	103-1	14223419	14672776	14216435	14370877	1.82	cps
Rhodium	103-2	5306011	5277288	5159319	5247539	1.48	cps
Scandium	45-1	13328217	12701511	13278591	13102773	2.66	cps
Scandium	45-2	314804	320129	314840	316591	0.97	cps
Selenium	82-1	1247	743	987	993	25.40	cps
Selenium	77-2	17	13	20	17	20.01	cps
Selenium	78-2	145	193	145	161	17.21	cps
Silicon	28-1	175314750	173850221	171905633	173690201	0.98	cps
Silver	107-1	1142	933	1117	1064	10.69	cps
Silver	109-1	633	783	858	758	15.11	cps
Sodium	23-2	14070557	14044048	14018941	14044515	0.18	cps
Strontium	86-1	10444680	10115481	9951086	10170416	2.47	cps
Strontium	88-1	88017067	85701192	87759802	87159353	1.46	cps
Sulfur	34-1	40587030	40539685	41613031	40913249	1.48	cps
Terbium	159-1	18588589	18296801	18039338	18308243	1.50	cps
Terbium	159-2	6059673	6043431	5873410	5992171	1.72	cps
Thallium	203-1	500	392	483	458	12.73	cps
Thallium	205-1	1100	1317	1017	1145	13.53	cps
Tin	118-1	3634	3259	3092	3328	8.34	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4109	4101	3826	4012	4.02	cps
Uranium	238-1	11555	12657	12106	12106	4.55	cps
Vanadium	51-2	2000	2064	1890	1985	4.42	cps
Ytterbium	172-1	117	158	58	111	45.21	cps
Ytterbium	172-2	22	61	56	46	45.43	cps
Ytterbium	176-1	2192	2142	2284	2206	3.26	cps
Ytterbium	176-2	6085	6757	6919	6587	6.71	cps
Yttrium	89-1	27908580	26996642	27192345	27365855	1.75	cps
Yttrium	89-2	2438010	2501383	2462363	2467252	1.30	cps
Zinc	66-2	723	747	633	701	8.54	cps
Zirconium	90-1	1375	1583	1600	1520	8.25	cps
Zirconium	91-1	317	300	342	319	6.57	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:29:34	DataFile Name :	169AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	946	877	850	891	5.56	cps
Antimony	121-1	925	1000	992	972	4.23	cps
Arsenic	75-2	187	191	189	189	1.06	cps
Barium	135-1	33158	33484	32941	33194	0.82	cps
Barium	137-1	56562	58755	57758	57691	1.90	cps
Beryllium	9-1	76	72	74	74	2.70	cps
Bismuth	209-1	9532786	9337066	9277827	9382560	1.42	cps
Bismuth	209-2	3994532	3999855	3896922	3963770	1.46	cps
Boron	10-1	12533	12705	13488	12909	3.94	cps
Boron	11-1	58352	59801	57495	58549	1.99	cps
Bromine	81-1	145916	152862	159807	152862	4.54	cps
Cadmium	111-1	1510	1532	1535	1526	0.89	cps
Cadmium	106-1	7302	7277	7261	7280	0.29	cps
Cadmium	108-1	42	33	42	39	12.38	cps
Calcium	43-1	21132397	20835537	21211979	21059971	0.94	cps
Calcium	44-1	345465344	345416830	344401667	345094614	0.17	cps
Carbon	12-1	19211148	20978272	22179030	20789484	7.18	cps
Carbon	12-2	211342	212914	220133	214796	2.18	cps
Chlorine	35-1	2726860	2630991	2672345	2676732	1.80	cps
Chlorine	35-2	16418	17019	16109	16515	2.80	cps
Chromium	52-2	13376	13770	12789	13312	3.71	cps
Cobalt	59-2	1150	1197	1103	1150	4.06	cps
Copper	63-2	2140	2007	2087	2078	3.23	cps
Dysprosium	156-1	83	67	92	81	15.80	cps
Dysprosium	156-2	33	27	20	27	24.99	cps
Erbium	164-1	183	258	242	228	17.29	cps
Erbium	164-2	80	33	90	68	44.63	cps
Gadolinium	160-1	167	133	167	156	12.37	cps
Gadolinium	160-2	97	127	100	108	15.26	cps
Holmium	165-1	16990659	17332827	18002039	17441842	2.95	cps
Holmium	165-2	6356746	6079801	6312709	6249752	2.38	cps
Indium	115-1	15416012	15775561	15772740	15654771	1.32	cps
Indium	115-2	2007505	1994365	1971648	1991173	0.91	cps
Iron	54-2	5357	5412	5045	5271	3.75	cps
Iron	56-2	80901	80655	80555	80704	0.22	cps
Iron	57-2	17667	19330	19697	18898	5.72	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14686	14491	14223	14466	1.61	cps
Lead	206-1	2034	2128	2228	2130	4.57	cps
Lead	207-1	2022	1967	1961	1984	1.70	cps
Lead	208-1	8507	8785	8573	8622	1.68	cps
Lithium	6-1	8756319	8776080	8618555	8716985	0.98	cps
Magnesium	24-2	43451794	42675707	41991936	42706479	1.71	cps
Manganese	55-2	25450	24401	24511	24787	2.32	cps
Molybdenum	94-1	7010	7269	7411	7230	2.81	cps
Molybdenum	95-1	11580	11230	12047	11619	3.53	cps
Molybdenum	96-1	12748	12764	12990	12834	1.05	cps
Molybdenum	97-1	7294	7260	6844	7133	3.52	cps
Molybdenum	98-1	18947	18354	18246	18516	2.04	cps
Neodymium	150-1	100	113	73	96	21.31	cps
Neodymium	150-2	40	30	10	27	57.28	cps
Nickel	60-2	4247	4267	4254	4256	0.24	cps
Phosphorus	31-2	608	508	483	533	12.40	cps
Potassium	39-2	149783	148310	143738	147277	2.14	cps
Rhodium	103-1	14222820	14241390	14471990	14312067	0.97	cps
Rhodium	103-2	5297644	5337428	5098532	5244535	2.44	cps
Scandium	45-1	13475512	13190101	12991988	13219200	1.84	cps
Scandium	45-2	327277	323720	316914	322637	1.63	cps
Selenium	82-1	271	749	963	661	53.56	cps
Selenium	77-2	13	20	3	12	68.66	cps
Selenium	78-2	142	170	166	159	9.50	cps
Silicon	28-1	173502746	178059496	175089541	175550594	1.32	cps
Silver	107-1	658	483	558	567	15.49	cps
Silver	109-1	483	567	392	481	18.21	cps
Sodium	23-2	14754676	14402179	14005925	14387594	2.60	cps
Strontium	86-1	10127683	9834778	10164124	10042195	1.80	cps
Strontium	88-1	85767000	85815339	89527121	87036487	2.48	cps
Sulfur	34-1	40573950	39500054	41099012	40391005	2.02	cps
Terbium	159-1	19126507	18765054	18092974	18661512	2.81	cps
Terbium	159-2	6168854	6000109	6112995	6093986	1.41	cps
Thallium	203-1	508	358	367	411	20.51	cps
Thallium	205-1	867	908	842	872	3.86	cps
Tin	118-1	4134	3951	3734	3940	5.08	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:29:34	DataFile Name :	169AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4184	4159	4309	4217	1.91	cps
Uranium	238-1	11389	11889	11914	11731	2.53	cps
Vanadium	51-2	1963	1890	2024	1959	3.41	cps
Ytterbium	172-1	150	133	142	142	5.88	cps
Ytterbium	172-2	56	50	50	52	6.19	cps
Ytterbium	176-1	2334	2292	2100	2242	5.55	cps
Ytterbium	176-2	6974	6835	7024	6945	1.41	cps
Yttrium	89-1	26635714	26935836	27460497	27010682	1.55	cps
Yttrium	89-2	2475364	2492127	2381212	2449568	2.44	cps
Zinc	66-2	1167	1080	1040	1096	5.91	cps
Zirconium	90-1	1700	1717	1550	1656	5.55	cps
Zirconium	91-1	400	392	367	386	4.49	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2067-07 Instrumnet Name : P8
 Client Sample ID : YAZ38 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 21:32:33 DataFile Name : 170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1542	1417	1474	1478	4.24	cps
Antimony	121-1	758	658	658	692	8.35	cps
Arsenic	75-2	139051	137910	138153	138372	0.43	cps
Barium	135-1	136107	135426	139666	137066	1.66	cps
Barium	137-1	241229	243786	240322	241779	0.74	cps
Beryllium	9-1	66	88	72	75	15.09	cps
Bismuth	209-1	9763940	9542031	9597225	9634399	1.20	cps
Bismuth	209-2	3904235	4006241	4017299	3975925	1.57	cps
Boron	10-1	58751	61947	61957	60885	3.04	cps
Boron	11-1	269530	274311	282973	275605	2.47	cps
Bromine	81-1	104115	99681	98472	100756	2.95	cps
Cadmium	111-1	1605	1603	1535	1581	2.52	cps
Cadmium	106-1	7402	7644	7160	7402	3.27	cps
Cadmium	108-1	67	38	50	51	28.48	cps
Calcium	43-1	12098802	12117992	11321128	11845974	3.84	cps
Calcium	44-1	195509295	183157014	179947239	186204516	4.41	cps
Carbon	12-1	21323727	23058964	23768671	22717121	5.54	cps
Carbon	12-2	232424	230929	235397	232917	0.98	cps
Chlorine	35-1	2002393	1950662	1866991	1940015	3.52	cps
Chlorine	35-2	11413	10971	11647	11344	3.02	cps
Chromium	52-2	2270	2430	2224	2308	4.70	cps
Cobalt	59-2	16790	16086	16326	16401	2.18	cps
Copper	63-2	4271	4057	4137	4155	2.59	cps
Dysprosium	156-1	142	233	175	183	25.31	cps
Dysprosium	156-2	47	70	53	57	21.21	cps
Erbium	164-1	325	225	242	264	20.30	cps
Erbium	164-2	117	60	73	83	35.56	cps
Gadolinium	160-1	242	192	192	208	13.86	cps
Gadolinium	160-2	113	133	120	122	8.33	cps
Holmium	165-1	17754309	17277080	17353953	17461781	1.47	cps
Holmium	165-2	6194694	6088058	6114398	6132383	0.91	cps
Indium	115-1	16020798	15886949	15784272	15897340	0.75	cps
Indium	115-2	1979670	1993562	2010715	1994649	0.78	cps
Iron	54-2	4952117	5082803	4884564	4973161	2.03	cps
Iron	56-2	89876577	89021627	89646505	89514903	0.49	cps
Iron	57-2	2285898	2331100	2243619	2286872	1.91	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:32:33	DataFile Name :	170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14290	14262	14110	14221	0.68	cps
Lead	206-1	4256	4267	4190	4238	0.99	cps
Lead	207-1	3456	3995	3756	3736	7.23	cps
Lead	208-1	17511	17427	17077	17338	1.33	cps
Lithium	6-1	8783102	8752281	8568589	8701324	1.33	cps
Magnesium	24-2	40724478	41565078	40452214	40913923	1.42	cps
Manganese	55-2	1843131	1825251	1816920	1828434	0.73	cps
Molybdenum	94-1	26634	26175	25733	26181	1.72	cps
Molybdenum	95-1	43302	43887	43419	43536	0.71	cps
Molybdenum	96-1	53295	52434	53346	53025	0.97	cps
Molybdenum	97-1	25925	27645	25599	26390	4.17	cps
Molybdenum	98-1	67004	67775	67632	67471	0.61	cps
Neodymium	150-1	153	140	173	156	10.78	cps
Neodymium	150-2	47	43	33	41	16.89	cps
Nickel	60-2	5211	4861	4984	5019	3.54	cps
Phosphorus	31-2	942	942	1008	964	3.99	cps
Potassium	39-2	559342	567871	549641	558951	1.63	cps
Rhodium	103-1	14717071	14753545	14754606	14741740	0.14	cps
Rhodium	103-2	5308636	5235684	5201291	5248537	1.04	cps
Scandium	45-1	13584042	12928313	13068281	13193545	2.62	cps
Scandium	45-2	314022	314260	311931	313404	0.41	cps
Selenium	82-1	208	243	6	152	83.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	111	133	108	117	11.63	cps
Silicon	28-1	180030679	175235946	177770150	177678925	1.35	cps
Silver	107-1	608	500	575	561	9.89	cps
Silver	109-1	308	175	350	278	32.91	cps
Sodium	23-2	8184777	7811715	7975606	7990699	2.34	cps
Strontium	86-1	38594846	38732335	36614583	37980588	3.12	cps
Strontium	88-1	329934949	324543574	327575366	327351296	0.83	cps
Sulfur	34-1	19249830	20029293	18844523	19374548	3.11	cps
Terbium	159-1	18328061	18768246	18157508	18417938	1.71	cps
Terbium	159-2	5890545	5971094	5874085	5911908	0.88	cps
Thallium	203-1	325	317	367	336	7.97	cps
Thallium	205-1	833	842	600	758	18.09	cps
Tin	118-1	4184	4242	4234	4220	0.75	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:32:33	DataFile Name :	170AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3942	3984	3642	3856	4.84	cps
Uranium	238-1	50703	47900	49900	49501	2.92	cps
Vanadium	51-2	390	337	427	384	11.77	cps
Ytterbium	172-1	150	125	125	133	10.83	cps
Ytterbium	172-2	89	50	67	69	28.47	cps
Ytterbium	176-1	2667	2225	2250	2381	10.42	cps
Ytterbium	176-2	6090	7024	6841	6652	7.44	cps
Yttrium	89-1	26958995	27785374	26711516	27151962	2.07	cps
Yttrium	89-2	2411742	2419915	2398125	2409927	0.46	cps
Zinc	66-2	4101	3617	3914	3877	6.29	cps
Zirconium	90-1	3492	3367	3751	3537	5.53	cps
Zirconium	91-1	1317	1333	1350	1333	1.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:35:27	DataFile Name :	171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	178155	180003	180658	179606	0.72	cps
Antimony	121-1	7327	7469	7744	7513	2.82	cps
Arsenic	75-2	26501	27287	27376	27055	1.78	cps
Barium	135-1	136226	136875	137433	136845	0.44	cps
Barium	137-1	236707	237079	237737	237174	0.22	cps
Beryllium	9-1	490	430	460	460	6.52	cps
Bismuth	209-1	9443565	9420561	9169080	9344402	1.63	cps
Bismuth	209-2	3917283	4021813	3825961	3921686	2.50	cps
Boron	10-1	59345	62357	63036	61579	3.19	cps
Boron	11-1	274209	288831	284575	282538	2.66	cps
Bromine	81-1	96164	94568	100920	97217	3.40	cps
Cadmium	111-1	2650	2833	2938	2807	5.19	cps
Cadmium	106-1	7102	7402	7978	7494	5.94	cps
Cadmium	108-1	196	175	183	185	5.68	cps
Calcium	43-1	17972845	18618478	18770659	18453994	2.30	cps
Calcium	44-1	293229593	296307468	303538514	297691858	1.78	cps
Carbon	12-1	20679044	22336355	22949606	21988335	5.34	cps
Carbon	12-2	221405	223517	229497	224806	1.87	cps
Chlorine	35-1	1770571	1817261	1780666	1789499	1.37	cps
Chlorine	35-2	10421	10779	10554	10585	1.71	cps
Chromium	52-2	10914	11054	10851	10940	0.95	cps
Cobalt	59-2	55344	54357	54929	54877	0.90	cps
Copper	63-2	65668	68196	66988	66951	1.89	cps
Dysprosium	156-1	3642	4009	4501	4051	10.64	cps
Dysprosium	156-2	1410	1353	1223	1329	7.20	cps
Erbium	164-1	4017	4134	3909	4020	2.80	cps
Erbium	164-2	1427	1430	1360	1406	2.81	cps
Gadolinium	160-1	4151	4017	4234	4134	2.64	cps
Gadolinium	160-2	1670	1653	1617	1647	1.66	cps
Holmium	165-1	17408361	18258633	17391376	17686123	2.80	cps
Holmium	165-2	6151009	6222919	6439498	6271142	2.39	cps
Indium	115-1	15546540	16083894	16170390	15933608	2.12	cps
Indium	115-2	2058285	2039056	2110314	2069218	1.78	cps
Iron	54-2	974186	1003301	1005728	994405	1.77	cps
Iron	56-2	18602330	18891975	18662552	18718953	0.82	cps
Iron	57-2	462828	474147	461103	466026	1.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:35:27	DataFile Name :	171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13945	14323	14168	14145	1.34	cps
Lead	206-1	46857	45865	44655	45793	2.41	cps
Lead	207-1	38096	38848	38965	38636	1.22	cps
Lead	208-1	180269	182460	180986	181238	0.62	cps
Lithium	6-1	8810562	9250729	8673394	8911561	3.38	cps
Magnesium	24-2	57824733	57463205	58058162	57782033	0.52	cps
Manganese	55-2	394222	384446	391946	390205	1.31	cps
Molybdenum	94-1	28054	28488	28722	28421	1.19	cps
Molybdenum	95-1	26526	26843	27436	26935	1.72	cps
Molybdenum	96-1	32163	33867	32932	32987	2.59	cps
Molybdenum	97-1	18046	17169	17328	17514	2.67	cps
Molybdenum	98-1	43202	43285	43544	43344	0.41	cps
Neodymium	150-1	5575	5608	5575	5586	0.34	cps
Neodymium	150-2	1263	1280	1430	1325	6.93	cps
Nickel	60-2	35387	34746	36059	35397	1.85	cps
Phosphorus	31-2	742	875	1058	892	17.83	cps
Potassium	39-2	1352745	1360711	1327280	1346912	1.30	cps
Rhodium	103-1	14224343	15139949	14821545	14728612	3.16	cps
Rhodium	103-2	5297679	5262096	5392037	5317271	1.26	cps
Scandium	45-1	13121613	13602568	13421689	13381956	1.82	cps
Scandium	45-2	328049	331057	335375	331494	1.11	cps
Selenium	82-1	767	524	569	620	20.82	cps
Selenium	77-2	7	13	33	18	78.05	cps
Selenium	78-2	144	143	146	144	1.06	cps
Silicon	28-1	91375825	92906944	89590854	91291208	1.82	cps
Silver	107-1	1450	1333	1408	1397	4.23	cps
Silver	109-1	1050	1117	1233	1133	8.19	cps
Sodium	23-2	8817246	8689325	8676808	8727793	0.89	cps
Strontium	86-1	56101866	54459014	57149278	55903386	2.43	cps
Strontium	88-1	490124661	488305128	484702161	487710650	0.57	cps
Sulfur	34-1	37458009	39132547	39433438	38674665	2.75	cps
Terbium	159-1	17909619	18610710	18263293	18261207	1.92	cps
Terbium	159-2	6081553	6207650	6273765	6187656	1.58	cps
Thallium	203-1	542	642	642	608	9.49	cps
Thallium	205-1	1375	1467	1567	1470	6.52	cps
Tin	118-1	3726	3617	3692	3678	1.51	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:35:27	DataFile Name :	171AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	114734	120398	118909	118014	2.49	cps
Uranium	238-1	33621	34348	32543	33504	2.71	cps
Vanadium	51-2	14237	14120	14321	14226	0.71	cps
Ytterbium	172-1	1433	1367	1208	1336	8.65	cps
Ytterbium	172-2	417	572	544	511	16.23	cps
Ytterbium	176-1	3042	3084	2917	3014	2.88	cps
Ytterbium	176-2	6719	7085	7141	6982	3.29	cps
Yttrium	89-1	26912169	27170091	28252915	27445058	2.59	cps
Yttrium	89-2	2443753	2438493	2550756	2477667	2.56	cps
Zinc	66-2	34796	34846	34953	34865	0.23	cps
Zirconium	90-1	32071	31963	32196	32077	0.36	cps
Zirconium	91-1	6735	7527	7294	7185	5.66	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:38:24	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1362	1372	1382	1372	0.73	cps
Antimony	121-1	892	1050	958	967	8.22	cps
Arsenic	75-2	7267	7393	7452	7370	1.28	cps
Barium	135-1	100407	100692	99072	100057	0.86	cps
Barium	137-1	168977	171246	168698	169640	0.82	cps
Beryllium	9-1	52	28	46	42	29.75	cps
Bismuth	209-1	9829356	9241786	9190208	9420450	3.77	cps
Bismuth	209-2	4006320	3956391	3993074	3985262	0.65	cps
Boron	10-1	64206	67256	67934	66466	2.99	cps
Boron	11-1	297980	308015	311661	305885	2.32	cps
Bromine	81-1	116345	124332	128902	123193	5.16	cps
Cadmium	111-1	1572	1577	1456	1535	4.46	cps
Cadmium	106-1	7794	7544	7194	7511	4.02	cps
Cadmium	108-1	58	33	58	50	28.87	cps
Calcium	43-1	22234808	21779539	21556129	21856825	1.58	cps
Calcium	44-1	349586969	348030953	359026509	352214810	1.69	cps
Carbon	12-1	19992397	21534697	22812902	21446665	6.59	cps
Carbon	12-2	221483	227177	228401	225687	1.64	cps
Chlorine	35-1	1598831	1581706	1585952	1588830	0.56	cps
Chlorine	35-2	9228	9186	9645	9353	2.71	cps
Chromium	52-2	11752	11641	11955	11783	1.35	cps
Cobalt	59-2	18362	18122	18329	18271	0.71	cps
Copper	63-2	7906	7982	7736	7874	1.60	cps
Dysprosium	156-1	58	158	125	114	44.71	cps
Dysprosium	156-2	23	23	40	29	33.32	cps
Erbium	164-1	175	175	183	178	2.71	cps
Erbium	164-2	57	70	57	61	12.59	cps
Gadolinium	160-1	192	142	200	178	17.75	cps
Gadolinium	160-2	110	130	137	126	11.05	cps
Holmium	165-1	18030745	17625813	16978215	17544924	3.03	cps
Holmium	165-2	6168372	6166432	6155627	6163477	0.11	cps
Indium	115-1	16624978	16271655	15780009	16225547	2.62	cps
Indium	115-2	2016929	2016311	1981300	2004847	1.02	cps
Iron	54-2	58838	54989	56133	56654	3.49	cps
Iron	56-2	1036948	1024808	1011358	1024371	1.25	cps
Iron	57-2	40586	43968	44453	43002	4.90	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:38:24	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14326	13951	14118	14132	1.33	cps
Lead	206-1	3289	3751	3317	3452	7.49	cps
Lead	207-1	3012	3073	3084	3056	1.27	cps
Lead	208-1	13759	14048	13698	13835	1.35	cps
Lithium	6-1	8924882	8795257	8835404	8851847	0.75	cps
Magnesium	24-2	55070041	55199776	56267318	55512378	1.18	cps
Manganese	55-2	3089732	2969788	3050045	3036522	2.01	cps
Molybdenum	94-1	3501	3509	3951	3653	7.05	cps
Molybdenum	95-1	5726	5510	5885	5707	3.30	cps
Molybdenum	96-1	6152	5818	5518	5829	5.44	cps
Molybdenum	97-1	3267	3351	3050	3223	4.81	cps
Molybdenum	98-1	7894	8920	8128	8314	6.47	cps
Neodymium	150-1	40	100	100	80	43.30	cps
Neodymium	150-2	20	23	27	23	14.29	cps
Nickel	60-2	14427	14598	14588	14538	0.66	cps
Phosphorus	31-2	308	217	250	258	17.96	cps
Potassium	39-2	1144348	1123098	1130619	1132688	0.95	cps
Rhodium	103-1	14692989	14619323	14408988	14573767	1.01	cps
Rhodium	103-2	5322428	5283397	5335363	5313729	0.51	cps
Scandium	45-1	13681162	13012633	12915008	13202934	3.16	cps
Scandium	45-2	333083	330782	325452	329772	1.19	cps
Selenium	82-1	146	1062	444	551	84.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	122	141	119	19.87	cps
Silicon	28-1	102014450	100288819	97393242	99898837	2.34	cps
Silver	107-1	317	250	475	347	33.28	cps
Silver	109-1	200	325	242	256	24.90	cps
Sodium	23-2	11817373	11638468	11614158	11690000	0.95	cps
Strontium	86-1	59132649	56575145	55651716	57119837	3.16	cps
Strontium	88-1	523583128	491611728	478002811	497732556	4.70	cps
Sulfur	34-1	40603827	39238521	38965621	39602656	2.22	cps
Terbium	159-1	19302881	18205196	17859228	18455768	4.08	cps
Terbium	159-2	5948776	6049107	6146901	6048261	1.64	cps
Thallium	203-1	317	258	358	311	16.15	cps
Thallium	205-1	842	717	775	778	8.04	cps
Tin	118-1	4543	4451	4576	4523	1.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:38:24	DataFile Name :	172AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2375	2500	2500	2459	2.94	cps
Uranium	238-1	16086	16103	15518	15902	2.09	cps
Vanadium	51-2	183	173	157	171	7.87	cps
Ytterbium	172-1	117	108	125	117	7.14	cps
Ytterbium	172-2	61	28	67	52	40.56	cps
Ytterbium	176-1	2284	2275	2150	2236	3.34	cps
Ytterbium	176-2	6885	6957	7180	7008	2.19	cps
Yttrium	89-1	28016685	27493112	27164795	27558197	1.56	cps
Yttrium	89-2	2544929	2547593	2465343	2519288	1.86	cps
Zinc	66-2	3144	3364	3204	3237	3.51	cps
Zirconium	90-1	1775	1925	1867	1856	4.08	cps
Zirconium	91-1	342	383	317	347	9.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:41:19	DataFile Name :	173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1014	1031	1074	1039	2.97	cps
Antimony	121-1	883	917	850	883	3.77	cps
Arsenic	75-2	7364	7176	7128	7222	1.73	cps
Barium	135-1	96319	96386	93574	95426	1.68	cps
Barium	137-1	166765	167380	166504	166883	0.27	cps
Beryllium	9-1	42	44	36	41	10.24	cps
Bismuth	209-1	9201231	9391283	9705775	9432763	2.70	cps
Bismuth	209-2	3841631	4069988	3915746	3942455	2.95	cps
Boron	10-1	63841	67262	67409	66171	3.05	cps
Boron	11-1	299788	303766	309956	304503	1.68	cps
Bromine	81-1	123293	129532	130563	127796	3.08	cps
Cadmium	111-1	1497	1583	1527	1536	2.84	cps
Cadmium	106-1	7277	7602	7519	7466	2.26	cps
Cadmium	108-1	42	83	50	58	37.80	cps
Calcium	43-1	21124617	21943116	22302867	21790200	2.77	cps
Calcium	44-1	347505159	346982284	346113513	346866985	0.20	cps
Carbon	12-1	21984027	22994744	25193960	23390910	7.02	cps
Carbon	12-2	234889	238102	241462	238151	1.38	cps
Chlorine	35-1	1449523	1441671	1468945	1453379	0.97	cps
Chlorine	35-2	9270	8853	9111	9078	2.32	cps
Chromium	52-2	18759	18515	18268	18514	1.33	cps
Cobalt	59-2	18175	17831	17601	17869	1.62	cps
Copper	63-2	18028	18335	17574	17979	2.13	cps
Dysprosium	156-1	117	67	67	83	34.64	cps
Dysprosium	156-2	37	27	37	33	17.32	cps
Erbium	164-1	225	150	183	186	20.19	cps
Erbium	164-2	40	63	53	52	22.41	cps
Gadolinium	160-1	150	175	125	150	16.67	cps
Gadolinium	160-2	110	80	133	108	24.81	cps
Holmium	165-1	17091788	17869854	17309168	17423603	2.30	cps
Holmium	165-2	6106308	6283173	5900497	6096659	3.14	cps
Indium	115-1	14994100	15669755	16136507	15600121	3.68	cps
Indium	115-2	2044498	2065664	1967827	2025996	2.54	cps
Iron	54-2	57895	56317	57460	57224	1.42	cps
Iron	56-2	1047015	1009404	1042630	1033017	1.99	cps
Iron	57-2	41940	41828	44698	42822	3.80	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:41:19	DataFile Name :	173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	15193	14543	14740	14825	2.25	cps
Lead	206-1	3523	3434	3612	3523	2.52	cps
Lead	207-1	2811	2650	2928	2797	4.99	cps
Lead	208-1	13197	13403	13314	13305	0.78	cps
Lithium	6-1	8462439	9021631	8278790	8587620	4.51	cps
Magnesium	24-2	53440978	52678393	55144816	53754729	2.35	cps
Manganese	55-2	2965348	2843966	2871993	2893769	2.20	cps
Molybdenum	94-1	2884	3284	3159	3109	6.58	cps
Molybdenum	95-1	5184	5076	5168	5143	1.13	cps
Molybdenum	96-1	5485	5318	5643	5482	2.97	cps
Molybdenum	97-1	3100	3059	2734	2964	6.77	cps
Molybdenum	98-1	7694	7611	7035	7447	4.82	cps
Neodymium	150-1	67	53	67	62	12.38	cps
Neodymium	150-2	20	17	13	17	20.01	cps
Nickel	60-2	13446	13730	13723	13633	1.19	cps
Phosphorus	31-2	192	233	192	206	11.70	cps
Potassium	39-2	1084965	1053241	1074389	1070865	1.51	cps
Rhodium	103-1	13873916	14015651	14096865	13995477	0.81	cps
Rhodium	103-2	5370858	5497123	5172919	5346967	3.06	cps
Scandium	45-1	12794099	13533854	13031313	13119755	2.88	cps
Scandium	45-2	331264	321075	328859	327066	1.63	cps
Selenium	82-1	241	664	-5	300	112.75	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	120	109	138	122	11.97	cps
Silicon	28-1	97754575	99260308	101757554	99590813	2.03	cps
Silver	107-1	408	433	467	436	6.71	cps
Silver	109-1	233	142	158	178	27.47	cps
Sodium	23-2	11117028	11349771	11749770	11405523	2.81	cps
Strontium	86-1	55869185	56612668	54442018	55641290	1.98	cps
Strontium	88-1	483330211	485705061	475286794	481440689	1.13	cps
Sulfur	34-1	38989557	39910505	39814675	39571579	1.28	cps
Terbium	159-1	17636108	18276384	17980045	17964179	1.78	cps
Terbium	159-2	6192230	6146171	5927115	6088505	2.33	cps
Thallium	203-1	325	292	392	336	15.15	cps
Thallium	205-1	792	700	783	758	6.68	cps
Tin	118-1	5034	5376	5084	5165	3.57	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:41:19	DataFile Name :	173AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2442	2867	2525	2611	8.63	cps
Uranium	238-1	15385	15635	15994	15671	1.95	cps
Vanadium	51-2	190	183	157	177	9.98	cps
Ytterbium	172-1	150	133	50	111	48.22	cps
Ytterbium	172-2	28	44	61	44	37.49	cps
Ytterbium	176-1	2159	2300	2584	2348	9.22	cps
Ytterbium	176-2	6196	7002	7330	6843	8.53	cps
Yttrium	89-1	26038652	27630362	27969946	27212987	3.79	cps
Yttrium	89-2	2472152	2450495	2439009	2453885	0.69	cps
Zinc	66-2	1907	1997	1787	1897	5.56	cps
Zirconium	90-1	1859	1750	1792	1800	3.04	cps
Zirconium	91-1	408	425	425	419	2.29	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:44:17	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630	685	612	642	5.89	cps
Antimony	121-1	1734	1875	1850	1820	4.16	cps
Arsenic	75-2	6909	6890	6807	6869	0.79	cps
Barium	135-1	69036	68081	66489	67869	1.90	cps
Barium	137-1	117620	117016	116352	116996	0.54	cps
Beryllium	9-1	26	28	40	31	24.16	cps
Bismuth	209-1	9297058	9429649	9579908	9435538	1.50	cps
Bismuth	209-2	4070441	3825704	3824167	3906771	3.63	cps
Boron	10-1	59169	61301	61630	60700	2.20	cps
Boron	11-1	266812	284077	297986	282958	5.52	cps
Bromine	81-1	107687	111407	114396	111163	3.02	cps
Cadmium	111-1	1628	1558	1688	1625	4.01	cps
Cadmium	106-1	7719	7360	8019	7700	4.28	cps
Cadmium	108-1	88	38	46	57	47.04	cps
Calcium	43-1	18902518	19742120	18985466	19210034	2.41	cps
Calcium	44-1	300691161	314340195	303236773	306089376	2.37	cps
Carbon	12-1	20698055	21880737	22861293	21813362	4.97	cps
Carbon	12-2	218127	222477	222649	221084	1.16	cps
Chlorine	35-1	1426318	1384106	1368725	1393050	2.14	cps
Chlorine	35-2	8286	7894	8786	8322	5.37	cps
Chromium	52-2	2254	2220	2204	2226	1.14	cps
Cobalt	59-2	10701	10868	10778	10782	0.77	cps
Copper	63-2	10497	10150	9730	10126	3.79	cps
Dysprosium	156-1	33	58	58	50	28.87	cps
Dysprosium	156-2	30	17	10	19	53.91	cps
Erbium	164-1	108	108	183	133	32.47	cps
Erbium	164-2	47	67	73	62	22.30	cps
Gadolinium	160-1	100	92	108	100	8.33	cps
Gadolinium	160-2	123	73	107	101	25.18	cps
Holmium	165-1	17881358	17270243	17528935	17560179	1.75	cps
Holmium	165-2	6121823	6186474	6097404	6135234	0.75	cps
Indium	115-1	15545782	15513040	15779202	15612674	0.93	cps
Indium	115-2	2128271	2052899	1980731	2053967	3.59	cps
Iron	54-2	13345	12695	13084	13041	2.51	cps
Iron	56-2	231687	227712	225091	228164	1.46	cps
Iron	57-2	19313	20159	20126	19866	2.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:44:17	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13607	14190	14483	14094	3.16	cps
Lead	206-1	2017	1745	1817	1859	7.59	cps
Lead	207-1	1656	1433	1628	1572	7.70	cps
Lead	208-1	7618	7157	7340	7371	3.15	cps
Lithium	6-1	8701793	8347557	8633392	8560914	2.19	cps
Magnesium	24-2	48271341	49376546	48822141	48823342	1.13	cps
Manganese	55-2	437233	460504	440362	446033	2.83	cps
Molybdenum	94-1	12790	12898	12331	12673	2.38	cps
Molybdenum	95-1	22126	22110	21918	22051	0.53	cps
Molybdenum	96-1	23245	24330	24180	23918	2.46	cps
Molybdenum	97-1	12815	12598	12915	12776	1.27	cps
Molybdenum	98-1	33199	35688	33299	34062	4.14	cps
Neodymium	150-1	47	47	73	56	27.71	cps
Neodymium	150-2	13	20	7	13	49.99	cps
Nickel	60-2	9340	9907	9240	9496	3.79	cps
Phosphorus	31-2	83	167	275	175	54.92	cps
Potassium	39-2	1312537	1312257	1314488	1313094	0.09	cps
Rhodium	103-1	14014453	14530407	14517998	14354286	2.05	cps
Rhodium	103-2	5412322	5285742	5333332	5343799	1.20	cps
Scandium	45-1	12861971	12923695	12935105	12906924	0.30	cps
Scandium	45-2	329018	331617	327853	329496	0.58	cps
Selenium	82-1	867	265	168	433	87.41	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	134	135	136	135	0.74	cps
Silicon	28-1	70162274	67427372	67004629	68198092	2.51	cps
Silver	107-1	408	400	358	389	6.89	cps
Silver	109-1	158	192	167	172	10.07	cps
Sodium	23-2	7705418	7779274	7907349	7797347	1.31	cps
Strontium	86-1	57963810	56790080	58347491	57700460	1.41	cps
Strontium	88-1	479829427	482103994	489494344	483809255	1.04	cps
Sulfur	34-1	36191803	35768447	34459084	35473111	2.55	cps
Terbium	159-1	17709962	18392522	17832574	17978353	2.02	cps
Terbium	159-2	6193617	6125422	6046260	6121766	1.20	cps
Thallium	203-1	333	292	325	317	6.96	cps
Thallium	205-1	833	717	575	708	18.26	cps
Tin	118-1	3242	3392	3392	3342	2.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:44:17	DataFile Name :	174AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1892	2109	2275	2092	9.19	cps
Uranium	238-1	19574	19541	19908	19674	1.03	cps
Vanadium	51-2	170	153	147	157	7.67	cps
Ytterbium	172-1	92	125	100	106	16.43	cps
Ytterbium	172-2	33	33	44	37	17.33	cps
Ytterbium	176-1	2184	2575	2142	2300	10.40	cps
Ytterbium	176-2	6802	7319	6596	6906	5.39	cps
Yttrium	89-1	26641683	26983451	27398130	27007755	1.40	cps
Yttrium	89-2	2525137	2484220	2516364	2508574	0.86	cps
Zinc	66-2	1777	2047	1887	1903	7.13	cps
Zirconium	90-1	1500	1525	1667	1564	5.75	cps
Zirconium	91-1	342	292	317	317	7.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:47:13	DataFile Name :	175AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3850	3681	3699	3743	2.48	cps
Antimony	121-1	533	483	492	503	5.33	cps
Arsenic	75-2	4812	4768	4690	4757	1.30	cps
Barium	135-1	37419	37553	38606	37859	1.72	cps
Barium	137-1	66121	66515	65033	65890	1.17	cps
Beryllium	9-1	30	46	42	39	21.17	cps
Bismuth	209-1	9637526	9671650	9263129	9524102	2.38	cps
Bismuth	209-2	3989821	4027785	4108760	4042122	1.50	cps
Boron	10-1	43294	44329	45043	44222	1.99	cps
Boron	11-1	199930	202609	206998	203179	1.76	cps
Bromine	81-1	126644	133294	138139	132692	4.35	cps
Cadmium	111-1	1576	1400	1484	1487	5.92	cps
Cadmium	106-1	7869	7010	7352	7411	5.83	cps
Cadmium	108-1	50	50	58	53	9.11	cps
Calcium	43-1	11042955	10710592	10969686	10907745	1.60	cps
Calcium	44-1	180435602	177190927	177956586	178527705	0.95	cps
Carbon	12-1	19542149	21049634	22097028	20896270	6.15	cps
Carbon	12-2	214097	217726	216464	216096	0.85	cps
Chlorine	35-1	1346458	1320775	1310495	1325910	1.40	cps
Chlorine	35-2	8094	7802	7736	7877	2.42	cps
Chromium	52-2	3227	3264	3254	3248	0.58	cps
Cobalt	59-2	9503	9193	9146	9281	2.09	cps
Copper	63-2	2244	2154	2020	2139	5.25	cps
Dysprosium	156-1	133	125	208	156	29.51	cps
Dysprosium	156-2	70	53	40	54	27.61	cps
Erbium	164-1	275	267	292	278	4.58	cps
Erbium	164-2	97	87	97	93	6.19	cps
Gadolinium	160-1	208	175	275	219	23.20	cps
Gadolinium	160-2	103	123	147	124	17.43	cps
Holmium	165-1	18006398	17550061	17998512	17851657	1.46	cps
Holmium	165-2	6022908	6064155	5973958	6020341	0.75	cps
Indium	115-1	16267646	16886312	15686748	16280235	3.68	cps
Indium	115-2	2030792	2025080	2033886	2029919	0.22	cps
Iron	54-2	439086	437633	427806	434841	1.41	cps
Iron	56-2	8207659	8021525	7827426	8018870	2.37	cps
Iron	57-2	204101	204434	201563	203366	0.77	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:47:13	DataFile Name :	175AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14020	14293	13971	14095	1.23	cps
Lead	206-1	2523	2228	2295	2348	6.58	cps
Lead	207-1	1984	1961	2056	2000	2.47	cps
Lead	208-1	9429	8757	9224	9137	3.77	cps
Lithium	6-1	8791333	8987305	9146061	8974900	1.98	cps
Magnesium	24-2	30750916	30144524	31058713	30651384	1.52	cps
Manganese	55-2	3114267	3028417	2922707	3021797	3.18	cps
Molybdenum	94-1	4968	4676	4834	4826	3.03	cps
Molybdenum	95-1	7677	7327	7511	7505	2.33	cps
Molybdenum	96-1	8853	8578	8453	8628	2.37	cps
Molybdenum	97-1	4601	4501	4418	4506	2.04	cps
Molybdenum	98-1	11655	10905	12247	11602	5.80	cps
Neodymium	150-1	180	167	187	178	5.73	cps
Neodymium	150-2	57	43	53	51	13.58	cps
Nickel	60-2	5818	5841	5601	5753	2.30	cps
Phosphorus	31-2	442	408	592	481	20.32	cps
Potassium	39-2	268439	262809	264064	265104	1.11	cps
Rhodium	103-1	14520788	14643696	14989023	14717835	1.65	cps
Rhodium	103-2	5354003	5342591	5243105	5313233	1.15	cps
Scandium	45-1	13582414	13377732	13118651	13359599	1.74	cps
Scandium	45-2	317444	322877	317934	319418	0.94	cps
Selenium	82-1	270	5	218	164	85.48	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	115	99	112	109	7.83	cps
Silicon	28-1	157409679	162078820	161996066	160494855	1.66	cps
Silver	107-1	283	283	233	267	10.83	cps
Silver	109-1	75	117	167	119	38.43	cps
Sodium	23-2	10785405	10520626	10526545	10610859	1.42	cps
Strontium	86-1	7674975	7763232	7610548	7682918	1.00	cps
Strontium	88-1	65893733	67256264	65801120	66317039	1.23	cps
Sulfur	34-1	18831506	18412336	18352219	18532020	1.41	cps
Terbium	159-1	17755928	17699808	18208478	17888071	1.56	cps
Terbium	159-2	5971824	6067209	6050183	6029739	0.84	cps
Thallium	203-1	258	258	325	281	13.72	cps
Thallium	205-1	700	767	683	717	6.15	cps
Tin	118-1	3125	2959	3150	3078	3.39	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:47:13	DataFile Name :	175AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10587	10829	10296	10571	2.53	cps
Uranium	238-1	23857	23756	22045	23219	4.39	cps
Vanadium	51-2	1000	1000	933	978	3.94	cps
Ytterbium	172-1	150	142	117	136	12.75	cps
Ytterbium	172-2	22	44	56	41	41.67	cps
Ytterbium	176-1	2359	2284	2259	2300	2.26	cps
Ytterbium	176-2	6402	7169	7263	6945	6.80	cps
Yttrium	89-1	26685712	27256571	26632242	26858175	1.29	cps
Yttrium	89-2	2459167	2420198	2364633	2414666	1.97	cps
Zinc	66-2	1353	1453	1353	1387	4.16	cps
Zirconium	90-1	1917	1992	2234	2047	8.08	cps
Zirconium	91-1	467	375	408	417	11.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:50:10	DataFile Name :	176AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2369	2364	2360	2364	0.19	cps
Antimony	121-1	433	442	533	469	11.82	cps
Arsenic	75-2	4298	4218	4222	4246	1.06	cps
Barium	135-1	39960	38246	38356	38854	2.47	cps
Barium	137-1	65267	64002	66096	65122	1.62	cps
Beryllium	9-1	46	50	30	42	25.20	cps
Bismuth	209-1	9991205	9700381	9450816	9714134	2.78	cps
Bismuth	209-2	4089384	4066400	4064863	4073549	0.34	cps
Boron	10-1	43378	43843	44750	43991	1.59	cps
Boron	11-1	203678	204543	203837	204019	0.23	cps
Bromine	81-1	125742	133601	138317	132553	4.79	cps
Cadmium	111-1	1440	1550	1528	1506	3.88	cps
Cadmium	106-1	7194	7527	7594	7438	2.88	cps
Cadmium	108-1	58	38	29	42	36.05	cps
Calcium	43-1	11494970	11394829	11187831	11359210	1.38	cps
Calcium	44-1	182571815	183093206	188575475	184746832	1.80	cps
Carbon	12-1	19334481	21659892	22309919	21101431	7.41	cps
Carbon	12-2	214897	217246	219274	217139	1.01	cps
Chlorine	35-1	1258207	1204385	1219468	1227354	2.26	cps
Chlorine	35-2	7452	7494	7719	7555	1.90	cps
Chromium	52-2	2150	2234	2224	2202	2.07	cps
Cobalt	59-2	8796	8896	9116	8936	1.83	cps
Copper	63-2	1417	1583	1590	1530	6.42	cps
Dysprosium	156-1	92	92	125	103	18.72	cps
Dysprosium	156-2	40	17	20	26	49.38	cps
Erbium	164-1	183	175	250	203	20.27	cps
Erbium	164-2	87	43	77	69	32.94	cps
Gadolinium	160-1	133	150	200	161	21.53	cps
Gadolinium	160-2	130	123	97	117	15.12	cps
Holmium	165-1	17636123	17838363	17115972	17530153	2.13	cps
Holmium	165-2	6048676	6153539	6185366	6129194	1.17	cps
Indium	115-1	15986830	15531421	16146501	15888251	2.01	cps
Indium	115-2	2053095	2012639	1968039	2011258	2.12	cps
Iron	54-2	344068	338764	342375	341736	0.79	cps
Iron	56-2	6414011	6443783	6267193	6374996	1.48	cps
Iron	57-2	168294	165937	162659	165630	1.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:50:10	DataFile Name :	176AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13834	13891	14037	13921	0.75	cps
Lead	206-1	2367	2300	2245	2304	2.66	cps
Lead	207-1	1700	2106	1839	1882	10.95	cps
Lead	208-1	8762	8740	8435	8646	2.12	cps
Lithium	6-1	8969641	8581078	8728033	8759584	2.24	cps
Magnesium	24-2	30777625	30214448	30792098	30594723	1.08	cps
Manganese	55-2	3035100	2954052	2904381	2964511	2.23	cps
Molybdenum	94-1	4818	4276	4559	4551	5.96	cps
Molybdenum	95-1	7544	8136	7978	7886	3.89	cps
Molybdenum	96-1	8219	8144	8411	8258	1.67	cps
Molybdenum	97-1	4509	4276	4376	4387	2.67	cps
Molybdenum	98-1	11155	10980	10788	10974	1.67	cps
Neodymium	150-1	133	87	80	100	29.06	cps
Neodymium	150-2	37	17	17	23	49.48	cps
Nickel	60-2	5354	5771	5474	5533	3.88	cps
Phosphorus	31-2	483	567	475	508	9.97	cps
Potassium	39-2	265457	270749	266224	267477	1.07	cps
Rhodium	103-1	14512418	14627076	14678064	14605853	0.58	cps
Rhodium	103-2	5380450	5312819	5380520	5357929	0.73	cps
Scandium	45-1	12974360	13528142	13055902	13186135	2.27	cps
Scandium	45-2	317618	319993	315717	317776	0.67	cps
Selenium	82-1	414	277	214	302	33.96	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	122	99	108	110	10.57	cps
Silicon	28-1	160673979	158522812	156788583	158661791	1.23	cps
Silver	107-1	333	267	308	303	11.12	cps
Silver	109-1	150	158	200	169	15.81	cps
Sodium	23-2	11042126	10594434	10743193	10793251	2.11	cps
Strontium	86-1	7909520	7857737	7896076	7887778	0.34	cps
Strontium	88-1	68835264	68616799	66072214	67841426	2.26	cps
Sulfur	34-1	19278288	18339639	17640409	18419446	4.46	cps
Terbium	159-1	18043273	19085745	18240028	18456349	3.00	cps
Terbium	159-2	6051041	5953502	6088615	6031053	1.16	cps
Thallium	203-1	375	325	250	317	19.87	cps
Thallium	205-1	708	567	783	686	16.04	cps
Tin	118-1	3326	3275	3125	3242	3.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:50:10	DataFile Name :	176AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7469	7952	7777	7733	3.17	cps
Uranium	238-1	22930	24633	23398	23654	3.72	cps
Vanadium	51-2	750	667	630	682	9.01	cps
Ytterbium	172-1	150	158	158	156	3.09	cps
Ytterbium	172-2	44	22	33	33	33.35	cps
Ytterbium	176-1	2409	2717	2242	2456	9.82	cps
Ytterbium	176-2	6452	6891	6857	6733	3.63	cps
Yttrium	89-1	27594951	27565526	26474615	27211697	2.35	cps
Yttrium	89-2	2421713	2379510	2441689	2414304	1.31	cps
Zinc	66-2	680	643	567	630	9.18	cps
Zirconium	90-1	2075	1542	1792	1803	14.80	cps
Zirconium	91-1	425	475	417	439	7.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-14	Instrumnet Name :	P8
Client Sample ID :	YAZ61	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:53:05	DataFile Name :	177AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14385	14603	14504	14498	0.75	cps
Antimony	121-1	325	467	283	358	26.82	cps
Arsenic	75-2	302	255	266	274	8.96	cps
Barium	135-1	42368	39827	40955	41050	3.10	cps
Barium	137-1	73963	72982	71005	72650	2.07	cps
Beryllium	9-1	36	50	40	42	17.17	cps
Bismuth	209-1	10223454	10124421	10326375	10224750	0.99	cps
Bismuth	209-2	4108228	4068253	4092340	4089607	0.49	cps
Boron	10-1	20733	21762	22547	21681	4.20	cps
Boron	11-1	99301	98529	98579	98803	0.44	cps
Bromine	81-1	114245	116932	119669	116949	2.32	cps
Cadmium	111-1	1567	1359	1457	1461	7.11	cps
Cadmium	106-1	7894	6710	7302	7302	8.11	cps
Cadmium	108-1	71	29	71	57	42.24	cps
Calcium	43-1	2125088	2012796	2020044	2052643	3.06	cps
Calcium	44-1	34823408	32750990	31996744	33190381	4.41	cps
Carbon	12-1	19310411	21041972	22522142	20958175	7.67	cps
Carbon	12-2	217155	215159	219712	217342	1.05	cps
Chlorine	35-1	1242942	1207259	1263850	1238017	2.31	cps
Chlorine	35-2	7019	7052	7135	7069	0.85	cps
Chromium	52-2	2510	2277	2327	2371	5.18	cps
Cobalt	59-2	1217	1330	1263	1270	4.49	cps
Copper	63-2	6105	5845	5921	5957	2.24	cps
Dysprosium	156-1	217	292	208	239	19.21	cps
Dysprosium	156-2	60	80	63	68	15.81	cps
Erbium	164-1	542	333	350	408	28.35	cps
Erbium	164-2	133	133	147	138	5.59	cps
Gadolinium	160-1	225	225	358	269	28.57	cps
Gadolinium	160-2	173	170	180	174	2.92	cps
Holmium	165-1	16869906	17382315	17391359	17214526	1.73	cps
Holmium	165-2	5954175	5772950	5990805	5905977	1.98	cps
Indium	115-1	15988286	15603010	15724265	15771854	1.25	cps
Indium	115-2	2008865	1971115	1929653	1969878	2.01	cps
Iron	54-2	29069	29325	28907	29100	0.72	cps
Iron	56-2	529442	511698	524755	521965	1.76	cps
Iron	57-2	14641	14775	14268	14561	1.80	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-14	Instrumnet Name :	P8
Client Sample ID :	YAZ61	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:53:05	DataFile Name :	177AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14119	14160	14205	14162	0.30	cps
Lead	206-1	2156	2356	2195	2235	4.74	cps
Lead	207-1	2028	1850	2006	1961	4.94	cps
Lead	208-1	8807	9118	8929	8951	1.75	cps
Lithium	6-1	9021360	8985948	9448255	9151854	2.81	cps
Magnesium	24-2	5634228	5498599	5551954	5561594	1.23	cps
Manganese	55-2	22111	22298	21930	22113	0.83	cps
Molybdenum	94-1	1892	1984	1917	1931	2.45	cps
Molybdenum	95-1	1884	1875	1725	1828	4.88	cps
Molybdenum	96-1	2725	2550	2817	2698	5.02	cps
Molybdenum	97-1	1075	1375	1342	1264	13.01	cps
Molybdenum	98-1	3284	3267	3159	3237	2.10	cps
Neodymium	150-1	280	260	307	282	8.30	cps
Neodymium	150-2	47	73	47	56	27.71	cps
Nickel	60-2	720	703	667	697	3.92	cps
Phosphorus	31-2	275	250	300	275	9.09	cps
Potassium	39-2	47186	48123	48716	48008	1.61	cps
Rhodium	103-1	14798251	14878935	14585263	14754149	1.03	cps
Rhodium	103-2	5256110	5293916	5480671	5343565	2.25	cps
Scandium	45-1	13364146	13118188	12987188	13156507	1.45	cps
Scandium	45-2	307607	303265	309150	306674	1.00	cps
Selenium	82-1	91	-71	-210	-63	-238.12	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	115	119	102	112	7.94	cps
Silicon	28-1	138862666	142705037	141860024	141142575	1.43	cps
Silver	107-1	267	275	292	278	4.58	cps
Silver	109-1	158	250	258	222	24.97	cps
Sodium	23-2	6264536	6326101	6131421	6240686	1.59	cps
Strontium	86-1	748469	728767	735998	737745	1.35	cps
Strontium	88-1	6179105	6193781	6347217	6240034	1.49	cps
Sulfur	34-1	2973777	2747192	2930874	2883947	4.17	cps
Terbium	159-1	18093826	17844505	18063745	18000692	0.76	cps
Terbium	159-2	6081680	6019818	5912772	6004757	1.42	cps
Thallium	203-1	333	283	292	303	8.85	cps
Thallium	205-1	625	467	517	536	15.10	cps
Tin	118-1	3401	3559	3501	3487	2.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-14	Instrumnet Name :	P8
Client Sample ID :	YAZ61	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:53:05	DataFile Name :	177AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17698	17136	16535	17123	3.40	cps
Uranium	238-1	500	400	483	461	11.62	cps
Vanadium	51-2	6008	6028	5831	5956	1.82	cps
Ytterbium	172-1	183	250	275	236	20.07	cps
Ytterbium	172-2	61	44	100	69	41.60	cps
Ytterbium	176-1	2284	2084	2134	2167	4.80	cps
Ytterbium	176-2	6518	6518	6296	6444	1.99	cps
Yttrium	89-1	26422740	26853127	27662419	26979429	2.33	cps
Yttrium	89-2	2367912	2306171	2344391	2339491	1.33	cps
Zinc	66-2	1963	2214	2140	2106	6.10	cps
Zirconium	90-1	2559	2900	2884	2781	6.93	cps
Zirconium	91-1	533	508	550	531	3.95	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-15	Instrumnet Name :	P8
Client Sample ID :	YAZ63	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:56:03	DataFile Name :	178AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	588248	577052	574186	579828	1.28	cps
Antimony	121-1	1017	858	750	875	15.33	cps
Arsenic	75-2	694	622	640	652	5.75	cps
Barium	135-1	179499	181321	180750	180523	0.52	cps
Barium	137-1	310003	316905	323784	316897	2.17	cps
Beryllium	9-1	646	708	752	702	7.59	cps
Bismuth	209-1	10259474	10599511	10129346	10329444	2.35	cps
Bismuth	209-2	4208125	4132788	4080967	4140627	1.54	cps
Boron	10-1	20919	21033	21524	21159	1.52	cps
Boron	11-1	95640	97242	100506	97796	2.54	cps
Bromine	81-1	108082	114607	113903	112198	3.19	cps
Cadmium	111-1	1553	1559	1320	1477	9.25	cps
Cadmium	106-1	7469	7436	6610	7172	6.78	cps
Cadmium	108-1	88	58	117	88	33.34	cps
Calcium	43-1	2148593	2135088	2161331	2148337	0.61	cps
Calcium	44-1	34640622	35190411	34291489	34707507	1.31	cps
Carbon	12-1	23123176	24625618	25683131	24477308	5.26	cps
Carbon	12-2	255455	257354	253603	255471	0.73	cps
Chlorine	35-1	1174727	1194088	1219121	1195979	1.86	cps
Chlorine	35-2	7369	6327	7569	7088	9.41	cps
Chromium	52-2	19540	18956	19166	19221	1.54	cps
Cobalt	59-2	25510	25259	25804	25524	1.07	cps
Copper	63-2	62450	61265	61031	61582	1.24	cps
Dysprosium	156-1	6919	7169	7044	7044	1.78	cps
Dysprosium	156-2	2347	2434	2144	2308	6.45	cps
Erbium	164-1	8436	8211	7744	8131	4.34	cps
Erbium	164-2	2810	2787	2547	2715	5.37	cps
Gadolinium	160-1	6969	6752	6877	6866	1.59	cps
Gadolinium	160-2	2604	2644	2624	2624	0.76	cps
Holmium	165-1	18352111	18086781	17164158	17867683	3.49	cps
Holmium	165-2	6131207	6374201	5947433	6150947	3.48	cps
Indium	115-1	16027124	16292282	15525509	15948305	2.44	cps
Indium	115-2	2048165	2102030	2029236	2059810	1.83	cps
Iron	54-2	1329756	1300856	1307110	1312574	1.16	cps
Iron	56-2	24265338	24070917	24126937	24154397	0.41	cps
Iron	57-2	599072	596004	587550	594209	1.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-15	Instrumnet Name :	P8
Client Sample ID :	YAZ63	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:56:03	DataFile Name :	178AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12947	13136	13177	13087	0.94	cps
Lead	206-1	16528	15888	17607	16674	5.21	cps
Lead	207-1	14559	13591	14247	14132	3.50	cps
Lead	208-1	66256	65334	67860	66483	1.92	cps
Lithium	6-1	9231541	9283146	8652255	9055647	3.87	cps
Magnesium	24-2	6034779	5754056	5961755	5916863	2.46	cps
Manganese	55-2	414643	409828	416806	413759	0.86	cps
Molybdenum	94-1	13582	13215	13148	13315	1.75	cps
Molybdenum	95-1	2734	2759	2892	2795	3.05	cps
Molybdenum	96-1	6894	6727	6552	6724	2.54	cps
Molybdenum	97-1	1650	1708	1834	1731	5.41	cps
Molybdenum	98-1	4167	4493	4026	4229	5.66	cps
Neodymium	150-1	8656	8836	8703	8732	1.07	cps
Neodymium	150-2	2257	2467	2090	2271	8.31	cps
Nickel	60-2	5174	5074	4984	5078	1.87	cps
Phosphorus	31-2	542	650	608	600	9.11	cps
Potassium	39-2	218020	215908	213659	215863	1.01	cps
Rhodium	103-1	14988150	14620384	14424649	14677728	1.95	cps
Rhodium	103-2	5240725	5494900	5310211	5348612	2.46	cps
Scandium	45-1	13282338	13346378	12527257	13051991	3.49	cps
Scandium	45-2	313640	321102	312403	315715	1.49	cps
Selenium	82-1	138	186	216	180	22.08	cps
Selenium	77-2	30	10	13	18	60.28	cps
Selenium	78-2	149	117	116	127	14.74	cps
Silicon	28-1	246658747	244970839	237552480	243060689	1.99	cps
Silver	107-1	350	408	450	403	12.47	cps
Silver	109-1	250	325	333	303	15.16	cps
Sodium	23-2	6703014	6424730	6522860	6550202	2.15	cps
Strontium	86-1	814118	822421	825735	820758	0.73	cps
Strontium	88-1	6929797	7009079	6833916	6924264	1.27	cps
Sulfur	34-1	2798804	2790146	2780072	2789674	0.34	cps
Terbium	159-1	17771304	18208895	18410836	18130345	1.80	cps
Terbium	159-2	6109327	6144145	5906896	6053456	2.12	cps
