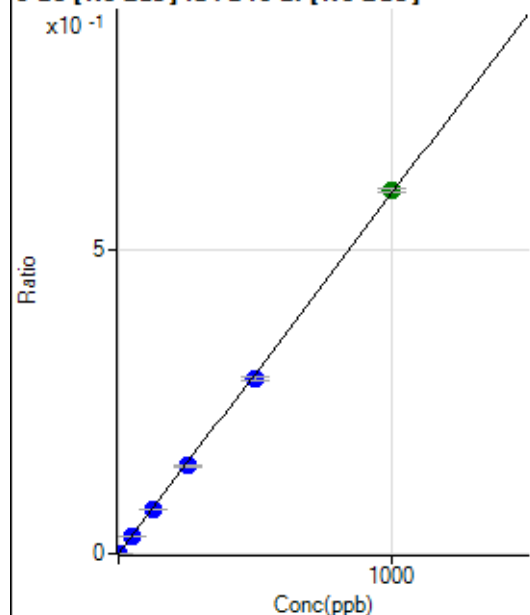


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8011422 MS.b\
Analysis File: P8011422 MS.batch.bin
DA Date-Time: 2022-01-14 17:03:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2022-01-14 14:22:16
2	007CAL.S.d	S02	2022-01-14 14:28:26
3	008CAL.S.d	S03	2022-01-14 14:31:31
4	009CAL.S.d	S04	2022-01-14 14:34:34
5	010CAL.S.d	S05	2022-01-14 14:37:40
6	011CAL.S.d	S06	2022-01-14 14:40:43
7	012CAL.S.d	S07	2022-01-14 14:43:49
8	013CAL.S.d	S08	2022-01-14 14:46:52

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.65	0.0000	P	10.6
2	☐	1.000	0.990	1225.14	0.0006	P	7.1
3	☐	50.000	50.074	58171.24	0.0297	P	0.9
4	☐	125.000	122.569	145748.03	0.0725	P	2.5
5	☐	250.000	243.489	292287.39	0.1441	P	3.6
6	☐	500.000	488.151	584958.76	0.2888	P	2.2
7	☐	1000.000	1007.853	1195389.91	0.5961	A	1.2
8	☐			855.86	0.0004	P	0.9

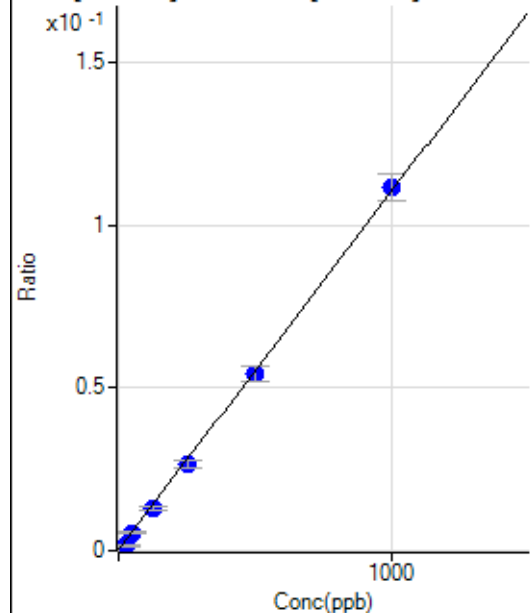
$$y = 5.9144\text{E-}004 * x + 4.2674\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02298$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	582.57	0.0003	P	10.0
2	☐	25.000	10.994	2949.06	0.0015	P	6.6
3	☐	50.000	46.011	10529.10	0.0054	P	10.1
4	☐	125.000	115.657	26210.22	0.0130	P	6.9
5	☐	250.000	237.264	53628.41	0.0264	P	9.2
6	☐	500.000	490.365	109993.29	0.0543	P	8.9
7	☐	1000.000	1009.719	223487.83	0.1115	P	7.6
8	☐			33952.57	0.0171	P	7.8

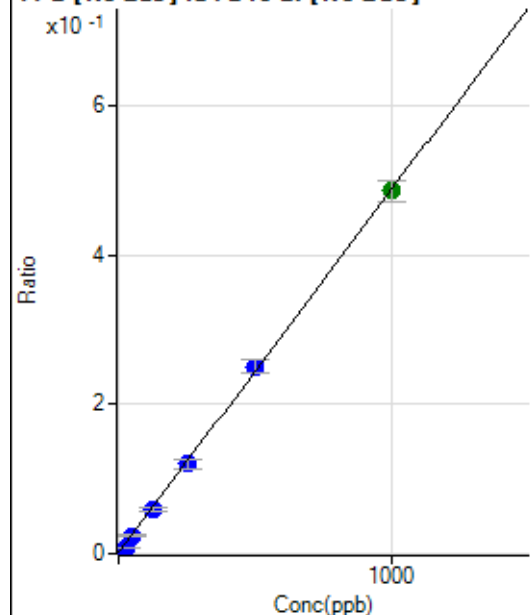
$$y = 1.1017\text{E-}004 * x + 3.0090\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.8206$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2691.73	0.0014	P	1.5
2	☐	25.000	11.520	13646.33	0.0070	P	4.1
3	☐	50.000	47.455	48035.37	0.0245	P	9.5
4	☐	125.000	120.830	121012.30	0.0602	P	7.7
5	☐	250.000	243.965	243761.46	0.1202	P	9.1
6	☐	500.000	512.439	508098.49	0.2509	P	6.6
7	☐	1000.000	996.275	975129.51	0.4865	A	5.8
8	☐			156015.41	0.0788	P	8.8

$$y = 4.8691\text{E-}004 * x + 0.0014$$

R = 0.9998

DL = 0.1319

Weight: <None>

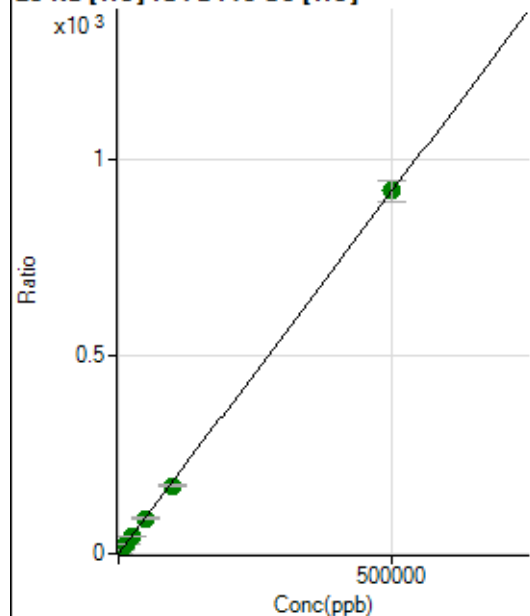
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4157744.32		A	1.9
2	☐			4284435.77		A	1.3
3	☐			4454621.11		A	1.5
4	☐			4613269.38		A	2.1
5	☐			4835362.26		A	3.1
6	☐			5468686.36		A	1.6
7	☐			6724697.55		A	2.7
8	☐			4995371.64		A	1.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			45203.82		P	1.5
2	☐			45738.81		P	1.3
3	☐			48422.19		P	0.8
4	☐			50579.90		P	2.3
5	☐			54786.61		P	2.3
6	☐			63909.39		P	1.5
7	☐			79390.23		P	2.8
8	☐			59448.73		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13164.60	0.0868	P	4.6
2	☐	500.000	428.511	132147.82	0.8730	P	1.5
3	☐	5000.000	4895.028	1376557.93	9.0682	A	1.4
4	☐	12500.000	12323.807	3366702.98	22.6985	A	3.0
5	☐	25000.000	24208.547	6734939.56	44.5045	A	0.3
6	☐	50000.000	48984.535	13533722.00	89.9634	A	0.6
7	☐	100000.00	94030.221	26393017.43	172.6130	A	2.9
8	☐	500000.00	501340.60	132351784.9	919.9443	A	5.5

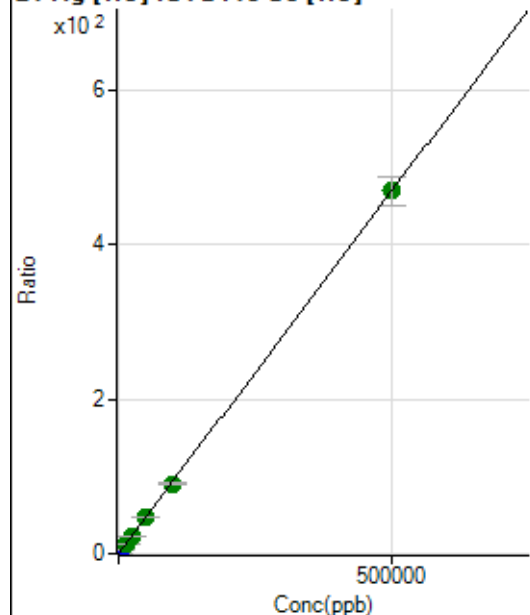
$$y = 0.0018 * x + 0.0868$$

$$R = 0.9999$$

$$DL = 6.538$$

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	363.90	0.0024	P	26.8
2	☐	500.000	446.953	63757.10	0.4212	P	3.0
3	☐	5000.000	4769.090	678844.18	4.4717	P	1.7
4	☐	12500.000	12958.940	1801483.74	12.1466	A	6.1
5	☐	25000.000	24978.514	3542445.04	23.4105	A	0.7
6	☐	50000.000	50312.791	7094106.76	47.1521	A	1.5
7	☐	100000.00	96654.038	13849871.67	90.5799	A	2.1
8	☐	500000.00	500629.87	67451003.59	469.1585	A	7.6

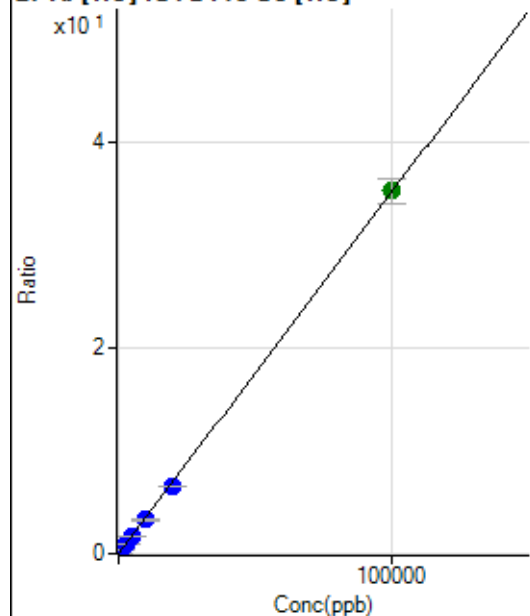
$$y = 9.3713\text{E-}004 * x + 0.0024$$

$$R = 1.0000$$

$$DL = 2.052$$

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	85.82	0.0006	P	10.1
2	☐	20.000	16.410	956.17	0.0063	P	4.2
3	☐	1000.000	978.515	52162.22	0.3436	P	1.1
4	☐	2500.000	2426.152	126255.87	0.8512	P	0.2
5	☐	5000.000	4711.961	250056.41	1.6526	P	1.4
6	☐	10000.000	9381.878	494896.42	3.2900	P	1.7
7	☐	20000.000	18467.866	990133.76	6.4756	P	0.7
8	☐	100000.00	100384.70	5061685.42	35.1967	A	6.6

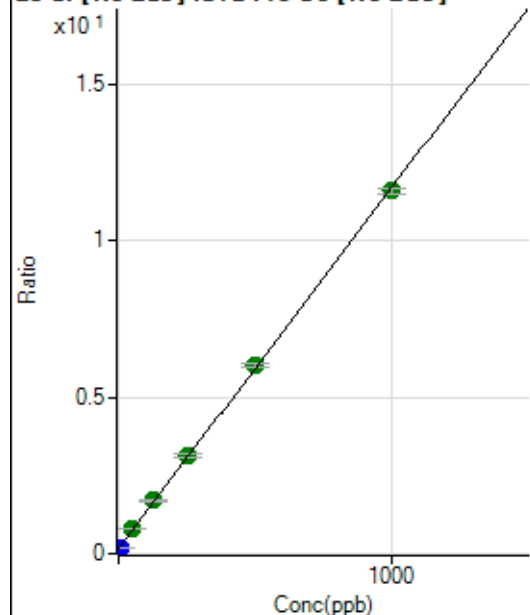
$$y = 3.5061\text{E-}004 * x + 5.6552\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.4884$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	609031.51	0.1715	P	1.7
2	☐	10.000	0.544	644837.79	0.1777	P	2.1
3	☐	50.000	53.094	2854679.77	0.7822	A	1.1
4	☐	125.000	132.122	6240948.01	1.6913	A	3.1
5	☐	250.000	258.796	11682372.92	3.1484	A	3.9
6	☐	500.000	509.220	22566841.13	6.0291	A	2.0
7	☐	1000.000	992.241	42520809.98	11.5854	A	1.9
8	☐			1204114.25	0.3334	A	0.4

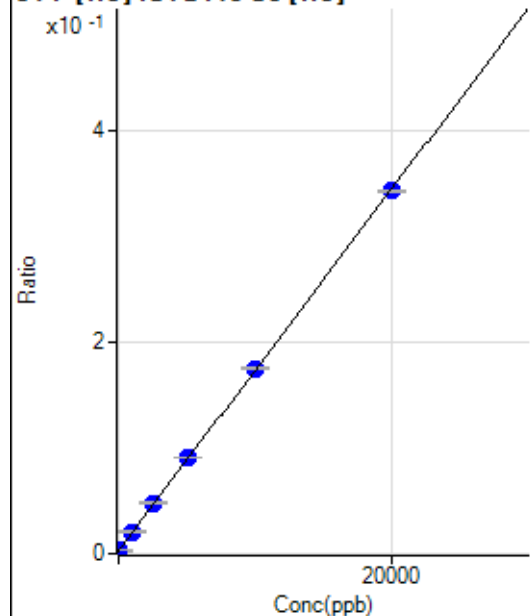
$$y = 0.0115 * x + 0.1715$$

$$R = 0.9998$$

$$DL = 0.7742$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.984	352.79	0.0023	P	2.6
2	☐	0.000	18.984	450.02	0.0030	P	3.4
3	☐	1000.000	1054.084	3130.97	0.0206	P	3.3
4	☐	2500.000	2621.975	7026.89	0.0474	P	3.3
5	☐	5000.000	5166.661	13737.42	0.0908	P	1.5
6	☐	10000.000	10061.759	26215.97	0.1743	P	1.2
7	☐	20000.000	19909.504	52334.21	0.3423	P	0.7
8	☐			386.13	0.0027	P	27.6

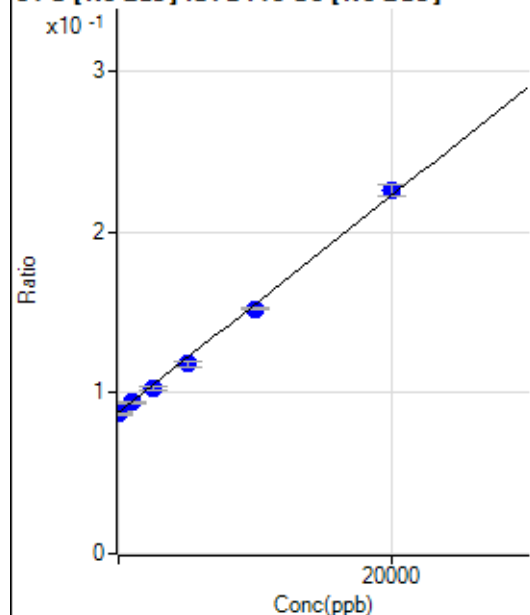
$$y = 1.7058E-005 * x + 0.0026$$

$$R = 0.9999$$

$$DL = 14.27$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	158.120	316082.99	0.0890	P	1.4
2	☐	0.000	-158.120	315166.52	0.0869	P	1.6
3	☐	1000.000	928.123	343727.42	0.0942	P	0.7
4	☐	2500.000	2257.413	380663.28	0.1032	P	2.5
5	☐	5000.000	4448.165	437612.64	0.1179	P	3.1
6	☐	10000.000	9528.593	569709.74	0.1522	P	0.9
7	☐	20000.000	20407.580	827739.61	0.2256	P	3.2
8	☐			296151.36	0.0820	P	1.1

$$y = 6.7464E-006 * x + 0.0879$$

R = 0.9991

DL = 588.6

Weight: <None>

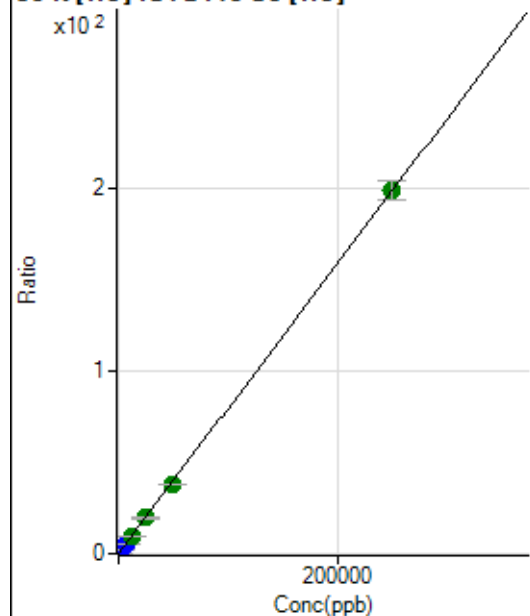
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			393332.67		P	0.5
2	☐			337063.80		P	0.9
3	☐			306691.95		P	1.8
4	☐			295071.45		P	0.7
5	☐			304125.84		P	2.5
6	☐			284275.54		P	0.4
7	☐			267555.11		P	1.1
8	☐			252920.54		P	1.2

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3522.75		P	2.9
2	☐			3206.00		P	2.2
3	☐			2880.93		P	2.5
4	☐			2775.35		P	0.8
5	☐			2494.74		P	3.0
6	☐			2516.95		P	2.2
7	☐			2575.31		P	9.0
8	☐			2316.92		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21989.38	0.1449	P	1.0
2	☐	500.000	424.892	72929.17	0.4819	P	2.8
3	☐	2500.000	2352.170	305149.70	2.0102	P	1.3
4	☐	6250.000	6057.634	734022.10	4.9487	P	0.7
5	☐	12500.000	12373.080	1506671.04	9.9570	A	0.7
6	☐	25000.000	24474.243	2941335.96	19.5534	A	0.8
7	☐	50000.000	47605.001	5794681.07	37.8965	A	1.8
8	☐	250000.00	250544.35	28606655.50	198.8307	A	5.3

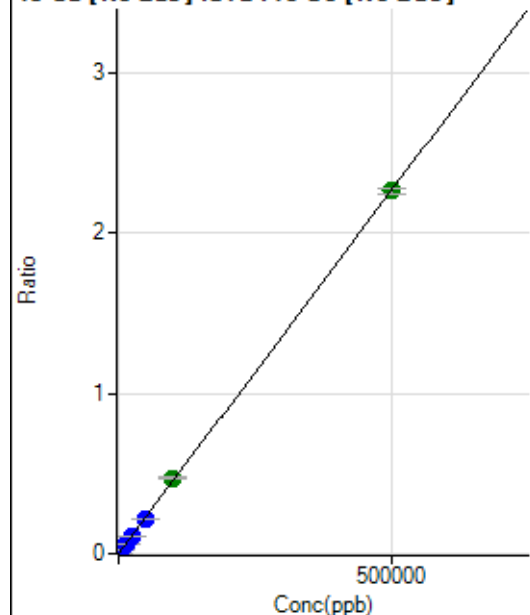
$$y = 7.9302\text{E-}004 * x + 0.1449$$

$$R = 1.0000$$

$$DL = 5.506$$

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	301.64	0.0001	P	1.6
2	☐	500.000	436.852	7488.11	0.0021	P	2.3
3	☐	5000.000	4925.725	81734.33	0.0224	P	1.3
4	☐	12500.000	12161.717	203592.42	0.0552	P	2.9
5	☐	25000.000	24175.939	406719.81	0.1096	P	2.0
6	☐	50000.000	47740.636	809733.28	0.2163	P	1.3
7	☐	100000.00	104403.51	1736326.26	0.4730	A	0.8
8	☐	500000.00	499395.69	8170086.67	2.2621	A	1.5

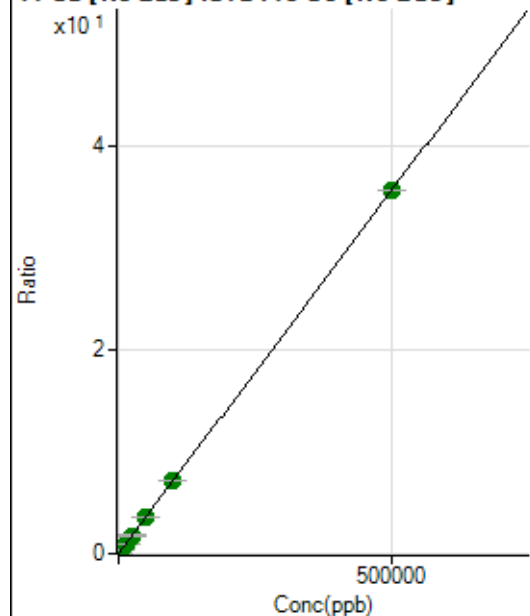
$$y = 4.5296\text{E-}006 * x + 8.4921\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.8884$$

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	15026.38	0.0042	P	3.2
2	☐	500.000	446.443	130962.08	0.0361	P	0.8
3	☐	5000.000	5288.583	1392719.61	0.3816	A	2.5
4	☐	12500.000	12864.424	3403889.31	0.9222	A	1.4
5	☐	25000.000	25048.867	6649532.10	1.7917	A	2.0
6	☐	50000.000	50274.304	13444195.54	3.5918	A	1.4
7	☐	100000.00	101157.56	26511972.71	7.2227	A	1.1
8	☐	500000.00	499726.67	128822321.5	35.6643	A	0.1

$$y = 7.1359\text{E-}005 * x + 0.0042$$

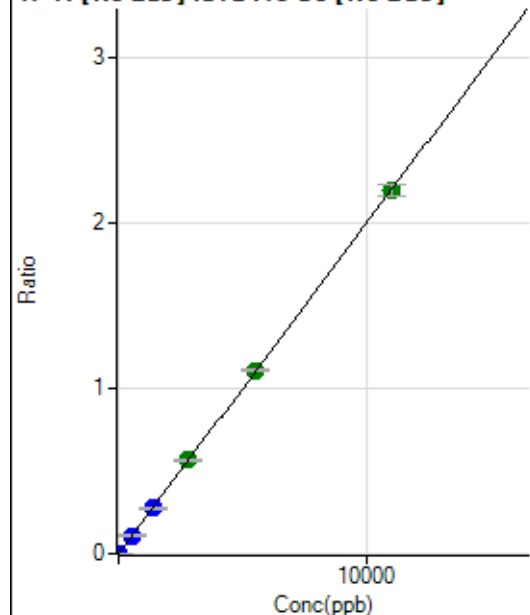
$$R = 1.0000$$

$$DL = 5.659$$

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	186.12	0.0001	P	18.6
2	☐	5.000	4.862	3717.24	0.0010	P	7.0
3	☐	550.000	551.226	402057.22	0.1102	P	1.8
4	☐	1375.000	1373.010	1012495.10	0.2743	P	1.9
5	☐	2750.000	2822.042	2092497.29	0.5638	A	2.4
6	☐	5500.000	5531.358	4136343.41	1.1051	A	1.1
7	☐	11000.000	10966.498	8039425.79	2.1909	A	3.0
8	☐			2814.39	0.0008	P	15.5

$$y = 1.9977E-004 * x + 5.2292E-005$$

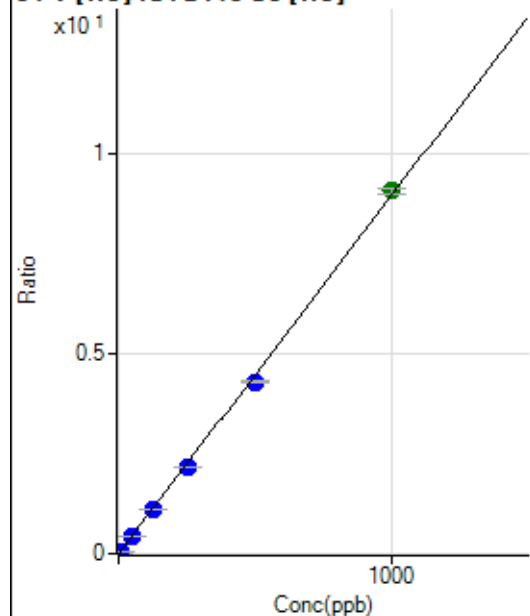
$$R = 1.0000$$

$$DL = 0.1462$$

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	5.55	0.0000	P	124.3
2	☐	5.000	4.547	6156.94	0.0407	P	3.0
3	☐	50.000	48.796	66216.94	0.4363	P	2.2
4	☐	125.000	122.105	161918.05	1.0917	P	1.4
5	☐	250.000	242.116	327518.48	2.1646	P	1.3
6	☐	500.000	478.889	643990.14	4.2813	P	1.4
7	☐	1000.000	1012.951	1384640.13	9.0558	A	1.7
8	☐			638.91	0.0045	P	31.4

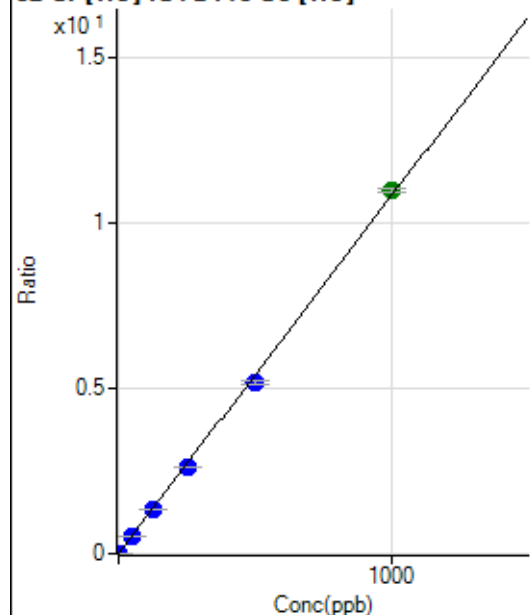
$$y = 0.0089 * x + 3.6253E-005$$

$$R = 0.9996$$

$$DL = 0.01512$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	704.47	0.0046	P	0.7
2	☐	2.000	1.857	3741.64	0.0247	P	5.9
3	☐	50.000	48.785	80814.99	0.5324	P	2.0
4	☐	125.000	123.979	199640.61	1.3460	P	1.0
5	☐	250.000	240.948	395129.68	2.6115	P	1.5
6	☐	500.000	477.424	777696.10	5.1699	P	1.4
7	☐	1000.000	1013.740	1677709.89	10.9723	A	0.9
8	☐			4322.92	0.0301	P	6.8

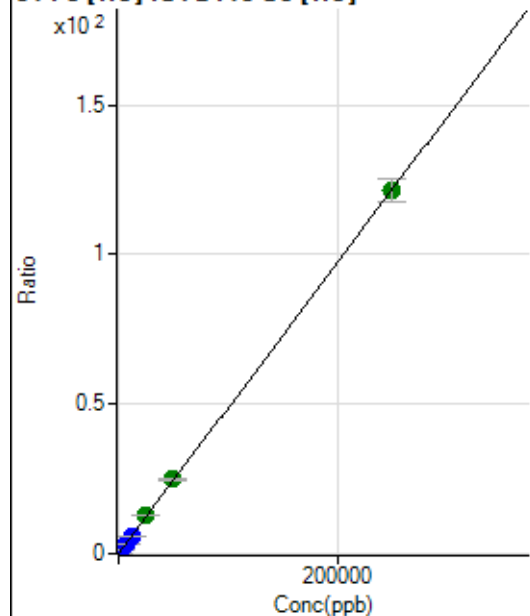
$$y = 0.0108 * x + 0.0046$$

$$R = 0.9996$$

$$DL = 0.008956$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	583.36	0.0038	P	8.9
2	☐	50.000	45.031	3889.49	0.0257	P	6.0
3	☐	2500.000	2421.497	179018.97	1.1794	P	1.6
4	☐	6250.000	6168.206	444712.64	2.9983	P	1.6
5	☐	12500.000	12066.925	886779.86	5.8619	P	3.2
6	☐	25000.000	26036.910	1902007.54	12.6437	A	0.7
7	☐	50000.000	50960.641	3783240.36	24.7432	A	0.7
8	☐	250000.00	249728.66	17436692.17	121.2373	A	6.4

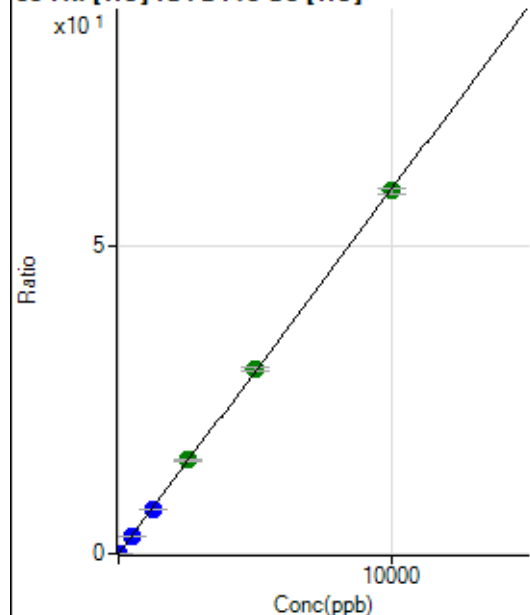
$$y = 4.8546E-004 * x + 0.0038$$

$$R = 1.0000$$

$$DL = 2.112$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0005	P	14.4
2	☐	1.000	0.936	910.04	0.0060	P	1.7
3	☐	500.000	480.781	431644.28	2.8436	P	1.2
4	☐	1250.000	1229.285	1078302.35	7.2700	P	1.6
5	☐	2500.000	2559.842	2290377.69	15.1384	A	2.2
6	☐	5000.000	5066.045	4506106.25	29.9592	A	1.8
7	☐	10000.000	9955.567	9002206.67	58.8740	A	1.6
8	☐			6655.12	0.0465	P	18.2

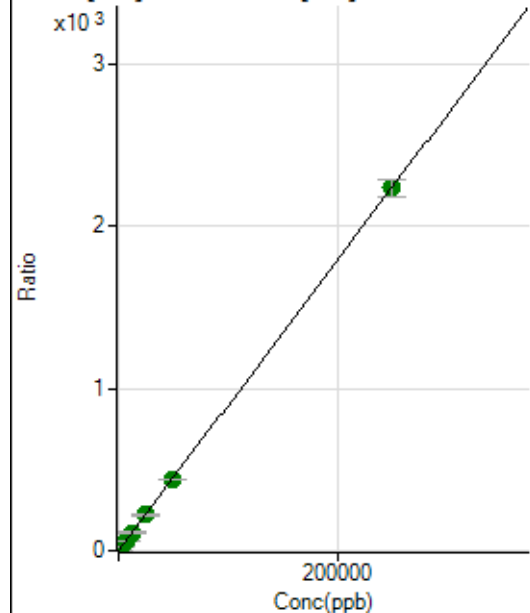
$$y = 0.0059 * x + 4.7576E-004$$

$$R = 0.9999$$

$$DL = 0.03472$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3559.76	0.0235	P	2.1
2	☐	50.000	44.159	63316.54	0.4183	P	2.3
3	☐	2500.000	2513.499	3415125.14	22.4993	A	1.4
4	☐	6250.000	6384.618	8471543.82	57.1151	A	2.0
5	☐	12500.000	12539.159	16969502.00	112.1494	A	2.1
6	☐	25000.000	24623.870	33122414.86	220.2116	A	1.7
7	☐	50000.000	49227.611	67312117.71	440.2198	A	1.0
8	☐	250000.00	250186.63	321949233.1	2,237.207	A	4.7

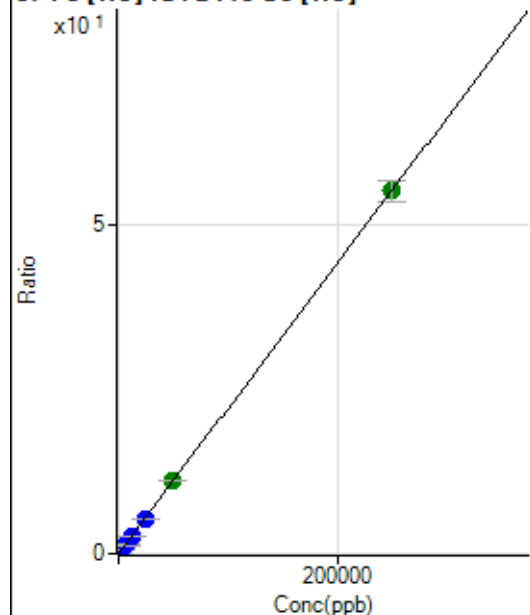
$$y = 0.0089 * x + 0.0235$$

$$R = 1.0000$$

$$DL = 0.164$$

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	275.93	0.0018	P	3.3
2	☐	50.000	44.236	1752.00	0.0116	P	6.7
3	☐	2500.000	2376.322	79865.73	0.5262	P	2.6
4	☐	6250.000	5980.816	196027.64	1.3216	P	1.7
5	☐	12500.000	11851.012	396025.00	2.6170	P	0.9
6	☐	25000.000	23487.889	779867.82	5.1850	P	1.7
7	☐	50000.000	50122.784	1691522.30	11.0626	A	1.1
8	☐	250000.00	250167.07	7940436.98	55.2069	A	6.1

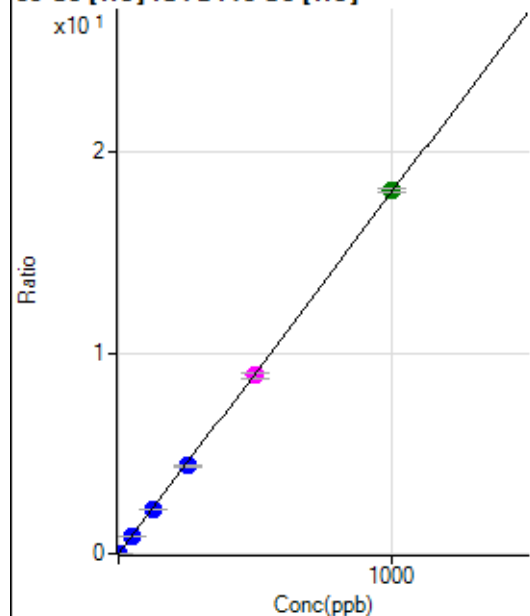
$$y = 2.2067E-004 * x + 0.0018$$

$$R = 1.0000$$

$$DL = 0.8098$$

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	78.89	0.0005	P	20.6
2	☐	1.000	0.937	2628.05	0.0174	P	2.8
3	☐	50.000	49.493	135125.78	0.8901	P	0.3
4	☐	125.000	124.381	331684.05	2.2362	P	1.2
5	☐	250.000	243.281	661694.64	4.3734	P	2.2
6	☐	500.000	493.849	1335825.80	8.8773	M	3.5
7	☐	1000.000	1004.858	2761721.73	18.0624	A	0.9
8	☐			7051.84	0.0490	P	4.3

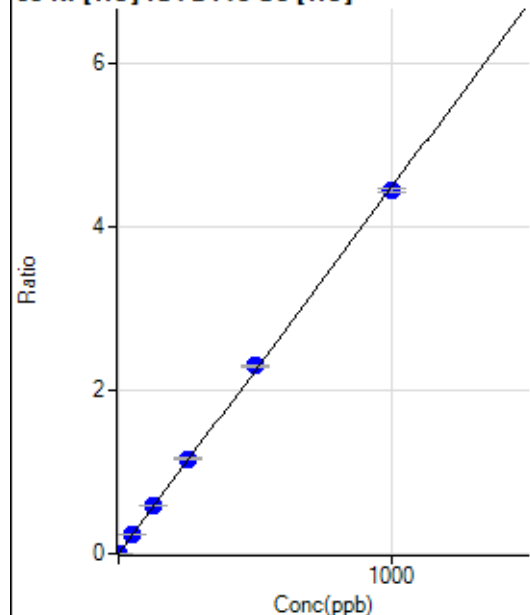
$$y = 0.0180 * x + 5.2040E-004$$

$$R = 0.9999$$

$$DL = 0.01788$$

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	156.67	0.0010	P	5.3
2	☐	1.000	1.012	843.37	0.0056	P	1.2
3	☐	50.000	53.211	36382.15	0.2397	P	2.5
4	☐	125.000	132.637	88390.64	0.5959	P	0.6
5	☐	250.000	258.801	175800.77	1.1618	P	0.7
6	☐	500.000	512.799	346107.97	2.3009	P	1.1
7	☐	1000.000	990.285	679253.51	4.4425	P	1.2
8	☐			2165.74	0.0151	P	8.2

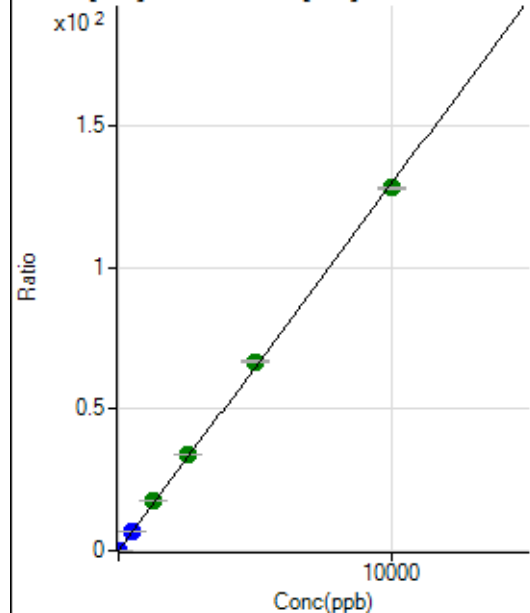
$$y = 0.0045 * x + 0.0010$$

$$R = 0.9998$$

$$DL = 0.03686$$

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	626.69	0.0041	P	3.6
2	☐	2.000	1.957	4459.63	0.0295	P	5.2
3	☐	500.000	505.021	993522.18	6.5455	P	1.8
4	☐	1250.000	1350.366	2594885.26	17.4950	A	1.8
5	☐	2500.000	2619.537	5134591.49	33.9343	A	2.0
6	☐	5000.000	5143.792	10022334.02	66.6302	A	1.1
7	☐	10000.000	9885.423	19578562.48	128.0473	A	0.8
8	☐			11875.68	0.0829	P	19.9

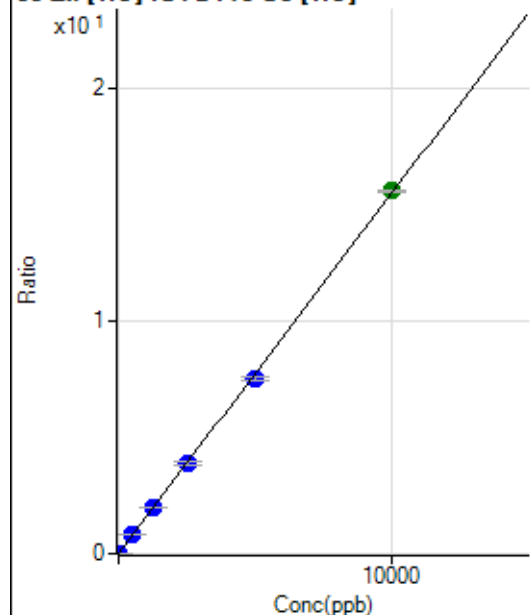
$$y = 0.0130 * x + 0.0041$$

$$R = 0.9997$$

$$DL = 0.03403$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	112.23	0.0007	P	13.3
2	☐	2.000	2.130	610.02	0.0040	P	7.4
3	☐	500.000	516.176	121205.00	0.7985	P	1.4
4	☐	1250.000	1271.993	291690.07	1.9666	P	2.4
5	☐	2500.000	2511.840	587379.91	3.8828	P	3.4
6	☐	5000.000	4848.547	1127106.17	7.4943	P	2.7
7	☐	10000.000	10069.209	2379606.67	15.5629	A	0.6
8	☐			6443.77	0.0448	P	7.9

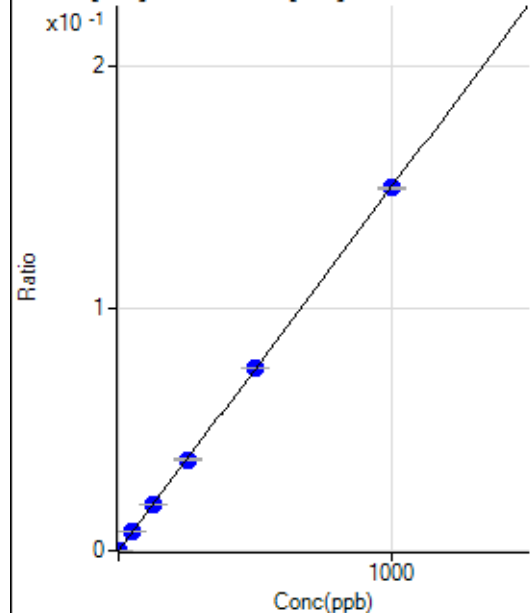
$$y = 0.0015 * x + 7.4034E-004$$

$$R = 0.9998$$

$$DL = 0.1917$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.67	0.0000	P	28.9
2	☐	1.000	1.005	156.02	0.0002	P	9.6
3	☐	50.000	51.200	7487.41	0.0077	P	2.8
4	☐	125.000	127.256	18241.24	0.0191	P	1.2
5	☐	250.000	250.995	36607.88	0.0377	P	1.5
6	☐	500.000	503.238	72602.36	0.0756	P	0.6
7	☐	1000.000	997.790	145178.03	0.1499	P	0.6
8	☐			101.34	0.0001	P	35.0

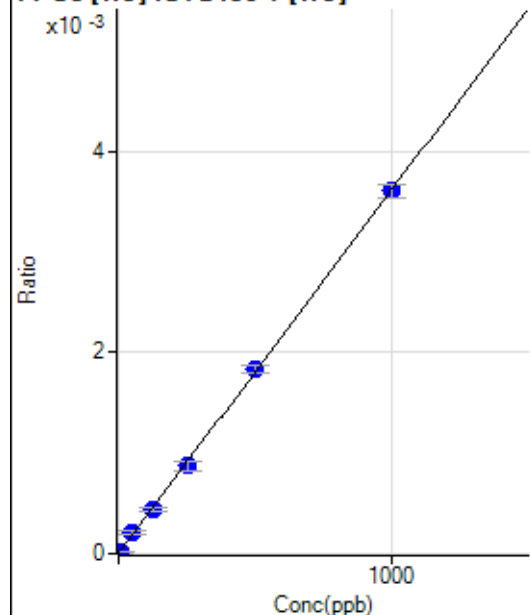
$$y = 1.5024E-004 * x + 8.7823E-006$$

$$R = 1.0000$$

$$DL = 0.05073$$

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	3.33	0.0000	P	100.0
2	☐	5.000	4.717	20.00	0.0000	P	32.3
3	☐	50.000	56.389	201.12	0.0002	P	17.8
4	☐	125.000	122.641	425.57	0.0004	P	8.5
5	☐	250.000	240.711	846.70	0.0009	P	10.6
6	☐	500.000	508.748	1767.91	0.0018	P	3.7
7	☐	1000.000	997.925	3493.81	0.0036	P	3.7
8	☐			3.33	0.0000	P	102.7

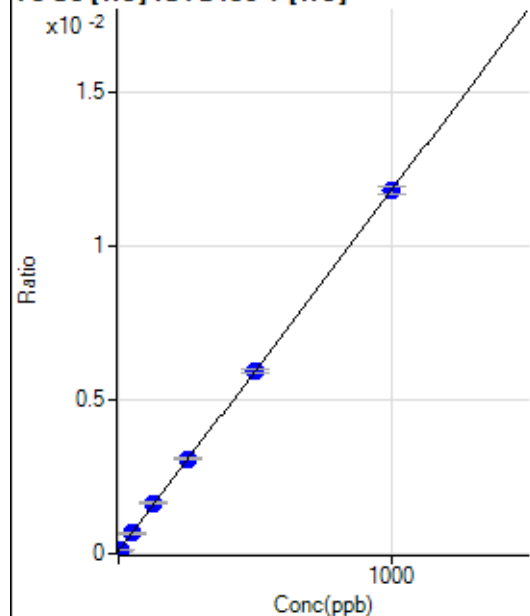
$$y = 3.6119\text{E-}006 * x + 3.3834\text{E-}006$$

$$R = 0.9999$$

$$DL = 2.809$$

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	82.01	0.0001	P	5.6
2	☐	5.000	5.499	144.02	0.0001	P	8.9
3	☐	50.000	50.656	657.08	0.0007	P	7.2
4	☐	125.000	132.296	1556.25	0.0016	P	3.4
5	☐	250.000	255.102	2979.29	0.0031	P	1.5
6	☐	500.000	499.250	5690.74	0.0059	P	1.5
7	☐	1000.000	998.152	11395.44	0.0118	P	2.0
8	☐			80.01	0.0001	P	7.9

$$y = 1.1706\text{E-}005 * x + 8.3141\text{E-}005$$

$$R = 1.0000$$

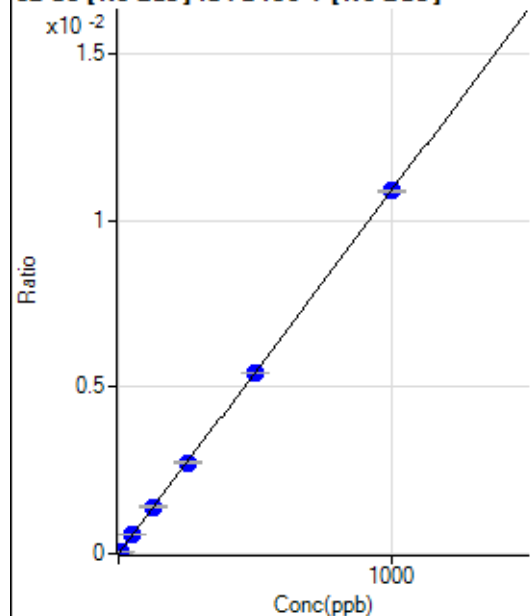
$$DL = 1.192$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23266.63		P	0.7
2	☐			22591.82		P	1.5
3	☐			23099.90		P	2.7
4	☐			22862.25		P	1.6
5	☐			21970.03		P	5.2
6	☐			21211.32		P	1.3
7	☐			22087.03		P	4.7
8	☐			22043.54		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-9.34	0.0000	P	-705.
2	☐	5.000	4.548	355.79	0.0000	P	18.8
3	☐	50.000	53.314	4308.17	0.0006	P	1.0
4	☐	125.000	129.615	10521.97	0.0014	P	2.3
5	☐	250.000	251.493	20665.41	0.0027	P	0.6
6	☐	500.000	498.693	41051.10	0.0054	P	0.6
7	☐	1000.000	999.540	80990.20	0.0109	P	0.3
8	☐			124.22	0.0000	P	9.3

$$y = 1.0885E-005 * x - 1.3613E-006$$

$$R = 1.0000$$

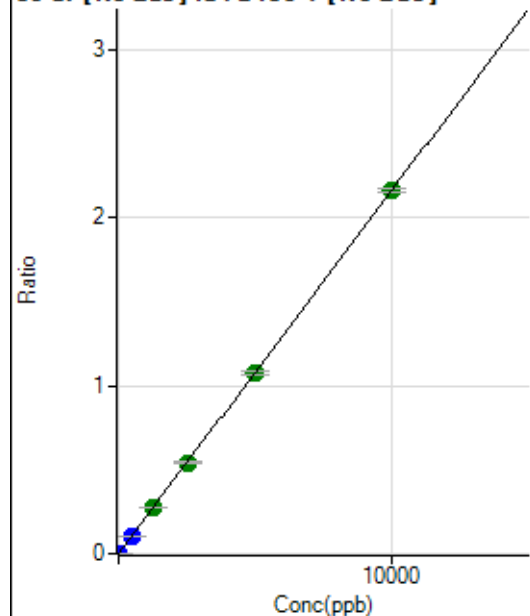
$$DL = 2.648$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			650.02		P	9.0
2	☐			690.02		P	13.2
3	☐			585.57		P	5.6
4	☐			658.91		P	6.3
5	☐			653.35		P	3.3
6	☐			612.24		P	9.3
7	☐			678.92		P	11.4
8	☐			701.14		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1030.62	0.0001	P	7.6
2	☐	1.000	0.995	2633.67	0.0004	P	6.3
3	☐	500.000	497.184	800421.42	0.1076	P	1.7
4	☐	1250.000	1279.376	2064704.75	0.2766	A	1.5
5	☐	2500.000	2515.062	4105446.19	0.5436	A	1.4
6	☐	5000.000	4988.996	8155145.49	1.0781	A	2.0
7	☐	10000.000	9998.205	16084718.76	2.1605	A	0.9
8	☐			16006.08	0.0021	P	20.4

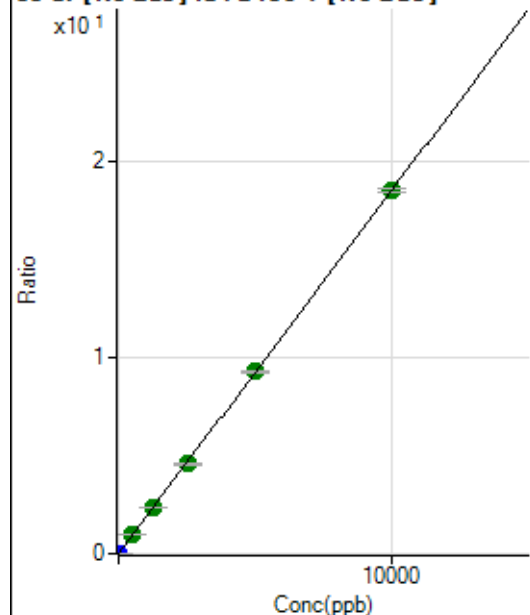
$$y = 2.1607E-004 * x + 1.4209E-004$$

$$R = 1.0000$$

$$DL = 0.1509$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	41.7
2	☐	1.000	0.941	12942.41	0.0018	P	3.8
3	☐	500.000	514.262	7078794.86	0.9513	A	1.5
4	☐	1250.000	1268.322	17517048.13	2.3462	A	0.6
5	☐	2500.000	2465.841	34451964.31	4.5615	A	1.0
6	☐	5000.000	5014.493	70167350.18	9.2762	A	1.8
7	☐	10000.000	9998.290	137701387.8	18.4955	A	1.1
8	☐			122196.33	0.0164	P	5.7

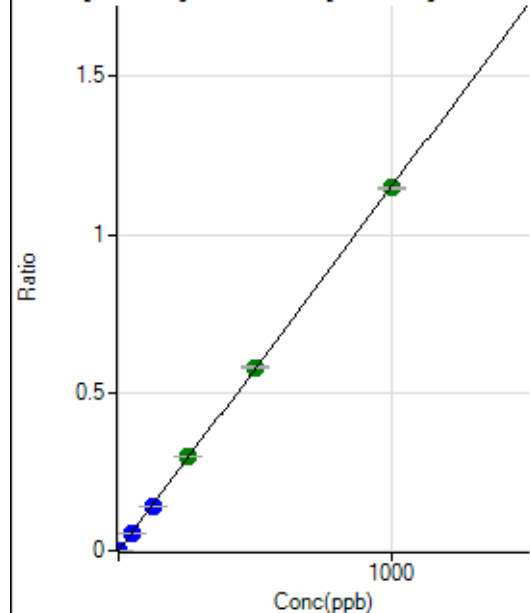
$$y = 0.0018 * x + 1.4200E-005$$

$$R = 1.0000$$

$$DL = 0.009599$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.13	0.0001	P	13.8
2	☐	1.000	0.897	8038.67	0.0011	P	3.5
3	☐	50.000	49.372	423576.16	0.0569	P	1.8
4	☐	125.000	123.452	1062133.72	0.1422	P	0.7
5	☐	250.000	258.000	2244755.95	0.2972	A	1.0
6	☐	500.000	503.228	4384778.18	0.5797	A	0.9
7	☐	1000.000	996.611	8546200.19	1.1479	A	0.9
8	☐			6757.49	0.0009	P	4.9

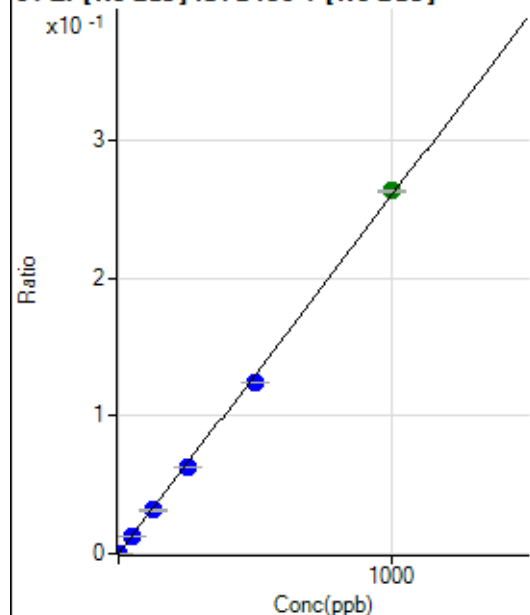
$$y = 0.0012 * x + 5.6713E-005$$

$$R = 0.9999$$

$$DL = 0.02046$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	21.6
2	☐	1.000	0.866	1794.61	0.0002	P	9.0
3	☐	50.000	48.428	93900.24	0.0126	P	1.3
4	☐	125.000	120.887	234965.31	0.0315	P	0.8
5	☐	250.000	242.171	476051.57	0.0630	P	0.8
6	☐	500.000	478.345	941635.15	0.1245	P	0.3
7	☐	1000.000	1013.378	1963199.18	0.2637	A	0.7
8	☐			1464.03	0.0002	P	16.0

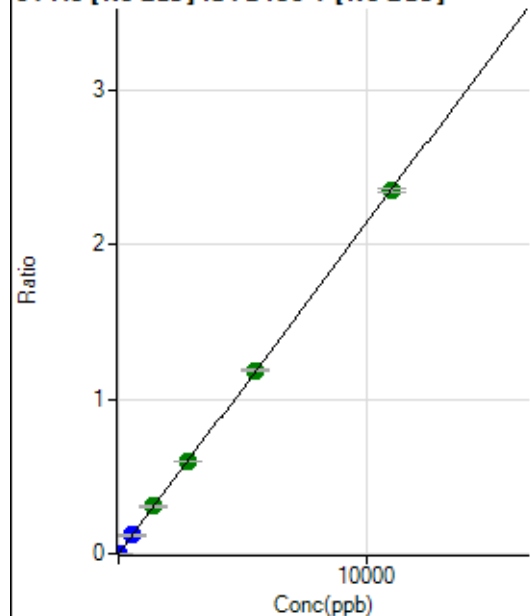
$$y = 2.6020\text{E-}004 * x + 1.7971\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.04471$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	10.7
2	☐	5.000	5.787	9342.29	0.0013	P	7.7
3	☐	550.000	553.625	883641.72	0.1188	P	1.8
4	☐	1375.000	1437.575	2301663.85	0.3083	A	2.0
5	☐	2750.000	2781.921	4506131.39	0.5966	A	1.0
6	☐	5500.000	5547.217	8999035.18	1.1897	A	1.1
7	☐	11000.000	10960.408	17498999.18	2.3506	A	1.0
8	☐			10186.03	0.0014	P	14.7

$$y = 2.1446\text{E-}004 * x + 2.6047\text{E-}005$$

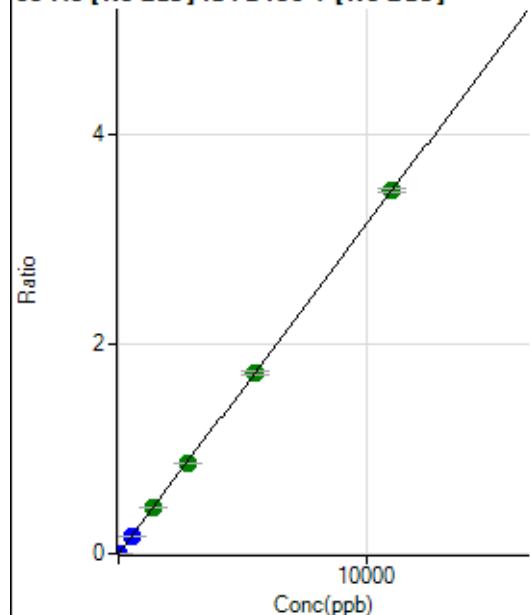
$$R = 1.0000$$

$$DL = 0.03892$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	54.6
2	☐	5.000	4.833	11254.95	0.0015	P	2.2
3	☐	550.000	540.345	1262417.40	0.1697	P	0.6
4	☐	1375.000	1398.926	3278325.42	0.4392	A	2.5
5	☐	2750.000	2742.297	6502454.66	0.8610	A	1.2
6	☐	5500.000	5486.581	13030042.04	1.7225	A	1.2
7	☐	11000.000	11006.127	25723893.28	3.4554	A	1.0
8	☐			12382.76	0.0017	P	20.4

$$y = 3.1395\text{E-}004 * x + 8.3927\text{E-}006$$

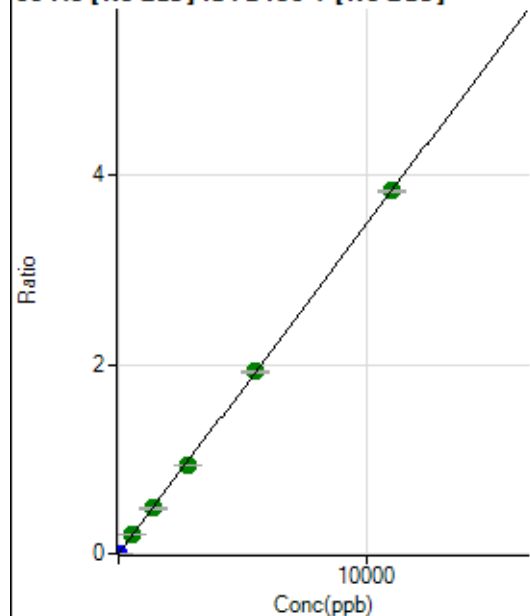
$$R = 1.0000$$

$$DL = 0.04378$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.56	0.0000	P	28.1
2	☐	5.000	4.837	12689.44	0.0017	P	2.7
3	☐	550.000	560.394	1455276.24	0.1956	A	1.8
4	☐	1375.000	1386.715	3612050.69	0.4839	A	3.1
5	☐	2750.000	2702.103	7121456.67	0.9429	A	0.6
6	☐	5500.000	5514.075	14554805.88	1.9241	A	0.3
7	☐	11000.000	11002.953	28583216.96	3.8394	A	0.7
8	☐			20136.78	0.0027	P	7.7

$$y = 3.4894\text{E-}004 * x + 3.1719\text{E-}005$$

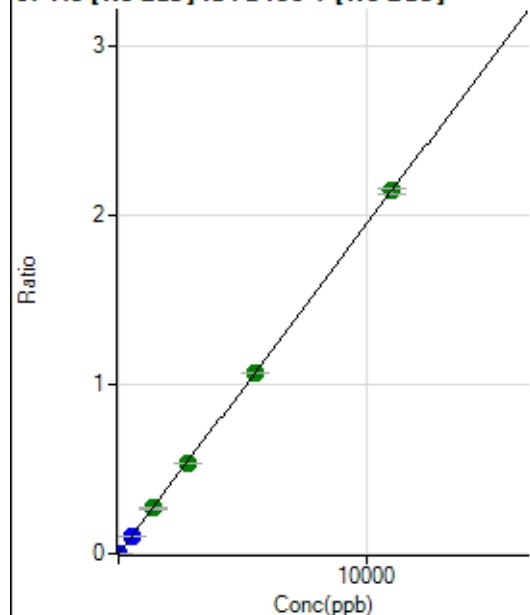
$$R = 1.0000$$

$$DL = 0.07657$$

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	61.11	0.0000	P	7.5
2	☐	5.000	4.903	7099.25	0.0010	P	2.4
3	☐	550.000	537.445	778167.50	0.1046	P	2.1
4	☐	1375.000	1390.267	2018827.28	0.2705	A	4.1
5	☐	2750.000	2760.565	4056853.61	0.5371	A	0.4
6	☐	5500.000	5477.947	8062707.73	1.0659	A	0.1
7	☐	11000.000	11007.105	15943904.70	2.1417	A	1.7
8	☐			7655.68	0.0010	P	21.1

$$y = 1.9457E-004 * x + 8.4218E-006$$

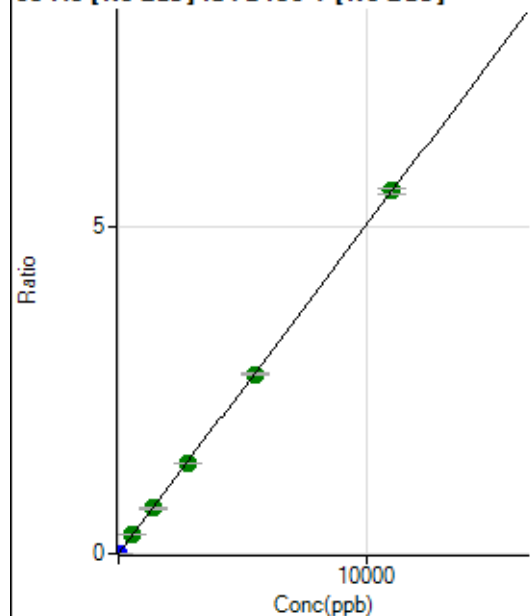
$$R = 1.0000$$

$$DL = 0.009695$$

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	122.23	0.0000	P	36.8
2	☐	5.000	4.878	18212.37	0.0025	P	6.0
3	☐	550.000	562.444	2104759.68	0.2829	A	2.3
4	☐	1375.000	1375.185	5161866.05	0.6916	A	3.1
5	☐	2750.000	2737.556	10397561.52	1.3767	A	0.7
6	☐	5500.000	5448.729	20726751.50	2.7401	A	1.4
7	☐	11000.000	11028.101	41285711.69	5.5458	A	1.3
8	☐			19324.93	0.0026	P	14.8

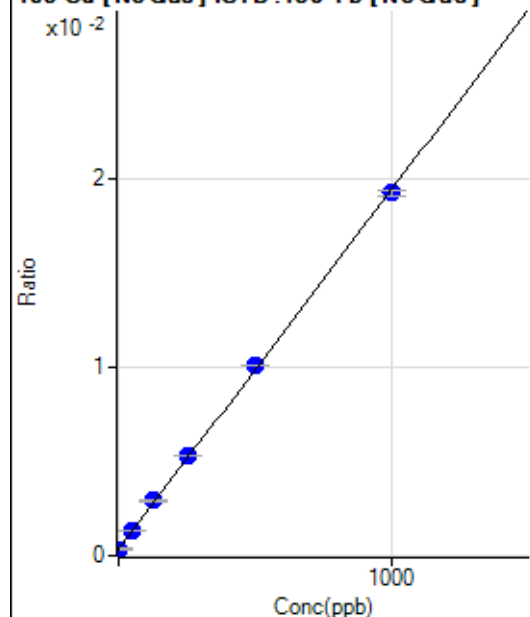
$$y = 5.0288E-004 * x + 1.6808E-005$$

$$R = 1.0000$$

$$DL = 0.03695$$

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	1833.51	0.0003	P	2.1
2	☐	1.000	0.511	1980.75	0.0003	P	6.6
3	☐	50.000	50.715	7416.08	0.0013	P	2.0
4	☐	125.000	134.876	16554.80	0.0029	P	0.9
5	☐	250.000	260.258	30899.33	0.0053	P	1.3
6	☐	500.000	510.250	59091.20	0.0101	P	0.4
7	☐	1000.000	991.041	112013.58	0.0193	P	1.3
8	☐			2139.12	0.0004	P	9.1

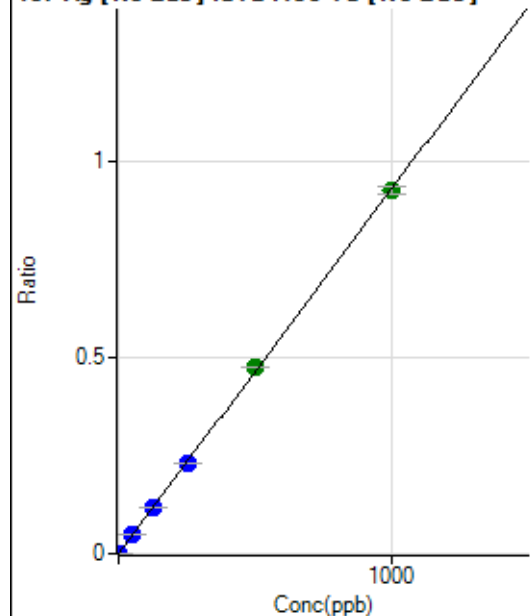
$$y = 1.9119\text{E-}005 * x + 3.3959\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.128$$

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	69.45	0.0000	P	27.9
2	☐	1.000	0.924	4934.36	0.0009	P	6.3
3	☐	50.000	50.815	266978.47	0.0471	P	2.2
4	☐	125.000	128.383	675413.66	0.1191	P	0.4
5	☐	250.000	247.402	1333720.81	0.2294	P	0.6
6	☐	500.000	510.255	2769865.36	0.4732	A	0.4
7	☐	1000.000	995.058	5358616.35	0.9227	A	2.0
8	☐			2266.92	0.0004	P	13.3

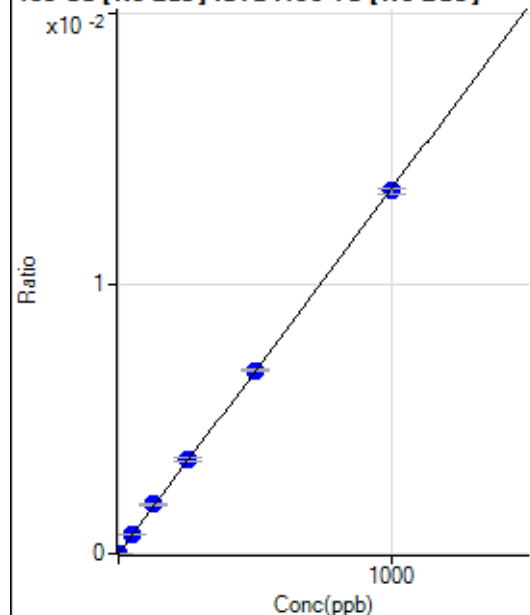
$$y = 9.2730\text{E-}004 * x + 1.2866\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01163$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.72	0.0000	P	36.1
2	☐	1.000	1.428	145.84	0.0000	P	19.4
3	☐	50.000	52.281	4035.36	0.0007	P	4.0
4	☐	125.000	134.943	10366.51	0.0018	P	2.8
5	☐	250.000	259.311	20386.07	0.0035	P	3.2
6	☐	500.000	503.191	39797.76	0.0068	P	1.9
7	☐	1000.000	994.719	78011.12	0.0134	P	1.9
8	☐			127.78	0.0000	P	6.6

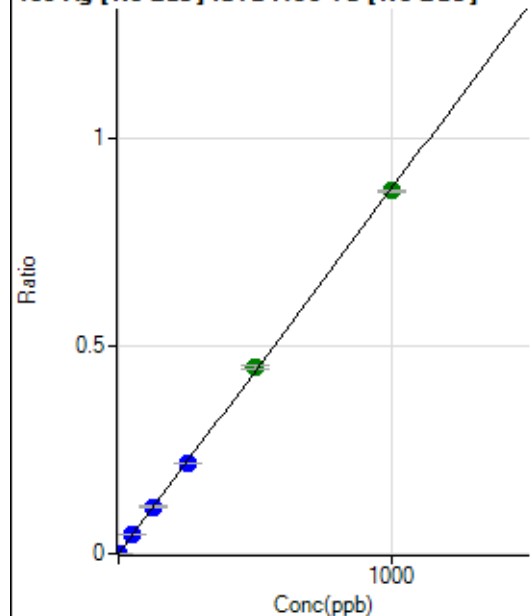
$$y = 1.3498\text{E-}005 * x + 6.4193\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.5144$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	35.2
2	☐	1.000	0.917	4623.11	0.0008	P	8.9
3	☐	50.000	51.718	257801.89	0.0455	P	2.2
4	☐	125.000	128.583	641753.74	0.1131	P	1.5
5	☐	250.000	249.204	1274709.70	0.2193	P	0.6
6	☐	500.000	512.202	2637808.09	0.4507	A	2.1
7	☐	1000.000	993.564	5077436.49	0.8742	A	0.8
8	☐			2005.77	0.0003	P	13.6

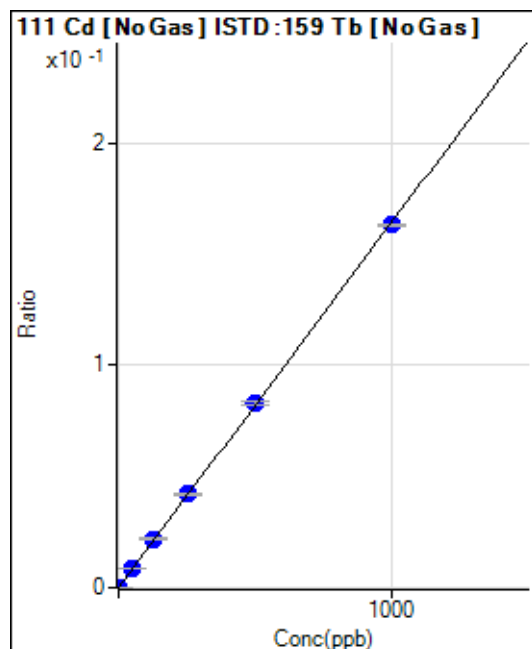
$$y = 8.7989\text{E-}004 * x + 7.7301\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.009271$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.59	0.0000	P	21.0
2	☐	1.000	0.933	932.02	0.0002	P	4.9
3	☐	50.000	53.304	49670.06	0.0088	P	0.9
4	☐	125.000	133.720	124685.61	0.0220	P	1.2
5	☐	250.000	255.760	244322.68	0.0420	P	0.3
6	☐	500.000	507.045	487621.80	0.0833	P	1.8
7	☐	1000.000	993.782	948293.12	0.1633	P	0.7
8	☐			372.80	0.0001	P	24.0

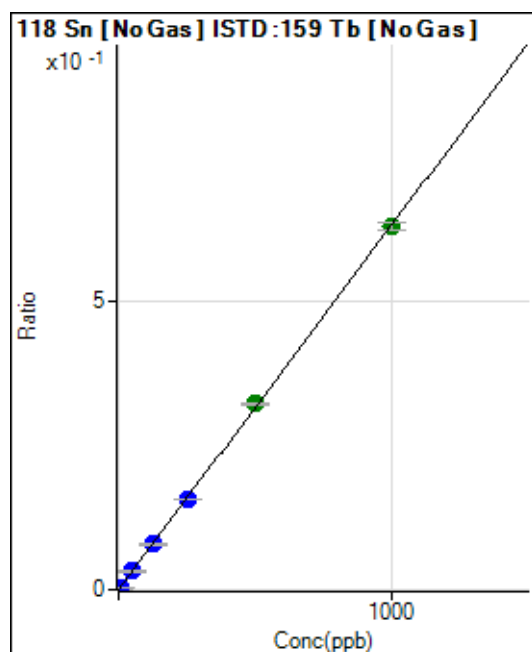
$$y = 1.6429\text{E-}004 * x + 1.1048\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04241$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	511.14	0.0001	P	13.2
2	☐	5.000	4.845	17934.32	0.0032	P	3.4
3	☐	50.000	50.012	179931.67	0.0318	P	1.0
4	☐	125.000	125.541	451344.17	0.0796	P	3.0
5	☐	250.000	248.996	917114.00	0.1578	P	0.5
6	☐	500.000	509.532	1889006.23	0.3227	A	1.6
7	☐	1000.000	995.417	3660814.19	0.6304	A	2.2
8	☐			3139.35	0.0005	P	1.8

$$y = 6.3322\text{E-}004 * x + 9.4725\text{E-}005$$

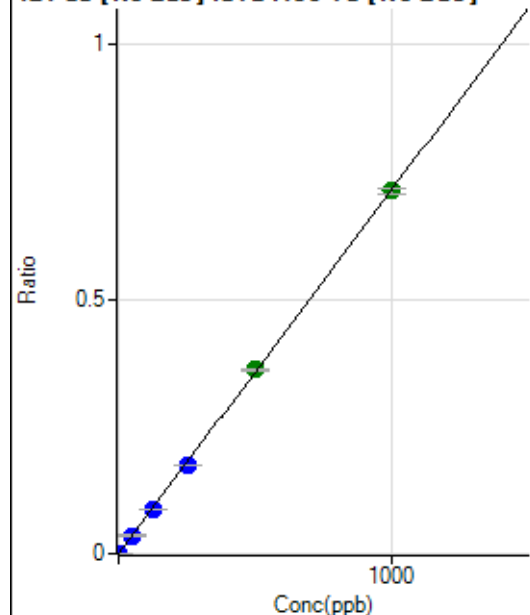
$$R = 0.9999$$

$$DL = 0.05915$$

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	38.89	0.0000	P	62.1
2	☐	2.000	1.896	7713.51	0.0014	P	2.2
3	☐	50.000	49.801	201307.30	0.0355	P	2.4
4	☐	125.000	123.059	498068.51	0.0878	P	1.1
5	☐	250.000	244.723	1015056.83	0.1746	P	0.8
6	☐	500.000	507.214	2118251.39	0.3619	A	1.1
7	☐	1000.000	997.965	4135185.77	0.7120	A	1.3
8	☐			3959.08	0.0007	P	4.0

$$y = 7.1349\text{E-}004 * x + 7.2084\text{E-}006$$

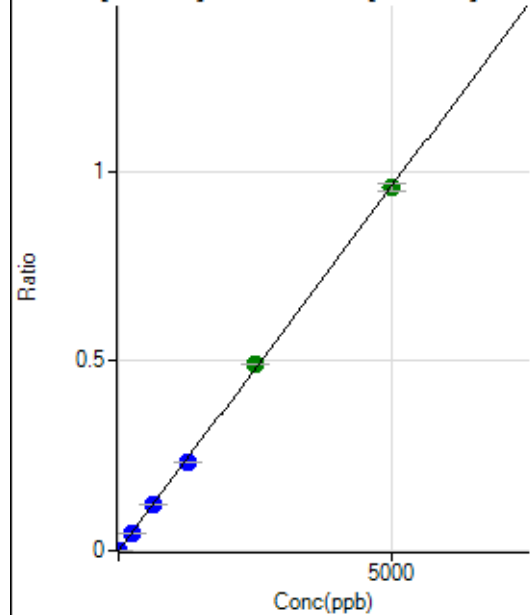
$$R = 0.9999$$

$$DL = 0.01882$$

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	13.89	0.0000	P	69.9
2	☐	10.000	9.215	10056.77	0.0018	P	1.6
3	☐	250.000	247.099	268963.96	0.0475	P	2.3
4	☐	625.000	626.245	682616.40	0.1203	P	0.9
5	☐	1250.000	1214.459	1356630.58	0.2334	P	0.7
6	☐	2500.000	2557.166	2876313.61	0.4914	A	0.6
7	☐	5000.000	4980.294	5557483.50	0.9570	A	2.0
8	☐			3047.74	0.0005	P	8.4

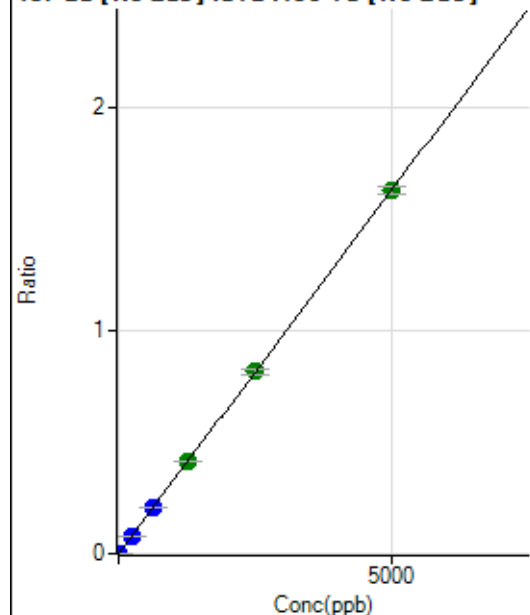
$$y = 1.9216\text{E-}004 * x + 2.5784\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02814$$

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	72.22	0.0000	P	42.9
2	☐	10.000	9.546	17703.69	0.0031	P	0.9
3	☐	250.000	250.435	462021.63	0.0816	P	0.7
4	☐	625.000	632.666	1168494.59	0.2060	P	1.6
5	☐	1250.000	1271.093	2406072.00	0.4139	A	1.7
6	☐	2500.000	2503.518	4771139.21	0.8152	A	3.0
7	☐	5000.000	4991.989	9439562.19	1.6255	A	2.0
8	☐			5267.95	0.0009	P	8.4

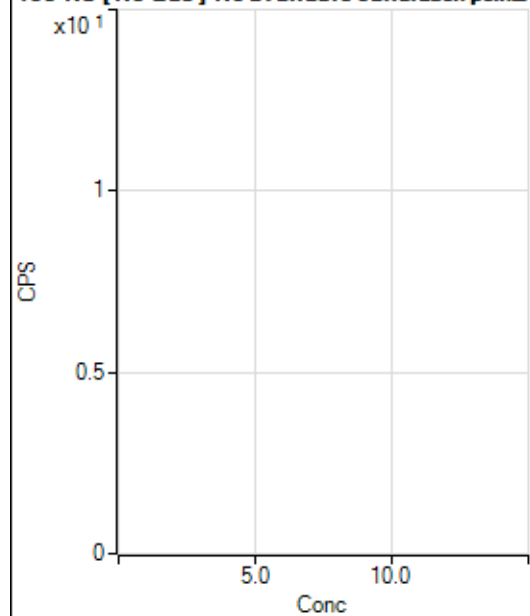
$$y = 3.2562E-004 * x + 1.3348E-005$$

$$R = 1.0000$$

$$DL = 0.05273$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	43.3
2	☐			15.55		P	24.8
3	☐			24.44		P	56.8
4	☐			62.22		P	32.7
5	☐			93.34		P	12.4
6	☐			215.56		P	18.1
7	☐			333.34		P	6.9
8	☐			66.67		P	36.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			4.44		P	43.4
4	☐			4.44		P	43.4
5	☐			11.11		P	17.3
6	☐			16.67		P	69.3
7	☐			41.11		P	32.8
8	☐			17.78		P	39.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐			16.66		P	86.6
3	☐			33.33		P	50.0
4	☐			38.89		P	12.4
5	☐			58.34		P	28.6
6	☐			97.22		P	26.2
7	☐			238.90		P	22.2
8	☐			733.38		P	3.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐			0.00		P	
3	☐			8.89		P	21.6
4	☐			16.67		P	20.0
5	☐			21.11		P	55.4
6	☐			60.00		P	24.2
7	☐			97.78		P	11.0
8	☐			341.12		P	12.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	31.2
2	☐			41.67		P	34.6
3	☐			52.78		P	36.5
4	☐			63.89		P	27.2
5	☐			83.34		P	36.1
6	☐			119.45		P	47.5
7	☐			200.01		P	19.1
8	☐			697.26		P	3.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	21.2
2	☐			57.78		P	17.6
3	☐			50.00		P	26.7
4	☐			75.56		P	2.6
5	☐			75.55		P	25.9
6	☐			94.45		P	21.3
7	☐			140.00		P	18.0
8	☐			417.79		P	7.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐			47.22		P	36.7
3	☐			33.33		P	66.2
4	☐			58.34		P	37.8
5	☐			44.45		P	57.3
6	☐			102.78		P	12.4
7	☐			97.23		P	9.9
8	☐			133.34		P	57.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐			15.56		P	32.7
3	☐			14.44		P	13.4
4	☐			18.89		P	20.4
5	☐			28.89		P	46.6
6	☐			31.11		P	22.3
7	☐			63.33		P	19.0
8	☐			46.67		P	21.4

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐			33.34		P	66.1
3	☐			33.33		P	66.1
4	☐			47.22		P	10.2
5	☐			33.33		P	25.0
6	☐			41.67		P	40.0
7	☐			52.78		P	24.1
8	☐			63.89		P	19.9

172 Yb [He] No available calibration points

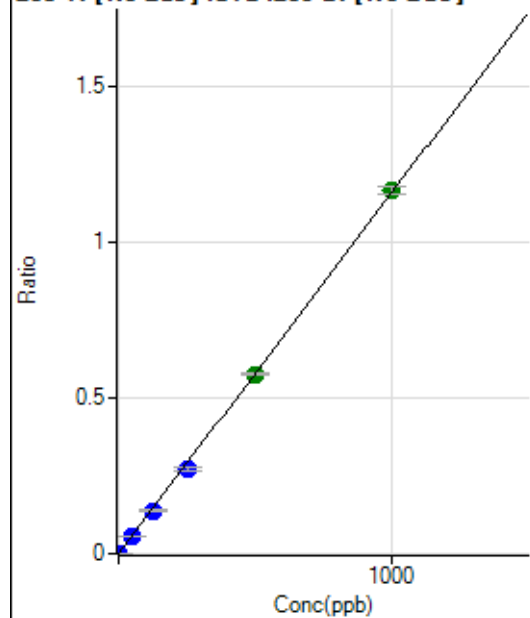
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.85		P	173.2
2	☐			12.96		P	24.8
3	☐			12.96		P	65.4
4	☐			9.26		P	91.7
5	☐			20.37		P	63.0
6	☐			18.52		P	17.3
7	☐			51.85		P	49.5
8	☐			38.89		P	28.6

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			683.37		P	9.5
2	☐			558.36		P	1.5
3	☐			1372.34		P	6.3
4	☐			2428.06		P	5.0
5	☐			4256.36		P	4.5
6	☐			8294.49		P	1.5
7	☐			15520.71		P	2.0
8	☐			736.15		P	8.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4104.42		P	1.8
2	☐			3993.27		P	11.4
3	☐			4200.74		P	3.9
4	☐			4891.72		P	2.5
5	☐			5760.61		P	3.1
6	☐			7572.67		P	0.9
7	☐			11288.31		P	2.6
8	☐			3859.90		P	6.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	513.92	0.0002	P	18.1
2	☐	1.000	0.842	3539.48	0.0011	P	2.4
3	☐	50.000	49.050	170789.13	0.0570	P	2.6
4	☐	125.000	119.464	433071.79	0.1387	P	1.7
5	☐	250.000	234.900	874027.04	0.2725	P	2.9
6	☐	500.000	497.541	1852459.65	0.5770	A	0.9
7	☐	1000.000	1005.744	3638368.87	1.1662	A	2.2
8	☐			1847.44	0.0006	P	12.8

$$y = 0.0012 * x + 1.7158E-004$$

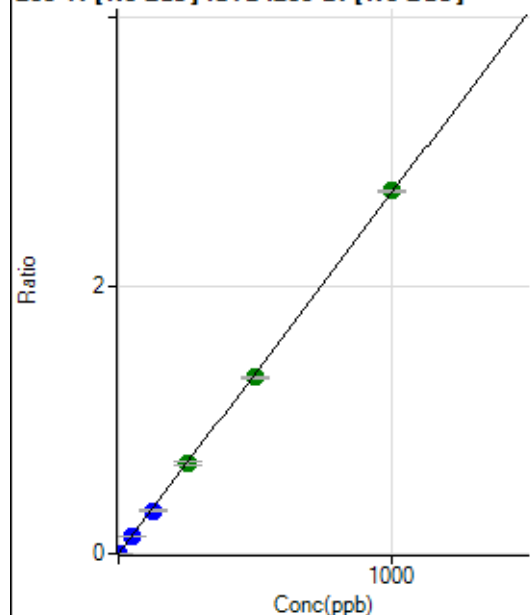
$$R = 0.9999$$

$$DL = 0.08038$$

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	1138.98	0.0004	P	14.8
2	☐	1.000	0.916	8753.20	0.0028	P	3.8
3	☐	50.000	49.540	399997.19	0.1336	P	2.4
4	☐	125.000	119.620	1005562.36	0.3220	P	2.1
5	☐	250.000	249.902	2155977.46	0.6723	A	4.0
6	☐	500.000	488.668	4218852.35	1.3142	A	1.6
7	☐	1000.000	1006.386	8443222.67	2.7062	A	0.4
8	☐			4228.76	0.0014	P	5.2

$$y = 0.0027 * x + 3.7990E-004$$

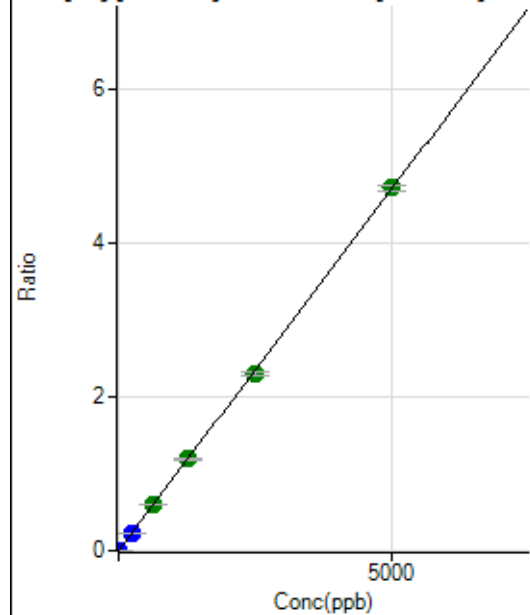
$$R = 0.9999$$

$$DL = 0.06276$$

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	492.61	0.0002	P	8.3
2	☐	1.000	0.807	2841.11	0.0009	P	6.7
3	☐	250.000	240.351	677510.93	0.2263	P	3.3
4	☐	625.000	641.506	1885131.62	0.6036	A	1.7
5	☐	1250.000	1267.552	3824952.17	1.1926	A	3.0
6	☐	2500.000	2451.103	7401597.10	2.3059	A	2.7
7	☐	5000.000	5018.480	14729894.77	4.7211	A	1.5
8	☐			10966.59	0.0037	P	8.6

$$y = 9.4070E-004 * x + 1.6357E-004$$

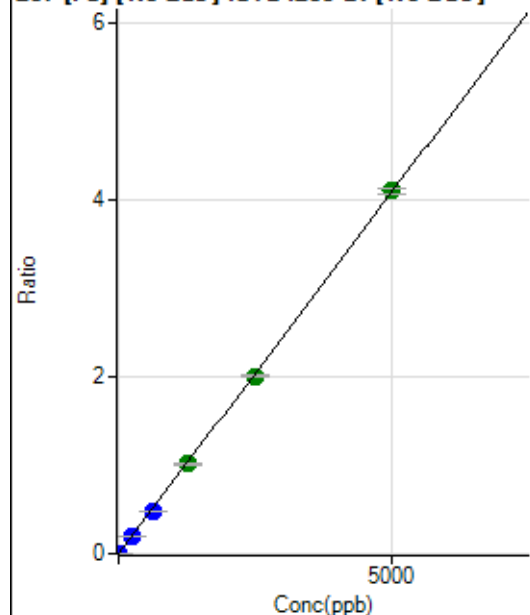
$$R = 0.9999$$

$$DL = 0.04335$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	427.79	0.0001	P	4.5
2	☐	1.000	0.841	2553.99	0.0008	P	3.5
3	☐	250.000	239.689	586297.11	0.1958	P	3.4
4	☐	625.000	590.188	1505234.83	0.4820	P	1.6
5	☐	1250.000	1248.364	3269501.75	1.0193	A	2.6
6	☐	2500.000	2460.590	6449054.31	2.0090	A	1.8
7	☐	5000.000	5024.981	12800509.89	4.1026	A	1.4
8	☐			9177.55	0.0031	P	4.2

$$y = 8.1641E-004 * x + 1.4226E-004$$

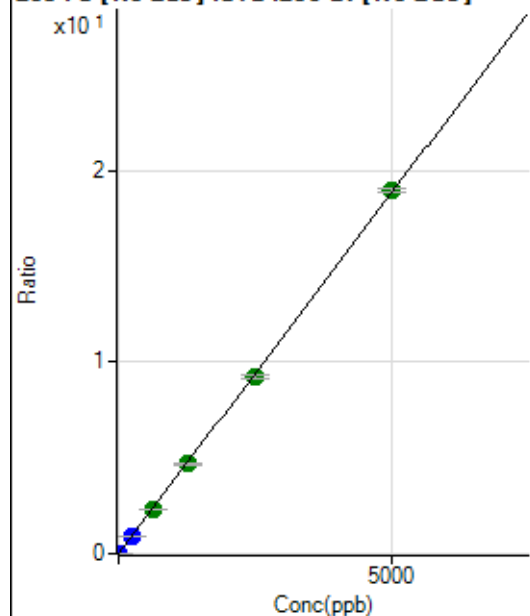
$$R = 0.9999$$

$$DL = 0.02375$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1890.83	0.0006	P	2.2
2	☐	1.000	0.869	12035.85	0.0039	P	1.8
3	☐	250.000	238.991	2699966.81	0.9018	P	3.1
4	☐	625.000	621.989	7326597.62	2.3459	A	0.8
5	☐	1250.000	1242.338	15028828.87	4.6850	A	1.7
6	☐	2500.000	2449.714	29653488.69	9.2375	A	1.8
7	☐	5000.000	5027.985	59152448.66	18.9592	A	1.1
8	☐			42170.79	0.0144	P	4.0

$$y = 0.0038 * x + 6.2881E-004$$

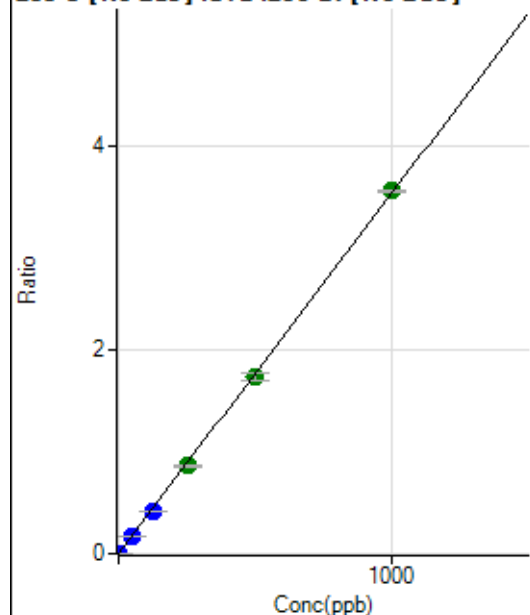
$$R = 0.9999$$

$$DL = 0.01107$$

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	33.33	0.0000	P	77.5
2	☐	1.000	0.876	9564.99	0.0031	P	3.5
3	☐	50.000	47.728	504698.05	0.1685	P	1.1
4	☐	125.000	116.943	1289418.24	0.4129	P	2.8
5	☐	250.000	243.834	2761795.22	0.8609	A	1.4
6	☐	500.000	491.328	5567109.33	1.7347	A	4.6
7	☐	1000.000	1006.998	11092957.11	3.5554	A	0.5
8	☐			3384.04	0.0012	P	18.5

$$y = 0.0035 * x + 1.1278E-005$$

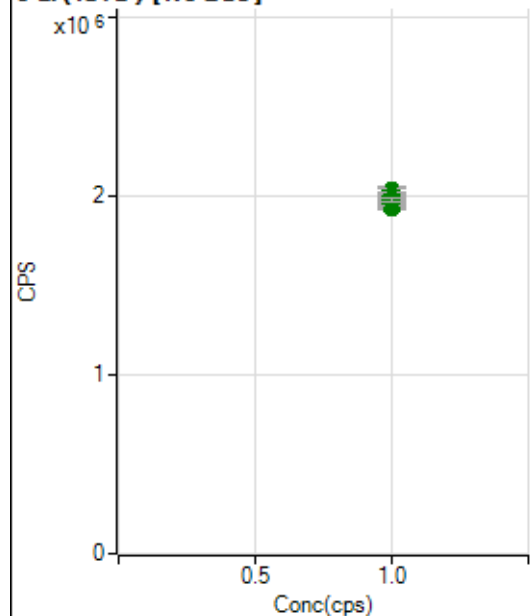
$$R = 0.9999$$

$$DL = 0.00743$$

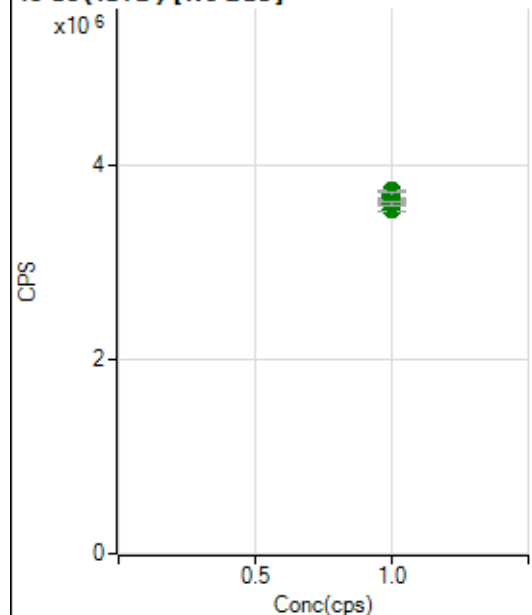
Weight: <None>

Min Conc: 0

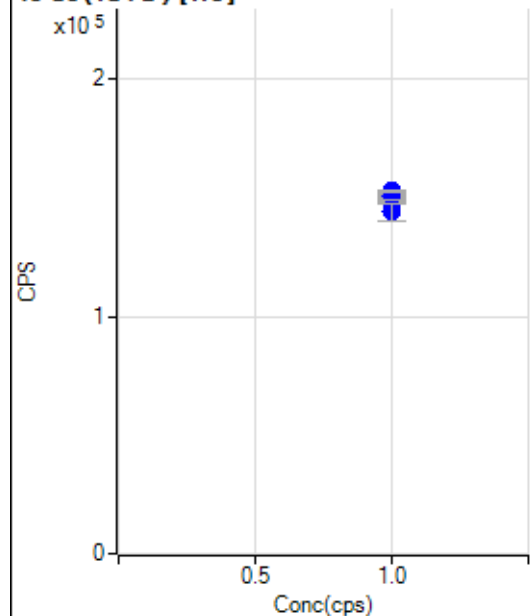
6 Li (ISTD) [No Gas]