Thallium	203-1	567	683	667	639	9.88	cps
Thallium	205-1	1475	1275	1725	1492	15.12	cps
Tin	118-1	4126	3951	3884	3987	3.13	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-15	Instrumnet Name :	P8
Client Sample ID :	YAZ63	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:56:03	DataFile Name :	178AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	502541	527663	523674	517959	2.61	cps
Uranium	238-1	4042	3909	3626	3859	5.52	cps
Vanadium	51-2	92161	90441	90908	91170	0.98	cps
Ytterbium	172-1	3100	3467	2792	3120	10.83	cps
Ytterbium	172-2	1317	1145	1211	1224	7.09	cps
Ytterbium	176-1	4059	3876	4109	4015	3.06	cps
Ytterbium	176-2	6913	7786	7408	7369	5.94	cps
Yttrium	89-1	27119879	27091444	25825811	26679045	2.77	cps
Yttrium	89-2	2427739	2407201	2379198	2404713	1.01	cps
Zinc	66-2	8346	8423	8616	8462	1.65	cps
Zirconium	90-1	33942	34936	35020	34633	1.73	cps
Zirconium	91-1	7827	7694	7511	7677	2.07	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2067-16 Instrumnet Name : P8
 Client Sample ID : YAZ40 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 21:58:58 DataFile Name : 179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	909	864	799	857	6.45	cps
Antimony	121-1	2200	2134	2309	2214	3.99	cps
Arsenic	75-2	73289	74985	74082	74119	1.15	cps
Barium	135-1	96545	91954	94496	94332	2.44	cps
Barium	137-1	168599	163103	165426	165709	1.67	cps
Beryllium	9-1	44	28	46	39	25.09	cps
Bismuth	209-1	8937242	9276791	9066452	9093495	1.88	cps
Bismuth	209-2	3899464	3787307	3979749	3888840	2.49	cps
Boron	10-1	77525	82330	82933	80929	3.66	cps
Boron	11-1	365581	372193	368536	368770	0.90	cps
Bromine	81-1	120456	133277	141835	131856	8.16	cps
Cadmium	111-1	1495	1617	1527	1546	4.11	cps
Cadmium	106-1	6885	7477	7135	7166	4.15	cps
Cadmium	108-1	58	58	54	57	4.22	cps
Calcium	43-1	20088240	19806673	19716072	19870329	0.98	cps
Calcium	44-1	329833787	323079851	308368090	320427243	3.43	cps
Carbon	12-1	21012550	22997436	24075871	22695286	6.85	cps
Carbon	12-2	226849	236301	236821	233324	2.41	cps
Chlorine	35-1	1243103	1224109	1181541	1216251	2.59	cps
Chlorine	35-2	7686	7410	7552	7549	1.82	cps
Chromium	52-2	1627	1707	1787	1707	4.69	cps
Cobalt	59-2	15232	15772	15298	15434	1.91	cps
Copper	63-2	5531	5605	5875	5670	3.19	cps
Dysprosium	156-1	125	67	83	92	32.77	cps
Dysprosium	156-2	33	23	23	27	21.65	cps
Erbium	164-1	200	217	183	200	8.33	cps
Erbium	164-2	77	70	90	79	12.91	cps
Gadolinium	160-1	125	208	175	169	24.75	cps
Gadolinium	160-2	130	110	107	116	10.92	cps
Holmium	165-1	16687417	17284550	16980439	16984136	1.76	cps
Holmium	165-2	6058798	6039791	6137617	6078735	0.85	cps
Indium	115-1	15183789	15275479	15086485	15181918	0.62	cps
Indium	115-2	1997963	1987740	1964941	1983548	0.85	cps
Iron	54-2	1156345	1154006	1151155	1153836	0.23	cps
Iron	56-2	21988042	22289001	21652790	21976611	1.45	cps
Iron	57-2	544153	561837	547491	551161	1.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:58:58	DataFile Name :	179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13690	13377	13048	13372	2.40	cps
Lead	206-1	2000	1911	2084	1998	4.31	cps
Lead	207-1	1645	1884	1783	1771	6.78	cps
Lead	208-1	8007	7934	8251	8064	2.06	cps
Lithium	6-1	8857293	8786231	8946552	8863359	0.91	cps
Magnesium	24-2	54987807	56118168	57236555	56114177	2.00	cps
Manganese	55-2	676003	669842	675626	673824	0.51	cps
Molybdenum	94-1	24606	25040	23078	24241	4.25	cps
Molybdenum	95-1	40944	42432	40811	41396	2.17	cps
Molybdenum	96-1	47875	45894	46345	46705	2.22	cps
Molybdenum	97-1	26083	25382	26534	26000	2.23	cps
Molybdenum	98-1	66167	65246	65556	65656	0.71	cps
Neodymium	150-1	87	87	53	76	25.48	cps
Neodymium	150-2	13	23	40	26	52.73	cps
Nickel	60-2	10788	11048	11221	11019	1.98	cps
Phosphorus	31-2	292	350	283	308	11.78	cps
Potassium	39-2	633391	630005	633404	632267	0.31	cps
Rhodium	103-1	13890466	13604565	13453416	13649483	1.63	cps
Rhodium	103-2	5027943	5252119	5175264	5151776	2.21	cps
Scandium	45-1	12854967	12914783	12497278	12755676	1.77	cps
Scandium	45-2	308337	314549	310715	311200	1.01	cps
Selenium	82-1	-50	372	425	249	104.58	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	119	110	121	117	5.02	cps
Silicon	28-1	136505932	139370586	139806449	138560989	1.29	cps
Silver	107-1	275	217	450	314	38.69	cps
Silver	109-1	108	267	125	167	52.20	cps
Sodium	23-2	20677497	20485468	20761434	20641466	0.69	cps
Strontium	86-1	41812561	42186298	42765138	42254666	1.14	cps
Strontium	88-1	359096566	363374383	360031391	360834114	0.62	cps
Sulfur	34-1	37740382	37177002	36778489	37231958	1.30	cps
Terbium	159-1	18315514	18221533	18260156	18265734	0.26	cps
Terbium	159-2	6118889	6131535	5985693	6078706	1.33	cps
Thallium	203-1	283	267	275	275	3.03	cps
Thallium	205-1	625	800	775	733	12.91	cps
Tin	118-1	3217	3117	3084	3139	2.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 21:58:58	DataFile Name :	179AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3134	3242	3075	3150	2.69	cps
Uranium	238-1	66476	65579	67815	66624	1.69	cps
Vanadium	51-2	260	183	223	222	17.26	cps
Ytterbium	172-1	92	192	167	150	34.69	cps
Ytterbium	172-2	33	56	78	56	40.00	cps
Ytterbium	176-1	2142	2092	2034	2089	2.60	cps
Ytterbium	176-2	6368	6552	6930	6617	4.33	cps
Yttrium	89-1	25578103	26380272	26382100	26113492	1.78	cps
Yttrium	89-2	2291521	2418667	2473417	2394535	3.90	cps
Zinc	66-2	2750	3020	2860	2877	4.72	cps
Zirconium	90-1	2067	2367	2234	2222	6.76	cps
Zirconium	91-1	825	692	858	792	11.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:10:04	DataFile Name :	182CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4968749	4931886	4774022	4891552	2.11	cps
Antimony	121-1	5350539	5423309	5237798	5337215	1.75	cps
Arsenic	75-2	164308	161956	163201	163155	0.72	cps
Barium	135-1	7851526	7763691	7695312	7770177	1.01	cps
Barium	137-1	13588469	13401497	13236551	13408839	1.31	cps
Beryllium	9-1	2579098	2572322	2612710	2588043	0.84	cps
Bismuth	209-1	8666901	8528271	8837037	8677403	1.78	cps
Bismuth	209-2	3858248	3791840	3708422	3786170	1.98	cps
Boron	10-1	591495	595592	618543	601876	2.42	cps
Boron	11-1	2403333	2479547	2445037	2442639	1.56	cps
Bromine	81-1	75293	77381	78365	77013	2.04	cps
Cadmium	111-1	1645359	1610922	1588068	1614783	1.79	cps
Cadmium	106-1	194233	197187	197260	196227	0.88	cps
Cadmium	108-1	129175	134199	130285	131220	2.01	cps
Calcium	43-1	14056207	13473534	13725799	13751846	2.12	cps
Calcium	44-1	217483511	221280128	220042386	219602009	0.88	cps
Carbon	12-1	11184389	11406853	11399614	11330285	1.12	cps
Carbon	12-2	113825	115495	116210	115177	1.06	cps
Chlorine	35-1	845986	841154	853706	846949	0.75	cps
Chlorine	35-2	5484	4884	5084	5151	5.93	cps
Chromium	52-2	1692695	1610467	1662548	1655236	2.51	cps
Cobalt	59-2	2921603	2892597	2898461	2904220	0.53	cps
Copper	63-2	21930438	21018916	21607410	21518921	2.15	cps
Dysprosium	156-1	1000	917	1050	989	6.81	cps
Dysprosium	156-2	343	317	290	317	8.42	cps
Erbium	164-1	258	300	300	286	8.41	cps
Erbium	164-2	60	80	93	78	21.57	cps
Gadolinium	160-1	733	758	675	722	5.92	cps
Gadolinium	160-2	383	367	307	352	11.45	cps
Holmium	165-1	17067098	17124003	16836623	17009242	0.89	cps
Holmium	165-2	6055104	5981864	5859065	5965344	1.66	cps
Indium	115-1	15122154	14729490	15025633	14959092	1.37	cps
Indium	115-2	1980098	1891179	1914792	1928690	2.39	cps
Iron	54-2	18189200	17181648	17727156	17699335	2.85	cps
Iron	56-2	325056841	317174407	314766307	318999185	1.69	cps
Iron	57-2	8436368	7958518	8119134	8171340	2.98	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:10:04	DataFile Name :	182CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13403	13416	13604	13474	0.83	cps
Lead	206-1	20885942	20500138	20672165	20686082	0.93	cps
Lead	207-1	18628081	17756333	17888623	18091012	2.60	cps
Lead	208-1	83953207	81744216	82426900	82708108	1.37	cps
Lithium	6-1	8609405	8335944	8469983	8471777	1.61	cps
Magnesium	24-2	65885983	66910818	64512676	65769826	1.83	cps
Manganese	55-2	9083386	8810842	8973189	8955806	1.53	cps
Molybdenum	94-1	24513246	24369124	24053783	24312051	0.97	cps
Molybdenum	95-1	34864363	34454348	34019604	34446105	1.23	cps
Molybdenum	96-1	38221587	37050973	37104935	37459165	1.76	cps
Molybdenum	97-1	21858310	20500543	20965094	21107982	3.27	cps
Molybdenum	98-1	56048772	54411351	54451637	54970587	1.70	cps
Neodymium	150-1	640	667	640	649	2.37	cps
Neodymium	150-2	73	43	33	50	41.64	cps
Nickel	60-2	798436	784935	781558	788310	1.13	cps
Phosphorus	31-2	57691	55976	57507	57058	1.65	cps
Potassium	39-2	25915542	25283793	24987153	25395496	1.87	cps
Rhodium	103-1	13870595	13172837	13697812	13580415	2.68	cps
Rhodium	103-2	4990067	5004280	4987582	4993976	0.18	cps
Scandium	45-1	12757945	12429589	12335374	12507636	1.77	cps
Scandium	45-2	315130	310129	311566	312275	0.82	cps
Selenium	82-1	159928	159915	159270	159704	0.24	cps
Selenium	77-2	3844	3921	4074	3946	2.97	cps
Selenium	78-2	13731	13131	13465	13442	2.23	cps
Silicon	28-1	34098288	34090618	34667851	34285586	0.97	cps
Silver	107-1	8541125	8788603	8862390	8730706	1.93	cps
Silver	109-1	8294703	8328435	8153714	8258950	1.12	cps
Sodium	23-2	127774561	126177278	126514911	126822250	0.66	cps
Strontium	86-1	2511328	2485780	2564289	2520466	1.59	cps
Strontium	88-1	20501733	21914353	22012090	21476058	3.94	cps
Sulfur	34-1	1293270	1283819	1270597	1282562	0.89	cps
Terbium	159-1	17972991	17429253	17436325	17612857	1.77	cps
Terbium	159-2	6129929	6081316	5782094	5997780	3.14	cps
Thallium	203-1	5159230	5106177	5274767	5180058	1.66	cps
Thallium	205-1	12098337	11997349	11977673	12024453	0.54	cps
Tin	118-1	5442160	5452944	5390372	5428492	0.62	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV93	Instrumnet Name :	P8
Client Sample ID :	CCV93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:10:04	DataFile Name :	182CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11643323	11854417	11859985	11785909	1.05	cps
Uranium	238-1	16175846	16290427	16122213	16196162	0.53	cps
Vanadium	51-2	1429825	1318386	1341628	1363280	4.31	cps
Ytterbium	172-1	275	217	267	253	12.48	cps
Ytterbium	172-2	78	72	111	87	24.17	cps
Ytterbium	176-1	25200	25943	24882	25342	2.15	cps
Ytterbium	176-2	14547	14931	14113	14530	2.82	cps
Yttrium	89-1	25060021	26251048	26515845	25942305	2.99	cps
Yttrium	89-2	2398075	2346804	2386123	2377001	1.13	cps
Zinc	66-2	2670107	2656239	2668002	2664782	0.28	cps
Zirconium	90-1	12525491	12476917	12660236	12554215	0.76	cps
Zirconium	91-1	2771575	2896695	2822606	2830292	2.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:16:17	DataFile Name :	183CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231	227	211	223	4.76	cps
Antimony	121-1	1358	1417	2009	1595	22.56	cps
Arsenic	75-2	6	7	11	8	33.07	cps
Barium	135-1	217	175	117	169	29.65	cps
Barium	137-1	392	183	258	278	37.99	cps
Beryllium	9-1	148	158	154	153	3.28	cps
Bismuth	209-1	9819818	10054764	9449037	9774540	3.12	cps
Bismuth	209-2	4103044	4124509	4088497	4105350	0.44	cps
Boron	10-1	24798	23849	23008	23885	3.75	cps
Boron	11-1	112268	108589	103138	107999	4.25	cps
Bromine	81-1	75535	77959	80678	78057	3.30	cps
Cadmium	111-1	1490	1447	1559	1499	3.76	cps
Cadmium	106-1	7044	6727	7419	7063	4.90	cps
Cadmium	108-1	92	63	113	89	28.25	cps
Calcium	43-1	589	555	505	550	7.67	cps
Calcium	44-1	21071	20703	20594	20789	1.20	cps
Carbon	12-1	9564586	9142262	9440229	9382359	2.31	cps
Carbon	12-2	84736	85843	87938	86172	1.89	cps
Chlorine	35-1	849875	898148	885717	877913	2.86	cps
Chlorine	35-2	5460	5585	5026	5357	5.47	cps
Chromium	52-2	1520	1430	1440	1463	3.37	cps
Cobalt	59-2	153	107	107	122	22.05	cps
Copper	63-2	1557	1467	1360	1461	6.74	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	100	133	108	114	15.23	cps
Erbium	164-2	60	43	47	50	17.64	cps
Gadolinium	160-1	83	100	75	86	14.78	cps
Gadolinium	160-2	73	70	97	80	18.17	cps
Holmium	165-1	16191070	17177597	16809871	16726180	2.98	cps
Holmium	165-2	5871367	6057875	5816987	5915410	2.14	cps
Indium	115-1	15931079	15780653	16039515	15917082	0.82	cps
Indium	115-2	2074628	2036934	1997920	2036494	1.88	cps
Iron	54-2	1072	1045	1095	1070	2.34	cps
Iron	56-2	10860	10415	10198	10491	3.21	cps
Iron	57-2	311	250	272	278	11.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:16:17	DataFile Name :	183CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13906	13818	13869	13864	0.32	cps
Lead	206-1	2000	1939	2045	1995	2.66	cps
Lead	207-1	1733	1706	1817	1752	3.30	cps
Lead	208-1	8029	7629	8123	7927	3.31	cps
Lithium	6-1	9559371	9098932	9282352	9313552	2.49	cps
Magnesium	24-2	1842	1525	1750	1706	9.55	cps
Manganese	55-2	197	317	280	264	23.25	cps
Molybdenum	94-1	1258	1317	1025	1200	12.86	cps
Molybdenum	95-1	1408	883	1000	1097	25.13	cps
Molybdenum	96-1	1767	1442	1558	1589	10.36	cps
Molybdenum	97-1	750	558	658	656	14.62	cps
Molybdenum	98-1	1875	1800	1433	1703	13.88	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	77	70	43	63	27.85	cps
Phosphorus	31-2	133	133	125	131	3.69	cps
Potassium	39-2	19313	19630	20390	19778	2.80	cps
Rhodium	103-1	15330893	14793270	15403601	15175921	2.20	cps
Rhodium	103-2	5553815	5533354	5331722	5472964	2.24	cps
Scandium	45-1	12480282	12613275	12525096	12539551	0.54	cps
Scandium	45-2	306476	311320	311716	309837	0.94	cps
Selenium	82-1	-168	-171	-124	-154	-17.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	116	115	103	111	6.50	cps
Silicon	28-1	846578	857096	855603	853093	0.67	cps
Silver	107-1	958	1025	892	958	6.96	cps
Silver	109-1	583	733	792	703	15.29	cps
Sodium	23-2	23670	22651	22852	23058	2.34	cps
Strontium	86-1	22343	21676	22844	22288	2.63	cps
Strontium	88-1	2475	2175	2150	2267	7.98	cps
Sulfur	34-1	410250	419639	416803	415564	1.16	cps
Terbium	159-1	17435455	17667369	18568226	17890350	3.34	cps
Terbium	159-2	6009288	5992226	5789229	5930248	2.06	cps
Thallium	203-1	1075	975	1192	1081	10.04	cps
Thallium	205-1	2717	2734	2759	2736	0.77	cps
Tin	118-1	1925	2059	2125	2036	5.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB93	Instrumnet Name :	P8
Client Sample ID :	CCB93	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:16:17	DataFile Name :	183CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	717	575	692	661	11.44	cps
Uranium	238-1	367	300	250	306	19.16	cps
Vanadium	51-2	37	30	47	38	22.21	cps
Ytterbium	172-1	100	92	83	92	9.09	cps
Ytterbium	172-2	22	50	17	30	60.27	cps
Ytterbium	176-1	2192	2125	2109	2142	2.06	cps
Ytterbium	176-2	6707	7052	7019	6926	2.74	cps
Yttrium	89-1	25596326	25774035	26749048	26039803	2.38	cps
Yttrium	89-2	2465676	2331590	2382294	2393187	2.83	cps
Zinc	66-2	290	203	270	254	17.83	cps
Zirconium	90-1	1992	1784	1617	1797	10.45	cps
Zirconium	91-1	308	367	450	375	18.99	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2067-17 Instrumnet Name : P8
 Client Sample ID : YAZ58 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 22:19:18 DataFile Name : 184AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696	679	675	683	1.66	cps
Antimony	121-1	1575	1550	1600	1575	1.59	cps
Arsenic	75-2	15333	15206	15184	15241	0.53	cps
Barium	135-1	123302	124676	126442	124807	1.26	cps
Barium	137-1	220398	216864	223895	220386	1.60	cps
Beryllium	9-1	114	182	164	153	22.98	cps
Bismuth	209-1	9180651	8903020	9325359	9136343	2.35	cps
Bismuth	209-2	3860239	3994532	4029343	3961371	2.25	cps
Boron	10-1	95522	97775	102407	98568	3.56	cps
Boron	11-1	429500	446252	472000	449251	4.77	cps
Bromine	81-1	116844	125305	135200	125783	7.30	cps
Cadmium	111-1	1580	1459	1576	1538	4.48	cps
Cadmium	106-1	7336	6827	7302	7155	3.98	cps
Cadmium	108-1	83	117	67	89	28.64	cps
Calcium	43-1	21739651	23175179	23444176	22786335	4.02	cps
Calcium	44-1	361178348	365310211	374338122	366942227	1.83	cps
Carbon	12-1	17345861	19356012	20821866	19174580	9.10	cps
Carbon	12-2	203374	205371	209003	205916	1.39	cps
Chlorine	35-1	856417	929404	947952	911258	5.31	cps
Chlorine	35-2	5835	5660	6235	5910	4.99	cps
Chromium	52-2	4444	4407	4167	4340	3.46	cps
Cobalt	59-2	60806	58068	59708	59528	2.31	cps
Copper	63-2	12769	12155	12215	12380	2.73	cps
Dysprosium	156-1	67	100	125	97	30.10	cps
Dysprosium	156-2	20	37	47	34	39.11	cps
Erbium	164-1	175	217	275	222	22.60	cps
Erbium	164-2	67	77	43	62	27.50	cps
Gadolinium	160-1	58	133	175	122	48.37	cps
Gadolinium	160-2	107	103	127	112	11.25	cps
Holmium	165-1	17530780	17267530	17281819	17360043	0.85	cps
Holmium	165-2	6174541	6097644	6124945	6132377	0.64	cps
Indium	115-1	15656412	15520936	15120413	15432587	1.81	cps
Indium	115-2	1983988	2015416	2000062	1999822	0.79	cps
Iron	54-2	544664	561636	549484	551928	1.58	cps
Iron	56-2	10585794	10296584	10000759	10294379	2.84	cps
Iron	57-2	270885	269668	269705	270086	0.26	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:19:18	DataFile Name :	184AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13884	14224	14300	14136	1.57	cps
Lead	206-1	3589	3806	3906	3767	4.30	cps
Lead	207-1	3223	3512	3362	3365	4.29	cps
Lead	208-1	14715	15637	15387	15246	3.13	cps
Lithium	6-1	8599785	8726479	8836531	8720932	1.36	cps
Magnesium	24-2	54604476	52661069	54584780	53950109	2.07	cps
Manganese	55-2	4520294	4476657	4348672	4448541	2.01	cps
Molybdenum	94-1	5951	6727	6927	6535	7.88	cps
Molybdenum	95-1	9845	9770	10187	9934	2.24	cps
Molybdenum	96-1	9921	10896	10771	10529	5.04	cps
Molybdenum	97-1	5868	5593	6010	5824	3.64	cps
Molybdenum	98-1	14174	14400	13724	14099	2.44	cps
Neodymium	150-1	67	80	40	62	32.73	cps
Neodymium	150-2	27	13	7	16	65.47	cps
Nickel	60-2	12576	12579	12446	12533	0.61	cps
Phosphorus	31-2	183	192	183	186	2.58	cps
Potassium	39-2	838534	822953	810702	824063	1.69	cps
Rhodium	103-1	13886923	13930654	14528729	14115436	2.54	cps
Rhodium	103-2	5218461	5236017	5242090	5232189	0.23	cps
Scandium	45-1	13035159	13257805	13219729	13170898	0.90	cps
Scandium	45-2	321770	317941	316626	318779	0.84	cps
Selenium	82-1	614	395	677	562	26.29	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	108	128	117	118	8.51	cps
Silicon	28-1	108350227	111132140	110191257	109891208	1.29	cps
Silver	107-1	692	517	600	603	14.52	cps
Silver	109-1	500	425	517	481	10.16	cps
Sodium	23-2	14899072	14927150	15242155	15022792	1.27	cps
Strontium	86-1	49616601	48125255	50705343	49482400	2.62	cps
Strontium	88-1	424833293	420819051	439724627	428458990	2.32	cps
Sulfur	34-1	40397512	41092462	40651302	40713759	0.86	cps
Terbium	159-1	17787896	18194063	18064017	18015325	1.15	cps
Terbium	159-2	6134656	5942626	5980528	6019270	1.69	cps
Thallium	203-1	850	817	992	886	10.49	cps
Thallium	205-1	2042	2142	1817	2000	8.32	cps
Tin	118-1	3559	3251	3542	3451	5.03	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:19:18	DataFile Name :	184AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2875	3017	2892	2928	2.64	cps
Uranium	238-1	19799	20033	20175	20002	0.95	cps
Vanadium	51-2	220	187	177	194	11.67	cps
Ytterbium	172-1	150	117	158	142	15.56	cps
Ytterbium	172-2	22	28	44	31	36.74	cps
Ytterbium	176-1	2392	2050	2075	2172	8.77	cps
Ytterbium	176-2	6580	6591	6874	6681	2.50	cps
Yttrium	89-1	26965129	26302232	26959390	26742250	1.43	cps
Yttrium	89-2	2480891	2431368	2447731	2453330	1.03	cps
Zinc	66-2	1820	1767	1833	1807	1.95	cps
Zirconium	90-1	2759	2875	2967	2867	3.64	cps
Zirconium	91-1	625	650	783	686	12.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:22:16	DataFile Name :	185AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	636	625	643	3.42	cps
Antimony	121-1	475	408	575	486	17.26	cps
Arsenic	75-2	92131	90767	91161	91353	0.77	cps
Barium	135-1	113274	109988	115527	112930	2.47	cps
Barium	137-1	195098	194796	196275	195390	0.40	cps
Beryllium	9-1	102	112	126	113	10.64	cps
Bismuth	209-1	9119633	9132552	8949067	9067084	1.13	cps
Bismuth	209-2	3974979	3877624	3888603	3913735	1.36	cps
Boron	10-1	109505	114580	114076	112720	2.48	cps
Boron	11-1	526662	524065	535008	528578	1.08	cps
Bromine	81-1	132476	135604	147589	138557	5.76	cps
Cadmium	111-1	1640	1428	1508	1525	7.02	cps
Cadmium	106-1	7736	6885	7352	7324	5.81	cps
Cadmium	108-1	46	58	71	58	21.43	cps
Calcium	43-1	19528347	20542350	19452788	19841162	3.07	cps
Calcium	44-1	323184925	318155614	315778322	319039620	1.19	cps
Carbon	12-1	19028128	20635037	21521666	20394944	6.20	cps
Carbon	12-2	211480	221624	220027	217710	2.51	cps
Chlorine	35-1	975623	992938	976323	981628	1.00	cps
Chlorine	35-2	6352	6652	6293	6432	2.99	cps
Chromium	52-2	1787	1833	1917	1846	3.57	cps
Cobalt	59-2	1653	1663	1560	1626	3.51	cps
Copper	63-2	1563	1627	1550	1580	2.59	cps
Dysprosium	156-1	58	67	100	75	29.40	cps
Dysprosium	156-2	40	17	20	26	49.38	cps
Erbium	164-1	192	175	117	161	24.44	cps
Erbium	164-2	50	70	40	53	28.64	cps
Gadolinium	160-1	125	117	150	131	13.29	cps
Gadolinium	160-2	130	113	130	124	7.73	cps
Holmium	165-1	17402121	17748937	17047256	17399438	2.02	cps
Holmium	165-2	6239248	6103112	6212445	6184935	1.17	cps
Indium	115-1	15793823	15596624	15299085	15563177	1.60	cps
Indium	115-2	2011382	2018507	2024221	2018037	0.32	cps
Iron	54-2	1957876	1946582	1898889	1934449	1.62	cps
Iron	56-2	36427136	36152602	35435024	36004921	1.42	cps
Iron	57-2	883976	887196	862444	877872	1.53	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:22:16	DataFile Name :	185AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13851	13641	13946	13813	1.13	cps
Lead	206-1	2800	2689	2661	2717	2.71	cps
Lead	207-1	2500	2456	2195	2384	6.93	cps
Lead	208-1	11141	10785	10858	10928	1.72	cps
Lithium	6-1	8924078	8992813	8379400	8765430	3.83	cps
Magnesium	24-2	66490541	62567362	60959206	63339036	4.49	cps
Manganese	55-2	5601308	5634248	5432956	5556171	1.94	cps
Molybdenum	94-1	2384	2359	2359	2367	0.61	cps
Molybdenum	95-1	2892	2767	2634	2764	4.67	cps
Molybdenum	96-1	5034	4718	4951	4901	3.35	cps
Molybdenum	97-1	900	1217	1258	1125	17.42	cps
Molybdenum	98-1	2667	2584	2825	2692	4.56	cps
Neodymium	150-1	80	120	87	96	22.43	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	1123	1140	1020	1095	5.94	cps
Phosphorus	31-2	2634	2759	2475	2623	5.42	cps
Potassium	39-2	758684	765886	733086	752552	2.29	cps
Rhodium	103-1	14377255	13612061	13895601	13961639	2.77	cps
Rhodium	103-2	5323933	5189722	5301967	5271874	1.37	cps
Scandium	45-1	13007118	12850743	12963189	12940350	0.62	cps
Scandium	45-2	319101	320505	308298	315968	2.11	cps
Selenium	82-1	229	673	158	353	79.07	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	96	111	101	103	7.44	cps
Silicon	28-1	146963907	146422391	146140424	146508907	0.29	cps
Silver	107-1	550	500	442	497	10.90	cps
Silver	109-1	325	625	375	442	36.41	cps
Sodium	23-2	16624764	15876263	15831329	16110786	2.77	cps
Strontium	86-1	33824759	34200771	34121246	34048925	0.58	cps
Strontium	88-1	293129240	289290115	294156065	292191807	0.88	cps
Sulfur	34-1	39185137	39385320	37985486	38851981	1.95	cps
Terbium	159-1	17913970	18069094	18362894	18115319	1.26	cps
Terbium	159-2	6170058	6223746	5991021	6128275	1.99	cps
Thallium	203-1	583	583	750	639	15.06	cps
Thallium	205-1	1475	1775	1508	1586	10.37	cps
Tin	118-1	4176	3784	3559	3840	8.13	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:22:16	DataFile Name :	185AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3376	3534	3634	3514	3.71	cps
Uranium	238-1	1292	1292	1258	1281	1.50	cps
Vanadium	51-2	317	270	283	290	8.29	cps
Ytterbium	172-1	83	125	125	111	21.65	cps
Ytterbium	172-2	50	44	28	41	28.38	cps
Ytterbium	176-1	2200	2367	2350	2306	3.98	cps
Ytterbium	176-2	6524	6746	6780	6683	2.08	cps
Yttrium	89-1	26345356	26392740	26457065	26398387	0.21	cps
Yttrium	89-2	2507692	2414422	2495007	2472373	2.05	cps
Zinc	66-2	1913	1780	1853	1849	3.61	cps
Zirconium	90-1	3576	3334	3292	3401	4.50	cps
Zirconium	91-1	950	883	1133	989	13.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:25:11	DataFile Name :	186AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	789	790	745	775	3.31	cps
Antimony	121-1	775	908	833	839	7.97	cps
Arsenic	75-2	1049	1110	989	1049	5.77	cps
Barium	135-1	49885	50203	47861	49316	2.58	cps
Barium	137-1	85052	85445	84741	85079	0.41	cps
Beryllium	9-1	216	168	220	201	14.37	cps
Bismuth	209-1	9773673	9377836	9160051	9437187	3.30	cps
Bismuth	209-2	3939932	3927829	3948605	3938789	0.26	cps
Boron	10-1	91855	92473	93929	92753	1.15	cps
Boron	11-1	398027	423301	435047	418792	4.52	cps
Bromine	81-1	112640	128253	123232	121375	6.57	cps
Cadmium	111-1	1454	1409	1421	1428	1.64	cps
Cadmium	106-1	6860	6944	7135	6980	2.02	cps
Cadmium	108-1	79	67	92	79	15.79	cps
Calcium	43-1	17240269	16824581	17657842	17240898	2.42	cps
Calcium	44-1	278879024	264577282	289062491	277506266	4.43	cps
Carbon	12-1	19473324	21239919	22208744	20973996	6.61	cps
Carbon	12-2	213031	214687	217746	215155	1.11	cps
Chlorine	35-1	986913	1003314	1031399	1007209	2.23	cps
Chlorine	35-2	6310	5943	5868	6040	3.92	cps
Chromium	52-2	2194	2130	2100	2141	2.23	cps
Cobalt	59-2	25056	24054	25089	24733	2.38	cps
Copper	63-2	5348	5194	5318	5287	1.54	cps
Dysprosium	156-1	158	175	183	172	7.39	cps
Dysprosium	156-2	27	43	50	40	30.04	cps
Erbium	164-1	275	342	292	303	11.46	cps
Erbium	164-2	93	67	97	86	19.22	cps
Gadolinium	160-1	233	242	242	239	2.02	cps
Gadolinium	160-2	107	117	100	108	7.78	cps
Holmium	165-1	17071404	17629322	16903512	17201413	2.21	cps
Holmium	165-2	5907442	6116818	5890873	5971711	2.11	cps
Indium	115-1	15715230	15573320	15282358	15523636	1.42	cps
Indium	115-2	1998486	1961448	2042143	2000692	2.02	cps
Iron	54-2	312302	314504	308165	311657	1.03	cps
Iron	56-2	5933260	5791817	5760870	5828649	1.58	cps
Iron	57-2	152599	150572	152756	151976	0.80	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:25:11	DataFile Name :	186AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13691	13629	13260	13526	1.72	cps
Lead	206-1	2078	2200	2084	2121	3.26	cps
Lead	207-1	1900	1761	1728	1796	5.09	cps
Lead	208-1	8357	8262	8046	8222	1.94	cps
Lithium	6-1	8870565	9127792	8755776	8918044	2.14	cps
Magnesium	24-2	55458899	52700355	52989720	53716325	2.82	cps
Manganese	55-2	5167221	5087279	4895230	5049910	2.77	cps
Molybdenum	94-1	6743	6643	7110	6832	3.60	cps
Molybdenum	95-1	10529	10963	11263	10918	3.38	cps
Molybdenum	96-1	12222	12272	11680	12058	2.72	cps
Molybdenum	97-1	6643	6468	6602	6571	1.39	cps
Molybdenum	98-1	16101	15968	16469	16179	1.60	cps
Neodymium	150-1	140	127	213	160	29.17	cps
Neodymium	150-2	43	33	30	36	19.51	cps
Nickel	60-2	2754	2724	2600	2693	3.02	cps
Phosphorus	31-2	200	175	225	200	12.50	cps
Potassium	39-2	382724	381020	381733	381826	0.22	cps
Rhodium	103-1	14143283	13384833	14016011	13848042	2.93	cps
Rhodium	103-2	5174302	5160265	5225462	5186676	0.66	cps
Scandium	45-1	13443190	13331334	12573656	13116060	3.61	cps
Scandium	45-2	319131	308813	311425	313123	1.71	cps
Selenium	82-1	151	48	677	292	115.57	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	106	128	115	116	9.51	cps
Silicon	28-1	136299757	137339874	130362328	134667320	2.80	cps
Silver	107-1	317	575	383	425	31.56	cps
Silver	109-1	283	333	317	311	8.18	cps
Sodium	23-2	14017896	13328570	13686095	13677520	2.52	cps
Strontium	86-1	26686444	27028172	25978079	26564232	2.02	cps
Strontium	88-1	233639555	234434747	232226089	233433464	0.48	cps
Sulfur	34-1	35369519	36532785	35890331	35930878	1.62	cps
Terbium	159-1	18626196	18310292	18437781	18458090	0.86	cps
Terbium	159-2	5996606	6093962	5935747	6008771	1.33	cps
Thallium	203-1	633	617	575	608	4.94	cps
Thallium	205-1	1317	1425	1492	1411	6.26	cps
Tin	118-1	2700	2992	3225	2973	8.85	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:25:11	DataFile Name :	186AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3617	3484	3551	3551	1.88	cps
Uranium	238-1	19582	20392	19482	19819	2.52	cps
Vanadium	51-2	437	420	430	429	1.96	cps
Ytterbium	172-1	167	167	83	139	34.64	cps
Ytterbium	172-2	83	11	44	46	78.07	cps
Ytterbium	176-1	2559	2075	2209	2281	10.95	cps
Ytterbium	176-2	6535	6568	6613	6572	0.59	cps
Yttrium	89-1	27305384	27617765	26557851	27160333	2.01	cps
Yttrium	89-2	2400905	2417968	2387039	2401970	0.64	cps
Zinc	66-2	1453	1247	1360	1353	7.65	cps
Zirconium	90-1	3309	3075	3150	3178	3.75	cps
Zirconium	91-1	767	608	700	692	11.49	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2067-20 Instrumnet Name : P8
 Client Sample ID : YAZ54 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 22:28:09 DataFile Name : 187AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4333	4236	4283	4284	1.12	cps
Antimony	121-1	2150	2142	2109	2134	1.03	cps
Arsenic	75-2	9559	9390	9355	9435	1.16	cps
Barium	135-1	178987	177466	180161	178871	0.76	cps
Barium	137-1	304419	307958	307804	306727	0.65	cps
Beryllium	9-1	86	78	96	87	10.40	cps
Bismuth	209-1	9377934	9126493	9658634	9387687	2.84	cps
Bismuth	209-2	3941745	4125850	3982016	4016537	2.41	cps
Boron	10-1	80506	81982	88128	83539	4.84	cps
Boron	11-1	374757	383833	384398	380996	1.42	cps
Bromine	81-1	151031	170420	188872	170107	11.12	cps
Cadmium	111-1	1482	1503	1608	1531	4.40	cps
Cadmium	106-1	7035	7194	7761	7330	5.20	cps
Cadmium	108-1	54	63	88	68	25.49	cps
Calcium	43-1	16725321	16887333	16957446	16856700	0.71	cps
Calcium	44-1	271021546	279519584	268633616	273058249	2.10	cps
Carbon	12-1	19529557	20975954	22269084	20924865	6.55	cps
Carbon	12-2	211216	214620	223451	216429	2.92	cps
Chlorine	35-1	1159407	1219868	1217453	1198909	2.86	cps
Chlorine	35-2	7777	7469	7602	7616	2.03	cps
Chromium	52-2	2244	1950	2087	2094	7.01	cps
Cobalt	59-2	4421	4397	4341	4386	0.94	cps
Copper	63-2	6111	5928	6011	6017	1.53	cps
Dysprosium	156-1	142	92	150	128	24.69	cps
Dysprosium	156-2	23	40	40	34	27.94	cps
Erbium	164-1	267	167	267	233	24.74	cps
Erbium	164-2	97	103	70	90	19.60	cps
Gadolinium	160-1	167	192	167	175	8.25	cps
Gadolinium	160-2	123	120	137	127	6.96	cps
Holmium	165-1	17668681	17169077	17664014	17500591	1.64	cps
Holmium	165-2	6051983	6345737	6169351	6189023	2.39	cps
Indium	115-1	15262078	15071903	15964655	15432879	3.05	cps
Indium	115-2	2019694	2141299	2023224	2061406	3.36	cps
Iron	54-2	112435	109995	110200	110877	1.22	cps
Iron	56-2	2150183	2105075	2096344	2117201	1.36	cps
Iron	57-2	63770	64591	62933	63765	1.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:28:09	DataFile Name :	187AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13233	13604	14001	13613	2.82	cps
Lead	206-1	3306	3578	3412	3432	4.00	cps
Lead	207-1	3017	2995	2917	2976	1.76	cps
Lead	208-1	13636	13909	13820	13788	1.01	cps
Lithium	6-1	9119340	8773096	8943891	8945442	1.94	cps
Magnesium	24-2	62766110	63455172	63463089	63228124	0.63	cps
Manganese	55-2	418106	421539	420209	419951	0.41	cps
Molybdenum	94-1	7927	7269	7252	7483	5.15	cps
Molybdenum	95-1	10896	11197	11613	11235	3.21	cps
Molybdenum	96-1	12331	12197	12831	12453	2.68	cps
Molybdenum	97-1	6910	6852	6835	6866	0.57	cps
Molybdenum	98-1	17862	17462	17762	17695	1.18	cps
Neodymium	150-1	193	127	133	151	24.30	cps
Neodymium	150-2	43	50	37	43	15.38	cps
Nickel	60-2	2880	2880	2710	2824	3.48	cps
Phosphorus	31-2	250	275	308	278	10.53	cps
Potassium	39-2	483208	496344	484997	488183	1.46	cps
Rhodium	103-1	13710478	14056233	14284026	14016912	2.06	cps
Rhodium	103-2	5536750	5496318	5231378	5421482	3.06	cps
Scandium	45-1	13108420	13034387	12862434	13001747	0.97	cps
Scandium	45-2	320179	336604	320346	325710	2.90	cps
Selenium	82-1	628	764	229	540	51.49	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	120	115	119	118	2.24	cps
Silicon	28-1	122596178	123668628	125500807	123921871	1.19	cps
Silver	107-1	450	467	433	450	3.70	cps
Silver	109-1	342	358	317	339	6.19	cps
Sodium	23-2	20797738	21173380	21191900	21054339	1.06	cps
Strontium	86-1	27271206	26435510	26663252	26789989	1.61	cps
Strontium	88-1	225752072	233053505	225095255	227966944	1.94	cps
Sulfur	34-1	37754785	38393145	39874386	38674105	2.81	cps
Terbium	159-1	18112902	17818576	18465977	18132485	1.79	cps
Terbium	159-2	6117028	6384771	6066132	6189310	2.77	cps
Thallium	203-1	483	442	433	453	5.92	cps
Thallium	205-1	1533	1183	1258	1325	13.91	cps
Tin	118-1	2509	2725	2684	2639	4.36	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 22:28:09	DataFile Name :	187AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8244	8161	8203	8203	0.51	cps
Uranium	238-1	28232	26813	27731	27592	2.61	cps
Vanadium	51-2	1573	1657	1567	1599	3.14	cps
Ytterbium	172-1	100	125	150	125	20.00	cps
Ytterbium	172-2	61	44	56	54	15.80	cps
Ytterbium	176-1	2425	2367	1934	2242	11.98	cps
Ytterbium	176-2	6196	7085	7252	6844	8.30	cps
Yttrium	89-1	26906200	26573939	27106770	26862303	1.00	cps
Yttrium	89-2	2553419	2524421	2416220	2498020	2.89	cps
Zinc	66-2	2957	3097	3074	3043	2.47	cps
Zirconium	90-1	3242	3259	2817	3106	8.06	cps
Zirconium	91-1	858	525	842	742	25.33	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:31:06	DataFile Name :	188AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195	219	204	206	5.84	cps
Antimony	121-1	158	308	258	242	31.60	cps
Arsenic	75-2	8698	8687	8459	8615	1.56	cps
Barium	135-1	3751	4209	4201	4054	6.47	cps
Barium	137-1	7719	7227	7661	7536	3.57	cps
Beryllium	9-1	76	80	56	71	18.19	cps
Bismuth	209-1	10441982	10395876	10468035	10435297	0.35	cps
Bismuth	209-2	4366013	4206528	4258842	4277128	1.90	cps
Boron	10-1	20501	20052	19728	20093	1.93	cps
Boron	11-1	93177	90481	87150	90269	3.34	cps
Bromine	81-1	100770	96486	90593	95949	5.33	cps
Cadmium	111-1	1764	1659	1704	1709	3.08	cps
Cadmium	106-1	8536	7961	8311	8269	3.51	cps
Cadmium	108-1	50	42	42	44	10.82	cps
Calcium	43-1	959267	949297	946068	951544	0.72	cps
Calcium	44-1	15705284	15290155	15000212	15331884	2.31	cps
Carbon	12-1	10691492	10016990	9867799	10192094	4.31	cps
Carbon	12-2	89272	87093	86203	87523	1.80	cps
Chlorine	35-1	888580	885370	887087	887012	0.18	cps
Chlorine	35-2	5510	5209	5009	5243	4.80	cps
Chromium	52-2	1533	1383	1510	1476	5.47	cps
Cobalt	59-2	110	113	137	120	12.11	cps
Copper	63-2	1287	1283	1213	1261	3.28	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	108	133	117	119	10.66	cps
Erbium	164-2	67	57	43	56	21.08	cps
Gadolinium	160-1	92	133	158	128	26.36	cps
Gadolinium	160-2	67	103	80	83	22.27	cps
Holmium	165-1	17859073	17434824	17661030	17651642	1.20	cps
Holmium	165-2	6230363	6238213	6067609	6178728	1.56	cps
Indium	115-1	16858960	16549245	16429085	16612430	1.34	cps
Indium	115-2	2120272	2049006	2081031	2083436	1.71	cps
Iron	54-2	84187	86764	82041	84331	2.80	cps
Iron	56-2	1651327	1628376	1589910	1623204	1.91	cps
Iron	57-2	38575	38475	38815	38621	0.45	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:31:06	DataFile Name :	188AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14328	14000	14010	14113	1.32	cps
Lead	206-1	1878	1572	1811	1754	9.16	cps
Lead	207-1	1595	1556	1356	1502	8.54	cps
Lead	208-1	7484	7045	6912	7147	4.19	cps
Lithium	6-1	10001729	9509990	9040484	9517401	5.05	cps
Magnesium	24-2	3072113	2949386	2900888	2974129	2.97	cps
Manganese	55-2	71070	68977	68175	69407	2.15	cps
Molybdenum	94-1	492	458	550	500	9.28	cps
Molybdenum	95-1	250	258	258	256	1.88	cps
Molybdenum	96-1	783	617	650	683	12.91	cps
Molybdenum	97-1	150	175	167	164	7.77	cps
Molybdenum	98-1	342	383	400	375	8.01	cps
Neodymium	150-1	13	13	40	22	69.30	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	163	157	150	157	4.26	cps
Phosphorus	31-2	183	150	150	161	11.95	cps
Potassium	39-2	69250	69367	68128	68915	0.99	cps
Rhodium	103-1	15529503	15614312	15726181	15623332	0.63	cps
Rhodium	103-2	5584007	5596277	5551435	5577240	0.42	cps
Scandium	45-1	13822464	13968256	13249315	13680012	2.78	cps
Scandium	45-2	324383	318198	322610	321730	0.99	cps
Selenium	82-1	-40	-86	264	46	414.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	112	112	112	0.52	cps
Silicon	28-1	8225244	7927851	7771210	7974768	2.89	cps
Silver	107-1	525	475	358	453	18.89	cps
Silver	109-1	267	308	367	314	16.00	cps
Sodium	23-2	571674	551976	554554	559401	1.91	cps
Strontium	86-1	2241224	2174295	2125014	2180178	2.68	cps
Strontium	88-1	19042340	18224265	18247981	18504862	2.52	cps
Sulfur	34-1	2559425	2521137	2462303	2514288	1.95	cps
Terbium	159-1	19456155	18788844	19090042	19111680	1.75	cps
Terbium	159-2	6147977	5967864	6077848	6064563	1.50	cps
Thallium	203-1	617	583	417	539	19.88	cps
Thallium	205-1	1200	1117	1175	1164	3.67	cps
Tin	118-1	1450	1625	1792	1622	10.53	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-01DLX25	Instrumnet Name :	P8
Client Sample ID :	YAYW8	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:31:06	DataFile Name :	188AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	883	858	850	864	2.01	cps
Uranium	238-1	100	167	150	139	24.98	cps
Vanadium	51-2	30	33	50	38	28.37	cps
Ytterbium	172-1	133	100	67	100	33.33	cps
Ytterbium	172-2	39	17	33	30	39.02	cps
Ytterbium	176-1	2509	2334	2284	2375	4.98	cps
Ytterbium	176-2	6135	6780	7369	6761	9.13	cps
Yttrium	89-1	27671119	27302739	27044205	27339354	1.15	cps
Yttrium	89-2	2470770	2506476	2380597	2452614	2.65	cps
Zinc	66-2	233	203	203	213	8.12	cps
Zirconium	90-1	1258	1350	1392	1333	5.12	cps
Zirconium	91-1	317	250	267	278	12.49	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:34:04	DataFile Name :	189AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	249	234	234	6.14	cps
Antimony	121-1	250	158	283	231	28.08	cps
Arsenic	75-2	286	295	303	295	2.89	cps
Barium	135-1	2492	2584	2750	2609	5.02	cps
Barium	137-1	4526	4984	5168	4893	6.76	cps
Beryllium	9-1	64	58	58	60	5.77	cps
Bismuth	209-1	10550415	10335992	10276439	10387615	1.39	cps
Bismuth	209-2	4177277	4203532	4233809	4204873	0.67	cps
Boron	10-1	12197	12007	11778	11994	1.75	cps
Boron	11-1	56266	54536	55150	55317	1.59	cps
Bromine	81-1	74428	74358	79041	75942	3.53	cps
Cadmium	111-1	1668	1605	1516	1596	4.79	cps
Cadmium	106-1	8111	7819	7494	7808	3.95	cps
Cadmium	108-1	83	54	71	69	21.07	cps
Calcium	43-1	748314	737947	737783	741348	0.81	cps
Calcium	44-1	11968656	11945697	11880841	11931732	0.38	cps
Carbon	12-1	9007054	9348995	8740388	9032146	3.38	cps
Carbon	12-2	82197	81821	82910	82310	0.67	cps
Chlorine	35-1	868638	856919	853184	859580	0.94	cps
Chlorine	35-2	5518	5251	5801	5523	4.98	cps
Chromium	52-2	1310	1267	1210	1262	3.97	cps
Cobalt	59-2	503	583	520	536	7.88	cps
Copper	63-2	1620	1497	1793	1637	9.11	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	20	3	10	88.20	cps
Erbium	164-1	150	133	167	150	11.11	cps
Erbium	164-2	30	57	53	47	31.14	cps
Gadolinium	160-1	108	100	75	94	18.37	cps
Gadolinium	160-2	113	103	120	112	7.47	cps
Holmium	165-1	17342666	17998313	17995510	17778830	2.12	cps
Holmium	165-2	6250515	6055418	6148681	6151538	1.59	cps
Indium	115-1	16458854	16973047	16225936	16552613	2.31	cps
Indium	115-2	2148104	2040499	1999038	2062547	3.73	cps
Iron	54-2	1550	1639	1661	1617	3.64	cps
Iron	56-2	22446	21962	22563	22323	1.43	cps
Iron	57-2	1033	1161	1133	1109	6.06	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:34:04	DataFile Name :	189AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13991	13709	13682	13794	1.24	cps
Lead	206-1	1511	1550	1633	1565	3.99	cps
Lead	207-1	1317	1378	1433	1376	4.24	cps
Lead	208-1	6045	6384	6323	6251	2.89	cps
Lithium	6-1	9378988	9620313	9633167	9544156	1.50	cps
Magnesium	24-2	1964032	1987030	2047009	1999357	2.14	cps
Manganese	55-2	16129	15842	15632	15868	1.57	cps
Molybdenum	94-1	842	1000	833	892	10.53	cps
Molybdenum	95-1	950	908	958	939	2.85	cps
Molybdenum	96-1	1158	1217	1175	1183	2.54	cps
Molybdenum	97-1	583	608	492	561	10.95	cps
Molybdenum	98-1	1508	1475	1442	1475	2.26	cps
Neodymium	150-1	33	13	0	16	107.86	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	440	463	457	453	2.65	cps
Phosphorus	31-2	125	67	142	111	35.44	cps
Potassium	39-2	68095	66973	68739	67935	1.32	cps
Rhodium	103-1	15792487	15860779	15660234	15771166	0.65	cps
Rhodium	103-2	5674024	5473617	5319242	5488961	3.24	cps
Scandium	45-1	13521840	13219042	13574330	13438404	1.43	cps
Scandium	45-2	320920	318050	320866	319945	0.51	cps
Selenium	82-1	148	278	-60	122	139.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	112	96	103	8.11	cps
Silicon	28-1	3462149	3465124	3301294	3409522	2.75	cps
Silver	107-1	367	300	508	392	27.17	cps
Silver	109-1	342	200	325	289	26.80	cps
Sodium	23-2	322876	321592	327204	323890	0.91	cps
Strontium	86-1	2340375	2318139	2269238	2309251	1.58	cps
Strontium	88-1	19846708	19481806	18928725	19419080	2.38	cps
Sulfur	34-1	1925609	1931721	1902212	1919848	0.81	cps
Terbium	159-1	18540792	19068773	18377182	18662249	1.94	cps
Terbium	159-2	6234311	5982426	6066990	6094576	2.10	cps
Thallium	203-1	525	492	425	481	10.60	cps
Thallium	205-1	1008	1192	1133	1111	8.43	cps
Tin	118-1	1658	1859	1558	1692	9.03	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:34:04	DataFile Name :	189AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633	625	592	617	3.58	cps
Uranium	238-1	717	767	850	778	8.66	cps
Vanadium	51-2	27	30	17	24	28.38	cps
Ytterbium	172-1	58	83	67	69	18.33	cps
Ytterbium	172-2	50	22	17	30	60.27	cps
Ytterbium	176-1	2309	2417	2475	2400	3.52	cps
Ytterbium	176-2	6313	6791	7002	6702	5.27	cps
Yttrium	89-1	28154840	27656037	27010704	27607193	2.08	cps
Yttrium	89-2	2403552	2427056	2380846	2403818	0.96	cps
Zinc	66-2	267	273	210	250	13.92	cps
Zirconium	90-1	1317	1225	1108	1217	8.58	cps
Zirconium	91-1	283	158	242	228	27.94	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:37:01	DataFile Name :	190AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114	119	117	117	2.23	cps
Antimony	121-1	208	200	217	208	4.00	cps
Arsenic	75-2	259	245	265	256	4.00	cps
Barium	135-1	2775	2517	2675	2656	4.91	cps
Barium	137-1	4634	4468	4918	4673	4.87	cps
Beryllium	9-1	68	82	62	71	14.52	cps
Bismuth	209-1	10753718	10750943	10347777	10617479	2.20	cps
Bismuth	209-2	4309915	4192632	4154628	4219058	1.92	cps
Boron	10-1	10746	10424	10216	10462	2.55	cps
Boron	11-1	47472	48712	45749	47311	3.15	cps
Bromine	81-1	81166	70202	77150	76173	7.28	cps
Cadmium	111-1	1725	1732	1607	1688	4.18	cps
Cadmium	106-1	8711	8628	7877	8406	5.46	cps
Cadmium	108-1	96	92	63	83	21.79	cps
Calcium	43-1	748994	731384	718963	733114	2.06	cps
Calcium	44-1	11775737	11552695	11979289	11769240	1.81	cps
Carbon	12-1	8476341	8487493	8668050	8543962	1.26	cps
Carbon	12-2	81720	76022	77775	78506	3.72	cps
Chlorine	35-1	798569	787052	794340	793320	0.73	cps
Chlorine	35-2	5009	4876	5001	4962	1.51	cps
Chromium	52-2	1310	1243	1220	1258	3.71	cps
Cobalt	59-2	483	493	490	489	1.04	cps
Copper	63-2	1410	1363	1317	1363	3.42	cps
Dysprosium	156-1	42	17	50	36	48.03	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	158	108	125	131	19.50	cps
Erbium	164-2	57	30	57	48	32.23	cps
Gadolinium	160-1	92	83	50	75	29.40	cps
Gadolinium	160-2	73	93	123	97	26.04	cps
Holmium	165-1	17729474	17656363	17850843	17745560	0.55	cps
Holmium	165-2	6260693	5977763	6177257	6138571	2.37	cps
Indium	115-1	16395688	16350474	15849391	16198518	1.87	cps
Indium	115-2	2131537	2097911	2044511	2091320	2.10	cps
Iron	54-2	1417	1283	1222	1307	7.61	cps
Iron	56-2	16293	16488	16799	16527	1.54	cps
Iron	57-2	994	1072	1100	1056	5.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:37:01	DataFile Name :	190AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13630	13546	13840	13672	1.11	cps
Lead	206-1	1672	1639	1428	1580	8.39	cps
Lead	207-1	1267	1295	1489	1350	8.97	cps
Lead	208-1	6134	6451	6206	6264	2.65	cps
Lithium	6-1	9670436	9264480	9651311	9528742	2.40	cps
Magnesium	24-2	2010986	2067041	1977487	2018505	2.24	cps
Manganese	55-2	15215	15402	14938	15185	1.54	cps
Molybdenum	94-1	875	942	917	911	3.70	cps
Molybdenum	95-1	1050	975	917	981	6.82	cps
Molybdenum	96-1	1533	1308	1350	1397	8.57	cps
Molybdenum	97-1	742	517	650	636	17.79	cps
Molybdenum	98-1	1342	1425	1542	1436	7.00	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	420	470	443	444	5.63	cps
Phosphorus	31-2	33	100	117	83	52.92	cps
Potassium	39-2	67902	68656	68337	68298	0.55	cps
Rhodium	103-1	15314564	15232631	15526799	15357998	0.99	cps
Rhodium	103-2	5652041	5703552	5334085	5563226	3.60	cps
Scandium	45-1	13131788	12884664	13365480	13127311	1.83	cps
Scandium	45-2	321442	323318	317203	320654	0.98	cps
Selenium	82-1	-119	-30	-65	-71	-62.73	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	125	117	105	116	8.70	cps
Silicon	28-1	3463766	3282710	3362418	3369631	2.69	cps
Silver	107-1	383	392	325	367	9.91	cps
Silver	109-1	283	283	250	272	7.07	cps
Sodium	23-2	325884	318760	314165	319603	1.85	cps
Strontium	86-1	2281018	2324722	2205110	2270283	2.67	cps
Strontium	88-1	19025526	19522170	18483770	19010489	2.73	cps
Sulfur	34-1	1940175	1906755	1952072	1933001	1.22	cps
Terbium	159-1	18075259	18870712	17867043	18271005	2.90	cps
Terbium	159-2	6293053	5958995	5888373	6046807	3.57	cps
Thallium	203-1	450	450	492	464	5.19	cps
Thallium	205-1	1150	1033	1058	1081	5.69	cps
Tin	118-1	1617	1400	1408	1475	8.32	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-03DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46D	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:37:01	DataFile Name :	190AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	567	508	433	503	13.30	cps
Uranium	238-1	767	833	892	831	7.53	cps
Vanadium	51-2	10	7	23	13	66.12	cps
Ytterbium	172-1	100	117	92	103	12.39	cps
Ytterbium	172-2	39	11	56	35	63.82	cps
Ytterbium	176-1	2350	2092	2350	2264	6.59	cps
Ytterbium	176-2	6313	7347	6841	6833	7.57	cps
Yttrium	89-1	27456351	27826395	26188584	27157110	3.16	cps
Yttrium	89-2	2437460	2511703	2337765	2428976	3.59	cps
Zinc	66-2	217	247	243	236	6.98	cps
Zirconium	90-1	1183	1292	1333	1270	6.10	cps