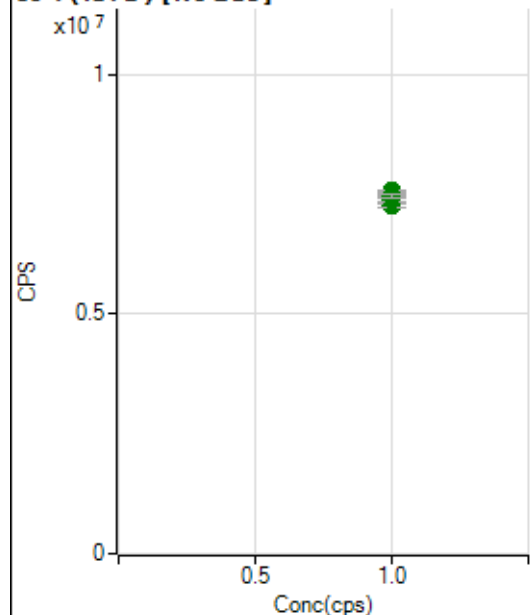
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1937624.71		A	1.2
2	☐	1.000		1949654.47		A	0.8
3	☐	1.000		1961517.31		A	1.5
4	☐	1.000		2009535.57		A	0.6
5	☐	1.000		2030287.68		A	2.7
6	☐	1.000		2026225.59		A	1.5
7	☐	1.000		2005567.38		A	1.9
8	☐	1.000		1979602.02		A	1.5

45 Sc (ISTD) [No Gas]

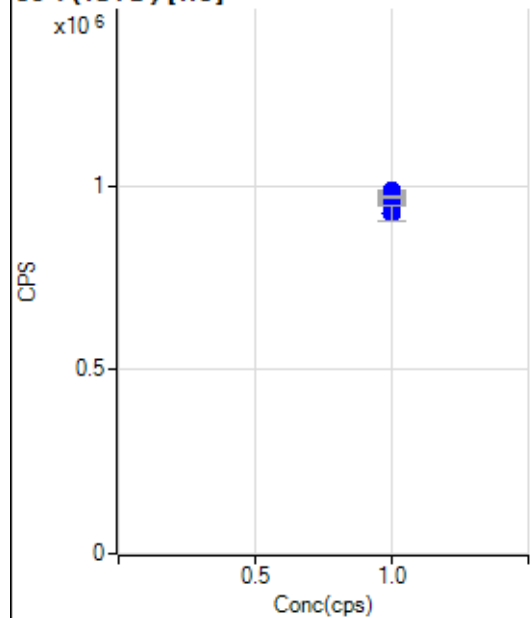
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3552508.14		A	1.7
2	☐	1.000		3629198.45		A	1.6
3	☐	1.000		3649646.99		A	0.8
4	☐	1.000		3691606.09		A	2.1
5	☐	1.000		3712138.90		A	1.8
6	☐	1.000		3743150.92		A	0.5
7	☐	1.000		3671470.99		A	3.1
8	☐	1.000		3612090.19		A	1.2

45 Sc (ISTD) [He]

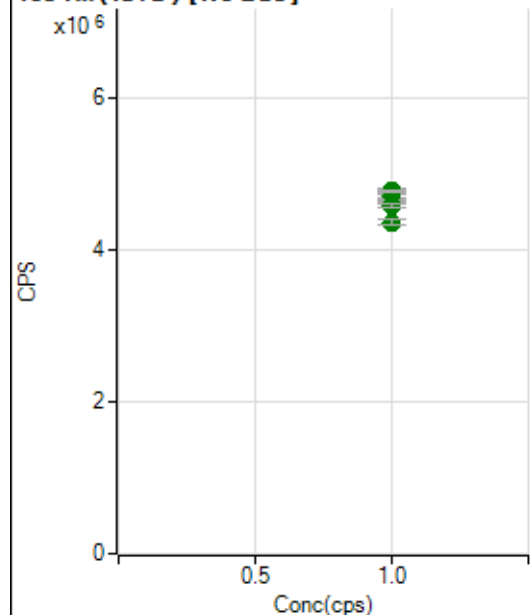
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		151733.51		P	1.2
2	☐	1.000		151386.52		P	1.7
3	☐	1.000		151802.40		P	1.0
4	☐	1.000		148326.95		P	0.3
5	☐	1.000		151329.17		P	1.6
6	☐	1.000		150435.54		P	1.6
7	☐	1.000		152902.07		P	0.4
8	☐	1.000		144137.41		P	5.2

89 Y (ISTD) [No Gas]

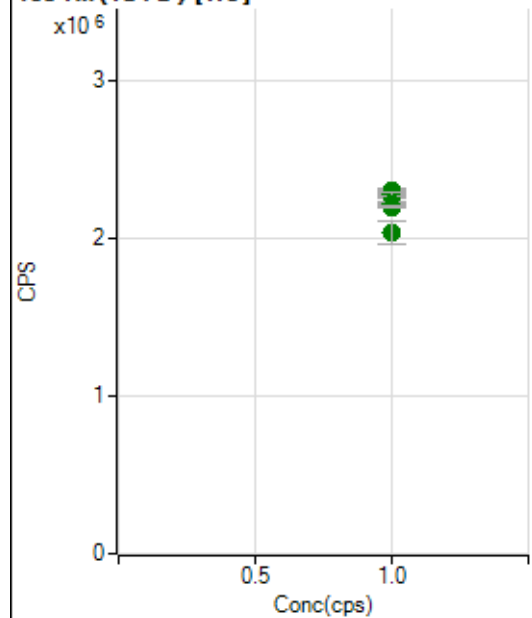
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7255080.31		A	1.1
2	☐	1.000		7378849.54		A	1.5
3	☐	1.000		7441518.22		A	0.8
4	☐	1.000		7466364.26		A	1.7
5	☐	1.000		7552694.54		A	0.2
6	☐	1.000		7564415.79		A	0.3
7	☐	1.000		7444829.61		A	0.5
8	☐	1.000		7466561.48		A	1.1

89 Y (ISTD) [He]

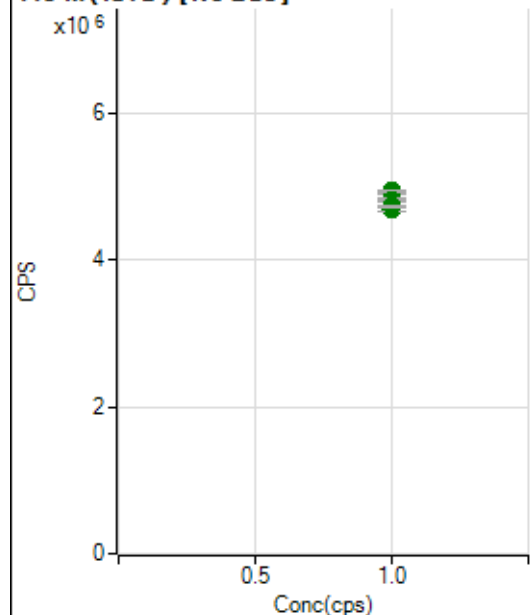
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		986503.73		P	0.3
2	☐	1.000		976701.84		P	1.7
3	☐	1.000		972475.93		P	1.5
4	☐	1.000		953641.66		P	0.4
5	☐	1.000		970650.40		P	0.9
6	☐	1.000		960124.29		P	0.9
7	☐	1.000		968405.10		P	0.5
8	☐	1.000		925192.36		P	4.2

103 Rh(ISTD) [No Gas]

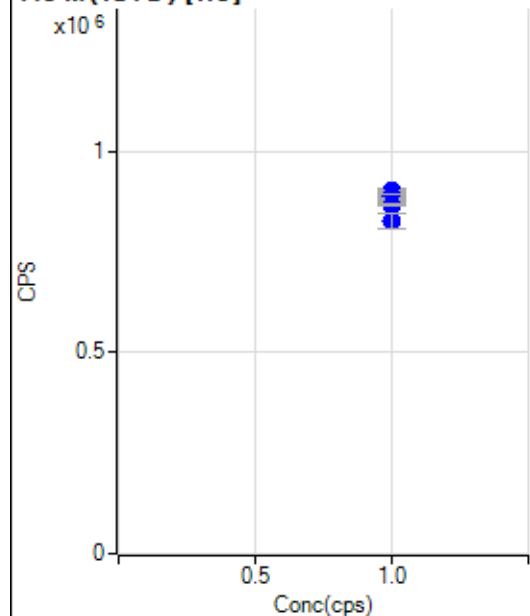
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4624330.44		A	1.3
2	☐	1.000		4705801.36		A	0.8
3	☐	1.000		4770339.08		A	2.1
4	☐	1.000		4717833.74		A	2.7
5	☐	1.000		4775279.79		A	0.2
6	☐	1.000		4641360.61		A	0.9
7	☐	1.000		4579270.37		A	0.7
8	☐	1.000		4361067.59		A	1.8

103 Rh(ISTD) [He]

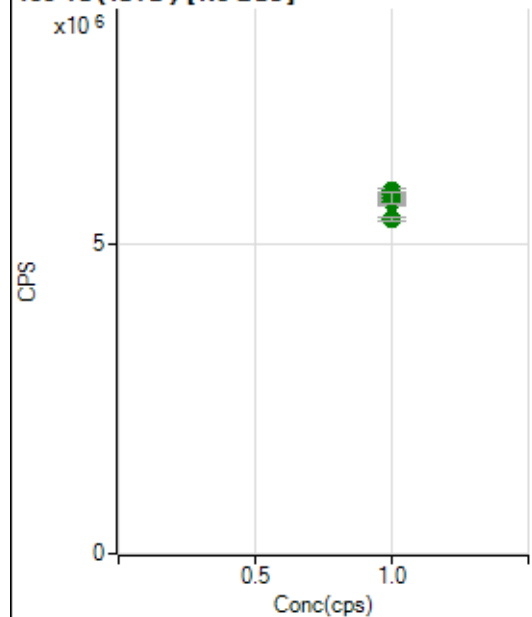
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2303813.07		A	0.3
2	☐	1.000		2303926.76		A	1.7
3	☐	1.000		2295399.53		A	0.8
4	☐	1.000		2239233.02		A	1.8
5	☐	1.000		2281992.90		A	1.4
6	☐	1.000		2221748.58		A	1.0
7	☐	1.000		2200897.62		A	0.7
8	☐	1.000		2036631.34		A	6.9

115 In (ISTD) [No Gas]

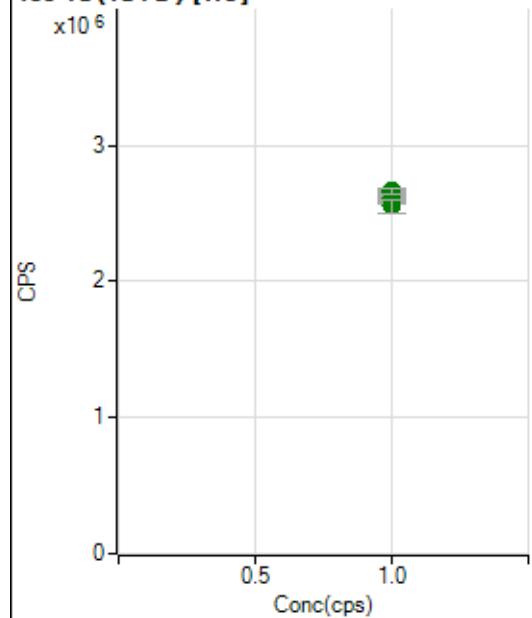
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4700309.82		A	1.2
2	☐	1.000		4843215.10		A	0.7
3	☐	1.000		4852805.25		A	2.1
4	☐	1.000		4946981.59		A	0.5
5	☐	1.000		4941132.70		A	0.7
6	☐	1.000		4942884.74		A	0.8
7	☐	1.000		4832532.63		A	0.7
8	☐	1.000		4735353.22		A	0.2

115 In (ISTD) [He]

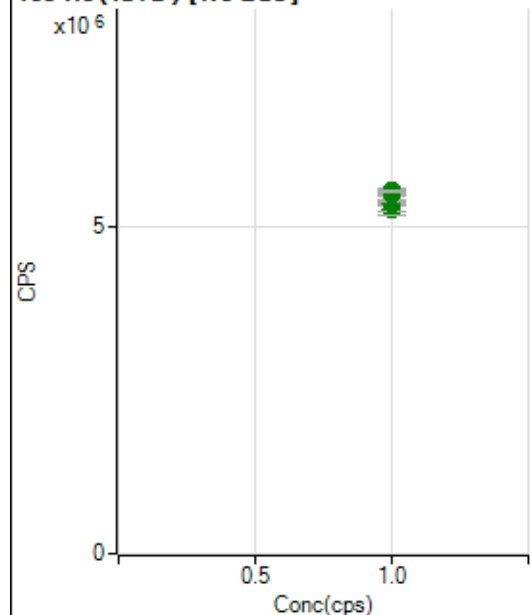
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		900208.00		P	0.2
2	☐	1.000		899479.63		P	2.3
3	☐	1.000		901707.55		P	0.4
4	☐	1.000		877024.45		P	0.5
5	☐	1.000		889742.45		P	1.2
6	☐	1.000		871642.16		P	1.6
7	☐	1.000		866955.00		P	0.8
8	☐	1.000		827067.80		P	4.6

159 Tb (ISTD) [No Gas]

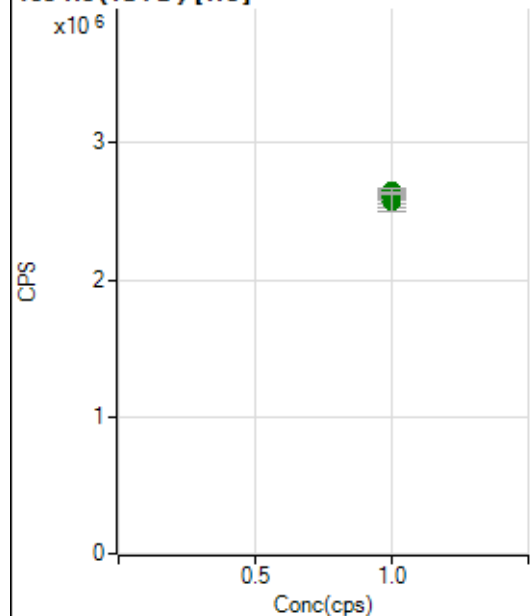
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5399691.48		A	0.8
2	☐	1.000		5671128.39		A	0.6
3	☐	1.000		5665120.47		A	1.1
4	☐	1.000		5672989.98		A	2.0
5	☐	1.000		5813147.90		A	0.2
6	☐	1.000		5853619.70		A	1.1
7	☐	1.000		5808167.48		A	1.4
8	☐	1.000		5731533.73		A	3.1

159 Tb (ISTD) [He]

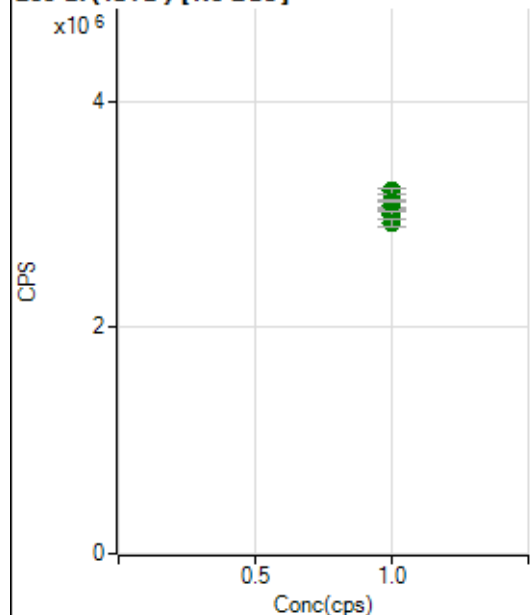
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2624739.44		A	1.3
2	☐	1.000		2622975.47		A	2.6
3	☐	1.000		2610992.18		A	2.3
4	☐	1.000		2602751.42		A	2.1
5	☐	1.000		2656108.80		A	0.9
6	☐	1.000		2613851.14		A	2.0
7	☐	1.000		2665950.79		A	1.5
8	☐	1.000		2553488.61		A	4.0

165 Ho (ISTD) [No Gas]

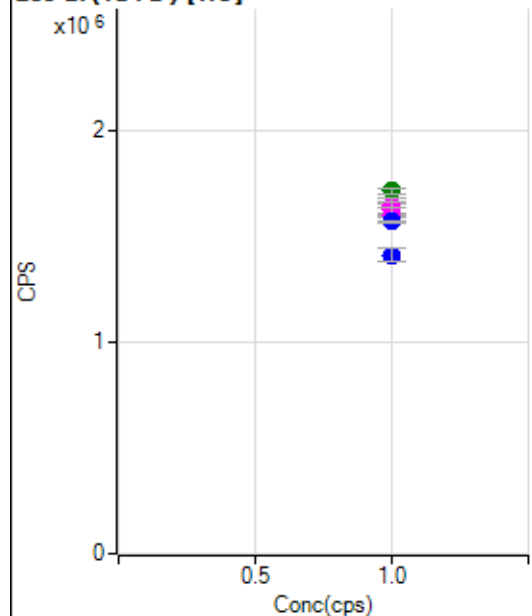
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5254859.02		A	3.2
2	☐	1.000		5314386.01		A	2.8
3	☐	1.000		5349844.17		A	0.8
4	☐	1.000		5391566.74		A	0.7
5	☐	1.000		5549063.32		A	1.4
6	☐	1.000		5514027.21		A	1.3
7	☐	1.000		5518615.44		A	0.5
8	☐	1.000		5544131.33		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2597434.51		A	1.2
2	☐	1.000		2593690.92		A	4.5
3	☐	1.000		2611639.16		A	1.7
4	☐	1.000		2590538.43		A	0.6
5	☐	1.000		2619735.90		A	3.0
6	☐	1.000		2599614.13		A	3.3
7	☐	1.000		2650060.08		A	1.1
8	☐	1.000		2568178.24		A	5.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3005993.74		A	3.4
2	☐	1.000		3082282.80		A	2.3
3	☐	1.000		2995146.41		A	1.7
4	☐	1.000		3123254.81		A	0.7
5	☐	1.000		3208547.52		A	1.8
6	☐	1.000		3210671.38		A	1.5
7	☐	1.000		3120036.45		A	0.3
8	☐	1.000		2931202.94		A	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1716175.76		A	1.8
2	☐	1.000		1612833.76		M	6.0
3	☐	1.000		1628725.41		M	3.4
4	☐	1.000		1644406.61		M	4.4
5	☐	1.000		1627328.48		M	4.6
6	☐	1.000		1605252.87		M	4.0
7	☐	1.000		1569481.50		P	0.6
8	☐	1.000		1411343.95		P	4.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8011422 MS.b
Acq. Date-Time 2022-01-14 13:48:17
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		5565	55648.84			1.787	5.000
24		51211	512109.38			2.147	5.000
25		6827	68268.65			1.966	5.000
26		7849	78492.37			2.023	5.000
59		12135	121354.03			1.987	5.000
113		5283	52825.07			2.061	5.000
115		16616	166156.76			1.561	5.000
206		6626	66259.66			1.926	5.000
207		5574	55740.67			2.017	5.000
208		13750	137504.33			1.628	5.000
220		1	8.40			43.211	

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

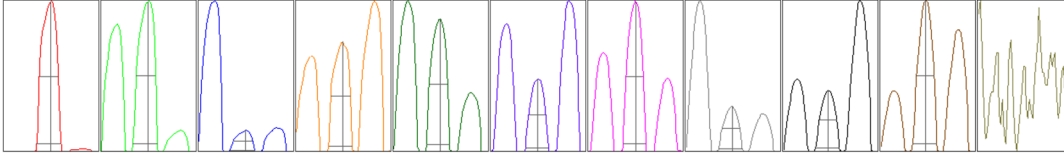
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	5566	5401	5663	5621	5574
24	51125	49462	52018	52268	51182
25	6836	6597	6927	6918	6856
26	7904	7587	7949	7985	7821
59	12146	11727	12270	12348	12185
113	5358	5095	5313	5289	5357
115	16718	16164	16819	16726	16651
206	6640	6406	6734	6672	6677
207	5617	5392	5642	5545	5674
208	13719	13395	13906	13760	13972

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	10002.90	9.00	8.90 - 9.10	
24	87745.20	24.00	23.90 - 24.10	
25	11799.92	25.00	24.90 - 25.10	
26	13567.47	26.00	25.90 - 26.10	
59	22198.12	59.00	58.90 - 59.10	
113	10263.54	113.00	112.90 - 113.10	
115	32483.19	115.05	114.90 - 115.10	
206	12500.46	206.00	205.90 - 206.10	
207	10604.78	206.95	206.90 - 207.10	
208	26203.24	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.771	0.900	
24	0.61	0.776	0.900	
25	0.62	0.782	0.900	
26	0.62	0.743	0.900	
59	0.58	0.736	0.900	
113	0.53	0.727	0.900	
115	0.53	0.726	0.900	
206	0.56	0.741	0.900	
207	0.55	0.757	0.900	
208	0.55	0.769	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.2 V	Deflect	14.8 V
Extract 2	-185.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.7 mm
---------	--------	---------	---------

EM

Discriminator	4.1 mV	Analog HV	2300 V	Pulse HV	1606 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		3072	30718.68			1.095	
89		12618	126178.89			1.082	
205		12180	121801.39			0.899	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	3069	3085	3101	3088	3015
89	12699	12699	12652	12662	12377
205	12292	12266	12160	12168	12015

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.2 V	Deflect	1.8 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-185.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.7 mm		
EM					
Discriminator	4.1 mV	Analog HV	2300 V	Pulse HV	1606 V

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 13:51:10	DataFile Name :	003SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1						ppb
Boron	11-1						ppb
Bromine	81-1						cps
Cadmium	111-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 13:51:10	DataFile Name :	003SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				99		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 13:51:10	DataFile Name :	003SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:22:16	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	0.01	-0.17	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.21	-0.31	0.10	0.00	N/A	ppb
Boron	11-1	0.05	-0.04	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.01	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.35	0.04	-0.39	0.00	N/A	ppb
Cadmium	108-1	-0.19	0.04	0.15	0.00	N/A	ppb
Calcium	43-1	-0.30	0.29	0.02	0.00	N/A	ppb
Calcium	44-1	-1.88	1.89	-0.01	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	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	0.79	-0.55	-0.24	0.00	N/A	ppb
Iron	56-2	0.06	-0.05	-0.01	0.00	N/A	ppb
Iron	57-2	-0.24	-0.05	0.29	0.00	N/A	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:22:16	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.00	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	-0.73	0.63	0.10	0.00	N/A	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.03	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-22.65	-18.64	-15.66	-18.98		ppb
Potassium	39-2	-0.58	-1.47	2.06	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.35	0.65	-1.00	0.00	N/A	ppb
Selenium	77-2	0.00	-0.94	0.94	0.00	N/A	ppb
Selenium	78-2	0.20	-0.46	0.26	0.00	N/A	ppb
Silicon	28-1	-0.28	0.06	0.22	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	-0.84	-1.63	2.47	0.00	N/A	ppb
Strontium	86-1	0.04	-0.06	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-58.70	271.03	262.03	158.12	118.78	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.03	0.02	0.00	N/A	ppb
Thallium	205-1	-0.02	0.00	0.02	0.00	N/A	ppb
Tin	118-1	0.02	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:22:16	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.00	-0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	-0.07	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.02	0.00	N/A	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:28:26	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.98	17.29	15.96	16.41	4.65	ppb
Antimony	121-1	1.94	1.86	1.89	1.90	2.18	ppb
Arsenic	75-2	1.08	1.05	0.89	1.01	10.21	ppb
Barium	135-1	9.39	9.10	9.16	9.22	1.65	ppb
Barium	137-1	9.48	9.65	9.51	9.55	0.93	ppb
Beryllium	9-1	0.97	0.93	1.07	0.99	7.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	10.32	10.63	12.03	10.99	8.29	ppb
Boron	11-1	10.85	11.83	11.88	11.52	5.06	ppb
Bromine	81-1						cps
Cadmium	111-1	0.98	0.93	0.89	0.93	5.23	ppb
Cadmium	106-1	1.33	1.08	-0.88	0.51	236.91	ppb
Cadmium	108-1	1.17	1.27	1.85	1.43	25.87	ppb
Calcium	43-1	444.39	425.01	441.16	436.85	2.38	ppb
Calcium	44-1	451.34	444.48	443.51	446.44	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.98	1.71	1.86	7.25	ppb
Cobalt	59-2	0.91	0.95	0.96	0.94	2.84	ppb
Copper	63-2	1.85	2.09	1.93	1.96	6.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	42.44	48.61	44.04	45.03	7.11	ppb
Iron	56-2	44.74	44.84	42.90	44.16	2.47	ppb
Iron	57-2	41.51	48.18	43.02	44.24	7.90	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:28:26	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.86	0.82	0.73	0.81	8.19	ppb
Lead	207-1	0.87	0.80	0.86	0.84	4.19	ppb
Lead	208-1	0.89	0.86	0.86	0.87	2.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	456.96	452.02	431.88	446.95	2.97	ppb
Manganese	55-2	0.92	0.96	0.93	0.94	1.82	ppb
Molybdenum	94-1	5.62	6.30	5.44	5.79	7.88	ppb
Molybdenum	95-1	4.84	4.94	4.72	4.83	2.25	ppb
Molybdenum	96-1	4.99	4.77	4.75	4.84	2.79	ppb
Molybdenum	97-1	4.93	5.01	4.77	4.90	2.47	ppb
Molybdenum	98-1	4.78	5.21	4.65	4.88	6.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.01	1.00	1.01	1.51	ppb
Phosphorus	31-2	12.06	22.24	22.66	18.98	31.63	ppb
Potassium	39-2	431.92	437.21	405.55	424.89	3.99	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	5.17	3.60	4.88	4.55	18.33	ppb
Selenium	77-2	2.91	4.67	6.57	4.72	38.72	ppb
Selenium	78-2	5.92	4.23	6.35	5.50	20.41	ppb
Silicon	28-1	0.92	0.32	0.38	0.54	60.89	ppb
Silver	107-1	0.86	0.96	0.96	0.92	6.38	ppb
Silver	109-1	0.88	0.86	1.01	0.92	8.97	ppb
Sodium	23-2	421.70	435.82	428.01	428.51	1.65	ppb
Strontium	86-1	1.03	1.08	0.88	1.00	10.39	ppb
Strontium	88-1	0.97	0.95	0.90	0.94	3.87	ppb
Sulfur	34-1	32.91	-373.94	-133.33	-158.12		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.82	0.84	0.86	0.84	2.81	ppb
Thallium	205-1	0.96	0.91	0.88	0.92	4.35	ppb
Tin	118-1	4.89	4.98	4.66	4.85	3.47	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:28:26	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.54	5.25	4.80	4.86	7.39	ppb
Uranium	238-1	0.91	0.86	0.85	0.88	3.49	ppb
Vanadium	51-2	4.46	4.70	4.48	4.55	3.01	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	1.94	2.32	2.13	2.13	9.06	ppb
Zirconium	90-1	0.92	0.92	0.86	0.90	3.68	ppb
Zirconium	91-1	0.81	0.96	0.82	0.87	9.67	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:31:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	991.28	974.13	970.14	978.52	1.15	ppb
Antimony	121-1	48.68	51.02	49.71	49.80	2.36	ppb
Arsenic	75-2	49.99	52.77	50.83	51.20	2.79	ppb
Barium	135-1	240.68	251.36	249.26	247.10	2.29	ppb
Barium	137-1	248.66	252.18	250.47	250.44	0.70	ppb
Beryllium	9-1	49.90	49.73	50.59	50.07	0.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	41.86	44.72	51.45	46.01	10.71	ppb
Boron	11-1	43.03	46.79	52.55	47.45	10.11	ppb
Bromine	81-1						cps
Cadmium	111-1	52.77	53.56	53.58	53.30	0.87	ppb
Cadmium	106-1	49.37	50.61	52.17	50.72	2.76	ppb
Cadmium	108-1	54.65	51.67	50.52	52.28	4.08	ppb
Calcium	43-1	4857.43	4982.77	4936.98	4925.72	1.29	ppb
Calcium	44-1	5140.71	5332.52	5392.52	5288.58	2.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.93	48.06	48.37	48.78	2.05	ppb
Cobalt	59-2	49.52	49.65	49.31	49.49	0.35	ppb
Copper	63-2	514.54	503.74	496.78	505.02	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				102		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	2458.85	2426.05	2379.59	2421.50	1.64	ppb
Iron	56-2	2553.73	2485.80	2500.96	2513.50	1.42	ppb
Iron	57-2	2447.19	2338.22	2343.55	2376.32	2.59	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:31:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	233.36	248.97	238.72	240.35	3.30	ppb
Lead	207-1	230.18	243.97	244.91	239.69	3.44	ppb
Lead	208-1	230.34	244.07	242.57	238.99	3.15	ppb
Lithium	6-1				101		%
Magnesium	24-2	4735.50	4860.96	4710.81	4769.09	1.69	ppb
Manganese	55-2	486.22	481.39	474.73	480.78	1.20	ppb
Molybdenum	94-1	544.20	552.68	564.00	553.63	1.79	ppb
Molybdenum	95-1	536.38	542.28	542.37	540.34	0.64	ppb
Molybdenum	96-1	549.19	567.41	564.59	560.39	1.75	ppb
Molybdenum	97-1	524.72	544.20	543.41	537.44	2.05	ppb
Molybdenum	98-1	560.41	550.70	576.22	562.44	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.03	53.92	51.68	53.21	2.50	ppb
Phosphorus	31-2	1098.51	1021.00	1042.74	1054.08	3.79	ppb
Potassium	39-2	2369.06	2372.31	2315.14	2352.17	1.37	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	52.68	53.62	53.64	53.31	1.02	ppb
Selenium	77-2	49.44	68.09	51.65	56.39	18.07	ppb
Selenium	78-2	46.09	51.65	54.23	50.66	8.21	ppb
Silicon	28-1	52.25	53.70	53.33	53.09	1.42	ppb
Silver	107-1	49.54	51.35	51.55	50.82	2.18	ppb
Silver	109-1	50.54	52.76	51.85	51.72	2.15	ppb
Sodium	23-2	4909.54	4953.42	4822.12	4895.03	1.37	ppb
Strontium	86-1	487.74	502.67	501.14	497.18	1.65	ppb
Strontium	88-1	505.60	515.95	521.24	514.26	1.55	ppb
Sulfur	34-1	962.12	1004.16	818.09	928.12	10.51	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	47.63	50.09	49.44	49.05	2.60	ppb
Thallium	205-1	48.53	50.89	49.20	49.54	2.45	ppb
Tin	118-1	49.44	50.21	50.39	50.01	1.01	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:31:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	541.11	561.34	551.23	551.23	1.83	ppb
Uranium	238-1	47.16	48.22	47.80	47.73	1.12	ppb
Vanadium	51-2	50.03	48.05	48.30	48.80	2.21	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	523.64	516.03	508.86	516.18	1.43	ppb
Zirconium	90-1	48.65	50.37	49.09	49.37	1.81	ppb
Zirconium	91-1	47.75	48.98	48.56	48.43	1.29	ppb

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 14:34:34 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2430.34	2428.00	2420.12	2426.15	0.22	ppb
Antimony	121-1	124.19	121.65	123.34	123.06	1.05	ppb
Arsenic	75-2	127.60	128.53	125.64	127.26	1.16	ppb
Barium	135-1	630.22	620.01	628.50	626.24	0.87	ppb
Barium	137-1	641.49	621.36	635.14	632.67	1.63	ppb
Beryllium	9-1	119.80	125.94	121.96	122.57	2.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	107.11	116.47	123.39	115.66	7.07	ppb
Boron	11-1	110.00	124.34	128.15	120.83	7.92	ppb
Bromine	81-1						cps
Cadmium	111-1	132.98	132.65	135.53	133.72	1.18	ppb
Cadmium	106-1	136.21	135.07	133.35	134.88	1.07	ppb
Cadmium	108-1	139.20	132.18	133.44	134.94	2.77	ppb
Calcium	43-1	11968.12	12566.92	11950.11	12161.72	2.89	ppb
Calcium	44-1	12709.90	13059.96	12823.41	12864.42	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.16	125.12	122.66	123.98	1.00	ppb
Cobalt	59-2	125.45	124.95	122.75	124.38	1.15	ppb
Copper	63-2	1373.41	1353.49	1324.20	1350.37	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	6280.04	6097.53	6127.05	6168.21	1.59	ppb
Iron	56-2	6370.70	6516.26	6266.90	6384.62	1.96	ppb
Iron	57-2	6094.52	5891.97	5955.95	5980.82	1.73	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:34:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	633.33	654.20	636.99	641.51	1.74	ppb
Lead	207-1	581.37	599.94	589.25	590.19	1.58	ppb
Lead	208-1	617.81	627.22	620.93	621.99	0.77	ppb
Lithium	6-1				104		%
Magnesium	24-2	13870.46	12456.82	12549.54	12958.94	6.10	ppb
Manganese	55-2	1247.24	1231.84	1208.78	1229.29	1.57	ppb
Molybdenum	94-1	1471.01	1420.11	1421.61	1437.57	2.01	ppb
Molybdenum	95-1	1433.22	1363.71	1399.85	1398.93	2.49	ppb
Molybdenum	96-1	1395.49	1339.52	1425.13	1386.71	3.14	ppb
Molybdenum	97-1	1445.76	1330.79	1394.25	1390.27	4.14	ppb
Molybdenum	98-1	1423.24	1341.11	1361.21	1375.19	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.23	132.08	133.60	132.64	0.63	ppb
Phosphorus	31-2	2594.18	2724.69	2547.06	2621.98	3.51	ppb
Potassium	39-2	6071.24	6092.87	6008.79	6057.63	0.72	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	133.03	128.25	127.57	129.61	2.30	ppb
Selenium	77-2	110.82	130.89	126.21	122.64	8.56	ppb
Selenium	78-2	136.05	126.96	133.88	132.30	3.59	ppb
Silicon	28-1	131.30	137.10	127.97	132.12	3.50	ppb
Silver	107-1	128.56	127.81	128.78	128.38	0.40	ppb
Silver	109-1	130.38	126.54	128.83	128.58	1.50	ppb
Sodium	23-2	12684.45	11946.46	12340.51	12323.81	3.00	ppb
Strontium	86-1	1300.67	1262.29	1275.18	1279.38	1.53	ppb
Strontium	88-1	1277.44	1264.47	1263.06	1268.32	0.63	ppb
Sulfur	34-1	2110.09	2683.34	1978.81	2257.41	16.60	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	118.53	121.84	118.02	119.46	1.74	ppb
Thallium	205-1	117.74	122.44	118.69	119.62	2.08	ppb
Tin	118-1	129.80	122.46	124.37	125.54	3.03	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:34:34	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1358.61	1403.71	1356.70	1373.01	1.94	ppb
Uranium	238-1	114.89	120.75	115.19	116.94	2.83	ppb
Vanadium	51-2	123.25	122.90	120.17	122.11	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	1299.78	1277.16	1239.04	1271.99	2.41	ppb
Zirconium	90-1	122.50	124.08	123.77	123.45	0.68	ppb
Zirconium	91-1	121.46	119.82	121.38	120.89	0.77	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:37:40	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4637.35	4733.67	4764.87	4711.96	1.41	ppb
Antimony	121-1	243.18	244.11	246.88	244.72	0.79	ppb
Arsenic	75-2	252.97	253.41	246.60	250.99	1.52	ppb
Barium	135-1	1204.18	1219.52	1219.67	1214.46	0.73	ppb
Barium	137-1	1295.50	1262.08	1255.70	1271.09	1.68	ppb
Beryllium	9-1	234.70	252.24	243.52	243.49	3.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				95		%
Boron	10-1	211.88	247.84	252.07	237.26	9.31	ppb
Boron	11-1	218.25	254.54	259.11	243.97	9.18	ppb
Bromine	81-1						cps
Cadmium	111-1	255.44	255.12	256.72	255.76	0.33	ppb
Cadmium	106-1	256.44	261.03	263.30	260.26	1.34	ppb
Cadmium	108-1	260.22	267.16	250.55	259.31	3.22	ppb
Calcium	43-1	23957.70	24735.07	23835.06	24175.94	2.02	ppb
Calcium	44-1	24590.86	25597.90	24957.84	25048.87	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	237.74	240.07	245.03	240.95	1.54	ppb
Cobalt	59-2	240.01	240.39	249.45	243.28	2.20	ppb
Copper	63-2	2565.48	2669.81	2623.32	2619.54	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	11700.89	12024.88	12475.01	12066.93	3.22	ppb
Iron	56-2	12279.95	12811.75	12525.78	12539.16	2.12	ppb
Iron	57-2	11887.91	11727.98	11937.14	11851.01	0.92	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:37:40	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1223.46	1286.01	1293.19	1267.55	3.03	ppb
Lead	207-1	1212.09	1259.95	1273.06	1248.36	2.57	ppb
Lead	208-1	1217.76	1251.36	1257.89	1242.34	1.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	24826.78	24928.03	25180.73	24978.51	0.73	ppb
Manganese	55-2	2505.08	2559.14	2615.30	2559.84	2.15	ppb
Molybdenum	94-1	2809.37	2752.98	2783.41	2781.92	1.01	ppb
Molybdenum	95-1	2780.59	2726.06	2720.24	2742.30	1.21	ppb
Molybdenum	96-1	2717.28	2704.56	2684.47	2702.10	0.61	ppb
Molybdenum	97-1	2767.74	2767.13	2746.82	2760.56	0.43	ppb
Molybdenum	98-1	2754.22	2742.99	2715.46	2737.56	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.00	260.53	258.87	258.80	0.68	ppb
Phosphorus	31-2	5175.01	5081.01	5243.96	5166.66	1.58	ppb
Potassium	39-2	12275.30	12391.64	12452.30	12373.08	0.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	249.80	252.70	251.98	251.49	0.60	ppb
Selenium	77-2	265.78	241.84	214.51	240.71	10.66	ppb
Selenium	78-2	259.20	251.64	254.46	255.10	1.50	ppb
Silicon	28-1	249.48	270.34	256.56	258.80	4.10	ppb
Silver	107-1	246.97	249.13	246.11	247.40	0.63	ppb
Silver	109-1	247.87	249.06	250.67	249.20	0.56	ppb
Sodium	23-2	24276.37	24138.83	24210.44	24208.55	0.28	ppb
Strontium	86-1	2532.76	2537.28	2475.15	2515.06	1.38	ppb
Strontium	88-1	2436.15	2479.45	2481.92	2465.84	1.04	ppb
Sulfur	34-1	4062.78	5071.72	4209.99	4448.16	12.25	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	227.38	237.06	240.26	234.90	2.85	ppb
Thallium	205-1	239.85	249.93	259.93	249.90	4.02	ppb
Tin	118-1	248.76	250.44	247.79	249.00	0.54	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:37:40	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2750.27	2887.50	2828.36	2822.04	2.44	ppb
Uranium	238-1	239.90	245.09	246.52	243.83	1.43	ppb
Vanadium	51-2	239.62	240.94	245.78	242.12	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	2419.34	2525.94	2590.24	2511.84	3.44	ppb
Zirconium	90-1	260.54	255.27	258.19	258.00	1.02	ppb
Zirconium	91-1	242.75	243.80	239.96	242.17	0.82	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:40:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9393.42	9539.80	9212.42	9381.88	1.75	ppb
Antimony	121-1	512.44	501.16	508.04	507.21	1.12	ppb
Arsenic	75-2	503.44	505.97	500.30	503.24	0.56	ppb
Barium	135-1	2554.43	2542.57	2574.50	2557.17	0.63	ppb
Barium	137-1	2510.75	2425.29	2574.52	2503.52	2.99	ppb
Beryllium	9-1	478.73	485.78	499.94	488.15	2.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				94		%
Boron	10-1	444.22	494.80	532.08	490.37	8.99	ppb
Boron	11-1	477.53	514.15	545.63	512.44	6.65	ppb
Bromine	81-1						cps
Cadmium	111-1	511.92	496.59	512.62	507.05	1.79	ppb
Cadmium	106-1	510.33	508.21	512.21	510.25	0.39	ppb
Cadmium	108-1	509.47	507.86	492.24	503.19	1.89	ppb
Calcium	43-1	47210.77	47588.94	48422.20	47740.64	1.30	ppb
Calcium	44-1	49624.85	50198.88	50999.19	50274.30	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.02	483.99	470.26	477.42	1.44	ppb
Cobalt	59-2	512.81	490.21	478.53	493.85	3.53	ppb
Copper	63-2	5084.41	5201.70	5145.26	5143.79	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	26035.85	26230.82	25844.06	26036.91	0.74	ppb
Iron	56-2	24152.96	24827.49	24891.17	24623.87	1.66	ppb
Iron	57-2	23161.01	23943.48	23359.18	23487.89	1.73	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:40:43	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2456.95	2382.71	2513.65	2451.10	2.68	ppb
Lead	207-1	2453.34	2419.82	2508.61	2460.59	1.82	ppb
Lead	208-1	2434.93	2414.62	2499.59	2449.71	1.81	ppb
Lithium	6-1				105		%
Magnesium	24-2	51111.95	50262.19	49564.23	50312.79	1.54	ppb
Manganese	55-2	4958.10	5119.32	5120.71	5066.04	1.85	ppb
Molybdenum	94-1	5498.83	5526.20	5616.62	5547.22	1.11	ppb
Molybdenum	95-1	5415.80	5544.85	5499.09	5486.58	1.19	ppb
Molybdenum	96-1	5498.54	5514.43	5529.25	5514.08	0.28	ppb
Molybdenum	97-1	5472.87	5485.88	5475.09	5477.95	0.13	ppb
Molybdenum	98-1	5534.53	5379.40	5432.26	5448.73	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.95	519.39	510.05	512.80	1.12	ppb
Phosphorus	31-2	9984.82	10198.81	10001.65	10061.76	1.18	ppb
Potassium	39-2	24251.33	24512.96	24658.45	24474.24	0.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	496.71	497.13	502.24	498.69	0.62	ppb
Selenium	77-2	513.45	525.02	487.78	508.75	3.75	ppb
Selenium	78-2	501.89	490.65	505.20	499.25	1.53	ppb
Silicon	28-1	518.30	498.00	511.36	509.22	2.03	ppb
Silver	107-1	508.88	512.84	509.05	510.26	0.44	ppb
Silver	109-1	523.83	502.94	509.84	512.20	2.08	ppb
Sodium	23-2	48860.98	48770.00	49322.62	48984.53	0.60	ppb
Strontium	86-1	4909.15	4956.50	5101.34	4989.00	2.01	ppb
Strontium	88-1	4935.39	4997.57	5110.52	5014.49	1.77	ppb
Sulfur	34-1	9587.14	9295.01	9703.62	9528.59	2.21	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	492.53	498.27	501.82	497.54	0.94	ppb
Thallium	205-1	488.80	480.93	496.27	488.67	1.57	ppb
Tin	118-1	514.01	500.32	514.27	509.53	1.57	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:40:43	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5489.62	5504.03	5600.43	5531.36	1.09	ppb
Uranium	238-1	488.21	470.29	515.48	491.33	4.63	ppb
Vanadium	51-2	475.75	486.50	474.42	478.89	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	4745.39	4997.27	4802.98	4848.55	2.72	ppb
Zirconium	90-1	498.71	503.05	507.92	503.23	0.92	ppb
Zirconium	91-1	477.40	477.57	480.06	478.34	0.31	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:43:49	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18583.51	18483.61	18336.48	18467.87	0.67	ppb
Antimony	121-1	1003.23	982.76	1007.90	997.96	1.34	ppb
Arsenic	75-2	1003.85	992.65	996.87	997.79	0.57	ppb
Barium	135-1	5019.35	4865.50	5056.02	4980.29	2.03	ppb
Barium	137-1	5014.07	4885.26	5076.64	4991.99	1.95	ppb
Beryllium	9-1	999.44	1002.96	1021.16	1007.85	1.16	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	941.47	994.76	1092.93	1009.72	7.61	ppb
Boron	11-1	930.72	1020.04	1038.06	996.27	5.77	ppb
Bromine	81-1						cps
Cadmium	111-1	994.51	986.63	1000.21	993.78	0.69	ppb
Cadmium	106-1	1005.82	981.00	986.31	991.04	1.32	ppb
Cadmium	108-1	1007.12	973.16	1003.88	994.72	1.88	ppb
Calcium	43-1	104553.94	103453.29	105203.33	104403.52	0.85	ppb
Calcium	44-1	101943.77	99831.65	101697.27	101157.56	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1024.57	1006.13	1010.52	1013.74	0.95	ppb
Cobalt	59-2	997.11	1014.96	1002.50	1004.86	0.91	ppb
Copper	63-2	9943.18	9912.71	9800.38	9885.42	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	51006.37	51274.19	50601.36	50960.64	0.66	ppb
Iron	56-2	49590.49	48671.13	49421.21	49227.61	0.99	ppb
Iron	57-2	50727.34	49616.28	50024.73	50122.78	1.12	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:43:49	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5057.10	4929.92	5068.43	5018.48	1.53	ppb
Lead	207-1	5100.48	4962.22	5012.24	5024.98	1.39	ppb
Lead	208-1	5012.45	4982.16	5089.34	5027.99	1.10	ppb
Lithium	6-1				104		%
Magnesium	24-2	98732.44	96517.53	94712.14	96654.04	2.08	ppb
Manganese	55-2	10128.46	9819.70	9918.54	9955.57	1.58	ppb
Molybdenum	94-1	10880.64	11085.47	10915.11	10960.41	1.00	ppb
Molybdenum	95-1	10901.02	11128.36	10989.00	11006.13	1.04	ppb
Molybdenum	96-1	10923.99	11067.75	11017.12	11002.95	0.66	ppb
Molybdenum	97-1	10788.67	11135.14	11097.50	11007.10	1.73	ppb
Molybdenum	98-1	10927.66	11190.97	10965.68	11028.10	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.37	996.63	976.85	990.29	1.18	ppb
Phosphorus	31-2	20066.47	19864.36	19797.68	19909.50	0.70	ppb
Potassium	39-2	48360.96	46689.27	47764.77	47605.00	1.78	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	997.91	997.62	1003.09	999.54	0.31	ppb
Selenium	77-2	1034.54	999.28	959.96	997.93	3.74	ppb
Selenium	78-2	1021.76	985.20	987.49	998.15	2.05	ppb
Silicon	28-1	1013.29	976.78	986.66	992.24	1.90	ppb
Silver	107-1	1016.92	978.07	990.18	995.06	2.00	ppb
Silver	109-1	1002.81	986.77	991.12	993.56	0.83	ppb
Sodium	23-2	96960.83	93671.64	91458.19	94030.22	2.94	ppb
Strontium	86-1	9987.47	9915.28	10091.87	9998.21	0.89	ppb
Strontium	88-1	10084.27	9879.87	10030.72	9998.29	1.06	ppb
Sulfur	34-1	21274.67	19232.04	20716.03	20407.58	5.17	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	980.69	1024.13	1012.41	1005.74	2.23	ppb
Thallium	205-1	1003.64	1004.11	1011.40	1006.39	0.43	ppb
Tin	118-1	1005.66	969.84	1010.75	995.42	2.24	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:43:49	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11074.17	10595.94	11229.39	10966.50	3.01	ppb
Uranium	238-1	1002.86	1012.34	1005.79	1007.00	0.48	ppb
Vanadium	51-2	1027.43	1017.38	994.05	1012.95	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	10127.55	10066.02	10014.05	10069.21	0.56	ppb
Zirconium	90-1	989.76	993.85	1006.23	996.61	0.86	ppb
Zirconium	91-1	1008.51	1010.15	1021.48	1013.38	0.70	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:46:52	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107991.14	96948.49	96214.47	100384.70	6.57	ppb
Antimony	121-1	0.97	0.91	0.99	0.96	4.03	ppb
Arsenic	75-2	0.96	0.46	0.61	0.68	38.02	ppb
Barium	135-1	2.72	2.55	3.00	2.76	8.40	ppb
Barium	137-1	3.04	2.57	2.72	2.78	8.55	ppb
Beryllium	9-1	0.66	0.66	0.67	0.66	0.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				82		%
Boron	10-1	166.12	150.47	142.13	152.91	7.96	ppb
Boron	11-1	174.11	156.73	146.02	158.95	8.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.44	0.28	0.26	0.33	28.90	ppb
Cadmium	106-1	2.93	-0.29	2.61	1.75	101.11	ppb
Cadmium	108-1	1.09	1.15	1.30	1.18	9.30	ppb
Calcium	43-1	496983.30	493656.95	507546.84	499395.70	1.45	ppb
Calcium	44-1	499253.65	499818.41	500107.95	499726.67	0.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.56	2.20	2.28	2.35	8.10	ppb
Cobalt	59-2	2.82	2.68	2.59	2.70	4.38	ppb
Copper	63-2	7.54	5.57	5.14	6.09	20.99	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				106		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	54-2	268012.72	241706.63	239466.64	249728.67	6.36	ppb
Iron	56-2	263610.13	244183.21	242766.56	250186.63	4.66	ppb
Iron	57-2	267858.55	240202.35	242440.31	250167.07	6.14	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:46:52	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.18	3.51	3.72	3.80	9.03	ppb
Lead	207-1	3.76	3.48	3.75	3.66	4.41	ppb
Lead	208-1	3.82	3.51	3.62	3.65	4.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	543833.27	486885.61	471170.75	500629.88	7.64	ppb
Manganese	55-2	9.42	7.12	6.79	7.78	18.42	ppb
Molybdenum	94-1	7.30	5.86	5.54	6.23	15.01	ppb
Molybdenum	95-1	6.49	4.68	4.58	5.25	20.51	ppb
Molybdenum	96-1	8.31	7.43	7.16	7.63	7.83	ppb
Molybdenum	97-1	6.49	4.43	4.74	5.22	21.27	ppb
Molybdenum	98-1	5.66	5.43	4.24	5.11	14.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.44	2.95	3.00	3.13	8.76	ppb
Phosphorus	31-2	-32.71	-14.27	49.45	0.83	5220.39	ppb
Potassium	39-2	265916.49	244135.89	241580.69	250544.36	5.34	ppb
Rhodium	103-1				94		%
Rhodium	103-2				88		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	1.66	1.51	1.79	1.65	8.61	ppb
Selenium	77-2	1.16	0.03	-0.94	0.09	1227.65	ppb
Selenium	78-2	-0.31	0.27	0.86	0.27	215.53	ppb
Silicon	28-1	14.22	14.00	14.00	14.07	0.92	ppb
Silver	107-1	0.47	0.36	0.40	0.41	13.74	ppb
Silver	109-1	0.45	0.37	0.35	0.39	13.95	ppb
Sodium	23-2	532804.58	489825.34	481391.88	501340.60	5.50	ppb
Strontium	86-1	11.58	7.97	8.20	9.25	21.90	ppb
Strontium	88-1	9.40	8.43	8.68	8.84	5.70	ppb
Sulfur	34-1	-818.41	-1034.47	-782.36	-878.41		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.48	0.36	0.35	0.40	17.54	ppb
Thallium	205-1	0.42	0.36	0.40	0.40	7.02	ppb
Tin	118-1	0.70	0.71	0.73	0.72	2.14	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:46:52	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.89	4.06	2.94	3.63	16.61	ppb
Uranium	238-1	0.39	0.30	0.28	0.32	18.67	ppb
Vanadium	51-2	0.68	0.39	0.42	0.50	31.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	31.09	27.77	26.70	28.52	8.02	ppb
Zirconium	90-1	0.78	0.71	0.72	0.74	5.27	ppb
Zirconium	91-1	0.77	0.73	0.55	0.68	17.60	ppb