Zirconium	91-1	250	333	158	247	35.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 22:40:00	DataFile Name :	191AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121	109	124	118	6.82	cps
Antimony	121-1	133	183	183	167	17.32	cps
Arsenic	75-2	53	59	72	61	15.83	cps
Barium	135-1	642	592	525	586	9.99	cps
Barium	137-1	1150	1092	967	1070	8.76	cps
Beryllium	9-1	76	62	62	67	12.13	cps
Bismuth	209-1	9935933	9333412	10157334	9808893	4.35	cps
Bismuth	209-2	4236036	4303548	4075388	4204991	2.79	cps
Boron	10-1	7765	7322	7643	7577	3.01	cps
Boron	11-1	33175	36238	34404	34606	4.45	cps
Bromine	81-1	76822	75536	77142	76500	1.11	cps
Cadmium	111-1	1646	1460	1523	1543	6.14	cps
Cadmium	106-1	8303	7277	7569	7716	6.85	cps
Cadmium	108-1	104	42	100	82	42.64	cps
Calcium	43-1	146723	144336	144506	145188	0.92	cps
Calcium	44-1	2437410	2279365	2416172	2377649	3.61	cps
Carbon	12-1	8676290	8294386	8667855	8546177	2.55	cps
Carbon	12-2	78871	78804	78343	78673	0.37	cps
Chlorine	35-1	860816	861777	857419	860004	0.27	cps
Chlorine	35-2	5059	5143	5251	5151	1.87	cps
Chromium	52-2	1310	1203	1177	1230	5.74	cps
Cobalt	59-2	157	170	117	148	18.78	cps
Copper	63-2	1230	1177	1077	1161	6.70	cps
Dysprosium	156-1	0	17	25	14	91.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	117	92	108	106	12.06	cps
Erbium	164-2	30	73	40	48	47.49	cps
Gadolinium	160-1	92	100	83	92	9.09	cps
Gadolinium	160-2	103	90	87	93	9.45	cps
Holmium	165-1	17662893	15281036	16971576	16638502	7.36	cps
Holmium	165-2	6191812	5884094	5845119	5973675	3.18	cps
Indium	115-1	16016945	14765948	15775320	15519404	4.28	cps
Indium	115-2	2120393	2024354	1942059	2028936	4.40	cps
Iron	54-2	867	750	883	833	8.72	cps
Iron	56-2	9626	9448	9542	9539	0.93	cps
Iron	57-2	428	389	289	369	19.44	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 22:40:00	DataFile Name :	191AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13731	13859	13919	13836	0.69	cps
Lead	206-1	1367	1395	1745	1502	14.02	cps
Lead	207-1	1339	1350	1395	1361	2.16	cps
Lead	208-1	6028	6140	6267	6145	1.95	cps
Lithium	6-1	9161961	8443534	9195630	8933708	4.76	cps
Magnesium	24-2	376653	368489	370593	371912	1.14	cps
Manganese	55-2	3417	3180	3150	3249	4.50	cps
Molybdenum	94-1	417	508	542	489	13.24	cps
Molybdenum	95-1	342	225	208	258	28.12	cps
Molybdenum	96-1	500	575	508	528	7.79	cps
Molybdenum	97-1	167	117	192	158	24.12	cps
Molybdenum	98-1	367	475	400	414	13.41	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	167	147	117	143	17.56	cps
Phosphorus	31-2	125	100	108	111	11.46	cps
Potassium	39-2	28938	29606	30357	29634	2.40	cps
Rhodium	103-1	15446732	13656939	14760460	14621377	6.18	cps
Rhodium	103-2	5401138	5461960	5277043	5380047	1.75	cps
Scandium	45-1	13013349	11057808	12985883	12352347	9.08	cps
Scandium	45-2	314197	311333	298334	307955	2.75	cps
Selenium	82-1	318	219	-81	152	136.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	101	108	80	96	15.12	cps
Silicon	28-1	1216089	1143074	1181126	1180097	3.09	cps
Silver	107-1	233	325	283	281	16.36	cps
Silver	109-1	275	225	250	250	10.00	cps
Sodium	23-2	76669	75631	76704	76335	0.80	cps
Strontium	86-1	463147	459828	462805	461927	0.40	cps
Strontium	88-1	3786002	3825034	3662790	3757942	2.25	cps
Sulfur	34-1	870067	865797	873651	869838	0.45	cps
Terbium	159-1	18058613	16359166	18433031	17616937	6.27	cps
Terbium	159-2	6125057	6000146	5666963	5930722	3.99	cps
Thallium	203-1	358	550	542	483	22.41	cps
Thallium	205-1	1142	1100	1050	1097	4.18	cps
Tin	118-1	1450	1517	1508	1492	2.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-02LDLX125	Instrumnet Name :	P8
Client Sample ID :	YAZ46L	Dilution Factor :	125
Date & Time Acquired ::	2022-04-10 22:40:00	DataFile Name :	191AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	383	408	394	3.23	cps
Uranium	238-1	300	183	217	233	25.75	cps
Vanadium	51-2	7	23	13	14	58.06	cps
Ytterbium	172-1	83	58	125	89	37.89	cps
Ytterbium	172-2	17	33	17	22	43.28	cps
Ytterbium	176-1	2650	2167	2642	2486	11.13	cps
Ytterbium	176-2	6335	6746	6618	6567	3.21	cps
Yttrium	89-1	27318772	23799737	26093965	25737491	6.94	cps
Yttrium	89-2	2442255	2386955	2289458	2372889	3.26	cps
Zinc	66-2	167	147	207	173	17.62	cps
Zirconium	90-1	1108	1108	1158	1125	2.57	cps
Zirconium	91-1	183	208	200	197	6.45	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:42:58	DataFile Name :	192AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8286	8216	8264	8256	0.43	cps
Antimony	121-1	47450	47274	47367	47363	0.19	cps
Arsenic	75-2	797	795	807	800	0.80	cps
Barium	135-1	247022	249436	252540	249666	1.11	cps
Barium	137-1	444942	429459	441641	438681	1.86	cps
Beryllium	9-1	11144	10494	10700	10779	3.08	cps
Bismuth	209-1	10313437	10168924	10237995	10240118	0.71	cps
Bismuth	209-2	4291721	4274592	4206292	4257535	1.06	cps
Boron	10-1	7837	8289	8297	8141	3.24	cps
Boron	11-1	35897	34312	34648	34952	2.39	cps
Bromine	81-1	75222	70607	70310	72046	3.82	cps
Cadmium	111-1	9213	9320	8830	9121	2.83	cps
Cadmium	106-1	8620	8620	8678	8639	0.39	cps
Cadmium	108-1	538	479	654	557	16.00	cps
Calcium	43-1	734958	730780	723816	729851	0.77	cps
Calcium	44-1	12006859	11861563	11647815	11838746	1.53	cps
Carbon	12-1	8363234	8344908	8284031	8330724	0.50	cps
Carbon	12-2	77011	77564	77523	77366	0.40	cps
Chlorine	35-1	1021317	1067397	1088045	1058920	3.23	cps
Chlorine	35-2	6552	6518	7219	6763	5.84	cps
Chromium	52-2	26588	27600	26448	26879	2.34	cps
Cobalt	59-2	118686	120332	116094	118370	1.81	cps
Copper	63-2	46339	46519	45904	46254	0.68	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	133	83	67	94	36.73	cps
Erbium	164-2	33	37	57	42	29.89	cps
Gadolinium	160-1	75	75	108	86	22.35	cps
Gadolinium	160-2	107	97	97	100	5.77	cps
Holmium	165-1	17247145	17586761	17915218	17583041	1.90	cps
Holmium	165-2	6174689	6220868	6054254	6149937	1.40	cps
Indium	115-1	16730388	16345270	16006341	16360666	2.21	cps
Indium	115-2	2123984	2073840	2069179	2089001	1.45	cps
Iron	54-2	8047	8019	8264	8110	1.65	cps
Iron	56-2	123107	119706	121488	121434	1.40	cps
Iron	57-2	3417	3656	3506	3526	3.42	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:42:58	DataFile Name :	192AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13106	13079	12831	13005	1.17	cps
Lead	206-1	8614	8931	8497	8681	2.59	cps
Lead	207-1	7708	8031	7986	7908	2.21	cps
Lead	208-1	35442	35976	35325	35581	0.98	cps
Lithium	6-1	9629046	9645353	10149268	9807889	3.02	cps
Magnesium	24-2	2007660	1965714	1961986	1978453	1.28	cps
Manganese	55-2	50211	49840	48884	49645	1.38	cps
Molybdenum	94-1	8745	9345	9579	9223	4.66	cps
Molybdenum	95-1	15100	16494	15276	15623	4.86	cps
Molybdenum	96-1	16869	17111	15868	16616	3.97	cps
Molybdenum	97-1	9187	9629	9237	9351	2.59	cps
Molybdenum	98-1	23370	23829	24097	23765	1.55	cps
Neodymium	150-1	47	27	33	36	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	32811	32006	32080	32299	1.38	cps
Phosphorus	31-2	125	42	75	81	52.07	cps
Potassium	39-2	67592	68941	66822	67785	1.58	cps
Rhodium	103-1	15247847	14822213	14730695	14933585	1.85	cps
Rhodium	103-2	5644532	5545886	5479603	5556674	1.49	cps
Scandium	45-1	13543833	13097108	13078217	13239720	1.99	cps
Scandium	45-2	314246	314540	311474	313420	0.54	cps
Selenium	82-1	1062	1411	1665	1380	21.95	cps
Selenium	77-2	17	37	40	31	40.56	cps
Selenium	78-2	217	224	181	207	11.13	cps
Silicon	28-1	3454779	3315913	3356656	3375783	2.11	cps
Silver	107-1	37594	39583	38480	38553	2.59	cps
Silver	109-1	35054	35046	36875	35658	2.96	cps
Sodium	23-2	315841	317674	315564	316360	0.36	cps
Strontium	86-1	2339148	2288150	2222725	2283341	2.56	cps
Strontium	88-1	19159569	19438007	19390494	19329357	0.77	cps
Sulfur	34-1	1971446	1926597	1905238	1934427	1.75	cps
Terbium	159-1	18396620	17978051	19111711	18495461	3.10	cps
Terbium	159-2	6041077	6140404	5929706	6037062	1.75	cps
Thallium	203-1	23272	22888	23314	23158	1.01	cps
Thallium	205-1	55503	55169	55956	55543	0.71	cps
Tin	118-1	1567	1834	1742	1714	7.91	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-04DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ46S	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:42:58	DataFile Name :	192AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	517	442	633	531	18.21	cps
Uranium	238-1	833	883	892	869	3.63	cps
Vanadium	51-2	52486	51248	51693	51809	1.21	cps
Ytterbium	172-1	142	67	92	100	38.19	cps
Ytterbium	172-2	39	44	33	39	14.30	cps
Ytterbium	176-1	2534	2334	2600	2489	5.58	cps
Ytterbium	176-2	6263	6724	7130	6706	6.47	cps
Yttrium	89-1	26962397	26442428	26064426	26489750	1.70	cps
Yttrium	89-2	2430336	2506609	2324465	2420470	3.78	cps
Zinc	66-2	12002	11938	11508	11816	2.27	cps
Zirconium	90-1	1133	1192	1167	1164	2.51	cps
Zirconium	91-1	200	167	250	206	20.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:45:57	DataFile Name :	193AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	262	266	241	257	5.25	cps
Antimony	121-1	350	308	350	336	7.16	cps
Arsenic	75-2	49	35	23	36	36.50	cps
Barium	135-1	7094	6618	6785	6832	3.53	cps
Barium	137-1	11997	12081	12081	12053	0.40	cps
Beryllium	9-1	66	80	64	70	12.45	cps
Bismuth	209-1	9959738	9952624	10124655	10012339	0.97	cps
Bismuth	209-2	4137006	4201463	4362071	4233513	2.74	cps
Boron	10-1	7088	6916	7408	7138	3.50	cps
Boron	11-1	31474	30811	31656	31314	1.42	cps
Bromine	81-1	78739	79149	82733	80207	2.74	cps
Cadmium	111-1	1648	1468	1536	1551	5.89	cps
Cadmium	106-1	8128	7436	7636	7733	4.61	cps
Cadmium	108-1	63	88	71	74	17.29	cps
Calcium	43-1	4493767	4363556	4173484	4343602	3.71	cps
Calcium	44-1	71401275	70728914	69403345	70511178	1.44	cps
Carbon	12-1	9500545	10177683	10223942	9967390	4.06	cps
Carbon	12-2	99798	97322	101231	99450	1.99	cps
Chlorine	35-1	835020	808188	789855	811021	2.80	cps
Chlorine	35-2	4826	4826	4726	4793	1.21	cps
Chromium	52-2	2290	2287	2300	2292	0.30	cps
Cobalt	59-2	277	250	270	266	5.22	cps
Copper	63-2	1133	1257	1340	1243	8.36	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	158	108	158	142	20.38	cps
Erbium	164-2	50	43	70	54	25.49	cps
Gadolinium	160-1	83	117	142	114	25.69	cps
Gadolinium	160-2	73	90	100	88	15.35	cps
Holmium	165-1	17590071	17080936	16988109	17219705	1.88	cps
Holmium	165-2	6069457	6047161	6192976	6103198	1.29	cps
Indium	115-1	16013086	16191362	15819325	16007925	1.16	cps
Indium	115-2	2063515	2035951	2041645	2047037	0.71	cps
Iron	54-2	1195	1250	1372	1272	7.15	cps
Iron	56-2	16449	16410	16276	16378	0.55	cps
Iron	57-2	3450	3728	4034	3738	7.81	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:45:57	DataFile Name :	193AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12941	12869	13083	12964	0.84	cps
Lead	206-1	1550	1483	1445	1493	3.58	cps
Lead	207-1	1395	1356	1295	1348	3.74	cps
Lead	208-1	6028	5801	5740	5856	2.60	cps
Lithium	6-1	9917844	9687254	9532547	9712548	2.00	cps
Magnesium	24-2	8586966	9062009	8768094	8805690	2.72	cps
Manganese	55-2	3157	3034	3190	3127	2.64	cps
Molybdenum	94-1	1984	1675	1792	1817	8.57	cps
Molybdenum	95-1	2459	2459	2209	2375	6.08	cps
Molybdenum	96-1	2834	2784	2959	2859	3.15	cps
Molybdenum	97-1	1458	1358	1317	1378	5.28	cps
Molybdenum	98-1	3709	3959	3767	3812	3.43	cps
Neodymium	150-1	13	47	13	24	78.75	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	547	503	600	550	8.80	cps
Phosphorus	31-2	208	225	175	203	12.55	cps
Potassium	39-2	37700	37851	37282	37611	0.78	cps
Rhodium	103-1	15146625	14760253	14870497	14925792	1.33	cps
Rhodium	103-2	5231116	5309756	5390461	5310444	1.50	cps
Scandium	45-1	12628629	12951947	12981701	12854092	1.52	cps
Scandium	45-2	311038	313867	308104	311003	0.93	cps
Selenium	82-1	231	294	-33	164	105.49	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	111	115	110	112	2.36	cps
Silicon	28-1	36165961	38049253	36549454	36921556	2.70	cps
Silver	107-1	742	683	325	583	38.68	cps
Silver	109-1	417	333	308	353	16.08	cps
Sodium	23-2	2990000	3024949	2992864	3002604	0.65	cps
Strontium	86-1	2068127	2083821	2067424	2073124	0.45	cps
Strontium	88-1	17177385	17420357	17351839	17316527	0.72	cps
Sulfur	34-1	8698158	8725150	8573686	8665665	0.93	cps
Terbium	159-1	18079139	18203310	17964379	18082276	0.66	cps
Terbium	159-2	6141353	6016168	5956057	6037859	1.57	cps
Thallium	203-1	483	392	342	406	17.72	cps
Thallium	205-1	1192	983	1042	1072	10.02	cps
Tin	118-1	2100	2084	1809	1997	8.20	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-05DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ10	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:45:57	DataFile Name :	193AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1225	1458	1550	1411	11.88	cps
Uranium	238-1	2400	2509	2342	2417	3.50	cps
Vanadium	51-2	427	377	413	406	6.38	cps
Ytterbium	172-1	92	142	117	117	21.43	cps
Ytterbium	172-2	22	28	44	31	36.74	cps
Ytterbium	176-1	2392	2292	2159	2281	5.13	cps
Ytterbium	176-2	6474	6930	7152	6852	5.05	cps
Yttrium	89-1	26420404	26380437	26507789	26436210	0.25	cps
Yttrium	89-2	2275292	2388936	2358107	2340778	2.51	cps
Zinc	66-2	367	317	340	341	7.34	cps
Zirconium	90-1	1275	1142	1308	1242	7.10	cps
Zirconium	91-1	225	192	225	214	9.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:48:52	DataFile Name :	194AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	564	537	580	560	3.83	cps
Antimony	121-1	333	242	308	294	16.09	cps
Arsenic	75-2	34	32	47	38	21.62	cps
Barium	135-1	6710	6760	6969	6813	2.01	cps
Barium	137-1	12648	12523	12289	12487	1.46	cps
Beryllium	9-1	50	38	72	53	32.34	cps
Bismuth	209-1	10037154	10144278	10071240	10084224	0.54	cps
Bismuth	209-2	4263317	4044855	4167283	4158485	2.63	cps
Boron	10-1	6308	6448	6438	6398	1.22	cps
Boron	11-1	29029	28094	27807	28310	2.26	cps
Bromine	81-1	85442	95894	86439	89258	6.46	cps
Cadmium	111-1	1582	1512	1559	1551	2.30	cps
Cadmium	106-1	7769	7661	7802	7744	0.96	cps
Cadmium	108-1	67	100	92	86	20.14	cps
Calcium	43-1	4354268	4436168	4378291	4389576	0.96	cps
Calcium	44-1	70561155	73819970	70986189	71789105	2.47	cps
Carbon	12-1	9990667	10451857	10741470	10394665	3.64	cps
Carbon	12-2	101786	101166	102677	101876	0.75	cps
Chlorine	35-1	815731	808621	805722	810025	0.64	cps
Chlorine	35-2	5243	4809	5084	5045	4.35	cps
Chromium	52-2	3657	3661	4021	3779	5.53	cps
Cobalt	59-2	290	250	267	269	7.47	cps
Copper	63-2	1417	1377	1380	1391	1.60	cps
Dysprosium	156-1	58	33	25	39	44.62	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	100	125	142	122	17.16	cps
Erbium	164-2	80	40	57	59	34.12	cps
Gadolinium	160-1	108	125	108	114	8.45	cps
Gadolinium	160-2	60	97	133	97	37.93	cps
Holmium	165-1	17352415	17268289	16870086	17163597	1.50	cps
Holmium	165-2	6103370	6103481	5965387	6057413	1.32	cps
Indium	115-1	16108565	16213406	16187948	16169973	0.34	cps
Indium	115-2	2059947	2059632	1972051	2030543	2.49	cps
Iron	54-2	1850	1917	1972	1913	3.20	cps
Iron	56-2	24527	23993	24076	24199	1.19	cps
Iron	57-2	4145	4117	4106	4123	0.49	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:48:52	DataFile Name :	194AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13945	13640	13871	13819	1.15	cps
Lead	206-1	1522	1506	1606	1545	3.47	cps
Lead	207-1	1350	1278	1500	1376	8.24	cps
Lead	208-1	6390	6234	6629	6417	3.10	cps
Lithium	6-1	9225417	9530648	9773497	9509854	2.89	cps
Magnesium	24-2	8857058	8627406	8604437	8696301	1.61	cps
Manganese	55-2	5641	5541	5274	5486	3.46	cps
Molybdenum	94-1	1783	1834	1567	1728	8.20	cps
Molybdenum	95-1	2375	2534	2459	2456	3.23	cps
Molybdenum	96-1	3092	3009	3075	3059	1.44	cps
Molybdenum	97-1	1667	1708	1533	1636	5.59	cps
Molybdenum	98-1	3901	4142	3801	3948	4.45	cps
Neodymium	150-1	40	33	27	33	20.00	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	887	863	917	889	3.01	cps
Phosphorus	31-2	175	300	192	222	30.54	cps
Potassium	39-2	45071	45907	44879	45285	1.21	cps
Rhodium	103-1	15419535	15055193	15266230	15246986	1.20	cps
Rhodium	103-2	5565402	5251227	5547024	5454551	3.23	cps
Scandium	45-1	13192165	13505995	13065839	13254666	1.71	cps
Scandium	45-2	319423	314906	315598	316642	0.77	cps
Selenium	82-1	-180	-85	-60	-108	-58.46	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	116	124	123	121	3.60	cps
Silicon	28-1	39543895	37902788	37562365	38336349	2.76	cps
Silver	107-1	467	408	333	403	16.59	cps
Silver	109-1	275	158	300	244	30.93	cps
Sodium	23-2	3058471	2954135	2925891	2979499	2.34	cps
Strontium	86-1	2114154	2097765	2055141	2089020	1.46	cps
Strontium	88-1	17643574	17056885	17184287	17294915	1.78	cps
Sulfur	34-1	9362022	8750136	8843958	8985372	3.67	cps
Terbium	159-1	18198052	18774138	18869098	18613763	1.95	cps
Terbium	159-2	6347434	6182741	6099546	6209907	2.03	cps
Thallium	203-1	392	492	333	406	19.74	cps
Thallium	205-1	1025	883	1192	1033	14.94	cps
Tin	118-1	2392	2342	2359	2364	1.08	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-06DLX5	Instrumnet Name :	P8
Client Sample ID :	YAZ12	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 22:48:52	DataFile Name :	194AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1317	1608	1508	1478	10.03	cps
Uranium	238-1	2442	2517	2300	2420	4.55	cps
Vanadium	51-2	447	443	393	428	6.98	cps
Ytterbium	172-1	83	125	75	94	28.36	cps
Ytterbium	172-2	50	44	22	39	37.80	cps
Ytterbium	176-1	2250	2400	2250	2300	3.77	cps
Ytterbium	176-2	6596	7008	7163	6922	4.23	cps
Yttrium	89-1	26640762	26944899	26728620	26771427	0.58	cps
Yttrium	89-2	2468822	2365199	2389419	2407813	2.25	cps
Zinc	66-2	560	487	480	509	8.72	cps
Zirconium	90-1	1183	1292	1292	1256	4.98	cps
Zirconium	91-1	175	200	183	186	6.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 22:51:49	DataFile Name :	195AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152	159	146	152	4.10	cps
Antimony	121-1	125	100	125	117	12.37	cps
Arsenic	75-2	7024	6876	6969	6957	1.08	cps
Barium	135-1	8686	8853	9529	9023	4.94	cps
Barium	137-1	15593	16586	15760	15979	3.33	cps
Beryllium	9-1	54	46	66	55	18.20	cps
Bismuth	209-1	10334760	10280641	9769960	10128454	3.08	cps
Bismuth	209-2	4254979	4229197	4194563	4226246	0.72	cps
Boron	10-1	7058	7024	7028	7037	0.26	cps
Boron	11-1	29722	30989	30899	30537	2.31	cps
Bromine	81-1	79624	73927	77801	77117	3.77	cps
Cadmium	111-1	1669	1675	1498	1614	6.24	cps
Cadmium	106-1	8394	8194	7477	8022	6.01	cps
Cadmium	108-1	92	38	63	64	42.44	cps
Calcium	43-1	575902	568845	569099	571282	0.70	cps
Calcium	44-1	9389530	9139934	9364527	9297997	1.48	cps
Carbon	12-1	8646811	8238844	8387076	8424244	2.45	cps
Carbon	12-2	77547	75838	76199	76528	1.18	cps
Chlorine	35-1	702958	695531	684675	694388	1.32	cps
Chlorine	35-2	4226	3801	3951	3992	5.40	cps
Chromium	52-2	1153	1133	1133	1140	1.01	cps
Cobalt	59-2	873	920	933	909	3.47	cps
Copper	63-2	1167	1193	1250	1203	3.54	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	13	17	13	14	13.35	cps
Erbium	164-1	133	83	83	100	28.87	cps
Erbium	164-2	63	30	50	48	35.11	cps
Gadolinium	160-1	108	42	83	78	43.30	cps
Gadolinium	160-2	110	90	113	104	12.08	cps
Holmium	165-1	17097540	17390508	16961610	17149886	1.28	cps
Holmium	165-2	5950167	5797037	5736303	5827836	1.89	cps
Indium	115-1	15924621	15627381	16141028	15897677	1.62	cps
Indium	115-2	1985666	2014898	2038371	2012978	1.31	cps
Iron	54-2	241515	234436	233651	236534	1.83	cps
Iron	56-2	4387753	4427020	4483958	4432910	1.09	cps
Iron	57-2	107907	106800	106898	107201	0.57	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 22:51:49	DataFile Name :	195AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14212	13785	13945	13981	1.54	cps
Lead	206-1	1678	1633	1656	1656	1.34	cps
Lead	207-1	1289	1339	1378	1335	3.34	cps
Lead	208-1	6162	6406	6301	6290	1.95	cps
Lithium	6-1	8828988	9161700	9289625	9093438	2.61	cps
Magnesium	24-2	2068321	2064016	2015919	2049418	1.42	cps
Manganese	55-2	85129	83325	83805	84087	1.11	cps
Molybdenum	94-1	1517	1733	1425	1558	10.16	cps
Molybdenum	95-1	2059	2334	2325	2239	6.99	cps
Molybdenum	96-1	2975	2892	2709	2859	4.77	cps
Molybdenum	97-1	1083	1408	1100	1197	15.29	cps
Molybdenum	98-1	3417	3359	3684	3487	4.97	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	323	270	300	298	8.98	cps
Phosphorus	31-2	142	75	142	119	32.23	cps
Potassium	39-2	45790	45472	45171	45478	0.68	cps
Rhodium	103-1	14643764	14830994	14919362	14798040	0.95	cps
Rhodium	103-2	5413163	5301390	5453261	5389271	1.46	cps
Scandium	45-1	12527551	13096982	13032380	12885638	2.42	cps
Scandium	45-2	310775	308806	303294	307625	1.26	cps
Selenium	82-1	-264	-164	-150	-193	-32.25	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	103	118	112	111	6.80	cps
Silicon	28-1	9675831	9352235	9255540	9427869	2.33	cps
Silver	107-1	317	333	292	314	6.68	cps
Silver	109-1	233	158	200	197	19.05	cps
Sodium	23-2	392744	399807	398118	396890	0.93	cps
Strontium	86-1	1992658	1929068	1874310	1932012	3.07	cps
Strontium	88-1	16876710	16390339	16235474	16500841	2.03	cps
Sulfur	34-1	1544790	1472205	1448920	1488639	3.36	cps
Terbium	159-1	17964778	17975222	17762836	17900945	0.67	cps
Terbium	159-2	6330518	5906768	5868774	6035353	4.25	cps
Thallium	203-1	425	400	383	403	5.21	cps
Thallium	205-1	900	1108	1083	1031	11.04	cps
Tin	118-1	1650	1600	1950	1733	10.92	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-07DLX20	Instrumnet Name :	P8
Client Sample ID :	YAZ38	Dilution Factor :	20
Date & Time Acquired ::	2022-04-10 22:51:49	DataFile Name :	195AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	650	667	600	639	5.43	cps
Uranium	238-1	2434	2617	2217	2423	8.27	cps
Vanadium	51-2	27	43	47	39	27.55	cps
Ytterbium	172-1	100	75	117	97	21.57	cps
Ytterbium	172-2	61	39	17	39	57.14	cps
Ytterbium	176-1	2167	2425	2375	2322	5.90	cps
Ytterbium	176-2	6352	6841	6919	6704	4.58	cps
Yttrium	89-1	28598236	26781779	26974011	27451342	3.64	cps
Yttrium	89-2	2402020	2271270	2291738	2321676	3.03	cps
Zinc	66-2	300	320	267	296	9.12	cps
Zirconium	90-1	1283	1150	1317	1250	7.06	cps
Zirconium	91-1	317	258	342	306	14.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:54:46	DataFile Name :	196AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7340	7158	7172	7223	1.40	cps
Antimony	121-1	542	417	308	422	27.66	cps
Arsenic	75-2	1152	1005	1098	1085	6.85	cps
Barium	135-1	5710	5518	5093	5440	5.80	cps
Barium	137-1	9095	9228	9495	9273	2.20	cps
Beryllium	9-1	74	56	72	67	14.65	cps
Bismuth	209-1	9837174	10503254	10001642	10114023	3.43	cps
Bismuth	209-2	4310782	4220819	4237909	4256503	1.12	cps
Boron	10-1	5634	5740	5780	5718	1.32	cps
Boron	11-1	25830	26088	25870	25929	0.54	cps
Bromine	81-1	72495	75846	73351	73897	2.36	cps
Cadmium	111-1	1678	1569	1602	1616	3.45	cps
Cadmium	106-1	8211	7636	7786	7877	3.79	cps
Cadmium	108-1	92	113	67	90	25.42	cps
Calcium	43-1	733736	722438	715528	723901	1.27	cps
Calcium	44-1	12219449	11610160	11879711	11903107	2.57	cps
Carbon	12-1	8213734	7979451	8053318	8082168	1.48	cps
Carbon	12-2	74314	74406	73870	74197	0.39	cps
Chlorine	35-1	683525	668313	673328	675056	1.15	cps
Chlorine	35-2	3717	3817	4001	3845	3.74	cps
Chromium	52-2	1593	1600	1517	1570	2.95	cps
Cobalt	59-2	2334	2177	2207	2239	3.71	cps
Copper	63-2	3694	3324	3697	3572	6.01	cps
Dysprosium	156-1	150	150	108	136	17.67	cps
Dysprosium	156-2	63	97	63	74	25.86	cps
Erbium	164-1	242	325	242	269	17.86	cps
Erbium	164-2	90	80	93	88	7.90	cps
Gadolinium	160-1	258	283	258	267	5.41	cps
Gadolinium	160-2	127	190	160	159	19.94	cps
Holmium	165-1	16751883	16931042	18047223	17243383	4.07	cps
Holmium	165-2	6075681	6289804	6129545	6165010	1.81	cps
Indium	115-1	15958422	16288151	16185201	16143925	1.04	cps
Indium	115-2	2043134	2082156	1971447	2032246	2.76	cps
Iron	54-2	38290	39332	39009	38877	1.37	cps
Iron	56-2	709585	730692	724888	721722	1.51	cps
Iron	57-2	18340	18134	18735	18403	1.66	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:54:46	DataFile Name :	196AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13536	13704	13719	13653	0.74	cps
Lead	206-1	3039	3223	3062	3108	3.22	cps
Lead	207-1	2673	2500	2728	2634	4.51	cps
Lead	208-1	12025	12692	12708	12475	3.13	cps
Lithium	6-1	9435025	8842989	9417299	9231771	3.65	cps
Magnesium	24-2	2394216	2243688	2316686	2318197	3.25	cps
Manganese	55-2	15492	15155	15629	15425	1.58	cps
Molybdenum	94-1	1400	1467	1350	1406	4.16	cps
Molybdenum	95-1	1067	1108	1167	1114	4.51	cps
Molybdenum	96-1	1633	2075	1575	1761	15.53	cps
Molybdenum	97-1	500	792	683	658	22.40	cps
Molybdenum	98-1	1750	1592	1725	1689	5.04	cps
Neodymium	150-1	280	247	220	249	12.08	cps
Neodymium	150-2	40	67	53	53	25.00	cps
Nickel	60-2	1390	1473	1387	1417	3.47	cps
Phosphorus	31-2	142	167	125	144	14.52	cps
Potassium	39-2	67810	68346	67282	67813	0.78	cps
Rhodium	103-1	14955083	14502474	14575302	14677619	1.66	cps
Rhodium	103-2	5437194	5448046	5352130	5412457	0.97	cps
Scandium	45-1	13282198	12524478	12677849	12828175	3.12	cps
Scandium	45-2	310163	314493	314809	313155	0.83	cps
Selenium	82-1	-165	-318	-138	-207	-46.92	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	101	99	102	101	1.52	cps
Silicon	28-1	4258902	4286783	4223711	4256466	0.74	cps
Silver	107-1	358	375	258	331	19.09	cps
Silver	109-1	208	258	325	264	22.18	cps
Sodium	23-2	359334	337340	347943	348206	3.16	cps
Strontium	86-1	2316658	2275130	2259854	2283881	1.29	cps
Strontium	88-1	19513475	19130529	18537775	19060593	2.58	cps
Sulfur	34-1	2021530	2006577	2152021	2060043	3.88	cps
Terbium	159-1	17923073	17990345	17501910	17805109	1.49	cps
Terbium	159-2	5917936	6098323	6028048	6014769	1.51	cps
Thallium	203-1	392	525	483	467	14.62	cps
Thallium	205-1	1142	1167	1008	1106	7.70	cps
Tin	118-1	1608	1467	1517	1531	4.69	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-08DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ44	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:54:46	DataFile Name :	196AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5043	5435	4759	5079	6.68	cps
Uranium	238-1	1533	1475	1517	1508	1.99	cps
Vanadium	51-2	533	500	607	547	9.98	cps
Ytterbium	172-1	92	142	108	114	22.35	cps
Ytterbium	172-2	61	56	44	54	15.80	cps
Ytterbium	176-1	2367	2192	2209	2256	4.28	cps
Ytterbium	176-2	6429	7219	7102	6917	6.16	cps
Yttrium	89-1	26140806	26397921	26089440	26209389	0.63	cps
Yttrium	89-2	2419799	2386856	2420215	2408956	0.79	cps
Zinc	66-2	1693	1733	1633	1687	2.98	cps
Zirconium	90-1	2217	2425	2292	2311	4.57	cps
Zirconium	91-1	475	583	517	525	10.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:57:45	DataFile Name :	197AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116	140	135	130	9.60	cps
Antimony	121-1	67	108	242	139	65.82	cps
Arsenic	75-2	298	306	326	310	4.65	cps
Barium	135-1	4184	4009	4076	4090	2.16	cps
Barium	137-1	6677	6744	6994	6805	2.45	cps
Beryllium	9-1	42	38	44	41	7.39	cps
Bismuth	209-1	10443565	9841923	10102902	10129464	2.98	cps
Bismuth	209-2	4178321	4172250	4299862	4216811	1.71	cps
Boron	10-1	5686	5564	5868	5706	2.68	cps
Boron	11-1	24660	25285	25327	25091	1.49	cps
Bromine	81-1	73280	78919	77810	76670	3.90	cps
Cadmium	111-1	1644	1705	1483	1611	7.12	cps
Cadmium	106-1	8203	8611	7536	8117	6.69	cps
Cadmium	108-1	54	67	100	74	32.18	cps
Calcium	43-1	868415	856000	850031	858149	1.09	cps
Calcium	44-1	14404658	13622545	13627241	13884815	3.24	cps
Carbon	12-1	7920583	7851287	7881132	7884334	0.44	cps
Carbon	12-2	74582	73033	71567	73061	2.06	cps
Chlorine	35-1	618765	607633	614286	613561	0.91	cps
Chlorine	35-2	3659	3926	3776	3787	3.53	cps
Chromium	52-2	1747	1763	1817	1776	2.06	cps
Cobalt	59-2	770	773	810	784	2.83	cps
Copper	63-2	1333	1287	1283	1301	2.15	cps
Dysprosium	156-1	42	25	50	39	32.73	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	125	175	133	144	18.55	cps
Erbium	164-2	37	50	30	39	26.18	cps
Gadolinium	160-1	117	50	117	94	40.76	cps
Gadolinium	160-2	77	90	103	90	14.82	cps
Holmium	165-1	16944879	16667087	16688900	16766955	0.92	cps
Holmium	165-2	6082313	5806218	6153041	6013857	3.05	cps
Indium	115-1	15734998	16155004	16009842	15966615	1.34	cps
Indium	115-2	1992991	2004656	2089411	2029019	2.59	cps
Iron	54-2	2961	2867	2934	2921	1.66	cps
Iron	56-2	46754	45935	47601	46764	1.78	cps
Iron	57-2	1867	1895	1911	1891	1.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:57:45	DataFile Name :	197AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13121	13554	13576	13417	1.91	cps
Lead	206-1	1483	1633	1567	1561	4.81	cps
Lead	207-1	1578	1322	1306	1402	10.89	cps
Lead	208-1	6351	6367	6117	6279	2.23	cps
Lithium	6-1	8982203	8899393	9502217	9127937	3.58	cps
Magnesium	24-2	2219150	2231777	2268803	2239910	1.15	cps
Manganese	55-2	113942	114523	116939	115135	1.38	cps
Molybdenum	94-1	567	483	500	517	8.54	cps
Molybdenum	95-1	283	300	250	278	9.16	cps
Molybdenum	96-1	550	608	600	586	5.38	cps
Molybdenum	97-1	158	158	142	153	6.30	cps
Molybdenum	98-1	525	508	442	492	8.97	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	580	710	780	690	14.71	cps
Phosphorus	31-2	133	158	83	125	30.55	cps
Potassium	39-2	62042	64554	64110	63569	2.11	cps
Rhodium	103-1	15402745	14753271	14616516	14924177	2.81	cps
Rhodium	103-2	5433378	5399598	5463011	5431996	0.58	cps
Scandium	45-1	12813635	12380790	12505896	12566774	1.77	cps
Scandium	45-2	307716	305436	308056	307069	0.46	cps
Selenium	82-1	91	-128	73	12	1004.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	96	110	109	11.09	cps
Silicon	28-1	4540228	4687591	4718178	4648666	2.05	cps
Silver	107-1	325	350	408	361	11.84	cps
Silver	109-1	233	233	142	203	26.10	cps
Sodium	23-2	459027	461696	459524	460082	0.31	cps
Strontium	86-1	2246589	2260181	2249337	2252036	0.32	cps
Strontium	88-1	18968974	19962836	19798883	19576898	2.72	cps
Sulfur	34-1	2096742	2111165	2224229	2144045	3.26	cps
Terbium	159-1	17684178	18463348	17450795	17866107	2.97	cps
Terbium	159-2	6042099	6005365	6140349	6062604	1.15	cps
Thallium	203-1	275	383	433	364	22.24	cps
Thallium	205-1	942	942	883	922	3.65	cps
Tin	118-1	1542	1550	1600	1564	2.02	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-09DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ48	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 22:57:45	DataFile Name :	197AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	642	575	508	575	11.59	cps
Uranium	238-1	692	750	675	706	5.58	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Ytterbium	172-1	125	117	100	114	11.18	cps
Ytterbium	172-2	39	39	22	33	28.87	cps
Ytterbium	176-1	2367	2342	2134	2281	5.62	cps
Ytterbium	176-2	6641	7180	7174	6998	4.43	cps
Yttrium	89-1	25854957	26658509	26946693	26486720	2.14	cps
Yttrium	89-2	2360438	2424942	2448164	2411181	1.89	cps
Zinc	66-2	380	310	367	352	10.55	cps
Zirconium	90-1	1175	1083	1208	1156	5.60	cps
Zirconium	91-1	183	317	208	236	30.02	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:00:42	DataFile Name :	198AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189	174	181	181	4.14	cps
Antimony	121-1	108	108	167	128	26.35	cps
Arsenic	75-2	272	269	288	276	3.70	cps
Barium	135-1	3984	3701	3667	3784	4.60	cps
Barium	137-1	6852	6827	7052	6910	1.79	cps
Beryllium	9-1	44	28	36	36	22.23	cps
Bismuth	209-1	10768123	10792377	10274094	10611531	2.76	cps
Bismuth	209-2	4182796	4218671	4196042	4199169	0.43	cps
Boron	10-1	5388	5304	5502	5398	1.84	cps
Boron	11-1	23775	23346	23118	23413	1.42	cps
Bromine	81-1	72214	71531	74963	72902	2.49	cps
Cadmium	111-1	1736	1468	1549	1584	8.66	cps
Cadmium	106-1	8620	7544	7744	7969	7.18	cps
Cadmium	108-1	67	100	71	79	22.94	cps
Calcium	43-1	859166	847459	836538	847721	1.33	cps
Calcium	44-1	13546928	13429781	13736858	13571189	1.14	cps
Carbon	12-1	8188656	8505446	8409828	8367977	1.94	cps
Carbon	12-2	77933	78218	77948	78033	0.21	cps
Chlorine	35-1	610177	620631	597461	609423	1.90	cps
Chlorine	35-2	3542	3851	3859	3751	4.81	cps
Chromium	52-2	2020	2010	2057	2029	1.21	cps
Cobalt	59-2	807	750	817	791	4.54	cps
Copper	63-2	1913	2097	1990	2000	4.60	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	108	158	175	147	23.57	cps
Erbium	164-2	30	30	57	39	39.59	cps
Gadolinium	160-1	133	208	75	139	48.13	cps
Gadolinium	160-2	77	80	107	88	18.73	cps
Holmium	165-1	16899840	17579978	16915505	17131774	2.27	cps
Holmium	165-2	6095058	5967826	6132371	6065085	1.42	cps
Indium	115-1	16575012	15726274	16384468	16228585	2.74	cps
Indium	115-2	2095466	2029404	2029023	2051298	1.86	cps
Iron	54-2	2984	2973	3023	2993	0.88	cps
Iron	56-2	47853	48845	47429	48042	1.51	cps
Iron	57-2	1728	1806	2072	1869	9.67	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:00:42	DataFile Name :	198AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13860	13444	13616	13640	1.53	cps
Lead	206-1	1800	1617	1550	1656	7.82	cps
Lead	207-1	1600	1533	1439	1524	5.31	cps
Lead	208-1	7451	7123	6779	7118	4.72	cps
Lithium	6-1	9094958	8638828	9490083	9074623	4.69	cps
Magnesium	24-2	2094578	2215987	2139851	2150139	2.85	cps
Manganese	55-2	109010	110179	111581	110257	1.17	cps
Molybdenum	94-1	600	492	492	528	11.85	cps
Molybdenum	95-1	308	275	317	300	7.35	cps
Molybdenum	96-1	792	800	567	719	18.40	cps
Molybdenum	97-1	258	133	117	169	45.70	cps
Molybdenum	98-1	417	650	500	522	22.64	cps
Neodymium	150-1	20	33	13	22	45.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	647	623	693	654	5.45	cps
Phosphorus	31-2	108	125	108	114	8.45	cps
Potassium	39-2	60335	60352	61456	60715	1.06	cps
Rhodium	103-1	14804208	15551446	14964137	15106597	2.60	cps
Rhodium	103-2	5413985	5468541	5359411	5413979	1.01	cps
Scandium	45-1	12957799	13220052	12798253	12992035	1.64	cps
Scandium	45-2	309132	308327	315186	310882	1.21	cps
Selenium	82-1	-46	418	-324	16	2365.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	96	108	107	9.85	cps
Silicon	28-1	4485325	4641756	4593224	4573435	1.75	cps
Silver	107-1	283	292	325	300	7.35	cps
Silver	109-1	258	258	183	233	18.56	cps
Sodium	23-2	442641	466626	440971	450080	3.19	cps
Strontium	86-1	2251970	2238558	2187952	2226160	1.52	cps
Strontium	88-1	18912620	19186604	18483836	18861020	1.88	cps
Sulfur	34-1	1998958	2150065	2032337	2060453	3.85	cps
Terbium	159-1	18679559	18918872	18010508	18536313	2.54	cps
Terbium	159-2	5896275	5816218	6034380	5915624	1.87	cps
Thallium	203-1	292	375	400	356	15.95	cps
Thallium	205-1	1050	750	908	903	16.62	cps
Tin	118-1	2084	2175	2567	2275	11.29	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-10DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ50	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:00:42	DataFile Name :	198AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	475	508	458	13.11	cps
Uranium	238-1	783	550	658	664	17.59	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Ytterbium	172-1	83	92	83	86	5.58	cps
Ytterbium	172-2	28	28	28	28	0.00	cps
Ytterbium	176-1	2467	2234	2275	2325	5.35	cps
Ytterbium	176-2	6291	6885	6952	6709	5.43	cps
Yttrium	89-1	27247771	27625660	25415805	26763078	4.42	cps
Yttrium	89-2	2354079	2383343	2289325	2342249	2.05	cps
Zinc	66-2	647	617	740	668	9.63	cps
Zirconium	90-1	1217	1283	1250	1250	2.67	cps
Zirconium	91-1	267	292	225	261	12.90	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:03:41	DataFile Name :	199AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265	301	262	276	7.85	cps
Antimony	121-1	100	108	75	94	18.37	cps
Arsenic	75-2	286	275	274	278	2.39	cps
Barium	135-1	2442	2642	2784	2623	6.55	cps
Barium	137-1	4784	4693	4859	4779	1.75	cps
Beryllium	9-1	48	48	68	55	21.13	cps
Bismuth	209-1	9637877	9899423	10369315	9968872	3.72	cps
Bismuth	209-2	4075921	4050592	4012864	4046459	0.78	cps
Boron	10-1	4708	5022	5066	4932	3.96	cps
Boron	11-1	21978	21270	21047	21432	2.27	cps
Bromine	81-1	73034	67870	73641	71515	4.43	cps
Cadmium	111-1	1401	1526	1517	1481	4.69	cps
Cadmium	106-1	7044	7702	7444	7397	4.49	cps
Cadmium	108-1	58	63	38	53	25.38	cps
Calcium	43-1	721528	713137	710954	715206	0.78	cps
Calcium	44-1	11562890	11796721	11385019	11581543	1.78	cps
Carbon	12-1	7989651	7822679	7862073	7891468	1.11	cps
Carbon	12-2	70646	73334	74649	72876	2.80	cps
Chlorine	35-1	581285	586139	564451	577291	1.97	cps
Chlorine	35-2	3459	3292	3300	3350	2.80	cps
Chromium	52-2	1677	1593	1643	1638	2.56	cps
Cobalt	59-2	563	457	477	499	11.37	cps
Copper	63-2	1307	1283	1303	1298	0.97	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	13	0	10	8	89.21	cps
Erbium	164-1	108	67	200	125	54.57	cps
Erbium	164-2	40	50	30	40	25.00	cps
Gadolinium	160-1	83	117	108	103	16.88	cps
Gadolinium	160-2	73	90	120	94	25.04	cps
Holmium	165-1	16330545	16669365	17759229	16919713	4.41	cps
Holmium	165-2	5777217	5584263	5942353	5767944	3.11	cps
Indium	115-1	14628093	15227355	15730925	15195458	3.63	cps
Indium	115-2	1921378	1923439	1979424	1941414	1.70	cps
Iron	54-2	1361	1217	1172	1250	7.90	cps
Iron	56-2	16894	16549	15703	16382	3.74	cps
Iron	57-2	811	989	1089	963	14.61	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:03:41	DataFile Name :	199AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13644	13373	13472	13496	1.01	cps
Lead	206-1	1378	1506	1461	1448	4.48	cps
Lead	207-1	1178	1261	1267	1235	4.03	cps
Lead	208-1	5456	5773	5467	5565	3.23	cps
Lithium	6-1	8584907	8991708	9698929	9091848	6.20	cps
Magnesium	24-2	1964873	1954028	1901225	1940042	1.76	cps
Manganese	55-2	18242	17995	18225	18154	0.76	cps
Molybdenum	94-1	842	992	883	906	8.55	cps
Molybdenum	95-1	958	775	925	886	11.02	cps
Molybdenum	96-1	1175	1383	1350	1303	8.59	cps
Molybdenum	97-1	517	717	625	619	16.16	cps
Molybdenum	98-1	1750	1659	1375	1595	12.26	cps
Neodymium	150-1	33	0	20	18	94.37	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	600	697	540	612	12.91	cps
Phosphorus	31-2	125	108	117	117	7.14	cps
Potassium	39-2	67492	67969	64469	66644	2.85	cps
Rhodium	103-1	13905648	14323204	15176526	14468459	4.48	cps
Rhodium	103-2	5173374	5079682	5281016	5178024	1.95	cps
Scandium	45-1	11782533	12220458	12826954	12276648	4.27	cps
Scandium	45-2	302192	294291	304116	300200	1.73	cps
Selenium	82-1	-229	-322	-310	-287	-17.60	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	113	119	89	107	14.83	cps
Silicon	28-1	3384657	3294304	3376828	3351930	1.49	cps
Silver	107-1	242	225	225	231	4.17	cps
Silver	109-1	217	233	183	211	12.06	cps
Sodium	23-2	303994	314273	310026	309431	1.67	cps
Strontium	86-1	2263354	2189075	2266036	2239488	1.95	cps
Strontium	88-1	19443217	18555706	18264661	18754528	3.27	cps
Sulfur	34-1	1942946	1974899	1885833	1934559	2.33	cps
Terbium	159-1	17346171	17418991	18320972	17695378	3.07	cps
Terbium	159-2	5705614	5822897	5822642	5783718	1.17	cps
Thallium	203-1	417	400	358	392	7.67	cps
Thallium	205-1	967	800	892	886	9.42	cps
Tin	118-1	1775	1575	1567	1639	7.20	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-11DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ52	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:03:41	DataFile Name :	199AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	808	608	792	736	15.08	cps
Uranium	238-1	825	767	717	769	7.05	cps
Vanadium	51-2	27	20	27	24	15.75	cps
Ytterbium	172-1	133	50	158	114	49.81	cps
Ytterbium	172-2	22	33	50	35	39.74	cps
Ytterbium	176-1	2309	2392	2400	2367	2.14	cps
Ytterbium	176-2	5974	6307	6580	6287	4.83	cps
Yttrium	89-1	25039266	25846386	26216595	25700749	2.34	cps
Yttrium	89-2	2337582	2196188	2317124	2283631	3.35	cps
Zinc	66-2	333	373	297	334	11.47	cps
Zirconium	90-1	1467	1033	1208	1236	17.64	cps
Zirconium	91-1	233	208	258	233	10.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:06:38	DataFile Name :	200AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	796	795	892	828	6.76	cps
Antimony	121-1	133	108	183	142	26.96	cps
Arsenic	75-2	941	974	940	952	2.03	cps
Barium	135-1	7836	7611	7944	7797	2.18	cps
Barium	137-1	13140	13691	13207	13346	2.25	cps
Beryllium	9-1	58	54	52	55	5.59	cps
Bismuth	209-1	10100948	9795642	10364702	10087097	2.82	cps
Bismuth	209-2	4014165	4028456	4269092	4103904	3.49	cps
Boron	10-1	9899	9759	9919	9859	0.88	cps
Boron	11-1	44040	45047	46495	45194	2.73	cps
Bromine	81-1	78779	80088	77497	78788	1.64	cps
Cadmium	111-1	1538	1577	1551	1555	1.30	cps
Cadmium	106-1	7777	7861	7652	7764	1.35	cps
Cadmium	108-1	79	58	54	64	20.97	cps
Calcium	43-1	2248999	2274293	2195228	2239507	1.80	cps
Calcium	44-1	36189598	36119890	35163501	35824330	1.60	cps
Carbon	12-1	9154642	9371722	9835311	9453892	3.68	cps
Carbon	12-2	93255	92014	94378	93216	1.27	cps
Chlorine	35-1	555060	566390	555830	559093	1.13	cps
Chlorine	35-2	3409	3501	3492	3467	1.46	cps
Chromium	52-2	1690	1613	1423	1576	8.71	cps
Cobalt	59-2	1930	1773	1733	1812	5.74	cps
Copper	63-2	1123	1013	1160	1099	6.95	cps
Dysprosium	156-1	42	58	33	44	28.64	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	150	117	183	150	22.22	cps
Erbium	164-2	57	33	80	57	41.18	cps
Gadolinium	160-1	108	92	125	108	15.38	cps
Gadolinium	160-2	93	137	67	99	35.73	cps
Holmium	165-1	17198905	17140933	17160594	17166810	0.17	cps
Holmium	165-2	5987036	6020821	6003033	6003630	0.28	cps
Indium	115-1	15277453	15656505	15677072	15537010	1.45	cps
Indium	115-2	2001592	2020927	2005258	2009259	0.51	cps
Iron	54-2	85377	83706	82817	83967	1.55	cps
Iron	56-2	1604620	1607459	1601606	1604562	0.18	cps
Iron	57-2	42068	40853	40647	41190	1.86	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:06:38	DataFile Name :	200AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12434	12627	12585	12549	0.81	cps
Lead	206-1	1633	1506	1411	1517	7.35	cps
Lead	207-1	1345	1467	1417	1409	4.36	cps
Lead	208-1	6362	6178	6195	6245	1.62	cps
Lithium	6-1	9572695	9158173	8930505	9220458	3.53	cps
Magnesium	24-2	6118283	6182433	6023608	6108108	1.31	cps
Manganese	55-2	555461	562803	564005	560756	0.82	cps
Molybdenum	94-1	1308	1267	1308	1295	1.86	cps
Molybdenum	95-1	1675	1725	1533	1645	6.05	cps
Molybdenum	96-1	2225	1809	2125	2053	10.60	cps
Molybdenum	97-1	925	1125	800	950	17.26	cps
Molybdenum	98-1	2292	2234	2350	2292	2.55	cps
Neodymium	150-1	27	33	53	38	36.73	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	1260	1350	1357	1322	4.08	cps
Phosphorus	31-2	133	200	242	192	28.51	cps
Potassium	39-2	66328	67132	66897	66786	0.62	cps
Rhodium	103-1	14773605	14349357	14196650	14439870	2.07	cps
Rhodium	103-2	5266804	5299184	5287160	5284383	0.31	cps
Scandium	45-1	12885184	12516436	12279699	12560440	2.43	cps
Scandium	45-2	301047	300048	303877	301657	0.66	cps
Selenium	82-1	-4	-256	-168	-143	-89.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	91	111	104	11.07	cps
Silicon	28-1	31545326	31915567	31556311	31672401	0.67	cps
Silver	107-1	250	242	283	258	8.53	cps
Silver	109-1	208	200	208	206	2.34	cps
Sodium	23-2	2153817	2148967	2093845	2132209	1.56	cps
Strontium	86-1	1612834	1554854	1564256	1577315	1.97	cps
Strontium	88-1	13160327	13411335	12927199	13166287	1.84	cps
Sulfur	34-1	4111621	3987221	4075807	4058216	1.58	cps
Terbium	159-1	18112902	17583760	17351918	17682860	2.21	cps
Terbium	159-2	6055165	5794612	5785014	5878264	2.61	cps
Thallium	203-1	375	333	250	319	19.92	cps
Thallium	205-1	667	783	817	756	10.43	cps
Tin	118-1	1783	1884	2109	1925	8.65	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-12DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX0	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:06:38	DataFile Name :	200AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2600	2600	2467	2556	3.01	cps
Uranium	238-1	4868	4684	4951	4834	2.82	cps
Vanadium	51-2	167	210	177	184	12.30	cps
Ytterbium	172-1	133	142	75	117	31.14	cps
Ytterbium	172-2	11	6	28	15	78.05	cps
Ytterbium	176-1	2234	2175	2292	2234	2.61	cps
Ytterbium	176-2	6290	6279	6730	6433	3.99	cps
Yttrium	89-1	25776421	26896069	25773577	26148689	2.48	cps
Yttrium	89-2	2342047	2345106	2330491	2339215	0.33	cps
Zinc	66-2	383	343	400	376	7.75	cps
Zirconium	90-1	1283	1183	1183	1217	4.75	cps
Zirconium	91-1	308	217	317	281	19.78	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:09:35	DataFile Name :	201AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	564	536	531	544	3.22	cps
Antimony	121-1	92	158	100	117	31.14	cps
Arsenic	75-2	904	920	912	912	0.88	cps
Barium	135-1	7802	7911	7786	7833	0.87	cps
Barium	137-1	13699	13407	13632	13579	1.13	cps
Beryllium	9-1	42	42	36	40	8.66	cps
Bismuth	209-1	10359249	10235767	10131301	10242106	1.11	cps
Bismuth	209-2	4086407	4172546	4255551	4171501	2.03	cps
Boron	10-1	10282	10546	10604	10477	1.64	cps
Boron	11-1	45444	48417	48686	47516	3.79	cps
Bromine	81-1	81648	81982	78416	80682	2.44	cps
Cadmium	111-1	1466	1582	1451	1500	4.79	cps
Cadmium	106-1	7327	7794	7144	7422	4.52	cps
Cadmium	108-1	71	50	46	56	24.11	cps
Calcium	43-1	2272728	2285955	2279949	2279544	0.29	cps
Calcium	44-1	34969003	36321947	35820880	35703943	1.92	cps
Carbon	12-1	9758621	9603281	9901475	9754459	1.53	cps
Carbon	12-2	93842	96184	95402	95143	1.25	cps
Chlorine	35-1	571738	556655	573448	567280	1.63	cps
Chlorine	35-2	3534	3184	3159	3292	6.37	cps
Chromium	52-2	1310	1323	1307	1313	0.67	cps
Cobalt	59-2	1863	1900	1833	1866	1.79	cps
Copper	63-2	1057	973	1107	1046	6.44	cps
Dysprosium	156-1	58	33	8	33	75.01	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	183	142	167	164	12.80	cps
Erbium	164-2	57	47	47	50	11.55	cps
Gadolinium	160-1	117	175	125	139	22.72	cps
Gadolinium	160-2	93	90	137	107	24.41	cps
Holmium	165-1	17188160	17433666	17805895	17475907	1.78	cps
Holmium	165-2	6024423	6073853	6066316	6054864	0.44	cps
Indium	115-1	15246269	15638061	15767708	15550679	1.75	cps
Indium	115-2	1897367	2017968	1973247	1962860	3.11	cps
Iron	54-2	70602	70681	70278	70520	0.30	cps
Iron	56-2	1278875	1272206	1283566	1278215	0.45	cps