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : ICV093 Instrumnet Name : P8
 Client Sample ID : ICV093 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 15:45:13 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	450.00	437.82	448.90	445.57	1.51	ppb
Antimony	121-1	209.22	197.25	200.81	202.43	3.04	ppb
Arsenic	75-2	207.85	212.81	206.38	209.01	1.61	ppb
Barium	135-1	105.18	102.50	102.21	103.30	1.58	ppb
Barium	137-1	105.99	102.56	104.84	104.47	1.67	ppb
Beryllium	9-1	101.77	95.89	100.95	99.54	3.20	ppb
Bismuth	209-1				99		%
Bismuth	209-2				92		%
Boron	10-1	250.93	252.03	265.72	256.23	3.22	ppb
Boron	11-1	260.34	262.80	273.76	265.63	2.69	ppb
Bromine	81-1						cps
Cadmium	111-1	111.27	106.70	110.58	109.52	2.25	ppb
Cadmium	106-1	189.53	174.73	187.52	183.93	4.37	ppb
Cadmium	108-1	163.43	152.24	155.49	157.05	3.67	ppb
Calcium	43-1	2142.57	2067.35	2115.03	2108.32	1.81	ppb
Calcium	44-1	2090.22	2011.71	2028.98	2043.64	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.16	95.37	98.28	96.94	1.52	ppb
Cobalt	59-2	98.23	98.86	98.66	98.59	0.33	ppb
Copper	63-2	98.29	99.17	97.24	98.23	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				99		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	1906.56	1955.63	1889.27	1917.16	1.80	ppb
Iron	56-2	1960.27	1922.54	1965.02	1949.28	1.19	ppb
Iron	57-2	1842.63	1842.67	1866.26	1850.52	0.74	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICV093	Instrumnet Name :	P8
Client Sample ID :	ICV093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:45:13	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	200.85	196.49	193.09	196.81	1.98	ppb
Lead	207-1	193.00	189.12	185.98	189.37	1.86	ppb
Lead	208-1	197.43	193.45	188.98	193.29	2.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	1073.31	1049.72	1098.06	1073.70	2.25	ppb
Manganese	55-2	92.45	93.83	93.97	93.42	0.90	ppb
Molybdenum	94-1	3230.65	3260.68	3151.31	3214.21	1.76	ppb
Molybdenum	95-1	2609.59	2640.56	2631.77	2627.31	0.61	ppb
Molybdenum	96-1	2677.37	2650.75	2626.44	2651.52	0.96	ppb
Molybdenum	97-1	2647.28	2592.81	2640.20	2626.76	1.13	ppb
Molybdenum	98-1	2670.69	2563.03	2617.70	2617.14	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.75	102.99	104.79	103.51	1.08	ppb
Phosphorus	31-2	15.19	-69.60	17.41	-12.33		ppb
Potassium	39-2	1774.76	1734.86	1775.54	1761.72	1.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	216.35	212.74	213.98	214.36	0.85	ppb
Selenium	77-2	183.09	225.12	208.96	205.72	10.31	ppb
Selenium	78-2	210.63	213.50	218.11	214.08	1.76	ppb
Silicon	28-1	39.26	37.79	39.75	38.94	2.62	ppb
Silver	107-1	51.19	51.26	52.20	51.55	1.10	ppb
Silver	109-1	52.23	50.30	52.90	51.81	2.61	ppb
Sodium	23-2	1730.24	1773.22	1785.43	1762.96	1.64	ppb
Strontium	86-1	548.58	523.94	530.37	534.29	2.39	ppb
Strontium	88-1	550.92	549.70	538.17	546.26	1.29	ppb
Sulfur	34-1	224.51	-595.95	-386.03	-252.49		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	203.04	195.27	197.09	198.47	2.05	ppb
Thallium	205-1	217.21	215.21	208.21	213.54	2.21	ppb
Tin	118-1	544.53	532.37	548.24	541.72	1.53	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICV093	Instrumnet Name :	P8
Client Sample ID :	ICV093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:45:13	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2713.30	2562.56	2619.65	2631.84	2.89	ppb
Uranium	238-1	570.20	533.09	539.40	547.57	3.63	ppb
Vanadium	51-2	93.57	96.47	95.21	95.08	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	198.86	199.71	200.77	199.78	0.48	ppb
Zirconium	90-1	542.60	539.64	537.64	539.96	0.46	ppb
Zirconium	91-1	515.77	514.56	509.06	513.13	0.70	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICB093	Instrumnet Name :	P8
Client Sample ID :	ICB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:51:29	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.23	-0.44	-0.30		ppb
Antimony	121-1	0.02	0.03	0.05	0.03	51.13	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.01	254.24	ppb
Barium	135-1	0.02	0.01	-0.01	0.01	324.61	ppb
Barium	137-1	-0.01	-0.03	-0.02	-0.02		ppb
Beryllium	9-1	-0.01	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				100		%
Bismuth	209-2				91		%
Boron	10-1	16.59	15.98	13.59	15.38	10.29	ppb
Boron	11-1	15.97	15.98	15.05	15.67	3.41	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	-0.04	-0.01		ppb
Cadmium	106-1	-3.70	-1.92	-2.10	-2.57		ppb
Cadmium	108-1	-0.14	-0.25	-0.02	-0.14		ppb
Calcium	43-1	-0.44	-0.82	-1.66	-0.98		ppb
Calcium	44-1	-2.98	-3.53	-3.63	-3.38		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	-0.01	0.00	372.53	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	-0.01	-0.03	-0.04	-0.03		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				98		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	0.38	2.77	-0.14	1.00	154.38	ppb
Iron	56-2	-0.06	0.11	0.04	0.03	294.82	ppb
Iron	57-2	0.55	0.99	0.92	0.82	29.26	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICB093	Instrumnet Name :	P8
Client Sample ID :	ICB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:51:29	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.03	-0.03	0.00		ppb
Lead	207-1	0.03	-0.03	0.04	0.01	258.55	ppb
Lead	208-1	0.03	0.01	0.02	0.02	58.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.67	0.58	-0.58	-0.22		ppb
Manganese	55-2	-0.02	-0.06	-0.02	-0.03		ppb
Molybdenum	94-1	0.14	0.13	0.10	0.12	18.61	ppb
Molybdenum	95-1	0.19	0.10	0.08	0.12	47.94	ppb
Molybdenum	96-1	0.09	0.11	0.07	0.09	19.10	ppb
Molybdenum	97-1	0.12	0.13	0.08	0.11	23.19	ppb
Molybdenum	98-1	0.16	0.11	0.08	0.11	32.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.01	-0.09	-0.06		ppb
Phosphorus	31-2	-4.83	-6.51	-36.81	-16.05		ppb
Potassium	39-2	5.59	4.45	7.81	5.95	28.70	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	-0.05	-0.56	-0.72	-0.44		ppb
Selenium	77-2	-0.94	-0.94	-0.94	-0.94		ppb
Selenium	78-2	0.30	0.84	0.37	0.50	58.75	ppb
Silicon	28-1	-0.61	-0.43	-0.67	-0.57		ppb
Silver	107-1	0.02	0.01	0.02	0.02	47.24	ppb
Silver	109-1	0.03	0.01	0.03	0.02	41.08	ppb
Sodium	23-2	1.09	3.56	3.57	2.74	52.20	ppb
Strontium	86-1	0.08	0.06	-0.01	0.04	114.91	ppb
Strontium	88-1	0.03	0.01	0.00	0.01	81.57	ppb
Sulfur	34-1	-619.67	-413.08	-504.78	-512.51		ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	-0.04	-0.07	-0.09	-0.07		ppb
Thallium	205-1	-0.05	-0.06	-0.06	-0.06		ppb
Tin	118-1	0.01	-0.04	-0.02	-0.02		ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICB093	Instrumnet Name :	P8
Client Sample ID :	ICB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:51:29	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.00	0.14	0.08	91.03	ppb
Uranium	238-1	0.01	0.00	0.01	0.00	86.87	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	107.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	-0.05	0.01	0.09	0.02	414.05	ppb
Zirconium	90-1	0.01	0.01	0.03	0.01	79.40	ppb
Zirconium	91-1	0.01	-0.03	0.00	-0.01		ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSA093	Instrumnet Name :	P8
Client Sample ID :	ICSA093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:54:33	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94722.52	91586.18	96774.75	94361.15	2.77	ppb
Antimony	121-1	1.32	1.25	1.36	1.31	4.26	ppb
Arsenic	75-2	0.33	0.31	0.33	0.33	3.57	ppb
Barium	135-1	1.42	1.38	1.44	1.41	2.42	ppb
Barium	137-1	1.63	1.48	1.36	1.49	9.08	ppb
Beryllium	9-1	0.29	0.29	0.26	0.28	5.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				87		%
Boron	10-1	13.77	12.80	12.07	12.88	6.63	ppb
Boron	11-1	14.06	13.59	13.12	13.59	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.42	0.51	0.37	0.43	17.02	ppb
Cadmium	106-1	-0.05	-3.71	-1.22	-1.66		ppb
Cadmium	108-1	9.13	8.83	8.99	8.98	1.68	ppb
Calcium	43-1	96409.57	101193.27	95126.47	97576.44	3.28	ppb
Calcium	44-1	96636.25	100419.70	94784.22	97280.06	2.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.71	18.31	19.94	19.32	4.56	ppb
Cobalt	59-2	1.11	1.20	1.17	1.16	4.05	ppb
Copper	63-2	7.19	6.93	7.44	7.19	3.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	54-2	97532.42	94576.45	101626.76	97911.88	3.62	ppb
Iron	56-2	96896.26	94186.87	101774.25	97619.13	3.94	ppb
Iron	57-2	102429.74	95905.44	102291.67	100208.95	3.72	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSA093	Instrumnet Name :	P8
Client Sample ID :	ICSA093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:54:33	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.53	4.38	4.50	4.47	1.78	ppb
Lead	207-1	3.99	4.24	4.06	4.10	3.12	ppb
Lead	208-1	4.16	4.25	4.17	4.19	1.26	ppb
Lithium	6-1				105		%
Magnesium	24-2	95015.09	91004.13	97538.10	94519.10	3.49	ppb
Manganese	55-2	7.02	7.20	7.13	7.11	1.29	ppb
Molybdenum	94-1	1670.44	1671.52	1659.88	1667.28	0.39	ppb
Molybdenum	95-1	2008.97	1999.84	1938.48	1982.43	1.93	ppb
Molybdenum	96-1	1932.63	1931.29	1910.83	1924.92	0.63	ppb
Molybdenum	97-1	2015.05	1964.67	1885.53	1955.08	3.34	ppb
Molybdenum	98-1	1984.37	1953.67	1895.95	1944.67	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.47	5.33	5.68	5.49	3.17	ppb
Phosphorus	31-2	101824.07	96959.86	105001.43	101261.79	4.00	ppb
Potassium	39-2	99559.09	92711.56	97571.53	96614.06	3.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	1.09	0.47	1.60	1.05	53.59	ppb
Selenium	77-2	0.03	0.02	-0.94	-0.30		ppb
Selenium	78-2	0.26	0.06	-0.56	-0.08		ppb
Silicon	28-1	1.15	1.99	0.75	1.29	48.92	ppb
Silver	107-1	0.05	0.06	0.03	0.05	26.56	ppb
Silver	109-1	0.07	0.04	0.03	0.04	52.31	ppb
Sodium	23-2	98421.93	94749.45	100572.59	97914.66	3.01	ppb
Strontium	86-1	33.28	33.09	33.21	33.19	0.29	ppb
Strontium	88-1	33.78	33.22	32.76	33.25	1.54	ppb
Sulfur	34-1	81084.86	92398.08	81835.73	85106.22	7.43	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.00	0.01	0.01	76.14	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	29.51	ppb
Tin	118-1	0.20	0.18	0.19	0.19	5.22	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSA093	Instrumnet Name :	P8
Client Sample ID :	ICSA093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:54:33	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2033.40	2075.02	1982.65	2030.36	2.28	ppb
Uranium	238-1	0.14	0.09	0.14	0.12	26.25	ppb
Vanadium	51-2	0.15	0.15	0.16	0.15	2.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	10.79	10.61	11.27	10.89	3.16	ppb
Zirconium	90-1	0.11	0.13	0.14	0.12	9.33	ppb
Zirconium	91-1	0.11	0.07	0.10	0.10	19.73	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSAB093	Instrumnet Name :	P8
Client Sample ID :	ICSAB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:57:29	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92213.28	92788.75	89826.41	91609.48	1.71	ppb
Antimony	121-1	20.10	20.49	20.95	20.51	2.07	ppb
Arsenic	75-2	20.03	20.52	19.95	20.16	1.52	ppb
Barium	135-1	20.01	21.01	21.17	20.73	3.03	ppb
Barium	137-1	20.21	20.89	21.30	20.80	2.67	ppb
Beryllium	9-1	20.12	19.19	18.89	19.40	3.31	ppb
Bismuth	209-1				100		%
Bismuth	209-2				89		%
Boron	10-1	36.22	36.39	37.55	36.72	1.97	ppb
Boron	11-1	38.15	37.24	37.05	37.48	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	20.21	20.34	20.47	20.34	0.63	ppb
Cadmium	106-1	20.51	23.55	23.79	22.62	8.10	ppb
Cadmium	108-1	29.14	30.50	32.13	30.59	4.88	ppb
Calcium	43-1	99492.79	92269.62	95349.32	95703.91	3.79	ppb
Calcium	44-1	100535.01	96583.79	99357.68	98825.49	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.84	36.82	36.99	36.88	0.26	ppb
Cobalt	59-2	19.65	20.05	19.78	19.82	1.02	ppb
Copper	63-2	25.39	25.77	25.55	25.57	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				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	94945.04	98796.88	94594.12	96112.02	2.43	ppb
Iron	56-2	94967.87	95846.43	95686.44	95500.25	0.49	ppb
Iron	57-2	98772.74	97571.35	96288.61	97544.23	1.27	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSAB093	Instrumnet Name :	P8
Client Sample ID :	ICSAB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:57:29	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.23	24.50	23.40	24.04	2.39	ppb
Lead	207-1	23.08	23.19	22.04	22.77	2.77	ppb
Lead	208-1	23.14	23.16	22.40	22.90	1.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	91576.02	95459.88	90743.00	92592.96	2.72	ppb
Manganese	55-2	24.70	25.28	24.40	24.79	1.81	ppb
Molybdenum	94-1	1834.72	1734.05	1778.16	1782.31	2.83	ppb
Molybdenum	95-1	2020.23	1961.60	1982.28	1988.03	1.50	ppb
Molybdenum	96-1	1986.94	1926.75	1917.66	1943.79	1.94	ppb
Molybdenum	97-1	2061.55	2020.84	1960.44	2014.28	2.53	ppb
Molybdenum	98-1	2007.83	1977.07	1965.38	1983.43	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.69	24.72	24.59	24.67	0.27	ppb
Phosphorus	31-2	97955.57	98060.58	96200.75	97405.63	1.07	ppb
Potassium	39-2	92990.56	93840.40	93775.48	93535.48	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	19.28	20.39	20.16	19.95	2.93	ppb
Selenium	77-2	20.17	18.07	20.14	19.46	6.19	ppb
Selenium	78-2	19.82	21.84	17.65	19.77	10.62	ppb
Silicon	28-1	5.73	5.42	6.00	5.72	5.14	ppb
Silver	107-1	18.75	18.83	19.25	18.94	1.43	ppb
Silver	109-1	18.62	18.50	19.23	18.78	2.10	ppb
Sodium	23-2	92873.84	95927.96	96930.81	95244.21	2.22	ppb
Strontium	86-1	85.80	83.86	82.57	84.08	1.93	ppb
Strontium	88-1	84.37	83.46	84.76	84.20	0.79	ppb
Sulfur	34-1	80563.97	79557.59	82893.02	81004.86	2.11	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	19.56	19.60	19.11	19.43	1.41	ppb
Thallium	205-1	20.12	19.70	19.10	19.64	2.61	ppb
Tin	118-1	52.46	52.66	52.97	52.70	0.48	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSAB093	Instrumnet Name :	P8
Client Sample ID :	ICSAB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:57:29	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2048.32	2048.26	2115.18	2070.59	1.87	ppb
Uranium	238-1	52.35	52.21	50.63	51.73	1.85	ppb
Vanadium	51-2	18.95	19.43	18.03	18.80	3.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	29.50	30.42	29.98	29.97	1.53	ppb
Zirconium	90-1	51.73	51.60	50.24	51.19	1.62	ppb
Zirconium	91-1	50.22	50.77	48.91	49.97	1.91	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:00:35	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49996.37	49020.76	49605.15	49540.76	0.99	ppb
Antimony	121-1	477.34	491.37	488.63	485.78	1.53	ppb
Arsenic	75-2	482.95	459.52	466.42	469.63	2.56	ppb
Barium	135-1	2463.02	2508.25	2550.12	2507.13	1.74	ppb
Barium	137-1	2466.28	2437.56	2536.97	2480.27	2.06	ppb
Beryllium	9-1	464.31	451.04	479.06	464.80	3.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				90		%
Boron	10-1	533.90	550.84	601.42	562.06	6.25	ppb
Boron	11-1	557.78	575.73	628.30	587.27	6.24	ppb
Bromine	81-1						cps
Cadmium	111-1	479.51	475.38	479.95	478.28	0.53	ppb
Cadmium	106-1	471.53	503.23	479.54	484.77	3.40	ppb
Cadmium	108-1	465.40	483.31	479.69	476.13	1.99	ppb
Calcium	43-1	246646.54	253020.37	248011.25	249226.05	1.35	ppb
Calcium	44-1	252419.46	251755.97	250099.62	251425.01	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	455.89	452.99	449.03	452.64	0.76	ppb
Cobalt	59-2	530.47	521.74	520.42	524.21	1.04	ppb
Copper	63-2	4996.40	4940.33	5039.88	4992.20	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	125042.31	120660.19	120284.12	121995.54	2.17	ppb
Iron	56-2	120234.18	117608.85	116713.84	118185.62	1.55	ppb
Iron	57-2	123613.60	123053.70	120034.48	122233.92	1.58	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:00:35	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2513.61	2542.25	2458.21	2504.69	1.71	ppb
Lead	207-1	2478.42	2512.28	2461.82	2484.17	1.04	ppb
Lead	208-1	2467.87	2482.75	2467.56	2472.73	0.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	239995.64	230744.26	243420.49	238053.46	2.75	ppb
Manganese	55-2	4882.33	4755.44	4744.20	4793.99	1.60	ppb
Molybdenum	94-1	5449.84	5450.50	5503.94	5468.09	0.57	ppb
Molybdenum	95-1	5456.99	5396.70	5254.70	5369.47	1.93	ppb
Molybdenum	96-1	5351.71	5358.74	5249.95	5320.13	1.14	ppb
Molybdenum	97-1	5308.20	5442.61	5227.83	5326.21	2.04	ppb
Molybdenum	98-1	5326.53	5403.10	5260.30	5329.98	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.46	484.98	481.24	485.23	0.85	ppb
Phosphorus	31-2	9431.39	9480.47	9482.35	9464.74	0.31	ppb
Potassium	39-2	119622.45	118147.33	117867.64	118545.81	0.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	470.24	471.35	468.33	469.97	0.32	ppb
Selenium	77-2	454.66	428.20	426.14	436.33	3.65	ppb
Selenium	78-2	482.08	449.89	476.80	469.59	3.68	ppb
Silicon	28-1	632.80	637.52	629.50	633.27	0.64	ppb
Silver	107-1	477.40	483.03	476.02	478.82	0.78	ppb
Silver	109-1	487.49	483.27	512.01	494.26	3.14	ppb
Sodium	23-2	233996.27	231219.92	241972.45	235729.55	2.37	ppb
Strontium	86-1	4894.53	4890.42	4893.04	4892.66	0.04	ppb
Strontium	88-1	4908.63	4906.23	4914.45	4909.77	0.09	ppb
Sulfur	34-1	8939.85	9113.21	8986.33	9013.13	1.00	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	498.21	513.77	502.25	504.74	1.60	ppb
Thallium	205-1	489.97	508.95	504.04	500.99	1.97	ppb
Tin	118-1	489.84	517.10	500.15	502.36	2.74	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:00:35	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5368.84	5561.84	5518.04	5482.91	1.85	ppb
Uranium	238-1	509.05	527.19	515.09	517.11	1.79	ppb
Vanadium	51-2	465.65	457.03	466.46	463.05	1.13	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	4619.91	4487.22	4549.35	4552.16	1.46	ppb
Zirconium	90-1	499.69	506.32	501.74	502.59	0.68	ppb
Zirconium	91-1	473.43	483.60	477.70	478.24	1.07	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:05:21	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.12	2.12	1.83	2.02	8.28	ppb
Antimony	121-1	0.09	0.08	0.11	0.09	19.52	ppb
Arsenic	75-2	0.01	0.00	-0.04	-0.01		ppb
Barium	135-1	0.13	0.07	0.06	0.09	38.68	ppb
Barium	137-1	0.07	0.07	0.05	0.06	24.42	ppb
Beryllium	9-1	0.03	0.01	0.03	0.02	51.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	34.96	35.38	32.67	34.34	4.26	ppb
Boron	11-1	36.27	35.47	34.10	35.28	3.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.01	0.01	0.00	239.18	ppb
Cadmium	106-1	-1.43	-2.71	-2.16	-2.10		ppb
Cadmium	108-1	0.02	-0.09	-0.31	-0.13		ppb
Calcium	43-1	9.41	6.73	5.05	7.07	31.12	ppb
Calcium	44-1	9.61	8.24	9.16	9.00	7.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.08	-0.04	-0.03		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	44.48	ppb
Copper	63-2	0.22	0.17	0.18	0.19	15.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	5.21	1.81	3.43	3.48	48.81	ppb
Iron	56-2	3.83	3.05	3.81	3.56	12.55	ppb
Iron	57-2	2.80	2.79	3.91	3.17	20.21	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:05:21	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.17	0.10	0.16	35.80	ppb
Lead	207-1	0.18	0.16	0.13	0.16	14.91	ppb
Lead	208-1	0.19	0.15	0.14	0.16	16.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	7.05	5.76	6.27	6.36	10.18	ppb
Manganese	55-2	0.06	0.08	0.11	0.08	31.57	ppb
Molybdenum	94-1	0.52	0.53	0.36	0.47	19.74	ppb
Molybdenum	95-1	0.64	0.50	0.35	0.50	28.42	ppb
Molybdenum	96-1	0.46	0.39	0.43	0.42	8.70	ppb
Molybdenum	97-1	0.63	0.40	0.45	0.49	24.44	ppb
Molybdenum	98-1	0.57	0.42	0.41	0.47	19.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.04	-0.05		ppb
Phosphorus	31-2	-20.08	-8.27	-1.39	-9.91		ppb
Potassium	39-2	11.82	10.71	14.06	12.20	13.95	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	-0.01	0.23	-0.80	-0.19		ppb
Selenium	77-2	-0.94	-0.94	-0.94	-0.94		ppb
Selenium	78-2	-0.47	-0.80	0.23	-0.35		ppb
Silicon	28-1	-0.66	-0.47	-0.50	-0.54		ppb
Silver	107-1	0.05	0.06	0.04	0.05	23.09	ppb
Silver	109-1	0.06	0.06	0.05	0.06	8.45	ppb
Sodium	23-2	26.79	25.52	26.97	26.43	3.00	ppb
Strontium	86-1	0.32	0.21	0.33	0.29	22.99	ppb
Strontium	88-1	0.17	0.18	0.13	0.16	15.78	ppb
Sulfur	34-1	-1171.64	-1045.63	-775.89	-997.72		ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	68.92	ppb
Tin	118-1	0.00	0.01	0.03	0.01	143.19	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:05:21	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.19	0.20	0.24	0.21	12.87	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	29.59	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	52.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.19	0.04	0.23	0.15	63.71	ppb
Zirconium	90-1	0.04	0.02	0.02	0.03	37.52	ppb
Zirconium	91-1	-0.01	-0.02	0.01	-0.01		ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BL	Instrumnet Name :	P8
Client Sample ID :	PBS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:08:48	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	0.79	0.70	0.71	10.91	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.11	ppb
Arsenic	75-2	-0.02	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.02	0.01	-0.01	0.01	169.91	ppb
Barium	137-1	0.00	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.01	0.04	0.00	0.02	101.69	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	17.76	16.82	17.58	17.39	2.88	ppb
Boron	11-1	19.62	18.40	18.47	18.83	3.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.01	-0.02	-0.02		ppb
Cadmium	106-1	-0.72	-2.63	-1.87	-1.74		ppb
Cadmium	108-1	-0.20	-0.26	-0.31	-0.26		ppb
Calcium	43-1	0.35	1.39	-0.48	0.42	223.52	ppb
Calcium	44-1	4.33	3.48	0.76	2.86	65.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.23	-0.19	-0.21	-0.21		ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.08	0.06	0.05	0.06	20.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	2.43	0.38	0.31	1.04	115.55	ppb
Iron	56-2	1.30	1.26	1.19	1.25	4.24	ppb
Iron	57-2	0.60	1.13	0.49	0.74	46.26	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BL	Instrumnet Name :	P8
Client Sample ID :	PBS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:08:48	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.09	0.09	0.10	26.06	ppb
Lead	207-1	0.13	0.09	0.06	0.09	36.96	ppb
Lead	208-1	0.12	0.08	0.08	0.09	21.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.13	1.67	2.07	1.96	12.80	ppb
Manganese	55-2	-0.01	0.01	0.02	0.00	328.48	ppb
Molybdenum	94-1	0.22	0.17	0.19	0.19	13.73	ppb
Molybdenum	95-1	0.13	0.15	0.14	0.14	6.21	ppb
Molybdenum	96-1	0.21	0.16	0.13	0.17	25.98	ppb
Molybdenum	97-1	0.15	0.15	0.09	0.13	30.16	ppb
Molybdenum	98-1	0.23	0.15	0.16	0.18	23.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.01	-0.03	-0.03		ppb
Phosphorus	31-2	-15.46	4.70	-51.72	-20.83		ppb
Potassium	39-2	-2.56	-5.50	-3.05	-3.71		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.65	0.27	0.47	0.46	41.46	ppb
Selenium	77-2	-0.94	0.00	-0.94	-0.62		ppb
Selenium	78-2	0.60	-1.11	0.68	0.05	1862.26	ppb
Silicon	28-1	-1.52	-1.09	-1.49	-1.37		ppb
Silver	107-1	0.02	0.03	0.01	0.02	40.99	ppb
Silver	109-1	0.03	0.03	0.02	0.03	19.26	ppb
Sodium	23-2	12.74	12.17	12.64	12.52	2.42	ppb
Strontium	86-1	0.13	0.28	0.02	0.14	90.69	ppb
Strontium	88-1	0.08	0.04	0.04	0.05	42.84	ppb
Sulfur	34-1	-1363.02	-1198.91	-1557.09	-1373.00		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	-0.04	-0.01		ppb
Thallium	205-1	0.01	-0.02	-0.02	-0.01		ppb
Tin	118-1	0.02	0.05	0.06	0.04	54.32	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BL	Instrumnet Name :	P8
Client Sample ID :	PBS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:08:48	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	0.02	0.00	-0.01		ppb
Uranium	238-1	0.01	0.01	0.00	0.00	127.31	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	59.67	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	0.10	-0.11	0.09	0.03	427.56	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	85.71	ppb
Zirconium	91-1	-0.02	0.00	-0.02	-0.01		ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BS	Instrumnet Name :	P8
Client Sample ID :	LCS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:11:51	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.70	35.50	34.31	35.17	2.14	ppb
Antimony	121-1	3.66	3.69	4.57	3.97	12.95	ppb
Arsenic	75-2	2.12	2.17	1.81	2.03	9.71	ppb
Barium	135-1	17.12	17.70	22.07	18.97	14.28	ppb
Barium	137-1	17.94	17.95	22.50	19.46	13.51	ppb
Beryllium	9-1	1.90	1.86	2.30	2.02	12.06	ppb
Bismuth	209-1				97		%
Bismuth	209-2				88		%
Boron	10-1	30.04	30.80	40.86	33.90	17.82	ppb
Boron	11-1	30.99	32.96	42.24	35.40	16.98	ppb
Bromine	81-1						cps
Cadmium	111-1	1.86	1.93	2.41	2.07	14.46	ppb
Cadmium	106-1	3.00	0.95	0.61	1.52	85.18	ppb
Cadmium	108-1	1.69	2.54	1.65	1.96	25.49	ppb
Calcium	43-1	832.00	848.60	1094.75	925.12	15.91	ppb
Calcium	44-1	848.81	870.91	1122.60	947.44	16.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.27	3.23	3.29	3.27	0.91	ppb
Cobalt	59-2	1.89	1.94	1.76	1.86	4.92	ppb
Copper	63-2	4.05	3.86	3.82	3.91	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				96		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	415.52	424.72	401.06	413.77	2.88	ppb
Iron	56-2	418.13	402.09	403.20	407.81	2.20	ppb
Iron	57-2	407.07	399.78	402.61	403.15	0.91	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BS	Instrumnet Name :	P8
Client Sample ID :	LCS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:11:51	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.88	1.84	2.16	1.96	9.07	ppb
Lead	207-1	1.86	1.77	2.36	2.00	15.99	ppb
Lead	208-1	1.86	1.82	2.24	1.97	11.82	ppb
Lithium	6-1				98		%
Magnesium	24-2	931.59	904.39	888.51	908.17	2.40	ppb
Manganese	55-2	2.07	1.86	1.89	1.94	5.73	ppb
Molybdenum	94-1	11.10	11.30	14.02	12.14	13.43	ppb
Molybdenum	95-1	8.93	9.52	11.79	10.08	14.99	ppb
Molybdenum	96-1	9.26	9.79	11.24	10.10	10.16	ppb
Molybdenum	97-1	9.18	9.35	11.13	9.89	10.89	ppb
Molybdenum	98-1	9.17	8.99	11.34	9.83	13.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.88	1.95	1.89	2.75	ppb
Phosphorus	31-2	24.17	31.01	26.05	27.07	13.04	ppb
Potassium	39-2	877.84	859.23	856.17	864.41	1.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	9.22	11.50	11.90	10.87	13.28	ppb
Selenium	77-2	12.84	4.98	7.08	8.30	49.01	ppb
Selenium	78-2	13.02	9.52	11.44	11.33	15.49	ppb
Silicon	28-1	-0.22	0.42	4.29	1.50	163.05	ppb
Silver	107-1	1.83	1.82	2.20	1.95	11.13	ppb
Silver	109-1	1.93	1.91	2.32	2.05	11.41	ppb
Sodium	23-2	909.76	850.82	843.54	868.04	4.18	ppb
Strontium	86-1	1.93	1.94	2.51	2.13	15.49	ppb
Strontium	88-1	1.99	1.97	2.32	2.09	9.54	ppb
Sulfur	34-1	-1393.70	-872.61	2107.32	-53.00		ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	1.69	1.67	2.20	1.85	16.05	ppb
Thallium	205-1	1.62	1.71	2.12	1.82	14.69	ppb
Tin	118-1	9.30	9.36	11.59	10.08	12.94	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BS	Instrumnet Name :	P8
Client Sample ID :	LCS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:11:51	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.10	10.41	11.97	10.49	13.68	ppb
Uranium	238-1	1.65	1.71	1.98	1.78	9.62	ppb
Vanadium	51-2	9.44	8.99	9.00	9.14	2.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	9.43	8.33	9.16	8.97	6.37	ppb
Zirconium	90-1	1.74	1.79	2.31	1.95	16.39	ppb
Zirconium	91-1	1.62	1.85	2.01	1.83	10.72	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-01	Instrumnet Name :	P8
Client Sample ID :	MH1KF5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:14:57	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10805.96	10768.02	10452.60	10675.53	1.82	ppb
Antimony	121-1	7.04	7.42	8.02	7.49	6.59	ppb
Arsenic	75-2	9.68	9.07	9.54	9.43	3.40	ppb
Barium	135-1	291.62	326.44	338.80	318.95	7.67	ppb
Barium	137-1	295.20	336.58	352.15	327.97	8.97	ppb
Beryllium	9-1	0.64	0.76	0.78	0.73	10.51	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Boron	10-1	42.55	50.19	49.61	47.45	8.96	ppb
Boron	11-1	45.15	52.23	53.18	50.19	8.74	ppb
Bromine	81-1						cps
Cadmium	111-1	4.75	5.25	5.71	5.24	9.20	ppb
Cadmium	106-1	8.74	6.67	6.30	7.24	18.21	ppb
Cadmium	108-1	5.88	6.72	7.73	6.78	13.67	ppb
Calcium	43-1	138957.95	165680.20	165584.04	156740.73	9.83	ppb
Calcium	44-1	140803.13	164149.64	164732.19	156561.65	8.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.56	56.02	55.57	55.72	0.47	ppb
Cobalt	59-2	12.80	12.44	12.22	12.49	2.33	ppb
Copper	63-2	283.93	284.16	277.80	281.96	1.28	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				104		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	41328.78	41078.52	39847.31	40751.54	1.95	ppb
Iron	56-2	40324.49	41013.10	39863.87	40400.49	1.43	ppb
Iron	57-2	42126.89	41636.80	40589.17	41450.95	1.90	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-01	Instrumnet Name :	P8
Client Sample ID :	MH1KF5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:14:57	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	310.19	348.65	346.94	335.26	6.48	ppb
Lead	207-1	304.41	344.51	332.21	327.04	6.28	ppb
Lead	208-1	313.51	360.48	351.04	341.68	7.27	ppb
Lithium	6-1				106		%
Magnesium	24-2	9489.54	9673.90	9666.21	9609.89	1.09	ppb
Manganese	55-2	668.69	656.96	648.86	658.17	1.52	ppb
Molybdenum	94-1	7.24	7.93	8.18	7.79	6.25	ppb
Molybdenum	95-1	4.32	4.97	5.08	4.79	8.56	ppb
Molybdenum	96-1	4.84	5.72	6.03	5.53	11.21	ppb
Molybdenum	97-1	4.32	4.95	5.20	4.82	9.42	ppb
Molybdenum	98-1	4.43	4.89	4.88	4.73	5.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.40	44.80	44.36	45.18	2.37	ppb
Phosphorus	31-2	3050.56	2543.33	2813.33	2802.40	9.06	ppb
Potassium	39-2	5047.18	5015.07	4856.41	4972.88	2.05	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	2.52	4.21	2.10	2.95	37.96	ppb
Selenium	77-2	19.36	10.23	12.18	13.92	34.55	ppb
Selenium	78-2	2.76	2.44	3.10	2.77	11.88	ppb
Silicon	28-1	57.68	73.50	72.62	67.93	13.09	ppb
Silver	107-1	1.08	1.24	1.20	1.17	7.02	ppb
Silver	109-1	1.18	1.29	1.28	1.25	4.83	ppb
Sodium	23-2	6953.17	7056.96	6989.63	6999.92	0.75	ppb
Strontium	86-1	245.88	284.49	285.30	271.89	8.29	ppb
Strontium	88-1	248.96	295.42	287.71	277.36	8.98	ppb
Sulfur	34-1	6193.16	8416.83	8841.69	7817.23	18.20	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.19	0.22	0.18	22.36	ppb
Thallium	205-1	0.21	0.24	0.23	0.23	5.99	ppb
Tin	118-1	31.50	35.10	35.65	34.08	6.62	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-01	Instrumnet Name :	P8
Client Sample ID :	MH1KF5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:14:57	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	299.02	363.49	350.73	337.75	10.11	ppb
Uranium	238-1	1.63	1.94	1.75	1.77	8.82	ppb
Vanadium	51-2	35.47	35.11	34.52	35.03	1.37	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	2395.48	2373.42	2317.59	2362.16	1.70	ppb
Zirconium	90-1	1.77	1.98	1.97	1.91	6.09	ppb
Zirconium	91-1	1.72	2.72	2.45	2.29	22.49	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-02	Instrumnet Name :	P8
Client Sample ID :	MH1KF6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:17:51	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9057.75	8810.75	8638.98	8835.83	2.38	ppb
Antimony	121-1	11.65	13.19	12.29	12.38	6.22	ppb
Arsenic	75-2	8.03	8.18	7.49	7.90	4.55	ppb
Barium	135-1	268.30	301.64	275.73	281.89	6.21	ppb
Barium	137-1	268.11	311.14	288.99	289.42	7.43	ppb
Beryllium	9-1	0.48	0.57	0.46	0.50	11.57	ppb
Bismuth	209-1				113		%
Bismuth	209-2				99		%
Boron	10-1	43.46	52.15	51.14	48.92	9.72	ppb
Boron	11-1	45.24	57.13	52.64	51.67	11.62	ppb
Bromine	81-1						cps
Cadmium	111-1	6.30	6.86	6.41	6.53	4.58	ppb
Cadmium	106-1	9.57	12.18	7.54	9.76	23.82	ppb
Cadmium	108-1	8.76	11.28	10.02	10.02	12.58	ppb
Calcium	43-1	178121.66	195818.61	184754.01	186231.43	4.80	ppb
Calcium	44-1	182205.41	202892.99	191096.71	192065.03	5.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.32	51.41	50.52	51.42	1.75	ppb
Cobalt	59-2	19.48	19.37	19.01	19.29	1.28	ppb
Copper	63-2	235.57	230.88	226.36	230.94	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	54-2	24139.47	23776.61	23239.63	23718.57	1.91	ppb
Iron	56-2	22770.59	22577.89	22648.46	22665.65	0.43	ppb
Iron	57-2	22069.63	21699.47	21478.00	21749.03	1.37	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-02	Instrumnet Name :	P8
Client Sample ID :	MH1KF6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:17:51	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	263.75	290.29	270.85	274.96	5.00	ppb
Lead	207-1	261.40	286.52	271.62	273.18	4.62	ppb
Lead	208-1	267.66	299.97	278.12	281.92	5.85	ppb
Lithium	6-1				110		%
Magnesium	24-2	9986.63	9547.78	9520.73	9685.05	2.70	ppb
Manganese	55-2	456.04	441.65	439.20	445.63	2.04	ppb
Molybdenum	94-1	19.93	19.52	21.48	20.31	5.11	ppb
Molybdenum	95-1	4.42	4.09	3.51	4.01	11.52	ppb
Molybdenum	96-1	6.19	5.95	5.29	5.81	7.95	ppb
Molybdenum	97-1	4.50	4.32	3.71	4.17	9.92	ppb
Molybdenum	98-1	4.46	4.18	3.53	4.06	11.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.91	38.38	38.02	38.77	2.58	ppb
Phosphorus	31-2	2962.28	2911.51	2694.28	2856.02	4.98	ppb
Potassium	39-2	5616.40	5440.65	5273.81	5443.62	3.15	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				112		%
Scandium	45-2				100		%
Selenium	82-1	1.03	2.60	1.38	1.67	49.24	ppb
Selenium	77-2	8.58	4.62	6.48	6.56	30.20	ppb
Selenium	78-2	4.35	3.44	3.20	3.66	16.54	ppb
Silicon	28-1	38.82	43.70	42.75	41.76	6.19	ppb
Silver	107-1	6.64	7.93	7.26	7.28	8.89	ppb
Silver	109-1	6.84	7.93	7.37	7.38	7.43	ppb
Sodium	23-2	7538.19	7347.88	7275.71	7387.26	1.84	ppb
Strontium	86-1	237.44	273.68	253.82	254.98	7.12	ppb
Strontium	88-1	253.67	287.17	264.10	268.31	6.39	ppb
Sulfur	34-1	8089.07	9380.85	8855.59	8775.17	7.40	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.17	0.23	0.15	0.18	23.59	ppb
Thallium	205-1	0.17	0.17	0.18	0.17	2.67	ppb
Tin	118-1	44.04	50.71	47.43	47.39	7.04	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-02	Instrumnet Name :	P8
Client Sample ID :	MH1KF6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:17:51	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	276.74	274.82	255.92	269.16	4.27	ppb
Uranium	238-1	1.48	1.61	1.53	1.54	3.96	ppb
Vanadium	51-2	24.85	24.35	23.18	24.13	3.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				100		%
Zinc	66-2	1774.94	1732.42	1711.43	1739.60	1.86	ppb
Zirconium	90-1	6.82	10.03	8.74	8.53	18.91	ppb
Zirconium	91-1	9.82	8.68	11.89	10.13	16.04	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-03	Instrumnet Name :	P8
Client Sample ID :	MH1KF7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:20:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8189.14	8108.88	8016.12	8104.71	1.07	ppb
Antimony	121-1	16.24	16.85	17.38	16.82	3.37	ppb
Arsenic	75-2	7.20	7.50	7.17	7.29	2.54	ppb
Barium	135-1	339.55	334.98	349.32	341.29	2.15	ppb
Barium	137-1	340.60	340.14	350.09	343.61	1.64	ppb
Beryllium	9-1	0.51	0.45	0.49	0.48	6.25	ppb
Bismuth	209-1				109		%
Bismuth	209-2				92		%
Boron	10-1	44.58	48.07	49.14	47.26	5.04	ppb
Boron	11-1	47.42	49.33	52.34	49.70	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	8.04	7.86	8.50	8.13	4.06	ppb
Cadmium	106-1	8.75	8.96	10.81	9.51	11.93	ppb
Cadmium	108-1	8.47	8.54	8.16	8.39	2.44	ppb
Calcium	43-1	273145.27	279407.99	274938.84	275830.70	1.17	ppb
Calcium	44-1	279931.88	283107.91	282356.52	281798.77	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83.63	82.32	80.63	82.19	1.83	ppb
Cobalt	59-2	6.04	6.29	5.96	6.10	2.87	ppb
Copper	63-2	420.93	414.32	407.03	414.09	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	54-2	15933.58	15606.98	15626.38	15722.31	1.17	ppb
Iron	56-2	16515.99	16405.67	16542.38	16488.01	0.44	ppb
Iron	57-2	15955.64	15674.18	15731.94	15787.25	0.94	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-03	Instrumnet Name :	P8
Client Sample ID :	MH1KF7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:20:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	308.63	316.90	321.66	315.73	2.09	ppb
Lead	207-1	299.58	311.29	309.56	306.81	2.06	ppb
Lead	208-1	320.51	321.82	327.01	323.12	1.06	ppb
Lithium	6-1				108		%
Magnesium	24-2	7800.51	7799.90	7701.41	7767.27	0.73	ppb
Manganese	55-2	501.90	494.95	481.88	492.91	2.06	ppb
Molybdenum	94-1	8.46	8.64	8.62	8.57	1.14	ppb
Molybdenum	95-1	3.10	3.21	3.41	3.24	4.78	ppb
Molybdenum	96-1	3.89	4.08	4.01	3.99	2.39	ppb
Molybdenum	97-1	3.31	3.38	3.12	3.27	4.14	ppb
Molybdenum	98-1	3.17	3.07	3.23	3.16	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.34	51.50	49.64	50.49	1.85	ppb
Phosphorus	31-2	2781.80	2398.37	2616.57	2598.92	7.40	ppb
Potassium	39-2	5355.05	5482.94	5453.00	5430.33	1.23	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				112		%
Scandium	45-2				103		%
Selenium	82-1	2.86	1.83	1.55	2.08	33.28	ppb
Selenium	77-2	10.14	13.04	2.72	8.63	61.66	ppb
Selenium	78-2	3.41	5.06	5.42	4.63	23.20	ppb
Silicon	28-1	38.63	35.79	37.70	37.37	3.87	ppb
Silver	107-1	3.94	4.08	4.06	4.03	1.81	ppb
Silver	109-1	4.16	4.20	4.12	4.16	0.95	ppb
Sodium	23-2	27867.75	27516.17	26863.15	27415.69	1.86	ppb
Strontium	86-1	604.19	592.12	606.91	601.07	1.31	ppb
Strontium	88-1	616.16	617.97	628.15	620.76	1.04	ppb
Sulfur	34-1	21468.59	20820.90	21518.02	21269.17	1.83	ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.11	0.14	0.10	0.12	20.87	ppb
Thallium	205-1	0.10	0.15	0.18	0.14	26.82	ppb
Tin	118-1	32.06	32.88	32.45	32.46	1.25	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-03	Instrumnet Name :	P8
Client Sample ID :	MH1KF7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:20:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	346.23	344.98	343.00	344.74	0.47	ppb
Uranium	238-1	1.66	1.71	1.64	1.67	2.08	ppb
Vanadium	51-2	28.33	28.22	27.75	28.10	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	1437.99	1449.60	1432.40	1440.00	0.61	ppb
Zirconium	90-1	3.08	3.42	3.07	3.19	6.30	ppb
Zirconium	91-1	3.02	3.15	3.02	3.06	2.34	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-04	Instrumnet Name :	P8
Client Sample ID :	MH1KF8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:23:46	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5908.49	5851.90	5851.57	5870.65	0.56	ppb
Antimony	121-1	3.45	3.21	3.30	3.32	3.69	ppb
Arsenic	75-2	9.95	10.13	10.36	10.14	2.04	ppb
Barium	135-1	279.11	261.68	269.78	270.19	3.23	ppb
Barium	137-1	286.48	270.66	274.98	277.38	2.95	ppb
Beryllium	9-1	0.65	0.62	0.60	0.62	4.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	194.97	209.06	212.80	205.61	4.57	ppb
Boron	11-1	208.66	218.29	229.25	218.74	4.71	ppb
Bromine	81-1						cps
Cadmium	111-1	1.97	1.69	2.00	1.89	9.02	ppb
Cadmium	106-1	1.83	3.62	2.56	2.67	33.82	ppb
Cadmium	108-1	3.17	3.62	2.02	2.94	28.11	ppb
Calcium	43-1	101723.85	102874.82	99377.19	101325.29	1.76	ppb
Calcium	44-1	101305.94	102464.89	100448.36	101406.40	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.48	34.50	34.51	34.83	1.61	ppb
Cobalt	59-2	7.51	7.13	7.18	7.28	2.86	ppb
Copper	63-2	78.22	78.06	75.97	77.42	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	16279.04	15769.04	16141.54	16063.21	1.64	ppb
Iron	56-2	16889.11	16526.33	17050.81	16822.08	1.60	ppb
Iron	57-2	15981.84	15746.91	15770.76	15833.17	0.82	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-04	Instrumnet Name :	P8
Client Sample ID :	MH1KF8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:23:46	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	93.46	90.35	95.25	93.02	2.67	ppb
Lead	207-1	94.40	87.68	92.46	91.51	3.78	ppb
Lead	208-1	92.36	88.76	92.14	91.09	2.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	37434.08	36082.75	35724.61	36413.81	2.48	ppb
Manganese	55-2	606.63	589.28	595.02	596.97	1.48	ppb
Molybdenum	94-1	11.04	10.81	10.27	10.71	3.70	ppb
Molybdenum	95-1	2.87	3.08	2.96	2.97	3.60	ppb
Molybdenum	96-1	3.66	3.70	3.68	3.68	0.59	ppb
Molybdenum	97-1	2.76	2.77	2.60	2.71	3.44	ppb
Molybdenum	98-1	2.94	2.92	2.80	2.89	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.74	26.40	26.35	26.50	0.81	ppb
Phosphorus	31-2	6340.28	6173.45	6057.10	6190.28	2.30	ppb
Potassium	39-2	11446.71	11679.75	11238.91	11455.12	1.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	1.01	2.34	2.35	1.90	40.64	ppb
Selenium	77-2	15.81	8.81	6.96	10.53	44.34	ppb
Selenium	78-2	1.22	3.40	3.61	2.74	48.30	ppb
Silicon	28-1	31.76	33.68	32.51	32.65	2.96	ppb
Silver	107-1	0.67	0.73	0.63	0.68	7.27	ppb
Silver	109-1	0.68	0.66	0.62	0.65	4.58	ppb
Sodium	23-2	70931.82	67709.12	69351.56	69330.83	2.32	ppb
Strontium	86-1	162.30	156.02	153.52	157.28	2.88	ppb
Strontium	88-1	169.38	161.14	161.86	164.13	2.78	ppb
Sulfur	34-1	6688.35	6906.15	6063.30	6552.60	6.68	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.15	0.20	0.17	16.29	ppb
Thallium	205-1	0.20	0.18	0.20	0.19	7.47	ppb
Tin	118-1	8.20	8.02	7.91	8.04	1.83	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-04	Instrumnet Name :	P8
Client Sample ID :	MH1KF8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:23:46	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	174.31	180.57	171.86	175.58	2.56	ppb
Uranium	238-1	1.25	1.25	1.36	1.29	4.72	ppb
Vanadium	51-2	38.64	36.80	36.72	37.39	2.90	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	653.83	626.92	640.06	640.27	2.10	ppb
Zirconium	90-1	4.72	4.44	4.27	4.47	5.05	ppb
Zirconium	91-1	4.42	4.14	4.15	4.24	3.78	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05	Instrumnet Name :	P8
Client Sample ID :	MH1KF9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:26:45	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4846.73	4647.66	4567.23	4687.21	3.07	ppb
Antimony	121-1	2.42	2.60	2.59	2.54	3.95	ppb
Arsenic	75-2	8.19	8.30	8.26	8.25	0.69	ppb
Barium	135-1	228.76	232.12	235.37	232.08	1.42	ppb
Barium	137-1	234.09	235.00	235.06	234.71	0.23	ppb
Beryllium	9-1	0.50	0.48	0.52	0.50	4.63	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	289.42	304.97	308.92	301.10	3.42	ppb
Boron	11-1	305.03	327.25	333.18	321.82	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	1.60	1.37	1.51	1.50	7.94	ppb
Cadmium	106-1	6.04	2.12	1.20	3.12	82.44	ppb
Cadmium	108-1	2.06	2.76	1.94	2.25	19.80	ppb
Calcium	43-1	98533.32	100940.68	98780.17	99418.06	1.33	ppb
Calcium	44-1	100041.07	100723.06	99492.02	100085.39	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.84	30.18	30.07	30.70	3.24	ppb
Cobalt	59-2	5.51	5.32	5.41	5.41	1.81	ppb
Copper	63-2	71.31	67.79	69.28	69.46	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				104		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	13598.05	13173.20	12966.50	13245.92	2.43	ppb
Iron	56-2	14337.04	13719.35	13989.12	14015.17	2.21	ppb
Iron	57-2	13732.37	12834.42	12911.39	13159.39	3.78	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05	Instrumnet Name :	P8
Client Sample ID :	MH1KF9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:26:45	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	68.23	69.98	68.72	68.98	1.31	ppb
Lead	207-1	67.19	66.94	65.64	66.59	1.25	ppb
Lead	208-1	66.36	67.01	66.41	66.59	0.55	ppb
Lithium	6-1				107		%
Magnesium	24-2	42522.33	38279.92	37804.65	39535.63	6.57	ppb
Manganese	55-2	537.87	526.11	515.92	526.63	2.09	ppb
Molybdenum	94-1	14.06	10.34	10.71	11.70	17.49	ppb
Molybdenum	95-1	2.35	2.29	2.42	2.35	2.83	ppb
Molybdenum	96-1	3.30	3.21	3.27	3.26	1.49	ppb
Molybdenum	97-1	2.38	2.21	2.26	2.28	3.91	ppb
Molybdenum	98-1	2.16	2.37	2.32	2.28	4.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.17	27.78	27.56	27.84	1.10	ppb
Phosphorus	31-2	5307.40	5333.45	5182.83	5274.56	1.53	ppb
Potassium	39-2	8917.91	8698.21	9344.74	8986.95	3.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	2.36	1.71	2.91	2.33	25.67	ppb
Selenium	77-2	4.51	8.18	10.04	7.58	37.11	ppb
Selenium	78-2	2.48	3.62	3.74	3.28	21.09	ppb
Silicon	28-1	33.74	33.59	34.27	33.87	1.06	ppb
Silver	107-1	0.72	0.86	0.83	0.81	9.03	ppb
Silver	109-1	0.72	0.80	0.69	0.74	7.22	ppb
Sodium	23-2	88848.50	87943.85	85587.80	87460.05	1.92	ppb
Strontium	86-1	135.54	133.22	134.73	134.50	0.88	ppb
Strontium	88-1	138.45	139.56	136.90	138.30	0.96	ppb
Sulfur	34-1	6702.97	7107.56	6777.34	6862.62	3.14	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.13	0.12	0.13	12.30	ppb
Thallium	205-1	0.13	0.14	0.14	0.14	3.28	ppb
Tin	118-1	15.70	15.87	16.05	15.87	1.11	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05	Instrumnet Name :	P8
Client Sample ID :	MH1KF9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:26:45	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	157.99	152.42	151.37	153.92	2.31	ppb
Uranium	238-1	0.96	1.03	1.01	1.00	3.62	ppb
Vanadium	51-2	28.68	27.53	27.74	27.99	2.19	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	728.76	700.47	702.41	710.55	2.22	ppb
Zirconium	90-1	4.45	4.59	4.29	4.44	3.37	ppb
Zirconium	91-1	6.32	4.38	4.29	5.00	22.95	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-06	Instrumnet Name :	P8
Client Sample ID :	MH1KF9D	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:29:42	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5518.74	5521.35	5146.81	5395.63	3.99	ppb
Antimony	121-1	2.55	2.71	2.81	2.69	4.73	ppb
Arsenic	75-2	8.92	8.97	7.94	8.61	6.71	ppb
Barium	135-1	245.19	259.62	265.09	256.63	4.00	ppb
Barium	137-1	262.84	260.23	272.67	265.25	2.47	ppb
Beryllium	9-1	0.54	0.55	0.54	0.54	1.08	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	329.35	335.13	362.06	342.18	5.10	ppb
Boron	11-1	338.42	348.63	387.30	358.12	7.20	ppb
Bromine	81-1						cps
Cadmium	111-1	1.77	1.72	1.79	1.76	2.10	ppb
Cadmium	106-1	1.56	3.61	2.92	2.70	38.81	ppb
Cadmium	108-1	1.77	2.88	1.98	2.21	26.56	ppb
Calcium	43-1	113316.43	109846.19	114658.98	112607.20	2.21	ppb
Calcium	44-1	110475.46	112225.49	117977.55	113559.50	3.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.74	35.56	32.44	34.25	4.71	ppb
Cobalt	59-2	6.05	6.45	5.84	6.11	5.09	ppb
Copper	63-2	78.31	80.90	74.85	78.02	3.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	15361.57	15516.20	14612.25	15163.34	3.19	ppb
Iron	56-2	15939.02	16895.66	15398.71	16077.80	4.71	ppb
Iron	57-2	15338.04	15471.20	14400.23	15069.82	3.87	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-06	Instrumnet Name :	P8
Client Sample ID :	MH1KF9D	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:29:42	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	79.05	76.15	81.12	78.78	3.17	ppb
Lead	207-1	74.02	71.68	78.95	74.88	4.96	ppb
Lead	208-1	74.46	72.59	79.08	75.38	4.43	ppb
Lithium	6-1				108		%
Magnesium	24-2	46669.53	46770.81	43444.14	45628.16	4.15	ppb
Manganese	55-2	587.98	594.64	561.86	581.49	2.98	ppb
Molybdenum	94-1	9.55	8.91	9.95	9.47	5.54	ppb
Molybdenum	95-1	2.41	2.49	2.60	2.50	3.67	ppb
Molybdenum	96-1	3.03	3.23	3.39	3.22	5.60	ppb
Molybdenum	97-1	2.41	2.41	2.42	2.41	0.18	ppb
Molybdenum	98-1	2.32	2.33	2.60	2.41	6.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.51	25.68	24.01	25.07	3.68	ppb
Phosphorus	31-2	6144.51	6138.52	5755.48	6012.83	3.71	ppb
Potassium	39-2	10800.02	11130.42	10106.88	10679.11	4.89	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.94	0.57	1.89	1.13	60.33	ppb
Selenium	77-2	9.08	10.83	5.87	8.59	29.26	ppb
Selenium	78-2	4.11	3.54	2.59	3.41	22.61	ppb
Silicon	28-1	32.38	31.45	33.87	32.57	3.76	ppb
Silver	107-1	0.67	0.65	0.76	0.69	8.09	ppb
Silver	109-1	0.73	0.74	0.74	0.74	0.67	ppb
Sodium	23-2	100351.42	100297.23	94499.38	98382.68	3.42	ppb
Strontium	86-1	138.93	145.85	152.06	145.61	4.51	ppb
Strontium	88-1	145.62	150.65	155.71	150.66	3.35	ppb
Sulfur	34-1	7000.33	6714.53	7334.68	7016.52	4.42	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.16	0.15	0.16	4.73	ppb
Thallium	205-1	0.13	0.11	0.17	0.14	23.01	ppb
Tin	118-1	16.62	16.94	18.09	17.22	4.48	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-06	Instrumnet Name :	P8
Client Sample ID :	MH1KF9D	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:29:42	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	154.18	153.71	161.48	156.46	2.78	ppb
Uranium	238-1	1.15	1.14	1.15	1.14	0.72	ppb
Vanadium	51-2	32.32	32.10	31.15	31.85	1.95	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	787.31	794.22	747.64	776.39	3.24	ppb
Zirconium	90-1	3.29	3.48	3.63	3.47	4.84	ppb
Zirconium	91-1	3.29	3.23	3.68	3.40	7.15	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05LX5	Instrumnet Name :	P8
Client Sample ID :	MH1KF9L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 16:32:41	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	963.56	949.30	930.65	947.83	1.74	ppb
Antimony	121-1	0.51	0.52	0.56	0.53	5.74	ppb
Arsenic	75-2	1.65	1.50	1.65	1.60	5.46	ppb
Barium	135-1	44.09	45.70	44.93	44.91	1.80	ppb
Barium	137-1	45.35	48.09	46.24	46.56	3.00	ppb
Beryllium	9-1	0.08	0.10	0.07	0.08	23.02	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	110.54	112.18	109.57	110.76	1.19	ppb
Boron	11-1	116.79	118.85	114.74	116.79	1.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.36	0.30	0.26	0.31	16.15	ppb
Cadmium	106-1	-1.38	-1.20	1.43	-0.39		ppb
Cadmium	108-1	0.43	0.29	0.80	0.50	52.42	ppb
Calcium	43-1	19255.81	19177.89	18420.54	18951.41	2.43	ppb
Calcium	44-1	20275.87	19924.47	19963.27	20054.54	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.12	6.01	5.97	6.03	1.22	ppb
Cobalt	59-2	1.14	1.04	1.12	1.10	4.71	ppb
Copper	63-2	15.01	14.85	14.10	14.65	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	2745.49	2660.84	2678.72	2695.01	1.66	ppb
Iron	56-2	2790.42	2875.37	2780.15	2815.31	1.86	ppb
Iron	57-2	2761.24	2651.60	2562.02	2658.29	3.75	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05LX5	Instrumnet Name :	P8
Client Sample ID :	MH1KF9L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 16:32:41	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	13.94	13.95	13.74	13.88	0.88	ppb
Lead	207-1	13.64	13.72	13.58	13.65	0.50	ppb
Lead	208-1	13.60	13.68	13.48	13.59	0.74	ppb
Lithium	6-1				101		%
Magnesium	24-2	8297.68	8005.11	7936.49	8079.76	2.37	ppb
Manganese	55-2	106.49	108.36	105.68	106.84	1.28	ppb
Molybdenum	94-1	2.07	2.03	2.14	2.08	2.55	ppb
Molybdenum	95-1	0.54	0.61	0.51	0.55	9.49	ppb
Molybdenum	96-1	0.71	0.64	0.72	0.69	6.80	ppb
Molybdenum	97-1	0.51	0.46	0.54	0.50	7.75	ppb
Molybdenum	98-1	0.57	0.49	0.50	0.52	8.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.49	5.44	5.60	5.51	1.53	ppb
Phosphorus	31-2	977.84	1070.79	900.85	983.16	8.66	ppb
Potassium	39-2	1790.42	1761.97	1702.00	1751.46	2.58	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	1.10	1.35	0.10	0.85	77.87	ppb
Selenium	77-2	1.00	0.04	0.04	0.36	153.51	ppb
Selenium	78-2	0.52	1.79	2.49	1.60	62.39	ppb
Silicon	28-1	7.73	7.89	7.46	7.69	2.84	ppb
Silver	107-1	0.16	0.21	0.17	0.18	15.34	ppb
Silver	109-1	0.19	0.21	0.15	0.18	14.18	ppb
Sodium	23-2	17980.34	16775.44	17547.17	17434.32	3.50	ppb
Strontium	86-1	27.25	26.89	28.37	27.50	2.80	ppb
Strontium	88-1	26.94	27.01	27.49	27.14	1.12	ppb
Sulfur	34-1	1566.95	1307.77	943.15	1272.62	24.62	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.03	0.02	0.02	22.22	ppb
Thallium	205-1	0.02	0.01	0.05	0.03	82.26	ppb
Tin	118-1	3.30	3.16	3.21	3.22	2.24	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05LX5	Instrumnet Name :	P8
Client Sample ID :	MH1KF9L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 16:32:41	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	31.50	31.71	28.53	30.58	5.81	ppb
Uranium	238-1	0.21	0.21	0.19	0.20	4.84	ppb
Vanadium	51-2	5.90	5.52	5.48	5.63	4.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	149.29	143.82	143.53	145.55	2.23	ppb
Zirconium	90-1	0.86	0.82	1.32	1.00	28.22	ppb
Zirconium	91-1	0.87	0.78	0.87	0.84	5.84	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-07	Instrumnet Name :	P8
Client Sample ID :	MH1KF9S	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:35:41	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6117.33	5973.88	5317.41	5802.87	7.35	ppb
Antimony	121-1	20.88	21.56	21.11	21.18	1.63	ppb
Arsenic	75-2	16.59	16.50	15.64	16.25	3.24	ppb
Barium	135-1	620.05	628.89	625.01	624.65	0.71	ppb
Barium	137-1	637.96	644.13	644.30	642.13	0.56	ppb
Beryllium	9-1	9.72	9.14	9.66	9.51	3.40	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	326.50	327.35	358.79	337.55	5.45	ppb
Boron	11-1	349.04	347.16	378.06	358.09	4.84	ppb
Bromine	81-1						cps
Cadmium	111-1	11.50	11.72	10.99	11.41	3.30	ppb
Cadmium	106-1	12.03	12.74	13.32	12.70	5.10	ppb
Cadmium	108-1	10.18	11.33	9.71	10.41	8.00	ppb
Calcium	43-1	110135.05	107016.70	110092.38	109081.38	1.64	ppb
Calcium	44-1	111711.91	110422.44	111350.87	111161.74	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73.87	73.03	63.89	70.26	7.88	ppb
Cobalt	59-2	100.29	98.21	86.29	94.93	7.96	ppb
Copper	63-2	134.44	128.90	112.87	125.40	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				105		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	16274.79	17377.81	14267.59	15973.40	9.87	ppb
Iron	56-2	17671.22	17124.05	14784.75	16526.68	9.28	ppb
Iron	57-2	16214.02	16062.85	14027.95	15434.94	7.91	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-07	Instrumnet Name :	P8
Client Sample ID :	MH1KF9S	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:35:41	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	83.71	81.22	83.52	82.82	1.67	ppb
Lead	207-1	81.01	80.08	82.84	81.31	1.72	ppb
Lead	208-1	81.68	80.20	82.36	81.41	1.36	ppb
Lithium	6-1				109		%
Magnesium	24-2	45735.23	45062.55	39070.54	43289.44	8.48	ppb
Manganese	55-2	711.70	711.23	623.84	682.26	7.42	ppb
Molybdenum	94-1	9.38	8.98	9.73	9.36	4.01	ppb
Molybdenum	95-1	2.67	2.47	2.57	2.57	3.79	ppb
Molybdenum	96-1	3.33	3.30	3.33	3.32	0.55	ppb
Molybdenum	97-1	2.66	2.49	2.75	2.63	5.00	ppb
Molybdenum	98-1	2.69	2.42	2.66	2.59	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.06	124.26	108.78	119.37	7.69	ppb
Phosphorus	31-2	6406.96	6757.92	5552.42	6239.10	9.94	ppb
Potassium	39-2	11528.06	11179.50	9846.37	10851.31	8.18	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	22.15	20.07	19.84	20.69	6.15	ppb
Selenium	77-2	12.69	16.11	23.92	17.57	32.75	ppb
Selenium	78-2	24.09	24.63	21.73	23.48	6.56	ppb
Silicon	28-1	32.45	33.46	32.21	32.71	2.02	ppb
Silver	107-1	7.05	7.14	7.41	7.20	2.59	ppb
Silver	109-1	7.20	7.43	7.38	7.33	1.66	ppb
Sodium	23-2	105334.15	106414.33	90982.12	100910.20	8.54	ppb
Strontium	86-1	155.26	149.47	152.85	152.52	1.91	ppb
Strontium	88-1	160.01	158.26	159.42	159.23	0.56	ppb
Sulfur	34-1	8011.64	7028.41	7654.07	7564.71	6.58	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	7.66	7.29	7.52	7.49	2.50	ppb
Thallium	205-1	7.54	7.60	7.96	7.70	2.97	ppb
Tin	118-1	17.70	17.86	18.13	17.90	1.22	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-07	Instrumnet Name :	P8
Client Sample ID :	MH1KF9S	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:35:41	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	155.88	159.71	157.06	157.55	1.24	ppb
Uranium	238-1	1.15	1.14	1.22	1.17	3.62	ppb
Vanadium	51-2	128.12	125.07	109.83	121.01	8.10	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	927.75	928.02	809.70	888.49	7.68	ppb
Zirconium	90-1	4.05	3.44	3.65	3.71	8.40	ppb
Zirconium	91-1	3.91	3.74	3.87	3.84	2.34	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-08	Instrumnet Name :	P8
Client Sample ID :	MH1KG0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:38:39	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4947.58	4967.62	4853.27	4922.82	1.24	ppb
Antimony	121-1	2.67	2.76	2.48	2.64	5.56	ppb
Arsenic	75-2	8.09	8.49	8.64	8.41	3.36	ppb
Barium	135-1	259.40	295.72	234.44	263.18	11.71	ppb
Barium	137-1	265.54	300.90	233.88	266.77	12.57	ppb
Beryllium	9-1	0.64	0.65	0.57	0.62	6.99	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	264.72	296.39	245.01	268.71	9.65	ppb
Boron	11-1	270.66	306.07	264.93	280.55	7.94	ppb
Bromine	81-1						cps
Cadmium	111-1	1.87	2.00	1.41	1.76	17.60	ppb
Cadmium	106-1	2.42	3.65	3.39	3.15	20.61	ppb
Cadmium	108-1	2.48	1.75	2.73	2.32	22.04	ppb
Calcium	43-1	109075.37	120004.98	94500.79	107860.38	11.86	ppb
Calcium	44-1	109392.03	122109.02	97923.03	109808.03	11.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.26	29.44	29.37	29.69	1.67	ppb
Cobalt	59-2	5.78	5.60	5.72	5.70	1.55	ppb
Copper	63-2	72.45	73.53	71.35	72.44	1.50	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				92		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	54-2	14058.33	14037.05	13663.42	13919.60	1.60	ppb
Iron	56-2	14609.84	14414.28	14114.17	14379.43	1.74	ppb
Iron	57-2	13806.27	13939.58	13605.96	13783.94	1.22	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-08	Instrumnet Name :	P8
Client Sample ID :	MH1KG0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:38:39	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	84.39	97.29	78.13	86.60	11.28	ppb
Lead	207-1	82.18	92.99	77.09	84.09	9.65	ppb
Lead	208-1	80.89	93.25	76.38	83.51	10.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	38540.77	37990.02	36896.76	37809.18	2.21	ppb
Manganese	55-2	535.51	532.71	509.02	525.75	2.77	ppb
Molybdenum	94-1	12.85	14.58	12.05	13.16	9.84	ppb
Molybdenum	95-1	3.02	3.44	2.86	3.11	9.74	ppb
Molybdenum	96-1	4.03	4.88	3.95	4.29	12.08	ppb
Molybdenum	97-1	3.21	3.32	2.76	3.10	9.63	ppb
Molybdenum	98-1	3.02	3.26	2.78	3.02	7.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.74	24.03	23.29	23.68	1.57	ppb
Phosphorus	31-2	6877.71	7234.24	6890.24	7000.73	2.89	ppb
Potassium	39-2	12807.28	12291.74	12179.81	12426.28	2.69	ppb
Rhodium	103-1				89		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	1.86	1.44	1.32	1.54	18.40	ppb
Selenium	77-2	7.27	6.35	5.29	6.30	15.67	ppb
Selenium	78-2	3.28	3.02	3.36	3.22	5.58	ppb
Silicon	28-1	53.15	58.11	43.76	51.67	14.11	ppb
Silver	107-1	0.82	0.88	0.65	0.78	15.42	ppb
Silver	109-1	0.77	0.75	0.69	0.74	5.91	ppb
Sodium	23-2	275579.54	277568.59	266707.38	273285.17	2.12	ppb
Strontium	86-1	160.29	180.27	144.09	161.55	11.22	ppb
Strontium	88-1	171.38	189.27	150.50	170.38	11.39	ppb
Sulfur	34-1	10359.92	12401.68	6882.55	9881.38	28.24	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.27	0.16	0.20	30.84	ppb
Thallium	205-1	0.14	0.16	0.12	0.14	11.05	ppb
Tin	118-1	11.52	12.81	9.99	11.44	12.38	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-08	Instrumnet Name :	P8
Client Sample ID :	MH1KG0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:38:39	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	200.01	229.62	175.56	201.73	13.42	ppb
Uranium	238-1	1.24	1.48	1.12	1.28	14.34	ppb
Vanadium	51-2	31.27	31.27	30.62	31.05	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				103		%
Zinc	66-2	634.40	638.82	622.16	631.79	1.37	ppb
Zirconium	90-1	5.81	6.28	4.93	5.67	12.02	ppb
Zirconium	91-1	5.55	6.32	5.01	5.63	11.70	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:41:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8433.90	8411.15	8112.30	8319.12	2.16	ppb
Antimony	121-1	7.79	8.13	7.96	7.96	2.14	ppb
Arsenic	75-2	11.02	10.45	9.68	10.38	6.49	ppb
Barium	135-1	212.30	210.86	215.63	212.93	1.15	ppb
Barium	137-1	216.37	216.46	216.51	216.45	0.03	ppb
Beryllium	9-1	0.53	0.48	0.54	0.52	6.67	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	95.31	99.72	105.03	100.02	4.86	ppb
Boron	11-1	98.90	104.01	107.72	103.54	4.27	ppb
Bromine	81-1						cps
Cadmium	111-1	5.50	5.59	5.49	5.53	1.06	ppb
Cadmium	106-1	13.00	13.70	13.81	13.50	3.26	ppb
Cadmium	108-1	13.23	12.85	12.45	12.84	3.01	ppb
Calcium	43-1	116506.82	120847.64	124825.21	120726.56	3.45	ppb
Calcium	44-1	119865.87	123540.65	126847.33	123417.95	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56.87	55.34	53.85	55.35	2.74	ppb
Cobalt	59-2	6.74	6.54	6.50	6.59	1.98	ppb
Copper	63-2	297.41	290.86	287.47	291.91	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				109		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	20206.57	19941.27	19007.69	19718.51	3.19	ppb
Iron	56-2	19968.48	19588.47	19058.94	19538.63	2.34	ppb
Iron	57-2	18523.31	18514.46	18229.97	18422.58	0.91	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:41:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	309.34	318.32	319.90	315.85	1.80	ppb
Lead	207-1	308.40	315.11	324.73	316.08	2.60	ppb
Lead	208-1	322.28	328.52	336.05	328.95	2.10	ppb
Lithium	6-1				112		%
Magnesium	24-2	19170.88	18455.75	17929.74	18518.79	3.36	ppb
Manganese	55-2	735.28	737.40	692.94	721.88	3.47	ppb
Molybdenum	94-1	26.27	29.35	30.32	28.65	7.38	ppb
Molybdenum	95-1	4.57	4.56	4.26	4.46	3.93	ppb
Molybdenum	96-1	7.29	7.18	6.92	7.13	2.70	ppb
Molybdenum	97-1	4.32	4.54	4.72	4.53	4.42	ppb
Molybdenum	98-1	4.30	4.50	4.68	4.49	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.10	51.24	49.28	50.54	2.16	ppb
Phosphorus	31-2	2672.59	2533.29	2326.05	2510.64	6.95	ppb
Potassium	39-2	5732.69	5702.05	5519.55	5651.43	2.04	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				114		%
Scandium	45-2				105		%
Selenium	82-1	3.39	2.94	3.14	3.16	7.25	ppb
Selenium	77-2	7.24	4.49	8.64	6.79	31.04	ppb
Selenium	78-2	3.66	5.30	3.29	4.09	26.16	ppb
Silicon	28-1	36.70	38.19	40.35	38.41	4.77	ppb
Silver	107-1	1.55	1.53	1.52	1.53	1.20	ppb
Silver	109-1	1.59	1.55	1.52	1.55	2.11	ppb
Sodium	23-2	65728.68	64516.25	62972.84	64405.92	2.14	ppb
Strontium	86-1	311.11	314.22	316.75	314.03	0.90	ppb
Strontium	88-1	317.30	326.37	332.99	325.56	2.42	ppb
Sulfur	34-1	35929.35	38658.42	38925.48	37837.75	4.38	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.13	0.15	0.14	8.06	ppb
Thallium	205-1	0.14	0.17	0.15	0.15	10.52	ppb
Tin	118-1	68.79	61.74	63.03	64.52	5.81	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:41:37	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	229.96	246.09	254.18	243.41	5.06	ppb
Uranium	238-1	1.70	1.77	1.75	1.74	1.94	ppb
Vanadium	51-2	30.42	30.31	28.90	29.88	2.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	14891.29	14348.76	14220.03	14486.69	2.46	ppb
Zirconium	90-1	12.26	13.61	13.64	13.17	5.98	ppb
Zirconium	91-1	11.78	12.09	13.70	12.52	8.23	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-10	Instrumnet Name :	P8
Client Sample ID :	MH1KG2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:44:33	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12218.78	12429.56	12113.06	12253.80	1.31	ppb
Antimony	121-1	7.05	6.42	6.48	6.65	5.22	ppb
Arsenic	75-2	17.43	17.75	17.52	17.57	0.96	ppb
Barium	135-1	350.30	325.11	311.26	328.89	6.02	ppb
Barium	137-1	349.17	318.91	310.57	326.22	6.23	ppb
Beryllium	9-1	0.97	0.82	0.71	0.83	15.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	94.25	89.65	90.45	91.45	2.68	ppb
Boron	11-1	102.20	96.62	92.79	97.20	4.87	ppb
Bromine	81-1						cps
Cadmium	111-1	9.35	7.86	7.94	8.39	9.99	ppb
Cadmium	106-1	13.31	14.10	12.46	13.29	6.14	ppb
Cadmium	108-1	12.40	10.08	10.68	11.05	10.90	ppb
Calcium	43-1	177798.77	167847.67	164380.37	170008.94	4.10	ppb
Calcium	44-1	181824.84	165184.79	161541.51	169517.05	6.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91.94	93.33	91.57	92.28	1.00	ppb
Cobalt	59-2	11.35	11.62	11.23	11.40	1.77	ppb
Copper	63-2	224.45	225.72	222.37	224.18	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				97		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	86271.05	86817.82	83053.07	85380.65	2.38	ppb
Iron	56-2	84074.27	82270.25	83235.41	83193.31	1.09	ppb
Iron	57-2	85679.92	85558.30	84863.35	85367.19	0.52	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-10	Instrumnet Name :	P8
Client Sample ID :	MH1KG2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:44:33	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	460.06	422.51	413.33	431.97	5.73	ppb
Lead	207-1	454.21	412.43	407.68	424.78	6.03	ppb
Lead	208-1	469.02	430.05	426.90	441.99	5.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	9722.00	9502.15	9371.69	9531.95	1.86	ppb
Manganese	55-2	1017.64	1003.61	989.67	1003.64	1.39	ppb
Molybdenum	94-1	53.67	52.23	48.32	51.41	5.39	ppb
Molybdenum	95-1	11.81	9.99	10.55	10.78	8.64	ppb
Molybdenum	96-1	17.88	15.38	15.15	16.14	9.39	ppb
Molybdenum	97-1	11.05	10.19	10.44	10.56	4.19	ppb
Molybdenum	98-1	11.28	10.08	9.92	10.43	7.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.28	44.78	43.51	43.86	1.83	ppb
Phosphorus	31-2	3907.34	3727.08	3558.31	3730.91	4.68	ppb
Potassium	39-2	4382.78	4381.43	4321.13	4361.78	0.81	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	7.02	7.81	8.42	7.75	9.11	ppb
Selenium	77-2	14.32	11.60	22.58	16.17	35.36	ppb
Selenium	78-2	7.85	6.58	10.06	8.16	21.58	ppb
Silicon	28-1	68.57	57.83	58.58	61.66	9.72	ppb
Silver	107-1	39.24	35.88	33.66	36.26	7.75	ppb
Silver	109-1	39.20	35.19	35.05	36.48	6.47	ppb
Sodium	23-2	12605.69	12484.27	12286.03	12458.66	1.30	ppb
Strontium	86-1	936.96	872.09	886.16	898.40	3.80	ppb
Strontium	88-1	935.56	854.61	856.71	882.29	5.23	ppb
Sulfur	34-1	27339.05	23806.11	24119.68	25088.28	7.79	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.17	0.18	0.19	0.18	6.93	ppb
Thallium	205-1	0.20	0.18	0.16	0.18	11.08	ppb
Tin	118-1	186.19	166.19	162.40	171.59	7.45	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-10	Instrumnet Name :	P8
Client Sample ID :	MH1KG2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:44:33	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	630.96	562.64	569.22	587.61	6.41	ppb
Uranium	238-1	4.45	3.99	4.10	4.18	5.68	ppb
Vanadium	51-2	53.95	54.68	52.41	53.68	2.17	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	1250.07	1266.54	1235.80	1250.80	1.23	ppb
Zirconium	90-1	23.32	22.19	21.69	22.40	3.74	ppb
Zirconium	91-1	22.43	21.22	20.66	21.44	4.22	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-11	Instrumnet Name :	P8
Client Sample ID :	MH1KG3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:47:28	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7683.11	7564.04	9051.21	8099.46	10.20	ppb
Antimony	121-1	4.21	3.97	3.97	4.05	3.38	ppb
Arsenic	75-2	29.61	29.21	35.24	31.35	10.76	ppb
Barium	135-1	293.72	291.47	295.61	293.60	0.71	ppb
Barium	137-1	287.28	296.76	298.05	294.03	2.00	ppb
Beryllium	9-1	0.67	0.72	0.74	0.71	4.89	ppb
Bismuth	209-1				106		%
Bismuth	209-2				94		%
Boron	10-1	38.74	38.95	38.94	38.88	0.30	ppb
Boron	11-1	40.35	39.83	40.34	40.17	0.74	ppb
Bromine	81-1						cps
Cadmium	111-1	4.02	3.94	3.70	3.89	4.35	ppb
Cadmium	106-1	5.57	5.14	3.53	4.75	22.59	ppb
Cadmium	108-1	4.69	3.79	5.22	4.57	15.92	ppb
Calcium	43-1	65951.78	66218.78	62928.87	65033.15	2.81	ppb
Calcium	44-1	67697.35	67007.30	66456.55	67053.74	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.97	54.42	65.60	58.66	10.33	ppb
Cobalt	59-2	8.33	7.91	9.51	8.58	9.67	ppb
Copper	63-2	122.16	117.62	143.76	127.84	10.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	54-2	26851.74	25196.86	30979.80	27676.13	10.76	ppb
Iron	56-2	25435.56	24832.78	30075.75	26781.36	10.71	ppb
Iron	57-2	24020.47	23282.14	28242.73	25181.78	10.63	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-11	Instrumnet Name :	P8
Client Sample ID :	MH1KG3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:47:28	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	245.99	255.93	253.56	251.83	2.06	ppb
Lead	207-1	240.47	252.73	248.76	247.32	2.53	ppb
Lead	208-1	252.01	257.60	247.79	252.46	1.95	ppb
Lithium	6-1				111		%
Magnesium	24-2	7924.72	7585.11	8921.30	8143.71	8.53	ppb
Manganese	55-2	890.79	855.50	1043.91	930.06	10.77	ppb
Molybdenum	94-1	9.75	9.50	9.97	9.74	2.38	ppb
Molybdenum	95-1	3.54	3.45	3.43	3.47	1.79	ppb
Molybdenum	96-1	4.24	4.27	4.27	4.26	0.31	ppb
Molybdenum	97-1	3.08	3.42	3.30	3.27	5.26	ppb
Molybdenum	98-1	3.37	3.53	3.49	3.47	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.67	31.28	36.93	33.29	9.48	ppb
Phosphorus	31-2	4603.39	4088.58	5560.51	4750.83	15.72	ppb
Potassium	39-2	11853.06	11261.62	13550.35	12221.68	9.72	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				102		%
Selenium	82-1	1.68	2.02	1.70	1.80	10.70	ppb
Selenium	77-2	10.45	9.53	11.41	10.46	8.98	ppb
Selenium	78-2	5.06	4.77	5.19	5.01	4.26	ppb
Silicon	28-1	39.89	39.10	39.91	39.64	1.17	ppb
Silver	107-1	2.08	1.90	1.91	1.97	5.26	ppb
Silver	109-1	2.01	1.95	1.83	1.93	4.89	ppb
Sodium	23-2	39776.33	39118.25	46187.96	41694.18	9.37	ppb
Strontium	86-1	208.40	209.85	204.77	207.67	1.26	ppb
Strontium	88-1	224.38	217.58	217.06	219.67	1.86	ppb
Sulfur	34-1	7527.42	7375.97	7734.94	7546.11	2.39	ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.16	0.18	0.22	0.19	16.95	ppb
Thallium	205-1	0.25	0.23	0.22	0.23	6.13	ppb
Tin	118-1	43.49	42.78	42.71	42.99	1.01	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-11	Instrumnet Name :	P8
Client Sample ID :	MH1KG3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:47:28	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	208.09	215.48	208.06	210.54	2.03	ppb