Iron	57-2	33406	34643	33735	33928	1.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:09:35	DataFile Name :	201AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13677	13187	13093	13319	2.36	cps
Lead	206-1	1683	1489	1461	1545	7.84	cps
Lead	207-1	1345	1367	1289	1333	3.00	cps
Lead	208-1	6262	5928	5823	6004	3.82	cps
Lithium	6-1	8925800	9039462	9153959	9039740	1.26	cps
Magnesium	24-2	6489225	6292822	6240596	6340881	2.07	cps
Manganese	55-2	599109	587415	587093	591206	1.16	cps
Molybdenum	94-1	1258	1275	1208	1247	2.78	cps
Molybdenum	95-1	1708	1417	1600	1575	9.36	cps
Molybdenum	96-1	2025	2109	2150	2095	3.04	cps
Molybdenum	97-1	742	942	958	881	13.69	cps
Molybdenum	98-1	2234	2092	2442	2256	7.81	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1047	1147	1193	1129	6.64	cps
Phosphorus	31-2	158	183	167	169	7.51	cps
Potassium	39-2	68212	69820	66219	68084	2.65	cps
Rhodium	103-1	14923744	14792535	14372942	14696407	1.96	cps
Rhodium	103-2	5329254	5313834	5356768	5333285	0.41	cps
Scandium	45-1	12156754	12473588	12697146	12442496	2.18	cps
Scandium	45-2	310152	301531	303826	305170	1.46	cps
Selenium	82-1	206	200	-29	126	106.41	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	116	105	97	106	9.00	cps
Silicon	28-1	33292029	32026802	32869840	32729557	1.97	cps
Silver	107-1	258	225	325	269	18.90	cps
Silver	109-1	133	183	167	161	15.80	cps
Sodium	23-2	2282450	2255858	2250295	2262868	0.76	cps
Strontium	86-1	1658355	1623449	1619604	1633803	1.31	cps
Strontium	88-1	13891856	13577902	13364857	13611538	1.95	cps
Sulfur	34-1	4340069	4152527	4306100	4266232	2.34	cps
Terbium	159-1	17866463	18229167	18135259	18076963	1.04	cps
Terbium	159-2	6057975	6191044	6124127	6124382	1.09	cps
Thallium	203-1	308	308	233	283	15.28	cps
Thallium	205-1	708	667	742	706	5.33	cps
Tin	118-1	1700	1717	1767	1728	2.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-13DLX5	Instrumnet Name :	P8
Client Sample ID :	YAYX2	Dilution Factor :	5
Date & Time Acquired ::	2022-04-10 23:09:35	DataFile Name :	201AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2059	1975	2109	2047	3.29	cps
Uranium	238-1	4768	5451	4626	4948	8.92	cps
Vanadium	51-2	133	107	183	141	27.58	cps
Ytterbium	172-1	50	117	67	78	44.61	cps
Ytterbium	172-2	44	33	33	37	17.33	cps
Ytterbium	176-1	2259	2359	2092	2236	6.02	cps
Ytterbium	176-2	5818	6657	6991	6489	9.31	cps
Yttrium	89-1	26097550	26543923	25873098	26171524	1.30	cps
Yttrium	89-2	2407547	2291616	2322634	2340599	2.56	cps
Zinc	66-2	293	223	247	254	14.01	cps
Zirconium	90-1	1250	1183	1267	1233	3.58	cps
Zirconium	91-1	283	233	225	247	12.76	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:12:29	DataFile Name :	202AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106	135	115	119	12.41	cps
Antimony	121-1	167	183	258	203	24.08	cps
Arsenic	75-2	3010	3129	3057	3065	1.96	cps
Barium	135-1	3734	4142	3792	3890	5.68	cps
Barium	137-1	6435	6810	6552	6599	2.91	cps
Beryllium	9-1	26	46	34	35	28.50	cps
Bismuth	209-1	9862680	10228007	10070282	10053656	1.82	cps
Bismuth	209-2	4264480	4297694	4212166	4258113	1.01	cps
Boron	10-1	5980	5888	5818	5895	1.38	cps
Boron	11-1	25778	26118	26054	25983	0.70	cps
Bromine	81-1	74327	72388	83432	76716	7.69	cps
Cadmium	111-1	1624	1723	1624	1657	3.46	cps
Cadmium	106-1	8044	8736	7952	8244	5.20	cps
Cadmium	108-1	50	100	42	64	49.38	cps
Calcium	43-1	801356	797637	796767	798586	0.31	cps
Calcium	44-1	13208417	12741208	12834833	12928153	1.91	cps
Carbon	12-1	8303366	8370758	8303951	8326025	0.47	cps
Carbon	12-2	77540	76516	73200	75752	2.99	cps
Chlorine	35-1	553009	531746	523974	536243	2.80	cps
Chlorine	35-2	3384	3309	3292	3328	1.47	cps
Chromium	52-2	1257	1230	1117	1201	6.19	cps
Cobalt	59-2	603	647	670	640	5.29	cps
Copper	63-2	1093	1120	1150	1121	2.53	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	167	167	100	144	26.65	cps
Erbium	164-2	50	37	30	39	26.18	cps
Gadolinium	160-1	100	133	92	108	20.35	cps
Gadolinium	160-2	87	47	83	72	30.73	cps
Holmium	165-1	17458844	17792239	16611666	17287583	3.52	cps
Holmium	165-2	6025291	6105310	6033289	6054630	0.73	cps
Indium	115-1	15956145	15408953	15634908	15666669	1.76	cps
Indium	115-2	1992855	2080010	2081476	2051447	2.47	cps
Iron	54-2	47663	48120	46866	47550	1.34	cps
Iron	56-2	903749	882156	874504	886803	1.71	cps
Iron	57-2	22529	22540	22145	22405	1.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:12:29	DataFile Name :	202AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13669	13652	13743	13688	0.35	cps
Lead	206-1	1317	1467	1378	1387	5.44	cps
Lead	207-1	1217	1261	1200	1226	2.58	cps
Lead	208-1	5323	5667	5728	5573	3.92	cps
Lithium	6-1	9862473	9461203	9536919	9620198	2.22	cps
Magnesium	24-2	2237965	2320402	2246098	2268155	2.00	cps
Manganese	55-2	27303	27407	27427	27379	0.24	cps
Molybdenum	94-1	1375	1458	1292	1375	6.06	cps
Molybdenum	95-1	2000	1817	1725	1847	7.58	cps
Molybdenum	96-1	2225	2300	2175	2234	2.82	cps
Molybdenum	97-1	792	1067	1050	970	15.91	cps
Molybdenum	98-1	2767	2750	2925	2814	3.43	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	513	433	517	488	9.67	cps
Phosphorus	31-2	100	83	92	92	9.09	cps
Potassium	39-2	43449	42313	43115	42959	1.36	cps
Rhodium	103-1	14673101	14650799	14690832	14671577	0.14	cps
Rhodium	103-2	5465391	5474755	5481773	5473973	0.15	cps
Scandium	45-1	12589669	12212234	12440592	12414165	1.53	cps
Scandium	45-2	308935	313583	306657	309725	1.14	cps
Selenium	82-1	209	-20	-604	-138	-302.85	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	100	99	106	102	3.72	cps
Silicon	28-1	6250262	6181198	6144070	6191843	0.87	cps
Silver	107-1	358	292	267	306	15.51	cps
Silver	109-1	142	158	167	156	8.18	cps
Sodium	23-2	795714	807159	794296	799056	0.88	cps
Strontium	86-1	1739364	1748671	1680299	1722778	2.15	cps
Strontium	88-1	14559486	14070715	14173581	14267927	1.81	cps
Sulfur	34-1	2075209	2003216	1964305	2014243	2.79	cps
Terbium	159-1	18405959	18076637	17681984	18054860	2.01	cps
Terbium	159-2	6151116	5998047	5976131	6041765	1.58	cps
Thallium	203-1	250	308	258	272	11.59	cps
Thallium	205-1	692	775	600	689	12.71	cps
Tin	118-1	1800	1408	1725	1645	12.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-16DLX25	Instrumnet Name :	P8
Client Sample ID :	YAZ40	Dilution Factor :	25
Date & Time Acquired ::	2022-04-10 23:12:29	DataFile Name :	202AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	508	633	542	561	11.54	cps
Uranium	238-1	2517	2584	2534	2545	1.36	cps
Vanadium	51-2	7	20	20	16	49.47	cps
Ytterbium	172-1	150	100	100	117	24.75	cps
Ytterbium	172-2	44	56	22	41	41.67	cps
Ytterbium	176-1	2609	2392	2267	2423	7.14	cps
Ytterbium	176-2	6391	7174	7463	7009	7.92	cps
Yttrium	89-1	25923327	25605209	25552692	25693743	0.78	cps
Yttrium	89-2	2348136	2373672	2316358	2346055	1.22	cps
Zinc	66-2	260	250	283	264	6.47	cps
Zirconium	90-1	1267	1125	1275	1222	6.90	cps
Zirconium	91-1	283	383	225	297	26.94	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:15:29	DataFile Name :	203AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104	96	114	105	8.40	cps
Antimony	121-1	100	175	142	139	27.06	cps
Arsenic	75-2	793	719	739	750	5.10	cps
Barium	135-1	6243	6410	6427	6360	1.59	cps
Barium	137-1	11055	10955	11088	11033	0.63	cps
Beryllium	9-1	52	52	50	51	2.25	cps
Bismuth	209-1	10736754	10534154	10362377	10544428	1.78	cps
Bismuth	209-2	4158255	4113215	4193125	4154865	0.96	cps
Boron	10-1	6158	6424	6800	6461	4.99	cps
Boron	11-1	28292	28983	28711	28662	1.21	cps
Bromine	81-1	65333	72353	75286	70991	7.20	cps
Cadmium	111-1	1614	1517	1405	1512	6.93	cps
Cadmium	106-1	8078	7627	7094	7600	6.48	cps
Cadmium	108-1	79	83	79	81	2.99	cps
Calcium	43-1	1132073	1108319	1095467	1111953	1.67	cps
Calcium	44-1	17906779	17027360	17871891	17602010	2.83	cps
Carbon	12-1	8210480	8320098	8184508	8238362	0.87	cps
Carbon	12-2	79265	75453	78343	77687	2.56	cps
Chlorine	35-1	559886	545910	547754	551183	1.38	cps
Chlorine	35-2	3259	3075	3042	3125	3.73	cps
Chromium	52-2	1357	1363	1277	1332	3.62	cps
Cobalt	59-2	2980	2894	2810	2895	2.94	cps
Copper	63-2	1457	1427	1560	1481	4.72	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	150	92	133	125	24.04	cps
Erbium	164-2	53	33	50	46	23.52	cps
Gadolinium	160-1	58	158	75	97	55.11	cps
Gadolinium	160-2	63	77	53	64	18.17	cps
Holmium	165-1	17969916	17332881	17235026	17512607	2.28	cps
Holmium	165-2	6093119	5953381	5969119	6005206	1.27	cps
Indium	115-1	15985137	16676881	16204621	16288879	2.17	cps
Indium	115-2	2111148	2025859	2022714	2053240	2.44	cps
Iron	54-2	28206	27816	27894	27972	0.74	cps
Iron	56-2	511492	504764	501596	505951	1.00	cps
Iron	57-2	13445	13028	13023	13166	1.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:15:29	DataFile Name :	203AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13408	13371	13237	13339	0.68	cps
Lead	206-1	1439	1467	1322	1409	5.44	cps
Lead	207-1	1178	1317	1167	1220	6.85	cps
Lead	208-1	5495	5612	5367	5491	2.23	cps
Lithium	6-1	9453263	10052310	8938873	9481482	5.88	cps
Magnesium	24-2	2621345	2605668	2563797	2596937	1.15	cps
Manganese	55-2	213957	209234	207802	210331	1.53	cps
Molybdenum	94-1	483	492	800	592	30.50	cps
Molybdenum	95-1	533	500	592	542	8.57	cps
Molybdenum	96-1	1000	908	908	939	5.64	cps
Molybdenum	97-1	250	208	167	208	20.00	cps
Molybdenum	98-1	925	817	642	794	18.00	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	623	580	550	584	6.31	cps
Phosphorus	31-2	75	142	83	100	36.32	cps
Potassium	39-2	55758	54763	55315	55279	0.90	cps
Rhodium	103-1	15849055	15271364	14914963	15345127	3.07	cps
Rhodium	103-2	5261711	5395975	5426762	5361483	1.64	cps
Scandium	45-1	12631633	12966809	13177414	12925286	2.13	cps
Scandium	45-2	309281	300318	302075	303891	1.56	cps
Selenium	82-1	-176	-275	-328	-260	-29.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	92	109	118	106	12.42	cps
Silicon	28-1	6397515	6190495	5975487	6187832	3.41	cps
Silver	107-1	208	250	217	225	9.80	cps
Silver	109-1	183	158	175	172	7.39	cps
Sodium	23-2	736768	716199	708684	720550	2.02	cps
Strontium	86-1	2508270	2595513	2489444	2531076	2.24	cps
Strontium	88-1	20517741	21653779	21103690	21091737	2.69	cps
Sulfur	34-1	2556899	2470452	2482430	2503261	1.87	cps
Terbium	159-1	18341316	18637710	18136982	18372003	1.37	cps
Terbium	159-2	5946130	5949324	5729921	5875125	2.14	cps
Thallium	203-1	358	292	308	319	10.86	cps
Thallium	205-1	825	800	750	792	4.82	cps
Tin	118-1	1708	1475	1617	1600	7.35	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-17DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ58	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:15:29	DataFile Name :	203AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	650	658	650	653	0.74	cps
Uranium	238-1	1133	1108	1025	1089	5.21	cps
Vanadium	51-2	27	17	23	22	22.91	cps
Ytterbium	172-1	100	100	58	86	27.93	cps
Ytterbium	172-2	33	44	56	44	25.01	cps
Ytterbium	176-1	2284	2517	2284	2361	5.71	cps
Ytterbium	176-2	6774	6813	7335	6974	4.50	cps
Yttrium	89-1	26078816	27430710	25928227	26479251	3.12	cps
Yttrium	89-2	2378499	2306537	2375936	2353657	1.73	cps
Zinc	66-2	207	233	253	231	10.13	cps
Zirconium	90-1	1100	1183	1017	1100	7.58	cps
Zirconium	91-1	217	208	183	203	8.55	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:18:26	DataFile Name :	204AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144	117	154	138	13.53	cps
Antimony	121-1	75	75	42	64	30.12	cps
Arsenic	75-2	9785	9574	9465	9608	1.69	cps
Barium	135-1	11130	11747	11347	11408	2.74	cps
Barium	137-1	20024	20007	20483	20171	1.34	cps
Beryllium	9-1	54	46	48	49	8.44	cps
Bismuth	209-1	10259103	10042744	10185772	10162539	1.08	cps
Bismuth	209-2	4079469	4091611	4167401	4112827	1.16	cps
Boron	10-1	12585	11889	12635	12370	3.37	cps
Boron	11-1	55395	56980	57613	56663	2.02	cps
Bromine	81-1	75828	77912	81609	78450	3.73	cps
Cadmium	111-1	1482	1542	1545	1523	2.33	cps
Cadmium	106-1	7477	7903	7577	7652	2.91	cps
Cadmium	108-1	79	79	42	67	32.47	cps
Calcium	43-1	2102504	1995952	2060632	2053029	2.61	cps
Calcium	44-1	32893512	32827413	33162669	32961198	0.54	cps
Carbon	12-1	8613656	8428788	8726722	8589722	1.75	cps
Carbon	12-2	83614	79416	83622	82217	2.95	cps
Chlorine	35-1	512229	503997	507748	507991	0.81	cps
Chlorine	35-2	2967	2984	3259	3070	5.34	cps
Chromium	52-2	1227	1217	1153	1199	3.32	cps
Cobalt	59-2	210	213	220	214	2.37	cps
Copper	63-2	970	987	1040	999	3.66	cps
Dysprosium	156-1	42	17	50	36	48.03	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	200	108	142	150	30.93	cps
Erbium	164-2	37	40	43	40	8.32	cps
Gadolinium	160-1	150	108	83	114	29.57	cps
Gadolinium	160-2	80	93	100	91	11.18	cps
Holmium	165-1	16697854	17207984	16716122	16873987	1.72	cps
Holmium	165-2	5968029	5846615	5890614	5901753	1.04	cps
Indium	115-1	15266260	16306578	15424494	15665777	3.58	cps
Indium	115-2	1987942	1938497	1951142	1959194	1.31	cps
Iron	54-2	194971	191703	196450	194375	1.25	cps
Iron	56-2	3701637	3723025	3613559	3679407	1.58	cps
Iron	57-2	89977	91587	89687	90417	1.13	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:18:26	DataFile Name :	204AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13614	13136	13411	13387	1.79	cps
Lead	206-1	1306	1467	1450	1408	6.30	cps
Lead	207-1	1300	1295	1300	1298	0.25	cps
Lead	208-1	5890	6045	5906	5947	1.44	cps
Lithium	6-1	9150150	9317837	9662391	9376793	2.79	cps
Magnesium	24-2	6468616	6426481	6565926	6487007	1.10	cps
Manganese	55-2	552214	541568	546228	546670	0.98	cps
Molybdenum	94-1	558	492	575	542	8.14	cps
Molybdenum	95-1	283	283	308	292	4.95	cps
Molybdenum	96-1	842	817	783	814	3.60	cps
Molybdenum	97-1	142	192	150	161	16.63	cps
Molybdenum	98-1	400	358	292	350	15.61	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	140	137	177	151	14.69	cps
Phosphorus	31-2	408	325	300	344	16.47	cps
Potassium	39-2	91733	91045	92580	91786	0.84	cps
Rhodium	103-1	14749334	14936580	14409741	14698552	1.82	cps
Rhodium	103-2	5429055	5197668	5232166	5286296	2.36	cps
Scandium	45-1	12738409	12720037	12737314	12731920	0.08	cps
Scandium	45-2	303910	303973	300565	302816	0.64	cps
Selenium	82-1	-444	377	218	50	869.97	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	116	97	105	106	9.00	cps
Silicon	28-1	15562603	14771731	15189236	15174523	2.61	cps
Silver	107-1	267	208	200	225	16.14	cps
Silver	109-1	242	175	167	194	21.14	cps
Sodium	23-2	1612524	1637940	1647621	1632695	1.11	cps
Strontium	86-1	3591942	3540993	3414200	3515711	2.60	cps
Strontium	88-1	30900900	30087788	29789709	30259466	1.90	cps
Sulfur	34-1	4476255	4338368	4498114	4437579	1.95	cps
Terbium	159-1	17663724	18440138	17683706	17929189	2.47	cps
Terbium	159-2	5690267	6168434	5899031	5919244	4.05	cps
Thallium	203-1	400	275	308	328	19.75	cps
Thallium	205-1	808	758	817	794	3.97	cps
Tin	118-1	1917	1600	1600	1706	10.72	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-18DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ08	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:18:26	DataFile Name :	204AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	742	875	950	856	12.33	cps
Uranium	238-1	108	208	167	161	31.18	cps
Vanadium	51-2	50	23	20	31	52.86	cps
Ytterbium	172-1	108	58	67	78	34.45	cps
Ytterbium	172-2	11	50	28	30	65.85	cps
Ytterbium	176-1	2375	2509	2625	2503	5.00	cps
Ytterbium	176-2	6324	7096	6691	6704	5.77	cps
Yttrium	89-1	26505780	26193469	26469976	26389742	0.65	cps
Yttrium	89-2	2352248	2372141	2312296	2345562	1.30	cps
Zinc	66-2	493	387	467	449	12.37	cps
Zirconium	90-1	1183	1358	1225	1256	7.28	cps
Zirconium	91-1	300	325	250	292	13.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:21:22	DataFile Name :	205AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177	161	172	170	4.88	cps
Antimony	121-1	117	142	158	139	15.10	cps
Arsenic	75-2	114	106	100	107	6.58	cps
Barium	135-1	5510	5393	5335	5412	1.65	cps
Barium	137-1	8962	8645	8870	8825	1.85	cps
Beryllium	9-1	54	52	62	56	9.45	cps
Bismuth	209-1	10386475	10005648	10328056	10240060	2.00	cps
Bismuth	209-2	4169826	4151139	3979295	4100087	2.56	cps
Boron	10-1	9977	10474	10404	10285	2.61	cps
Boron	11-1	44734	46499	46658	45964	2.32	cps
Bromine	81-1	75385	76300	78427	76704	2.03	cps
Cadmium	111-1	1595	1562	1488	1548	3.57	cps
Cadmium	106-1	7986	7936	7511	7811	3.34	cps
Cadmium	108-1	50	83	63	65	25.79	cps
Calcium	43-1	1848592	1720699	1841430	1803573	3.98	cps
Calcium	44-1	28597572	27539069	28898093	28344911	2.52	cps
Carbon	12-1	8388873	8647405	8588155	8541478	1.59	cps
Carbon	12-2	80789	83438	82491	82239	1.63	cps
Chlorine	35-1	515071	526399	523492	521654	1.13	cps
Chlorine	35-2	3125	3292	3159	3192	2.76	cps
Chromium	52-2	1390	1243	1290	1308	5.73	cps
Cobalt	59-2	2600	2677	2764	2680	3.05	cps
Copper	63-2	1490	1333	1373	1399	5.82	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	167	133	117	139	18.33	cps
Erbium	164-2	40	37	33	37	9.10	cps
Gadolinium	160-1	75	83	108	89	19.52	cps
Gadolinium	160-2	83	73	87	81	8.56	cps
Holmium	165-1	17278490	17211421	17311393	17267101	0.30	cps
Holmium	165-2	5907239	6032236	5985558	5975011	1.06	cps
Indium	115-1	16055889	15842081	15750632	15882867	0.99	cps
Indium	115-2	2004864	1946064	1945205	1965378	1.74	cps
Iron	54-2	33751	34342	33684	33926	1.07	cps
Iron	56-2	600795	598969	599295	599686	0.16	cps
Iron	57-2	16577	16532	16927	16679	1.30	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:21:22	DataFile Name :	205AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13335	13392	13421	13383	0.33	cps
Lead	206-1	1322	1245	1278	1282	3.04	cps
Lead	207-1	1117	1095	1172	1128	3.55	cps
Lead	208-1	5489	5067	5301	5286	4.00	cps
Lithium	6-1	9490605	9381377	9055300	9309094	2.43	cps
Magnesium	24-2	5585994	5578350	5826389	5663578	2.49	cps
Manganese	55-2	502640	505483	513241	507121	1.08	cps
Molybdenum	94-1	1183	1025	1142	1117	7.35	cps
Molybdenum	95-1	1250	1342	1142	1245	8.05	cps
Molybdenum	96-1	1575	1667	1758	1667	5.50	cps
Molybdenum	97-1	700	733	775	736	5.11	cps
Molybdenum	98-1	1925	1992	1733	1884	7.12	cps
Neodymium	150-1	20	47	20	29	53.30	cps
Neodymium	150-2	10	0	10	7	86.60	cps
Nickel	60-2	327	347	350	341	3.70	cps
Phosphorus	31-2	75	100	92	89	14.32	cps
Potassium	39-2	56001	54838	56587	55809	1.60	cps
Rhodium	103-1	14987705	15210928	14874382	15024339	1.14	cps
Rhodium	103-2	5257790	5204266	5192277	5218111	0.67	cps
Scandium	45-1	12808386	12430277	12783727	12674130	1.67	cps
Scandium	45-2	306354	312916	306502	308591	1.21	cps
Selenium	82-1	-240	-244	-43	-176	-65.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	102	107	94	101	6.49	cps
Silicon	28-1	14188708	14294529	14301989	14261742	0.44	cps
Silver	107-1	250	208	242	233	9.45	cps
Silver	109-1	125	142	92	119	21.31	cps
Sodium	23-2	1435818	1478637	1473385	1462613	1.60	cps
Strontium	86-1	2887420	2784491	2894748	2855553	2.16	cps
Strontium	88-1	24119739	24163372	24046702	24109938	0.24	cps
Sulfur	34-1	4235542	4219978	4093510	4183010	1.86	cps
Terbium	159-1	17605736	17470069	17760661	17612155	0.83	cps
Terbium	159-2	6006953	5839613	5948703	5931756	1.43	cps
Thallium	203-1	333	258	283	292	13.09	cps
Thallium	205-1	850	725	683	753	11.52	cps
Tin	118-1	1692	1792	1658	1714	4.05	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-19DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ06	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:21:22	DataFile Name :	205AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	792	825	867	828	4.54	cps
Uranium	238-1	1950	2100	2309	2120	8.49	cps
Vanadium	51-2	47	57	43	49	14.20	cps
Ytterbium	172-1	133	100	117	117	14.29	cps
Ytterbium	172-2	61	39	28	43	39.84	cps
Ytterbium	176-1	2459	2209	2167	2278	6.93	cps
Ytterbium	176-2	6379	6652	6613	6548	2.25	cps
Yttrium	89-1	26429303	25881355	26231855	26180838	1.06	cps
Yttrium	89-2	2304722	2270364	2353696	2309594	1.81	cps
Zinc	66-2	270	330	270	290	11.94	cps
Zirconium	90-1	1208	1242	1342	1264	5.49	cps
Zirconium	91-1	283	242	200	242	17.24	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:24:17	DataFile Name :	206AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	559	510	510	526	5.35	cps
Antimony	121-1	325	275	358	319	13.13	cps
Arsenic	75-2	1031	993	999	1008	2.03	cps
Barium	135-1	18864	17528	19222	18538	4.82	cps
Barium	137-1	32089	31838	32423	32117	0.91	cps
Beryllium	9-1	64	42	46	51	23.13	cps
Bismuth	209-1	10267038	9633851	9854021	9918304	3.24	cps
Bismuth	209-2	4172664	4075034	4013475	4087058	1.96	cps
Boron	10-1	8899	9209	9473	9194	3.13	cps
Boron	11-1	40290	41764	41239	41097	1.82	cps
Bromine	81-1	75969	81434	82511	79971	4.39	cps
Cadmium	111-1	1603	1553	1490	1549	3.68	cps
Cadmium	106-1	8053	7702	7469	7741	3.79	cps
Cadmium	108-1	46	83	42	57	40.30	cps
Calcium	43-1	1752281	1721484	1687747	1720504	1.88	cps
Calcium	44-1	27795631	26671750	27641283	27369554	2.23	cps
Carbon	12-1	8452459	8684595	8848078	8661711	2.30	cps
Carbon	12-2	83144	80496	82892	82178	1.78	cps
Chlorine	35-1	544004	537315	542438	541252	0.65	cps
Chlorine	35-2	3175	3159	3292	3209	2.26	cps
Chromium	52-2	1300	1210	1177	1229	5.19	cps
Cobalt	59-2	450	453	570	491	13.92	cps
Copper	63-2	1357	1417	1387	1387	2.16	cps
Dysprosium	156-1	8	50	33	31	68.64	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	117	175	92	128	33.47	cps
Erbium	164-2	30	57	47	44	30.31	cps
Gadolinium	160-1	100	42	75	72	40.52	cps
Gadolinium	160-2	80	67	97	81	18.53	cps
Holmium	165-1	17551399	17042210	16507172	17033594	3.07	cps
Holmium	165-2	6042894	6045720	5932249	6006955	1.08	cps
Indium	115-1	15909953	15919560	16287787	16039100	1.34	cps
Indium	115-2	1999313	2054931	1990837	2015027	1.73	cps
Iron	54-2	11666	12383	11766	11939	3.25	cps
Iron	56-2	217121	211970	212079	213723	1.38	cps
Iron	57-2	6424	6485	6729	6546	2.47	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:24:17	DataFile Name :	206AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13665	13338	14073	13692	2.69	cps
Lead	206-1	1567	1489	1478	1511	3.21	cps
Lead	207-1	1233	1456	1189	1293	11.05	cps
Lead	208-1	5878	6051	5684	5871	3.13	cps
Lithium	6-1	9240483	9285650	9303919	9276684	0.35	cps
Magnesium	24-2	6391990	6634620	6631507	6552705	2.12	cps
Manganese	55-2	42868	42777	44499	43382	2.23	cps
Molybdenum	94-1	1142	1092	1050	1095	4.19	cps
Molybdenum	95-1	983	1108	1158	1083	8.32	cps
Molybdenum	96-1	1500	1700	1742	1647	7.84	cps
Molybdenum	97-1	692	725	850	756	11.05	cps
Molybdenum	98-1	1775	1825	1934	1845	4.39	cps
Neodymium	150-1	20	7	40	22	75.49	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	357	337	430	374	13.12	cps
Phosphorus	31-2	125	100	92	106	16.43	cps
Potassium	39-2	66537	67584	66236	66786	1.06	cps
Rhodium	103-1	14960645	14402090	15340752	14901162	3.17	cps
Rhodium	103-2	5421599	5385018	5275766	5360794	1.42	cps
Scandium	45-1	12791642	12466374	12798618	12685545	1.50	cps
Scandium	45-2	307296	304545	307942	306594	0.59	cps
Selenium	82-1	-225	248	225	83	323.06	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	119	122	116	119	2.52	cps
Silicon	28-1	13345230	12840167	13301651	13162349	2.13	cps
Silver	107-1	258	208	258	242	11.94	cps
Silver	109-1	183	125	125	144	23.32	cps
Sodium	23-2	2131040	2220125	2137472	2162879	2.30	cps
Strontium	86-1	2714798	2719410	2793176	2742462	1.60	cps
Strontium	88-1	24092325	22989238	22638552	23240038	3.26	cps
Sulfur	34-1	4539122	4353372	4425040	4439178	2.11	cps
Terbium	159-1	18662678	18491653	18546920	18567084	0.47	cps
Terbium	159-2	6004817	5844997	5728406	5859407	2.37	cps
Thallium	203-1	225	325	375	308	24.77	cps
Thallium	205-1	633	833	925	797	18.71	cps
Tin	118-1	1709	1592	1600	1633	3.99	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2067-20DLX10	Instrumnet Name :	P8
Client Sample ID :	YAZ54	Dilution Factor :	10
Date & Time Acquired ::	2022-04-10 23:24:17	DataFile Name :	206AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1133	1233	1275	1214	6.00	cps
Uranium	238-1	2834	2800	2892	2842	1.63	cps
Vanadium	51-2	120	153	160	144	14.84	cps
Ytterbium	172-1	92	83	100	92	9.09	cps
Ytterbium	172-2	28	39	44	37	22.91	cps
Ytterbium	176-1	2225	2175	2384	2261	4.81	cps
Ytterbium	176-2	6346	7035	6930	6770	5.48	cps
Yttrium	89-1	26478974	25177800	25413321	25690032	2.70	cps
Yttrium	89-2	2428388	2363684	2381912	2391328	1.40	cps
Zinc	66-2	523	433	510	489	9.94	cps
Zirconium	90-1	1317	1258	1192	1256	4.98	cps
Zirconium	91-1	283	217	275	258	14.06	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BL	Instrumnet Name :	P8
Client Sample ID :	PBW730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:30:44	DataFile Name :	207CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	80	76	77	3.38	cps
Antimony	121-1	58	67	67	64	7.54	cps
Arsenic	75-2	6	2	5	4	48.04	cps
Barium	135-1	42	58	33	44	28.65	cps
Barium	137-1	100	58	33	64	52.72	cps
Beryllium	9-1	30	50	46	42	25.20	cps
Bismuth	209-1	9490785	10273136	9797342	9853754	4.00	cps
Bismuth	209-2	4052208	4006103	4029500	4029270	0.57	cps
Boron	10-1	1706	1782	1646	1711	3.98	cps
Boron	11-1	7641	7576	7272	7496	2.62	cps
Bromine	81-1	64663	74372	70030	69688	6.98	cps
Cadmium	111-1	1414	1425	1387	1409	1.40	cps
Cadmium	106-1	7169	7152	6952	7091	1.70	cps
Cadmium	108-1	88	38	71	65	39.00	cps
Calcium	43-1	285	259	277	274	4.94	cps
Calcium	44-1	15809	16064	15371	15748	2.22	cps
Carbon	12-1	8338539	8148904	8306660	8264701	1.23	cps
Carbon	12-2	76250	80622	77614	78162	2.86	cps
Chlorine	35-1	526456	539226	539356	535013	1.39	cps
Chlorine	35-2	3242	3084	3234	3187	2.80	cps
Chromium	52-2	1423	1293	1443	1387	5.87	cps
Cobalt	59-2	50	47	80	59	31.17	cps
Copper	63-2	930	977	897	934	4.30	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	50	117	133	100	44.10	cps
Erbium	164-2	50	50	43	48	8.06	cps
Gadolinium	160-1	58	92	83	78	22.31	cps
Gadolinium	160-2	73	90	83	82	10.20	cps
Holmium	165-1	15425141	16690709	16381372	16165740	4.08	cps
Holmium	165-2	5591116	5678210	5808102	5692476	1.92	cps
Indium	115-1	15098789	15588244	15121643	15269559	1.81	cps
Indium	115-2	1933445	1876325	1944163	1917978	1.90	cps
Iron	54-2	878	883	822	861	3.92	cps
Iron	56-2	6057	6490	6435	6327	3.73	cps
Iron	57-2	233	167	172	191	19.39	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BL	Instrumnet Name :	P8
Client Sample ID :	PBW730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:30:44	DataFile Name :	207CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13398	13457	13555	13470	0.59	cps
Lead	206-1	1283	1450	1278	1337	7.32	cps
Lead	207-1	1183	895	995	1024	14.33	cps
Lead	208-1	4934	4778	4823	4845	1.65	cps
Lithium	6-1	8674896	8643543	8817323	8711921	1.06	cps
Magnesium	24-2	583	767	1067	806	30.29	cps
Manganese	55-2	153	130	93	126	24.09	cps
Molybdenum	94-1	417	358	383	386	7.58	cps
Molybdenum	95-1	58	100	67	75	29.39	cps
Molybdenum	96-1	492	483	425	467	7.78	cps
Molybdenum	97-1	0	100	33	44	114.57	cps
Molybdenum	98-1	142	167	125	144	14.52	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	40	77	53	57	32.76	cps
Phosphorus	31-2	75	108	92	92	18.18	cps
Potassium	39-2	18487	18162	18829	18493	1.80	cps
Rhodium	103-1	14130686	14991334	14431563	14517861	3.01	cps
Rhodium	103-2	5173549	5072103	5359569	5201740	2.80	cps
Scandium	45-1	11671939	12322392	12274337	12089556	3.00	cps
Scandium	45-2	294915	291393	295623	293977	0.77	cps
Selenium	82-1	126	-171	176	44	429.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	99	72	109	93	20.50	cps
Silicon	28-1	777051	772086	767308	772148	0.63	cps
Silver	107-1	250	233	267	250	6.67	cps
Silver	109-1	142	167	125	144	14.52	cps
Sodium	23-2	16343	16151	16360	16284	0.71	cps
Strontium	86-1	21651	20983	21292	21308	1.57	cps
Strontium	88-1	1558	1375	1267	1400	10.53	cps
Sulfur	34-1	467307	472032	469373	469571	0.50	cps
Terbium	159-1	16895289	16946458	17260222	17033990	1.16	cps
Terbium	159-2	5905947	5728972	5900801	5845240	1.72	cps
Thallium	203-1	308	358	350	339	7.90	cps
Thallium	205-1	692	658	742	697	6.02	cps
Tin	118-1	1533	1742	1792	1689	8.11	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BL	Instrumnet Name :	P8
Client Sample ID :	PBW730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:30:44	DataFile Name :	207CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	425	367	400	7.51	cps
Uranium	238-1	33	58	17	36	58.08	cps
Vanadium	51-2	3	13	17	11	62.48	cps
Ytterbium	172-1	75	175	83	111	49.94	cps
Ytterbium	172-2	0	33	33	22	86.60	cps
Ytterbium	176-1	2175	1875	2067	2039	7.45	cps
Ytterbium	176-2	5824	6302	6735	6287	7.25	cps
Yttrium	89-1	25165975	25702887	25035401	25301421	1.40	cps
Yttrium	89-2	2237804	2268683	2288369	2264952	1.13	cps
Zinc	66-2	153	137	110	133	16.40	cps
Zirconium	90-1	858	1025	1242	1042	18.45	cps
Zirconium	91-1	192	225	208	208	8.00	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BS	Instrumnet Name :	P8
Client Sample ID :	LCS730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:33:48	DataFile Name :	208LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3781	3843	3855	3826	1.03	cps
Antimony	121-1	36240	37887	37536	37221	2.33	cps
Arsenic	75-2	573	512	571	552	6.28	cps
Barium	135-1	51758	52771	51022	51850	1.69	cps
Barium	137-1	89263	90228	92862	90784	2.05	cps
Beryllium	9-1	9207	9581	9001	9263	3.18	cps
Bismuth	209-1	9504954	9543966	9532747	9527222	0.21	cps
Bismuth	209-2	4071584	3915017	3998396	3994999	1.96	cps
Boron	10-1	34530	34538	38269	35779	6.03	cps
Boron	11-1	151492	165398	161710	159533	4.52	cps
Bromine	81-1	73434	69135	71151	71240	3.02	cps
Cadmium	111-1	7341	7423	7552	7438	1.43	cps
Cadmium	106-1	7494	7477	8103	7691	4.63	cps
Cadmium	108-1	496	600	488	528	11.88	cps
Calcium	43-1	46666	46789	46540	46665	0.27	cps
Calcium	44-1	762134	767466	767157	765586	0.39	cps
Carbon	12-1	8124192	8182263	7877504	8061320	2.01	cps
Carbon	12-2	77288	74599	76668	76185	1.85	cps
Chlorine	35-1	496149	501967	505983	501366	0.99	cps
Chlorine	35-2	3000	3050	3392	3148	6.77	cps
Chromium	52-2	13637	13767	13446	13617	1.18	cps
Cobalt	59-2	10881	10694	10381	10652	2.37	cps
Copper	63-2	17094	16960	17010	17021	0.40	cps
Dysprosium	156-1	0	33	25	19	89.21	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	167	67	92	108	48.04	cps
Erbium	164-2	30	50	43	41	24.77	cps
Gadolinium	160-1	67	125	58	83	43.58	cps
Gadolinium	160-2	53	107	97	86	33.14	cps
Holmium	165-1	16423552	16177883	15842138	16147858	1.81	cps
Holmium	165-2	5697494	5561007	5748808	5669103	1.71	cps
Indium	115-1	14413594	15157047	15357676	14976105	3.32	cps
Indium	115-2	1973673	1879467	1895355	1916165	2.63	cps
Iron	54-2	51828	51616	51749	51731	0.21	cps
Iron	56-2	910424	911048	920042	913838	0.59	cps
Iron	57-2	22885	23937	23141	23321	2.35	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BS	Instrumnet Name :	P8
Client Sample ID :	LCS730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:33:48	DataFile Name :	208LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12878	13376	13522	13259	2.55	cps
Lead	206-1	16939	16978	16911	16943	0.20	cps
Lead	207-1	14714	14358	14965	14679	2.08	cps
Lead	208-1	67637	66858	68094	67530	0.93	cps
Lithium	6-1	8935513	8790280	9009455	8911749	1.25	cps
Magnesium	24-2	244396	246510	244755	245220	0.46	cps
Manganese	55-2	3410	3314	3347	3357	1.46	cps
Molybdenum	94-1	53445	54097	53211	53585	0.86	cps
Molybdenum	95-1	67909	69559	68578	68682	1.21	cps
Molybdenum	96-1	72866	75154	75230	74417	1.81	cps
Molybdenum	97-1	40912	40652	41112	40892	0.56	cps
Molybdenum	98-1	106409	107692	107264	107122	0.61	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	3194	2994	2857	3015	5.62	cps
Phosphorus	31-2	133	167	225	175	26.51	cps
Potassium	39-2	191598	189716	191980	191098	0.63	cps
Rhodium	103-1	14288373	14195914	14057311	14180533	0.82	cps
Rhodium	103-2	5195918	5020785	5124506	5113736	1.72	cps
Scandium	45-1	11973657	11973110	12021993	11989587	0.23	cps
Scandium	45-2	291680	289243	294389	291771	0.88	cps
Selenium	82-1	2622	2403	2542	2523	4.39	cps
Selenium	77-2	87	43	80	70	33.34	cps
Selenium	78-2	347	355	329	344	3.87	cps
Silicon	28-1	893493	937128	916818	915813	2.38	cps
Silver	107-1	31412	31378	31979	31590	1.07	cps
Silver	109-1	29198	30459	29674	29777	2.14	cps
Sodium	23-2	447455	464331	469763	460517	2.53	cps
Strontium	86-1	38722	40802	40977	40167	3.12	cps
Strontium	88-1	163563	169956	164132	165883	2.13	cps
Sulfur	34-1	477537	469695	473253	473495	0.83	cps
Terbium	159-1	16268921	16290190	16470445	16343185	0.68	cps
Terbium	159-2	5663350	5488912	5610448	5587570	1.60	cps
Thallium	203-1	19023	19448	19006	19159	1.31	cps
Thallium	205-1	44369	45373	46167	45303	1.99	cps
Tin	118-1	3617	3384	3559	3520	3.45	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143730BS	Instrumnet Name :	P8
Client Sample ID :	LCS730	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:33:48	DataFile Name :	208LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	20165	20515	19722	20134	1.97	cps
Uranium	238-1	57240	58889	56980	57703	1.79	cps
Vanadium	51-2	22461	21780	22171	22137	1.54	cps
Ytterbium	172-1	108	92	100	100	8.33	cps
Ytterbium	172-2	33	22	39	31	26.96	cps
Ytterbium	176-1	2217	2400	2292	2303	4.00	cps
Ytterbium	176-2	5957	6696	6291	6315	5.86	cps
Yttrium	89-1	25408140	24576397	24612910	24865816	1.89	cps
Yttrium	89-2	2286311	2188546	2265420	2246759	2.29	cps
Zinc	66-2	5274	5241	5258	5258	0.32	cps
Zirconium	90-1	41446	41212	41579	41412	0.45	cps
Zirconium	91-1	9062	9887	9537	9495	4.36	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:42:50	DataFile Name :	209CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4788036	4872226	4844804	4835022	0.89	cps
Antimony	121-1	5374043	5266324	5333703	5324690	1.02	cps
Arsenic	75-2	157286	156978	158099	157455	0.37	cps
Barium	135-1	7435092	7413305	7288094	7378830	1.08	cps
Barium	137-1	12614061	12446210	12502242	12520838	0.68	cps
Beryllium	9-1	2580084	2612478	2564502	2585688	0.95	cps
Bismuth	209-1	8489084	8795153	8450249	8578162	2.20	cps
Bismuth	209-2	3744355	3611777	3727936	3694689	1.96	cps
Boron	10-1	638082	637791	659549	645141	1.93	cps
Boron	11-1	2642630	2782776	2919554	2781653	4.98	cps
Bromine	81-1	65354	62899	67034	65095	3.20	cps
Cadmium	111-1	1546890	1568821	1595298	1570336	1.54	cps
Cadmium	106-1	189644	188968	190611	189741	0.44	cps
Cadmium	108-1	135048	126222	131971	131080	3.42	cps
Calcium	43-1	12800707	12959521	12387352	12715860	2.32	cps
Calcium	44-1	206352089	210261249	199429092	205347477	2.67	cps
Carbon	12-1	9212526	9700119	9768415	9560353	3.17	cps
Carbon	12-2	100369	98740	98077	99062	1.19	cps
Chlorine	35-1	434086	440594	432780	435820	0.96	cps
Chlorine	35-2	2659	2959	2900	2839	5.60	cps
Chromium	52-2	1591334	1563268	1593492	1582698	1.07	cps
Cobalt	59-2	2769056	2690693	2734533	2731427	1.44	cps
Copper	63-2	21186747	20920866	20975286	21027633	0.67	cps
Dysprosium	156-1	1083	1050	875	1003	11.16	cps
Dysprosium	156-2	227	323	297	282	17.69	cps
Erbium	164-1	283	200	258	247	17.30	cps
Erbium	164-2	80	67	97	81	18.53	cps
Gadolinium	160-1	625	633	617	625	1.33	cps
Gadolinium	160-2	277	337	280	298	11.32	cps
Holmium	165-1	15240790	16270511	16143589	15884963	3.53	cps
Holmium	165-2	5697420	5926062	5840963	5821481	1.99	cps
Indium	115-1	13446043	14282317	14130610	13952990	3.19	cps
Indium	115-2	1811319	1836380	1847677	1831792	1.02	cps
Iron	54-2	16697802	17041037	17057093	16931977	1.20	cps
Iron	56-2	305020318	312208118	311469163	309565866	1.28	cps
Iron	57-2	7759313	7630459	7459098	7616290	1.98	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:42:50	DataFile Name :	209CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12394	12618	12779	12597	1.54	cps
Lead	206-1	21047338	20650584	20312671	20670198	1.78	cps
Lead	207-1	18409181	17726546	17528237	17887988	2.58	cps
Lead	208-1	84476263	81428075	79601789	81835376	3.01	cps
Lithium	6-1	8436387	8841977	8406819	8561728	2.84	cps
Magnesium	24-2	64931583	63310047	64044922	64095517	1.27	cps
Manganese	55-2	8442051	8532957	8706412	8560473	1.57	cps
Molybdenum	94-1	23192812	22857335	23226584	23092244	0.88	cps
Molybdenum	95-1	32341974	31958203	32644466	32314881	1.06	cps
Molybdenum	96-1	35797139	35613445	36243067	35884550	0.90	cps
Molybdenum	97-1	19873374	20056480	19978836	19969563	0.46	cps
Molybdenum	98-1	52493688	52199213	50552988	51748629	2.02	cps
Neodymium	150-1	420	513	547	493	13.31	cps
Neodymium	150-2	87	27	30	48	70.58	cps
Nickel	60-2	773500	781125	779247	777957	0.51	cps
Phosphorus	31-2	54244	54646	54931	54607	0.63	cps
Potassium	39-2	23997121	24559507	24592543	24383057	1.37	cps
Rhodium	103-1	12175538	12711312	12659999	12515616	2.36	cps
Rhodium	103-2	4694515	4789783	4841066	4775121	1.56	cps
Scandium	45-1	11482471	12164936	12094426	11913944	3.15	cps
Scandium	45-2	298864	301464	300690	300339	0.44	cps
Selenium	82-1	144634	145098	144170	144634	0.32	cps
Selenium	77-2	3454	3440	3394	3429	0.92	cps
Selenium	78-2	12498	12470	12524	12497	0.22	cps
Silicon	28-1	43598157	42376355	43879372	43284628	1.85	cps
Silver	107-1	8570485	8296257	8815137	8560626	3.03	cps
Silver	109-1	8116664	7860832	7866158	7947885	1.84	cps
Sodium	23-2	123965840	123162307	120380882	122503010	1.54	cps
Strontium	86-1	2364320	2337185	2381016	2360840	0.94	cps
Strontium	88-1	19799605	20210525	19733604	19914578	1.30	cps
Sulfur	34-1	1219514	1190831	1219830	1210058	1.38	cps
Terbium	159-1	16417009	17137828	17100004	16884947	2.40	cps
Terbium	159-2	5684354	5904961	5823555	5804290	1.92	cps
Thallium	203-1	5166506	5091278	4814639	5024141	3.69	cps
Thallium	205-1	11954854	12083182	11904255	11980764	0.77	cps
Tin	118-1	5162106	5170391	5212409	5181635	0.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV94	Instrumnet Name :	P8
Client Sample ID :	CCV94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:42:50	DataFile Name :	209CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10997283	11251272	11434416	11227657	1.96	cps
Uranium	238-1	15826959	16123036	15558363	15836119	1.78	cps
Vanadium	51-2	1287912	1290132	1253074	1277039	1.63	cps
Ytterbium	172-1	283	275	242	267	8.27	cps
Ytterbium	172-2	156	111	72	113	36.92	cps
Ytterbium	176-1	23463	23088	24657	23736	3.45	cps
Ytterbium	176-2	13902	14019	15081	14334	4.53	cps
Yttrium	89-1	23604380	25020385	23933368	24186044	3.06	cps
Yttrium	89-2	2243331	2334852	2308318	2295500	2.05	cps
Zinc	66-2	2684802	2634971	2635437	2651737	1.08	cps
Zirconium	90-1	12252342	12137773	11695908	12028674	2.44	cps
Zirconium	91-1	2731396	2665200	2668064	2688220	1.39	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : CCB94 Instrumnet Name : P8
 Client Sample ID : CCB94 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-10 23:49:34 DataFile Name : 210CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131	127	144	134	6.34	cps
Antimony	121-1	850	925	983	920	7.27	cps
Arsenic	75-2	10	6	8	8	25.00	cps
Barium	135-1	117	133	100	117	14.29	cps
Barium	137-1	192	275	200	222	20.65	cps
Beryllium	9-1	104	128	76	103	25.35	cps
Bismuth	209-1	10109899	9632698	10301652	10014750	3.44	cps
Bismuth	209-2	4088615	4091631	4292352	4157532	2.81	cps
Boron	10-1	14767	14266	13730	14254	3.64	cps
Boron	11-1	65126	63824	61795	63582	2.64	cps
Bromine	81-1	75316	70536	72061	72638	3.36	cps
Cadmium	111-1	1484	1408	1445	1446	2.63	cps
Cadmium	106-1	7210	6635	6860	6902	4.20	cps
Cadmium	108-1	83	75	63	74	14.24	cps
Calcium	43-1	375	502	331	403	22.08	cps
Calcium	44-1	17733	20025	16596	18118	9.64	cps
Carbon	12-1	7536450	7290485	7143532	7323489	2.71	cps
Carbon	12-2	68025	67079	68017	67707	0.80	cps
Chlorine	35-1	475840	470580	462457	469626	1.44	cps
Chlorine	35-2	2925	2917	2759	2867	3.28	cps
Chromium	52-2	1150	1317	1110	1192	9.19	cps
Cobalt	59-2	97	100	77	91	13.85	cps
Copper	63-2	1050	1057	1187	1098	7.02	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	108	125	100	111	11.46	cps
Erbium	164-2	20	27	33	27	24.99	cps
Gadolinium	160-1	100	75	50	75	33.33	cps
Gadolinium	160-2	80	77	97	84	12.69	cps
Holmium	165-1	17127494	17274204	16693278	17031659	1.77	cps
Holmium	165-2	5808933	5656598	5804186	5756572	1.50	cps
Indium	115-1	15408877	15895758	15299383	15534673	2.04	cps
Indium	115-2	1998095	2010712	1979141	1995983	0.80	cps
Iron	54-2	850	950	806	869	8.52	cps
Iron	56-2	8592	8714	9225	8844	3.80	cps
Iron	57-2	278	311	333	307	9.10	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:49:34	DataFile Name :	210CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14120	13736	13890	13916	1.39	cps
Lead	206-1	1683	1984	1750	1806	8.73	cps
Lead	207-1	1300	1506	1372	1393	7.49	cps
Lead	208-1	6440	7490	6334	6755	9.46	cps
Lithium	6-1	8704110	9111098	8477787	8764332	3.66	cps
Magnesium	24-2	1058	1092	1167	1106	5.02	cps
Manganese	55-2	207	217	263	229	13.21	cps
Molybdenum	94-1	1033	1058	708	933	20.92	cps
Molybdenum	95-1	650	967	692	769	22.36	cps
Molybdenum	96-1	1117	1533	1158	1270	18.08	cps
Molybdenum	97-1	425	642	275	447	41.22	cps
Molybdenum	98-1	1292	1692	925	1303	29.44	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	47	33	50	43	20.36	cps
Phosphorus	31-2	33	117	67	72	58.08	cps
Potassium	39-2	19697	19405	19238	19447	1.19	cps
Rhodium	103-1	14980602	15248309	14720716	14983209	1.76	cps
Rhodium	103-2	5381430	5330462	5523798	5411896	1.85	cps
Scandium	45-1	12680684	12615970	12501278	12599311	0.72	cps
Scandium	45-2	309332	310354	308133	309273	0.36	cps
Selenium	82-1	-238	261	-170	-49	-554.98	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	97	138	116	117	17.54	cps
Silicon	28-1	711453	689494	683903	694950	2.10	cps
Silver	107-1	650	833	575	686	19.37	cps
Silver	109-1	550	567	550	556	1.73	cps
Sodium	23-2	19046	19639	19388	19358	1.54	cps
Strontium	86-1	21876	21993	21317	21728	1.66	cps
Strontium	88-1	1008	1317	875	1067	21.24	cps
Sulfur	34-1	423193	419713	431023	424643	1.36	cps
Terbium	159-1	17624069	17947461	17779355	17783628	0.91	cps
Terbium	159-2	5863282	5821164	5930637	5871694	0.94	cps
Thallium	203-1	525	700	575	600	15.02	cps
Thallium	205-1	1617	1592	1258	1489	13.44	cps
Tin	118-1	1500	1642	1667	1603	5.61	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB94	Instrumnet Name :	P8
Client Sample ID :	CCB94	Dilution Factor :	1
Date & Time Acquired ::	2022-04-10 23:49:34	DataFile Name :	210CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	525	642	433	533	19.58	cps
Uranium	238-1	158	342	150	217	50.00	cps
Vanadium	51-2	17	27	20	21	24.12	cps
Ytterbium	172-1	108	100	58	89	30.14	cps
Ytterbium	172-2	33	39	33	35	9.12	cps
Ytterbium	176-1	2117	1884	1909	1970	6.51	cps
Ytterbium	176-2	6263	6741	6791	6598	4.42	cps
Yttrium	89-1	26628557	26273023	25775204	26225595	1.63	cps
Yttrium	89-2	2321766	2364067	2382910	2356248	1.33	cps
Zinc	66-2	123	200	173	166	23.51	cps
Zirconium	90-1	1333	1450	1525	1436	6.73	cps
Zirconium	91-1	242	317	325	294	15.59	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : N2309-20A Instrumnet Name : P8
 Client Sample ID : MH1Q12A Dilution Factor : 1
 Date & Time Acquired :: 2022-04-11 00:26:34 DataFile Name : 211AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2390636	2351540	2403654	2381943	1.14	cps
Antimony	121-1	74445	73155	71304	72968	2.16	cps
Arsenic	75-2	13920	13705	13804	13810	0.78	cps
Barium	135-1	2324157	2229891	2306678	2286909	2.19	cps
Barium	137-1	4085859	4037525	3891804	4005062	2.52	cps
Beryllium	9-1	11788	11292	11072	11384	3.22	cps
Bismuth	209-1	9733802	9829473	9528779	9697352	1.58	cps
Bismuth	209-2	4189222	4035335	4069731	4098096	1.97	cps
Boron	10-1	37732	38814	40493	39013	3.57	cps
Boron	11-1	166674	178682	181869	175742	4.56	cps
Bromine	81-1	98490	99795	97423	98569	1.21	cps
Cadmium	111-1	36940	36418	35188	36182	2.49	cps
Cadmium	106-1	11772	12364	10830	11655	6.64	cps
Cadmium	108-1	3605	3450	3421	3492	2.82	cps
Calcium	43-1	9225091	9019041	8716637	8986923	2.85	cps
Calcium	44-1	149594978	147532787	147096292	148074686	0.90	cps
Carbon	12-1	28798291	28484315	28381246	28554618	0.76	cps
Carbon	12-2	252710	258138	252438	254429	1.26	cps
Chlorine	35-1	76891523	90390325	98232725	88504858	12.20	cps
Chlorine	35-2	698423	720272	744726	721140	3.21	cps
Chromium	52-2	203262	202916	204447	203542	0.39	cps
Cobalt	59-2	134443	133309	133892	133881	0.42	cps
Copper	63-2	2237790	2210781	2269721	2239431	1.32	cps
Dysprosium	156-1	151554	149231	147081	149289	1.50	cps
Dysprosium	156-2	47140	46083	47026	46750	1.24	cps
Erbium	164-1	113612	115940	108555	112702	3.35	cps
Erbium	164-2	38085	38994	39291	38790	1.62	cps
Gadolinium	160-1	131784	125475	127283	128181	2.53	cps
Gadolinium	160-2	48592	49205	49020	48939	0.64	cps
Holmium	165-1	17308680	17116280	16706265	17043741	1.81	cps
Holmium	165-2	6064266	5971668	6226742	6087559	2.12	cps
Indium	115-1	16048237	15448196	15091650	15529361	3.11	cps
Indium	115-2	2041885	1987933	2013127	2014315	1.34	cps
Iron	54-2	12460250	12726264	12259098	12481871	1.88	cps
Iron	56-2	227670455	231435477	224524094	227876675	1.52	cps
Iron	57-2	5736470	5614004	5728814	5693096	1.21	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q12A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:26:34	DataFile Name :	211AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13549	13690	13619	13619	0.52	cps
Lead	206-1	7986699	8415823	7858945	8087156	3.61	cps
Lead	207-1	7000551	6960115	6683902	6881523	2.50	cps
Lead	208-1	32150889	32435046	31222223	31936053	1.99	cps
Lithium	6-1	9372185	8857680	9379206	9203023	3.25	cps
Magnesium	24-2	3889970	3939774	3891100	3906948	0.73	cps
Manganese	55-2	2686295	2638788	2587157	2637413	1.88	cps
Molybdenum	94-1	45191	45099	44823	45038	0.42	cps
Molybdenum	95-1	49773	49071	50049	49631	1.02	cps
Molybdenum	96-1	71980	72652	73849	72827	1.30	cps
Molybdenum	97-1	30718	30066	30225	30337	1.12	cps