Uranium	238-1	2.14	2.23	1.95	2.11	6.83	ppb
Vanadium	51-2	42.35	41.02	49.69	44.35	10.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	1003.25	985.02	1161.14	1049.80	9.23	ppb
Zirconium	90-1	3.31	3.48	3.52	3.44	3.33	ppb
Zirconium	91-1	3.56	3.32	3.21	3.36	5.43	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-12	Instrumnet Name :	P8
Client Sample ID :	MH1KG4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:50:28	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5724.21	5767.93	5639.12	5710.42	1.15	ppb
Antimony	121-1	4.37	4.46	4.69	4.51	3.59	ppb
Arsenic	75-2	23.08	23.64	23.01	23.24	1.50	ppb
Barium	135-1	264.05	279.13	281.61	274.93	3.46	ppb
Barium	137-1	266.61	288.63	287.68	280.97	4.43	ppb
Beryllium	9-1	0.52	0.48	0.51	0.50	3.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	33.96	34.60	34.43	34.33	0.96	ppb
Boron	11-1	36.15	35.74	35.50	35.80	0.92	ppb
Bromine	81-1						cps
Cadmium	111-1	4.24	4.30	4.38	4.31	1.55	ppb
Cadmium	106-1	5.87	3.13	6.25	5.08	33.51	ppb
Cadmium	108-1	4.15	4.72	4.94	4.60	8.87	ppb
Calcium	43-1	55084.92	55552.53	56377.27	55671.57	1.18	ppb
Calcium	44-1	58383.20	58929.43	59506.01	58939.55	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.39	40.83	39.98	40.40	1.05	ppb
Cobalt	59-2	7.22	7.74	7.51	7.49	3.50	ppb
Copper	63-2	129.92	134.43	129.22	131.19	2.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	22794.70	23435.95	21712.15	22647.60	3.85	ppb
Iron	56-2	22104.94	22615.10	21623.53	22114.52	2.24	ppb
Iron	57-2	20630.48	21380.41	20252.96	20754.62	2.77	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-12	Instrumnet Name :	P8
Client Sample ID :	MH1KG4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:50:28	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	262.78	262.79	270.14	265.23	1.60	ppb
Lead	207-1	266.42	259.13	264.27	263.27	1.42	ppb
Lead	208-1	260.43	263.62	274.24	266.10	2.72	ppb
Lithium	6-1				108		%
Magnesium	24-2	6077.67	6242.74	6042.65	6121.02	1.75	ppb
Manganese	55-2	673.12	676.24	649.45	666.27	2.20	ppb
Molybdenum	94-1	12.15	12.23	12.70	12.36	2.43	ppb
Molybdenum	95-1	2.83	2.94	3.26	3.01	7.36	ppb
Molybdenum	96-1	4.00	4.18	4.10	4.09	2.14	ppb
Molybdenum	97-1	3.02	2.86	3.04	2.97	3.40	ppb
Molybdenum	98-1	2.73	2.76	2.91	2.80	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.89	29.23	28.99	29.03	0.59	ppb
Phosphorus	31-2	3730.48	3692.42	3639.80	3687.57	1.23	ppb
Potassium	39-2	8197.09	9200.54	8108.38	8502.00	7.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	82-1	1.67	1.97	2.17	1.94	13.00	ppb
Selenium	77-2	13.22	6.22	8.81	9.42	37.58	ppb
Selenium	78-2	3.63	4.49	3.15	3.76	18.01	ppb
Silicon	28-1	46.58	45.89	46.98	46.49	1.19	ppb
Silver	107-1	2.86	2.89	3.12	2.96	4.81	ppb
Silver	109-1	2.82	3.13	3.21	3.05	6.74	ppb
Sodium	23-2	26501.57	28225.44	27355.63	27360.88	3.15	ppb
Strontium	86-1	191.64	187.87	194.69	191.40	1.79	ppb
Strontium	88-1	197.66	193.41	204.15	198.41	2.73	ppb
Sulfur	34-1	9972.12	9452.73	9624.54	9683.13	2.73	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.12	0.23	0.18	0.18	29.55	ppb
Thallium	205-1	0.16	0.13	0.17	0.15	16.73	ppb
Tin	118-1	35.88	38.01	39.46	37.78	4.77	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-12	Instrumnet Name :	P8
Client Sample ID :	MH1KG4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:50:28	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	192.86	199.39	200.29	197.51	2.05	ppb
Uranium	238-1	1.73	1.68	1.81	1.74	3.71	ppb
Vanadium	51-2	33.97	34.90	33.67	34.18	1.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	935.44	926.76	920.56	927.59	0.81	ppb
Zirconium	90-1	5.44	5.17	5.56	5.39	3.75	ppb
Zirconium	91-1	6.82	5.22	5.28	5.77	15.70	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-13	Instrumnet Name :	P8
Client Sample ID :	MH1KG5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:53:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7114.86	7082.89	6906.63	7034.80	1.59	ppb
Antimony	121-1	4.82	4.85	4.64	4.77	2.35	ppb
Arsenic	75-2	30.89	29.84	30.51	30.41	1.74	ppb
Barium	135-1	287.92	298.45	287.95	291.44	2.08	ppb
Barium	137-1	300.36	307.56	289.14	299.02	3.10	ppb
Beryllium	9-1	0.63	0.69	0.71	0.68	5.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	28.61	29.39	29.75	29.25	1.99	ppb
Boron	11-1	29.91	30.92	30.48	30.44	1.66	ppb
Bromine	81-1						cps
Cadmium	111-1	4.12	4.20	3.93	4.08	3.37	ppb
Cadmium	106-1	6.65	4.08	6.55	5.76	25.25	ppb
Cadmium	108-1	3.57	4.75	5.67	4.67	22.55	ppb
Calcium	43-1	77465.21	78513.55	72583.93	76187.56	4.15	ppb
Calcium	44-1	77699.27	76639.07	73902.49	76080.28	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.30	51.18	48.90	50.13	2.29	ppb
Cobalt	59-2	8.65	8.86	8.91	8.81	1.56	ppb
Copper	63-2	128.82	126.06	126.92	127.27	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				106		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	30106.04	29548.83	29739.45	29798.11	0.95	ppb
Iron	56-2	29738.41	28591.34	28679.62	29003.12	2.20	ppb
Iron	57-2	27249.71	26996.33	26576.75	26940.93	1.26	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-13	Instrumnet Name :	P8
Client Sample ID :	MH1KG5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:53:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	292.56	290.19	267.44	283.40	4.90	ppb
Lead	207-1	293.30	282.46	264.93	280.23	5.11	ppb
Lead	208-1	300.13	292.26	275.46	289.29	4.36	ppb
Lithium	6-1				109		%
Magnesium	24-2	6932.22	6446.25	6519.18	6632.55	3.95	ppb
Manganese	55-2	853.98	836.75	853.26	848.00	1.15	ppb
Molybdenum	94-1	9.81	10.25	9.74	9.93	2.78	ppb
Molybdenum	95-1	3.47	3.40	3.23	3.37	3.62	ppb
Molybdenum	96-1	4.11	4.29	4.11	4.17	2.55	ppb
Molybdenum	97-1	3.32	3.23	3.20	3.25	1.91	ppb
Molybdenum	98-1	3.27	3.25	3.24	3.25	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.45	32.67	33.22	33.45	2.73	ppb
Phosphorus	31-2	4816.20	4397.35	4139.11	4450.89	7.68	ppb
Potassium	39-2	8115.62	8130.96	7943.65	8063.41	1.29	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				105		%
Selenium	82-1	1.80	1.99	1.96	1.92	5.28	ppb
Selenium	77-2	14.33	13.16	6.09	11.20	39.83	ppb
Selenium	78-2	4.70	6.85	3.87	5.14	29.86	ppb
Silicon	28-1	42.99	42.16	41.88	42.34	1.37	ppb
Silver	107-1	1.83	1.87	1.66	1.79	6.38	ppb
Silver	109-1	1.73	1.82	1.69	1.75	3.90	ppb
Sodium	23-2	25127.17	25113.20	25314.02	25184.80	0.45	ppb
Strontium	86-1	267.89	275.08	256.19	266.39	3.58	ppb
Strontium	88-1	283.81	286.03	278.35	282.73	1.40	ppb
Sulfur	34-1	7860.48	7746.66	6996.38	7534.51	6.23	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.19	0.27	0.15	0.20	28.16	ppb
Thallium	205-1	0.19	0.17	0.17	0.18	7.02	ppb
Tin	118-1	34.61	35.66	33.82	34.70	2.66	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-13	Instrumnet Name :	P8
Client Sample ID :	MH1KG5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:53:27	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	194.45	189.40	184.64	189.50	2.59	ppb
Uranium	238-1	2.16	2.21	2.01	2.13	4.91	ppb
Vanadium	51-2	46.12	44.01	44.90	45.01	2.35	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	1038.22	1047.99	1026.34	1037.51	1.04	ppb
Zirconium	90-1	4.06	3.55	3.49	3.70	8.44	ppb
Zirconium	91-1	3.67	3.44	3.30	3.47	5.39	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:56:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6674.12	6586.63	6076.76	6445.84	5.00	ppb
Antimony	121-1	19.78	19.23	19.50	19.50	1.40	ppb
Arsenic	75-2	32.74	33.01	31.00	32.25	3.39	ppb
Barium	135-1	367.44	352.10	366.09	361.88	2.35	ppb
Barium	137-1	379.94	361.09	369.18	370.07	2.56	ppb
Beryllium	9-1	0.65	0.67	0.65	0.66	1.58	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	54.46	56.62	59.98	57.02	4.88	ppb
Boron	11-1	55.08	58.45	63.43	58.99	7.13	ppb
Bromine	81-1						cps
Cadmium	111-1	20.60	19.07	20.37	20.01	4.11	ppb
Cadmium	106-1	16.62	18.25	23.02	19.29	17.25	ppb
Cadmium	108-1	19.08	18.12	18.40	18.53	2.65	ppb
Calcium	43-1	104213.15	100529.35	98943.74	101228.75	2.67	ppb
Calcium	44-1	106267.76	102804.05	103116.44	104062.75	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.80	50.29	46.78	49.62	5.19	ppb
Cobalt	59-2	9.85	9.92	9.31	9.69	3.43	ppb
Copper	63-2	337.16	333.11	314.56	328.28	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	38855.60	38903.17	36641.50	38133.42	3.39	ppb
Iron	56-2	38342.47	36875.77	33843.48	36353.91	6.31	ppb
Iron	57-2	38750.49	34284.38	32267.76	35100.88	9.45	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:56:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	16371.35	16420.76	16649.92	16480.68	0.90	ppb
Lead	207-1	14693.52	14562.99	14882.09	14712.87	1.09	ppb
Lead	208-1	15194.09	14951.48	15324.48	15156.68	1.25	ppb
Lithium	6-1				107		%
Magnesium	24-2	9167.96	8479.54	8115.63	8587.71	6.22	ppb
Manganese	55-2	806.80	791.56	744.11	780.83	4.19	ppb
Molybdenum	94-1	9.05	9.10	8.96	9.04	0.79	ppb
Molybdenum	95-1	4.44	4.55	4.63	4.54	2.09	ppb
Molybdenum	96-1	5.51	5.03	5.34	5.30	4.58	ppb
Molybdenum	97-1	4.59	4.38	4.67	4.55	3.31	ppb
Molybdenum	98-1	4.44	4.29	4.24	4.32	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	170.32	168.17	153.25	163.91	5.67	ppb
Phosphorus	31-2	5779.89	5664.36	5596.29	5680.18	1.63	ppb
Potassium	39-2	8456.64	8250.22	7810.64	8172.50	4.04	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	2.28	3.05	2.28	2.54	17.37	ppb
Selenium	77-2	10.53	8.07	13.21	10.60	24.26	ppb
Selenium	78-2	2.61	4.82	4.07	3.83	29.25	ppb
Silicon	28-1	61.86	72.09	65.68	66.54	7.76	ppb
Silver	107-1	2.97	2.77	2.89	2.88	3.48	ppb
Silver	109-1	3.09	3.15	3.15	3.13	1.17	ppb
Sodium	23-2	20216.83	20007.73	18793.18	19672.58	3.91	ppb
Strontium	86-1	430.85	423.38	425.27	426.50	0.91	ppb
Strontium	88-1	445.03	447.36	451.73	448.04	0.76	ppb
Sulfur	34-1	20913.17	19543.30	20201.73	20219.40	3.39	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.18	0.16	0.14	35.93	ppb
Thallium	205-1	0.15	0.17	0.16	0.16	4.19	ppb
Tin	118-1	1210.21	1162.08	1194.51	1188.93	2.06	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:56:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	197.84	199.56	200.74	199.38	0.73	ppb
Uranium	238-1	2.69	2.69	2.76	2.71	1.47	ppb
Vanadium	51-2	49.15	47.71	45.41	47.42	3.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	2337.80	2299.61	2140.98	2259.46	4.62	ppb
Zirconium	90-1	3.07	2.71	2.79	2.85	6.60	ppb
Zirconium	91-1	2.53	2.73	2.73	2.66	4.30	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-15	Instrumnet Name :	P8
Client Sample ID :	MH1KG7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:59:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6399.64	6243.97	6395.07	6346.22	1.40	ppb
Antimony	121-1	7.00	7.07	7.05	7.04	0.47	ppb
Arsenic	75-2	47.33	47.17	48.33	47.61	1.33	ppb
Barium	135-1	240.44	241.69	250.00	244.05	2.13	ppb
Barium	137-1	244.90	249.43	253.44	249.26	1.71	ppb
Beryllium	9-1	0.41	0.43	0.43	0.42	3.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	39.27	40.35	39.53	39.71	1.42	ppb
Boron	11-1	42.06	42.95	43.03	42.68	1.27	ppb
Bromine	81-1						cps
Cadmium	111-1	2.81	2.69	2.48	2.66	6.24	ppb
Cadmium	106-1	6.68	5.21	4.91	5.60	16.93	ppb
Cadmium	108-1	3.80	4.34	5.36	4.50	17.66	ppb
Calcium	43-1	50753.10	52514.33	52041.01	51769.48	1.76	ppb
Calcium	44-1	55673.34	57557.61	55895.86	56375.60	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.61	32.81	33.39	33.27	1.24	ppb
Cobalt	59-2	19.66	19.18	19.58	19.47	1.33	ppb
Copper	63-2	176.17	171.92	172.82	173.64	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	18475.48	18333.47	18858.95	18555.97	1.46	ppb
Iron	56-2	18198.72	17334.42	17614.51	17715.89	2.49	ppb
Iron	57-2	16962.28	16498.53	16592.51	16684.44	1.47	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-15	Instrumnet Name :	P8
Client Sample ID :	MH1KG7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:59:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	199.61	188.91	204.24	197.59	3.98	ppb
Lead	207-1	193.69	188.21	189.59	190.49	1.50	ppb
Lead	208-1	196.05	188.75	194.38	193.06	1.98	ppb
Lithium	6-1				108		%
Magnesium	24-2	12068.45	11856.67	11936.38	11953.83	0.89	ppb
Manganese	55-2	427.91	420.08	436.63	428.21	1.93	ppb
Molybdenum	94-1	21.00	21.12	23.53	21.89	6.52	ppb
Molybdenum	95-1	2.65	2.53	2.69	2.62	3.35	ppb
Molybdenum	96-1	4.82	5.55	5.01	5.12	7.39	ppb
Molybdenum	97-1	2.58	2.61	2.69	2.63	2.16	ppb
Molybdenum	98-1	2.52	2.70	2.73	2.65	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.49	36.76	38.90	38.05	2.99	ppb
Phosphorus	31-2	3156.22	3065.79	3224.52	3148.84	2.53	ppb
Potassium	39-2	5439.86	5313.38	5411.27	5388.17	1.23	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	2.58	2.83	1.86	2.42	20.83	ppb
Selenium	77-2	6.21	10.56	8.05	8.28	26.36	ppb
Selenium	78-2	3.82	3.13	2.47	3.14	21.49	ppb
Silicon	28-1	36.98	37.04	37.86	37.30	1.32	ppb
Silver	107-1	2.45	2.30	2.36	2.37	3.06	ppb
Silver	109-1	2.49	2.57	2.33	2.46	5.11	ppb
Sodium	23-2	10665.79	10481.53	10531.62	10559.65	0.90	ppb
Strontium	86-1	146.18	147.29	151.49	148.32	1.89	ppb
Strontium	88-1	154.44	154.55	161.79	156.93	2.68	ppb
Sulfur	34-1	4765.19	4695.93	4834.28	4765.13	1.45	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.08	0.14	0.11	29.32	ppb
Thallium	205-1	0.14	0.11	0.14	0.13	12.89	ppb
Tin	118-1	18.68	18.13	17.53	18.11	3.17	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-15	Instrumnet Name :	P8
Client Sample ID :	MH1KG7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:59:19	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	224.50	232.00	226.63	227.71	1.70	ppb
Uranium	238-1	1.44	1.46	1.52	1.47	3.05	ppb
Vanadium	51-2	32.84	32.44	32.76	32.68	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	783.71	774.40	765.91	774.68	1.15	ppb
Zirconium	90-1	11.02	13.40	10.50	11.64	13.32	ppb
Zirconium	91-1	10.14	10.21	9.80	10.05	2.18	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-16	Instrumnet Name :	P8
Client Sample ID :	MH1KG8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:02:20	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8307.44	8452.13	8707.73	8489.10	2.39	ppb
Antimony	121-1	32.46	34.14	33.33	33.31	2.51	ppb
Arsenic	75-2	30.20	30.35	31.69	30.75	2.67	ppb
Barium	135-1	542.88	561.44	547.17	550.49	1.77	ppb
Barium	137-1	544.86	568.57	555.89	556.44	2.13	ppb
Beryllium	9-1	0.55	0.58	0.57	0.57	2.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	58.44	63.06	61.96	61.15	3.95	ppb
Boron	11-1	62.20	67.50	66.62	65.44	4.33	ppb
Bromine	81-1						cps
Cadmium	111-1	3.89	3.99	3.89	3.92	1.54	ppb
Cadmium	106-1	5.41	7.30	7.60	6.77	17.59	ppb
Cadmium	108-1	7.13	7.42	6.92	7.16	3.54	ppb
Calcium	43-1	100245.11	112782.40	102913.77	105313.76	6.27	ppb
Calcium	44-1	101798.51	112472.85	105734.55	106668.64	5.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.50	77.17	80.40	77.69	3.21	ppb
Cobalt	59-2	8.60	8.95	9.07	8.87	2.74	ppb
Copper	63-2	258.65	261.78	270.71	263.72	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	21479.21	21200.45	22412.80	21697.49	2.93	ppb
Iron	56-2	20164.21	21042.84	21957.99	21055.01	4.26	ppb
Iron	57-2	19274.61	19804.13	20406.13	19828.29	2.86	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-16	Instrumnet Name :	P8
Client Sample ID :	MH1KG8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:02:20	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	397.17	426.20	402.39	408.58	3.79	ppb
Lead	207-1	388.80	413.50	397.93	400.08	3.12	ppb
Lead	208-1	399.74	432.03	416.89	416.22	3.88	ppb
Lithium	6-1				105		%
Magnesium	24-2	22603.45	23156.90	24348.76	23369.71	3.82	ppb
Manganese	55-2	668.77	673.58	710.34	684.23	3.32	ppb
Molybdenum	94-1	11.58	12.75	11.21	11.85	6.76	ppb
Molybdenum	95-1	4.36	4.53	4.16	4.35	4.22	ppb
Molybdenum	96-1	5.35	5.12	4.97	5.15	3.73	ppb
Molybdenum	97-1	4.22	4.42	4.28	4.31	2.37	ppb
Molybdenum	98-1	4.16	4.23	4.27	4.22	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.42	58.17	59.62	58.07	2.76	ppb
Phosphorus	31-2	3210.76	3123.34	3449.93	3261.34	5.18	ppb
Potassium	39-2	11263.06	11514.01	11941.30	11572.79	2.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	5.51	6.15	6.19	5.95	6.42	ppb
Selenium	77-2	16.33	18.53	16.76	17.21	6.76	ppb
Selenium	78-2	6.96	8.46	9.44	8.29	15.06	ppb
Silicon	28-1	39.58	42.99	40.19	40.92	4.44	ppb
Silver	107-1	2.78	2.80	2.79	2.79	0.37	ppb
Silver	109-1	2.70	2.87	2.89	2.82	3.73	ppb
Sodium	23-2	31800.47	33903.82	34960.41	33554.90	4.79	ppb
Strontium	86-1	232.94	254.62	231.84	239.80	5.36	ppb
Strontium	88-1	244.89	262.62	243.41	250.31	4.27	ppb
Sulfur	34-1	10614.47	11957.41	9810.91	10794.26	10.05	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.15	0.15	0.14	10.99	ppb
Thallium	205-1	0.15	0.19	0.16	0.17	15.01	ppb
Tin	118-1	33.25	34.87	34.08	34.07	2.38	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-16	Instrumnet Name :	P8
Client Sample ID :	MH1KG8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:02:20	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	313.58	335.33	307.56	318.82	4.58	ppb
Uranium	238-1	1.75	2.06	1.95	1.92	8.00	ppb
Vanadium	51-2	33.67	34.54	35.86	34.69	3.17	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	1455.74	1480.31	1560.89	1498.98	3.67	ppb
Zirconium	90-1	4.73	4.42	4.27	4.47	5.23	ppb
Zirconium	91-1	4.18	4.46	4.19	4.28	3.65	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-17	Instrumnet Name :	P8
Client Sample ID :	MH1KG9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:05:27	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7812.14	7327.98	7193.91	7444.68	4.37	ppb
Antimony	121-1	43.63	43.84	41.96	43.14	2.39	ppb
Arsenic	75-2	28.93	27.86	27.03	27.94	3.41	ppb
Barium	135-1	339.83	331.22	319.97	330.34	3.02	ppb
Barium	137-1	335.45	332.58	322.39	330.14	2.08	ppb
Beryllium	9-1	0.42	0.42	0.44	0.43	2.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	75.21	78.39	79.40	77.67	2.82	ppb
Boron	11-1	77.91	82.07	84.71	81.56	4.20	ppb
Bromine	81-1						cps
Cadmium	111-1	3.49	3.62	3.19	3.43	6.41	ppb
Cadmium	106-1	8.43	4.90	6.84	6.72	26.30	ppb
Cadmium	108-1	6.00	5.75	6.22	5.99	3.92	ppb
Calcium	43-1	115868.18	116979.37	111362.25	114736.60	2.59	ppb
Calcium	44-1	115630.69	116247.21	110447.27	114108.39	2.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.99	59.47	58.37	60.28	4.00	ppb
Cobalt	59-2	8.65	7.89	8.07	8.20	4.84	ppb
Copper	63-2	229.41	213.51	208.06	217.00	5.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	54-2	20075.98	18679.43	18163.68	18973.03	5.21	ppb
Iron	56-2	19250.40	18083.29	18238.27	18523.99	3.42	ppb
Iron	57-2	18437.05	17323.16	17174.33	17644.85	3.91	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-17	Instrumnet Name :	P8
Client Sample ID :	MH1KG9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:05:27	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	239.82	245.35	235.74	240.30	2.01	ppb
Lead	207-1	237.49	241.20	232.25	236.98	1.90	ppb
Lead	208-1	236.30	237.76	231.33	235.13	1.44	ppb
Lithium	6-1				108		%
Magnesium	24-2	22053.90	21743.77	20726.41	21508.03	3.23	ppb
Manganese	55-2	604.25	573.69	562.25	580.06	3.74	ppb
Molybdenum	94-1	16.33	16.59	16.22	16.38	1.17	ppb
Molybdenum	95-1	3.97	3.77	3.64	3.80	4.42	ppb
Molybdenum	96-1	5.08	4.94	5.19	5.07	2.40	ppb
Molybdenum	97-1	3.81	3.42	3.73	3.65	5.60	ppb
Molybdenum	98-1	3.75	3.71	3.71	3.72	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	82.88	76.55	77.36	78.93	4.37	ppb
Phosphorus	31-2	2902.68	2781.78	2884.70	2856.39	2.28	ppb
Potassium	39-2	13715.79	12864.12	12656.78	13078.90	4.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	2.50	1.24	1.73	1.82	34.84	ppb
Selenium	77-2	4.73	9.97	8.96	7.89	35.27	ppb
Selenium	78-2	5.57	4.26	2.47	4.10	37.94	ppb
Silicon	28-1	35.07	35.59	33.82	34.83	2.60	ppb
Silver	107-1	2.42	2.51	2.51	2.48	2.20	ppb
Silver	109-1	2.40	2.54	2.50	2.48	2.80	ppb
Sodium	23-2	117310.91	109986.28	107871.04	111722.74	4.43	ppb
Strontium	86-1	295.14	299.87	291.28	295.43	1.45	ppb
Strontium	88-1	301.89	305.25	295.32	300.82	1.68	ppb
Sulfur	34-1	15501.49	14719.09	13106.97	14442.52	8.45	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.10	0.09	0.06	0.08	24.40	ppb
Thallium	205-1	0.09	0.09	0.07	0.08	14.89	ppb
Tin	118-1	27.61	27.67	26.55	27.28	2.31	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-17	Instrumnet Name :	P8
Client Sample ID :	MH1KG9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:05:27	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	261.58	259.61	252.81	258.00	1.78	ppb
Uranium	238-1	1.69	1.70	1.63	1.67	2.18	ppb
Vanadium	51-2	30.26	28.41	28.18	28.95	3.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	1390.54	1288.21	1303.30	1327.35	4.16	ppb
Zirconium	90-1	6.80	6.86	6.82	6.83	0.47	ppb
Zirconium	91-1	6.59	6.70	7.61	6.96	8.03	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	2
Date & Time Acquired ::	2022-01-14 17:08:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4425.23	4362.09	4157.96	4315.09	3.24	ppb
Antimony	121-1	4.25	3.81	4.49	4.19	8.28	ppb
Arsenic	75-2	6.01	5.67	5.36	5.68	5.78	ppb
Barium	135-1	116.17	102.22	120.43	112.94	8.44	ppb
Barium	137-1	117.74	106.43	121.29	115.15	6.74	ppb
Beryllium	9-1	0.31	0.23	0.27	0.27	15.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	39.07	37.56	41.52	39.38	5.07	ppb
Boron	11-1	42.44	38.15	45.67	42.09	8.95	ppb
Bromine	81-1						cps
Cadmium	111-1	3.10	2.64	3.13	2.96	9.40	ppb
Cadmium	106-1	8.98	4.70	5.96	6.54	33.62	ppb
Cadmium	108-1	6.88	4.38	6.52	5.92	22.84	ppb
Calcium	43-1	61036.96	54371.06	64037.43	59815.15	8.27	ppb
Calcium	44-1	65779.08	56548.79	68921.92	63749.93	10.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.34	28.88	28.35	28.86	1.72	ppb
Cobalt	59-2	3.53	3.57	3.33	3.48	3.79	ppb
Copper	63-2	156.93	157.78	150.59	155.10	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				104		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	9966.90	10000.38	9310.03	9759.10	3.99	ppb
Iron	56-2	10513.60	10535.08	9727.22	10258.63	4.49	ppb
Iron	57-2	9817.10	9831.18	9246.05	9631.44	3.47	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	2
Date & Time Acquired ::	2022-01-14 17:08:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	172.39	154.66	179.48	168.84	7.57	ppb
Lead	207-1	170.70	148.42	179.03	166.05	9.53	ppb
Lead	208-1	168.79	149.79	176.81	165.13	8.40	ppb
Lithium	6-1				107		%
Magnesium	24-2	9914.48	9973.60	9229.01	9705.70	4.26	ppb
Manganese	55-2	389.48	387.31	362.83	379.87	3.90	ppb
Molybdenum	94-1	17.98	12.39	18.19	16.19	20.33	ppb
Molybdenum	95-1	2.30	1.75	2.45	2.17	17.13	ppb
Molybdenum	96-1	3.72	3.26	3.52	3.50	6.61	ppb
Molybdenum	97-1	2.18	2.01	2.62	2.27	13.91	ppb
Molybdenum	98-1	2.29	1.93	2.42	2.21	11.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.73	26.94	25.87	26.52	2.13	ppb
Phosphorus	31-2	1377.02	1155.38	1132.49	1221.63	11.06	ppb
Potassium	39-2	3046.08	3021.67	2839.96	2969.24	3.79	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	1.92	1.36	1.17	1.48	26.43	ppb
Selenium	77-2	3.68	0.93	6.33	3.64	74.03	ppb
Selenium	78-2	3.49	3.09	2.39	2.99	18.59	ppb
Silicon	28-1	22.11	16.99	21.95	20.35	14.30	ppb
Silver	107-1	0.77	0.76	0.93	0.82	11.47	ppb
Silver	109-1	0.85	0.73	0.84	0.81	7.81	ppb
Sodium	23-2	34108.42	35037.61	31938.65	33694.89	4.72	ppb
Strontium	86-1	168.15	142.22	177.09	162.49	11.15	ppb
Strontium	88-1	177.10	149.97	183.38	170.15	10.44	ppb
Sulfur	34-1	24657.30	20473.71	24955.70	23362.24	10.73	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.01	-0.01	0.05	0.02	181.99	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	44.76	ppb
Tin	118-1	34.16	29.44	34.08	32.56	8.29	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	2
Date & Time Acquired ::	2022-01-14 17:08:25	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	131.95	118.53	137.93	129.47	7.68	ppb
Uranium	238-1	0.90	0.80	0.96	0.89	9.37	ppb
Vanadium	51-2	15.97	16.22	14.61	15.60	5.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	7888.57	7787.20	7192.10	7622.62	4.94	ppb
Zirconium	90-1	7.83	6.01	6.35	6.73	14.40	ppb
Zirconium	91-1	5.68	6.02	6.58	6.09	7.47	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 17:11:24	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1321.94	1320.16	1339.11	1327.07	0.79	ppb
Antimony	121-1	3.88	3.96	3.88	3.91	1.19	ppb
Arsenic	75-2	6.32	6.33	6.64	6.43	2.82	ppb
Barium	135-1	73.35	70.91	71.88	72.05	1.70	ppb
Barium	137-1	74.23	72.64	73.16	73.34	1.11	ppb
Beryllium	9-1	0.13	0.14	0.09	0.12	21.10	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	21.15	20.11	20.83	20.69	2.57	ppb
Boron	11-1	21.29	20.87	22.32	21.49	3.49	ppb
Bromine	81-1						cps
Cadmium	111-1	4.14	4.04	4.08	4.09	1.28	ppb
Cadmium	106-1	1.75	2.46	1.48	1.89	26.66	ppb
Cadmium	108-1	3.69	2.82	3.14	3.22	13.69	ppb
Calcium	43-1	19457.83	18763.39	19026.87	19082.70	1.84	ppb
Calcium	44-1	20720.46	20086.13	20370.92	20392.50	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.18	9.95	10.28	10.14	1.63	ppb
Cobalt	59-2	1.97	1.94	1.92	1.94	1.33	ppb
Copper	63-2	68.57	68.30	67.12	67.99	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	7142.21	7138.09	7186.50	7155.60	0.38	ppb
Iron	56-2	7545.27	7143.81	7412.02	7367.03	2.78	ppb
Iron	57-2	7019.42	6855.20	7016.80	6963.81	1.35	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 17:11:24	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3301.09	3336.78	3376.05	3337.98	1.12	ppb
Lead	207-1	3051.64	2938.61	3004.87	2998.37	1.89	ppb
Lead	208-1	3102.85	3031.49	3091.61	3075.32	1.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	1641.87	1654.72	1671.67	1656.09	0.90	ppb
Manganese	55-2	161.58	158.87	160.22	160.22	0.84	ppb
Molybdenum	94-1	1.82	1.72	2.15	1.90	11.65	ppb
Molybdenum	95-1	0.86	0.94	0.87	0.89	4.40	ppb
Molybdenum	96-1	0.96	1.07	1.32	1.12	16.62	ppb
Molybdenum	97-1	0.92	0.91	0.88	0.90	2.17	ppb
Molybdenum	98-1	0.85	0.86	0.79	0.83	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.12	34.01	34.68	34.60	1.62	ppb
Phosphorus	31-2	1055.28	1122.56	1120.92	1099.58	3.49	ppb
Potassium	39-2	1680.59	1680.34	1717.36	1692.76	1.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.60	1.36	0.38	0.78	65.73	ppb
Selenium	77-2	1.95	-0.02	1.91	1.28	87.94	ppb
Selenium	78-2	3.15	0.29	0.97	1.47	101.71	ppb
Silicon	28-1	12.13	11.57	11.19	11.63	4.10	ppb
Silver	107-1	0.56	0.62	0.59	0.59	4.68	ppb
Silver	109-1	0.67	0.56	0.57	0.60	10.01	ppb
Sodium	23-2	4077.88	4272.88	4158.79	4169.85	2.35	ppb
Strontium	86-1	85.96	85.62	89.48	87.02	2.45	ppb
Strontium	88-1	86.80	86.28	88.44	87.17	1.29	ppb
Sulfur	34-1	3751.29	3044.37	3562.80	3452.82	10.60	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.03	-0.05	-0.03		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.03		ppb
Tin	118-1	225.66	219.54	221.54	222.25	1.40	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 17:11:24	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	40.62	38.42	40.89	39.97	3.39	ppb
Uranium	238-1	0.54	0.56	0.53	0.54	2.63	ppb
Vanadium	51-2	9.91	9.76	9.63	9.77	1.48	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	473.11	466.19	474.86	471.39	0.97	ppb
Zirconium	90-1	0.57	0.55	0.57	0.56	1.92	ppb
Zirconium	91-1	0.50	0.56	0.60	0.55	9.40	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05A	Instrumnet Name :	P8
Client Sample ID :	MH1KF9A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:23:29	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4614.23	4631.78	4432.34	4559.45	2.42	ppb
Antimony	121-1	2.35	2.27	2.30	2.31	1.92	ppb
Arsenic	75-2	28.71	28.25	27.86	28.27	1.50	ppb
Barium	135-1	227.35	222.44	225.81	225.20	1.12	ppb
Barium	137-1	232.15	223.40	235.60	230.38	2.73	ppb
Beryllium	9-1	0.49	0.51	0.44	0.48	7.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	253.29	268.22	281.14	267.55	5.21	ppb
Boron	11-1	268.85	277.51	293.62	279.99	4.49	ppb
Bromine	81-1						cps
Cadmium	111-1	1.49	1.32	1.40	1.40	6.36	ppb
Cadmium	106-1	0.60	1.19	2.16	1.32	60.02	ppb
Cadmium	108-1	2.10	2.03	1.98	2.04	3.13	ppb
Calcium	43-1	98649.85	100502.37	96141.35	98431.19	2.22	ppb
Calcium	44-1	98962.62	98670.65	96777.80	98137.02	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.54	30.45	29.36	30.12	2.18	ppb
Cobalt	59-2	5.20	5.27	5.16	5.21	1.04	ppb
Copper	63-2	70.58	69.61	65.81	68.67	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	13182.01	13359.19	12688.88	13076.69	2.66	ppb
Iron	56-2	13929.51	14071.17	13289.70	13763.46	3.03	ppb
Iron	57-2	13155.02	13313.79	12773.83	13080.88	2.12	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05A	Instrumnet Name :	P8
Client Sample ID :	MH1KF9A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:23:29	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	69.17	67.73	70.63	69.18	2.10	ppb
Lead	207-1	68.05	67.68	66.84	67.53	0.92	ppb
Lead	208-1	67.97	66.25	67.71	67.31	1.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	39223.99	40611.92	37508.07	39114.66	3.98	ppb
Manganese	55-2	515.68	516.93	494.39	509.00	2.49	ppb
Molybdenum	94-1	10.35	10.20	9.78	10.11	2.91	ppb
Molybdenum	95-1	2.36	2.26	2.08	2.23	6.32	ppb
Molybdenum	96-1	3.05	3.26	2.94	3.08	5.21	ppb
Molybdenum	97-1	2.18	2.11	2.35	2.22	5.62	ppb
Molybdenum	98-1	2.21	2.14	2.11	2.15	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.98	27.26	26.87	27.37	2.04	ppb
Phosphorus	31-2	5134.66	5241.36	4784.44	5053.49	4.73	ppb
Potassium	39-2	9268.82	9408.83	8406.69	9028.11	6.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	2.64	0.70	2.11	1.82	55.09	ppb
Selenium	77-2	12.42	9.73	6.15	9.44	33.31	ppb
Selenium	78-2	4.11	2.61	1.27	2.66	53.40	ppb
Silicon	28-1	31.52	33.40	32.95	32.62	3.01	ppb
Silver	107-1	1.79	1.65	1.82	1.75	5.31	ppb
Silver	109-1	1.82	1.75	1.80	1.79	1.99	ppb
Sodium	23-2	83419.92	88609.28	83720.25	85249.82	3.42	ppb
Strontium	86-1	129.23	133.21	129.92	130.79	1.63	ppb
Strontium	88-1	139.82	140.34	136.77	138.98	1.39	ppb
Sulfur	34-1	6483.79	6942.84	6288.69	6571.77	5.11	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.00	0.01	0.01	112.51	ppb
Thallium	205-1	0.06	0.03	0.07	0.05	42.42	ppb
Tin	118-1	15.70	15.74	15.84	15.76	0.47	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05A	Instrumnet Name :	P8
Client Sample ID :	MH1KF9A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:23:29	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	150.68	148.39	148.47	149.18	0.87	ppb
Uranium	238-1	0.99	1.05	1.03	1.02	3.08	ppb
Vanadium	51-2	27.06	28.07	27.15	27.43	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				105		%
Zinc	66-2	696.59	701.85	673.82	690.75	2.16	ppb
Zirconium	90-1	4.36	4.16	4.80	4.44	7.36	ppb
Zirconium	91-1	4.15	4.27	4.13	4.18	1.76	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:26:25	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51149.70	51051.04	49934.61	50711.79	1.33	ppb
Antimony	121-1	480.25	486.12	510.35	492.24	3.24	ppb
Arsenic	75-2	482.03	480.47	487.88	483.46	0.81	ppb
Barium	135-1	2535.64	2465.49	2565.12	2522.08	2.03	ppb
Barium	137-1	2548.48	2509.62	2566.53	2541.54	1.14	ppb
Beryllium	9-1	463.43	443.62	464.68	457.25	2.58	ppb
Bismuth	209-1				97		%
Bismuth	209-2				82		%
Boron	10-1	561.24	578.62	608.00	582.62	4.06	ppb
Boron	11-1	601.93	607.45	644.96	618.12	3.79	ppb
Bromine	81-1						cps
Cadmium	111-1	480.04	468.51	508.40	485.65	4.23	ppb
Cadmium	106-1	489.46	475.99	524.56	496.67	5.05	ppb
Cadmium	108-1	492.39	452.73	480.43	475.18	4.28	ppb
Calcium	43-1	246356.60	243999.41	238932.31	243096.11	1.56	ppb
Calcium	44-1	245184.45	243917.62	241074.71	243392.26	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.90	458.14	465.88	464.97	1.38	ppb
Cobalt	59-2	506.20	518.56	495.84	506.87	2.24	ppb
Copper	63-2	5058.84	5168.86	5093.92	5107.21	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				101		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	54-2	126195.36	123709.28	121724.08	123876.24	1.81	ppb
Iron	56-2	126092.89	122593.62	121398.37	123361.63	1.98	ppb
Iron	57-2	126607.83	123433.96	122186.79	124076.19	1.84	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:26:25	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2471.10	2409.10	2562.52	2480.91	3.11	ppb
Lead	207-1	2475.20	2439.47	2497.78	2470.81	1.19	ppb
Lead	208-1	2445.17	2411.63	2487.25	2448.01	1.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	249385.48	250539.46	239483.28	246469.41	2.47	ppb
Manganese	55-2	5039.94	4975.01	4841.89	4952.28	2.04	ppb
Molybdenum	94-1	5531.50	5661.68	5387.84	5527.01	2.48	ppb
Molybdenum	95-1	5523.40	5528.19	5392.46	5481.35	1.41	ppb
Molybdenum	96-1	5408.22	5388.64	5211.80	5336.22	2.03	ppb
Molybdenum	97-1	5414.79	5454.59	5279.90	5383.09	1.70	ppb
Molybdenum	98-1	5487.90	5350.63	5282.38	5373.64	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.15	496.38	494.68	498.40	1.01	ppb
Phosphorus	31-2	9821.87	9896.82	9629.00	9782.56	1.41	ppb
Potassium	39-2	125475.85	120644.31	121820.86	122647.01	2.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	469.64	475.68	462.29	469.20	1.43	ppb
Selenium	77-2	489.77	448.23	466.68	468.23	4.44	ppb
Selenium	78-2	483.96	463.12	482.02	476.37	2.42	ppb
Silicon	28-1	619.04	623.94	616.43	619.81	0.61	ppb
Silver	107-1	493.29	468.98	512.01	491.43	4.39	ppb
Silver	109-1	494.22	473.76	500.46	489.48	2.85	ppb
Sodium	23-2	244460.06	238443.27	242725.56	241876.30	1.28	ppb
Strontium	86-1	4960.88	4894.41	4866.91	4907.40	0.98	ppb
Strontium	88-1	4854.29	4925.72	4871.14	4883.71	0.76	ppb
Sulfur	34-1	9445.68	9568.24	9094.04	9369.32	2.63	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	494.11	486.51	501.87	494.16	1.55	ppb
Thallium	205-1	492.28	477.64	514.05	494.66	3.70	ppb
Tin	118-1	507.99	485.40	524.24	505.88	3.86	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:26:25	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5323.49	5369.92	5407.61	5367.00	0.79	ppb
Uranium	238-1	489.77	497.51	491.85	493.04	0.81	ppb
Vanadium	51-2	492.02	468.01	476.23	478.75	2.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	4720.83	4672.84	4718.87	4704.18	0.58	ppb
Zirconium	90-1	513.05	500.85	501.66	505.19	1.35	ppb
Zirconium	91-1	481.22	485.19	466.89	477.77	2.02	ppb