Molybdenum	98-1	81591	76319	77342	78417	3.57	cps
Neodymium	150-1	245931	245773	240994	244232	1.15	cps
Neodymium	150-2	63219	64177	64789	64062	1.24	cps
Nickel	60-2	98996	98355	96204	97851	1.49	cps
Phosphorus	31-2	50447	47630	50522	49533	3.33	cps
Potassium	39-2	2074346	2017285	2088068	2059900	1.82	cps
Rhodium	103-1	15159085	14324915	14258626	14580875	3.44	cps
Rhodium	103-2	5197563	5166005	5054128	5139232	1.47	cps
Scandium	45-1	13240220	13075396	12365843	12893820	3.60	cps
Scandium	45-2	308178	306828	306605	307204	0.28	cps
Selenium	82-1	1708	1279	1112	1366	22.49	cps
Selenium	77-2	313	370	313	332	9.85	cps
Selenium	78-2	397	376	409	394	4.24	cps
Silicon	28-1	14131638	13433826	13436861	13667442	2.94	cps
Silver	107-1	43494	44080	45158	44244	1.91	cps
Silver	109-1	41455	42642	40628	41575	2.44	cps
Sodium	23-2	353871	360769	356109	356917	0.99	cps
Strontium	86-1	3475339	3400968	3316636	3397648	2.34	cps
Strontium	88-1	29483399	28612945	28770440	28955595	1.60	cps
Sulfur	34-1	758090	734858	708653	733867	3.37	cps
Terbium	159-1	19005001	18369386	17606806	18327064	3.82	cps
Terbium	159-2	6115769	6128305	6161901	6135325	0.39	cps
Thallium	203-1	9554	9962	10680	10065	5.66	cps
Thallium	205-1	24224	25426	24399	24683	2.63	cps
Tin	118-1	276055	262560	272979	270531	2.61	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2309-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q12A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:26:34	DataFile Name :	211AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1202248	1215276	1170387	1195970	1.93	cps
Uranium	238-1	203312	195944	209130	202795	3.26	cps
Vanadium	51-2	461627	450957	454490	455691	1.19	cps
Ytterbium	172-1	33643	32274	32892	32936	2.08	cps
Ytterbium	172-2	12979	12706	13018	12901	1.32	cps
Ytterbium	176-1	21919	22478	23096	22498	2.62	cps
Ytterbium	176-2	15181	15343	15242	15255	0.53	cps
Yttrium	89-1	29085247	28912554	27339710	28445837	3.38	cps
Yttrium	89-2	2521608	2504013	2474082	2499901	0.96	cps
Zinc	66-2	737345	745421	744334	742366	0.59	cps
Zirconium	90-1	43945	45731	42942	44206	3.19	cps
Zirconium	91-1	9620	10020	9528	9723	2.69	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q13A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:29:28	DataFile Name :	212AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2569883	2432556	2544168	2515536	2.90	cps
Antimony	121-1	77914	78443	78099	78152	0.34	cps
Arsenic	75-2	14253	14059	14204	14172	0.71	cps
Barium	135-1	2750514	2755881	2803480	2769958	1.05	cps
Barium	137-1	4800960	4704343	4742111	4749138	1.03	cps
Beryllium	9-1	12037	11706	11915	11886	1.40	cps
Bismuth	209-1	9768611	9434125	9478745	9560494	1.90	cps
Bismuth	209-2	4144773	4074876	4189675	4136441	1.40	cps
Boron	10-1	36396	38378	38792	37855	3.38	cps
Boron	11-1	163892	167009	166865	165922	1.06	cps
Bromine	81-1	88552	92878	87475	89635	3.19	cps
Cadmium	111-1	171181	172848	175145	173058	1.15	cps
Cadmium	106-1	23521	24531	22828	23627	3.62	cps
Cadmium	108-1	11618	12085	12389	12030	3.23	cps
Calcium	43-1	9629130	9733391	9760054	9707525	0.71	cps
Calcium	44-1	158324863	155106516	157446917	156959432	1.06	cps
Carbon	12-1	25363112	25599722	25206137	25389657	0.78	cps
Carbon	12-2	229863	237093	236632	234529	1.73	cps
Chlorine	35-1	123090415	136115374	148176232	135794007	9.24	cps
Chlorine	35-2	1017430	1029946	1069193	1038857	2.60	cps
Chromium	52-2	197105	192969	196242	195439	1.12	cps
Cobalt	59-2	148012	143571	143478	145021	1.79	cps
Copper	63-2	1013924	1021806	1013391	1016374	0.46	cps
Dysprosium	156-1	142959	141777	138325	141021	1.71	cps
Dysprosium	156-2	45237	44983	45829	45350	0.96	cps
Erbium	164-1	110032	109334	111066	110144	0.79	cps
Erbium	164-2	37155	38138	37978	37757	1.40	cps
Gadolinium	160-1	120761	121259	122724	121581	0.84	cps
Gadolinium	160-2	48629	48037	47789	48152	0.90	cps
Holmium	165-1	16661913	16788274	16315242	16588477	1.48	cps
Holmium	165-2	5966976	6286350	6208548	6153958	2.71	cps
Indium	115-1	15065539	15441283	15894776	15467199	2.68	cps
Indium	115-2	1967460	2027323	2072327	2022370	2.60	cps
Iron	54-2	11654010	11369443	11433089	11485514	1.30	cps
Iron	56-2	209330560	215185777	210350727	211622355	1.48	cps
Iron	57-2	5288367	5198298	5259856	5248840	0.88	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q13A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:29:28	DataFile Name :	212AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13034	13305	13024	13121	1.21	cps
Lead	206-1	11688117	12007193	11592098	11762469	1.85	cps
Lead	207-1	9749403	9943567	9665801	9786257	1.46	cps
Lead	208-1	45864411	46438084	45657780	45986758	0.88	cps
Lithium	6-1	9138402	9168075	9027828	9111435	0.81	cps
Magnesium	24-2	4004175	3936586	3970688	3970483	0.85	cps
Manganese	55-2	2959803	2954479	2912564	2942282	0.88	cps
Molybdenum	94-1	47315	47809	48285	47803	1.01	cps
Molybdenum	95-1	49974	50300	50409	50228	0.45	cps
Molybdenum	96-1	70983	68864	70622	70156	1.62	cps
Molybdenum	97-1	32171	30301	31679	31384	3.09	cps
Molybdenum	98-1	79001	77241	78557	78266	1.17	cps
Neodymium	150-1	235011	230599	232772	232794	0.95	cps
Neodymium	150-2	60727	62646	60697	61357	1.82	cps
Nickel	60-2	97868	95194	94552	95871	1.83	cps
Phosphorus	31-2	65457	63215	62695	63789	2.30	cps
Potassium	39-2	1826956	1820094	1809011	1818687	0.50	cps
Rhodium	103-1	13620363	13894523	13507673	13674186	1.46	cps
Rhodium	103-2	5284692	5218619	5423822	5309044	1.97	cps
Scandium	45-1	12258534	12407400	12330462	12332132	0.60	cps
Scandium	45-2	316699	321469	313139	317102	1.32	cps
Selenium	82-1	1479	1131	1586	1399	17.02	cps
Selenium	77-2	317	330	343	330	4.04	cps
Selenium	78-2	441	402	404	416	5.28	cps
Silicon	28-1	18746531	18764755	18642657	18717981	0.35	cps
Silver	107-1	55053	55129	56350	55511	1.31	cps
Silver	109-1	53715	52426	53263	53134	1.23	cps
Sodium	23-2	458918	457779	467313	461337	1.13	cps
Strontium	86-1	3767868	3856436	3841503	3821935	1.24	cps
Strontium	88-1	33088994	32739788	32962085	32930289	0.54	cps
Sulfur	34-1	700685	709845	717229	709253	1.17	cps
Terbium	159-1	17478863	17440550	16675197	17198203	2.64	cps
Terbium	159-2	6080330	6011514	6047866	6046570	0.57	cps
Thallium	203-1	9529	9137	10296	9654	6.11	cps
Thallium	205-1	23238	23355	22612	23068	1.73	cps
Tin	118-1	357351	366778	361202	361777	1.31	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2310-20A	Instrumnet Name :	P8
Client Sample ID :	MH1Q13A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:29:28	DataFile Name :	212AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1038518	1021094	1058887	1039500	1.82	cps
Uranium	238-1	260230	247111	254351	253897	2.59	cps
Vanadium	51-2	411771	399093	412896	407920	1.88	cps
Ytterbium	172-1	32399	32156	32909	32488	1.18	cps
Ytterbium	172-2	12495	12973	12790	12753	1.89	cps
Ytterbium	176-1	22094	22119	21827	22013	0.74	cps
Ytterbium	176-2	14775	14836	15515	15042	2.73	cps
Yttrium	89-1	26764853	27713814	27867348	27448672	2.18	cps
Yttrium	89-2	2604407	2558496	2663784	2608896	2.02	cps
Zinc	66-2	1041120	1019578	1029916	1030205	1.05	cps
Zirconium	90-1	48377	48026	51288	49230	3.64	cps
Zirconium	91-1	10621	10771	11188	10860	2.71	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04A	Instrumnet Name :	P8
Client Sample ID :	MH1Q15A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:32:24	DataFile Name :	213AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1620861	1674737	1698771	1664790	2.40	cps
Antimony	121-1	69336	68681	69662	69226	0.72	cps
Arsenic	75-2	37640	37436	37671	37582	0.34	cps
Barium	135-1	2303359	2339445	2257280	2300028	1.79	cps
Barium	137-1	3825590	3890894	3846618	3854367	0.86	cps
Beryllium	9-1	11238	11342	11076	11219	1.20	cps
Bismuth	209-1	9982488	9837154	9957608	9925750	0.78	cps
Bismuth	209-2	4231069	4251451	4109588	4197369	1.83	cps
Boron	10-1	18216	17683	18332	18077	1.91	cps
Boron	11-1	80985	81109	82510	81535	1.04	cps
Bromine	81-1	91042	85389	87042	87824	3.31	cps
Cadmium	111-1	35242	33914	34835	34664	1.96	cps
Cadmium	106-1	10971	10696	11547	11071	3.92	cps
Cadmium	108-1	2584	2529	2692	2602	3.18	cps
Calcium	43-1	4768168	4818392	4767791	4784784	0.61	cps
Calcium	44-1	78881039	77461752	77841651	78061481	0.94	cps
Carbon	12-1	14339635	14485523	14662598	14495919	1.12	cps
Carbon	12-2	135709	138618	137854	137394	1.10	cps
Chlorine	35-1	156720774	170799816	180778683	169433091	7.13	cps
Chlorine	35-2	1254471	1318954	1288440	1287288	2.51	cps
Chromium	52-2	149262	151198	151118	150526	0.73	cps
Cobalt	59-2	100207	99688	97424	99106	1.49	cps
Copper	63-2	789303	792026	784689	788672	0.47	cps
Dysprosium	156-1	137967	134815	138083	136955	1.35	cps
Dysprosium	156-2	45217	45200	44327	44914	1.13	cps
Erbium	164-1	112856	114368	111360	112861	1.33	cps
Erbium	164-2	39515	38543	38723	38927	1.33	cps
Gadolinium	160-1	124870	120353	119469	121564	2.38	cps
Gadolinium	160-2	47655	47822	47264	47580	0.60	cps
Holmium	165-1	16395932	16790753	16570769	16585818	1.19	cps
Holmium	165-2	6064876	6283192	6235461	6194509	1.85	cps
Indium	115-1	15263701	15456640	15611371	15443904	1.13	cps
Indium	115-2	2075853	2019885	2027017	2040918	1.49	cps
Iron	54-2	4767869	5115715	4808432	4897339	3.88	cps
Iron	56-2	89573716	90919733	86844366	89112605	2.33	cps
Iron	57-2	2235637	2275383	2254412	2255144	0.88	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04A	Instrumnet Name :	P8
Client Sample ID :	MH1Q15A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:32:24	DataFile Name :	213AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13290	13158	13541	13330	1.46	cps
Lead	206-1	7946757	8128005	8151791	8075518	1.39	cps
Lead	207-1	6781180	6990963	6945792	6905978	1.60	cps
Lead	208-1	32108937	32190570	31917212	32072240	0.44	cps
Lithium	6-1	9049530	9095646	8821904	8989026	1.63	cps
Magnesium	24-2	2481008	2458165	2572985	2504053	2.43	cps
Manganese	55-2	2580048	2699518	2539540	2606369	3.19	cps
Molybdenum	94-1	60173	58198	57905	58759	2.10	cps
Molybdenum	95-1	27745	28087	28012	27948	0.64	cps
Molybdenum	96-1	43152	43444	43687	43427	0.62	cps
Molybdenum	97-1	18146	17511	17345	17667	2.39	cps
Molybdenum	98-1	46312	44322	43971	44868	2.81	cps
Neodymium	150-1	211814	215999	212580	213464	1.04	cps
Neodymium	150-2	58628	57309	57614	57850	1.19	cps
Nickel	60-2	69064	69141	69064	69090	0.06	cps
Phosphorus	31-2	38460	39154	38201	38605	1.28	cps
Potassium	39-2	938349	948888	945769	944336	0.57	cps
Rhodium	103-1	14294089	14165294	14575267	14344883	1.46	cps
Rhodium	103-2	5328466	5191385	5351080	5290310	1.63	cps
Scandium	45-1	12360244	12093036	12526288	12326523	1.77	cps
Scandium	45-2	314594	313192	311335	313040	0.52	cps
Selenium	82-1	4995	5269	5028	5097	2.94	cps
Selenium	77-2	387	460	343	397	14.87	cps
Selenium	78-2	732	646	728	702	6.91	cps
Silicon	28-1	39708795	38332385	41564245	39868475	4.07	cps
Silver	107-1	48520	48077	48704	48434	0.67	cps
Silver	109-1	46772	46228	46480	46493	0.59	cps
Sodium	23-2	234718	229160	229982	231287	1.30	cps
Strontium	86-1	1855525	1773617	1802060	1810400	2.30	cps
Strontium	88-1	15006973	14909153	14928053	14948060	0.35	cps
Sulfur	34-1	527798	513780	523878	521819	1.39	cps
Terbium	159-1	17975203	17390305	17729853	17698454	1.66	cps
Terbium	159-2	6311594	6090257	5961696	6121182	2.89	cps
Thallium	203-1	6110	6510	6594	6405	4.04	cps
Thallium	205-1	14801	14792	14308	14634	1.93	cps
Tin	118-1	233497	228813	234546	232285	1.31	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2312-04A	Instrumnet Name :	P8
Client Sample ID :	MH1Q15A	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:32:24	DataFile Name :	213AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	710187	690052	720466	706902	2.19	cps
Uranium	238-1	178459	180359	181820	180213	0.93	cps
Vanadium	51-2	182548	182665	178783	181332	1.22	cps
Ytterbium	172-1	33201	32199	33485	32961	2.05	cps
Ytterbium	172-2	13396	12829	13029	13084	2.20	cps
Ytterbium	176-1	22445	21109	22436	21997	3.49	cps
Ytterbium	176-2	15432	15053	14942	15142	1.69	cps
Yttrium	89-1	27806048	27247904	26827815	27293922	1.80	cps
Yttrium	89-2	2570315	2545479	2552653	2556149	0.50	cps
Zinc	66-2	793442	782517	779309	785089	0.94	cps
Zirconium	90-1	112889	113713	114402	113668	0.67	cps
Zirconium	91-1	25440	24823	26292	25519	2.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:36:43	DataFile Name :	214CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4654932	4740494	4602858	4666095	1.49	cps
Antimony	121-1	5139704	5207818	5232967	5193497	0.93	cps
Arsenic	75-2	153830	151201	150384	151805	1.19	cps
Barium	135-1	7107057	7185129	7228913	7173699	0.86	cps
Barium	137-1	12166017	12140248	12449254	12251840	1.40	cps
Beryllium	9-1	2605563	2431340	2548734	2528546	3.51	cps
Bismuth	209-1	8345236	8685840	8521235	8517437	2.00	cps
Bismuth	209-2	3473777	3512057	3690169	3558668	3.25	cps
Boron	10-1	624624	618156	651776	631519	2.82	cps
Boron	11-1	2565454	2683646	2726412	2658504	3.14	cps
Bromine	81-1	61735	66772	63723	64077	3.96	cps
Cadmium	111-1	1555773	1522841	1541250	1539955	1.07	cps
Cadmium	106-1	180215	183970	187334	183840	1.94	cps
Cadmium	108-1	130945	129368	125841	128718	2.03	cps
Calcium	43-1	12739911	12418050	12363301	12507087	1.63	cps
Calcium	44-1	211879372	202255850	204739566	206291596	2.42	cps
Carbon	12-1	8925419	9121853	9290151	9112474	2.00	cps
Carbon	12-2	95075	95988	96030	95698	0.56	cps
Chlorine	35-1	13407327	12695418	12151028	12751258	4.94	cps
Chlorine	35-2	73018	67818	66595	69144	4.93	cps
Chromium	52-2	1535888	1558420	1488642	1527650	2.33	cps
Cobalt	59-2	2676916	2615551	2597529	2629999	1.58	cps
Copper	63-2	20280385	20431900	20271211	20327832	0.44	cps
Dysprosium	156-1	975	1008	917	967	4.80	cps
Dysprosium	156-2	270	300	327	299	9.48	cps
Erbium	164-1	233	292	275	267	11.27	cps
Erbium	164-2	47	80	70	66	26.09	cps
Gadolinium	160-1	767	658	758	728	8.28	cps
Gadolinium	160-2	327	350	330	336	3.76	cps
Holmium	165-1	16593596	16193438	15974070	16253702	1.93	cps
Holmium	165-2	5911580	5581178	5656043	5716267	3.03	cps
Indium	115-1	14392248	13930200	13755431	14025959	2.35	cps
Indium	115-2	1824767	1769614	1723731	1772704	2.85	cps
Iron	54-2	16117478	16198509	16414483	16243490	0.95	cps
Iron	56-2	310293718	292659929	293603707	298852451	3.32	cps
Iron	57-2	7630231	7559733	7406741	7532235	1.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:36:43	DataFile Name :	214CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12530	12488	12345	12454	0.78	cps
Lead	206-1	20528275	20228097	19930840	20229071	1.48	cps
Lead	207-1	17663416	17414396	17590541	17556118	0.73	cps
Lead	208-1	80274959	80852345	80275108	80467471	0.41	cps
Lithium	6-1	8536642	8261084	8325824	8374517	1.72	cps
Magnesium	24-2	62908597	61056697	60108685	61357993	2.32	cps
Manganese	55-2	8543147	8206744	8119867	8289919	2.70	cps
Molybdenum	94-1	22612120	22225601	22507011	22448244	0.89	cps
Molybdenum	95-1	32436591	32141349	31660285	32079408	1.22	cps
Molybdenum	96-1	36431395	35407183	34581942	35473507	2.61	cps
Molybdenum	97-1	20244516	19799204	19438786	19827502	2.04	cps
Molybdenum	98-1	51864129	51616879	51415094	51632034	0.44	cps
Neodymium	150-1	600	473	747	607	22.55	cps
Neodymium	150-2	70	50	27	49	44.36	cps
Nickel	60-2	752012	738615	734240	741622	1.25	cps
Phosphorus	31-2	53065	52421	52153	52546	0.89	cps
Potassium	39-2	23397372	23738996	23166790	23434386	1.23	cps
Rhodium	103-1	12632220	12149317	12467259	12416265	1.98	cps
Rhodium	103-2	4697753	4588798	4613862	4633471	1.23	cps
Scandium	45-1	11678999	11503312	11930627	11704312	1.84	cps
Scandium	45-2	287223	288711	289221	288385	0.36	cps
Selenium	82-1	141091	140858	141074	141008	0.09	cps
Selenium	77-2	3631	3657	3437	3575	3.36	cps
Selenium	78-2	12251	12044	12271	12188	1.03	cps
Silicon	28-1	41121617	42157234	41833159	41704003	1.27	cps
Silver	107-1	7904177	8268896	8290533	8154535	2.66	cps
Silver	109-1	8167432	8115570	7891300	8058101	1.82	cps
Sodium	23-2	114801098	118598444	114657782	116019108	1.93	cps
Strontium	86-1	2353525	2259003	2302298	2304942	2.05	cps
Strontium	88-1	19876833	19551062	19234709	19554201	1.64	cps
Sulfur	34-1	1128993	1130687	1150894	1136858	1.07	cps
Terbium	159-1	17332190	16927601	17204538	17154776	1.21	cps
Terbium	159-2	5588203	5593659	5831420	5671094	2.45	cps
Thallium	203-1	4904132	4775312	4968311	4882585	2.01	cps
Thallium	205-1	11365194	11692413	11427863	11495157	1.51	cps
Tin	118-1	5157894	5041000	5031649	5076847	1.39	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:36:43	DataFile Name :	214CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10977788	10710188	10704166	10797381	1.45	cps
Uranium	238-1	15785167	16448539	15939538	16057748	2.16	cps
Vanadium	51-2	1234390	1211774	1217729	1221298	0.96	cps
Ytterbium	172-1	292	242	275	269	9.45	cps
Ytterbium	172-2	83	72	94	83	13.34	cps
Ytterbium	176-1	23655	24006	23263	23641	1.57	cps
Ytterbium	176-2	13596	14069	14386	14017	2.84	cps
Yttrium	89-1	24579474	23688062	24185353	24150963	1.85	cps
Yttrium	89-2	2192502	2195336	2198454	2195431	0.14	cps
Zinc	66-2	2614445	2629486	2565908	2603280	1.28	cps
Zirconium	90-1	11945348	11405290	11734266	11694968	2.33	cps
Zirconium	91-1	2654284	2696802	2635189	2662091	1.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:45:06	DataFile Name :	215LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2046	1944	2062	2017	3.19	cps
Antimony	121-1	21017	21576	20917	21170	1.68	cps
Arsenic	75-2	332	294	309	312	6.14	cps
Barium	135-1	27696	28456	27554	27902	1.74	cps
Barium	137-1	48814	47117	49341	48424	2.40	cps
Beryllium	9-1	5100	5122	5140	5121	0.39	cps
Bismuth	209-1	7930265	9253689	9168514	8784156	8.43	cps
Bismuth	209-2	4006379	4121040	3983888	4037102	1.82	cps
Boron	10-1	28290	30153	29915	29453	3.44	cps
Boron	11-1	136937	138206	136882	137342	0.55	cps
Bromine	81-1	71850	66229	67870	68650	4.21	cps
Cadmium	111-1	4292	4738	4727	4585	5.55	cps
Cadmium	106-1	5993	7044	7069	6702	9.16	cps
Cadmium	108-1	308	317	292	306	4.16	cps
Calcium	43-1	24242	24665	24301	24403	0.94	cps
Calcium	44-1	406191	406358	407053	406534	0.11	cps
Carbon	12-1	7530870	7484122	7620542	7545178	0.92	cps
Carbon	12-2	71843	72186	73318	72449	1.07	cps
Chlorine	35-1	3179408	3101446	3079191	3120015	1.69	cps
Chlorine	35-2	18996	19647	18279	18974	3.61	cps
Chromium	52-2	7145	7482	7329	7319	2.30	cps
Cobalt	59-2	5668	5655	5488	5603	1.79	cps
Copper	63-2	9737	9493	9770	9667	1.56	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	117	133	83	111	22.91	cps
Erbium	164-2	37	47	33	39	17.85	cps
Gadolinium	160-1	92	108	83	94	13.48	cps
Gadolinium	160-2	60	117	93	90	31.65	cps
Holmium	165-1	14296372	15518763	15419046	15078060	4.50	cps
Holmium	165-2	5881157	5804408	5716280	5800615	1.42	cps
Indium	115-1	12856822	14366671	14893172	14038888	7.53	cps
Indium	115-2	1937819	1947637	1943481	1942979	0.25	cps
Iron	54-2	7880	7958	7602	7813	2.39	cps
Iron	56-2	133869	135696	135933	135166	0.84	cps
Iron	57-2	3312	3439	3328	3360	2.07	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:45:06	DataFile Name :	215LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12891	13076	13356	13107	1.79	cps
Lead	206-1	9337	9476	9537	9450	1.09	cps
Lead	207-1	8531	7947	8253	8244	3.54	cps
Lead	208-1	37756	37789	37750	37765	0.06	cps
Lithium	6-1	7172499	8449909	9009028	8210479	11.47	cps
Magnesium	24-2	127011	128174	128124	127770	0.51	cps
Manganese	55-2	1857	1907	2024	1929	4.43	cps
Molybdenum	94-1	27035	26651	26401	26696	1.20	cps
Molybdenum	95-1	32564	31678	31770	32004	1.52	cps
Molybdenum	96-1	37201	35998	35805	36335	2.08	cps
Molybdenum	97-1	19381	19414	19648	19481	0.75	cps
Molybdenum	98-1	50025	49949	51982	50652	2.27	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1517	1567	1570	1551	1.93	cps
Phosphorus	31-2	175	175	158	169	5.68	cps
Potassium	39-2	113412	111532	112596	112513	0.84	cps
Rhodium	103-1	12531665	13752205	13857228	13380366	5.51	cps
Rhodium	103-2	5156974	5261956	5201151	5206694	1.01	cps
Scandium	45-1	10375707	11246491	11968030	11196743	7.12	cps
Scandium	45-2	299164	291863	297555	296194	1.30	cps
Selenium	82-1	1210	973	1097	1093	10.82	cps
Selenium	77-2	50	43	20	38	41.70	cps
Selenium	78-2	255	244	230	243	5.16	cps
Silicon	28-1	879151	850875	872159	867395	1.70	cps
Silver	107-1	16402	17962	17987	17450	5.20	cps
Silver	109-1	16335	17820	16335	16830	5.10	cps
Sodium	23-2	255487	249293	258122	254301	1.78	cps
Strontium	86-1	25749	24898	25524	25390	1.74	cps
Strontium	88-1	39682	38537	41404	39875	3.62	cps
Sulfur	34-1	400341	397368	395233	397647	0.65	cps
Terbium	159-1	14838686	16351731	16245675	15812031	5.34	cps
Terbium	159-2	5796838	6036789	5841018	5891549	2.17	cps
Thallium	203-1	10596	11205	10071	10624	5.34	cps
Thallium	205-1	23848	24658	25192	24566	2.76	cps
Tin	118-1	51691	52059	51623	51791	0.45	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:45:06	DataFile Name :	215LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11030	10738	10763	10843	1.49	cps
Uranium	238-1	28767	29017	27898	28561	2.06	cps
Vanadium	51-2	12449	12022	12179	12216	1.77	cps
Ytterbium	172-1	75	100	125	100	25.00	cps
Ytterbium	172-2	33	22	17	24	35.24	cps
Ytterbium	176-1	1834	1800	1917	1850	3.25	cps
Ytterbium	176-2	5585	6607	7302	6498	13.30	cps
Yttrium	89-1	21916324	24131967	24788203	23612165	6.37	cps
Yttrium	89-2	2272462	2315842	2419649	2335984	3.24	cps
Zinc	66-2	1397	1390	1507	1431	4.58	cps
Zirconium	90-1	23687	23654	23512	23618	0.39	cps
Zirconium	91-1	5335	5393	5051	5260	3.48	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:48:06	DataFile Name :	216CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	181	215	175	190	11.30	cps
Antimony	121-1	550	592	692	611	11.91	cps
Arsenic	75-2	7	12	6	8	38.57	cps
Barium	135-1	192	208	233	211	9.93	cps
Barium	137-1	317	400	358	358	11.63	cps
Beryllium	9-1	132	146	124	134	8.31	cps
Bismuth	209-1	9956259	9579986	9854783	9797010	1.99	cps
Bismuth	209-2	4037030	4152657	3981483	4057057	2.15	cps
Boron	10-1	11482	11554	11112	11383	2.08	cps
Boron	11-1	51178	51571	51507	51418	0.41	cps
Bromine	81-1	71559	71751	66167	69826	4.54	cps
Cadmium	111-1	1431	1419	1433	1428	0.55	cps
Cadmium	106-1	6668	6493	6785	6649	2.21	cps
Cadmium	108-1	33	25	46	35	30.20	cps
Calcium	43-1	514	515	534	521	2.15	cps
Calcium	44-1	19728	19077	19341	19382	1.69	cps
Carbon	12-1	7223004	7328009	7206312	7252441	0.91	cps
Carbon	12-2	65329	66661	68092	66694	2.07	cps
Chlorine	35-1	2347066	2292654	2258470	2299397	1.94	cps
Chlorine	35-2	13415	13557	13340	13437	0.82	cps
Chromium	52-2	1217	1300	1233	1250	3.53	cps
Cobalt	59-2	183	97	130	137	31.99	cps
Copper	63-2	1537	1617	1517	1557	3.40	cps
Dysprosium	156-1	0	50	8	19	137.78	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	92	183	100	125	40.55	cps
Erbium	164-2	33	23	43	33	30.00	cps
Gadolinium	160-1	42	67	75	61	28.38	cps
Gadolinium	160-2	90	77	87	84	8.22	cps
Holmium	165-1	16628505	16261015	16132049	16340523	1.58	cps
Holmium	165-2	5885036	5756991	5777420	5806482	1.18	cps
Indium	115-1	15268732	15441877	15774404	15495004	1.66	cps
Indium	115-2	1948565	2011475	1970256	1976765	1.62	cps
Iron	54-2	1117	972	1128	1072	8.09	cps
Iron	56-2	12472	12812	12689	12658	1.36	cps
Iron	57-2	361	278	339	326	13.24	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:48:06	DataFile Name :	216CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13572	13631	13599	13601	0.22	cps
Lead	206-1	1956	1972	2050	1993	2.53	cps
Lead	207-1	1795	1856	1761	1804	2.66	cps
Lead	208-1	7868	8351	7962	8060	3.18	cps
Lithium	6-1	9285671	8919237	8596822	8933910	3.86	cps
Magnesium	24-2	1834	1783	1750	1789	2.34	cps
Manganese	55-2	337	277	327	313	10.26	cps
Molybdenum	94-1	983	1092	817	964	14.37	cps
Molybdenum	95-1	1142	967	725	945	22.15	cps
Molybdenum	96-1	1450	1183	1325	1320	10.11	cps
Molybdenum	97-1	708	533	542	594	16.61	cps
Molybdenum	98-1	1500	1525	1275	1433	9.61	cps
Neodymium	150-1	13	0	33	16	107.86	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	70	47	57	58	20.26	cps
Phosphorus	31-2	58	108	75	81	31.61	cps
Potassium	39-2	19622	19973	19088	19561	2.28	cps
Rhodium	103-1	14614634	14592879	14703704	14637072	0.40	cps
Rhodium	103-2	5339301	5298169	5368793	5335421	0.66	cps
Scandium	45-1	12258281	11922122	11927876	12036093	1.60	cps
Scandium	45-2	300273	303298	305266	302946	0.83	cps
Selenium	82-1	-131	-55	-88	-91	-41.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	117	118	114	5.34	cps
Silicon	28-1	670416	654056	658441	660971	1.28	cps
Silver	107-1	867	833	858	853	2.03	cps
Silver	109-1	692	742	658	697	6.02	cps
Sodium	23-2	20498	19947	19739	20061	1.96	cps
Strontium	86-1	21793	21717	21817	21776	0.24	cps
Strontium	88-1	1033	992	967	997	3.38	cps
Sulfur	34-1	406946	410966	403975	407296	0.86	cps
Terbium	159-1	17045335	17724921	16790973	17187076	2.81	cps
Terbium	159-2	5847953	5776437	5888592	5837661	0.97	cps
Thallium	203-1	850	942	983	925	7.37	cps
Thallium	205-1	2117	1959	2192	2089	5.70	cps
Tin	118-1	1817	1692	1959	1822	7.32	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:48:06	DataFile Name :	216CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	600	467	792	619	26.37	cps
Uranium	238-1	467	492	242	400	34.42	cps
Vanadium	51-2	37	40	53	43	20.34	cps
Ytterbium	172-1	108	92	125	108	15.38	cps
Ytterbium	172-2	17	28	33	26	32.72	cps
Ytterbium	176-1	2342	2275	1900	2172	10.96	cps
Ytterbium	176-2	6307	6785	6796	6630	4.21	cps
Yttrium	89-1	25234542	25005764	25920745	25387017	1.88	cps
Yttrium	89-2	2357042	2293495	2365865	2338800	1.69	cps
Zinc	66-2	207	253	213	224	11.25	cps
Zirconium	90-1	1433	1542	1300	1425	8.50	cps
Zirconium	91-1	367	258	242	289	23.49	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2022-04-11 00:51:10 DataFile Name : 217LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1941	1992	1971	1968	1.31	cps
Antimony	121-1	20850	20516	19999	20455	2.10	cps
Arsenic	75-2	286	336	305	309	8.17	cps
Barium	135-1	27445	28322	27195	27654	2.14	cps
Barium	137-1	47300	46088	48429	47273	2.48	cps
Beryllium	9-1	4948	4872	5122	4981	2.57	cps
Bismuth	209-1	9349868	9239695	9390130	9326564	0.84	cps
Bismuth	209-2	4010341	3974111	3982035	3988829	0.48	cps
Boron	10-1	26655	26998	27206	26953	1.03	cps
Boron	11-1	115283	118345	124554	119394	3.96	cps
Bromine	81-1	71145	69406	71660	70737	1.67	cps
Cadmium	111-1	4734	4583	4523	4613	2.37	cps
Cadmium	106-1	7235	7127	6410	6924	6.48	cps
Cadmium	108-1	275	258	300	278	7.55	cps
Calcium	43-1	25472	25012	24921	25135	1.17	cps
Calcium	44-1	416814	417933	420011	418253	0.39	cps
Carbon	12-1	7622039	7710369	7842217	7724875	1.43	cps
Carbon	12-2	73250	70931	72262	72147	1.61	cps
Chlorine	35-1	1963424	1969056	1890760	1941080	2.25	cps
Chlorine	35-2	11939	11538	11371	11616	2.51	cps
Chromium	52-2	7505	7422	7572	7500	1.00	cps
Cobalt	59-2	5258	5634	5735	5542	4.54	cps
Copper	63-2	9857	9440	9620	9639	2.17	cps
Dysprosium	156-1	42	8	0	17	132.30	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	67	92	100	86	20.14	cps
Erbium	164-2	47	43	53	48	10.66	cps
Gadolinium	160-1	67	50	67	61	15.75	cps
Gadolinium	160-2	90	87	97	91	5.59	cps
Holmium	165-1	16351562	15797823	15858471	16002619	1.90	cps
Holmium	165-2	5697993	5672114	5614593	5661566	0.75	cps
Indium	115-1	14972039	14551803	15085286	14869709	1.89	cps
Indium	115-2	1920949	1972827	1934575	1942784	1.38	cps
Iron	54-2	7863	7769	7802	7812	0.61	cps
Iron	56-2	131742	130517	131151	131136	0.47	cps
Iron	57-2	3478	3278	3273	3343	3.50	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:51:10	DataFile Name :	217LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13557	13675	13378	13537	1.10	cps
Lead	206-1	9287	8736	9292	9105	3.51	cps
Lead	207-1	8181	7975	8092	8082	1.28	cps
Lead	208-1	37806	37055	37233	37365	1.05	cps
Lithium	6-1	8606296	8764707	8011339	8460781	4.69	cps
Magnesium	24-2	129782	129806	135390	131659	2.45	cps
Manganese	55-2	1777	1927	2004	1902	6.06	cps
Molybdenum	94-1	27754	27152	27820	27575	1.33	cps
Molybdenum	95-1	32372	32464	32547	32461	0.27	cps
Molybdenum	96-1	35279	35446	35730	35485	0.64	cps
Molybdenum	97-1	19431	19389	19681	19500	0.81	cps
Molybdenum	98-1	51104	50802	50919	50941	0.30	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1640	1643	1640	1641	0.12	cps
Phosphorus	31-2	183	208	250	214	15.75	cps
Potassium	39-2	111631	115057	112379	113022	1.59	cps
Rhodium	103-1	14291488	14650251	13644548	14195429	3.59	cps
Rhodium	103-2	4969536	5273350	5160807	5134565	2.99	cps
Scandium	45-1	12102454	11808876	11941784	11951038	1.23	cps
Scandium	45-2	298656	300657	300474	299929	0.37	cps
Selenium	82-1	1117	1451	1341	1303	13.06	cps
Selenium	77-2	33	27	27	29	13.31	cps
Selenium	78-2	234	235	257	242	5.37	cps
Silicon	28-1	891885	888883	857366	879378	2.17	cps
Silver	107-1	17829	18405	17545	17926	2.44	cps
Silver	109-1	16819	16026	17996	16947	5.85	cps
Sodium	23-2	246361	250354	253228	249981	1.38	cps
Strontium	86-1	26100	25691	26100	25964	0.91	cps
Strontium	88-1	38345	39365	37284	38332	2.71	cps
Sulfur	34-1	415645	418703	403772	412707	1.91	cps
Terbium	159-1	16491152	16923539	16469321	16628004	1.54	cps
Terbium	159-2	5582017	5634007	5692511	5636178	0.98	cps
Thallium	203-1	10296	9937	10546	10260	2.98	cps
Thallium	205-1	24340	24683	24499	24507	0.70	cps
Tin	118-1	53514	53338	54794	53882	1.48	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:51:10	DataFile Name :	217LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11438	10888	11021	11116	2.58	cps
Uranium	238-1	28542	28391	29443	28792	1.98	cps
Vanadium	51-2	12065	12122	12022	12070	0.42	cps
Ytterbium	172-1	75	117	50	81	41.81	cps
Ytterbium	172-2	17	22	33	24	35.24	cps
Ytterbium	176-1	2050	2184	2259	2164	4.88	cps
Ytterbium	176-2	6335	6885	6524	6581	4.25	cps
Yttrium	89-1	25156451	25063245	25089775	25103157	0.19	cps
Yttrium	89-2	2228782	2360671	2304356	2297936	2.88	cps
Zinc	66-2	1550	1493	1307	1450	8.78	cps
Zirconium	90-1	23487	23779	23370	23546	0.90	cps
Zirconium	91-1	5259	4918	4693	4957	5.76	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : PB143906BL Instrumnet Name : P8
 Client Sample ID : PB143906BL Dilution Factor : 1
 Date & Time Acquired :: 2022-04-11 00:58:38 DataFile Name : 218CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86	71	70	76	11.93	cps
Antimony	121-1	183	100	150	144	29.04	cps
Arsenic	75-2	4	3	5	4	25.00	cps
Barium	135-1	50	75	83	69	24.98	cps
Barium	137-1	50	75	108	78	37.63	cps
Beryllium	9-1	40	56	52	49	16.88	cps
Bismuth	209-1	9643526	9143946	9483612	9423695	2.71	cps
Bismuth	209-2	4054041	3935753	4154254	4048016	2.70	cps
Boron	10-1	6378	6432	6684	6498	2.51	cps
Boron	11-1	28611	29141	28787	28846	0.94	cps
Bromine	81-1	73854	72860	72507	73073	0.96	cps
Cadmium	111-1	1317	1304	1335	1319	1.17	cps
Cadmium	106-1	6460	6502	6718	6560	2.12	cps
Cadmium	108-1	29	67	67	54	39.97	cps
Calcium	43-1	290	264	271	275	4.92	cps
Calcium	44-1	14887	14861	15091	14946	0.84	cps
Carbon	12-1	7810860	7792240	7718194	7773765	0.63	cps
Carbon	12-2	69842	74372	69750	71321	3.70	cps
Chlorine	35-1	1251855	1272713	1254053	1259540	0.91	cps
Chlorine	35-2	8069	7627	7802	7833	2.84	cps
Chromium	52-2	1190	1317	1273	1260	5.11	cps
Cobalt	59-2	70	47	63	60	20.03	cps
Copper	63-2	1013	933	1043	997	5.70	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	92	100	78	40.56	cps
Erbium	164-2	23	50	40	38	35.67	cps
Gadolinium	160-1	67	83	117	89	28.64	cps
Gadolinium	160-2	110	77	93	93	17.86	cps
Holmium	165-1	16689750	16282178	15496461	16156130	3.75	cps
Holmium	165-2	5706656	5621557	5718736	5682316	0.93	cps
Indium	115-1	15800861	14777707	14546394	15041654	4.44	cps
Indium	115-2	1962679	1963910	1996065	1974218	0.96	cps
Iron	54-2	689	683	667	680	1.70	cps
Iron	56-2	5773	5846	6246	5955	4.27	cps
Iron	57-2	189	228	156	191	18.95	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BL	Instrumnet Name :	P8
Client Sample ID :	PB143906BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:58:38	DataFile Name :	218CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14109	14045	13994	14049	0.41	cps
Lead	206-1	1339	1506	1522	1456	6.97	cps
Lead	207-1	1106	1006	1083	1065	4.93	cps
Lead	208-1	5123	5262	5567	5317	4.28	cps
Lithium	6-1	8679591	8524185	8872568	8692115	2.01	cps
Magnesium	24-2	392	358	500	417	17.78	cps
Manganese	55-2	100	130	123	118	13.38	cps
Molybdenum	94-1	383	350	350	361	5.33	cps
Molybdenum	95-1	42	58	92	64	39.85	cps
Molybdenum	96-1	392	433	425	417	5.29	cps
Molybdenum	97-1	67	33	75	58	37.80	cps
Molybdenum	98-1	183	100	108	131	35.16	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	80	37	63	60	36.43	cps
Phosphorus	31-2	92	92	83	89	5.41	cps
Potassium	39-2	19422	19263	19105	19263	0.82	cps
Rhodium	103-1	14142222	14574001	14439265	14385163	1.54	cps
Rhodium	103-2	5284482	5280946	5392369	5319266	1.19	cps
Scandium	45-1	12553347	12298308	12427203	12426286	1.03	cps
Scandium	45-2	301847	305169	304617	303878	0.59	cps
Selenium	82-1	-158	-188	-260	-202	-26.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	106	121	115	6.77	cps
Silicon	28-1	734466	717782	713200	721816	1.55	cps
Silver	107-1	242	375	425	347	27.29	cps
Silver	109-1	267	250	292	269	7.78	cps
Sodium	23-2	17327	17694	16810	17277	2.57	cps
Strontium	86-1	21834	22068	21976	21959	0.54	cps
Strontium	88-1	467	467	600	511	15.06	cps
Sulfur	34-1	413045	419075	423361	418493	1.24	cps
Terbium	159-1	16092510	16401596	17380458	16624855	4.04	cps
Terbium	159-2	5740651	5742750	5788025	5757142	0.46	cps
Thallium	203-1	525	575	608	569	7.37	cps
Thallium	205-1	1350	1342	1425	1372	3.34	cps
Tin	118-1	1725	1675	1533	1645	6.05	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BL	Instrumnet Name :	P8
Client Sample ID :	PB143906BL	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 00:58:38	DataFile Name :	218CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	392	433	431	8.73	cps
Uranium	238-1	17	17	17	17	0.00	cps
Vanadium	51-2	3	10	0	4	114.60	cps
Ytterbium	172-1	100	125	92	106	16.43	cps
Ytterbium	172-2	39	56	56	50	19.25	cps
Ytterbium	176-1	2017	1817	2000	1945	5.71	cps
Ytterbium	176-2	6202	6652	6719	6524	4.31	cps
Yttrium	89-1	25211005	25061799	25658414	25310406	1.23	cps
Yttrium	89-2	2319454	2392948	2350600	2354334	1.57	cps
Zinc	66-2	170	187	223	193	14.11	cps
Zirconium	90-1	1208	1333	1200	1247	5.99	cps
Zirconium	91-1	183	167	250	200	22.05	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BS	Instrumnet Name :	P8
Client Sample ID :	PB143906BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:01:39	DataFile Name :	219LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	945821	947765	935672	943086	0.69	cps
Antimony	121-1	5288481	5153233	4985083	5142265	2.96	cps
Arsenic	75-2	145599	146873	145989	146154	0.45	cps
Barium	135-1	7361098	7407956	7163483	7310846	1.77	cps
Barium	137-1	12042845	12297235	12393345	12244475	1.48	cps
Beryllium	9-1	2559234	2622677	2353511	2511807	5.60	cps
Bismuth	209-1	9408795	9224411	9244503	9292570	1.09	cps
Bismuth	209-2	3920674	3889490	3764540	3858235	2.14	cps
Boron	10-1	633336	621466	650944	635249	2.33	cps
Boron	11-1	2542427	2582340	2795241	2640003	5.15	cps
Bromine	81-1	72084	66804	68673	69187	3.87	cps
Cadmium	111-1	1573501	1580159	1583742	1579134	0.33	cps
Cadmium	106-1	192602	185158	192955	190238	2.31	cps
Cadmium	108-1	130509	132902	127310	130240	2.15	cps
Calcium	43-1	2629603	2559798	2607256	2598886	1.37	cps
Calcium	44-1	40961167	41676518	41010000	41215895	0.97	cps
Carbon	12-1	8480579	8812783	8805609	8699657	2.18	cps
Carbon	12-2	83395	84998	83764	84052	1.00	cps
Chlorine	35-1	1094024	1071884	1046477	1070795	2.22	cps
Chlorine	35-2	6385	6385	6085	6285	2.76	cps
Chromium	52-2	1562938	1559931	1539550	1554139	0.82	cps
Cobalt	59-2	2754421	2695153	2645879	2698484	2.01	cps
Copper	63-2	20257658	21413134	20433689	20701494	3.01	cps
Dysprosium	156-1	467	383	467	439	10.96	cps
Dysprosium	156-2	97	137	100	111	19.98	cps
Erbium	164-1	175	167	133	158	13.92	cps
Erbium	164-2	77	100	67	81	21.09	cps
Gadolinium	160-1	358	317	325	333	6.61	cps
Gadolinium	160-2	163	167	173	168	3.03	cps
Holmium	165-1	16632900	16477744	15889527	16333390	2.40	cps
Holmium	165-2	5623238	5733717	5945050	5767335	2.84	cps
Indium	115-1	14833534	14158096	14682395	14558008	2.43	cps
Indium	115-2	1863023	1844689	1886446	1864719	1.12	cps
Iron	54-2	3605620	3536035	3629455	3590370	1.35	cps
Iron	56-2	61861658	62568149	61104267	61844691	1.18	cps
Iron	57-2	1600133	1611636	1577437	1596402	1.09	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BS	Instrumnet Name :	P8
Client Sample ID :	PB143906BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:01:39	DataFile Name :	219LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13544	13611	13631	13595	0.34	cps
Lead	206-1	19958958	20156163	20004961	20040027	0.51	cps
Lead	207-1	17410702	17900471	17558495	17623223	1.43	cps
Lead	208-1	80920356	81347118	81263968	81177147	0.28	cps
Lithium	6-1	8780044	9172916	8645035	8865998	3.09	cps
Magnesium	24-2	13444731	13403726	12907271	13251909	2.26	cps
Manganese	55-2	8510128	8280651	8469747	8420175	1.45	cps
Molybdenum	94-1	22093571	22169064	21879132	22047256	0.68	cps
Molybdenum	95-1	31105887	31931862	31376272	31471340	1.34	cps
Molybdenum	96-1	35317839	35271942	34532952	35040911	1.26	cps
Molybdenum	97-1	19946969	19637337	18967481	19517262	2.57	cps
Molybdenum	98-1	50553929	50160984	49971676	50228863	0.59	cps
Neodymium	150-1	480	587	627	564	13.43	cps
Neodymium	150-2	23	17	30	23	28.56	cps
Nickel	60-2	716413	731099	712411	719974	1.37	cps
Phosphorus	31-2	52981	54136	52965	53361	1.26	cps
Potassium	39-2	4915747	4946867	4729553	4864056	2.42	cps
Rhodium	103-1	14213458	13533672	13471182	13739437	3.00	cps
Rhodium	103-2	4979285	4942425	5031566	4984425	0.90	cps
Scandium	45-1	12310013	11561121	11836243	11902459	3.18	cps
Scandium	45-2	300753	305028	296866	300882	1.36	cps
Selenium	82-1	143970	144165	143574	143903	0.21	cps
Selenium	77-2	3434	3384	3470	3429	1.27	cps
Selenium	78-2	11938	11879	11973	11930	0.40	cps
Silicon	28-1	41774053	41823570	41715147	41770923	0.13	cps
Silver	107-1	8488652	8642453	8718507	8616538	1.36	cps
Silver	109-1	7963032	8224011	7942535	8043193	1.95	cps
Sodium	23-2	25249256	25359440	23740664	24783120	3.65	cps
Strontium	86-1	2366414	2312520	2355848	2344927	1.22	cps
Strontium	88-1	19650213	19397808	19776301	19608108	0.98	cps
Sulfur	34-1	1209625	1198409	1181103	1196379	1.20	cps
Terbium	159-1	17108780	16606783	16537499	16751020	1.86	cps
Terbium	159-2	5805379	5779794	5726910	5770694	0.69	cps
Thallium	203-1	4933911	4967444	4923266	4941540	0.47	cps
Thallium	205-1	11999955	11349790	11228589	11526111	3.60	cps
Tin	118-1	5224084	5099255	5140259	5154532	1.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	PB143906BS	Instrumnet Name :	P8
Client Sample ID :	PB143906BS	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:01:39	DataFile Name :	219LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11049747	10732145	10478197	10753363	2.66	cps
Uranium	238-1	15638111	15562440	15110253	15436935	1.85	cps
Vanadium	51-2	1208738	1217939	1192864	1206514	1.05	cps
Ytterbium	172-1	125	150	133	136	9.36	cps
Ytterbium	172-2	56	44	83	61	32.78	cps
Ytterbium	176-1	23012	22670	22946	22876	0.79	cps
Ytterbium	176-2	13997	13746	14352	14032	2.17	cps
Yttrium	89-1	25254540	24312720	25103245	24890169	2.03	cps
Yttrium	89-2	2303008	2232927	2262231	2266055	1.55	cps
Zinc	66-2	2576602	2656446	2644078	2625709	1.64	cps
Zirconium	90-1	11536281	11417437	11960853	11638190	2.45	cps
Zirconium	91-1	2645357	2634902	2652326	2644195	0.33	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS1DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:05:41	DataFile Name :	220AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	855347	848845	843630	849274	0.69	cps
Antimony	121-1	1525	1475	2284	1761	25.73	cps
Arsenic	75-2	502	497	487	495	1.54	cps
Barium	135-1	576691	568511	559786	568329	1.49	cps
Barium	137-1	1000654	1011945	996155	1002918	0.81	cps
Beryllium	9-1	3780	3638	3638	3685	2.22	cps
Bismuth	209-1	10393589	10285390	9807329	10162103	3.07	cps
Bismuth	209-2	4209722	4301616	4122853	4211397	2.12	cps
Boron	10-1	31931	30740	30127	30933	2.96	cps
Boron	11-1	146435	140423	135193	140684	4.00	cps
Bromine	81-1	71168	68400	70805	70124	2.15	cps
Cadmium	111-1	3852	4256	4069	4059	4.98	cps
Cadmium	106-1	7252	7786	7310	7449	3.93	cps
Cadmium	108-1	338	258	300	299	13.26	cps
Calcium	43-1	3207233	3251605	3187219	3215353	1.02	cps
Calcium	44-1	52971920	53220052	51690387	52627453	1.56	cps
Carbon	12-1	8083960	8248679	7980630	8104423	1.67	cps
Carbon	12-2	72706	74431	74038	73725	1.23	cps
Chlorine	35-1	887418	879061	870539	879006	0.96	cps
Chlorine	35-2	5768	5493	5593	5618	2.48	cps
Chromium	52-2	40879	41206	40434	40840	0.95	cps
Cobalt	59-2	63782	63967	62343	63364	1.40	cps
Copper	63-2	136846	136913	131564	135107	2.27	cps
Dysprosium	156-1	34245	34003	32231	33493	3.28	cps
Dysprosium	156-2	11105	11338	10961	11135	1.71	cps
Erbium	164-1	30720	31447	31045	31071	1.17	cps
Erbium	164-2	10478	9884	10267	10210	2.95	cps
Gadolinium	160-1	29692	30168	31438	30433	2.97	cps
Gadolinium	160-2	12119	11725	11942	11929	1.65	cps
Holmium	165-1	17487043	17549934	17382912	17473296	0.48	cps
Holmium	165-2	6316736	6305801	5972666	6198401	3.16	cps
Indium	115-1	16260040	15568189	15993903	15940711	2.19	cps
Indium	115-2	2078496	2094335	2036874	2069902	1.43	cps
Iron	54-2	293849	311638	293761	299749	3.43	cps
Iron	56-2	5422157	5238534	5375567	5345420	1.79	cps
Iron	57-2	137073	138594	140786	138817	1.34	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS1DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:05:41	DataFile Name :	220AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13866	13833	13439	13712	1.73	cps
Lead	206-1	7387714	7126523	7150826	7221687	2.00	cps
Lead	207-1	6056262	5905679	5826595	5929512	1.97	cps
Lead	208-1	28610995	27511477	27625246	27915906	2.17	cps
Lithium	6-1	9233931	8612306	9471125	9105787	4.87	cps
Magnesium	24-2	3121603	3222729	3124490	3156274	1.82	cps
Manganese	55-2	773900	760240	764261	766134	0.92	cps
Molybdenum	94-1	9129	9053	10857	9680	10.54	cps
Molybdenum	95-1	2117	1984	1675	1925	11.77	cps
Molybdenum	96-1	4476	4276	3509	4087	12.49	cps
Molybdenum	97-1	1233	1208	1183	1208	2.07	cps
Molybdenum	98-1	3134	2817	2959	2970	5.34	cps
Neodymium	150-1	51794	50743	51821	51453	1.19	cps
Neodymium	150-2	12856	13016	13153	13009	1.14	cps
Nickel	60-2	38021	37165	37038	37408	1.43	cps
Phosphorus	31-2	400	408	408	406	1.19	cps
Potassium	39-2	222331	231523	222230	225361	2.37	cps
Rhodium	103-1	15134798	14966122	14789830	14963583	1.15	cps
Rhodium	103-2	5504177	5397463	5443758	5448466	0.98	cps
Scandium	45-1	13154847	13122581	12742605	13006678	1.76	cps
Scandium	45-2	322110	319600	318638	320116	0.56	cps
Selenium	82-1	-144	111	209	59	309.89	cps
Selenium	77-2	83	67	60	70	17.17	cps
Selenium	78-2	153	149	179	160	10.16	cps
Silicon	28-1	8403095	6889376	6353397	7215289	14.73	cps
Silver	107-1	2292	2200	2350	2281	3.32	cps
Silver	109-1	1884	2125	2075	2028	6.29	cps
Sodium	23-2	161424	159869	156298	159197	1.65	cps
Strontium	86-1	545834	542165	527961	538653	1.75	cps
Strontium	88-1	4640447	4482870	4382617	4501978	2.89	cps
Sulfur	34-1	404044	409484	404899	406142	0.72	cps
Terbium	159-1	17707786	18422586	17581929	17904101	2.53	cps
Terbium	159-2	6053705	6108944	6030055	6064235	0.67	cps
Thallium	203-1	3492	3309	3384	3395	2.72	cps
Thallium	205-1	8520	7994	8761	8425	4.65	cps
Tin	118-1	12750	12415	12006	12390	3.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-01DLX5	Instrumnet Name :	P8
Client Sample ID :	SS1DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:05:41	DataFile Name :	220AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	52267	51681	52788	52245	1.06	cps
Uranium	238-1	19507	19724	20183	19805	1.74	cps
Vanadium	51-2	8229	8112	8042	8128	1.16	cps
Ytterbium	172-1	10046	9979	10429	10151	2.39	cps
Ytterbium	172-2	4329	3917	3678	3975	8.27	cps
Ytterbium	176-1	8169	8645	8862	8559	4.14	cps
Ytterbium	176-2	8970	9103	9092	9055	0.82	cps
Yttrium	89-1	27909550	27888153	26394286	27397330	3.17	cps
Yttrium	89-2	2448847	2430972	2504612	2461477	1.56	cps
Zinc	66-2	175850	174712	173981	174848	0.54	cps
Zirconium	90-1	22394	21676	22645	22238	2.26	cps
Zirconium	91-1	4860	4668	5620	5049	9.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS5DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:08:35	DataFile Name :	221AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1375822	1347082	1355222	1359375	1.09	cps
Antimony	121-1	783	658	842	761	12.31	cps
Arsenic	75-2	1390	1469	1476	1445	3.31	cps
Barium	135-1	257716	256487	246597	253600	2.40	cps
Barium	137-1	453697	444631	433000	443776	2.34	cps
Beryllium	9-1	6178	5992	6042	6071	1.59	cps
Bismuth	209-1	10148559	10324968	9948128	10140552	1.86	cps
Bismuth	209-2	4247232	4195135	4250445	4230938	0.73	cps
Boron	10-1	17741	17671	16628	17347	3.59	cps
Boron	11-1	81626	74952	75641	77406	4.74	cps
Bromine	81-1	74748	73675	67756	72060	5.23	cps
Cadmium	111-1	1777	1926	1775	1826	4.72	cps
Cadmium	106-1	7811	7903	7619	7777	1.86	cps
Cadmium	108-1	217	108	200	175	33.33	cps
Calcium	43-1	37621	37153	36725	37166	1.21	cps
Calcium	44-1	616034	618322	611466	615274	0.57	cps
Carbon	12-1	7566303	7545324	7417356	7509661	1.07	cps
Carbon	12-2	67045	68143	69682	68290	1.94	cps
Chlorine	35-1	805480	809242	804733	806485	0.30	cps
Chlorine	35-2	5351	5251	5510	5371	2.43	cps
Chromium	52-2	67361	65356	67247	66655	1.69	cps
Cobalt	59-2	64676	64476	63421	64191	1.05	cps
Copper	63-2	130577	129194	126305	128692	1.69	cps
Dysprosium	156-1	44007	43748	43681	43812	0.39	cps
Dysprosium	156-2	14071	13607	14345	14008	2.66	cps
Erbium	164-1	36886	36577	36643	36702	0.44	cps
Erbium	164-2	11845	12727	12433	12335	3.64	cps
Gadolinium	160-1	39125	39351	38256	38911	1.49	cps
Gadolinium	160-2	14578	14995	15005	14860	1.64	cps
Holmium	165-1	17317199	17290736	17322824	17310253	0.10	cps
Holmium	165-2	6239986	6021246	6137764	6132999	1.78	cps
Indium	115-1	16547369	16051173	15320375	15972972	3.86	cps
Indium	115-2	2042464	2087680	2079925	2070023	1.17	cps
Iron	54-2	1788682	1696596	1735792	1740357	2.66	cps
Iron	56-2	32682417	31433926	31161614	31759319	2.55	cps
Iron	57-2	783604	788576	752546	774908	2.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS5DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:08:35	DataFile Name :	221AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13461	13994	13758	13738	1.94	cps
Lead	206-1	117629	112853	117869	116117	2.44	cps
Lead	207-1	96242	94583	94344	95056	1.09	cps
Lead	208-1	461988	443454	441277	448907	2.54	cps
Lithium	6-1	9208442	9504220	9517450	9410037	1.86	cps
Magnesium	24-2	1411502	1384278	1395461	1397080	0.98	cps
Manganese	55-2	461058	448079	452542	453893	1.45	cps
Molybdenum	94-1	82667	38026	40044	53579	47.05	cps
Molybdenum	95-1	3225	3000	3125	3117	3.62	cps
Molybdenum	96-1	11789	11899	12517	12069	3.25	cps
Molybdenum	97-1	1809	1775	1800	1795	0.97	cps
Molybdenum	98-1	4709	4984	4568	4754	4.46	cps
Neodymium	150-1	72443	72790	70962	72065	1.35	cps
Neodymium	150-2	18369	18256	18792	18472	1.53	cps
Nickel	60-2	44844	43537	44697	44359	1.61	cps
Phosphorus	31-2	1450	1508	1458	1472	2.14	cps
Potassium	39-2	182698	180569	182541	181936	0.65	cps
Rhodium	103-1	15126223	14436561	15735920	15099568	4.31	cps
Rhodium	103-2	5399843	5485554	5563827	5483075	1.50	cps
Scandium	45-1	13139549	12608896	13099704	12949383	2.28	cps
Scandium	45-2	317903	321390	326130	321808	1.28	cps
Selenium	82-1	114	73	-220	-11	-1616.90	cps
Selenium	77-2	127	107	97	110	13.89	cps
Selenium	78-2	171	151	203	175	14.99	cps
Silicon	28-1	13366061	12855666	19856196	15359307	25.41	cps
Silver	107-1	783	883	800	822	6.52	cps
Silver	109-1	642	633	600	625	3.53	cps
Sodium	23-2	76195	76571	78328	77031	1.48	cps
Strontium	86-1	53545	53077	53303	53308	0.44	cps
Strontium	88-1	280445	272170	274487	275701	1.55	cps
Sulfur	34-1	396281	385600	385305	389062	1.61	cps
Terbium	159-1	17850797	18006845	17349996	17735879	1.93	cps
Terbium	159-2	6038012	6124528	6153032	6105191	0.98	cps
Thallium	203-1	1383	1667	1392	1481	10.89	cps
Thallium	205-1	3426	3842	3526	3598	6.05	cps
Tin	118-1	21801	21701	22269	21924	1.38	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2107-03DLX5	Instrumnet Name :	P8
Client Sample ID :	SS5DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:08:35	DataFile Name :	221AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	410559	410593	423295	414815	1.77	cps
Uranium	238-1	28608	27539	25894	27347	5.00	cps
Vanadium	51-2	52831	51627	51031	51830	1.77	cps
Ytterbium	172-1	14750	14517	14917	14728	1.37	cps
Ytterbium	172-2	6007	6029	5813	5950	2.00	cps
Ytterbium	176-1	11480	11355	11305	11380	0.79	cps
Ytterbium	176-2	10060	11127	10732	10640	5.07	cps
Yttrium	89-1	26844475	26549300	27573820	26989198	1.95	cps
Yttrium	89-2	2450544	2503197	2514616	2489453	1.37	cps
Zinc	66-2	118132	115525	118399	117352	1.35	cps
Zirconium	90-1	95932	116829	93239	102000	12.66	cps
Zirconium	91-1	29602	29604	26937	28714	5.36	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:11:35	DataFile Name :	222AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1918122	1885092	1857338	1886851	1.61	cps
Antimony	121-1	1192	1058	1400	1217	14.16	cps
Arsenic	75-2	2243	2279	2204	2242	1.67	cps
Barium	135-1	339582	334217	329803	334534	1.46	cps
Barium	137-1	607570	582383	586210	592054	2.29	cps
Beryllium	9-1	5398	5300	5420	5373	1.19	cps
Bismuth	209-1	10369725	10262601	10592690	10408339	1.62	cps
Bismuth	209-2	4358405	4322569	3985544	4222173	4.87	cps
Boron	10-1	15617	14935	14500	15018	3.75	cps
Boron	11-1	65096	67568	73356	68673	6.17	cps
Bromine	81-1	69690	72781	74258	72243	3.23	cps
Cadmium	111-1	2094	3367	2199	2553	27.68	cps
Cadmium	106-1	7219	13400	7302	9307	38.09	cps
Cadmium	108-1	292	388	254	311	22.10	cps
Calcium	43-1	104787	102864	102381	103344	1.23	cps
Calcium	44-1	1760375	1685006	1730659	1725347	2.20	cps
Carbon	12-1	8655564	8476179	8753102	8628282	1.63	cps
Carbon	12-2	78753	79139	82675	80189	2.70	cps
Chlorine	35-1	811675	790039	777921	793212	2.16	cps
Chlorine	35-2	4559	4834	4818	4737	3.26	cps
Chromium	52-2	44721	43011	44080	43937	1.97	cps
Cobalt	59-2	110403	111702	105878	109328	2.80	cps
Copper	63-2	126745	126239	123795	125593	1.26	cps
Dysprosium	156-1	72525	72642	73294	72820	0.57	cps
Dysprosium	156-2	24319	23578	22760	23552	3.31	cps
Erbium	164-1	56419	54890	54279	55196	2.00	cps
Erbium	164-2	18400	17809	17348	17852	2.95	cps
Gadolinium	160-1	67272	69274	68394	68313	1.47	cps
Gadolinium	160-2	24673	25364	25682	25240	2.04	cps
Holmium	165-1	17539425	17267077	16890869	17232457	1.89	cps
Holmium	165-2	5980349	6145246	5812295	5979297	2.78	cps
Indium	115-1	16262718	15840140	15669538	15924132	1.92	cps
Indium	115-2	2056885	2034152	2052444	2047827	0.59	cps
Iron	54-2	2662819	2741465	2681036	2695107	1.53	cps
Iron	56-2	47994001	48178236	47120447	47764228	1.18	cps
Iron	57-2	1204224	1177681	1161129	1181011	1.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:11:35	DataFile Name :	222AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13853	13479	13361	13564	1.89	cps
Lead	206-1	111223	109426	105535	108728	2.67	cps
Lead	207-1	91250	91954	88066	90424	2.29	cps
Lead	208-1	427089	435959	421049	428032	1.75	cps
Lithium	6-1	9507705	9281580	8779011	9189432	4.06	cps
Magnesium	24-2	1717587	1775523	1727527	1740212	1.78	cps
Manganese	55-2	2256316	2274283	2242760	2257786	0.70	cps
Molybdenum	94-1	67237	72591	65727	68519	5.26	cps
Molybdenum	95-1	3434	3209	3125	3256	4.90	cps
Molybdenum	96-1	22442	19827	18815	20361	9.19	cps
Molybdenum	97-1	1583	1850	1909	1781	9.73	cps
Molybdenum	98-1	4484	4226	4209	4306	3.58	cps
Neodymium	150-1	118209	119006	117379	118198	0.69	cps
Neodymium	150-2	31916	30117	29503	30512	4.11	cps
Nickel	60-2	60418	57483	58882	58927	2.49	cps
Phosphorus	31-2	2600	2867	2800	2756	5.04	cps
Potassium	39-2	502850	493761	494024	496878	1.04	cps
Rhodium	103-1	15462290	14935536	14732715	15043514	2.50	cps
Rhodium	103-2	5501779	5321903	5326314	5383332	1.91	cps
Scandium	45-1	13258311	13303264	12969097	13176891	1.38	cps
Scandium	45-2	316781	320890	318843	318838	0.64	cps
Selenium	82-1	60	71	121	84	38.73	cps
Selenium	77-2	160	190	197	182	10.72	cps
Selenium	78-2	222	219	231	224	2.79	cps
Silicon	28-1	50139861	59536583	49832139	53169527	10.37	cps
Silver	107-1	750	950	800	833	12.50	cps
Silver	109-1	517	450	650	539	18.90	cps
Sodium	23-2	68529	73911	78436	73625	6.74	cps
Strontium	86-1	83283	85681	82101	83688	2.18	cps
Strontium	88-1	549095	546142	540317	545184	0.82	cps
Sulfur	34-1	356459	345226	348496	350060	1.65	cps
Terbium	159-1	18541880	18230074	18662497	18478150	1.21	cps
Terbium	159-2	6131937	6151755	5984872	6089521	1.50	cps
Thallium	203-1	1817	1800	1967	1861	4.93	cps
Thallium	205-1	5226	4709	4634	4857	6.64	cps
Tin	118-1	23546	23371	23404	23441	0.40	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:11:35	DataFile Name :	222AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	344498	357344	279497	327113	12.76	cps
Uranium	238-1	25552	27055	26154	26254	2.88	cps
Vanadium	51-2	29738	29314	28489	29181	2.18	cps
Ytterbium	172-1	14350	14892	14325	14522	2.21	cps
Ytterbium	172-2	5451	5329	5629	5470	2.76	cps
Ytterbium	176-1	11305	11666	11247	11406	1.99	cps
Ytterbium	176-2	9454	10599	10454	10169	6.13	cps
Yttrium	89-1	28284461	28241600	27832019	28119360	0.89	cps
Yttrium	89-2	2520459	2473467	2519960	2504629	1.08	cps
Zinc	66-2	58705	57868	57071	57881	1.41	cps
Zirconium	90-1	212804	213293	189639	205245	6.59	cps
Zirconium	91-1	59845	45373	48143	51120	15.03	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:14:30	DataFile Name :	223AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1774542	1671746	1760676	1735655	3.21	cps
Antimony	121-1	1008	1042	925	992	6.06	cps
Arsenic	75-2	2283	2265	2308	2286	0.94	cps
Barium	135-1	343204	334681	329676	335854	2.04	cps
Barium	137-1	572745	575134	575766	574548	0.28	cps
Beryllium	9-1	5130	5314	5188	5211	1.81	cps
Bismuth	209-1	10268191	10282400	9923678	10158090	2.00	cps
Bismuth	209-2	4072412	4381092	4184294	4212599	3.71	cps
Boron	10-1	12773	12107	12143	12341	3.04	cps
Boron	11-1	55616	55257	53837	54903	1.71	cps
Bromine	81-1	70617	73745	69903	71422	2.86	cps
Cadmium	111-1	2045	2278	2233	2186	5.66	cps
Cadmium	106-1	7452	8003	7486	7647	4.04	cps
Cadmium	108-1	238	288	258	261	9.62	cps
Calcium	43-1	101046	102663	100575	101428	1.08	cps
Calcium	44-1	1681188	1681681	1650474	1671115	1.07	cps
Carbon	12-1	7841168	7814487	7700673	7785443	0.96	cps
Carbon	12-2	71274	71801	72312	71796	0.72	cps
Chlorine	35-1	715844	708831	700140	708272	1.11	cps
Chlorine	35-2	4226	4501	4334	4354	3.18	cps
Chromium	52-2	41467	42761	42600	42276	1.67	cps
Cobalt	59-2	109620	111218	108441	109760	1.27	cps
Copper	63-2	119109	117521	118588	118406	0.68	cps
Dysprosium	156-1	75388	71016	74100	73501	3.06	cps
Dysprosium	156-2	22936	22516	23402	22952	1.93	cps
Erbium	164-1	52873	51459	52723	52351	1.48	cps
Erbium	164-2	17208	17435	17582	17408	1.08	cps
Gadolinium	160-1	62858	65446	64943	64416	2.13	cps
Gadolinium	160-2	25217	24716	37573	29169	24.97	cps
Holmium	165-1	17588679	16935817	16775306	17099934	2.52	cps
Holmium	165-2	5850457	6160282	5744763	5918500	3.65	cps
Indium	115-1	16650990	15806338	15459964	15972431	3.84	cps
Indium	115-2	1966167	2113288	1942458	2007304	4.61	cps
Iron	54-2	2665797	2599989	2677674	2647820	1.58	cps
Iron	56-2	48505507	47590964	46781011	47625827	1.81	cps
Iron	57-2	1154953	1132958	1154761	1147557	1.10	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:14:30	DataFile Name :	223AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13406	13866	13592	13622	1.70	cps
Lead	206-1	102963	121363	109462	111263	8.39	cps
Lead	207-1	90594	87340	87526	88487	2.06	cps
Lead	208-1	415544	436782	415010	422445	2.94	cps
Lithium	6-1	8899559	9191143	9134719	9075141	1.70	cps
Magnesium	24-2	1679104	1706352	1683886	1689781	0.86	cps
Manganese	55-2	2235880	2170386	2197402	2201223	1.50	cps
Molybdenum	94-1	67259	67174	67638	67357	0.37	cps
Molybdenum	95-1	2959	3067	3092	3039	2.33	cps
Molybdenum	96-1	30125	17378	21232	22912	28.53	cps
Molybdenum	97-1	1784	1850	1492	1708	11.16	cps
Molybdenum	98-1	4092	4851	4426	4456	8.53	cps
Neodymium	150-1	116498	121591	115403	117831	2.80	cps
Neodymium	150-2	30378	29319	29483	29727	1.92	cps
Nickel	60-2	60155	58423	58186	58921	1.82	cps
Phosphorus	31-2	2584	2667	3000	2750	8.02	cps
Potassium	39-2	504057	487153	476058	489089	2.88	cps
Rhodium	103-1	14854835	15031162	14660350	14848782	1.25	cps
Rhodium	103-2	5454207	5684141	5279756	5472701	3.71	cps
Scandium	45-1	13334828	12447062	12621191	12801027	3.67	cps
Scandium	45-2	306506	314135	313522	311388	1.36	cps
Selenium	82-1	165	-45	-5	38	290.91	cps
Selenium	77-2	160	180	147	162	10.34	cps
Selenium	78-2	209	216	228	218	4.42	cps
Silicon	28-1	36466730	40263650	45210469	40646950	10.79	cps
Silver	107-1	608	767	850	742	16.55	cps
Silver	109-1	533	525	475	511	6.17	cps
Sodium	23-2	65629	65217	72022	67623	5.64	cps
Strontium	86-1	82103	81623	80584	81437	0.95	cps
Strontium	88-1	535234	560909	524073	540072	3.50	cps
Sulfur	34-1	340275	341391	336567	339411	0.74	cps
Terbium	159-1	18191596	17743326	18086120	18007014	1.30	cps
Terbium	159-2	5871220	6339277	5981806	6064101	4.03	cps
Thallium	203-1	1692	1750	1784	1742	2.66	cps
Thallium	205-1	4242	3851	4026	4040	4.86	cps
Tin	118-1	24281	24490	23479	24083	2.22	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:14:30	DataFile Name :	223AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	401310	311143	370454	360969	12.70	cps
Uranium	238-1	25796	25053	25728	25526	1.61	cps
Vanadium	51-2	29237	29673	27473	28794	4.04	cps
Ytterbium	172-1	14400	14433	13215	14016	4.95	cps
Ytterbium	172-2	5212	5034	5529	5259	4.76	cps
Ytterbium	176-1	10763	10146	11497	10802	6.26	cps
Ytterbium	176-2	9815	10187	10632	10212	4.01	cps
Yttrium	89-1	28310888	27637960	26993238	27647362	2.38	cps
Yttrium	89-2	2565121	2536040	2464494	2521885	2.05	cps
Zinc	66-2	57667	55569	55582	56273	2.15	cps
Zirconium	90-1	175556	191111	185411	184026	4.28	cps
Zirconium	91-1	42065	42485	44736	43095	3.33	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	A03140LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-11 01:17:27	DataFile Name :	224AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	329780	331215	332797	331264	0.46	cps
Antimony	121-1	333	383	308	342	11.18	cps
Arsenic	75-2	480	444	423	449	6.42	cps
Barium	135-1	63000	62655	64500	63385	1.55	cps
Barium	137-1	112504	110540	109303	110782	1.46	cps
Beryllium	9-1	1018	1028	1018	1021	0.57	cps
Bismuth	209-1	9731418	10221558	9605707	9852894	3.30	cps
Bismuth	209-2	4068608	4051242	4139904	4086585	1.15	cps
Boron	10-1	7599	7683	7859	7713	1.72	cps
Boron	11-1	32907	33265	33178	33117	0.56	cps
Bromine	81-1	69003	73244	71007	71085	2.98	cps
Cadmium	111-1	1302	1540	1455	1432	8.42	cps
Cadmium	106-1	7060	6760	6669	6830	3.00	cps
Cadmium	108-1	384	71	113	189	89.87	cps
Calcium	43-1	19397	19749	19448	19531	0.97	cps
Calcium	44-1	327443	324335	332582	328120	1.27	cps
Carbon	12-1	7365240	7487969	7344147	7399119	1.05	cps
Carbon	12-2	69374	69473	68678	69175	0.63	cps
Chlorine	35-1	734949	722778	750466	736064	1.89	cps
Chlorine	35-2	4859	4501	4434	4598	4.97	cps
Chromium	52-2	9130	8933	9540	9201	3.37	cps
Cobalt	59-2	20411	20795	21313	20840	2.17	cps
Copper	63-2	25393	25296	24986	25225	0.84	cps
Dysprosium	156-1	14200	14216	14650	14355	1.78	cps
Dysprosium	156-2	4501	4417	4524	4481	1.25	cps
Erbium	164-1	10429	10596	10696	10574	1.28	cps
Erbium	164-2	3357	3357	3367	3360	0.17	cps
Gadolinium	160-1	12798	11614	12281	12231	4.86	cps
Gadolinium	160-2	5034	5018	4891	4981	1.57	cps
Holmium	165-1	16428870	16824342	16851383	16701532	1.42	cps
Holmium	165-2	5947969	6031978	5985909	5988619	0.70	cps
Indium	115-1	15556995	15939042	14916696	15470911	3.34	cps
Indium	115-2	1992041	2020194	1991357	2001197	0.82	cps
Iron	54-2	508992	501601	500837	503810	0.89	cps
Iron	56-2	9647869	9463409	9422033	9511103	1.26	cps
Iron	57-2	234186	240176	231289	235217	1.93	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	A03140LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-11 01:17:27	DataFile Name :	224AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13572	13103	13290	13322	1.77	cps
Lead	206-1	22097	21635	22331	22021	1.61	cps
Lead	207-1	18463	18035	17979	18159	1.46	cps
Lead	208-1	85027	85207	84319	84851	0.55	cps
Lithium	6-1	9218333	9031063	9129909	9126435	1.03	cps
Magnesium	24-2	315923	320874	320804	319200	0.89	cps
Manganese	55-2	417719	416435	412350	415501	0.67	cps
Molybdenum	94-1	13107	13465	12998	13190	1.85	cps
Molybdenum	95-1	683	517	733	644	17.61	cps
Molybdenum	96-1	4134	3651	4085	3957	6.73	cps
Molybdenum	97-1	358	433	383	392	9.75	cps
Molybdenum	98-1	1058	842	908	936	11.85	cps
Neodymium	150-1	22246	21918	21858	22007	0.95	cps
Neodymium	150-2	9356	5982	6118	7152	26.71	cps
Nickel	60-2	11148	11245	11398	11263	1.12	cps
Phosphorus	31-2	492	667	608	589	15.13	cps
Potassium	39-2	110227	114496	112568	112430	1.90	cps
Rhodium	103-1	15319083	14665330	14294227	14759547	3.52	cps
Rhodium	103-2	5371156	5358274	5469714	5399714	1.13	cps
Scandium	45-1	12746914	12695715	12354349	12598993	1.69	cps
Scandium	45-2	310370	304648	308845	307954	0.96	cps
Selenium	82-1	-184	245	-1	20	1076.57	cps
Selenium	77-2	33	20	43	32	36.33	cps
Selenium	78-2	128	125	128	127	1.36	cps
Silicon	28-1	9970858	8594367	9502065	9355763	7.48	cps
Silver	107-1	342	400	508	417	20.30	cps
Silver	109-1	358	175	317	283	33.92	cps
Sodium	23-2	26601	26894	26693	26729	0.56	cps
Strontium	86-1	33232	33282	32405	32973	1.49	cps
Strontium	88-1	100947	124459	100888	108765	12.50	cps
Sulfur	34-1	325509	312779	319333	319207	1.99	cps
Terbium	159-1	17413931	17312027	17634567	17453508	0.94	cps
Terbium	159-2	5949962	5877789	5862807	5896853	0.79	cps
Thallium	203-1	733	733	742	736	0.65	cps
Thallium	205-1	1892	2042	1884	1939	4.60	cps
Tin	118-1	5685	5660	5701	5682	0.37	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06LDLX25	Instrumnet Name :	P8
Client Sample ID :	A03140LDL	Dilution Factor :	25
Date & Time Acquired ::	2022-04-11 01:17:27	DataFile Name :	224AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	34809	53711	48055	45525	21.31	cps
Uranium	238-1	4943	5010	4893	4949	1.18	cps
Vanadium	51-2	5658	5591	5721	5657	1.15	cps
Ytterbium	172-1	2959	2767	2775	2834	3.82	cps
Ytterbium	172-2	1089	1133	961	1061	8.43	cps
Ytterbium	176-1	3809	3659	3692	3720	2.12	cps
Ytterbium	176-2	6668	7358	7513	7180	6.26	cps
Yttrium	89-1	25701505	26963025	26141249	26268593	2.44	cps
Yttrium	89-2	2357841	2437677	2384392	2393303	1.70	cps
Zinc	66-2	10981	11258	10531	10923	3.36	cps
Zirconium	90-1	60050	69907	47697	59218	18.79	cps
Zirconium	91-1	7644	14899	8696	10413	37.65	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:22:42	DataFile Name :	225AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2647886	2669014	2624741	2647214	0.84	cps
Antimony	121-1	374843	377990	367947	373593	1.37	cps
Arsenic	75-2	43229	43262	43287	43260	0.07	cps
Barium	135-1	1954426	1974193	1928517	1952379	1.17	cps
Barium	137-1	3478904	3386713	3317578	3394398	2.38	cps
Beryllium	9-1	557281	560166	540502	552650	1.92	cps
Bismuth	209-1	9763413	9615401	10149458	9842757	2.80	cps
Bismuth	209-2	4103260	4147611	3991300	4080724	1.97	cps
Boron	10-1	81991	80335	85864	82730	3.43	cps
Boron	11-1	355375	374594	386639	372202	4.24	cps
Bromine	81-1	75916	70295	70624	72278	4.36	cps
Cadmium	111-1	383546	386521	371346	380471	2.11	cps
Cadmium	106-1	49825	49682	50352	49953	0.71	cps
Cadmium	108-1	29569	29169	30764	29834	2.78	cps
Calcium	43-1	697558	688130	694873	693520	0.70	cps
Calcium	44-1	11280251	10934068	10856222	11023514	2.05	cps
Carbon	12-1	8063722	8007758	8195448	8088976	1.19	cps
Carbon	12-2	76265	76249	76969	76494	0.54	cps
Chlorine	35-1	664045	669030	660026	664367	0.68	cps
Chlorine	35-2	4401	4384	4276	4354	1.56	cps
Chromium	52-2	424934	420484	421215	422211	0.57	cps
Cobalt	59-2	771895	749363	733506	751588	2.57	cps
Copper	63-2	5448319	5410770	5374716	5411268	0.68	cps
Dysprosium	156-1	112061	107982	108684	109576	1.99	cps
Dysprosium	156-2	34548	34127	33305	33993	1.86	cps
Erbium	164-1	73638	71837	72265	72580	1.30	cps
Erbium	164-2	25090	24038	24346	24492	2.21	cps
Gadolinium	160-1	95696	93372	94420	94496	1.23	cps
Gadolinium	160-2	36500	37109	36407	36672	1.04	cps
Holmium	165-1	17458681	16964685	16945747	17123038	1.70	cps
Holmium	165-2	6297839	6009406	6193032	6166759	2.37	cps
Indium	115-1	16564784	15871208	15518406	15984799	3.33	cps
Indium	115-2	2033626	1997151	1954524	1995100	1.98	cps
Iron	54-2	7530272	7566977	7454315	7517188	0.76	cps
Iron	56-2	140036106	134930453	134162003	136376187	2.34	cps
Iron	57-2	3435406	3403579	3455221	3431402	0.76	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:22:42	DataFile Name :	225AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13796	14217	13814	13942	1.71	cps
Lead	206-1	4957056	4959659	4814081	4910265	1.70	cps
Lead	207-1	4247632	4222011	4226942	4232195	0.32	cps
Lead	208-1	19173173	19117740	19304906	19198607	0.50	cps
Lithium	6-1	9335041	8997811	8797427	9043426	3.00	cps
Magnesium	24-2	4828069	4769115	4802515	4799900	0.62	cps
Manganese	55-2	6310277	6243306	6107974	6220519	1.66	cps
Molybdenum	94-1	3151611	3085516	2933174	3056767	3.66	cps
Molybdenum	95-1	3689876	3495018	3439099	3541331	3.72	cps
Molybdenum	96-1	4027657	3976189	4007909	4003919	0.65	cps
Molybdenum	97-1	2240708	2192227	2228720	2220552	1.14	cps
Molybdenum	98-1	5669012	5547295	5623106	5613138	1.10	cps
Neodymium	150-1	190907	185881	183550	186779	2.01	cps
Neodymium	150-2	49026	48180	47213	48140	1.88	cps
Nickel	60-2	239448	236722	234357	236842	1.08	cps
Phosphorus	31-2	7077	7169	7127	7124	0.64	cps
Potassium	39-2	1591299	1552592	1554276	1566056	1.40	cps
Rhodium	103-1	14860125	14945412	14635549	14813695	1.08	cps
Rhodium	103-2	5336815	5401138	5121251	5286401	2.77	cps
Scandium	45-1	13081038	12725988	13029138	12945388	1.48	cps
Scandium	45-2	325461	320306	320659	322142	0.89	cps
Selenium	82-1	32632	32121	31892	32215	1.18	cps
Selenium	77-2	937	1050	910	966	7.70	cps
Selenium	78-2	2950	2928	2969	2949	0.70	cps
Silicon	28-1	9018413	8636038	8637007	8763819	2.52	cps
Silver	107-1	1922810	1838285	1869824	1876973	2.28	cps
Silver	109-1	1701972	1753880	1819988	1758613	3.36	cps
Sodium	23-2	5555679	5286738	5492188	5444868	2.58	cps
Strontium	86-1	626506	587604	614276	609462	3.26	cps
Strontium	88-1	4999859	4872128	5019417	4963801	1.61	cps
Sulfur	34-1	351627	354154	355756	353845	0.59	cps
Terbium	159-1	18475533	18186755	17445210	18035833	2.95	cps
Terbium	159-2	5932827	6056151	5993704	5994227	1.03	cps
Thallium	203-1	1125499	1104251	1104958	1111570	1.09	cps
Thallium	205-1	2689156	2634227	2558424	2627269	2.50	cps
Tin	118-1	1129008	1116353	1086068	1110476	1.99	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:22:42	DataFile Name :	225AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1428854	1394482	1392778	1405371	1.45	cps
Uranium	238-1	3366059	3354292	3414117	3378156	0.94	cps
Vanadium	51-2	339929	335141	332739	335936	1.09	cps
Ytterbium	172-1	20308	19014	19924	19749	3.36	cps
Ytterbium	172-2	7074	7619	7185	7293	3.95	cps
Ytterbium	176-1	14642	14475	15401	14839	3.33	cps
Ytterbium	176-2	11711	11983	11261	11652	3.13	cps
Yttrium	89-1	27953168	27001199	27961652	27638673	2.00	cps
Yttrium	89-2	2604657	2497188	2471652	2524499	2.80	cps
Zinc	66-2	590453	591404	580129	587329	1.06	cps
Zirconium	90-1	2871860	2843653	2823318	2846277	0.86	cps
Zirconium	91-1	642145	633552	611322	629006	2.53	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:25:36	DataFile Name :	226AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517190	2445736	2421111	2461346	2.03	cps
Antimony	121-1	460628	457390	454210	457409	0.70	cps
Arsenic	75-2	43805	42411	42339	42852	1.93	cps
Barium	135-1	1903717	1832014	1815050	1850260	2.54	cps
Barium	137-1	3261529	3132357	3189333	3194406	2.03	cps
Beryllium	9-1	540337	535885	528946	535056	1.07	cps
Bismuth	209-1	9729112	9438698	9807916	9658575	2.01	cps
Bismuth	209-2	4099811	4247173	4084968	4143984	2.16	cps
Boron	10-1	85505	86570	89226	87100	2.20	cps
Boron	11-1	389598	409332	410192	403041	2.89	cps
Bromine	81-1	74547	77296	71287	74377	4.04	cps
Cadmium	111-1	372275	371991	371423	371896	0.12	cps
Cadmium	106-1	51748	51096	48779	50541	3.09	cps
Cadmium	108-1	29398	28830	29060	29096	0.98	cps
Calcium	43-1	662595	667608	652130	660778	1.20	cps
Calcium	44-1	10679946	10672037	10390233	10580739	1.56	cps
Carbon	12-1	8386677	8531305	8345615	8421199	1.16	cps
Carbon	12-2	77481	77773	79105	78119	1.11	cps
Chlorine	35-1	642427	622080	624619	629709	1.76	cps
Chlorine	35-2	3842	3967	3717	3842	3.25	cps
Chromium	52-2	417266	412329	407536	412377	1.18	cps
Cobalt	59-2	729319	698838	710147	712768	2.16	cps
Copper	63-2	5310652	5181065	5241167	5244295	1.24	cps
Dysprosium	156-1	105510	105905	100883	104099	2.68	cps
Dysprosium	156-2	32356	32129	31761	32082	0.94	cps
Erbium	164-1	64534	63695	63242	63824	1.03	cps
Erbium	164-2	21204	20847	20973	21008	0.86	cps
Gadolinium	160-1	87295	87396	85057	86582	1.53	cps
Gadolinium	160-2	33980	34247	33876	34035	0.56	cps
Holmium	165-1	16741608	17179189	16869634	16930144	1.33	cps
Holmium	165-2	5817190	5957759	5886809	5887253	1.19	cps
Indium	115-1	15119266	15711132	15468221	15432873	1.93	cps
Indium	115-2	2010839	1983803	1984979	1993207	0.77	cps
Iron	54-2	6763955	6783052	6822911	6789972	0.44	cps
Iron	56-2	123907167	120761419	123318992	122662526	1.36	cps
Iron	57-2	3172855	3099365	3147090	3139770	1.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:25:36	DataFile Name :	226AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13730	13836	13940	13836	0.76	cps
Lead	206-1	4509650	4654155	4413333	4525713	2.68	cps
Lead	207-1	3960749	3979513	3741005	3893756	3.41	cps
Lead	208-1	18210039	18214263	17502067	17975457	2.28	cps
Lithium	6-1	8468710	8934251	9108542	8837168	3.74	cps
Magnesium	24-2	4657735	4494492	4568043	4573424	1.79	cps
Manganese	55-2	4289015	4157728	4337202	4261315	2.18	cps
Molybdenum	94-1	2963570	3000894	3055440	3006635	1.54	cps
Molybdenum	95-1	3392184	3374527	3436650	3401120	0.94	cps
Molybdenum	96-1	3839767	3832833	3875602	3849401	0.60	cps
Molybdenum	97-1	2136239	2115031	2099266	2116845	0.88	cps
Molybdenum	98-1	5439515	5473076	5328536	5413709	1.40	cps
Neodymium	150-1	190653	183283	187505	187147	1.98	cps
Neodymium	150-2	47672	47819	47564	47685	0.27	cps
Nickel	60-2	229398	225459	221900	225586	1.66	cps
Phosphorus	31-2	6260	6085	6435	6260	2.80	cps
Potassium	39-2	1573769	1543690	1542689	1553383	1.14	cps
Rhodium	103-1	14722583	15075560	15037718	14945287	1.30	cps
Rhodium	103-2	5348700	5383390	5114635	5282242	2.77	cps
Scandium	45-1	13021054	12553979	12596251	12723761	2.03	cps
Scandium	45-2	319183	322046	316051	319093	0.94	cps
Selenium	82-1	32935	32647	32119	32567	1.27	cps
Selenium	77-2	1140	947	1003	1030	9.65	cps
Selenium	78-2	2946	2920	2907	2924	0.68	cps
Silicon	28-1	5881968	10070349	4441686	6798001	43.01	cps
Silver	107-1	1836248	1872489	1768722	1825820	2.88	cps
Silver	109-1	1702587	1730820	1700280	1711229	0.99	cps
Sodium	23-2	5234898	5310038	5190058	5244998	1.16	cps
Strontium	86-1	585156	588523	596563	590081	0.99	cps
Strontium	88-1	4776395	4831764	4801212	4803124	0.58	cps
Sulfur	34-1	382358	374824	380436	379206	1.03	cps
Terbium	159-1	17260585	18030471	16868942	17386666	3.40	cps
Terbium	159-2	5832460	5914943	5986660	5911354	1.31	cps
Thallium	203-1	1040784	1016673	1028875	1028777	1.17	cps
Thallium	205-1	2521360	2468117	2458353	2482610	1.37	cps
Tin	118-1	1082232	1084989	1082608	1083276	0.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	A03140MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:25:36	DataFile Name :	226AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1315414	1306193	1290279	1303962	0.98	cps
Uranium	238-1	3329730	3310293	3212231	3284085	1.92	cps
Vanadium	51-2	326380	324539	323187	324702	0.49	cps
Ytterbium	172-1	15877	15802	16018	15899	0.69	cps
Ytterbium	172-2	6335	5740	6363	6146	5.72	cps
Ytterbium	176-1	13616	12815	12214	12882	5.46	cps
Ytterbium	176-2	10304	10465	10565	10445	1.26	cps
Yttrium	89-1	26861446	27392077	27162510	27138678	0.98	cps
Yttrium	89-2	2500389	2388104	2443434	2443976	2.30	cps
Zinc	66-2	574752	566529	568964	570082	0.74	cps
Zirconium	90-1	2913481	2898039	2819738	2877086	1.75	cps
Zirconium	91-1	654281	644442	621129	639951	2.66	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:29:54	DataFile Name :	227CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5038643	4926197	4779900	4914913	2.64	cps
Antimony	121-1	5263857	5274882	5281253	5273331	0.17	cps
Arsenic	75-2	154316	153124	154580	154007	0.50	cps
Barium	135-1	7272116	7463817	7246834	7327589	1.62	cps
Barium	137-1	12310443	12826345	12409946	12515578	2.19	cps
Beryllium	9-1	2491812	2523499	2481393	2498902	0.88	cps
Bismuth	209-1	8543457	8499189	8419193	8487280	0.74	cps
Bismuth	209-2	3683822	3652737	3640496	3659018	0.61	cps
Boron	10-1	617351	648945	679601	648632	4.80	cps
Boron	11-1	2687663	2828092	2713300	2743018	2.73	cps
Bromine	81-1	63491	61521	65125	63379	2.85	cps
Cadmium	111-1	1553922	1563900	1598675	1572166	1.49	cps
Cadmium	106-1	187077	190627	185857	187854	1.32	cps
Cadmium	108-1	130060	127880	129792	129244	0.92	cps
Calcium	43-1	12921030	12955206	12632326	12836187	1.38	cps
Calcium	44-1	209347728	214242320	207020840	210203629	1.75	cps
Carbon	12-1	9093448	9401363	9286491	9260434	1.68	cps
Carbon	12-2	96307	94303	92877	94496	1.82	cps
Chlorine	35-1	605320	585711	590877	593969	1.71	cps
Chlorine	35-2	3809	3726	3792	3776	1.17	cps
Chromium	52-2	1583638	1627541	1573608	1594929	1.80	cps
Cobalt	59-2	2763192	2689173	2694591	2715652	1.52	cps
Copper	63-2	21168242	20922325	20553772	20881446	1.48	cps
Dysprosium	156-1	958	867	1067	964	10.39	cps
Dysprosium	156-2	280	313	267	287	8.39	cps
Erbium	164-1	283	308	208	267	19.52	cps
Erbium	164-2	80	87	93	87	7.70	cps
Gadolinium	160-1	558	742	792	697	17.62	cps
Gadolinium	160-2	293	327	277	299	8.52	cps
Holmium	165-1	16180723	16117235	15558720	15952226	2.15	cps
Holmium	165-2	5722892	5822731	5659202	5734942	1.44	cps
Indium	115-1	14517669	13788857	13866534	14057687	2.85	cps
Indium	115-2	1785380	1830007	1850921	1822103	1.84	cps
Iron	54-2	16985043	16785956	16581395	16784131	1.20	cps
Iron	56-2	304378451	309847996	307533662	307253370	0.89	cps
Iron	57-2	7823211	7651346	7424637	7633065	2.62	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:29:54	DataFile Name :	227CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13287	13207	12848	13114	1.78	cps
Lead	206-1	19976823	19814910	19451600	19747778	1.36	cps
Lead	207-1	17253360	17192549	17403216	17283041	0.63	cps
Lead	208-1	79573762	79866431	79099446	79513213	0.49	cps
Lithium	6-1	8647633	8464589	8266770	8459664	2.25	cps
Magnesium	24-2	65412333	64280260	65266897	64986497	0.95	cps
Manganese	55-2	8569357	8787349	8488800	8615169	1.79	cps
Molybdenum	94-1	23855148	22582058	22484151	22973786	3.33	cps
Molybdenum	95-1	33016525	32326830	32245600	32529651	1.30	cps
Molybdenum	96-1	36612206	35694851	36240588	36182548	1.28	cps
Molybdenum	97-1	19898983	19514718	20175643	19863115	1.67	cps
Molybdenum	98-1	51297422	51104930	50885115	51095822	0.40	cps
Neodymium	150-1	553	567	547	556	1.83	cps
Neodymium	150-2	40	33	47	40	16.68	cps
Nickel	60-2	761087	750066	763803	758319	0.96	cps
Phosphorus	31-2	53751	54520	52940	53737	1.47	cps
Potassium	39-2	23863703	24137792	23659117	23886871	1.01	cps
Rhodium	103-1	12287492	12626315	12864994	12592934	2.30	cps
Rhodium	103-2	4655291	4691364	4722134	4689597	0.71	cps
Scandium	45-1	11725369	12015102	11768414	11836295	1.32	cps
Scandium	45-2	298128	296914	297186	297409	0.21	cps
Selenium	82-1	143449	144612	139749	142604	1.78	cps
Selenium	77-2	3517	3657	3664	3613	2.29	cps
Selenium	78-2	12045	12247	12132	12141	0.83	cps
Silicon	28-1	41817239	43216605	41018105	42017317	2.65	cps
Silver	107-1	8285943	8623516	8721334	8543597	2.67	cps
Silver	109-1	8157408	7767724	7803662	7909598	2.72	cps
Sodium	23-2	123510111	119733974	124706765	122650283	2.12	cps
Strontium	86-1	2450157	2395871	2372220	2406082	1.66	cps
Strontium	88-1	20560192	20120511	19930032	20203578	1.60	cps
Sulfur	34-1	1149558	1173668	1137798	1153675	1.58	cps
Terbium	159-1	17309289	16855397	17093748	17086145	1.33	cps
Terbium	159-2	5596141	5747367	5771929	5705146	1.67	cps
Thallium	203-1	4970601	4877875	4922496	4923657	0.94	cps
Thallium	205-1	11700057	11709292	11421043	11610130	1.41	cps
Tin	118-1	5238766	5012947	5095951	5115888	2.23	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:29:54	DataFile Name :	227CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11295996	11190985	10855496	11114159	2.07	cps
Uranium	238-1	15865009	15622977	15557876	15681954	1.03	cps
Vanadium	51-2	1269511	1228317	1261901	1253243	1.75	cps
Ytterbium	172-1	200	225	325	250	26.46	cps
Ytterbium	172-2	111	56	106	91	33.72	cps
Ytterbium	176-1	24799	23438	24407	24215	2.89	cps
Ytterbium	176-2	13691	13924	14080	13898	1.41	cps
Yttrium	89-1	25063790	24703895	24807692	24858459	0.75	cps
Yttrium	89-2	2217662	2231878	2296314	2248618	1.86	cps
Zinc	66-2	2638731	2591901	2543812	2591481	1.83	cps
Zirconium	90-1	12280169	12026103	11882600	12062957	1.67	cps
Zirconium	91-1	2771766	2740800	2694113	2735559	1.43	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : CCB96 Instrumnet Name : P8
 Client Sample ID : CCB96 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-11 01:38:26 DataFile Name : 228CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	172	162	185	173	6.50	cps
Antimony	121-1	908	925	1208	1014	16.63	cps
Arsenic	75-2	16	7	16	13	39.97	cps
Barium	135-1	125	183	150	153	19.15	cps
Barium	137-1	200	200	233	211	9.11	cps
Beryllium	9-1	110	130	112	117	9.39	cps
Bismuth	209-1	9165152	9748226	9264341	9392573	3.32	cps
Bismuth	209-2	4050868	4198821	4107853	4119181	1.81	cps
Boron	10-1	17851	17497	17257	17535	1.71	cps
Boron	11-1	79531	77259	74462	77084	3.29	cps
Bromine	81-1	74342	73473	67850	71888	4.90	cps
Cadmium	111-1	1274	1285	1348	1302	3.07	cps
Cadmium	106-1	6118	6127	6435	6227	2.90	cps
Cadmium	108-1	42	46	50	46	9.09	cps
Calcium	43-1	387	317	400	368	12.07	cps
Calcium	44-1	16362	16408	16994	16588	2.12	cps
Carbon	12-1	7499951	7380882	7248220	7376351	1.71	cps
Carbon	12-2	67372	68829	67682	67961	1.13	cps
Chlorine	35-1	536528	552543	543297	544123	1.48	cps
Chlorine	35-2	3284	3317	3392	3331	1.67	cps
Chromium	52-2	1147	1237	1340	1241	7.80	cps
Cobalt	59-2	90	93	120	101	16.26	cps
Copper	63-2	1100	1153	1237	1163	5.92	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	108	158	125	131	19.50	cps
Erbium	164-2	43	33	37	38	13.48	cps
Gadolinium	160-1	125	83	25	78	64.58	cps
Gadolinium	160-2	83	100	90	91	9.21	cps
Holmium	165-1	15358506	16517157	16111664	15995776	3.68	cps
Holmium	165-2	5995662	5886089	5807141	5896297	1.61	cps
Indium	115-1	14552439	16005409	15498923	15352257	4.80	cps
Indium	115-2	2015620	2047811	1947464	2003631	2.56	cps
Iron	54-2	1389	1556	1745	1563	11.38	cps
Iron	56-2	18985	20081	21661	20242	6.65	cps
Iron	57-2	578	450	556	528	12.94	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:38:26	DataFile Name :	228CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13485	13594	13925	13668	1.68	cps
Lead	206-1	1689	1706	1750	1715	1.84	cps
Lead	207-1	1522	1633	1456	1537	5.84	cps
Lead	208-1	6623	6895	6767	6762	2.01	cps
Lithium	6-1	8497360	8662512	9395733	8851868	5.40	cps
Magnesium	24-2	1175	1000	1050	1075	8.39	cps
Manganese	55-2	233	223	237	231	3.00	cps
Molybdenum	94-1	925	775	967	889	11.34	cps
Molybdenum	95-1	733	767	750	750	2.22	cps
Molybdenum	96-1	1175	992	1183	1117	9.70	cps
Molybdenum	97-1	550	583	567	567	2.94	cps
Molybdenum	98-1	1342	1175	1208	1242	7.10	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	93	63	90	82	20.00	cps
Phosphorus	31-2	100	58	92	83	26.46	cps
Potassium	39-2	19497	19489	19572	19519	0.24	cps
Rhodium	103-1	13881053	14747828	14740861	14456581	3.45	cps
Rhodium	103-2	5458652	5310841	5281244	5350246	1.78	cps
Scandium	45-1	11684304	12546119	12683393	12304605	4.40	cps
Scandium	45-2	308959	309002	306944	308302	0.38	cps
Selenium	82-1	-23	21	-414	-138	-173.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	115	105	131	117	11.21	cps
Silicon	28-1	671559	670355	663975	668630	0.61	cps
Silver	107-1	542	617	758	639	17.22	cps
Silver	109-1	517	475	542	511	6.59	cps
Sodium	23-2	18746	19472	19155	19124	1.90	cps
Strontium	86-1	21500	21600	20908	21336	1.75	cps
Strontium	88-1	617	583	550	583	5.72	cps
Sulfur	34-1	403215	405028	406308	404850	0.38	cps
Terbium	159-1	16415359	17238718	17185426	16946501	2.72	cps
Terbium	159-2	5837697	5858756	5585776	5760743	2.64	cps
Thallium	203-1	792	758	542	697	19.47	cps
Thallium	205-1	1784	1759	1658	1734	3.82	cps
Tin	118-1	1809	1625	1567	1667	7.57	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 01:38:26	DataFile Name :	228CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	550	475	658	561	16.43	cps
Uranium	238-1	208	217	242	222	7.81	cps
Vanadium	51-2	27	33	20	27	24.99	cps
Ytterbium	172-1	67	92	108	89	23.59	cps
Ytterbium	172-2	67	11	56	44	66.15	cps
Ytterbium	176-1	1842	1967	1809	1872	4.46	cps
Ytterbium	176-2	6174	6707	6885	6589	5.62	cps
Yttrium	89-1	24210139	25728577	25173852	25037523	3.07	cps
Yttrium	89-2	2339513	2323117	2349917	2337516	0.58	cps
Zinc	66-2	210	220	197	209	5.60	cps
Zirconium	90-1	1342	1467	1475	1428	5.23	cps
Zirconium	91-1	358	283	392	344	16.11	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	A03140ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:41:35	DataFile Name :	229AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2605200	2512536	2515428	2544388	2.07	cps
Antimony	121-1	408840	407834	413263	409979	0.70	cps
Arsenic	75-2	44061	43136	42058	43085	2.33	cps
Barium	135-1	1942567	1908796	1947271	1932878	1.09	cps
Barium	137-1	3287070	3243791	3270696	3267185	0.67	cps
Beryllium	9-1	544157	535909	539646	539904	0.76	cps
Bismuth	209-1	9971875	9507964	9495241	9658360	2.81	cps
Bismuth	209-2	4171620	4067563	4182954	4140712	1.54	cps
Boron	10-1	87726	91790	90798	90104	2.35	cps
Boron	11-1	387861	408358	418850	405023	3.89	cps
Bromine	81-1	73123	70091	71239	71485	2.14	cps
Cadmium	111-1	370110	375552	358978	368213	2.29	cps
Cadmium	106-1	50611	50485	50637	50578	0.16	cps
Cadmium	108-1	29607	30142	30112	29954	1.00	cps
Calcium	43-1	672120	687144	672575	677280	1.26	cps
Calcium	44-1	11027353	11065010	11181015	11091126	0.72	cps
Carbon	12-1	8433165	8581941	8343216	8452774	1.43	cps
Carbon	12-2	79550	80596	80547	80231	0.74	cps
Chlorine	35-1	526723	516734	527540	523666	1.15	cps
Chlorine	35-2	3526	3292	3067	3295	6.96	cps
Chromium	52-2	420069	419922	414239	418077	0.80	cps
Cobalt	59-2	743976	725306	716323	728535	1.94	cps
Copper	63-2	5445765	5369417	5065188	5293456	3.80	cps
Dysprosium	156-1	102621	106561	104039	104407	1.91	cps
Dysprosium	156-2	33115	32988	32583	32895	0.84	cps
Erbium	164-1	69474	66149	67749	67791	2.45	cps
Erbium	164-2	22720	22957	21721	22466	2.92	cps
Gadolinium	160-1	89637	86097	89209	88314	2.19	cps
Gadolinium	160-2	35130	33686	34812	34543	2.20	cps
Holmium	165-1	17798479	17413354	16746202	17319345	3.07	cps
Holmium	165-2	6168427	6260453	5975251	6134711	2.37	cps
Indium	115-1	16058596	15164849	15892818	15705421	3.03	cps
Indium	115-2	2072980	2073043	2029831	2058618	1.21	cps
Iron	54-2	7157918	7367458	7142631	7222669	1.74	cps
Iron	56-2	125927564	129454028	128611358	127997650	1.44	cps
Iron	57-2	3396052	3352424	3202504	3316993	3.06	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	A03140ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:41:35	DataFile Name :	229AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13955	13964	13823	13914	0.57	cps
Lead	206-1	4673709	4579955	4495680	4583115	1.94	cps
Lead	207-1	4112158	3939156	3876577	3975963	3.07	cps
Lead	208-1	18612356	18278533	17719828	18203572	2.48	cps
Lithium	6-1	8947939	9132361	9018042	9032781	1.03	cps
Magnesium	24-2	4813698	4635632	4776107	4741812	1.98	cps
Manganese	55-2	5156984	5227525	5183130	5189213	0.69	cps
Molybdenum	94-1	2990094	2983849	2998138	2990694	0.24	cps
Molybdenum	95-1	3430366	3488977	3463023	3460789	0.85	cps
Molybdenum	96-1	3914369	3962759	3839832	3905653	1.59	cps
Molybdenum	97-1	2214843	2141697	2092384	2149641	2.87	cps
Molybdenum	98-1	5460292	5440880	5542162	5481111	0.98	cps
Neodymium	150-1	188195	187025	189846	188355	0.75	cps
Neodymium	150-2	48404	47635	47588	47876	0.96	cps
Nickel	60-2	233406	230593	225771	229924	1.68	cps
Phosphorus	31-2	6702	6602	6535	6613	1.27	cps
Potassium	39-2	1717029	1596488	1523743	1612420	6.05	cps
Rhodium	103-1	15455033	15059813	14442141	14985662	3.41	cps
Rhodium	103-2	5597712	5474317	5274050	5448693	3.00	cps
Scandium	45-1	13599803	13288990	13091171	13326655	1.92	cps
Scandium	45-2	334149	331439	325169	330253	1.39	cps
Selenium	82-1	32188	32438	32600	32409	0.64	cps
Selenium	77-2	1080	1083	1003	1056	4.29	cps
Selenium	78-2	2973	2969	2996	2979	0.49	cps
Silicon	28-1	7023388	6627533	6370683	6673868	4.93	cps
Silver	107-1	1796790	1841276	1844537	1827534	1.46	cps
Silver	109-1	1710896	1709134	1754680	1724903	1.50	cps
Sodium	23-2	5374574	5341004	5390004	5368528	0.47	cps
Strontium	86-1	597918	592337	603498	597918	0.93	cps
Strontium	88-1	4837615	4965494	4957030	4920046	1.45	cps
Sulfur	34-1	403755	397533	393571	398286	1.29	cps
Terbium	159-1	17784033	17392009	17279806	17485283	1.51	cps
Terbium	159-2	6338456	5907991	6106297	6117581	3.52	cps
Thallium	203-1	1004271	1051427	1011199	1022299	2.49	cps
Thallium	205-1	2437017	2469401	2480413	2462277	0.92	cps
Tin	118-1	1099531	1099189	1092274	1096998	0.37	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-06ADLX5	Instrumnet Name :	P8
Client Sample ID :	A03140ADL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:41:35	DataFile Name :	229AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1320036	1384880	1416928	1373948	3.59	cps
Uranium	238-1	3311472	3343854	3247924	3301083	1.48	cps
Vanadium	51-2	339078	331565	329706	333449	1.49	cps
Ytterbium	172-1	17888	17429	17479	17598	1.43	cps
Ytterbium	172-2	6824	6702	6880	6802	1.34	cps
Ytterbium	176-1	12623	13607	13324	13185	3.84	cps
Ytterbium	176-2	10399	11311	12006	11238	7.17	cps
Yttrium	89-1	27901491	28226976	28522958	28217142	1.10	cps
Yttrium	89-2	2602776	2566969	2499901	2556549	2.04	cps
Zinc	66-2	589057	592887	580136	587360	1.11	cps
Zirconium	90-1	2879683	2898815	2835671	2871390	1.13	cps
Zirconium	91-1	619047	636059	623639	626248	1.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A10095DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:44:31	DataFile Name :	230AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173811	168374	161888	168025	3.55	cps
Antimony	121-1	8112	7477	9070	8220	9.76	cps
Arsenic	75-2	4337	4179	4253	4256	1.86	cps
Barium	135-1	83939	87234	85817	85664	1.93	cps
Barium	137-1	142057	145804	150670	146177	2.95	cps
Beryllium	9-1	1410	1346	1262	1339	5.54	cps
Bismuth	209-1	10387198	9940878	10021264	10116447	2.35	cps
Bismuth	209-2	4281077	4103043	4337984	4240701	2.89	cps
Boron	10-1	15631	15289	14650	15190	3.28	cps
Boron	11-1	70219	68304	67719	68747	1.90	cps
Bromine	81-1	73973	73755	73570	73766	0.27	cps
Cadmium	111-1	1663	1678	1716	1686	1.62	cps
Cadmium	106-1	6919	7144	7227	7096	2.25	cps
Cadmium	108-1	167	138	221	175	24.17	cps
Calcium	43-1	19178	19209	18782	19056	1.25	cps
Calcium	44-1	315104	313598	314769	314490	0.25	cps
Carbon	12-1	12759495	12573724	12645485	12659568	0.74	cps
Carbon	12-2	114395	114798	112782	113992	0.94	cps
Chlorine	35-1	492930	502327	495362	496873	0.98	cps
Chlorine	35-2	3017	3292	3117	3142	4.43	cps
Chromium	52-2	13814	12893	13113	13273	3.62	cps
Cobalt	59-2	9493	9650	9453	9532	1.09	cps
Copper	63-2	46784	45386	45025	45731	2.03	cps
Dysprosium	156-1	2050	2676	2225	2317	13.93	cps
Dysprosium	156-2	1548	873	903	1108	34.41	cps
Erbium	164-1	2759	2984	2992	2912	4.55	cps
Erbium	164-2	923	993	1799	1239	39.30	cps
Gadolinium	160-1	2475	2650	2642	2589	3.81	cps
Gadolinium	160-2	997	1023	1063	1028	3.26	cps
Holmium	165-1	17870197	16259387	16882512	17004032	4.78	cps
Holmium	165-2	6011566	6028191	6101209	6046989	0.79	cps
Indium	115-1	16581367	16264141	15952437	16265982	1.93	cps
Indium	115-2	2121183	2138480	2137657	2132440	0.46	cps
Iron	54-2	1167531	1160425	1162315	1163423	0.32	cps
Iron	56-2	22832242	21870353	21270738	21991111	3.58	cps
Iron	57-2	535178	530003	511103	525428	2.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A10095DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:44:31	DataFile Name :	230AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14254	14059	14242	14185	0.77	cps
Lead	206-1	100608	98119	106543	101757	4.25	cps
Lead	207-1	83582	83607	86240	84476	1.81	cps
Lead	208-1	401867	394909	406385	401053	1.44	cps
Lithium	6-1	8917787	9101812	9315135	9111578	2.18	cps
Magnesium	24-2	15409	15743	15701	15618	1.17	cps
Manganese	55-2	35588	34936	34732	35085	1.27	cps
Molybdenum	94-1	28232	33004	35228	32155	11.12	cps
Molybdenum	95-1	10780	10413	10613	10602	1.73	cps
Molybdenum	96-1	17570	17695	17470	17578	0.64	cps
Molybdenum	97-1	6552	6493	6485	6510	0.56	cps
Molybdenum	98-1	17678	16677	16994	17117	2.99	cps
Neodymium	150-1	3621	3955	3034	3536	13.18	cps
Neodymium	150-2	767	880	830	826	6.88	cps
Nickel	60-2	13330	13326	12939	13198	1.70	cps
Phosphorus	31-2	592	417	442	483	19.58	cps
Potassium	39-2	77781	79701	75530	77671	2.69	cps
Rhodium	103-1	16000204	15804879	15446869	15750651	1.78	cps
Rhodium	103-2	5649310	5684018	5696586	5676638	0.43	cps
Scandium	45-1	12933028	13364245	13061011	13119428	1.69	cps
Scandium	45-2	332611	323215	324461	326762	1.56	cps
Selenium	82-1	1125	1356	1117	1199	11.33	cps
Selenium	77-2	37	30	40	36	14.32	cps
Selenium	78-2	221	233	230	228	2.74	cps
Silicon	28-1	4406405	4769506	4271914	4482609	5.74	cps
Silver	107-1	1567	1417	1575	1520	5.86	cps
Silver	109-1	1400	1317	1217	1311	7.00	cps
Sodium	23-2	91505	90877	87524	89969	2.38	cps
Strontium	86-1	49815	50467	50542	50275	0.80	cps
Strontium	88-1	240336	243725	252554	245538	2.57	cps
Sulfur	34-1	691803	690841	682593	688412	0.74	cps
Terbium	159-1	17607822	18441680	18429078	18159526	2.63	cps
Terbium	159-2	6108013	6070695	6182266	6120325	0.93	cps
Thallium	203-1	1625	1350	1350	1442	11.01	cps
Thallium	205-1	3125	3117	3192	3145	1.31	cps
Tin	118-1	5910	5551	5935	5799	3.70	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-02DLX5	Instrumnet Name :	P8
Client Sample ID :	A10095DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:44:31	DataFile Name :	230AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	81623	51611	63734	65656	23.00	cps