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : CCB004 Instrumnet Name : P8
 Client Sample ID : CCB004 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 17:32:25 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	0.92	1.08	1.02	8.54	ppb
Antimony	121-1	0.05	0.08	0.08	0.07	20.53	ppb
Arsenic	75-2	-0.05	-0.03	-0.05	-0.04		ppb
Barium	135-1	0.09	0.10	0.09	0.09	9.79	ppb
Barium	137-1	0.09	0.04	0.05	0.06	43.89	ppb
Beryllium	9-1	0.02	0.00	0.03	0.02	89.30	ppb
Bismuth	209-1				97		%
Bismuth	209-2				87		%
Boron	10-1	33.73	32.78	34.29	33.60	2.27	ppb
Boron	11-1	35.44	34.82	34.85	35.03	1.00	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.00	0.01	0.00		ppb
Cadmium	106-1	-2.26	-0.90	-1.27	-1.47		ppb
Cadmium	108-1	-0.01	-0.24	-0.30	-0.18		ppb
Calcium	43-1	7.39	3.83	3.59	4.94	43.06	ppb
Calcium	44-1	12.84	9.07	10.24	10.72	17.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.08	-0.04	-0.07		ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	352.88	ppb
Copper	63-2	0.15	0.18	0.24	0.19	22.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	5.80	3.32	2.06	3.73	51.00	ppb
Iron	56-2	2.59	3.03	2.54	2.72	9.88	ppb
Iron	57-2	0.69	2.64	2.74	2.02	57.18	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:32:25	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.11	0.12	9.01	ppb
Lead	207-1	0.13	0.11	0.10	0.11	15.73	ppb
Lead	208-1	0.13	0.12	0.12	0.12	1.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	10.89	4.63	4.83	6.79	52.41	ppb
Manganese	55-2	0.08	0.10	0.07	0.09	16.83	ppb
Molybdenum	94-1	0.45	0.29	0.29	0.34	26.77	ppb
Molybdenum	95-1	0.35	0.37	0.21	0.31	28.24	ppb
Molybdenum	96-1	0.31	0.28	0.18	0.26	25.95	ppb
Molybdenum	97-1	0.33	0.23	0.19	0.25	28.89	ppb
Molybdenum	98-1	0.36	0.32	0.18	0.28	33.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.04	-0.06	-0.07		ppb
Phosphorus	31-2	14.52	-53.14	-20.00	-19.54		ppb
Potassium	39-2	23.22	4.21	18.35	15.26	64.71	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	0.06	0.74	-0.18	0.20	233.32	ppb
Selenium	77-2	0.09	0.07	-0.94	-0.26		ppb
Selenium	78-2	1.38	0.66	1.80	1.28	45.21	ppb
Silicon	28-1	-0.73	-1.10	-0.76	-0.86		ppb
Silver	107-1	0.03	0.03	0.02	0.03	16.60	ppb
Silver	109-1	0.05	0.04	0.03	0.04	13.54	ppb
Sodium	23-2	35.92	33.98	30.05	33.32	8.98	ppb
Strontium	86-1	0.18	0.06	0.23	0.15	56.13	ppb
Strontium	88-1	0.17	0.17	0.14	0.16	9.70	ppb
Sulfur	34-1	-503.17	-698.17	-336.76	-512.70		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	-0.06	-0.05	-0.07	-0.06		ppb
Thallium	205-1	-0.06	-0.05	-0.05	-0.05		ppb
Tin	118-1	0.01	0.07	-0.01	0.02	191.94	ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:32:25	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.22	0.13	0.24	0.20	30.71	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	16.56	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	23.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	0.27	0.15	0.18	0.20	31.09	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	32.03	ppb
Zirconium	91-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 13:51:10	DataFile Name :	003SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206	229	201	212	6.91	cps
Antimony	121-1	333	325	250	303	15.16	cps
Arsenic	75-2	42	42	42	42	0.00	cps
Barium	135-1	83	108	125	106	19.86	cps
Barium	137-1	192	108	183	161	28.49	cps
Beryllium	9-1	224	220	214	219	2.30	cps
Bismuth	209-1	3118304	3102863	3120180	3113782	0.31	cps
Bismuth	209-2	1581451	1597567	1706343	1628454	4.17	cps
Boron	10-1	1016	1020	1060	1032	2.36	cps
Boron	11-1	4934	4920	4834	4896	1.11	cps
Bromine	81-1	25871	24537	24346	24918	3.33	cps
Cadmium	111-1	100	33	84	72	48.43	cps
Cadmium	106-1	2850	2292	2592	2578	10.84	cps
Cadmium	108-1	171	221	204	199	12.82	cps
Calcium	43-1	462	484	487	478	2.82	cps
Calcium	44-1	18941	18145	18357	18481	2.23	cps
Carbon	12-1	4673054	4847599	4773244	4764632	1.84	cps
Carbon	12-2	53372	53264	54025	53554	0.77	cps
Chlorine	35-1	3282088	3463359	3666359	3470602	5.54	cps
Chlorine	35-2	32387	32220	31919	32175	0.74	cps
Chromium	52-2	680	743	810	744	8.73	cps
Cobalt	59-2	227	143	163	178	24.47	cps
Copper	63-2	1203	1163	1203	1190	1.94	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	33	75	8	39	86.61	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-1	25	58	42	42	40.00	cps
Gadolinium	160-2	63	77	63	68	11.36	cps
Holmium	165-1	5310346	5216579	5288207	5271711	0.93	cps
Holmium	165-2	2589590	2607508	2592345	2596481	0.37	cps
Indium	115-1	4782997	4848430	4819422	4816950	0.68	cps
Indium	115-2	894060	892207	898645	894971	0.37	cps
Iron	54-2	1428	1083	1211	1241	14.03	cps
Iron	56-2	14574	14096	13929	14200	2.36	cps
Iron	57-2	483	511	478	491	3.64	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE093 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 13:51:10 DataFile Name : 003SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	630	727	656	9.52	cps
Lead	206-1	1050	1056	1056	1054	0.30	cps
Lead	207-1	811	1006	883	900	10.92	cps
Lead	208-1	4200	4161	4056	4139	1.81	cps
Lithium	6-1	1917805	1888403	1950201	1918803	1.61	cps
Magnesium	24-2	1150	1117	1408	1225	13.03	cps
Manganese	55-2	200	190	213	201	5.82	cps
Molybdenum	94-1	633	700	717	683	6.45	cps
Molybdenum	95-1	900	950	917	922	2.76	cps
Molybdenum	96-1	1258	1083	1425	1256	13.61	cps
Molybdenum	97-1	567	633	500	567	11.76	cps
Molybdenum	98-1	1467	1425	1483	1458	2.06	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	327	253	220	267	20.46	cps
Phosphorus	31-2	400	375	483	419	13.52	cps
Potassium	39-2	21608	22159	21566	21778	1.52	cps
Rhodium	103-1	4671467	4727590	4697723	4698926	0.60	cps
Rhodium	103-2	2297296	2297210	2308515	2301007	0.28	cps
Scandium	45-1	3534417	3581925	3581532	3565958	0.77	cps
Scandium	45-2	146486	149793	150143	148807	1.36	cps
Selenium	82-1	42	47	-63	9	720.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	98	79	62	80	22.60	cps
Silicon	28-1	587216	593910	599300	593475	1.02	cps
Silver	107-1	125	58	192	125	53.34	cps
Silver	109-1	117	108	125	117	7.14	cps
Sodium	23-2	16218	14833	14708	15253	5.49	cps
Strontium	86-1	1450	1050	1092	1197	18.37	cps
Strontium	88-1	1658	1458	1333	1483	11.05	cps
Sulfur	34-1	312324	306092	305971	308129	1.18	cps
Terbium	159-1	5607774	5731600	5466775	5602050	2.37	cps
Terbium	159-2	2633943	2576679	2628103	2612908	1.21	cps
Thallium	203-1	1884	2259	2125	2089	9.10	cps
Thallium	205-1	4409	5118	5009	4846	7.88	cps
Tin	118-1	792	908	933	878	8.61	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 13:51:10	DataFile Name :	003SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	283	217	244	14.19	cps
Uranium	238-1	325	367	350	347	6.04	cps
Vanadium	51-2	30	57	77	54	43.00	cps
Ytterbium	172-1	58	58	58	58	0.00	cps
Ytterbium	172-2	17	22	33	24	35.24	cps
Ytterbium	176-1	800	708	775	761	6.23	cps
Ytterbium	176-2	4040	3962	4223	4075	3.29	cps
Yttrium	89-1	7270831	7360056	7428064	7352984	1.07	cps
Yttrium	89-2	963005	961654	967623	964094	0.32	cps
Zinc	66-2	203	173	227	201	13.29	cps
Zirconium	90-1	683	550	733	656	14.46	cps
Zirconium	91-1	150	183	92	142	32.75	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:22:16	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94	87	76	86	10.33	cps
Antimony	121-1	25	67	25	39	61.86	cps
Arsenic	75-2	6	9	11	9	29.04	cps
Barium	135-1	25	8	8	14	69.31	cps
Barium	137-1	58	50	108	72	43.69	cps
Beryllium	9-1	92	80	76	83	10.07	cps
Bismuth	209-1	3042705	3084335	2890941	3005994	3.39	cps
Bismuth	209-2	1700866	1695563	1752098	1716176	1.82	cps
Boron	10-1	622	524	602	583	8.89	cps
Boron	11-1	2714	2690	2672	2692	0.78	cps
Bromine	81-1	23203	23454	23143	23267	0.71	cps
Cadmium	111-1	68	65	46	60	20.35	cps
Cadmium	106-1	1859	1834	1809	1834	1.36	cps
Cadmium	108-1	21	38	46	35	36.66	cps
Calcium	43-1	302	304	299	302	0.86	cps
Calcium	44-1	14832	15379	14868	15026	2.03	cps
Carbon	12-1	4132051	4245125	4096057	4157744	1.87	cps
Carbon	12-2	44736	45981	44895	45204	1.50	cps
Chlorine	35-1	392212	392076	395710	393333	0.52	cps
Chlorine	35-2	3551	3409	3609	3523	2.92	cps
Chromium	52-2	707	710	697	704	0.99	cps
Cobalt	59-2	97	67	73	79	19.97	cps
Copper	63-2	617	660	603	627	4.73	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	17	0	10	9	94.38	cps
Gadolinium	160-1	75	42	50	56	31.22	cps
Gadolinium	160-2	67	60	43	57	21.21	cps
Holmium	165-1	5330605	5373491	5060481	5254859	3.23	cps
Holmium	165-2	2595002	2568662	2628639	2597435	1.16	cps
Indium	115-1	4734414	4732631	4633884	4700310	1.22	cps
Indium	115-2	898198	901768	900657	900208	0.20	cps
Iron	54-2	639	550	561	583	8.30	cps
Iron	56-2	3623	3539	3517	3560	1.56	cps
Iron	57-2	267	278	283	276	3.08	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:22:16	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	607	717	650	9.01	cps
Lead	206-1	517	533	428	493	11.52	cps
Lead	207-1	456	428	400	428	6.49	cps
Lead	208-1	1889	1989	1795	1891	5.14	cps
Lithium	6-1	1922135	1964432	1926308	1937625	1.20	cps
Magnesium	24-2	258	458	375	364	27.61	cps
Manganese	55-2	80	77	60	72	14.84	cps
Molybdenum	94-1	167	200	200	189	10.19	cps
Molybdenum	95-1	92	67	25	61	55.11	cps
Molybdenum	96-1	225	300	167	231	28.99	cps
Molybdenum	97-1	67	58	58	61	7.88	cps
Molybdenum	98-1	167	125	75	122	37.55	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	157	150	163	157	4.26	cps
Phosphorus	31-2	342	358	358	353	2.73	cps
Potassium	39-2	21817	22101	22051	21989	0.69	cps
Rhodium	103-1	4686358	4566068	4620565	4624330	1.30	cps
Rhodium	103-2	2305069	2296911	2309460	2303813	0.28	cps
Scandium	45-1	3620492	3522474	3514558	3552508	1.66	cps
Scandium	45-2	151015	153731	150454	151734	1.16	cps
Selenium	82-1	18	42	-88	-9	-740.38	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	84	77	85	82	5.32	cps
Silicon	28-1	609060	606321	611713	609032	0.44	cps
Silver	107-1	58	92	58	69	27.71	cps
Silver	109-1	50	50	25	42	34.64	cps
Sodium	23-2	12873	12881	13740	13165	3.79	cps
Strontium	86-1	1100	950	1042	1031	7.34	cps
Strontium	88-1	58	108	142	103	40.81	cps
Sulfur	34-1	316887	316143	315219	316083	0.26	cps
Terbium	159-1	5365596	5387192	5446286	5399691	0.77	cps
Terbium	159-2	2587573	2657757	2628888	2624739	1.34	cps
Thallium	203-1	542	425	575	514	15.33	cps
Thallium	205-1	992	1158	1267	1139	12.16	cps
Tin	118-1	567	525	442	511	12.45	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:22:16	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	183	150	186	20.19	cps
Uranium	238-1	33	8	58	33	75.02	cps
Vanadium	51-2	3	13	0	6	124.93	cps
Ytterbium	172-1	50	25	33	36	35.25	cps
Ytterbium	172-2	0	0	6	2	173.21	cps
Ytterbium	176-1	717	725	608	683	9.53	cps
Ytterbium	176-2	4095	4034	4184	4104	1.84	cps
Yttrium	89-1	7293413	7312426	7159403	7255080	1.15	cps
Yttrium	89-2	983377	990006	986128	986504	0.34	cps
Zinc	66-2	123	97	117	112	12.37	cps
Zirconium	90-1	433	350	450	411	13.03	cps
Zirconium	91-1	158	133	100	131	22.42	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 14:28:26 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	936	985	947	956	2.67	cps
Antimony	121-1	7852	7561	7727	7714	1.90	cps
Arsenic	75-2	164	164	140	156	8.88	cps
Barium	135-1	10188	9921	10062	10057	1.33	cps
Barium	137-1	17487	17879	17745	17704	1.13	cps
Beryllium	9-1	1190	1152	1334	1225	7.84	cps
Bismuth	209-1	3008639	3085879	3152331	3082283	2.33	cps
Bismuth	209-2	1536973	1578767	1722761	1612834	6.04	cps
Boron	10-1	2786	2862	3200	2949	7.47	cps
Boron	11-1	12927	13896	14116	13646	4.63	cps
Bromine	81-1	22822	22752	22201	22592	1.51	cps
Cadmium	111-1	975	927	895	932	4.31	cps
Cadmium	106-1	2059	2042	1842	1981	6.09	cps
Cadmium	108-1	125	133	179	146	20.00	cps
Calcium	43-1	7475	7381	7609	7488	1.53	cps
Calcium	44-1	129834	132007	131045	130962	0.83	cps
Carbon	12-1	4314486	4220446	4318375	4284436	1.29	cps
Carbon	12-2	45212	45630	46374	45739	1.29	cps
Chlorine	35-1	340431	335820	334941	337064	0.87	cps
Chlorine	35-2	3209	3275	3134	3206	2.21	cps
Chromium	52-2	3787	3874	3564	3742	4.28	cps
Cobalt	59-2	2554	2604	2727	2628	3.40	cps
Copper	63-2	4274	4627	4477	4460	3.98	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	47	67	60	58	17.62	cps
Holmium	165-1	5184329	5278439	5480390	5314386	2.85	cps
Holmium	165-2	2504159	2550338	2726576	2593691	4.53	cps
Indium	115-1	4843795	4808342	4877508	4843215	0.71	cps
Indium	115-2	883020	892933	922485	899480	2.28	cps
Iron	54-2	3712	4078	3878	3889	4.72	cps
Iron	56-2	64290	63073	62587	63317	1.39	cps
Iron	57-2	1667	1850	1739	1752	5.27	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:28:26	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	793	653	690	13.15	cps
Lead	206-1	2939	2889	2695	2841	4.55	cps
Lead	207-1	2556	2456	2650	2554	3.81	cps
Lead	208-1	11997	11908	12203	12036	1.26	cps
Lithium	6-1	1937743	1943763	1967457	1949654	0.81	cps
Magnesium	24-2	65372	63305	62594	63757	2.26	cps
Manganese	55-2	900	910	920	910	1.10	cps
Molybdenum	94-1	9112	10004	8911	9342	6.23	cps
Molybdenum	95-1	11297	11322	11147	11255	0.84	cps
Molybdenum	96-1	13123	12322	12623	12689	3.19	cps
Molybdenum	97-1	7160	7135	7002	7099	1.20	cps
Molybdenum	98-1	17904	19139	17595	18212	4.49	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	857	827	847	843	1.81	cps
Phosphorus	31-2	433	450	467	450	3.70	cps
Potassium	39-2	73998	73060	71729	72929	1.56	cps
Rhodium	103-1	4679631	4687847	4749926	4705801	0.82	cps
Rhodium	103-2	2274069	2290707	2347004	2303927	1.66	cps
Scandium	45-1	3563132	3672070	3652393	3629198	1.60	cps
Scandium	45-2	151808	148604	153747	151387	1.72	cps
Selenium	82-1	406	275	387	356	19.93	cps
Selenium	77-2	13	20	27	20	33.35	cps
Selenium	78-2	146	131	155	144	8.42	cps
Silicon	28-1	648840	643278	642395	644838	0.54	cps
Silver	107-1	4551	5093	5159	4934	6.76	cps
Silver	109-1	4392	4351	5126	4623	9.43	cps
Sodium	23-2	130635	131728	134081	132148	1.33	cps
Strontium	86-1	2692	2725	2484	2634	4.97	cps
Strontium	88-1	13407	12856	12564	12942	3.31	cps
Sulfur	34-1	314068	313591	317840	315167	0.74	cps
Terbium	159-1	5640122	5667284	5705979	5671128	0.58	cps
Terbium	159-2	2543740	2666371	2658816	2622975	2.62	cps
Thallium	203-1	3367	3551	3701	3539	4.72	cps
Thallium	205-1	8903	8686	8670	8753	1.49	cps
Tin	118-1	18012	18421	17370	17934	2.95	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:28:26	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3417	4042	3692	3717	8.43	cps
Uranium	238-1	9712	9437	9546	9565	1.45	cps
Vanadium	51-2	6055	6255	6161	6157	1.63	cps
Ytterbium	172-1	17	25	58	33	66.14	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	558	567	550	558	1.49	cps
Ytterbium	176-2	3484	4134	4362	3993	11.41	cps
Yttrium	89-1	7398361	7261621	7476567	7378850	1.47	cps
Yttrium	89-2	958202	987766	984137	976702	1.65	cps
Zinc	66-2	567	643	620	610	6.44	cps
Zirconium	90-1	8219	8078	7819	8039	2.53	cps
Zirconium	91-1	1700	1950	1733	1795	7.57	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 14:31:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52228	52292	51967	52162	0.33	cps
Antimony	121-1	199205	204549	200168	201307	1.41	cps
Arsenic	75-2	7440	7642	7381	7487	1.83	cps
Barium	135-1	265228	271380	270283	268964	1.22	cps
Barium	137-1	464388	461409	460268	462022	0.46	cps
Beryllium	9-1	57637	58730	58146	58171	0.94	cps
Bismuth	209-1	3054705	2970781	2959953	2995146	1.73	cps
Bismuth	209-2	1591726	1691457	1602993	1628725	3.35	cps
Boron	10-1	9579	10424	11584	10529	9.56	cps
Boron	11-1	43564	48193	52349	48035	9.15	cps
Bromine	81-1	23574	23324	22402	23100	2.67	cps
Cadmium	111-1	49777	49502	49731	49670	0.30	cps
Cadmium	106-1	7360	7344	7544	7416	1.50	cps
Cadmium	108-1	4267	3955	3884	4035	5.06	cps
Calcium	43-1	81002	81917	82284	81734	0.81	cps
Calcium	44-1	1360851	1391232	1426075	1392720	2.34	cps
Carbon	12-1	4394007	4445514	4524343	4454621	1.47	cps
Carbon	12-2	48297	48866	48104	48422	0.82	cps
Chlorine	35-1	308406	311288	300382	306692	1.84	cps
Chlorine	35-2	2884	2809	2950	2881	2.46	cps
Chromium	52-2	81735	80181	80529	80815	1.01	cps
Cobalt	59-2	133628	136488	135261	135126	1.06	cps
Copper	63-2	1000512	997962	982093	993522	1.00	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	50	8	42	33	66.15	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	50	63	37	50	26.66	cps
Holmium	165-1	5372297	5301628	5375607	5349844	0.78	cps
Holmium	165-2	2631687	2643158	2560073	2611639	1.72	cps
Indium	115-1	4970402	4815290	4772723	4852805	2.14	cps
Indium	115-2	898777	905897	900448	901708	0.41	cps
Iron	54-2	179662	180610	176785	179019	1.11	cps
Iron	56-2	3429502	3401226	3414648	3415125	0.41	cps
Iron	57-2	81292	79147	79158	79866	1.55	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:31:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	567	623	586	5.59	cps
Lead	206-1	671065	696276	665192	677511	2.44	cps
Lead	207-1	574481	592147	592263	586297	1.75	cps
Lead	208-1	2655006	2735799	2709096	2699967	1.52	cps
Lithium	6-1	1950075	1993927	1940550	1961517	1.45	cps
Magnesium	24-2	666151	696665	673716	678844	2.34	cps
Manganese	55-2	431454	435209	428270	431644	0.80	cps
Molybdenum	94-1	875656	881467	893803	883642	1.05	cps
Molybdenum	95-1	1263250	1265925	1258078	1262417	0.32	cps
Molybdenum	96-1	1437738	1472358	1455732	1455276	1.19	cps
Molybdenum	97-1	765922	787368	781213	778168	1.42	cps
Molybdenum	98-1	2114138	2059201	2140940	2104760	1.98	cps
Neodymium	150-1	13	40	20	24	56.78	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	36514	37125	35508	36382	2.24	cps
Phosphorus	31-2	3209	3067	3117	3131	2.30	cps
Potassium	39-2	303602	309711	302136	305150	1.32	cps
Rhodium	103-1	4883771	4727932	4699314	4770339	2.08	cps
Rhodium	103-2	2312943	2295388	2277868	2295400	0.76	cps
Scandium	45-1	3667396	3615889	3665656	3649647	0.80	cps
Scandium	45-2	150028	152853	152527	151802	1.02	cps
Selenium	82-1	4292	4330	4304	4308	0.45	cps
Selenium	77-2	180	240	183	201	16.77	cps
Selenium	78-2	616	662	693	657	5.90	cps
Silicon	28-1	2833240	2853671	2877128	2854680	0.77	cps
Silver	107-1	263507	267616	269813	266978	1.20	cps
Silver	109-1	255067	260853	257486	257802	1.13	cps
Sodium	23-2	1364474	1402467	1362733	1376558	1.63	cps
Strontium	86-1	791599	808624	801041	800421	1.07	cps
Strontium	88-1	7016014	7096594	7123777	7078795	0.79	cps
Sulfur	34-1	346249	342411	342522	343727	0.64	cps
Terbium	159-1	5734483	5618236	5642642	5665120	1.08	cps
Terbium	159-2	2541149	2641534	2650294	2610992	2.32	cps
Thallium	203-1	169186	173020	170161	170789	1.17	cps
Thallium	205-1	399768	407591	392632	399997	1.87	cps
Tin	118-1	180061	179163	180571	179932	0.40	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:31:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	396636	405677	403858	402057	1.19	cps
Uranium	238-1	508702	505855	499537	504698	0.93	cps
Vanadium	51-2	67113	65667	65871	66217	1.18	cps
Ytterbium	172-1	17	25	58	33	66.13	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	1275	1442	1400	1372	6.32	cps
Ytterbium	176-2	4017	4251	4334	4201	3.91	cps
Yttrium	89-1	7501303	7435285	7387967	7441518	0.76	cps
Yttrium	89-2	989342	962734	965352	972476	1.51	cps
Zinc	66-2	121528	122018	120069	121205	0.84	cps
Zirconium	90-1	420770	431784	418174	423576	1.71	cps
Zirconium	91-1	93338	94890	93473	93900	0.92	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 14:34:34 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	126083	126326	126359	126256	0.12	cps
Antimony	121-1	493489	503118	497599	498069	0.97	cps
Arsenic	75-2	18373	18395	17956	18241	1.35	cps
Barium	135-1	674418	690562	682869	682616	1.18	cps
Barium	137-1	1163305	1172775	1169403	1168495	0.41	cps
Beryllium	9-1	142837	148767	145641	145748	2.04	cps
Bismuth	209-1	3137125	3097019	3135620	3123255	0.73	cps
Bismuth	209-2	1673799	1561400	1698021	1644407	4.43	cps
Boron	10-1	24379	26214	28037	26210	6.98	cps
Boron	11-1	110708	123620	128709	121012	7.67	cps
Bromine	81-1	22501	22862	23223	22862	1.58	cps
Cadmium	111-1	121721	126379	125957	124686	2.07	cps
Cadmium	106-1	16394	16936	16335	16555	2.00	cps
Cadmium	108-1	10500	10379	10221	10367	1.35	cps
Calcium	43-1	202479	205363	202935	203592	0.76	cps
Calcium	44-1	3398060	3372465	3441143	3403889	1.02	cps
Carbon	12-1	4535186	4584414	4720208	4613269	2.08	cps
Carbon	12-2	49409	51684	50646	50580	2.25	cps
Chlorine	35-1	296452	292865	295897	295071	0.65	cps
Chlorine	35-2	2784	2792	2750	2775	0.79	cps
Chromium	52-2	199309	201431	198182	199641	0.83	cps
Cobalt	59-2	333504	333129	328420	331684	0.85	cps
Copper	63-2	2631096	2600428	2553132	2594885	1.51	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Erbium	164-1	83	42	50	58	37.80	cps
Erbium	164-2	23	17	17	19	20.36	cps
Gadolinium	160-1	50	83	58	64	27.15	cps
Gadolinium	160-2	77	77	73	76	2.55	cps
Holmium	165-1	5350375	5407424	5416902	5391567	0.67	cps
Holmium	165-2	2603241	2593303	2575072	2590538	0.55	cps
Indium	115-1	4968782	4917030	4955133	4946982	0.54	cps
Indium	115-2	881585	877315	872173	877024	0.54	cps
Iron	54-2	451376	439540	443221	444713	1.36	cps
Iron	56-2	8427105	8644460	8343067	8471544	1.84	cps
Iron	57-2	199136	193083	195864	196028	1.55	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:34:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	630	640	707	659	6.33	cps
Lead	206-1	1869549	1906426	1879420	1885132	1.01	cps
Lead	207-1	1489431	1517362	1508911	1505235	0.95	cps
Lead	208-1	7309984	7326436	7343373	7326598	0.23	cps
Lithium	6-1	2014690	1996076	2017841	2009536	0.59	cps
Magnesium	24-2	1922412	1731506	1750534	1801484	5.84	cps
Manganese	55-2	1090700	1080345	1063862	1078302	1.26	cps
Molybdenum	94-1	2320509	2317180	2267302	2301664	1.29	cps
Molybdenum	95-1	3309585	3257242	3268149	3278325	0.84	cps
Molybdenum	96-1	3581778	3556230	3698144	3612051	2.09	cps
Molybdenum	97-1	2069100	1970002	2017380	2018827	2.46	cps
Molybdenum	98-1	5264307	5130927	5090365	5161866	1.76	cps
Neodymium	150-1	67	80	40	62	32.73	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	87850	88000	89322	88391	0.92	cps
Phosphorus	31-2	6935	7285	6860	7027	3.23	cps
Potassium	39-2	733356	738016	730694	734022	0.50	cps
Rhodium	103-1	4743935	4828282	4581284	4717834	2.66	cps
Rhodium	103-2	2225727	2285429	2206544	2239233	1.84	cps
Scandium	45-1	3729219	3602373	3743226	3691606	2.10	cps
Scandium	45-2	147868	148295	148817	148327	0.32	cps
Selenium	82-1	10640	10610	10316	10522	1.70	cps
Selenium	77-2	387	453	437	426	8.15	cps
Selenium	78-2	1605	1494	1569	1556	3.64	cps
Silicon	28-1	6271732	6299103	6152009	6240948	1.25	cps
Silver	107-1	663976	687017	675247	675414	1.71	cps
Silver	109-1	638888	645408	640966	641754	0.52	cps
Sodium	23-2	3454226	3263398	3382485	3366703	2.86	cps
Strontium	86-1	2068111	2076063	2049940	2064705	0.65	cps
Strontium	88-1	17380995	17795514	17374635	17517048	1.38	cps
Sulfur	34-1	380967	381940	379082	380663	0.38	cps
Terbium	159-1	5568861	5796061	5654048	5672990	2.02	cps
Terbium	159-2	2666754	2571482	2570018	2602751	2.13	cps
Thallium	203-1	431615	438014	429587	433072	1.02	cps
Thallium	205-1	994249	1020657	1001781	1005562	1.35	cps
Tin	118-1	458241	449983	445809	451344	1.40	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:34:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1012364	1010383	1014738	1012495	0.22	cps
Uranium	238-1	1272569	1320433	1275253	1289418	2.09	cps
Vanadium	51-2	162929	162943	159882	161918	1.09	cps
Ytterbium	172-1	42	50	50	47	10.18	cps
Ytterbium	172-2	17	11	0	9	91.66	cps
Ytterbium	176-1	2542	2442	2300	2428	5.00	cps
Ytterbium	176-2	4762	5001	4912	4892	2.47	cps
Yttrium	89-1	7355122	7607798	7436173	7466364	1.73	cps
Yttrium	89-2	957912	952160	950853	953642	0.39	cps
Zinc	66-2	297153	292826	285091	291690	2.09	cps
Zirconium	90-1	1038190	1087698	1060513	1062134	2.33	cps
Zirconium	91-1	232581	237320	234995	234965	1.01	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:37:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250112	250894	249163	250056	0.35	cps
Antimony	121-1	1007882	1015265	1022024	1015057	0.70	cps
Arsenic	75-2	36701	36770	36352	36608	0.61	cps
Barium	135-1	1344098	1365971	1359823	1356631	0.83	cps
Barium	137-1	2450371	2395477	2372368	2406072	1.67	cps
Beryllium	9-1	287761	293890	295211	292287	1.36	cps
Bismuth	209-1	3275110	3189172	3161360	3208548	1.85	cps
Bismuth	209-2	1589657	1579579	1712749	1627328	4.56	cps
Boron	10-1	48998	54366	57521	53628	8.04	cps
Boron	11-1	223101	246813	261370	243761	7.92	cps
Bromine	81-1	20847	23133	21930	21970	5.20	cps
Cadmium	111-1	243828	244371	244769	244323	0.19	cps
Cadmium	106-1	30451	31069	31178	30899	1.27	cps
Cadmium	108-1	20440	21058	19660	20386	3.44	cps
Calcium	43-1	406971	407467	405722	406720	0.22	cps
Calcium	44-1	6591595	6653518	6703483	6649532	0.84	cps
Carbon	12-1	4664065	4944096	4897926	4835362	3.10	cps
Carbon	12-2	56225	54126	54008	54787	2.28	cps
Chlorine	35-1	311962	303684	296732	304126	2.51	cps
Chlorine	35-2	2575	2484	2425	2495	3.03	cps
Chromium	52-2	396243	393210	395936	395130	0.42	cps
Cobalt	59-2	663469	653043	668572	661695	1.20	cps
Copper	63-2	5110573	5226520	5066682	5134591	1.61	cps
Dysprosium	156-1	42	75	58	58	28.57	cps
Dysprosium	156-2	10	33	20	21	55.45	cps
Erbium	164-1	17	67	50	44	57.28	cps
Erbium	164-2	43	27	17	29	46.62	cps
Gadolinium	160-1	108	92	50	83	36.06	cps
Gadolinium	160-2	53	90	83	76	25.85	cps
Holmium	165-1	5631857	5540803	5474529	5549063	1.42	cps
Holmium	165-2	2590606	2560516	2708086	2619736	2.98	cps
Indium	115-1	4980025	4928880	4914493	4941133	0.70	cps
Indium	115-2	887459	880680	901088	889742	1.17	cps
Iron	54-2	874084	882753	903502	886780	1.70	cps
Iron	56-2	16889358	17316245	16702903	16969502	1.85	cps
Iron	57-2	403684	391377	393014	396025	1.69	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:37:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	633	650	653	3.35	cps
Lead	206-1	3769895	3858621	3846340	3824952	1.26	cps
Lead	207-1	3241392	3280943	3286170	3269502	0.75	cps
Lead	208-1	15040339	15049769	14996379	15028829	0.19	cps
Lithium	6-1	2072376	1969388	2049099	2030288	2.66	cps
Magnesium	24-2	3578095	3530626	3518614	3542445	0.89	cps
Manganese	55-2	2278118	2287076	2305940	2290378	0.62	cps
Molybdenum	94-1	4542378	4464845	4511171	4506131	0.87	cps
Molybdenum	95-1	6581375	6472081	6453908	6502455	1.06	cps
Molybdenum	96-1	7148489	7136825	7079055	7121457	0.52	cps
Molybdenum	97-1	4060017	4071574	4038970	4056854	0.41	cps
Molybdenum	98-1	10441903	10431197	10319585	10397562	0.65	cps
Neodymium	150-1	87	107	87	93	12.37	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	177411	176737	173255	175801	1.27	cps
Phosphorus	31-2	13982	13498	13732	13737	1.76	cps
Potassium	39-2	1519214	1506912	1493888	1506671	0.84	cps
Rhodium	103-1	4763430	4784773	4777636	4775280	0.23	cps
Rhodium	103-2	2253680	2315691	2276607	2281993	1.37	cps
Scandium	45-1	3747324	3634064	3755029	3712139	1.82	cps
Scandium	45-2	153775	151119	149093	151329	1.55	cps
Selenium	82-1	20489	20790	20717	20665	0.76	cps
Selenium	77-2	930	847	763	847	9.84	cps
Selenium	78-2	3010	2925	3004	2979	1.59	cps
Silicon	28-1	11396770	11924241	11726108	11682373	2.28	cps
Silver	107-1	1330338	1346659	1324166	1333721	0.87	cps
Silver	109-1	1266921	1277449	1279760	1274710	0.54	cps
Sodium	23-2	6862828	6706141	6635850	6734940	1.73	cps
Strontium	86-1	4126834	4146871	4042633	4105446	1.35	cps
Strontium	88-1	33974928	34684895	34696071	34451964	1.20	cps
Sulfur	34-1	432182	443856	436800	437613	1.34	cps
Terbium	159-1	5808609	5828881	5801954	5813148	0.24	cps
Terbium	159-2	2636005	2648450	2683871	2656109	0.94	cps
Thallium	203-1	863923	877035	881123	874027	1.03	cps
Thallium	205-1	2113204	2144192	2210536	2155977	2.31	cps
Tin	118-1	915534	924911	910897	917114	0.78	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:37:40	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2059093	2096489	2121910	2092497	1.51	cps
Uranium	238-1	2774073	2759688	2751625	2761795	0.41	cps
Vanadium	51-2	329426	325521	327609	327518	0.60	cps
Ytterbium	172-1	42	33	25	33	25.01	cps
Ytterbium	172-2	28	6	28	20	62.97	cps
Ytterbium	176-1	4159	4476	4134	4256	4.48	cps
Ytterbium	176-2	5629	5690	5963	5761	3.08	cps
Yttrium	89-1	7538983	7562091	7557009	7552695	0.16	cps
Yttrium	89-2	965425	965567	980960	970650	0.92	cps
Zinc	66-2	575101	590066	596973	587380	1.90	cps
Zirconium	90-1	2262790	2223774	2247704	2244756	0.88	cps
Zirconium	91-1	476328	479856	471971	476052	0.83	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 14:40:43 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	504014	495754	484921	494896	1.93	cps
Antimony	121-1	2119992	2117975	2116787	2118251	0.08	cps
Arsenic	75-2	73023	73375	71409	72602	1.44	cps
Barium	135-1	2846082	2893928	2888931	2876314	0.91	cps
Barium	137-1	4740327	4677665	4895425	4771139	2.35	cps
Beryllium	9-1	578703	587224	588950	584959	0.94	cps
Bismuth	209-1	3213486	3257266	3161263	3210671	1.50	cps
Bismuth	209-2	1678485	1575780	1561494	1605253	3.98	cps
Boron	10-1	100627	112012	117341	109993	7.76	cps
Boron	11-1	478002	514435	531858	508098	5.41	cps
Bromine	81-1	21118	21529	20988	21211	1.33	cps
Cadmium	111-1	487702	483301	491862	487622	0.88	cps
Cadmium	106-1	58542	59563	59169	59091	0.87	cps
Cadmium	108-1	39912	40643	38838	39798	2.28	cps
Calcium	43-1	800372	811433	817394	809733	1.07	cps
Calcium	44-1	13264434	13495048	13573105	13444196	1.19	cps
Carbon	12-1	5412915	5421497	5571647	5468686	1.63	cps
Carbon	12-2	64543	62777	64408	63909	1.54	cps
Chlorine	35-1	283364	284102	285360	284276	0.35	cps
Chlorine	35-2	2509	2575	2467	2517	2.17	cps
Chromium	52-2	792032	776671	764385	777696	1.78	cps
Cobalt	59-2	1410440	1305845	1291192	1335826	4.87	cps
Copper	63-2	10077362	9985272	10004368	10022334	0.48	cps
Dysprosium	156-1	92	125	75	97	26.19	cps
Dysprosium	156-2	50	77	53	60	24.22	cps
Erbium	164-1	92	117	100	103	12.39	cps
Erbium	164-2	33	23	37	31	22.31	cps
Gadolinium	160-1	183	100	75	119	47.49	cps
Gadolinium	160-2	97	73	113	94	21.28	cps
Holmium	165-1	5579493	5436798	5525790	5514027	1.31	cps
Holmium	165-2	2660023	2636028	2502792	2599614	3.26	cps
Indium	115-1	4985165	4938413	4905076	4942885	0.81	cps
Indium	115-2	882769	875740	856417	871642	1.57	cps
Iron	54-2	1934530	1887661	1883832	1902008	1.48	cps
Iron	56-2	33050097	32903585	33413562	33122415	0.79	cps
Iron	57-2	782309	783272	774023	779868	0.65	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:40:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	553	617	667	612	9.28	cps
Lead	206-1	7427715	7301432	7475645	7401597	1.22	cps
Lead	207-1	6436866	6435412	6474885	6449054	0.35	cps
Lead	208-1	29505568	29658100	29796798	29653489	0.49	cps
Lithium	6-1	2043590	2043559	1991527	2026226	1.48	cps
Magnesium	24-2	7329298	6980572	6972451	7094107	2.87	cps
Manganese	55-2	4486358	4486421	4545540	4506106	0.76	cps
Molybdenum	94-1	8918332	8993651	9085123	8999035	0.93	cps
Molybdenum	95-1	12858421	13210260	13021445	13030042	1.35	cps
Molybdenum	96-1	14510012	14602159	14552246	14554806	0.32	cps
Molybdenum	97-1	8053099	8100092	8034932	8062708	0.42	cps
Molybdenum	98-1	21047822	20528497	20603935	20726752	1.35	cps
Neodymium	150-1	187	200	260	216	18.12	cps
Neodymium	150-2	30	10	10	17	69.28	cps
Nickel	60-2	349425	345366	343533	346108	0.87	cps
Phosphorus	31-2	26466	26174	26007	26216	0.89	cps
Potassium	39-2	2964802	2902222	2956983	2941336	1.16	cps
Rhodium	103-1	4684527	4639016	4600540	4641361	0.91	cps
Rhodium	103-2	2238346	2230324	2196575	2221749	1.00	cps
Scandium	45-1	3741289	3762860	3725303	3743151	0.50	cps
Scandium	45-2	153009	148193	150105	150436	1.61	cps
Selenium	82-1	40877	41053	41223	41051	0.42	cps
Selenium	77-2	1793	1833	1677	1768	4.61	cps
Selenium	78-2	5752	5624	5697	5691	1.13	cps
Silicon	28-1	22947614	22201060	22551849	22566841	1.66	cps
Silver	107-1	2736137	2816854	2756605	2769865	1.51	cps
Silver	109-1	2672493	2621246	2619686	2637808	1.14	cps
Sodium	23-2	13730541	13273590	13597034	13533722	1.74	cps
Strontium	86-1	8022754	8128071	8314612	8155145	1.81	cps
Strontium	88-1	69043624	70154883	71303543	70167350	1.61	cps
Sulfur	34-1	570922	566798	571410	569710	0.44	cps
Terbium	159-1	5798165	5923134	5839561	5853620	1.09	cps
Terbium	159-2	2656170	2628760	2556624	2613851	1.97	cps
Thallium	203-1	1835505	1882164	1839710	1852460	1.39	cps
Thallium	205-1	4224338	4213015	4219204	4218852	0.13	cps
Tin	118-1	1887742	1877093	1902184	1889006	0.67	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:40:43	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4103200	4137695	4168134	4136343	0.79	cps
Uranium	238-1	5539167	5408610	5753550	5567109	3.13	cps
Vanadium	51-2	650788	644542	636641	643990	1.10	cps
Ytterbium	172-1	58	42	25	42	40.00	cps
Ytterbium	172-2	17	17	22	19	17.30	cps
Ytterbium	176-1	8153	8395	8336	8294	1.52	cps
Ytterbium	176-2	7497	7613	7608	7573	0.87	cps
Yttrium	89-1	7562420	7588522	7542306	7564416	0.31	cps
Yttrium	89-2	965320	965138	949915	960124	0.92	cps
Zinc	66-2	1122301	1144661	1114357	1127106	1.39	cps
Zirconium	90-1	4344350	4397232	4412753	4384778	0.82	cps
Zirconium	91-1	939527	943116	942262	941635	0.20	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 14:43:49 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	998293	986766	985342	990134	0.72	cps
Antimony	121-1	4120182	4137333	4148043	4135186	0.34	cps
Arsenic	75-2	145603	145339	144591	145178	0.36	cps
Barium	135-1	5551769	5516600	5604082	5557484	0.79	cps
Barium	137-1	9397718	9385979	9534990	9439562	0.88	cps
Beryllium	9-1	1202497	1199024	1184649	1195390	0.79	cps
Bismuth	209-1	3130793	3118870	3110447	3120036	0.33	cps
Bismuth	209-2	1580437	1563367	1564641	1569482	0.61	cps
Boron	10-1	211599	222114	236751	223488	5.65	cps
Boron	11-1	924661	1006661	994067	975130	4.53	cps
Bromine	81-1	22752	22612	20897	22087	4.68	cps
Cadmium	111-1	940518	956467	947894	948293	0.84	cps
Cadmium	106-1	112643	112669	110728	112014	0.99	cps
Cadmium	108-1	78288	77546	78199	78011	0.52	cps
Calcium	43-1	1693279	1779624	1736076	1736326	2.49	cps
Calcium	44-1	26020507	27065967	26449443	26511973	1.98	cps
Carbon	12-1	6523496	6867308	6783289	6724698	2.67	cps
Carbon	12-2	76894	80278	80999	79390	2.76	cps
Chlorine	35-1	270079	268323	264263	267555	1.11	cps
Chlorine	35-2	2617	2325	2784	2575	9.01	cps
Chromium	52-2	1698931	1658014	1676185	1677710	1.22	cps
Cobalt	59-2	2745881	2777678	2761606	2761722	0.58	cps
Copper	63-2	19731769	19549256	19454663	19578562	0.72	cps
Dysprosium	156-1	208	300	208	239	22.15	cps
Dysprosium	156-2	110	90	93	98	10.96	cps
Erbium	164-1	92	92	108	97	9.90	cps
Erbium	164-2	77	53	60	63	18.98	cps
Gadolinium	160-1	208	233	158	200	19.09	cps
Gadolinium	160-2	143	113	163	140	17.98	cps
Holmium	165-1	5538560	5489018	5528268	5518615	0.47	cps
Holmium	165-2	2640184	2627106	2682890	2650060	1.10	cps
Indium	115-1	4867645	4796930	4833023	4832533	0.73	cps
Indium	115-2	870780	859212	870873	866955	0.77	cps
Iron	54-2	3794126	3790380	3765216	3783240	0.42	cps
Iron	56-2	67939885	66266679	67729789	67312118	1.35	cps
Iron	57-2	1715249	1667277	1692040	1691522	1.42	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:43:49	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	597	690	679	11.38	cps
Lead	206-1	14894398	14464538	14830749	14729895	1.58	cps
Lead	207-1	13037342	12635655	12728532	12800510	1.64	cps
Lead	208-1	59173893	58592359	59691094	59152449	0.93	cps
Lithium	6-1	2034169	2021179	1961354	2005567	1.94	cps
Magnesium	24-2	14175470	13771493	13602653	13849872	2.13	cps
Manganese	55-2	9176283	8841349	8988988	9002207	1.86	cps
Molybdenum	94-1	17437083	17589266	17470649	17498999	0.46	cps
Molybdenum	95-1	25574199	25848804	25748677	25723893	0.54	cps
Molybdenum	96-1	28484525	28573367	28691759	28583217	0.36	cps
Molybdenum	97-1	15686463	16029754	16115497	15943905	1.42	cps
Molybdenum	98-1	41064207	41636909	41156019	41285712	0.75	cps
Neodymium	150-1	320	360	320	333	6.93	cps
Neodymium	150-2	53	43	27	41	32.76	cps
Nickel	60-2	685469	680707	671584	679254	1.04	cps
Phosphorus	31-2	52847	51994	52161	52334	0.86	cps
Potassium	39-2	5897676	5659246	5827121	5794681	2.11	cps
Rhodium	103-1	4541011	4606462	4590339	4579270	0.74	cps
Rhodium	103-2	2184368	2214507	2203819	2200898	0.69	cps
Scandium	45-1	3574809	3797063	3642541	3671471	3.10	cps
Scandium	45-2	153202	152252	153252	152902	0.37	cps
Selenium	82-1	81159	80332	81480	80990	0.73	cps
Selenium	77-2	3611	3520	3350	3494	3.78	cps
Selenium	78-2	11627	11320	11240	11395	1.79	cps
Silicon	28-1	42281012	43315026	41966392	42520810	1.66	cps
Silver	107-1	5427974	5351524	5296351	5358616	1.23	cps
Silver	109-1	5078943	5123076	5030291	5077436	0.91	cps
Sodium	23-2	27268519	26180491	25730042	26393017	3.00	cps
Strontium	86-1	16127010	15851770	16275376	16084719	1.34	cps
Strontium	88-1	139398420	135219353	138486391	137701388	1.60	cps
Sulfur	34-1	827385	826500	829333	827740	0.18	cps
Terbium	159-1	5756006	5900395	5768101	5808167	1.38	cps
Terbium	159-2	2637154	2649545	2711152	2665951	1.49	cps
Thallium	203-1	3560112	3703619	3651375	3638369	2.00	cps
Thallium	205-1	8449309	8421068	8459291	8443223	0.23	cps
Tin	118-1	3666005	3624127	3692310	3660814	0.94	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:43:49	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7908843	8037790	8171645	8039426	1.63	cps
Uranium	238-1	11085555	11147700	11045616	11092957	0.46	cps
Vanadium	51-2	1407208	1384792	1361920	1384640	1.64	cps
Ytterbium	172-1	50	42	67	53	24.12	cps
Ytterbium	172-2	67	22	67	52	49.49	cps
Ytterbium	176-1	15835	15201	15526	15521	2.04	cps
Ytterbium	176-2	11144	11099	11622	11288	2.57	cps
Yttrium	89-1	7472603	7398542	7463344	7444830	0.54	cps
Yttrium	89-2	965369	974481	965365	968405	0.54	cps
Zinc	66-2	2398095	2368738	2371986	2379607	0.68	cps
Zirconium	90-1	8519081	8469462	8650057	8546200	1.09	cps
Zirconium	91-1	1961036	1944762	1983800	1963199	1.00	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P8
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 14:46:52 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5130606	5063725	4990725	5061685	1.38	cps
Antimony	121-1	4151	3767	3959	3959	4.84	cps
Arsenic	75-2	135	74	95	101	30.58	cps
Barium	135-1	3109	2809	3226	3048	7.06	cps
Barium	137-1	5935	4859	5009	5268	11.06	cps
Beryllium	9-1	852	864	852	856	0.81	cps
Bismuth	209-1	2952174	2980299	2861135	2931203	2.13	cps
Bismuth	209-2	1336029	1459276	1438727	1411344	4.68	cps
Boron	10-1	36831	33896	31131	33953	8.40	cps
Boron	11-1	170602	156049	141395	156015	9.36	cps
Bromine	81-1	21509	22171	22451	22044	2.19	cps
Cadmium	111-1	489	330	300	373	27.18	cps
Cadmium	106-1	2342	1909	2167	2139	10.19	cps
Cadmium	108-1	125	125	133	128	3.77	cps
Calcium	43-1	8138001	8173448	8198811	8170087	0.37	cps
Calcium	44-1	128802600	130382590	127281775	128822322	1.20	cps
Carbon	12-1	5030702	5067574	4887839	4995372	1.90	cps