Uranium	238-1	9597	16370	8953	11640	35.30	cps
Vanadium	51-2	27376	26916	27066	27119	0.87	cps
Ytterbium	172-1	1150	992	1175	1106	8.99	cps
Ytterbium	172-2	494	383	417	432	13.22	cps
Ytterbium	176-1	3200	2959	3100	3087	3.94	cps
Ytterbium	176-2	6802	7085	7625	7171	5.83	cps
Yttrium	89-1	26664446	26894225	27201015	26919895	1.00	cps
Yttrium	89-2	2528649	2491761	2530730	2517047	0.87	cps
Zinc	66-2	19988	20195	20148	20110	0.54	cps
Zirconium	90-1	63191	82506	59705	68467	17.94	cps
Zirconium	91-1	14392	13516	13173	13694	4.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A11015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:47:32	DataFile Name :	231AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	388872	389853	375374	384700	2.10	cps
Antimony	121-1	6488	5837	5285	5870	10.26	cps
Arsenic	75-2	1048	997	1015	1020	2.54	cps
Barium	135-1	995966	948975	992790	979244	2.68	cps
Barium	137-1	1738900	1631954	1655539	1675465	3.35	cps
Beryllium	9-1	16360	16354	15911	16208	1.59	cps
Bismuth	209-1	10241063	9970703	9940956	10050907	1.65	cps
Bismuth	209-2	4240373	3991576	4396822	4209590	4.85	cps
Boron	10-1	14332	14615	14538	14495	1.01	cps
Boron	11-1	62897	63271	63807	63325	0.72	cps
Bromine	81-1	80821	79228	74015	78021	4.56	cps
Cadmium	111-1	18608	18412	18595	18538	0.59	cps
Cadmium	106-1	9704	9562	9037	9434	3.73	cps
Cadmium	108-1	1325	1529	1379	1411	7.50	cps
Calcium	43-1	210539	210841	208995	210125	0.47	cps
Calcium	44-1	3451550	3478431	3318926	3416302	2.50	cps
Carbon	12-1	9051427	8920384	8798930	8923580	1.42	cps
Carbon	12-2	82054	80924	82575	81851	1.03	cps
Chlorine	35-1	500412	485756	486466	490878	1.68	cps
Chlorine	35-2	2842	3050	2917	2936	3.59	cps
Chromium	52-2	389616	391097	380850	387188	1.43	cps
Cobalt	59-2	165038	166635	162533	164735	1.26	cps
Copper	63-2	2512091	2575598	2512143	2533277	1.45	cps
Dysprosium	156-1	18463	19631	19893	19329	3.94	cps
Dysprosium	156-2	6095	5828	5638	5854	3.92	cps
Erbium	164-1	16986	16411	15343	16247	5.13	cps
Erbium	164-2	5441	5645	5441	5509	2.13	cps
Gadolinium	160-1	16586	16369	16444	16466	0.67	cps
Gadolinium	160-2	6402	6255	6325	6327	1.16	cps
Holmium	165-1	17616824	16981055	16807412	17135097	2.49	cps
Holmium	165-2	6223639	5721507	6109651	6018266	4.37	cps
Indium	115-1	16761736	16491156	15724455	16325782	3.30	cps
Indium	115-2	2121293	1989993	2103672	2071653	3.44	cps
Iron	54-2	11148922	11368066	10897250	11138079	2.12	cps
Iron	56-2	202253071	203177821	199784654	201738516	0.87	cps
Iron	57-2	5237554	5161058	5042591	5147067	1.91	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A11015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:47:32	DataFile Name :	231AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13855	13965	13868	13896	0.43	cps
Lead	206-1	4505020	4494309	4371404	4456911	1.67	cps
Lead	207-1	3853451	3736525	3737881	3775952	1.78	cps
Lead	208-1	17702121	17211128	17175596	17362949	1.69	cps
Lithium	6-1	9225605	9065305	9036217	9109042	1.12	cps
Magnesium	24-2	226238	223408	218885	222843	1.66	cps
Manganese	55-2	4146985	4123508	3999440	4089977	1.94	cps
Molybdenum	94-1	27871	29007	27687	28189	2.54	cps
Molybdenum	95-1	24714	26010	25867	25530	2.78	cps
Molybdenum	96-1	43345	44423	43210	43659	1.52	cps
Molybdenum	97-1	15751	16385	20068	17401	13.39	cps
Molybdenum	98-1	40201	40109	40209	40173	0.14	cps
Neodymium	150-1	27161	27997	26914	27357	2.07	cps
Neodymium	150-2	7022	7602	7135	7253	4.24	cps
Nickel	60-2	512912	507142	493291	504449	2.00	cps
Phosphorus	31-2	325	392	375	364	9.53	cps
Potassium	39-2	135831	127766	121116	128237	5.75	cps
Rhodium	103-1	16117926	15414024	15280042	15603997	2.88	cps
Rhodium	103-2	5737997	5324371	5714998	5592455	4.16	cps
Scandium	45-1	13528984	13478150	12972732	13326622	2.31	cps
Scandium	45-2	336573	310490	336267	327777	4.57	cps
Selenium	82-1	220	-114	-30	25	683.21	cps
Selenium	77-2	43	57	40	47	18.90	cps
Selenium	78-2	158	144	156	153	4.96	cps
Silicon	28-1	6121622	6430419	5365002	5972348	9.18	cps
Silver	107-1	14149	13849	14575	14191	2.57	cps
Silver	109-1	12848	13749	13966	13521	4.38	cps
Sodium	23-2	196078	188531	184157	189589	3.18	cps
Strontium	86-1	220513	217689	218072	218758	0.70	cps
Strontium	88-1	1741437	1672014	1655053	1689502	2.71	cps
Sulfur	34-1	425710	433077	434968	431252	1.13	cps
Terbium	159-1	18052339	18504255	17556688	18037761	2.63	cps
Terbium	159-2	6393512	5755068	6128469	6092350	5.26	cps
Thallium	203-1	3726	4268	3942	3979	6.86	cps
Thallium	205-1	9487	9554	9595	9545	0.57	cps
Tin	118-1	61490	47804	41893	50396	19.95	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-03DLX5	Instrumnet Name :	P8
Client Sample ID :	A11015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:47:32	DataFile Name :	231AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	99597	73768	81745	85037	15.55	cps
Uranium	238-1	26562	25292	25987	25947	2.45	cps
Vanadium	51-2	11445	11248	10737	11143	3.28	cps
Ytterbium	172-1	5668	5393	5601	5554	2.58	cps
Ytterbium	172-2	2311	2056	2161	2176	5.90	cps
Ytterbium	176-1	5960	5118	5726	5601	7.76	cps
Ytterbium	176-2	7730	8169	8870	8256	6.96	cps
Yttrium	89-1	28198311	27350796	27081740	27543616	2.12	cps
Yttrium	89-2	2546927	2415321	2590407	2517552	3.62	cps
Zinc	66-2	470731	475844	468732	471769	0.78	cps
Zirconium	90-1	35453	34488	38260	36067	5.43	cps
Zirconium	91-1	8254	7953	7870	8025	2.52	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A11105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:50:28	DataFile Name :	232AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	391734	394594	390322	392217	0.55	cps
Antimony	121-1	4851	4618	4893	4787	3.10	cps
Arsenic	75-2	6227	6077	6000	6101	1.89	cps
Barium	135-1	170682	169256	172720	170886	1.02	cps
Barium	137-1	304686	298996	288657	297446	2.73	cps
Beryllium	9-1	4202	4424	4196	4274	3.04	cps
Bismuth	209-1	10170331	10194625	9882342	10082433	1.72	cps
Bismuth	209-2	4297772	4385429	4209446	4297549	2.05	cps
Boron	10-1	8777	8805	8489	8690	2.01	cps
Boron	11-1	39873	39015	38515	39134	1.75	cps
Bromine	81-1	70897	73383	73597	72626	2.07	cps
Cadmium	111-1	2390	2163	2447	2334	6.43	cps
Cadmium	106-1	7986	7094	8011	7697	6.79	cps
Cadmium	108-1	171	246	192	203	19.09	cps
Calcium	43-1	269033	268092	260956	266027	1.66	cps
Calcium	44-1	4314535	4292965	4313905	4307135	0.29	cps
Carbon	12-1	12016273	12130560	11762720	11969851	1.57	cps
Carbon	12-2	109608	106512	109691	108604	1.67	cps
Chlorine	35-1	499350	481123	497979	492817	2.06	cps
Chlorine	35-2	2875	2934	3175	2995	5.31	cps
Chromium	52-2	23643	22865	23266	23258	1.67	cps
Cobalt	59-2	27477	27463	27200	27380	0.57	cps
Copper	63-2	183969	180548	177103	180540	1.90	cps
Dysprosium	156-1	6460	6694	6627	6594	1.82	cps
Dysprosium	156-2	2307	2170	2217	2231	3.11	cps
Erbium	164-1	6502	6185	7564	6750	10.70	cps
Erbium	164-2	2100	1967	2180	2082	5.18	cps
Gadolinium	160-1	6994	6735	6552	6760	3.28	cps
Gadolinium	160-2	2720	2767	2654	2714	2.10	cps
Holmium	165-1	18271783	17998494	17466151	17912143	2.29	cps
Holmium	165-2	6096056	6118277	6263907	6159413	1.48	cps
Indium	115-1	16810407	16365562	16143977	16439982	2.06	cps
Indium	115-2	2047335	2122488	2148329	2106051	2.49	cps
Iron	54-2	1624698	1634090	1585779	1614855	1.59	cps
Iron	56-2	29349635	30185949	29851726	29795770	1.41	cps
Iron	57-2	713233	725722	725175	721377	0.98	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A11105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:50:28	DataFile Name :	232AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14152	14099	14700	14317	2.32	cps
Lead	206-1	502964	487906	468626	486499	3.54	cps
Lead	207-1	421096	423038	418704	420946	0.52	cps
Lead	208-1	1957305	1936907	1898169	1930793	1.56	cps
Lithium	6-1	9336638	9311431	9445459	9364509	0.76	cps
Magnesium	24-2	244560	248271	243545	245459	1.01	cps
Manganese	55-2	249040	243384	245863	246096	1.15	cps
Molybdenum	94-1	34711	35196	35414	35107	1.02	cps
Molybdenum	95-1	14833	13924	14717	14491	3.41	cps
Molybdenum	96-1	23154	21726	23079	22653	3.55	cps
Molybdenum	97-1	8878	9403	8711	8998	4.01	cps
Molybdenum	98-1	22010	22319	22502	22277	1.12	cps
Neodymium	150-1	7682	8210	7849	7914	3.41	cps
Neodymium	150-2	2047	1977	1867	1964	4.62	cps
Nickel	60-2	18342	17845	18362	18183	1.61	cps
Phosphorus	31-2	617	525	783	642	20.41	cps
Potassium	39-2	188265	177833	174175	180091	4.06	cps
Rhodium	103-1	16086826	15528751	15988925	15868167	1.88	cps
Rhodium	103-2	5605238	5709940	5630232	5648470	0.97	cps
Scandium	45-1	13591804	12977701	13334744	13301416	2.32	cps
Scandium	45-2	331308	333945	330772	332008	0.51	cps
Selenium	82-1	2756	2883	2508	2716	7.03	cps
Selenium	77-2	57	103	63	74	33.90	cps
Selenium	78-2	380	409	377	389	4.55	cps
Silicon	28-1	8513750	11890189	9662570	10022169	17.13	cps
Silver	107-1	1333	1033	1267	1211	13.01	cps
Silver	109-1	1200	992	1008	1067	10.86	cps
Sodium	23-2	170239	169655	165336	168410	1.59	cps
Strontium	86-1	184479	175032	182715	180742	2.78	cps
Strontium	88-1	1400672	1339065	1354163	1364633	2.35	cps
Sulfur	34-1	703206	698236	698655	700032	0.39	cps
Terbium	159-1	19086760	18052085	18133355	18424067	3.12	cps
Terbium	159-2	6078614	6093761	6160295	6110890	0.71	cps
Thallium	203-1	3267	3501	3201	3323	4.74	cps
Thallium	205-1	7794	7786	7652	7744	1.03	cps
Tin	118-1	6161	8587	5827	6858	21.96	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-04DLX5	Instrumnet Name :	P8
Client Sample ID :	A11105DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:50:28	DataFile Name :	232AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	94005	51940	54048	66664	35.55	cps
Uranium	238-1	14595	14442	13933	14323	2.42	cps
Vanadium	51-2	22565	22895	23346	22935	1.71	cps
Ytterbium	172-1	2509	2050	2325	2295	10.05	cps
Ytterbium	172-2	972	939	817	909	9.01	cps
Ytterbium	176-1	4309	3826	3551	3895	9.86	cps
Ytterbium	176-2	6874	7536	7563	7324	5.33	cps
Yttrium	89-1	27831295	27565709	27682300	27693102	0.48	cps
Yttrium	89-2	2508058	2562608	2508990	2526552	1.24	cps
Zinc	66-2	48928	49102	46824	48284	2.63	cps
Zirconium	90-1	80341	90977	70665	80661	12.60	cps
Zirconium	91-1	16285	16444	16263	16331	0.60	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A03015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:53:26	DataFile Name :	233AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1806631	1947781	1843696	1866036	3.92	cps
Antimony	121-1	958	783	767	836	12.70	cps
Arsenic	75-2	1737	1873	1854	1822	4.04	cps
Barium	135-1	301398	297337	297608	298781	0.76	cps
Barium	137-1	527811	506447	498667	510975	2.95	cps
Beryllium	9-1	7054	7168	7318	7180	1.84	cps
Bismuth	209-1	10221284	9596267	10475794	10097782	4.48	cps
Bismuth	209-2	4265879	4309284	3654511	4076558	8.98	cps
Boron	10-1	8555	8965	8343	8621	3.67	cps
Boron	11-1	40100	39599	38492	39397	2.09	cps
Bromine	81-1	80975	74197	76303	77158	4.50	cps
Cadmium	111-1	1912	1828	1902	1881	2.43	cps
Cadmium	106-1	7994	7778	7836	7869	1.43	cps
Cadmium	108-1	238	242	213	231	6.84	cps
Calcium	43-1	141540	141986	140667	141398	0.47	cps
Calcium	44-1	2319739	2330633	2251333	2300568	1.87	cps
Carbon	12-1	7962922	7737009	7752594	7817508	1.61	cps
Carbon	12-2	70554	69523	71266	70448	1.24	cps
Chlorine	35-1	468112	465884	457373	463790	1.22	cps
Chlorine	35-2	2917	2917	2792	2875	2.51	cps
Chromium	52-2	60688	60223	58797	59903	1.64	cps
Cobalt	59-2	117088	114760	115678	115842	1.01	cps
Copper	63-2	135504	135852	134834	135397	0.38	cps
Dysprosium	156-1	62816	63722	61758	62765	1.57	cps
Dysprosium	156-2	19778	19992	20710	20160	2.42	cps
Erbium	164-1	48724	47595	49995	48771	2.46	cps
Erbium	164-2	16637	17126	17278	17014	1.97	cps
Gadolinium	160-1	60522	58221	57877	58873	2.44	cps
Gadolinium	160-2	22666	22936	22723	22775	0.63	cps
Holmium	165-1	17295096	16365707	17397906	17019570	3.34	cps
Holmium	165-2	6130080	6150067	5534205	5938117	5.89	cps
Indium	115-1	15815324	15877024	15763285	15818544	0.36	cps
Indium	115-2	2072924	2041298	1793820	1969347	7.76	cps
Iron	54-2	4828762	4820534	4780531	4809942	0.54	cps
Iron	56-2	85981049	87318646	84497255	85932317	1.64	cps
Iron	57-2	2177997	2233134	2206134	2205755	1.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A03015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:53:26	DataFile Name :	233AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13821	13749	13514	13695	1.17	cps
Lead	206-1	87982	89695	85672	87783	2.30	cps
Lead	207-1	71559	73146	72449	72385	1.10	cps
Lead	208-1	349061	344112	341653	344942	1.09	cps
Lithium	6-1	9148366	8725780	8732572	8868906	2.73	cps
Magnesium	24-2	1513800	1537748	1558247	1536599	1.45	cps
Manganese	55-2	4338782	4218379	4194128	4250430	1.82	cps
Molybdenum	94-1	54697	57163	59606	57155	4.29	cps
Molybdenum	95-1	4818	4693	4284	4598	6.07	cps
Molybdenum	96-1	19264	20687	20263	20071	3.64	cps
Molybdenum	97-1	2334	2292	2467	2364	3.87	cps
Molybdenum	98-1	6085	5693	5810	5863	3.43	cps
Neodymium	150-1	100602	93968	91284	95284	5.03	cps
Neodymium	150-2	24596	24763	24339	24566	0.87	cps
Nickel	60-2	71855	70910	70468	71077	1.00	cps
Phosphorus	31-2	3067	2584	2867	2839	8.56	cps
Potassium	39-2	451868	444942	425229	440680	3.14	cps
Rhodium	103-1	15690700	14996075	14929683	15205486	2.77	cps
Rhodium	103-2	5558051	5403291	4869105	5276816	6.85	cps
Scandium	45-1	13020324	13193877	13002865	13072355	0.81	cps
Scandium	45-2	320800	326764	278610	308724	8.50	cps
Selenium	82-1	368	405	433	402	8.12	cps
Selenium	77-2	150	190	157	166	12.94	cps
Selenium	78-2	238	201	230	223	8.73	cps
Silicon	28-1	32452935	25995743	33352484	30600387	13.11	cps
Silver	107-1	683	767	617	689	10.91	cps
Silver	109-1	675	533	567	592	12.52	cps
Sodium	23-2	82435	76348	73011	77265	6.18	cps
Strontium	86-1	96577	97960	95764	96767	1.15	cps
Strontium	88-1	665858	656997	651268	658041	1.12	cps
Sulfur	34-1	367831	362910	357576	362772	1.41	cps
Terbium	159-1	19041991	17272571	17645211	17986591	5.19	cps
Terbium	159-2	5983339	6098213	5176533	5752695	8.73	cps
Thallium	203-1	1550	1500	1392	1481	5.47	cps
Thallium	205-1	3751	3792	4051	3865	4.21	cps
Tin	118-1	21977	20608	21635	21407	3.33	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-05DLX5	Instrumnet Name :	P8
Client Sample ID :	A03015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:53:26	DataFile Name :	233AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	157401	146637	248552	184197	30.40	cps
Uranium	238-1	44076	43526	44137	43913	0.77	cps
Vanadium	51-2	26121	26321	26298	26247	0.42	cps
Ytterbium	172-1	13190	13549	14236	13658	3.89	cps
Ytterbium	172-2	5763	5479	5446	5562	3.13	cps
Ytterbium	176-1	10713	10721	10521	10652	1.06	cps
Ytterbium	176-2	10322	10171	9637	10043	3.58	cps
Yttrium	89-1	28569519	27281224	27559789	27803510	2.44	cps
Yttrium	89-2	2526602	2521175	2244612	2430796	6.63	cps
Zinc	66-2	50627	49808	50353	50263	0.83	cps
Zirconium	90-1	163935	174829	162002	166922	4.14	cps
Zirconium	91-1	31141	32459	32169	31923	2.17	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A02015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:56:22	DataFile Name :	234AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2007759	1964884	2042094	2004912	1.93	cps
Antimony	121-1	458	625	458	514	18.73	cps
Arsenic	75-2	1684	1573	1658	1639	3.54	cps
Barium	135-1	305595	306288	309233	307039	0.63	cps
Barium	137-1	556143	535000	540444	543863	2.02	cps
Beryllium	9-1	5908	6074	5864	5949	1.86	cps
Bismuth	209-1	10678374	9866158	10177895	10240809	4.00	cps
Bismuth	209-2	4362524	4371000	4395738	4376421	0.39	cps
Boron	10-1	6578	6686	6674	6646	0.89	cps
Boron	11-1	31017	30827	29420	30421	2.87	cps
Bromine	81-1	72618	77430	77399	75816	3.65	cps
Cadmium	111-1	1968	1970	1821	1920	4.44	cps
Cadmium	106-1	7744	7477	7069	7430	4.58	cps
Cadmium	108-1	163	150	233	182	24.70	cps
Calcium	43-1	137499	136116	135028	136214	0.91	cps
Calcium	44-1	2252526	2233120	2206305	2230650	1.04	cps
Carbon	12-1	8006375	8095633	7633069	7911692	3.10	cps
Carbon	12-2	73535	72874	73468	73292	0.50	cps
Chlorine	35-1	476532	475505	467634	473223	1.03	cps
Chlorine	35-2	2659	2917	3017	2864	6.46	cps
Chromium	52-2	76084	75485	76068	75879	0.45	cps
Cobalt	59-2	121794	119932	120413	120713	0.80	cps
Copper	63-2	150356	150198	148661	149738	0.63	cps
Dysprosium	156-1	78508	77033	77276	77606	1.02	cps
Dysprosium	156-2	25875	26755	24907	25846	3.58	cps
Erbium	164-1	56639	56396	57149	56728	0.68	cps
Erbium	164-2	18853	38896	18683	25478	45.61	cps
Gadolinium	160-1	68519	69818	70773	69703	1.62	cps
Gadolinium	160-2	27048	27522	27475	27348	0.96	cps
Holmium	165-1	17207188	17737180	17410894	17451754	1.53	cps
Holmium	165-2	6060535	6067831	6073262	6067209	0.11	cps
Indium	115-1	16398517	16300377	16567818	16422237	0.82	cps
Indium	115-2	2090248	2112806	2051026	2084694	1.50	cps
Iron	54-2	4977841	5094408	5023046	5031765	1.17	cps
Iron	56-2	89325674	90598610	88556952	89493746	1.15	cps
Iron	57-2	2328974	2323512	2279188	2310558	1.18	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A02015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:56:22	DataFile Name :	234AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14168	14229	13728	14042	1.95	cps
Lead	206-1	115205	118962	113244	115804	2.51	cps
Lead	207-1	95881	96353	98289	96841	1.32	cps
Lead	208-1	462763	463335	457654	461250	0.68	cps
Lithium	6-1	9199156	8990101	9128449	9105902	1.17	cps
Magnesium	24-2	1807040	1718691	1709352	1745028	3.09	cps
Manganese	55-2	2750738	2751465	2645091	2715765	2.25	cps
Molybdenum	94-1	30760	30722	26935	29472	7.46	cps
Molybdenum	95-1	1367	1308	1725	1467	15.38	cps
Molybdenum	96-1	11330	11897	12390	11872	4.47	cps
Molybdenum	97-1	700	867	767	778	10.79	cps
Molybdenum	98-1	1717	1542	1225	1495	16.68	cps
Neodymium	150-1	131984	127866	129266	129705	1.61	cps
Neodymium	150-2	33733	33569	32871	33391	1.37	cps
Nickel	60-2	65193	65548	65219	65320	0.30	cps
Phosphorus	31-2	2625	2609	2767	2667	3.26	cps
Potassium	39-2	429781	434020	433211	432337	0.52	cps
Rhodium	103-1	15641954	15701791	15414418	15586054	0.97	cps
Rhodium	103-2	5445263	5668161	5541020	5551481	2.01	cps
Scandium	45-1	13498318	13283994	13355796	13379369	0.82	cps
Scandium	45-2	324329	328119	330204	327551	0.91	cps
Selenium	82-1	270	106	108	161	58.41	cps
Selenium	77-2	163	147	183	164	11.16	cps
Selenium	78-2	235	233	205	224	7.48	cps
Silicon	28-1	19168689	25345304	20879093	21797695	14.63	cps
Silver	107-1	908	608	617	711	24.03	cps
Silver	109-1	450	508	508	489	6.89	cps
Sodium	23-2	73938	73528	72308	73258	1.16	cps
Strontium	86-1	93002	94904	89428	92444	3.01	cps
Strontium	88-1	600172	635479	606225	613959	3.08	cps
Sulfur	34-1	318061	320765	319509	319445	0.42	cps
Terbium	159-1	18200391	18273900	18484726	18319672	0.81	cps
Terbium	159-2	6239275	6220570	6178562	6212802	0.50	cps
Thallium	203-1	1825	1592	1608	1675	7.77	cps
Thallium	205-1	4142	3684	3742	3856	6.47	cps
Tin	118-1	5328	5420	4334	5028	11.97	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-07DLX5	Instrumnet Name :	P8
Client Sample ID :	A02015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:56:22	DataFile Name :	234AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	96130	94390	99222	96581	2.53	cps
Uranium	238-1	36203	36379	35184	35922	1.80	cps
Vanadium	51-2	15871	14321	14451	14881	5.78	cps
Ytterbium	172-1	14175	14859	14617	14550	2.38	cps
Ytterbium	172-2	5624	5801	5807	5744	1.82	cps
Ytterbium	176-1	12493	11447	11097	11679	6.22	cps
Ytterbium	176-2	10237	10560	10799	10532	2.68	cps
Yttrium	89-1	29150048	29120415	28911965	29060810	0.45	cps
Yttrium	89-2	2663818	2646988	2528183	2612996	2.83	cps
Zinc	66-2	56385	55107	56927	56140	1.67	cps
Zirconium	90-1	66102	73578	70099	69927	5.35	cps
Zirconium	91-1	15540	13852	14471	14621	5.84	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP0331DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:59:17	DataFile Name :	235AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	699691	704703	698657	701017	0.46	cps
Antimony	121-1	967	850	733	850	13.73	cps
Arsenic	75-2	495	467	458	473	4.08	cps
Barium	135-1	573783	574074	574292	574049	0.04	cps
Barium	137-1	1001320	1017036	975556	997971	2.10	cps
Beryllium	9-1	11754	11744	11616	11705	0.66	cps
Bismuth	209-1	10338239	10070165	10042978	10150461	1.61	cps
Bismuth	209-2	4266333	4174517	4256379	4232409	1.19	cps
Boron	10-1	5462	5578	5288	5443	2.68	cps
Boron	11-1	25041	25009	24306	24785	1.68	cps
Bromine	81-1	75344	78173	75424	76314	2.11	cps
Cadmium	111-1	22551	22736	21525	22271	2.93	cps
Cadmium	106-1	9687	9504	8670	9287	5.84	cps
Cadmium	108-1	1600	1408	1638	1549	7.94	cps
Calcium	43-1	336288	333344	324903	331512	1.78	cps
Calcium	44-1	5340423	5507354	5275030	5374269	2.23	cps
Carbon	12-1	8313379	8330868	8565566	8403271	1.68	cps
Carbon	12-2	75547	75118	74951	75205	0.41	cps
Chlorine	35-1	461563	460977	436913	453151	3.10	cps
Chlorine	35-2	2617	2625	2709	2650	1.91	cps
Chromium	52-2	71223	70359	71073	70885	0.65	cps
Cobalt	59-2	106956	104468	106658	106027	1.28	cps
Copper	63-2	999689	973735	997427	990284	1.45	cps
Dysprosium	156-1	23597	23914	22870	23460	2.28	cps
Dysprosium	156-2	8256	7629	8053	7979	4.01	cps
Erbium	164-1	20959	22002	20867	21276	2.96	cps
Erbium	164-2	6972	7139	6975	7029	1.36	cps
Gadolinium	160-1	22753	22136	22027	22305	1.76	cps
Gadolinium	160-2	8903	8513	8463	8626	2.79	cps
Holmium	165-1	17518679	17345977	17012473	17292376	1.49	cps
Holmium	165-2	6193586	6292742	5977893	6154740	2.62	cps
Indium	115-1	16850093	16560914	15890291	16433766	3.00	cps
Indium	115-2	2087598	2081747	2055630	2074992	0.82	cps
Iron	54-2	1562140	1613731	1572528	1582800	1.72	cps
Iron	56-2	27279395	28173772	27689062	27714077	1.62	cps
Iron	57-2	699344	693852	686964	693387	0.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP0331DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:59:17	DataFile Name :	235AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	15465	15047	14833	15115	2.13	cps
Lead	206-1	2345508	2377722	2419669	2380966	1.56	cps
Lead	207-1	1970380	2070633	1951258	1997424	3.21	cps
Lead	208-1	9179540	9520794	9170204	9290179	2.15	cps
Lithium	6-1	9169744	8718748	8999334	8962609	2.54	cps
Magnesium	24-2	654435	665773	665840	662016	0.99	cps
Manganese	55-2	1671753	1752230	1672601	1698861	2.72	cps
Molybdenum	94-1	7402	6794	6794	6997	5.02	cps
Molybdenum	95-1	2867	2767	2742	2792	2.37	cps
Molybdenum	96-1	6110	6536	5618	6088	7.55	cps
Molybdenum	97-1	1592	1884	1358	1611	16.33	cps
Molybdenum	98-1	4059	4209	3934	4067	3.39	cps
Neodymium	150-1	37259	36791	34432	36160	4.19	cps
Neodymium	150-2	9617	8890	9026	9178	4.21	cps
Nickel	60-2	110583	112093	109852	110842	1.03	cps
Phosphorus	31-2	300	308	258	289	9.27	cps
Potassium	39-2	173296	171572	174331	173066	0.81	cps
Rhodium	103-1	15613576	15520552	15029194	15387774	2.04	cps
Rhodium	103-2	5481756	5517042	5695395	5564731	2.06	cps
Scandium	45-1	12819768	13328989	12852132	13000296	2.19	cps
Scandium	45-2	322031	323023	325781	323612	0.60	cps
Selenium	82-1	6	-176	111	-20	-743.12	cps
Selenium	77-2	37	67	67	57	30.56	cps
Selenium	78-2	169	161	146	159	7.36	cps
Silicon	28-1	3065614	3769897	4289170	3708227	16.56	cps
Silver	107-1	4126	4251	4359	4245	2.75	cps
Silver	109-1	3526	4209	4134	3956	9.48	cps
Sodium	23-2	85376	88343	85610	86443	1.91	cps
Strontium	86-1	185673	191556	182796	186675	2.39	cps
Strontium	88-1	1441376	1403486	1441784	1428882	1.54	cps
Sulfur	34-1	343321	346139	352532	347331	1.36	cps
Terbium	159-1	17979991	17950707	18066628	17999108	0.33	cps
Terbium	159-2	6236647	6165295	6013285	6138409	1.86	cps
Thallium	203-1	1583	1567	1525	1558	1.93	cps
Thallium	205-1	3592	3684	3626	3634	1.28	cps
Tin	118-1	5776	5535	5068	5460	6.60	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-08DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP0331DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 01:59:17	DataFile Name :	235AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11907	14196	11545	12550	11.46	cps
Uranium	238-1	14033	13750	13241	13674	2.94	cps
Vanadium	51-2	3430	3564	3420	3472	2.31	cps
Ytterbium	172-1	6302	6719	6268	6430	3.90	cps
Ytterbium	172-2	2673	2545	2806	2674	4.88	cps
Ytterbium	176-1	6335	5985	6035	6118	3.10	cps
Ytterbium	176-2	8003	7903	8319	8075	2.70	cps
Yttrium	89-1	27861391	27652170	27926112	27813225	0.51	cps
Yttrium	89-2	2508657	2525303	2604290	2546084	2.01	cps
Zinc	66-2	324245	327012	323404	324887	0.58	cps
Zirconium	90-1	15618	14441	15685	15248	4.59	cps
Zirconium	91-1	2984	3100	3617	3234	10.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-09DLX5	Instrumnet Name :	P8
Client Sample ID :	A02145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:02:14	DataFile Name :	236AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1532754	1519272	1486781	1512936	1.56	cps
Antimony	121-1	733	808	558	700	18.33	cps
Arsenic	75-2	1710	1741	1727	1726	0.90	cps
Barium	135-1	388993	390190	386668	388617	0.46	cps
Barium	137-1	696349	692898	680045	689764	1.25	cps
Beryllium	9-1	4508	4266	4354	4376	2.80	cps
Bismuth	209-1	10124167	10887052	9861253	10290824	5.18	cps
Bismuth	209-2	4193795	4278968	4180982	4217915	1.26	cps
Boron	10-1	5868	5706	6042	5872	2.86	cps
Boron	11-1	26465	26539	25544	26183	2.12	cps
Bromine	81-1	72587	72514	72236	72445	0.26	cps
Cadmium	111-1	1651	1758	1806	1738	4.57	cps
Cadmium	106-1	7102	7436	7469	7335	2.77	cps
Cadmium	108-1	296	208	221	242	19.58	cps
Calcium	43-1	91275	90452	88975	90234	1.29	cps
Calcium	44-1	1523769	1476666	1442793	1481076	2.75	cps
Carbon	12-1	7971788	7916898	7906690	7931792	0.44	cps
Carbon	12-2	73300	71031	72186	72172	1.57	cps
Chlorine	35-1	464169	454527	439124	452607	2.79	cps
Chlorine	35-2	2709	2700	2875	2761	3.58	cps
Chromium	52-2	33363	33094	30640	32365	4.64	cps
Cobalt	59-2	107037	107299	106334	106890	0.47	cps
Copper	63-2	88847	87883	88237	88322	0.55	cps
Dysprosium	156-1	64182	65412	61920	63838	2.77	cps
Dysprosium	156-2	20476	19822	20082	20126	1.64	cps
Erbium	164-1	43907	43765	44358	44010	0.70	cps
Erbium	164-2	14985	15401	14535	14974	2.89	cps
Gadolinium	160-1	56956	55324	55860	56047	1.48	cps
Gadolinium	160-2	22376	21791	21164	21777	2.78	cps
Holmium	165-1	17846268	17755538	17569180	17723662	0.80	cps
Holmium	165-2	6041952	6023444	5972795	6012730	0.60	cps
Indium	115-1	16497143	16551521	16060174	16369612	1.65	cps
Indium	115-2	2058540	2075735	2128717	2087664	1.75	cps
Iron	54-2	2180862	2201296	2185776	2189311	0.49	cps
Iron	56-2	40382369	38938040	39896306	39738905	1.85	cps
Iron	57-2	985803	958702	942937	962481	2.25	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-09DLX5	Instrumnet Name :	P8
Client Sample ID :	A02145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:02:14	DataFile Name :	236AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14095	14189	13931	14072	0.93	cps
Lead	206-1	71822	74207	73835	73288	1.75	cps
Lead	207-1	62395	60565	58779	60580	2.99	cps
Lead	208-1	285960	288770	279081	284604	1.75	cps
Lithium	6-1	9310512	9471532	8921188	9234411	3.06	cps
Magnesium	24-2	1651985	1598784	1604411	1618393	1.81	cps
Manganese	55-2	2295623	2301342	2303459	2300141	0.18	cps
Molybdenum	94-1	54978	56225	87297	66167	27.67	cps
Molybdenum	95-1	2184	2159	2042	2128	3.55	cps
Molybdenum	96-1	15679	14767	14066	14837	5.45	cps
Molybdenum	97-1	1183	983	1100	1089	9.23	cps
Molybdenum	98-1	2984	2759	2759	2834	4.59	cps
Neodymium	150-1	110518	109834	111604	110652	0.81	cps
Neodymium	150-2	28210	27699	27468	27792	1.37	cps
Nickel	60-2	52892	54066	53872	53610	1.17	cps
Phosphorus	31-2	2309	2400	2259	2322	3.09	cps
Potassium	39-2	403333	397277	404506	401705	0.97	cps
Rhodium	103-1	15327264	15383147	15192649	15301020	0.64	cps
Rhodium	103-2	5505052	5468804	5608494	5527450	1.31	cps
Scandium	45-1	13386489	12901464	12942544	13076833	2.06	cps
Scandium	45-2	322545	322206	323124	322625	0.14	cps
Selenium	82-1	224	118	69	137	57.99	cps
Selenium	77-2	107	140	133	127	13.92	cps
Selenium	78-2	207	230	189	209	9.85	cps
Silicon	28-1	23598302	23028800	27957075	24861392	10.84	cps
Silver	107-1	575	617	583	592	3.73	cps
Silver	109-1	475	442	275	397	26.98	cps
Sodium	23-2	69993	78176	67939	72036	7.52	cps
Strontium	86-1	83626	76537	76158	78774	5.34	cps
Strontium	88-1	501687	487675	503640	497668	1.75	cps
Sulfur	34-1	321674	317064	314929	317889	1.08	cps
Terbium	159-1	18192376	18551363	17794876	18179539	2.08	cps
Terbium	159-2	6008284	6197723	5867552	6024520	2.75	cps
Thallium	203-1	1358	1500	1567	1475	7.21	cps
Thallium	205-1	3376	3526	3484	3462	2.24	cps
Tin	118-1	20624	21067	20875	20856	1.06	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-09DLX5	Instrumnet Name :	P8
Client Sample ID :	A02145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:02:14	DataFile Name :	236AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	143907	187112	139761	156927	16.71	cps
Uranium	238-1	21703	22087	20835	21541	2.98	cps
Vanadium	51-2	21360	20014	20558	20644	3.28	cps
Ytterbium	172-1	12391	11914	11213	11840	5.00	cps
Ytterbium	172-2	4568	4773	4556	4632	2.63	cps
Ytterbium	176-1	10680	11153	9178	10337	9.97	cps
Ytterbium	176-2	9954	9504	9604	9687	2.44	cps
Yttrium	89-1	29042486	28132276	28761424	28645395	1.63	cps
Yttrium	89-2	2514500	2478910	2583283	2525564	2.10	cps
Zinc	66-2	48423	49018	46583	48008	2.64	cps
Zirconium	90-1	150274	197175	168361	171937	13.76	cps
Zirconium	91-1	46340	35616	33528	38495	17.86	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-10DLX5	Instrumnet Name :	P8
Client Sample ID :	A04015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:05:09	DataFile Name :	237AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1589277	1667569	1571048	1609298	3.19	cps
Antimony	121-1	608	708	567	628	11.60	cps
Arsenic	75-2	2010	2046	1999	2019	1.22	cps
Barium	135-1	285397	286166	278963	283509	1.40	cps
Barium	137-1	507171	485775	478343	490430	3.05	cps
Beryllium	9-1	4726	5070	4786	4861	3.78	cps
Bismuth	209-1	9929854	10139255	9873136	9980749	1.40	cps
Bismuth	209-2	3599418	4106513	4057313	3921081	7.13	cps
Boron	10-1	5412	5596	5370	5459	2.20	cps
Boron	11-1	25161	24967	23929	24686	2.68	cps
Bromine	81-1	70817	71460	77932	73403	5.36	cps
Cadmium	111-1	1651	1757	1713	1707	3.10	cps
Cadmium	106-1	7519	7294	7819	7544	3.49	cps
Cadmium	108-1	242	229	263	244	6.89	cps
Calcium	43-1	146853	145329	140779	144320	2.19	cps
Calcium	44-1	2311413	2391524	2364895	2355944	1.73	cps
Carbon	12-1	7751333	7860015	7788466	7799938	0.71	cps
Carbon	12-2	71659	70511	69197	70456	1.75	cps
Chlorine	35-1	434171	418728	415851	422917	2.33	cps
Chlorine	35-2	2592	2900	2434	2642	8.98	cps
Chromium	52-2	40411	39505	39287	39734	1.50	cps
Cobalt	59-2	100244	101386	96808	99479	2.40	cps
Copper	63-2	98403	100880	96967	98750	2.00	cps
Dysprosium	156-1	64231	66527	66365	65708	1.95	cps
Dysprosium	156-2	21097	20690	20516	20767	1.44	cps
Erbium	164-1	46182	45880	44258	45440	2.28	cps
Erbium	164-2	15613	14922	14842	15125	2.80	cps
Gadolinium	160-1	58790	57082	56973	57615	1.77	cps
Gadolinium	160-2	23661	22423	21922	22668	3.95	cps
Holmium	165-1	17769122	16971631	16963799	17234851	2.68	cps
Holmium	165-2	5192369	6002257	5976119	5723582	8.04	cps
Indium	115-1	16246720	16224560	15971937	16147739	0.95	cps
Indium	115-2	1715023	2044863	2012898	1924261	9.45	cps
Iron	54-2	2432870	2392931	2282798	2369533	3.28	cps
Iron	56-2	41866304	41895109	40322808	41361407	2.17	cps
Iron	57-2	1021689	1017246	1007261	1015399	0.73	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-10DLX5	Instrumnet Name :	P8
Client Sample ID :	A04015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:05:09	DataFile Name :	237AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14048	13921	14087	14019	0.62	cps
Lead	206-1	63997	66305	65114	65139	1.77	cps
Lead	207-1	56261	53226	53406	54298	3.14	cps
Lead	208-1	261230	258005	247857	255697	2.73	cps
Lithium	6-1	9271011	9384037	9122689	9259246	1.42	cps
Magnesium	24-2	1588858	1561233	1598198	1582763	1.21	cps
Manganese	55-2	2053073	1987310	1953756	1998046	2.53	cps
Molybdenum	94-1	71946	55722	55196	60955	15.62	cps
Molybdenum	95-1	2759	3184	2942	2962	7.20	cps
Molybdenum	96-1	17231	17238	14617	16362	9.24	cps
Molybdenum	97-1	1758	1742	1775	1758	0.95	cps
Molybdenum	98-1	4292	4401	4351	4348	1.25	cps
Neodymium	150-1	110272	118802	108351	112475	4.95	cps
Neodymium	150-2	30448	28614	27866	28976	4.59	cps
Nickel	60-2	54889	53350	52677	53639	2.11	cps
Phosphorus	31-2	2792	2309	2234	2445	12.40	cps
Potassium	39-2	417128	446875	421875	428626	3.73	cps
Rhodium	103-1	15409130	15070426	14893346	15124301	1.73	cps
Rhodium	103-2	4628004	5369091	5294809	5097301	8.01	cps
Scandium	45-1	13131016	13258858	13009251	13133042	0.95	cps
Scandium	45-2	279486	313784	314996	302756	6.66	cps
Selenium	82-1	24	-144	-259	-126	-112.52	cps
Selenium	77-2	183	160	160	168	8.03	cps
Selenium	78-2	216	178	202	199	9.67	cps
Silicon	28-1	20205397	33101285	21303548	24870077	28.75	cps
Silver	107-1	592	525	650	589	10.62	cps
Silver	109-1	292	467	584	447	32.84	cps
Sodium	23-2	63888	62443	63917	63416	1.33	cps
Strontium	86-1	91161	88531	88228	89307	1.81	cps
Strontium	88-1	612701	624332	580658	605897	3.73	cps
Sulfur	34-1	331588	326685	322430	326901	1.40	cps
Terbium	159-1	18318379	18424472	18300863	18347905	0.36	cps
Terbium	159-2	5031147	6013084	5833646	5625959	9.29	cps
Thallium	203-1	1150	1283	1275	1236	6.04	cps
Thallium	205-1	3000	2950	2792	2914	3.73	cps
Tin	118-1	16627	18180	16869	17226	4.85	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-10DLX5	Instrumnet Name :	P8
Client Sample ID :	A04015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:05:09	DataFile Name :	237AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192986	196544	129317	172949	21.87	cps
Uranium	238-1	25811	25735	27019	26188	2.75	cps
Vanadium	51-2	21543	20746	20568	20952	2.48	cps
Ytterbium	172-1	12365	11389	11530	11761	4.48	cps
Ytterbium	172-2	4640	4901	4373	4638	5.69	cps
Ytterbium	176-1	10096	9520	9354	9657	4.03	cps
Ytterbium	176-2	8019	9287	9709	9005	9.77	cps
Yttrium	89-1	28168935	28810304	26930545	27969928	3.42	cps
Yttrium	89-2	2186467	2466891	2480508	2377955	6.98	cps
Zinc	66-2	48847	48119	49423	48796	1.34	cps
Zirconium	90-1	152563	183004	163594	166387	9.26	cps
Zirconium	91-1	42243	34328	37514	38028	10.47	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-11DLX5	Instrumnet Name :	P8
Client Sample ID :	A04100DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:08:05	DataFile Name :	238AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1944066	1874507	1841813	1886796	2.77	cps
Antimony	121-1	1667	1709	1292	1556	14.75	cps
Arsenic	75-2	3450	3533	3387	3456	2.12	cps
Barium	135-1	320180	326136	320640	322319	1.03	cps
Barium	137-1	576072	561550	563690	567104	1.38	cps
Beryllium	9-1	5442	5564	5422	5476	1.40	cps
Bismuth	209-1	9460197	9856464	9817864	9711509	2.25	cps
Bismuth	209-2	4215201	4250958	4255787	4240649	0.52	cps
Boron	10-1	5492	5576	5526	5531	0.77	cps
Boron	11-1	24734	23900	24953	24529	2.27	cps
Bromine	81-1	77941	73202	74568	75237	3.24	cps
Cadmium	111-1	1665	1800	1878	1781	6.08	cps
Cadmium	106-1	6510	7135	7536	7060	7.32	cps
Cadmium	108-1	208	258	279	249	14.64	cps
Calcium	43-1	136508	134283	134892	135228	0.85	cps
Calcium	44-1	2311761	2244254	2364398	2306804	2.61	cps
Carbon	12-1	7897864	7715518	7783358	7798913	1.18	cps
Carbon	12-2	72538	73703	74012	73418	1.06	cps
Chlorine	35-1	439095	438650	435747	437831	0.42	cps
Chlorine	35-2	2567	2792	2534	2631	5.34	cps
Chromium	52-2	50462	50556	50185	50401	0.38	cps
Cobalt	59-2	110694	108921	107642	109086	1.40	cps
Copper	63-2	121856	123094	121154	122035	0.80	cps
Dysprosium	156-1	69643	72012	69750	70469	1.90	cps
Dysprosium	156-2	23124	22376	22633	22711	1.67	cps
Erbium	164-1	52346	50850	53125	52107	2.22	cps
Erbium	164-2	17652	17625	17522	17600	0.39	cps
Gadolinium	160-1	65680	63771	65479	64977	1.61	cps
Gadolinium	160-2	24990	24412	24817	24740	1.20	cps
Holmium	165-1	16079576	16427532	16733089	16413399	1.99	cps
Holmium	165-2	6253138	6257590	6310049	6273592	0.50	cps
Indium	115-1	14785663	15929265	16633406	15782778	5.91	cps
Indium	115-2	2010346	2072571	2085856	2056258	1.96	cps
Iron	54-2	3038086	3051932	3026672	3038897	0.42	cps
Iron	56-2	52825121	53656011	53146165	53209099	0.79	cps
Iron	57-2	1403485	1305775	1284609	1331290	4.76	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-11DLX5	Instrumnet Name :	P8
Client Sample ID :	A04100DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:08:05	DataFile Name :	238AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13900	13936	13868	13901	0.25	cps
Lead	206-1	129798	128948	125889	128212	1.60	cps
Lead	207-1	109001	106793	106572	107455	1.25	cps
Lead	208-1	505933	495572	516746	506084	2.09	cps
Lithium	6-1	8198223	8968462	9123722	8763469	5.66	cps
Magnesium	24-2	1726284	1707294	1732673	1722084	0.77	cps
Manganese	55-2	2251023	2296350	2229173	2258849	1.52	cps
Molybdenum	94-1	71890	66983	71197	70023	3.79	cps
Molybdenum	95-1	2009	2109	2159	2092	3.65	cps
Molybdenum	96-1	16302	15944	16102	16116	1.11	cps
Molybdenum	97-1	1200	1075	1292	1189	9.15	cps
Molybdenum	98-1	2600	2667	2525	2598	2.73	cps
Neodymium	150-1	113964	110634	113236	112611	1.55	cps
Neodymium	150-2	31302	30595	29093	30330	3.72	cps
Nickel	60-2	59069	59102	57519	58564	1.54	cps
Phosphorus	31-2	2350	2859	2825	2678	10.62	cps
Potassium	39-2	468261	499287	467741	478430	3.78	cps
Rhodium	103-1	13579422	15068594	15181233	14609749	6.12	cps
Rhodium	103-2	5558926	5419183	5574678	5517596	1.55	cps
Scandium	45-1	12359738	12978374	13789763	13042625	5.50	cps
Scandium	45-2	323855	328454	326013	326107	0.71	cps
Selenium	82-1	191	-104	280	123	164.02	cps
Selenium	77-2	120	140	173	144	18.66	cps
Selenium	78-2	221	239	269	243	9.98	cps
Silicon	28-1	27629253	29495608	28428534	28517798	3.28	cps
Silver	107-1	608	608	467	561	14.58	cps
Silver	109-1	342	417	358	372	10.58	cps
Sodium	23-2	77619	69518	68899	72012	6.76	cps
Strontium	86-1	99117	99187	103699	100668	2.61	cps
Strontium	88-1	703227	690458	706316	700000	1.20	cps
Sulfur	34-1	308689	320480	313707	314292	1.88	cps
Terbium	159-1	16483917	18509931	18536095	17843314	6.60	cps
Terbium	159-2	6295426	6175259	6413366	6294684	1.89	cps
Thallium	203-1	1558	1650	1583	1597	2.97	cps
Thallium	205-1	3667	3767	3684	3706	1.45	cps
Tin	118-1	18863	19247	18463	18858	2.08	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-11DLX5	Instrumnet Name :	P8
Client Sample ID :	A04100DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:08:05	DataFile Name :	238AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	171979	209314	176177	185824	11.01	cps
Uranium	238-1	27606	27665	28363	27878	1.51	cps
Vanadium	51-2	27256	27560	26625	27147	1.76	cps
Ytterbium	172-1	13390	13382	12823	13199	2.46	cps
Ytterbium	172-2	5401	5368	5107	5292	3.05	cps
Ytterbium	176-1	10605	11615	10488	10902	5.68	cps
Ytterbium	176-2	9987	9987	10454	10143	2.66	cps
Yttrium	89-1	26545649	28074200	28959591	27859813	4.38	cps
Yttrium	89-2	2581252	2552121	2534193	2555855	0.93	cps
Zinc	66-2	56124	55258	54458	55280	1.51	cps
Zirconium	90-1	161866	196924	165544	174778	11.02	cps
Zirconium	91-1	34637	34054	50888	39860	23.97	cps

LB Number : LB119630 Operator : Jaswal
 Lab Sample ID : CCV97 Instrumnet Name : P8
 Client Sample ID : CCV97 Dilution Factor : 1
 Date & Time Acquired :: 2022-04-11 02:13:42 DataFile Name : 239CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4940775	4820596	4851138	4870837	1.28	cps
Antimony	121-1	5520947	5435314	5285506	5413922	2.20	cps
Arsenic	75-2	160328	156813	156063	157735	1.44	cps
Barium	135-1	7274376	7438075	7319679	7344043	1.15	cps
Barium	137-1	12534133	12651077	12292460	12492557	1.46	cps
Beryllium	9-1	2610378	2648295	2656300	2638324	0.93	cps
Bismuth	209-1	8773322	8601564	8614483	8663123	1.10	cps
Bismuth	209-2	3772779	3642684	3565002	3660155	2.87	cps
Boron	10-1	623488	652502	669355	648448	3.58	cps
Boron	11-1	2625218	2656825	2676412	2652818	0.97	cps
Bromine	81-1	64396	64209	61592	63399	2.47	cps
Cadmium	111-1	1596112	1534223	1575351	1568562	2.01	cps
Cadmium	106-1	193121	182772	190864	188919	2.88	cps
Cadmium	108-1	128451	129359	128598	128803	0.38	cps
Calcium	43-1	13393729	12874409	12787565	13018567	2.52	cps
Calcium	44-1	211498696	210970965	208701622	210390428	0.71	cps
Carbon	12-1	8747367	9020053	9328431	9031950	3.22	cps
Carbon	12-2	92197	94673	94303	93724	1.42	cps
Chlorine	35-1	435927	422292	418100	425440	2.19	cps
Chlorine	35-2	2225	2675	2734	2545	10.93	cps
Chromium	52-2	1604347	1592286	1555281	1583971	1.61	cps
Cobalt	59-2	2815687	2730205	2763473	2769788	1.56	cps
Copper	63-2	21573979	20962550	20952855	21163128	1.68	cps
Dysprosium	156-1	958	908	917	928	2.89	cps
Dysprosium	156-2	330	277	297	301	8.95	cps
Erbium	164-1	250	242	275	256	6.79	cps
Erbium	164-2	73	93	87	84	12.06	cps
Gadolinium	160-1	525	817	683	675	21.63	cps
Gadolinium	160-2	323	343	333	333	3.00	cps
Holmium	165-1	16286356	16264416	16594337	16381703	1.13	cps
Holmium	165-2	5848906	5723650	5643926	5738827	1.80	cps
Indium	115-1	14335101	14031808	14322277	14229729	1.21	cps
Indium	115-2	1839519	1863600	1823678	1842266	1.09	cps
Iron	54-2	17251986	16879745	16768812	16966847	1.49	cps
Iron	56-2	312387207	309689785	303919407	308665466	1.40	cps
Iron	57-2	7831485	7602532	7632751	7688923	1.62	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:13:42	DataFile Name :	239CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13193	12847	12854	12965	1.53	cps
Lead	206-1	20614757	19952162	19685846	20084255	2.38	cps
Lead	207-1	17762364	17403255	17824276	17663298	1.29	cps
Lead	208-1	81951556	80031877	81676918	81220117	1.28	cps
Lithium	6-1	8623761	8820412	8095025	8513066	4.41	cps
Magnesium	24-2	65429847	62411962	64953035	64264948	2.52	cps
Manganese	55-2	8723048	8684783	8486335	8631389	1.47	cps
Molybdenum	94-1	22708992	23220244	22705551	22878262	1.29	cps
Molybdenum	95-1	32228684	33514729	33200299	32981237	2.03	cps
Molybdenum	96-1	35547623	36679922	37039715	36422420	2.14	cps
Molybdenum	97-1	19789552	20148641	20296406	20078199	1.30	cps
Molybdenum	98-1	52771168	51412332	53354591	52512697	1.90	cps
Neodymium	150-1	553	587	620	587	5.68	cps
Neodymium	150-2	43	33	50	42	19.87	cps
Nickel	60-2	754467	751995	752172	752878	0.18	cps
Phosphorus	31-2	55532	53626	53960	54373	1.87	cps
Potassium	39-2	24233522	25096662	23682702	24337628	2.93	cps
Rhodium	103-1	13089313	12932652	12685279	12902415	1.58	cps
Rhodium	103-2	4854648	4747321	4586418	4729462	2.85	cps
Scandium	45-1	12825340	11992029	12058119	12291829	3.77	cps
Scandium	45-2	304723	299489	293248	299153	1.92	cps
Selenium	82-1	148237	145798	146537	146857	0.85	cps
Selenium	77-2	3597	3654	3524	3592	1.82	cps
Selenium	78-2	12528	12324	12395	12415	0.83	cps
Silicon	28-1	43630284	42051884	43463855	43048675	2.01	cps
Silver	107-1	8753807	8718741	8725510	8732686	0.21	cps
Silver	109-1	8154951	8191571	8365341	8237287	1.36	cps
Sodium	23-2	119269828	119873978	119952340	119698715	0.31	cps
Strontium	86-1	2462097	2448946	2383309	2431451	1.74	cps
Strontium	88-1	20252499	21436824	20639621	20776315	2.91	cps
Sulfur	34-1	1217660	1162719	1178011	1186130	2.39	cps
Terbium	159-1	17428873	17338083	16975833	17247596	1.39	cps
Terbium	159-2	5851073	5698150	5660467	5736563	1.76	cps
Thallium	203-1	4925441	5017417	4866864	4936574	1.54	cps
Thallium	205-1	11794760	11777652	11819763	11797392	0.18	cps
Tin	118-1	5265403	5331593	5193218	5263404	1.31	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:13:42	DataFile Name :	239CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11908820	11041196	11035573	11328530	4.44	cps
Uranium	238-1	16059394	16155642	15671185	15962074	1.61	cps
Vanadium	51-2	1292760	1238404	1226263	1252476	2.83	cps
Ytterbium	172-1	275	242	217	244	11.97	cps
Ytterbium	172-2	106	111	111	109	2.93	cps
Ytterbium	176-1	24098	23522	23881	23833	1.22	cps
Ytterbium	176-2	13924	14736	13763	14141	3.69	cps
Yttrium	89-1	25489518	25462891	24447437	25133282	2.36	cps
Yttrium	89-2	2360038	2247143	2179449	2262210	4.03	cps
Zinc	66-2	2667416	2531634	2564959	2588003	2.73	cps
Zirconium	90-1	12554315	12240432	12106320	12300356	1.87	cps
Zirconium	91-1	2734594	2802652	2776539	2771262	1.24	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:24:25	DataFile Name :	240CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189	192	185	189	1.99	cps
Antimony	121-1	1150	1400	1625	1392	17.07	cps
Arsenic	75-2	17	18	11	15	24.69	cps
Barium	135-1	167	150	75	131	37.40	cps
Barium	137-1	242	208	133	194	28.54	cps
Beryllium	9-1	84	88	86	86	2.33	cps
Bismuth	209-1	9442079	9396775	9009225	9282693	2.56	cps
Bismuth	209-2	3889727	4036478	4078601	4001602	2.48	cps
Boron	10-1	11112	10524	10744	10793	2.75	cps
Boron	11-1	49792	47739	46114	47882	3.85	cps
Bromine	81-1	68755	69974	68632	69120	1.07	cps
Cadmium	111-1	1342	1302	1300	1315	1.79	cps
Cadmium	106-1	6410	6393	6377	6393	0.26	cps
Cadmium	108-1	46	50	54	50	8.34	cps
Calcium	43-1	345	354	329	342	3.70	cps
Calcium	44-1	16964	16790	16055	16603	2.91	cps
Carbon	12-1	7204791	7065743	7086315	7118950	1.05	cps
Carbon	12-2	65195	67255	64761	65737	2.03	cps
Chlorine	35-1	400618	392134	389723	394158	1.45	cps
Chlorine	35-2	2425	2234	2392	2350	4.36	cps
Chromium	52-2	1317	1113	1230	1220	8.36	cps
Cobalt	59-2	103	107	93	101	6.87	cps
Copper	63-2	1033	1050	1080	1054	2.24	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	83	133	75	97	32.45	cps
Erbium	164-2	57	40	63	53	22.53	cps
Gadolinium	160-1	100	100	33	78	49.49	cps
Gadolinium	160-2	67	67	97	77	22.59	cps
Holmium	165-1	16793955	15988306	15944008	16242089	2.95	cps
Holmium	165-2	5774077	5594201	5639290	5669189	1.65	cps
Indium	115-1	15782297	15428899	15507591	15572929	1.19	cps
Indium	115-2	2029496	1957491	1992222	1993070	1.81	cps
Iron	54-2	2361	2461	2739	2521	7.77	cps
Iron	56-2	35289	38508	41410	38402	7.97	cps
Iron	57-2	933	1011	1006	983	4.41	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:24:25	DataFile Name :	240CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12378	12769	13366	12838	3.88	cps
Lead	206-1	1595	1433	1695	1574	8.37	cps
Lead	207-1	1300	1300	1345	1315	1.95	cps
Lead	208-1	5901	5890	6251	6014	3.42	cps
Lithium	6-1	9122084	8336466	8998980	8819177	4.79	cps
Magnesium	24-2	1133	1183	1192	1170	2.70	cps
Manganese	55-2	307	277	257	280	8.99	cps
Molybdenum	94-1	967	700	825	831	16.06	cps
Molybdenum	95-1	817	558	733	703	18.76	cps
Molybdenum	96-1	1342	1108	1042	1164	13.54	cps
Molybdenum	97-1	550	458	342	450	23.20	cps
Molybdenum	98-1	1167	933	1008	1036	11.50	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	83	47	47	59	35.94	cps
Phosphorus	31-2	42	50	125	72	63.55	cps
Potassium	39-2	19555	20206	19864	19875	1.64	cps
Rhodium	103-1	14233620	14428722	14676884	14446408	1.54	cps
Rhodium	103-2	5343204	5209097	5321238	5291180	1.36	cps
Scandium	45-1	12308343	12498808	12143786	12316979	1.44	cps
Scandium	45-2	304693	308476	306901	306690	0.62	cps
Selenium	82-1	131	-148	-41	-19	-733.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	112	131	123	122	7.82	cps
Silicon	28-1	651315	653194	665288	656599	1.15	cps
Silver	107-1	475	367	475	439	14.25	cps
Silver	109-1	433	383	375	397	7.94	cps
Sodium	23-2	18846	17845	17561	18084	3.73	cps
Strontium	86-1	19798	20799	21976	20858	5.23	cps
Strontium	88-1	583	450	517	517	12.90	cps
Sulfur	34-1	399470	403744	399608	400941	0.61	cps
Terbium	159-1	17281511	16567998	17015851	16955120	2.13	cps
Terbium	159-2	5796182	5723917	5824650	5781583	0.90	cps
Thallium	203-1	458	633	650	581	18.29	cps
Thallium	205-1	1417	1142	1117	1225	13.59	cps
Tin	118-1	1383	1342	1508	1411	6.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:24:25	DataFile Name :	240CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	542	458	625	542	15.39	cps
Uranium	238-1	200	175	150	175	14.28	cps
Vanadium	51-2	27	30	20	26	19.92	cps
Ytterbium	172-1	67	100	100	89	21.65	cps
Ytterbium	172-2	61	56	11	43	64.34	cps
Ytterbium	176-1	2075	1784	1809	1889	8.56	cps
Ytterbium	176-2	5501	6240	6691	6144	9.77	cps
Yttrium	89-1	26369928	25128277	25456510	25651572	2.51	cps
Yttrium	89-2	2302825	2357758	2311281	2323955	1.27	cps
Zinc	66-2	230	240	177	216	15.79	cps
Zirconium	90-1	1450	1475	1467	1464	0.87	cps
Zirconium	91-1	258	317	308	294	10.72	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-12DLX5	Instrumnet Name :	P8
Client Sample ID :	A05015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:27:26	DataFile Name :	241AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	476578	474416	475525	475506	0.23	cps
Antimony	121-1	2818	2917	2434	2723	9.38	cps
Arsenic	75-2	780	870	790	813	6.07	cps
Barium	135-1	651186	646768	643262	647072	0.61	cps
Barium	137-1	1157151	1119025	1142811	1139662	1.69	cps
Beryllium	9-1	4750	4564	4812	4709	2.74	cps
Bismuth	209-1	10002814	10573009	9959621	10178481	3.36	cps
Bismuth	209-2	4119562	4126914	4205937	4150804	1.15	cps
Boron	10-1	15495	15613	15473	15527	0.49	cps
Boron	11-1	71133	68836	69156	69708	1.79	cps
Bromine	81-1	74284	72997	72237	73173	1.41	cps
Cadmium	111-1	11737	11891	12032	11887	1.24	cps
Cadmium	106-1	8761	8820	8536	8706	1.72	cps
Cadmium	108-1	867	992	942	933	6.74	cps
Calcium	43-1	156934	155527	155048	155836	0.63	cps
Calcium	44-1	2555869	2512784	2588213	2552289	1.48	cps
Carbon	12-1	8595086	8397439	8656288	8549604	1.58	cps
Carbon	12-2	78000	80060	76475	78178	2.30	cps
Chlorine	35-1	368633	363496	361312	364480	1.03	cps
Chlorine	35-2	2409	2525	2300	2411	4.67	cps
Chromium	52-2	46121	46954	46793	46623	0.95	cps
Cobalt	59-2	135769	134083	136035	135296	0.78	cps
Copper	63-2	2191928	2163415	2079930	2145091	2.71	cps
Dysprosium	156-1	18805	19331	20408	19515	4.19	cps
Dysprosium	156-2	6095	5968	6505	6189	4.53	cps
Erbium	164-1	17061	16678	17045	16928	1.28	cps
Erbium	164-2	5384	5648	5611	5548	2.57	cps
Gadolinium	160-1	17529	16744	17495	17256	2.57	cps
Gadolinium	160-2	6992	6962	6658	6871	2.69	cps
Holmium	165-1	17843862	16942329	17890962	17559051	3.04	cps
Holmium	165-2	6077455	6004991	6006247	6029564	0.69	cps
Indium	115-1	16578982	15568934	15768124	15972013	3.35	cps
Indium	115-2	2077270	2083138	2042305	2067571	1.07	cps
Iron	54-2	3068676	3153437	3155085	3125733	1.58	cps
Iron	56-2	56210865	57365068	55843765	56473233	1.41	cps
Iron	57-2	1371443	1422721	1417238	1403801	2.01	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-12DLX5	Instrumnet Name :	P8
Client Sample ID :	A05015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:27:26	DataFile Name :	241AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13901	14040	13913	13951	0.55	cps
Lead	206-1	3138817	2972433	3010726	3040659	2.87	cps
Lead	207-1	2556910	2575006	2461636	2531184	2.41	cps
Lead	208-1	11852888	11764500	11448103	11688497	1.82	cps
Lithium	6-1	9304263	8899935	9468976	9224391	3.17	cps
Magnesium	24-2	335989	332989	339699	336226	1.00	cps
Manganese	55-2	1247101	1245907	1233620	1242209	0.60	cps
Molybdenum	94-1	14602	14952	14008	14521	3.29	cps
Molybdenum	95-1	4526	4509	4718	4584	2.53	cps
Molybdenum	96-1	11005	11230	11188	11141	1.08	cps
Molybdenum	97-1	2625	2459	2892	2659	8.22	cps
Molybdenum	98-1	6835	6702	6927	6821	1.66	cps
Neodymium	150-1	28203	29393	28771	28789	2.07	cps
Neodymium	150-2	7622	7626	7299	7516	2.50	cps
Nickel	60-2	115738	114318	115378	115144	0.64	cps
Phosphorus	31-2	692	658	725	692	4.82	cps
Potassium	39-2	180319	174771	179424	178171	1.67	cps
Rhodium	103-1	15368685	15013327	15008792	15130268	1.36	cps
Rhodium	103-2	5522012	5389376	5581295	5497561	1.79	cps
Scandium	45-1	13061376	12867626	12866125	12931709	0.87	cps
Scandium	45-2	334553	332164	329848	332189	0.71	cps
Selenium	82-1	12	-8	-110	-35	-187.69	cps
Selenium	77-2	53	60	33	49	28.39	cps
Selenium	78-2	145	167	154	155	7.12	cps
Silicon	28-1	3467002	3463197	3146760	3358986	5.47	cps
Silver	107-1	2509	2692	2742	2648	4.64	cps
Silver	109-1	2392	2409	2284	2361	2.87	cps
Sodium	23-2	205341	208762	202377	205493	1.55	cps
Strontium	86-1	120932	123209	124772	122971	1.57	cps
Strontium	88-1	892172	887138	850605	876639	2.59	cps
Sulfur	34-1	437847	440714	435734	438098	0.57	cps
Terbium	159-1	18104452	17332661	17998341	17811818	2.35	cps
Terbium	159-2	5936677	6012901	6105604	6018394	1.41	cps
Thallium	203-1	1400	1283	1308	1331	4.62	cps
Thallium	205-1	3292	3084	3301	3225	3.81	cps
Tin	118-1	40037	43490	26103	36543	25.19	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-12DLX5	Instrumnet Name :	P8
Client Sample ID :	A05015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:27:26	DataFile Name :	241AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	67057	72188	84416	74554	11.96	cps
Uranium	238-1	14496	11798	12331	12875	11.10	cps
Vanadium	51-2	14841	14334	14554	14576	1.75	cps
Ytterbium	172-1	5034	4576	5335	4982	7.67	cps
Ytterbium	172-2	1845	2139	2134	2039	8.26	cps
Ytterbium	176-1	5235	5335	5293	5287	0.95	cps
Ytterbium	176-2	7569	8297	8025	7964	4.62	cps
Yttrium	89-1	27898416	27768072	27395186	27687225	0.94	cps
Yttrium	89-2	2517163	2521491	2539365	2526007	0.47	cps
Zinc	66-2	511269	511964	512645	511959	0.13	cps
Zirconium	90-1	36290	30670	32561	33174	8.62	cps
Zirconium	91-1	6493	7637	6903	7011	8.26	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-13DLX5	Instrumnet Name :	P8
Client Sample ID :	A05140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:30:23	DataFile Name :	242AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332553	328874	327018	329482	0.86	cps
Antimony	121-1	908	792	1100	933	16.68	cps
Arsenic	75-2	1555	1598	1565	1573	1.43	cps
Barium	135-1	60913	64430	59097	61480	4.41	cps
Barium	137-1	109748	110023	106404	108725	1.85	cps
Beryllium	9-1	1718	1846	1692	1752	4.71	cps
Bismuth	209-1	9679039	10002873	9583758	9755223	2.25	cps
Bismuth	209-2	4163400	4197717	4021064	4127394	2.27	cps
Boron	10-1	7881	7601	7250	7577	4.17	cps
Boron	11-1	35158	34246	32971	34125	3.22	cps
Bromine	81-1	76470	76089	76091	76217	0.29	cps
Cadmium	111-1	1568	1613	1693	1625	3.90	cps
Cadmium	106-1	7227	7486	7569	7427	2.40	cps
Cadmium	108-1	75	54	42	57	29.57	cps
Calcium	43-1	24523	24505	24321	24450	0.46	cps
Calcium	44-1	406182	397139	399871	401064	1.16	cps
Carbon	12-1	8751158	8672166	8520657	8647994	1.35	cps
Carbon	12-2	79893	79726	79216	79611	0.44	cps
Chlorine	35-1	373700	357675	355773	362383	2.72	cps
Chlorine	35-2	2425	2159	2184	2256	6.53	cps
Chromium	52-2	12352	12499	12823	12558	1.92	cps
Cobalt	59-2	10434	10757	10431	10541	1.78	cps
Copper	63-2	31786	31218	31168	31390	1.09	cps
Dysprosium	156-1	5743	5710	5760	5738	0.44	cps
Dysprosium	156-2	1994	1760	1937	1897	6.42	cps
Erbium	164-1	7861	8286	7886	8011	2.98	cps
Erbium	164-2	2834	2710	2617	2720	4.00	cps
Gadolinium	160-1	5626	5526	5885	5679	3.26	cps
Gadolinium	160-2	2314	2387	2124	2275	5.98	cps
Holmium	165-1	16783264	17171158	16149848	16701423	3.09	cps
Holmium	165-2	6224470	5923328	6097607	6081802	2.49	cps
Indium	115-1	16089412	16306506	15829701	16075206	1.49	cps
Indium	115-2	2107174	2155483	2021190	2094616	3.25	cps
Iron	54-2	1302156	1278866	1281123	1287382	1.00	cps
Iron	56-2	24535108	24224317	23845951	24201792	1.43	cps
Iron	57-2	603100	584779	586247	591376	1.72	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-13DLX5	Instrumnet Name :	P8
Client Sample ID :	A05140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:30:23	DataFile Name :	242AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13981	13893	14053	13976	0.57	cps
Lead	206-1	150168	147049	146057	147758	1.45	cps
Lead	207-1	128414	126446	126563	127141	0.87	cps
Lead	208-1	588693	589141	579868	585900	0.89	cps
Lithium	6-1	9753538	9094707	8825440	9224562	5.18	cps
Magnesium	24-2	153355	149514	149500	150790	1.47	cps
Manganese	55-2	58868	58526	57502	58299	1.22	cps
Molybdenum	94-1	12156	12675	11472	12101	4.99	cps
Molybdenum	95-1	6118	6585	6327	6343	3.69	cps
Molybdenum	96-1	10546	11554	10021	10707	7.28	cps
Molybdenum	97-1	4342	4092	3851	4095	6.01	cps
Molybdenum	98-1	10362	10554	10062	10326	2.40	cps
Neodymium	150-1	6428	6155	6422	6335	2.46	cps
Neodymium	150-2	1683	1690	1640	1671	1.62	cps
Nickel	60-2	10517	9583	9984	10028	4.67	cps
Phosphorus	31-2	133	200	100	144	35.25	cps
Potassium	39-2	238086	239580	237826	238497	0.40	cps
Rhodium	103-1	15487297	15423061	15386707	15432355	0.33	cps
Rhodium	103-2	5439119	5680290	5503057	5540822	2.25	cps
Scandium	45-1	13283068	13330112	12660670	13091283	2.85	cps
Scandium	45-2	332707	323589	320205	325501	1.99	cps
Selenium	82-1	7073	7038	6926	7012	1.09	cps
Selenium	77-2	183	210	157	183	14.54	cps
Selenium	78-2	762	730	705	732	3.90	cps
Silicon	28-1	3028726	1972756	3279155	2760212	25.12	cps
Silver	107-1	942	800	1050	931	13.47	cps
Silver	109-1	883	792	942	872	8.67	cps
Sodium	23-2	115987	117819	118053	117286	0.96	cps
Strontium	86-1	123503	125930	123633	124356	1.10	cps
Strontium	88-1	910584	888278	884775	894546	1.57	cps
Sulfur	34-1	1326812	1288104	1271817	1295578	2.18	cps
Terbium	159-1	17462127	17784486	17270830	17505815	1.48	cps
Terbium	159-2	6055859	5938940	6031606	6008802	1.03	cps
Thallium	203-1	2009	2184	2217	2136	5.24	cps
Thallium	205-1	4701	5001	5401	5034	6.98	cps
Tin	118-1	3484	3192	3442	3373	4.68	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-13DLX5	Instrumnet Name :	P8
Client Sample ID :	A05140DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:30:23	DataFile Name :	242AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8129	9082	5737	7649	22.53	cps
Uranium	238-1	9579	9554	9687	9607	0.74	cps
Vanadium	51-2	13937	13894	14087	13972	0.73	cps
Ytterbium	172-1	2534	2342	2284	2386	5.48	cps
Ytterbium	172-2	906	928	839	891	5.19	cps
Ytterbium	176-1	3709	3709	3426	3615	4.53	cps
Ytterbium	176-2	6874	7124	7552	7184	4.77	cps
Yttrium	89-1	27202214	27834454	26574070	27203579	2.32	cps
Yttrium	89-2	2517929	2473500	2492493	2494641	0.89	cps
Zinc	66-2	7759	7882	8189	7943	2.79	cps
Zirconium	90-1	21938	21979	21359	21759	1.59	cps
Zirconium	91-1	5009	4743	4501	4751	5.35	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-14DLX5	Instrumnet Name :	P8
Client Sample ID :	A06015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:33:23	DataFile Name :	243AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	509915	512202	505638	509251	0.65	cps
Antimony	121-1	4710	5237	4209	4719	10.89	cps
Arsenic	75-2	463	485	422	457	7.00	cps
Barium	135-1	488146	482747	485175	485356	0.56	cps
Barium	137-1	848218	831887	832289	837465	1.11	cps
Beryllium	9-1	5062	5122	4904	5029	2.24	cps
Bismuth	209-1	10367165	10264341	10266061	10299189	0.57	cps
Bismuth	209-2	4195372	4111204	4268974	4191850	1.88	cps
Boron	10-1	14054	14156	15049	14420	3.80	cps
Boron	11-1	58135	66292	64062	62829	6.71	cps
Bromine	81-1	75758	72114	75657	74510	2.79	cps
Cadmium	111-1	29025	27789	29078	28631	2.55	cps
Cadmium	106-1	9929	9520	9829	9759	2.18	cps
Cadmium	108-1	2254	2109	1942	2102	7.44	cps
Calcium	43-1	526899	515410	515459	519256	1.27	cps
Calcium	44-1	8433620	8551329	8177098	8387349	2.28	cps
Carbon	12-1	8900471	8891165	8834542	8875393	0.40	cps
Carbon	12-2	83815	81392	83027	82745	1.49	cps
Chlorine	35-1	375226	379432	371712	375457	1.03	cps
Chlorine	35-2	2484	2184	2259	2309	6.76	cps
Chromium	52-2	52232	50164	51058	51152	2.03	cps
Cobalt	59-2	85385	83996	85366	84916	0.94	cps
Copper	63-2	5590208	5684870	5523955	5599678	1.44	cps
Dysprosium	156-1	15259	13908	13324	14164	7.01	cps
Dysprosium	156-2	4698	4914	4514	4709	4.25	cps
Erbium	164-1	13582	13557	13157	13432	1.78	cps
Erbium	164-2	4574	4588	4401	4521	2.30	cps
Gadolinium	160-1	13457	13591	12848	13299	2.98	cps
Gadolinium	160-2	5174	5154	5141	5157	0.33	cps
Holmium	165-1	17687908	16806562	17639252	17377908	2.85	cps
Holmium	165-2	6298782	5993538	6067351	6119890	2.60	cps
Indium	115-1	16651028	16589752	15788986	16343255	2.94	cps
Indium	115-2	2126401	2068606	2163845	2119617	2.26	cps
Iron	54-2	2113630	2114420	2111133	2113061	0.08	cps
Iron	56-2	37254324	37827112	37052613	37378017	1.07	cps
Iron	57-2	913176	930256	922096	921843	0.93	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-14DLX5	Instrumnet Name :	P8
Client Sample ID :	A06015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:33:23	DataFile Name :	243AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13831	13975	14069	13959	0.86	cps
Lead	206-1	3267783	3002320	3088304	3119469	4.34	cps
Lead	207-1	2673856	2488373	2556124	2572784	3.65	cps
Lead	208-1	12272637	11914798	11987386	12058274	1.57	cps
Lithium	6-1	8901041	8756527	9091190	8916253	1.88	cps
Magnesium	24-2	379105	379019	373701	377275	0.82	cps
Manganese	55-2	830979	836664	827307	831650	0.57	cps
Molybdenum	94-1	9620	9879	9812	9770	1.37	cps
Molybdenum	95-1	2325	2400	2534	2420	4.36	cps
Molybdenum	96-1	6710	6360	6744	6605	3.22	cps
Molybdenum	97-1	1458	1392	1450	1433	2.53	cps
Molybdenum	98-1	3751	4101	3567	3806	7.12	cps
Neodymium	150-1	18613	18033	18053	18233	1.81	cps
Neodymium	150-2	4628	4578	4818	4674	2.71	cps
Nickel	60-2	105391	103541	102944	103959	1.23	cps
Phosphorus	31-2	133	250	142	175	37.19	cps
Potassium	39-2	279260	262996	265983	269413	3.21	cps
Rhodium	103-1	15731247	15808234	15599285	15712922	0.67	cps
Rhodium	103-2	5594597	5492783	5864350	5650576	3.40	cps
Scandium	45-1	13594259	13421128	13192839	13402742	1.50	cps
Scandium	45-2	335752	333083	332653	333829	0.50	cps
Selenium	82-1	1346	1008	977	1111	18.43	cps
Selenium	77-2	40	37	30	36	14.32	cps
Selenium	78-2	215	223	247	228	7.30	cps
Silicon	28-1	3087713	2327219	2640810	2685247	14.23	cps
Silver	107-1	3251	3776	3401	3476	7.78	cps
Silver	109-1	3359	3559	3701	3540	4.85	cps
Sodium	23-2	729911	703357	720653	717974	1.88	cps
Strontium	86-1	354497	349645	351238	351793	0.70	cps
Strontium	88-1	2860131	2863073	2799963	2841056	1.25	cps
Sulfur	34-1	689867	710499	713519	704628	1.83	cps
Terbium	159-1	19272509	18268152	17562400	18367687	4.68	cps
Terbium	159-2	6356412	6036807	6129528	6174249	2.66	cps
Thallium	203-1	2675	3067	2767	2837	7.22	cps
Thallium	205-1	6477	6402	6218	6366	2.09	cps
Tin	118-1	13650	12107	13979	13245	7.55	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-14DLX5	Instrumnet Name :	P8
Client Sample ID :	A06015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:33:23	DataFile Name :	243AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	25385	64671	30786	40281	52.87	cps
Uranium	238-1	12982	11939	13074	12665	4.98	cps
Vanadium	51-2	6255	6448	6318	6340	1.56	cps
Ytterbium	172-1	4167	4192	4242	4201	0.91	cps
Ytterbium	172-2	1561	1522	1745	1609	7.38	cps
Ytterbium	176-1	4951	5076	4526	4851	5.95	cps
Ytterbium	176-2	7430	7925	7797	7717	3.33	cps
Yttrium	89-1	28814430	28405413	28308292	28509378	0.94	cps
Yttrium	89-2	2514783	2512569	2561259	2529537	1.09	cps
Zinc	66-2	781349	790793	781890	784677	0.68	cps
Zirconium	90-1	22360	23830	23145	23112	3.18	cps
Zirconium	91-1	5059	7415	5701	6058	20.10	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-15DLX5	Instrumnet Name :	P8
Client Sample ID :	A06135DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:36:20	DataFile Name :	244AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	346027	342832	336074	341645	1.49	cps
Antimony	121-1	3542	3826	3742	3703	3.93	cps
Arsenic	75-2	2629	2599	2696	2641	1.88	cps
Barium	135-1	150594	151728	143437	148586	3.03	cps
Barium	137-1	273647	263779	253878	263768	3.75	cps
Beryllium	9-1	1630	1802	1614	1682	6.20	cps
Bismuth	209-1	9509528	10192065	9926844	9876146	3.48	cps
Bismuth	209-2	4172033	4024513	4127584	4108044	1.84	cps
Boron	10-1	9345	9057	9323	9242	1.74	cps
Boron	11-1	42480	43783	41794	42685	2.37	cps
Bromine	81-1	75325	78595	78107	77343	2.28	cps
Cadmium	111-1	2021	1985	1815	1940	5.67	cps
Cadmium	106-1	8119	7702	7335	7719	5.08	cps
Cadmium	108-1	225	163	242	210	19.90	cps
Calcium	43-1	1305287	1304231	1215188	1274902	4.06	cps
Calcium	44-1	20038153	21251930	20077131	20455738	3.37	cps
Carbon	12-1	13751177	13576339	13659260	13662258	0.64	cps
Carbon	12-2	122065	123150	124276	123164	0.90	cps
Chlorine	35-1	365187	355098	346447	355577	2.64	cps
Chlorine	35-2	2417	2150	2209	2259	6.21	cps
Chromium	52-2	53641	52663	51941	52748	1.62	cps
Cobalt	59-2	28679	28829	28118	28542	1.31	cps
Copper	63-2	58788	59187	58688	58888	0.45	cps
Dysprosium	156-1	5893	5926	6327	6049	3.99	cps
Dysprosium	156-2	2174	2157	2054	2128	3.06	cps
Erbium	164-1	7286	7135	6018	6813	10.16	cps
Erbium	164-2	2284	2397	2244	2308	3.45	cps
Gadolinium	160-1	6427	6002	5860	6096	4.84	cps
Gadolinium	160-2	2424	2384	2484	2430	2.07	cps
Holmium	165-1	17063192	16945856	16110922	16706657	3.11	cps
Holmium	165-2	5950481	5763807	5739184	5817824	1.99	cps
Indium	115-1	16165839	15437468	16325085	15976131	2.96	cps
Indium	115-2	2093676	2056301	2016860	2055612	1.87	cps
Iron	54-2	1239148	1219493	1233880	1230840	0.83	cps
Iron	56-2	22880183	22969935	22985465	22945194	0.25	cps
Iron	57-2	563879	561875	557648	561134	0.57	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-15DLX5	Instrumnet Name :	P8
Client Sample ID :	A06135DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:36:20	DataFile Name :	244AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13740	13851	14230	13941	1.84	cps
Lead	206-1	144274	141129	142803	142735	1.10	cps
Lead	207-1	117672	122890	119931	120164	2.18	cps
Lead	208-1	553149	573272	559871	562097	1.82	cps
Lithium	6-1	9300350	9068070	8779032	9049151	2.89	cps
Magnesium	24-2	444148	446166	439427	443247	0.78	cps
Manganese	55-2	327523	320493	321406	323141	1.18	cps
Molybdenum	94-1	57203	55865	52977	55348	3.90	cps
Molybdenum	95-1	22886	22126	22369	22460	1.73	cps
Molybdenum	96-1	32413	32556	32539	32503	0.24	cps
Molybdenum	97-1	13465	14833	13182	13827	6.39	cps
Molybdenum	98-1	36274	34803	33942	35006	3.37	cps
Neodymium	150-1	8663	9064	8643	8790	2.70	cps
Neodymium	150-2	2247	2154	2184	2195	2.17	cps
Nickel	60-2	18352	17778	18479	18203	2.05	cps
Phosphorus	31-2	633	592	725	650	10.49	cps
Potassium	39-2	227327	220842	217414	221861	2.27	cps
Rhodium	103-1	15420220	15391431	15002904	15271518	1.53	cps
Rhodium	103-2	5388449	5508535	5411377	5436120	1.17	cps
Scandium	45-1	12862841	13516101	13245707	13208216	2.49	cps
Scandium	45-2	326855	319989	321135	322660	1.14	cps
Selenium	82-1	1170	1240	882	1097	17.28	cps
Selenium	77-2	37	37	30	34	11.18	cps
Selenium	78-2	221	183	226	210	11.20	cps
Silicon	28-1	2836575	3774151	4160140	3590289	18.96	cps
Silver	107-1	700	775	1075	850	23.35	cps
Silver	109-1	583	583	467	544	12.37	cps
Sodium	23-2	914269	970087	909478	931278	3.62	cps
Strontium	86-1	751380	748434	740962	746925	0.72	cps
Strontium	88-1	6369732	6421042	6196148	6328974	1.86	cps
Sulfur	34-1	888704	879587	884011	884100	0.52	cps
Terbium	159-1	18189457	17353913	17169560	17570977	3.09	cps
Terbium	159-2	5913319	5837934	5808080	5853111	0.93	cps
Thallium	203-1	2592	2850	2300	2581	10.66	cps
Thallium	205-1	6110	5843	6243	6066	3.36	cps
Tin	118-1	5060	5262	4660	4994	6.14	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-15DLX5	Instrumnet Name :	P8
Client Sample ID :	A06135DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:36:20	DataFile Name :	244AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	86698	88800	91026	88841	2.44	cps
Uranium	238-1	12750	11264	11681	11898	6.45	cps
Vanadium	51-2	18222	17818	17744	17928	1.43	cps
Ytterbium	172-1	3009	2834	2767	2870	4.35	cps
Ytterbium	172-2	1056	972	1039	1022	4.31	cps
Ytterbium	176-1	4017	4509	4343	4290	5.83	cps
Ytterbium	176-2	7219	7374	7297	7297	1.07	cps
Yttrium	89-1	28289280	27598537	26726911	27538243	2.84	cps
Yttrium	89-2	2400988	2439175	2413024	2417729	0.81	cps
Zinc	66-2	21406	21096	21416	21306	0.86	cps
Zirconium	90-1	130294	112799	116615	119903	7.67	cps
Zirconium	91-1	25299	25883	28145	26443	5.68	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A09015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:39:15	DataFile Name :	245AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136962	134809	137228	136333	0.97	cps
Antimony	121-1	8678	8511	8903	8698	2.26	cps
Arsenic	75-2	5862	5801	5805	5822	0.59	cps
Barium	135-1	59801	58126	55381	57770	3.86	cps
Barium	137-1	100547	101250	96852	99550	2.37	cps
Beryllium	9-1	968	960	876	935	5.45	cps
Bismuth	209-1	10331985	10102081	10002678	10145581	1.66	cps
Bismuth	209-2	4240570	4206548	4233336	4226818	0.42	cps
Boron	10-1	5578	5672	5320	5523	3.30	cps
Boron	11-1	24354	25011	23877	24414	2.33	cps
Bromine	81-1	71169	75796	72518	73161	3.25	cps
Cadmium	111-1	1742	1800	1670	1737	3.73	cps
Cadmium	106-1	7827	7586	7135	7516	4.67	cps
Cadmium	108-1	129	108	117	118	8.88	cps
Calcium	43-1	115571	116475	114522	115523	0.85	cps
Calcium	44-1	1892069	1827015	1906376	1875153	2.26	cps
Carbon	12-1	14101488	14138165	13712206	13983953	1.69	cps
Carbon	12-2	124839	124107	125627	124858	0.61	cps
Chlorine	35-1	368032	363512	359762	363769	1.14	cps
Chlorine	35-2	2259	2434	2192	2295	5.44	cps
Chromium	52-2	21517	21860	21022	21466	1.96	cps
Cobalt	59-2	9286	9273	9226	9262	0.34	cps
Copper	63-2	40431	38679	40090	39733	2.34	cps
Dysprosium	156-1	1717	2275	2284	2092	15.53	cps
Dysprosium	156-2	537	610	623	590	7.91	cps
Erbium	164-1	2034	1925	1942	1967	2.97	cps
Erbium	164-2	647	700	700	682	4.51	cps
Gadolinium	160-1	2109	1892	2034	2011	5.47	cps
Gadolinium	160-2	727	683	827	746	9.86	cps
Holmium	165-1	17259933	17660108	16584732	17168258	3.17	cps
Holmium	165-2	5999837	6078785	6107120	6061914	0.92	cps
Indium	115-1	16558154	16581395	16407943	16515831	0.57	cps
Indium	115-2	2130846	2085180	2116734	2110920	1.11	cps
Iron	54-2	1425175	1405033	1410477	1413562	0.74	cps
Iron	56-2	25869215	25420554	24698180	25329317	2.33	cps
Iron	57-2	626871	617747	607265	617294	1.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A09015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:39:15	DataFile Name :	245AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13861	14039	14033	13978	0.72	cps
Lead	206-1	108723	112476	110698	110632	1.70	cps
Lead	207-1	94328	92245	91144	92572	1.75	cps
Lead	208-1	439421	427228	430658	432436	1.45	cps
Lithium	6-1	8971477	9415024	9161763	9182755	2.42	cps
Magnesium	24-2	54645	52479	52587	53237	2.29	cps
Manganese	55-2	55537	54504	53440	54494	1.92	cps
Molybdenum	94-1	28841	28458	28372	28557	0.87	cps
Molybdenum	95-1	19122	19614	18880	19205	1.95	cps
Molybdenum	96-1	25566	25023	24739	25109	1.67	cps
Molybdenum	97-1	12072	11789	12381	12081	2.45	cps
Molybdenum	98-1	30434	30885	30551	30623	0.76	cps
Neodymium	150-1	2554	3342	2374	2756	18.68	cps
Neodymium	150-2	637	697	480	604	18.51	cps
Nickel	60-2	8429	8296	8122	8282	1.86	cps
Phosphorus	31-2	483	483	333	433	19.98	cps
Potassium	39-2	233646	234579	235028	234418	0.30	cps
Rhodium	103-1	15895131	15826907	15210826	15644288	2.41	cps
Rhodium	103-2	5600880	5431751	5845797	5626143	3.70	cps
Scandium	45-1	13478866	13212824	13119830	13270507	1.40	cps
Scandium	45-2	337292	335709	327596	333532	1.56	cps
Selenium	82-1	2474	2440	2471	2462	0.76	cps
Selenium	77-2	90	80	63	78	17.32	cps
Selenium	78-2	310	342	332	328	4.99	cps
Silicon	28-1	2021587	4591097	3204069	3272251	39.30	cps
Silver	107-1	667	500	525	564	15.94	cps
Silver	109-1	500	500	467	489	3.94	cps
Sodium	23-2	127356	126170	128811	127445	1.04	cps
Strontium	86-1	166448	160247	160349	162348	2.19	cps
Strontium	88-1	1248352	1199859	1185650	1211287	2.71	cps
Sulfur	34-1	1011540	997599	1002184	1003774	0.71	cps
Terbium	159-1	18775988	18732380	17958214	18488860	2.49	cps
Terbium	159-2	5958101	5929177	6264440	6050573	3.07	cps
Thallium	203-1	2334	2034	2017	2128	8.38	cps
Thallium	205-1	5076	5185	5210	5157	1.37	cps
Tin	118-1	5076	5627	4701	5135	9.06	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-16DLX5	Instrumnet Name :	P8
Client Sample ID :	A09015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:39:15	DataFile Name :	245AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	23602	78616	72995	58404	51.83	cps
Uranium	238-1	6769	6735	6444	6649	2.69	cps
Vanadium	51-2	10627	10407	10531	10522	1.05	cps
Ytterbium	172-1	833	967	908	903	7.40	cps
Ytterbium	172-2	278	372	289	313	16.49	cps
Ytterbium	176-1	3109	3000	2875	2995	3.90	cps
Ytterbium	176-2	6746	7458	6969	7058	5.16	cps
Yttrium	89-1	27682597	28004467	27213119	27633394	1.44	cps
Yttrium	89-2	2542432	2459916	2493542	2498630	1.66	cps
Zinc	66-2	11702	11615	11638	11652	0.39	cps
Zirconium	90-1	46265	46084	44202	45517	2.51	cps
Zirconium	91-1	12464	10671	10221	11119	10.67	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-17DLX5	Instrumnet Name :	P8
Client Sample ID :	A09145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:42:15	DataFile Name :	246AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144918	145216	143471	144535	0.65	cps
Antimony	121-1	6719	6669	6235	6541	4.07	cps
Arsenic	75-2	6533	6493	6295	6440	1.98	cps
Barium	135-1	138632	137155	136472	137420	0.80	cps
Barium	137-1	243715	246353	234613	241560	2.55	cps
Beryllium	9-1	886	952	1002	947	6.15	cps
Bismuth	209-1	9845265	9681931	10131770	9886322	2.30	cps
Bismuth	209-2	4154333	3916889	4141579	4070934	3.28	cps
Boron	10-1	5036	5208	4836	5027	3.70	cps
Boron	11-1	24914	23172	21608	23231	7.12	cps
Bromine	81-1	80336	77375	74519	77410	3.76	cps
Cadmium	111-1	1623	1553	1601	1592	2.24	cps
Cadmium	106-1	7694	7310	7477	7494	2.57	cps
Cadmium	108-1	113	108	75	99	20.84	cps
Calcium	43-1	22291	22343	22203	22279	0.32	cps
Calcium	44-1	371005	366171	368760	368645	0.66	cps
Carbon	12-1	11524988	11256150	11219895	11333677	1.47	cps
Carbon	12-2	103750	102693	101920	102788	0.89	cps
Chlorine	35-1	367783	359514	359463	362254	1.32	cps
Chlorine	35-2	2250	1992	2334	2192	8.13	cps
Chromium	52-2	15118	14544	15128	14930	2.24	cps
Cobalt	59-2	7259	7469	7722	7483	3.10	cps
Copper	63-2	70053	71520	70649	70741	1.04	cps
Dysprosium	156-1	6143	5801	6252	6065	3.87	cps
Dysprosium	156-2	1893	1930	1957	1927	1.65	cps
Erbium	164-1	6577	6644	6560	6594	0.67	cps
Erbium	164-2	2144	2030	2090	2088	2.72	cps
Gadolinium	160-1	6194	5760	5601	5852	5.24	cps
Gadolinium	160-2	2314	2207	2304	2275	2.59	cps
Holmium	165-1	17188576	17955246	16732800	17292208	3.57	cps
Holmium	165-2	6083347	5782094	5958867	5941436	2.55	cps
Indium	115-1	16200543	15967696	15585072	15917770	1.95	cps
Indium	115-2	2132718	1968747	2137735	2079733	4.62	cps
Iron	54-2	1437855	1462931	1425899	1442228	1.31	cps
Iron	56-2	26348003	26517592	26988543	26618046	1.25	cps
Iron	57-2	642784	625361	632027	633391	1.39	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-17DLX5	Instrumnet Name :	P8
Client Sample ID :	A09145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:42:15	DataFile Name :	246AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14127	14009	14057	14064	0.42	cps
Lead	206-1	659411	644754	666269	656811	1.67	cps
Lead	207-1	543680	552007	552705	549464	0.91	cps
Lead	208-1	2590984	2548816	2569323	2569707	0.82	cps
Lithium	6-1	9084962	8746271	8759469	8863568	2.16	cps
Magnesium	24-2	21942	21675	21934	21850	0.69	cps
Manganese	55-2	19160	19223	19437	19273	0.75	cps
Molybdenum	94-1	32361	30810	30392	31188	3.33	cps
Molybdenum	95-1	19306	18254	17670	18410	4.50	cps
Molybdenum	96-1	26359	25399	24915	25557	2.88	cps
Molybdenum	97-1	11188	11405	12147	11580	4.34	cps
Molybdenum	98-1	29933	30100	29992	30008	0.28	cps
Neodymium	150-1	7849	7969	7542	7787	2.83	cps
Neodymium	150-2	1967	2776	1984	2242	20.62	cps
Nickel	60-2	7182	7102	6982	7089	1.42	cps
Phosphorus	31-2	250	425	400	358	26.41	cps
Potassium	39-2	298754	299060	299747	299187	0.17	cps
Rhodium	103-1	15365073	15826736	15616658	15602822	1.48	cps
Rhodium	103-2	5731171	5374551	5594806	5566843	3.23	cps
Scandium	45-1	13558850	13360947	12794927	13238241	2.99	cps
Scandium	45-2	328303	311733	336872	325636	3.92	cps
Selenium	82-1	2072	2580	2338	2330	10.91	cps
Selenium	77-2	77	60	110	82	30.96	cps
Selenium	78-2	353	339	315	336	5.72	cps
Silicon	28-1	3516982	3869568	3578306	3654952	5.15	cps
Silver	107-1	2817	2892	3067	2925	4.39	cps
Silver	109-1	2334	2575	2625	2511	6.21	cps
Sodium	23-2	91522	96570	93879	93990	2.69	cps
Strontium	86-1	96519	98900	97835	97751	1.22	cps
Strontium	88-1	660132	645838	655025	653665	1.11	cps
Sulfur	34-1	1035781	999597	1010777	1015385	1.82	cps
Terbium	159-1	17992956	17438193	17689508	17706886	1.57	cps
Terbium	159-2	6059873	5703096	6125550	5962840	3.81	cps
Thallium	203-1	5468	5501	5343	5437	1.54	cps
Thallium	205-1	13082	12682	13090	12951	1.80	cps
Tin	118-1	7611	8094	7611	7772	3.59	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-17DLX5	Instrumnet Name :	P8
Client Sample ID :	A09145DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:42:15	DataFile Name :	246AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	47171	24600	20315	30695	47.00	cps
Uranium	238-1	9245	8361	9045	8884	5.22	cps
Vanadium	51-2	17681	17868	17184	17578	2.01	cps
Ytterbium	172-1	2275	2450	2150	2292	6.58	cps
Ytterbium	172-2	772	883	856	837	6.91	cps
Ytterbium	176-1	3967	3359	3484	3603	8.92	cps
Ytterbium	176-2	6574	7330	7552	7152	7.17	cps
Yttrium	89-1	28113328	27517322	26854689	27495113	2.29	cps
Yttrium	89-2	2486967	2429637	2481340	2465981	1.28	cps
Zinc	66-2	6338	6121	6765	6408	5.11	cps
Zirconium	90-1	55160	54985	53771	54638	1.38	cps
Zirconium	91-1	12239	13649	13002	12963	5.44	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A10015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:45:15	DataFile Name :	247AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	735112	725734	713220	724689	1.52	cps
Antimony	121-1	967	1042	1225	1078	12.33	cps
Arsenic	75-2	297	304	287	296	2.89	cps
Barium	135-1	536965	522455	542639	534020	1.95	cps
Barium	137-1	933635	934838	931991	933488	0.15	cps
Beryllium	9-1	13239	13299	13279	13273	0.23	cps
Bismuth	209-1	10478022	10089768	10136890	10234894	2.07	cps
Bismuth	209-2	4214354	4259079	4340053	4271162	1.49	cps
Boron	10-1	4722	4534	4652	4636	2.05	cps
Boron	11-1	20296	20152	20525	20324	0.92	cps
Bromine	81-1	76211	76097	78872	77060	2.04	cps
Cadmium	111-1	9109	9323	9281	9237	1.23	cps
Cadmium	106-1	8636	7978	7894	8169	4.98	cps
Cadmium	108-1	667	596	721	661	9.48	cps
Calcium	43-1	263104	261003	260425	261510	0.54	cps
Calcium	44-1	4077623	4261412	4107056	4148697	2.38	cps
Carbon	12-1	12367463	12133090	12118440	12206331	1.14	cps
Carbon	12-2	113487	110910	114503	112967	1.64	cps
Chlorine	35-1	367076	376563	379758	374466	1.76	cps
Chlorine	35-2	2417	2534	2009	2320	11.89	cps
Chromium	52-2	53647	52131	54048	53276	1.90	cps
Cobalt	59-2	92187	91744	91061	91664	0.62	cps
Copper	63-2	481182	489306	489247	486578	0.96	cps
Dysprosium	156-1	21151	21117	21560	21276	1.16	cps
Dysprosium	156-2	7135	6909	6745	6930	2.83	cps
Erbium	164-1	21743	21627	21526	21632	0.50	cps
Erbium	164-2	7412	7562	7429	7468	1.10	cps
Gadolinium	160-1	20491	18497	18438	19142	6.11	cps
Gadolinium	160-2	7726	7309	7532	7522	2.77	cps
Holmium	165-1	17324886	16795980	17498601	17206489	2.13	cps
Holmium	165-2	6221515	6236458	6232247	6230073	0.12	cps
Indium	115-1	16536075	16614941	16531625	16560880	0.28	cps
Indium	115-2	2210841	2188648	2180278	2193256	0.72	cps
Iron	54-2	3644502	3760798	3638692	3681331	1.87	cps
Iron	56-2	67483275	66423620	65474251	66460382	1.51	cps
Iron	57-2	1748193	1706030	1683848	1712690	1.91	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A10015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:45:15	DataFile Name :	247AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	14140	14248	14453	14280	1.11	cps
Lead	206-1	592011	579791	591471	587758	1.17	cps
Lead	207-1	494775	504174	496986	498645	0.99	cps
Lead	208-1	2327556	2323091	2305560	2318736	0.50	cps
Lithium	6-1	8785073	9086172	9062874	8978040	1.87	cps
Magnesium	24-2	161839	155401	149963	155735	3.82	cps
Manganese	55-2	1614725	1702154	1671434	1662771	2.67	cps
Molybdenum	94-1	18505	17995	17378	17959	3.14	cps
Molybdenum	95-1	4576	4534	4584	4565	0.59	cps
Molybdenum	96-1	12423	11739	12373	12178	3.13	cps
Molybdenum	97-1	2634	2659	2509	2600	3.09	cps
Molybdenum	98-1	6777	6643	6577	6666	1.53	cps
Neodymium	150-1	28083	26620	27849	27518	2.86	cps
Neodymium	150-2	7079	7295	7089	7154	1.71	cps
Nickel	60-2	72832	74494	72608	73311	1.41	cps
Phosphorus	31-2	508	383	550	481	18.05	cps
Potassium	39-2	173995	170495	169390	171293	1.40	cps
Rhodium	103-1	16036574	15901788	15631599	15856654	1.30	cps
Rhodium	103-2	5882920	5646965	5618716	5716200	2.54	cps
Scandium	45-1	13217034	13574611	13194214	13328620	1.60	cps
Scandium	45-2	346581	346055	341038	344558	0.89	cps
Selenium	82-1	1023	906	892	940	7.68	cps
Selenium	77-2	47	93	77	72	32.74	cps
Selenium	78-2	236	254	234	241	4.56	cps
Silicon	28-1	2230584	2066744	1868142	2055157	8.83	cps
Silver	107-1	1150	975	1133	1086	8.89	cps
Silver	109-1	892	917	925	911	1.90	cps
Sodium	23-2	93290	91774	89585	91550	2.03	cps
Strontium	86-1	314505	318445	314271	315740	0.74	cps
Strontium	88-1	2621383	2553540	2558454	2577792	1.47	cps
Sulfur	34-1	603334	603149	601879	602787	0.13	cps
Terbium	159-1	18953849	17975149	18055059	18328019	2.97	cps
Terbium	159-2	6233143	6318163	6290298	6280535	0.69	cps
Thallium	203-1	2742	2842	2909	2831	2.96	cps
Thallium	205-1	6752	6860	6385	6666	3.74	cps
Tin	118-1	3217	3025	3726	3323	10.89	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	N2220-01DLX5	Instrumnet Name :	P8
Client Sample ID :	A10015DL	Dilution Factor :	5
Date & Time Acquired ::	2022-04-11 02:45:15	DataFile Name :	247AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	18557	22237	19242	20012	9.78	cps
Uranium	238-1	21352	19976	20659	20663	3.33	cps
Vanadium	51-2	88821	87750	86919	87830	1.09	cps
Ytterbium	172-1	8178	8086	7669	7978	3.40	cps
Ytterbium	172-2	3150	3173	3289	3204	2.33	cps
Ytterbium	176-1	6994	7627	7211	7277	4.43	cps
Ytterbium	176-2	8347	9031	8831	8736	4.02	cps
Yttrium	89-1	29423070	28066899	28647165	28712378	2.37	cps
Yttrium	89-2	2650101	2621236	2553486	2608274	1.90	cps
Zinc	66-2	167592	168722	163289	166534	1.72	cps
Zirconium	90-1	41931	44506	40803	42413	4.48	cps
Zirconium	91-1	9395	9070	8945	9137	2.54	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:48:12	DataFile Name :	248CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4710651	4722661	4886469	4773260	2.06	cps
Antimony	121-1	5415608	5335418	5342961	5364663	0.83	cps
Arsenic	75-2	162139	162392	159047	161193	1.16	cps
Barium	135-1	7232586	7268603	7331685	7277624	0.69	cps
Barium	137-1	12106014	12206654	12454118	12255595	1.46	cps
Beryllium	9-1	2643340	2572392	2530936	2582223	2.20	cps
Bismuth	209-1	8314649	8204828	8514336	8344604	1.88	cps
Bismuth	209-2	3574778	3606514	3503108	3561467	1.49	cps
Boron	10-1	612280	624013	658856	631716	3.83	cps
Boron	11-1	2547759	2674045	2772244	2664683	4.22	cps
Bromine	81-1	68499	66007	67234	67247	1.85	cps
Cadmium	111-1	1509910	1502323	1577061	1529765	2.69	cps
Cadmium	106-1	191298	187594	183506	187466	2.08	cps
Cadmium	108-1	131088	131678	127489	130085	1.74	cps
Calcium	43-1	12359377	12011958	12721726	12364354	2.87	cps
Calcium	44-1	204609165	196839125	203038303	201495531	2.04	cps
Carbon	12-1	8810002	8999668	9126832	8978834	1.78	cps
Carbon	12-2	90176	90949	90806	90644	0.45	cps
Chlorine	35-1	355317	344555	342734	347536	1.96	cps
Chlorine	35-2	2009	1725	2175	1970	11.55	cps
Chromium	52-2	1584191	1597391	1568325	1583302	0.92	cps
Cobalt	59-2	2814167	2735474	2749977	2766540	1.51	cps
Copper	63-2	20966407	20930683	20966841	20954644	0.10	cps
Dysprosium	156-1	1000	1075	900	992	8.85	cps
Dysprosium	156-2	253	350	237	280	21.85	cps
Erbium	164-1	292	317	267	292	8.57	cps
Erbium	164-2	90	70	123	94	28.53	cps
Gadolinium	160-1	758	692	633	694	9.01	cps
Gadolinium	160-2	347	347	317	337	5.15	cps
Holmium	165-1	15985032	16475482	15424128	15961547	3.30	cps
Holmium	165-2	5678745	5629149	5606096	5637997	0.66	cps
Indium	115-1	13651742	13848793	14154979	13885171	1.83	cps
Indium	115-2	1838356	1798542	1862568	1833155	1.76	cps
Iron	54-2	17214768	16774623	17052643	17014011	1.31	cps
Iron	56-2	311278251	314033551	316372552	313894785	0.81	cps
Iron	57-2	7881274	7746455	7983713	7870481	1.51	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	12896	12881	12810	12862	0.35	cps
Lead	206-1	19640319	19706332	20089971	19812207	1.23	cps
Lead	207-1	16928517	16890714	17335293	17051508	1.45	cps
Lead	208-1	78815743	78993277	79963410	79257477	0.78	cps
Lithium	6-1	8183752	7924543	8061774	8056690	1.61	cps
Magnesium	24-2	63855995	62821101	63174672	63283923	0.83	cps
Manganese	55-2	8827525	8583987	8869771	8760428	1.76	cps
Molybdenum	94-1	22754282	22881995	22772824	22803034	0.30	cps
Molybdenum	95-1	32953339	32217730	32977617	32716229	1.32	cps
Molybdenum	96-1	36322497	35677986	36103859	36034781	0.91	cps
Molybdenum	97-1	19890836	19881585	19886034	19886152	0.02	cps
Molybdenum	98-1	52418427	50804771	50467851	51230350	2.04	cps
Neodymium	150-1	653	580	560	598	8.22	cps
Neodymium	150-2	60	33	67	53	33.08	cps
Nickel	60-2	750657	756276	743119	750017	0.88	cps
Phosphorus	31-2	54471	54705	54220	54465	0.45	cps
Potassium	39-2	24024509	24583163	24676210	24427961	1.44	cps
Rhodium	103-1	12819346	12303546	13062253	12728382	3.04	cps
Rhodium	103-2	4677572	4772070	4734894	4728179	1.01	cps
Scandium	45-1	11732948	12010611	12162074	11968544	1.82	cps
Scandium	45-2	297418	300896	302165	300160	0.82	cps
Selenium	82-1	148063	149302	148377	148581	0.43	cps
Selenium	77-2	3797	3821	3717	3778	1.43	cps
Selenium	78-2	12846	12620	12864	12777	1.07	cps
Silicon	28-1	40998819	44055613	42450144	42501525	3.60	cps
Silver	107-1	8761746	8429123	8446494	8545787	2.19	cps
Silver	109-1	8211942	8128643	8201971	8180852	0.56	cps
Sodium	23-2	117999169	119760569	121409140	119722960	1.42	cps
Strontium	86-1	2346884	2396263	2341471	2361539	1.28	cps
Strontium	88-1	19939071	20333194	19767557	20013274	1.45	cps
Sulfur	34-1	1190352	1250286	1162102	1200913	3.75	cps
Terbium	159-1	16758134	16470082	16543410	16590542	0.90	cps
Terbium	159-2	5841803	5798061	5662639	5767501	1.62	cps
Thallium	203-1	4659563	4942747	4839010	4813773	2.98	cps
Thallium	205-1	11592038	11617903	11534043	11581328	0.37	cps
Tin	118-1	5176368	5165742	5026126	5122745	1.64	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2022-04-11 02:48:12	DataFile Name :	248CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11089480	11111203	11033318	11078001	0.36	cps
Uranium	238-1	15087206	15307070	15122881	15172386	0.78	cps
Vanadium	51-2	1333015	1298366	1251465	1294282	3.16	cps
Ytterbium	172-1	242	275	275	264	7.29	cps
Ytterbium	172-2	122	78	122	107	23.89	cps
Ytterbium	176-1	22286	24081	23739	23369	4.08	cps
Ytterbium	176-2	13435	14230	14136	13934	3.12	cps
Yttrium	89-1	24662744	25203110	24736757	24867537	1.18	cps
Yttrium	89-2	2239652	2289724	2216846	2248741	1.66	cps
Zinc	66-2	2630831	2648770	2569426	2616342	1.59	cps
Zirconium	90-1	11865479	12031060	11882363	11926301	0.76	cps
Zirconium	91-1	2653138	2672185	2673315	2666213	0.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231	235	215	227	4.68	cps
Antimony	121-1	3567	3367	3601	3512	3.59	cps
Arsenic	75-2	15	16	20	17	15.56	cps
Barium	135-1	475	317	392	394	20.08	cps
Barium	137-1	700	633	550	628	11.97	cps
Beryllium	9-1	248	226	190	221	13.23	cps
Bismuth	209-1	9846360	10117092	9668562	9877338	2.29	cps
Bismuth	209-2	4195687	4090369	3984007	4090021	2.59	cps
Boron	10-1	26297	24376	22659	24444	7.44	cps
Boron	11-1	117759	111166	106461	111795	5.08	cps
Bromine	81-1	68309	73052	69707	70356	3.46	cps
Cadmium	111-1	1548	1450	1540	1513	3.60	cps
Cadmium	106-1	6935	6585	7085	6869	3.74	cps
Cadmium	108-1	38	83	50	57	41.60	cps
Calcium	43-1	905	792	684	794	13.94	cps
Calcium	44-1	25758	24134	23468	24453	4.82	cps
Carbon	12-1	7220580	6938889	7219481	7126317	2.28	cps
Carbon	12-2	65772	64651	64668	65031	0.99	cps
Chlorine	35-1	358558	361450	361435	360481	0.46	cps
Chlorine	35-2	2317	2117	2209	2214	4.52	cps
Chromium	52-2	1310	1123	1120	1185	9.18	cps
Cobalt	59-2	107	137	123	122	12.30	cps
Copper	63-2	1597	1450	1577	1541	5.16	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	108	108	100	106	4.56	cps
Erbium	164-2	33	30	53	39	32.45	cps
Gadolinium	160-1	67	75	117	86	31.11	cps
Gadolinium	160-2	87	73	100	87	15.39	cps
Holmium	165-1	16865944	16880197	16700621	16815588	0.59	cps
Holmium	165-2	5942002	5791588	5772452	5835347	1.59	cps
Indium	115-1	15609566	15634751	15608024	15617447	0.10	cps
Indium	115-2	2023940	1985199	1985184	1998108	1.12	cps
Iron	54-2	1889	1795	1895	1859	3.02	cps
Iron	56-2	27911	26469	27866	27416	2.99	cps
Iron	57-2	639	722	767	709	9.15	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	13879	13806	13748	13811	0.48	cps
Lead	206-1	2628	2411	2406	2482	5.11	cps
Lead	207-1	2300	2200	2161	2221	3.23	cps
Lead	208-1	10029	9485	9324	9613	3.85	cps
Lithium	6-1	9388169	8548589	8294920	8743892	6.54	cps
Magnesium	24-2	2459	2184	2225	2289	6.48	cps
Manganese	55-2	390	400	323	371	11.23	cps
Molybdenum	94-1	2509	1984	1675	2056	20.50	cps
Molybdenum	95-1	3034	2159	2134	2442	20.99	cps
Molybdenum	96-1	3267	2717	2584	2856	12.69	cps
Molybdenum	97-1	1592	1258	1233	1361	14.70	cps
Molybdenum	98-1	4292	3351	3476	3706	13.80	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	70	60	74	22.98	cps
Phosphorus	31-2	92	67	67	75	19.24	cps
Potassium	39-2	20557	20649	20682	20629	0.31	cps
Rhodium	103-1	15400365	14500095	14818464	14906308	3.06	cps
Rhodium	103-2	5411342	5337971	5271005	5340106	1.31	cps
Scandium	45-1	12562526	12735574	12598482	12632194	0.72	cps
Scandium	45-2	313569	306077	305853	308500	1.42	cps
Selenium	82-1	-94	106	73	28	377.89	cps
Selenium	77-2	10	0	10	7	86.60	cps
Selenium	78-2	101	134	117	117	14.06	cps
Silicon	28-1	693047	677234	669618	679966	1.76	cps
Silver	107-1	1658	1450	1383	1497	9.58	cps
Silver	109-1	1467	1233	1067	1256	16.00	cps
Sodium	23-2	25314	24170	22818	24101	5.18	cps
Strontium	86-1	22569	21742	22535	22282	2.10	cps
Strontium	88-1	1267	1367	1158	1264	8.24	cps
Sulfur	34-1	386317	386023	381553	384631	0.69	cps
Terbium	159-1	17718357	17700661	17357413	17592143	1.16	cps
Terbium	159-2	6158799	5867387	5689592	5905259	4.01	cps
Thallium	203-1	1183	1125	1142	1150	2.61	cps
Thallium	205-1	2342	2359	2217	2306	3.36	cps
Tin	118-1	2025	2125	1834	1995	7.43	cps

LB Number :	LB119630	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
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Date & Time Acquired ::	2022-04-11 02:51:52	DataFile Name :	249CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1067	908	858	945	11.52	cps
Uranium	238-1	792	675	633	700	11.72	cps
Vanadium	51-2	60	57	30	49	33.63	cps
Ytterbium	172-1	83	125	50	86	43.64	cps
Ytterbium	172-2	33	44	6	28	72.10	cps
Ytterbium	176-1	2134	1950	2042	2042	4.49	cps
Ytterbium	176-2	6546	6596	6585	6576	0.40	cps
Yttrium	89-1	26866645	26592211	25085925	26181594	3.66	cps
Yttrium	89-2	2475248	2346571	2291555	2371125	3.98	cps
Zinc	66-2	320	213	260	264	20.22	cps
Zirconium	90-1	2284	2059	2209	2184	5.25	cps
Zirconium	91-1	508	308	392	403	24.94	cps