Carbon	12-2	57772	60157	60417	59449	2.45	cps
Chlorine	35-1	256130	250306	252326	252921	1.17	cps
Chlorine	35-2	2109	2367	2475	2317	8.13	cps
Chromium	52-2	4387	4237	4344	4323	1.79	cps
Cobalt	59-2	6948	7242	6965	7052	2.34	cps
Copper	63-2	13792	11368	10467	11876	14.48	cps
Dysprosium	156-1	708	742	750	733	3.01	cps
Dysprosium	156-2	360	370	293	341	12.22	cps
Erbium	164-1	50	150	200	133	57.28	cps
Erbium	164-2	47	37	57	47	21.43	cps
Gadolinium	160-1	667	717	708	697	3.84	cps
Gadolinium	160-2	450	387	417	418	7.58	cps
Holmium	165-1	5563865	5544710	5523819	5544131	0.36	cps
Holmium	165-2	2427621	2678790	2598124	2568178	4.99	cps
Indium	115-1	4741657	4723769	4740633	4735353	0.21	cps
Indium	115-2	783470	852465	845269	827068	4.59	cps
Iron	54-2	17630694	17480414	17198968	17436692	1.26	cps
Iron	56-2	319411952	325276707	321159041	321949233	0.94	cps
Iron	57-2	8009673	7896521	7915117	7940437	0.76	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:46:52	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	740	687	701	4.86	cps
Lead	206-1	12091	10321	10488	10967	8.91	cps
Lead	207-1	9482	8881	9170	9178	3.27	cps
Lead	208-1	44326	41338	40848	42171	4.46	cps
Lithium	6-1	1979936	2008273	1950597	1979602	1.46	cps
Magnesium	24-2	69058239	67971158	65323614	67451004	2.85	cps
Manganese	55-2	7612	6342	6011	6655	12.70	cps
Molybdenum	94-1	12025	9562	8971	10186	15.90	cps
Molybdenum	95-1	15464	11005	10680	12383	21.59	cps
Molybdenum	96-1	22147	19559	18705	20137	8.90	cps
Molybdenum	97-1	9605	6477	6885	7656	22.21	cps
Molybdenum	98-1	21644	20454	15876	19325	15.76	cps
Neodymium	150-1	87	40	73	67	36.06	cps
Neodymium	150-2	23	10	20	18	39.03	cps
Nickel	60-2	2234	2124	2140	2166	2.74	cps
Phosphorus	31-2	283	358	517	386	30.85	cps
Potassium	39-2	28593865	28862478	28363624	28606656	0.87	cps
Rhodium	103-1	4395904	4416614	4270685	4361068	1.81	cps
Rhodium	103-2	1874742	2121271	2113881	2036631	6.89	cps
Scandium	45-1	3614949	3655158	3566164	3612090	1.23	cps
Scandium	45-2	135502	148969	147941	144137	5.20	cps
Selenium	82-1	127	112	134	124	9.02	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	70	82	88	80	11.46	cps
Silicon	28-1	1211260	1215475	1185609	1204114	1.34	cps
Silver	107-1	2675	1992	2134	2267	15.91	cps
Silver	109-1	2384	1900	1734	2006	16.84	cps
Sodium	23-2	132477245	133895424	130682686	132351785	1.22	cps
Strontium	86-1	19995	13882	14141	16006	21.60	cps
Strontium	88-1	131526	116212	118851	122196	6.70	cps
Sulfur	34-1	297874	295859	294721	296151	0.54	cps
Terbium	159-1	5920522	5711781	5562297	5731534	3.14	cps
Terbium	159-2	2436742	2606369	2617355	2553489	3.97	cps
Thallium	203-1	2134	1742	1667	1847	13.57	cps
Thallium	205-1	4434	4051	4201	4229	4.57	cps
Tin	118-1	3200	3109	3109	3139	1.69	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 14:46:52	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3001	3159	2284	2814	16.57	cps
Uranium	238-1	4126	3151	2875	3384	19.42	cps
Vanadium	51-2	827	527	563	639	25.62	cps
Ytterbium	172-1	75	67	50	64	19.92	cps
Ytterbium	172-2	28	50	39	39	28.57	cps
Ytterbium	176-1	800	725	683	736	8.03	cps
Ytterbium	176-2	3584	3962	4034	3860	6.26	cps
Yttrium	89-1	7558868	7449133	7391684	7466561	1.14	cps
Yttrium	89-2	880631	950801	944145	925192	4.19	cps
Zinc	66-2	6612	6505	6215	6444	3.19	cps
Zirconium	90-1	7227	6518	6527	6757	6.02	cps
Zirconium	91-1	1650	1558	1183	1464	16.89	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : ICV093 Instrumnet Name : P8
 Client Sample ID : ICV093 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 15:45:13 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24504	23716	24130	24117	1.63	cps
Antimony	121-1	792886	790323	781571	788260	0.75	cps
Arsenic	75-2	29921	30161	29594	29892	0.95	cps
Barium	135-1	107358	110618	107150	108375	1.79	cps
Barium	137-1	183380	187610	186289	185760	1.16	cps
Beryllium	9-1	114303	114409	117242	115318	1.45	cps
Bismuth	209-1	2871476	3013759	3056308	2980515	3.25	cps
Bismuth	209-2	1570639	1584839	1595050	1583509	0.77	cps
Boron	10-1	53031	56581	58033	55882	4.60	cps
Boron	11-1	243180	260759	264281	256073	4.41	cps
Bromine	81-1	23063	22962	21118	22381	4.89	cps
Cadmium	111-1	97152	98500	99155	98269	1.04	cps
Cadmium	106-1	21050	20666	21409	21042	1.77	cps
Cadmium	108-1	11751	11576	11484	11604	1.17	cps
Calcium	43-1	34696	34933	34990	34873	0.45	cps
Calcium	44-1	543617	546353	539487	543152	0.64	cps
Carbon	12-1	4525457	4614584	4592492	4577511	1.01	cps
Carbon	12-2	51884	49727	50505	50705	2.15	cps
Chlorine	35-1	155640	155725	149333	153566	2.39	cps
Chlorine	35-2	1550	1383	1350	1428	7.51	cps
Chromium	52-2	163395	159536	163137	162023	1.33	cps
Cobalt	59-2	273331	273622	270989	272648	0.53	cps
Copper	63-2	197655	198365	193036	196352	1.47	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	10	17	27	18	47.19	cps
Gadolinium	160-1	25	33	58	39	44.61	cps
Gadolinium	160-2	43	60	73	59	25.53	cps
Holmium	165-1	5025970	5327023	5329538	5227510	3.34	cps
Holmium	165-2	2505526	2615715	2597533	2572925	2.30	cps
Indium	115-1	4674095	4809033	4730531	4737886	1.43	cps
Indium	115-2	872467	875340	881061	876289	0.50	cps
Iron	54-2	143828	146732	140695	143751	2.10	cps
Iron	56-2	2716269	2649917	2687800	2684662	1.24	cps
Iron	57-2	63207	62873	63190	63090	0.30	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICV093	Instrumnet Name :	P8
Client Sample ID :	ICV093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:45:13	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	627	643	627	2.66	cps
Lead	206-1	543016	557539	555658	552071	1.43	cps
Lead	207-1	452864	465744	464499	461035	1.54	cps
Lead	208-1	2139457	2200233	2179703	2173131	1.42	cps
Lithium	6-1	1897626	2015910	1962209	1958582	3.02	cps
Magnesium	24-2	156026	151795	157561	155127	1.92	cps
Manganese	55-2	84683	85488	84965	85045	0.48	cps
Molybdenum	94-1	5021165	5205383	5034371	5086973	2.02	cps
Molybdenum	95-1	5937370	6170909	6154734	6087671	2.14	cps
Molybdenum	96-1	6770651	6885284	6826996	6827644	0.84	cps
Molybdenum	97-1	3732892	3755332	3826670	3771631	1.30	cps
Molybdenum	98-1	9733010	9594220	9805800	9711010	1.11	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	71475	71261	71951	71562	0.49	cps
Phosphorus	31-2	450	225	450	375	34.64	cps
Potassium	39-2	240229	234084	237232	237182	1.30	cps
Rhodium	103-1	4485505	4603963	4739605	4609691	2.76	cps
Rhodium	103-2	2280345	2304682	2251735	2278921	1.16	cps
Scandium	45-1	3544073	3696939	3620296	3620436	2.11	cps
Scandium	45-2	154753	153931	152761	153815	0.65	cps
Selenium	82-1	17056	17227	17340	17208	0.83	cps
Selenium	77-2	637	770	723	710	9.53	cps
Selenium	78-2	2441	2435	2515	2464	1.81	cps
Silicon	28-1	2208365	2241169	2276330	2241955	1.52	cps
Silver	107-1	252168	266987	264114	261090	3.01	cps
Silver	109-1	244121	248571	253940	248877	1.98	cps
Sodium	23-2	504712	514173	513687	510857	1.04	cps
Strontium	86-1	860024	843742	854687	852818	0.97	cps
Strontium	88-1	7385698	7569341	7415840	7456960	1.32	cps
Sulfur	34-1	316969	310178	308875	312007	1.39	cps
Terbium	159-1	5311235	5615480	5454772	5460496	2.79	cps
Terbium	159-2	2528375	2538028	2596497	2554300	1.44	cps
Thallium	203-1	676423	682786	698874	686028	1.69	cps
Thallium	205-1	1677998	1744953	1712046	1711666	1.96	cps
Tin	118-1	1831869	1893568	1894188	1873208	1.91	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICV093	Instrumnet Name :	P8
Client Sample ID :	ICV093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:45:13	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1921237	1892778	1894827	1902947	0.83	cps
Uranium	238-1	5780919	5672455	5820653	5758009	1.33	cps
Vanadium	51-2	129460	132760	130032	130751	1.35	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	172-2	6	0	11	6	99.97	cps
Ytterbium	176-1	8211	7944	8261	8139	2.09	cps
Ytterbium	176-2	7063	7630	7663	7452	4.53	cps
Yttrium	89-1	7246950	7443656	7448936	7379847	1.56	cps
Yttrium	89-2	957884	943084	954157	951708	0.81	cps
Zinc	66-2	47677	47627	47513	47606	0.18	cps
Zirconium	90-1	4529396	4626955	4613097	4589816	1.15	cps
Zirconium	91-1	972691	996742	986790	985408	1.23	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : ICB093 Instrumnet Name : P8
 Client Sample ID : ICB093 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 15:51:29 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	70	61	67	7.53	cps
Antimony	121-1	100	150	217	156	37.63	cps
Arsenic	75-2	9	7	11	9	22.22	cps
Barium	135-1	33	25	0	19	89.21	cps
Barium	137-1	50	17	33	33	50.00	cps
Beryllium	9-1	70	60	64	65	7.78	cps
Bismuth	209-1	3050640	2948910	3044210	3014587	1.89	cps
Bismuth	209-2	1545948	1621245	1538273	1568489	2.92	cps
Boron	10-1	4094	3850	3552	3832	7.08	cps
Boron	11-1	17635	17127	17221	17327	1.56	cps
Bromine	81-1	23213	22351	22341	22635	2.21	cps
Cadmium	111-1	50	67	26	48	43.50	cps
Cadmium	106-1	1483	1642	1625	1583	5.50	cps
Cadmium	108-1	25	17	33	25	33.32	cps
Calcium	43-1	296	286	276	286	3.49	cps
Calcium	44-1	14354	14026	14179	14186	1.16	cps
Carbon	12-1	4180206	4113724	4280266	4191399	2.00	cps
Carbon	12-2	46157	44376	46818	45784	2.76	cps
Chlorine	35-1	147084	146505	142867	145486	1.57	cps
Chlorine	35-2	1333	1467	1392	1397	4.78	cps
Chromium	52-2	717	663	680	687	3.97	cps
Cobalt	59-2	70	60	70	67	8.66	cps
Copper	63-2	590	547	533	557	5.32	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	33	33	17	28	34.63	cps
Gadolinium	160-2	73	57	30	53	40.98	cps
Holmium	165-1	5054892	5162117	5246786	5154598	1.87	cps
Holmium	165-2	2588057	2471815	2555215	2538362	2.36	cps
Indium	115-1	4800211	4669037	4693520	4720923	1.48	cps
Indium	115-2	867175	857286	863318	862593	0.58	cps
Iron	54-2	589	750	561	633	16.10	cps
Iron	56-2	3345	3534	3539	3473	3.19	cps
Iron	57-2	283	294	300	293	2.90	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICB093	Instrumnet Name :	P8
Client Sample ID :	ICB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:51:29	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	703	733	704	4.02	cps
Lead	206-1	467	572	422	487	15.82	cps
Lead	207-1	511	356	522	463	20.13	cps
Lead	208-1	2211	1922	2133	2089	7.16	cps
Lithium	6-1	1923689	1867964	1975418	1922357	2.80	cps
Magnesium	24-2	258	425	275	319	28.74	cps
Manganese	55-2	53	20	53	42	45.58	cps
Molybdenum	94-1	408	383	342	378	8.92	cps
Molybdenum	95-1	483	283	233	333	39.69	cps
Molybdenum	96-1	467	492	417	458	8.33	cps
Molybdenum	97-1	233	233	175	214	15.74	cps
Molybdenum	98-1	683	492	425	533	25.15	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	143	97	114	22.05	cps
Phosphorus	31-2	375	367	300	347	11.84	cps
Potassium	39-2	21825	21450	22435	21903	2.27	cps
Rhodium	103-1	4537485	4638691	4613513	4596563	1.15	cps
Rhodium	103-2	2250143	2246958	2224356	2240486	0.63	cps
Scandium	45-1	3572185	3525211	3569420	3555605	0.74	cps
Scandium	45-2	146119	144480	148450	146350	1.36	cps
Selenium	82-1	-13	-53	-67	-44	-62.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	82	86	82	83	2.77	cps
Silicon	28-1	587284	586854	584512	586216	0.25	cps
Silver	107-1	183	108	175	156	26.43	cps
Silver	109-1	175	100	183	153	30.04	cps
Sodium	23-2	12973	13482	13857	13437	3.30	cps
Strontium	86-1	1150	1092	1008	1083	6.57	cps
Strontium	88-1	442	225	167	278	52.16	cps
Sulfur	34-1	299139	300119	301674	300311	0.43	cps
Terbium	159-1	5517111	5420991	5428861	5455654	0.98	cps
Terbium	159-2	2510929	2463939	2450362	2475077	1.28	cps
Thallium	203-1	375	258	217	283	28.97	cps
Thallium	205-1	767	625	700	697	10.17	cps
Tin	118-1	558	375	450	461	19.99	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICB093	Instrumnet Name :	P8
Client Sample ID :	ICB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:51:29	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	183	283	242	21.53	cps
Uranium	238-1	108	33	117	86	53.30	cps
Vanadium	51-2	13	7	7	9	43.25	cps
Ytterbium	172-1	25	8	25	19	49.50	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	625	600	383	536	24.79	cps
Ytterbium	176-2	3901	4240	4234	4125	4.71	cps
Yttrium	89-1	7196573	7036691	7237542	7156935	1.48	cps
Yttrium	89-2	946940	924932	937349	936407	1.18	cps
Zinc	66-2	97	110	130	112	14.95	cps
Zirconium	90-1	500	442	642	528	19.49	cps
Zirconium	91-1	150	67	125	114	37.55	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : ICSA093 Instrumnet Name : P8
 Client Sample ID : ICSA093 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 15:54:33 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4984525	4928349	4906938	4939937	0.81	cps
Antimony	121-1	5176	5168	5651	5332	5.19	cps
Arsenic	75-2	56	54	54	55	2.11	cps
Barium	135-1	1500	1533	1617	1550	3.88	cps
Barium	137-1	2967	2850	2625	2814	6.17	cps
Beryllium	9-1	424	428	420	424	0.94	cps
Bismuth	209-1	2927353	3022418	3109157	3019642	3.01	cps
Bismuth	209-2	1516523	1519212	1450149	1495294	2.62	cps
Boron	10-1	3580	3454	3434	3489	2.27	cps
Boron	11-1	16216	16154	16382	16250	0.73	cps
Bromine	81-1	22331	22561	23775	22889	3.39	cps
Cadmium	111-1	437	547	412	465	15.45	cps
Cadmium	106-1	1850	1542	1825	1739	9.85	cps
Cadmium	108-1	708	721	738	722	2.03	cps
Calcium	43-1	1599010	1607232	1624610	1610284	0.81	cps
Calcium	44-1	25260704	25137027	25513023	25303585	0.76	cps
Carbon	12-1	19860923	20846846	21200883	20636217	3.36	cps
Carbon	12-2	241777	240803	241882	241487	0.25	cps
Chlorine	35-1	4092843	5077351	5918121	5029438	18.16	cps
Chlorine	35-2	74727	80969	88906	81534	8.72	cps
Chromium	52-2	32704	31117	31862	31895	2.49	cps
Cobalt	59-2	3060	3377	3127	3188	5.24	cps
Copper	63-2	14598	14411	14528	14512	0.65	cps
Dysprosium	156-1	0	67	33	33	100.01	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	20	13	27	20	33.35	cps
Gadolinium	160-1	67	25	83	58	51.51	cps
Gadolinium	160-2	83	43	53	60	34.70	cps
Holmium	165-1	5488204	5471979	5592552	5517578	1.19	cps
Holmium	165-2	2573316	2568973	2452088	2531459	2.72	cps
Indium	115-1	4774804	4793722	4815916	4794814	0.43	cps
Indium	115-2	854730	865028	815686	845148	3.08	cps
Iron	54-2	7106806	7047098	7135268	7096390	0.63	cps
Iron	56-2	130044678	129263806	131613681	130307388	0.92	cps
Iron	57-2	3392704	3248375	3264663	3301914	2.39	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSA093	Instrumnet Name :	P8
Client Sample ID :	ICSA093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:54:33	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	657	660	563	627	8.76	cps
Lead	206-1	12940	12940	13680	13187	3.24	cps
Lead	207-1	9960	10894	10749	10534	4.77	cps
Lead	208-1	47757	50389	50800	49649	3.33	cps
Lithium	6-1	1969179	2018070	2106202	2031150	3.42	cps
Magnesium	24-2	13364139	13089127	13219059	13224108	1.04	cps
Manganese	55-2	6298	6605	6165	6356	3.55	cps
Molybdenum	94-1	2599529	2655875	2691750	2649052	1.75	cps
Molybdenum	95-1	4576475	4651421	4601640	4609845	0.83	cps
Molybdenum	96-1	4893415	4992787	5041696	4975966	1.52	cps
Molybdenum	97-1	2844909	2832073	2774020	2817001	1.34	cps
Molybdenum	98-1	7240759	7278543	7209099	7242800	0.48	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	3834	3827	3831	3831	0.09	cps
Phosphorus	31-2	261086	254249	259410	258249	1.38	cps
Potassium	39-2	11871229	11305977	11210687	11462631	3.11	cps
Rhodium	103-1	4499095	4573531	4445009	4505878	1.43	cps
Rhodium	103-2	2197223	2198425	2069882	2155177	3.43	cps
Scandium	45-1	3660912	3505815	3769681	3645469	3.64	cps
Scandium	45-2	150085	153475	144615	149392	2.99	cps
Selenium	82-1	76	28	121	75	62.14	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	82	81	70	78	8.57	cps
Silicon	28-1	676097	681239	678728	678688	0.38	cps
Silver	107-1	325	392	258	325	20.51	cps
Silver	109-1	375	225	175	258	40.29	cps
Sodium	23-2	27115921	26694264	26698435	26836207	0.90	cps
Strontium	86-1	53202	54013	55328	54181	1.98	cps
Strontium	88-1	453507	455397	458312	455739	0.53	cps
Sulfur	34-1	2324498	2493594	2412657	2410250	3.51	cps
Terbium	159-1	5464001	5739996	5769606	5657868	2.98	cps
Terbium	159-2	2586460	2618669	2456640	2553923	3.36	cps
Thallium	203-1	567	525	583	558	5.38	cps
Thallium	205-1	1367	1333	1333	1345	1.43	cps
Tin	118-1	1200	1192	1250	1214	2.60	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSA093	Instrumnet Name :	P8
Client Sample ID :	ICSA093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:54:33	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1487325	1453466	1493299	1478030	1.45	cps
Uranium	238-1	1492	958	1625	1359	25.97	cps
Vanadium	51-2	207	217	210	211	2.41	cps
Ytterbium	172-1	33	8	33	25	57.74	cps
Ytterbium	172-2	11	6	6	7	43.24	cps
Ytterbium	176-1	550	717	850	706	21.30	cps
Ytterbium	176-2	3834	3801	4045	3893	3.41	cps
Yttrium	89-1	7255881	7408361	7561055	7408432	2.06	cps
Yttrium	89-2	952066	965601	913938	943868	2.84	cps
Zinc	66-2	2614	2630	2627	2624	0.34	cps
Zirconium	90-1	1350	1492	1609	1484	8.72	cps
Zirconium	91-1	333	275	342	317	11.47	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : ICSAB093 Instrumnet Name : P8
 Client Sample ID : ICSAB093 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 15:57:29 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4999655	4943304	4838658	4927205	1.66	cps
Antimony	121-1	82540	83966	84234	83580	1.09	cps
Arsenic	75-2	2903	3002	2895	2933	2.03	cps
Barium	135-1	22135	23196	22929	22753	2.42	cps
Barium	137-1	37929	39132	39157	38740	1.81	cps
Beryllium	9-1	23550	23276	23386	23404	0.59	cps
Bismuth	209-1	2954852	2969901	3092602	3005785	2.51	cps
Bismuth	209-2	1522773	1523059	1515219	1520350	0.29	cps
Boron	10-1	8461	8807	9251	8840	4.48	cps
Boron	11-1	39363	39894	40502	39920	1.43	cps
Bromine	81-1	22511	23835	23915	23420	3.37	cps
Cadmium	111-1	19169	19247	19007	19141	0.64	cps
Cadmium	106-1	4209	4534	4476	4406	3.93	cps
Cadmium	108-1	2300	2400	2479	2393	3.75	cps
Calcium	43-1	1662840	1582904	1601090	1615612	2.59	cps
Calcium	44-1	26481512	26113837	26294544	26296631	0.70	cps
Carbon	12-1	20832075	22096158	21981310	21636514	3.23	cps
Carbon	12-2	249535	243744	249967	247749	1.40	cps
Chlorine	35-1	10060655	11419390	12760733	11413593	11.83	cps
Chlorine	35-2	133396	137642	139931	136989	2.42	cps
Chromium	52-2	62346	61227	62198	61924	0.98	cps
Cobalt	59-2	54688	54825	54698	54737	0.14	cps
Copper	63-2	51490	51346	51480	51438	0.16	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	83	83	58	75	19.24	cps
Erbium	164-2	17	20	23	20	16.65	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	57	70	47	58	20.26	cps
Holmium	165-1	5356416	5611346	5565783	5511181	2.47	cps
Holmium	165-2	2620512	2562271	2574074	2585619	1.19	cps
Indium	115-1	4797064	4861915	4859224	4839401	0.76	cps
Indium	115-2	856762	850907	859444	855704	0.51	cps
Iron	54-2	7128112	7288188	7055710	7157337	1.66	cps
Iron	56-2	131322236	130230572	131457708	131003506	0.51	cps
Iron	57-2	3370808	3271864	3264728	3302467	1.80	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSAB093	Instrumnet Name :	P8
Client Sample ID :	ICSAB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:57:29	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	757	677	703	712	5.72	cps
Lead	206-1	67833	68944	68581	68453	0.83	cps
Lead	207-1	56094	56652	56099	56282	0.57	cps
Lead	208-1	259690	261197	263133	261340	0.66	cps
Lithium	6-1	1971693	2043517	2084813	2033341	2.82	cps
Magnesium	24-2	13271084	13593163	13065079	13309776	2.00	cps
Manganese	55-2	22661	22792	22241	22565	1.28	cps
Molybdenum	94-1	2912258	2816421	2902047	2876909	1.83	cps
Molybdenum	95-1	4694147	4663794	4735809	4697917	0.77	cps
Molybdenum	96-1	5131510	5091674	5092224	5105136	0.45	cps
Molybdenum	97-1	2968762	2977741	2902738	2949747	1.39	cps
Molybdenum	98-1	7472838	7529287	7521083	7507736	0.41	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	17284	17004	17104	17130	0.83	cps
Phosphorus	31-2	258800	254569	252523	255297	1.25	cps
Potassium	39-2	11425773	11329335	11447301	11400803	0.55	cps
Rhodium	103-1	4528602	4510305	4568003	4535637	0.65	cps
Rhodium	103-2	2257304	2183597	2220756	2220553	1.66	cps
Scandium	45-1	3689094	3786607	3706427	3727376	1.40	cps
Scandium	45-2	154636	151945	153634	153405	0.89	cps
Selenium	82-1	1543	1671	1660	1625	4.34	cps
Selenium	77-2	73	67	73	71	5.41	cps
Selenium	78-2	303	329	279	304	8.24	cps
Silicon	28-1	875865	885212	891477	884185	0.89	cps
Silver	107-1	100105	100307	100660	100357	0.28	cps
Silver	109-1	94306	93477	95380	94388	1.01	cps
Sodium	23-2	26364174	26756816	27336789	26819260	1.82	cps
Strontium	86-1	138264	138298	136850	137804	0.60	cps
Strontium	88-1	1155169	1169302	1193260	1172577	1.64	cps
Sulfur	34-1	2329428	2365293	2398611	2364444	1.46	cps
Terbium	159-1	5753069	5740902	5633721	5709231	1.15	cps
Terbium	159-2	2589106	2586752	2638414	2604757	1.12	cps
Thallium	203-1	67527	68004	69044	68192	1.14	cps
Thallium	205-1	161002	158447	160024	159824	0.81	cps
Tin	118-1	191672	191979	189500	191050	0.71	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	ICSAB093	Instrumnet Name :	P8
Client Sample ID :	ICSAB093	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 15:57:29	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1509774	1549635	1566377	1541929	1.89	cps
Uranium	238-1	546206	547459	552833	548833	0.64	cps
Vanadium	51-2	26197	26394	24768	25787	3.44	cps
Ytterbium	172-1	17	25	33	25	33.32	cps
Ytterbium	172-2	0	6	11	6	99.97	cps
Ytterbium	176-1	1517	1600	1617	1578	3.40	cps
Ytterbium	176-2	3867	4367	4362	4199	6.84	cps
Yttrium	89-1	7400960	7572897	7609607	7527821	1.48	cps
Yttrium	89-2	961693	971093	963121	965302	0.52	cps
Zinc	66-2	7165	7255	7232	7217	0.65	cps
Zirconium	90-1	441410	450470	440735	444205	1.22	cps
Zirconium	91-1	96845	100168	96979	97998	1.92	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : CCV003 Instrumnet Name : P8
 Client Sample ID : CCV003 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 16:00:35 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2753837	2757952	2747892	2753227	0.18	cps
Antimony	121-1	2014050	2046085	2047551	2035896	0.93	cps
Arsenic	75-2	71151	70983	69367	70500	1.40	cps
Barium	135-1	2798854	2812872	2877914	2829880	1.49	cps
Barium	137-1	4749039	4632182	4851586	4744269	2.31	cps
Beryllium	9-1	556182	559163	571641	562329	1.46	cps
Bismuth	209-1	3041552	2991928	3064165	3032548	1.22	cps
Bismuth	209-2	1502551	1627514	1509569	1546545	4.54	cps
Boron	10-1	119723	127815	134264	127267	5.73	cps
Boron	11-1	552791	590415	619921	587709	5.72	cps
Bromine	81-1	22903	22271	21078	22084	4.20	cps
Cadmium	111-1	465920	455850	463150	461640	1.13	cps
Cadmium	106-1	55320	58132	55839	56430	2.65	cps
Cadmium	108-1	37188	38111	38065	37788	1.38	cps
Calcium	43-1	4164043	4231041	4200957	4198680	0.80	cps
Calcium	44-1	67146639	66333646	66750149	66743478	0.61	cps
Carbon	12-1	4914528	4960405	5096150	4990361	1.89	cps
Carbon	12-2	59036	60232	60786	60018	1.49	cps
Chlorine	35-1	6402673	6345374	6381752	6376599	0.45	cps
Chlorine	35-2	55482	54077	56394	55317	2.11	cps
Chromium	52-2	775560	787146	768267	776991	1.23	cps
Cobalt	59-2	1497975	1504891	1477966	1493611	0.94	cps
Copper	63-2	10167281	10268581	10314313	10250058	0.73	cps
Dysprosium	156-1	508	575	567	550	6.60	cps
Dysprosium	156-2	257	220	227	234	8.33	cps
Erbium	164-1	175	167	175	172	2.79	cps
Erbium	164-2	77	83	100	87	13.87	cps
Gadolinium	160-1	408	600	475	494	19.68	cps
Gadolinium	160-2	253	300	313	289	10.91	cps
Holmium	165-1	5414496	5592064	5535087	5513883	1.64	cps
Holmium	165-2	2590809	2685680	2687490	2654660	2.08	cps
Indium	115-1	4856722	4869123	4886223	4870689	0.30	cps
Indium	115-2	854716	894916	881169	876934	2.33	cps
Iron	54-2	9536683	9399657	9226198	9387513	1.66	cps
Iron	56-2	168901615	168753487	164892765	167515956	1.36	cps
Iron	57-2	4285512	4357506	4185202	4276073	2.02	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:00:35	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	697	660	713	690	3.95	cps
Lead	206-1	7192417	7155694	7086204	7144772	0.75	cps
Lead	207-1	6154738	6137036	6158963	6150246	0.19	cps
Lead	208-1	28304675	28010692	28511549	28275639	0.89	cps
Lithium	6-1	2025050	2095779	2017225	2046018	2.11	cps
Magnesium	24-2	35331926	34697782	36040774	35356827	1.90	cps
Manganese	55-2	4535729	4512505	4432579	4493604	1.20	cps
Molybdenum	94-1	8949428	8918093	9235250	9034257	1.93	cps
Molybdenum	95-1	13118269	12926359	12907300	12983976	0.90	cps
Molybdenum	96-1	14299182	14266118	14333025	14299441	0.23	cps
Molybdenum	97-1	7908487	8079365	7958505	7982119	1.10	cps
Molybdenum	98-1	20510158	20729681	20696641	20645493	0.57	cps
Neodymium	150-1	347	373	433	384	11.55	cps
Neodymium	150-2	77	60	73	70	12.60	cps
Nickel	60-2	345018	349190	341168	345125	1.16	cps
Phosphorus	31-2	25690	26375	25974	26013	1.32	cps
Potassium	39-2	14925077	15057149	14790451	14924226	0.89	cps
Rhodium	103-1	4540395	4464298	4551400	4518698	1.05	cps
Rhodium	103-2	2219646	2243188	2211094	2224643	0.75	cps
Scandium	45-1	3726917	3691494	3739268	3719226	0.67	cps
Scandium	45-2	157094	160460	157991	158515	1.10	cps
Selenium	82-1	39182	39133	39874	39396	1.05	cps
Selenium	77-2	1613	1593	1527	1578	2.88	cps
Selenium	78-2	5615	5500	5607	5574	1.15	cps
Silicon	28-1	27768269	27704458	27718009	27730245	0.12	cps
Silver	107-1	2617961	2614126	2592453	2608180	0.53	cps
Silver	109-1	2536602	2481691	2645886	2554726	3.27	cps
Sodium	23-2	67459506	68087466	70156889	68567954	2.06	cps
Strontium	86-1	8098908	8062794	8272904	8144868	1.38	cps
Strontium	88-1	69528241	69242602	71127785	69966209	1.45	cps
Sulfur	34-1	552454	551520	555457	553144	0.37	cps
Terbium	159-1	5913560	5836007	5872925	5874164	0.66	cps
Terbium	159-2	2616388	2732357	2690477	2679741	2.19	cps
Thallium	203-1	1757299	1782614	1784717	1774877	0.86	cps
Thallium	205-1	4007878	4095206	4153603	4085562	1.80	cps
Tin	118-1	1834799	1911476	1860534	1868937	2.09	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P8
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:00:35	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3997516	4101853	4122215	4073861	1.64	cps
Uranium	238-1	5466602	5569005	5572597	5536068	1.09	cps
Vanadium	51-2	653976	655616	658850	656147	0.38	cps
Ytterbium	172-1	75	108	92	92	18.18	cps
Ytterbium	172-2	22	6	50	26	86.59	cps
Ytterbium	176-1	7953	8244	8395	8197	2.74	cps
Ytterbium	176-2	7252	7758	7786	7599	3.95	cps
Yttrium	89-1	7657007	7629277	7823895	7703393	1.37	cps
Yttrium	89-2	980482	1028032	989765	999426	2.52	cps
Zinc	66-2	1121795	1112923	1110971	1115230	0.52	cps
Zirconium	90-1	4407320	4449622	4521809	4459584	1.30	cps
Zirconium	91-1	943370	960151	972631	958717	1.53	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : CCB003 Instrumnet Name : P8
 Client Sample ID : CCB003 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 16:05:21 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194	200	180	191	5.35	cps
Antimony	121-1	400	358	500	419	17.36	cps
Arsenic	75-2	10	8	3	7	51.51	cps
Barium	135-1	150	92	83	108	33.53	cps
Barium	137-1	208	208	158	192	15.06	cps
Beryllium	9-1	126	96	124	115	14.55	cps
Bismuth	209-1	3061624	3060549	3144259	3088811	1.55	cps
Bismuth	209-2	1588177	1564086	1686954	1613072	4.04	cps
Boron	10-1	8527	8279	7809	8205	4.45	cps
Boron	11-1	39116	36787	36030	37311	4.31	cps
Bromine	81-1	21298	22572	22492	22121	3.22	cps
Cadmium	111-1	55	70	75	67	15.79	cps
Cadmium	106-1	1759	1625	1675	1686	4.00	cps
Cadmium	108-1	38	29	13	26	48.24	cps
Calcium	43-1	462	416	386	422	9.11	cps
Calcium	44-1	17826	17376	17498	17567	1.33	cps
Carbon	12-1	4397432	4398953	4475675	4424020	1.01	cps
Carbon	12-2	48439	48314	47193	47982	1.43	cps
Chlorine	35-1	2592498	2525502	2470539	2529513	2.41	cps
Chlorine	35-2	20056	19697	18546	19433	4.06	cps
Chromium	52-2	710	580	630	640	10.25	cps
Cobalt	59-2	83	97	90	90	7.41	cps
Copper	63-2	1040	967	960	989	4.49	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	8	58	67	44	70.99	cps
Gadolinium	160-2	40	37	80	52	46.17	cps
Holmium	165-1	5333427	5447145	5225225	5335265	2.08	cps
Holmium	165-2	2580606	2565614	2527175	2557798	1.08	cps
Indium	115-1	4848245	4955714	4938361	4914107	1.17	cps
Indium	115-2	873691	875519	876492	875234	0.16	cps
Iron	54-2	944	722	822	830	13.41	cps
Iron	56-2	8553	7752	8586	8297	5.69	cps
Iron	57-2	361	372	400	378	5.30	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:05:21	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	670	703	687	2.43	cps
Lead	206-1	1100	1000	800	967	15.80	cps
Lead	207-1	878	833	783	832	5.68	cps
Lead	208-1	4139	3684	3667	3830	7.00	cps
Lithium	6-1	2053200	1971631	2002243	2009024	2.05	cps
Magnesium	24-2	1333	1192	1233	1253	5.81	cps
Manganese	55-2	120	147	167	144	16.21	cps
Molybdenum	94-1	1008	1033	767	936	15.73	cps
Molybdenum	95-1	1533	1217	883	1211	26.84	cps
Molybdenum	96-1	1417	1233	1333	1328	6.91	cps
Molybdenum	97-1	967	642	708	772	22.23	cps
Molybdenum	98-1	2242	1700	1642	1861	17.78	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	110	127	130	122	8.77	cps
Phosphorus	31-2	342	383	392	372	7.20	cps
Potassium	39-2	22860	23453	23286	23200	1.32	cps
Rhodium	103-1	4526309	4681274	4678262	4628615	1.91	cps
Rhodium	103-2	2313941	2332074	2276063	2307359	1.24	cps
Scandium	45-1	3625447	3605854	3582444	3604582	0.60	cps
Scandium	45-2	148147	152860	149196	150068	1.65	cps
Selenium	82-1	-11	9	-74	-25	-170.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	73	70	81	75	7.61	cps
Silicon	28-1	594104	598973	593633	595570	0.50	cps
Silver	107-1	358	400	275	344	18.48	cps
Silver	109-1	333	333	292	319	7.53	cps
Sodium	23-2	20139	20423	20331	20298	0.71	cps
Strontium	86-1	1550	1392	1583	1508	6.79	cps
Strontium	88-1	2392	2584	1909	2295	15.16	cps
Sulfur	34-1	290099	291597	296223	292640	1.09	cps
Terbium	159-1	5633014	5646704	5616115	5631944	0.27	cps
Terbium	159-2	2528274	2483429	2596314	2536006	2.24	cps
Thallium	203-1	442	500	492	478	6.60	cps
Thallium	205-1	1200	1200	1200	1200	0.00	cps
Tin	118-1	517	575	642	578	10.82	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P8
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:05:21	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	333	358	339	5.12	cps
Uranium	238-1	208	133	158	167	22.91	cps
Vanadium	51-2	13	17	27	19	36.75	cps
Ytterbium	172-1	17	17	25	19	24.73	cps
Ytterbium	172-2	6	11	11	9	34.60	cps
Ytterbium	176-1	542	575	575	564	3.41	cps
Ytterbium	176-2	3556	3901	4084	3847	6.97	cps
Yttrium	89-1	7369530	7406815	7384085	7386810	0.25	cps
Yttrium	89-2	940202	949004	944171	944459	0.47	cps
Zinc	66-2	153	123	163	147	14.20	cps
Zirconium	90-1	733	575	617	642	12.79	cps
Zirconium	91-1	117	100	150	122	20.83	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BL	Instrumnet Name :	P8
Client Sample ID :	PBS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:08:48	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121	131	126	126	3.96	cps
Antimony	121-1	208	192	192	197	4.88	cps
Arsenic	75-2	6	6	7	6	9.12	cps
Barium	135-1	33	25	8	22	57.29	cps
Barium	137-1	67	83	42	64	32.83	cps
Beryllium	9-1	98	134	92	108	21.03	cps
Bismuth	209-1	3056445	3137086	3267566	3153699	3.38	cps
Bismuth	209-2	1595187	1750001	1608592	1651260	5.19	cps
Boron	10-1	4592	4474	4514	4526	1.33	cps
Boron	11-1	22251	21493	20949	21564	3.03	cps
Bromine	81-1	22221	21489	21499	21736	1.93	cps
Cadmium	111-1	51	51	42	48	10.45	cps
Cadmium	106-1	1842	1667	1725	1745	5.11	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Calcium	43-1	322	332	312	322	3.10	cps
Calcium	44-1	16927	16327	16182	16479	2.40	cps
Carbon	12-1	4130359	4141381	4209302	4160347	1.03	cps
Carbon	12-2	45421	46918	46876	46405	1.84	cps
Chlorine	35-1	1608387	1606065	1592302	1602251	0.54	cps
Chlorine	35-2	13932	12781	12289	13001	6.49	cps
Chromium	52-2	337	410	370	372	9.86	cps
Cobalt	59-2	97	57	67	73	28.39	cps
Copper	63-2	790	770	747	769	2.82	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	25	25	39	61.86	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	17	67	17	33	86.59	cps
Gadolinium	160-2	50	43	50	48	8.06	cps
Holmium	165-1	5220323	5367576	5427121	5338340	1.99	cps
Holmium	165-2	2588039	2664252	2665361	2639217	1.68	cps
Indium	115-1	4918436	5028424	4996786	4981215	1.14	cps
Indium	115-2	894461	902289	909538	902096	0.84	cps
Iron	54-2	772	628	622	674	12.62	cps
Iron	56-2	5390	5407	5312	5370	0.94	cps
Iron	57-2	300	322	300	307	4.17	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BL	Instrumnet Name :	P8
Client Sample ID :	PBS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:08:48	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	700	733	683	706	3.61	cps
Lead	206-1	883	772	800	819	7.07	cps
Lead	207-1	756	689	622	689	9.68	cps
Lead	208-1	3256	2900	3089	3082	5.77	cps
Lithium	6-1	2033814	2077197	2017559	2042857	1.51	cps
Magnesium	24-2	675	617	675	656	5.14	cps
Manganese	55-2	63	80	90	78	17.32	cps
Molybdenum	94-1	550	458	508	506	9.08	cps
Molybdenum	95-1	375	408	400	394	4.40	cps
Molybdenum	96-1	792	642	583	672	15.99	cps
Molybdenum	97-1	283	283	192	253	20.94	cps
Molybdenum	98-1	983	675	758	806	19.80	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	153	143	140	10.91	cps
Phosphorus	31-2	367	425	275	356	21.27	cps
Potassium	39-2	21967	21892	22184	22015	0.69	cps
Rhodium	103-1	4681839	4800297	4725895	4736011	1.26	cps
Rhodium	103-2	2286724	2306581	2344554	2312620	1.27	cps
Scandium	45-1	3728279	3644814	3776053	3716382	1.79	cps
Scandium	45-2	153728	155739	155669	155045	0.74	cps
Selenium	82-1	43	11	29	28	56.97	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	88	69	89	82	13.74	cps
Silicon	28-1	574252	579124	582711	578696	0.73	cps
Silver	107-1	192	242	142	192	26.09	cps
Silver	109-1	208	208	158	192	15.06	cps
Sodium	23-2	16935	16994	17119	17016	0.55	cps
Strontium	86-1	1275	1492	1125	1297	14.21	cps
Strontium	88-1	1200	692	633	842	37.05	cps
Sulfur	34-1	293514	290979	292331	292275	0.43	cps
Terbium	159-1	5652126	5762099	5677819	5697348	1.01	cps
Terbium	159-2	2556478	2594343	2666133	2605651	2.14	cps
Thallium	203-1	525	542	425	497	12.69	cps
Thallium	205-1	1225	1025	1042	1097	10.11	cps
Tin	118-1	592	742	742	692	12.52	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BL	Instrumnet Name :	P8
Client Sample ID :	PBS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:08:48	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	208	200	186	16.95	cps
Uranium	238-1	150	100	17	89	75.78	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Ytterbium	172-1	25	17	17	19	24.73	cps
Ytterbium	172-2	6	17	6	9	69.24	cps
Ytterbium	176-1	608	567	525	567	7.35	cps
Ytterbium	176-2	4084	4217	3706	4003	6.63	cps
Yttrium	89-1	7482784	7352622	7677747	7504384	2.18	cps
Yttrium	89-2	976434	984539	976991	979321	0.46	cps
Zinc	66-2	137	90	137	121	22.25	cps
Zirconium	90-1	425	500	517	481	10.16	cps
Zirconium	91-1	100	133	100	111	17.32	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : PB141998BS Instrumnet Name : P8
 Client Sample ID : LCS998 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 16:11:51 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1887	1911	1866	1888	1.19	cps
Antimony	121-1	14892	14892	15184	14989	1.12	cps
Arsenic	75-2	307	313	258	293	10.31	cps
Barium	135-1	18738	19189	19740	19222	2.61	cps
Barium	137-1	33308	33033	34135	33492	1.71	cps
Beryllium	9-1	2372	2334	2294	2333	1.67	cps
Bismuth	209-1	3169979	3050620	2560618	2927073	11.03	cps
Bismuth	209-2	1517622	1511533	1520991	1516715	0.32	cps
Boron	10-1	7338	7548	7851	7579	3.40	cps
Boron	11-1	33494	35626	35893	35004	3.76	cps
Bromine	81-1	21158	21378	22592	21709	3.56	cps
Cadmium	111-1	1804	1851	1894	1849	2.43	cps
Cadmium	106-1	2259	2017	1633	1970	16.00	cps
Cadmium	108-1	167	229	133	176	27.58	cps
Calcium	43-1	14479	14284	14628	14464	1.19	cps
Calcium	44-1	243484	241340	244607	243144	0.68	cps
Carbon	12-1	4286936	4305758	4286407	4293034	0.26	cps
Carbon	12-2	46792	47386	46466	46881	0.99	cps
Chlorine	35-1	1158954	1193661	1119810	1157475	3.19	cps
Chlorine	35-2	9512	9045	8645	9067	4.79	cps
Chromium	52-2	5778	5821	5968	5856	1.70	cps
Cobalt	59-2	4984	5191	4768	4981	4.25	cps
Copper	63-2	8162	7952	7942	8019	1.55	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	7	7	17	10	57.72	cps
Gadolinium	160-1	42	33	67	47	36.74	cps
Gadolinium	160-2	63	80	70	71	11.80	cps
Holmium	165-1	5554405	5245158	4268344	5022636	13.37	cps
Holmium	165-2	2494609	2529989	2495588	2506729	0.80	cps
Indium	115-1	5051848	4872531	3964428	4629602	12.59	cps
Indium	115-2	858691	850517	850444	853217	0.56	cps
Iron	54-2	29659	30845	29420	29974	2.55	cps
Iron	56-2	542845	531470	537720	537345	1.06	cps
Iron	57-2	13223	13223	13434	13293	0.92	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BS	Instrumnet Name :	P8
Client Sample ID :	LCS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:11:51	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	617	660	628	4.52	cps
Lead	206-1	6113	5774	5629	5838	4.25	cps
Lead	207-1	5262	4840	5301	5134	4.98	cps
Lead	208-1	24237	22820	23247	23435	3.10	cps
Lithium	6-1	2032698	2043142	1634620	1903486	12.24	cps
Magnesium	24-2	126306	124818	123734	124953	1.03	cps
Manganese	55-2	1833	1687	1730	1750	4.31	cps
Molybdenum	94-1	18496	17945	18605	18349	1.93	cps
Molybdenum	95-1	21601	21968	22761	22110	2.68	cps
Molybdenum	96-1	25082	25257	24263	24867	2.13	cps
Molybdenum	97-1	13791	13398	13332	13507	1.84	cps
Molybdenum	98-1	35563	33266	35078	34636	3.50	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	1343	1387	1447	1392	3.73	cps
Phosphorus	31-2	442	467	458	456	2.80	cps
Potassium	39-2	121350	121349	122081	121593	0.35	cps
Rhodium	103-1	4820699	4687162	3798325	4435395	12.53	cps
Rhodium	103-2	2251635	2223574	2240219	2238476	0.63	cps
Scandium	45-1	3757373	3635818	2900287	3431159	13.52	cps
Scandium	45-2	144281	146857	148177	146438	1.35	cps
Selenium	82-1	761	907	786	818	9.58	cps
Selenium	77-2	47	20	27	31	44.61	cps
Selenium	78-2	221	182	200	201	9.71	cps
Silicon	28-1	634608	641165	640483	638752	0.56	cps
Silver	107-1	9754	9570	9554	9626	1.15	cps
Silver	109-1	9695	9512	9545	9584	1.02	cps
Sodium	23-2	253359	242002	242195	245852	2.64	cps
Strontium	86-1	4292	4117	4192	4201	2.09	cps
Strontium	88-1	28398	26768	26459	27208	3.83	cps
Sulfur	34-1	295027	298264	296231	296507	0.55	cps
Terbium	159-1	5690095	5638109	4650851	5326352	10.99	cps
Terbium	159-2	2491476	2510364	2492334	2498058	0.43	cps
Thallium	203-1	6752	6443	6960	6719	3.87	cps
Thallium	205-1	15051	15193	15601	15282	1.87	cps
Tin	118-1	34043	33934	34561	34179	0.98	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	PB141998BS	Instrumnet Name :	P8
Client Sample ID :	LCS998	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:11:51	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7027	7752	7085	7288	5.53	cps
Uranium	238-1	18556	18506	17905	18322	1.98	cps
Vanadium	51-2	12182	11805	11922	11970	1.61	cps
Ytterbium	172-1	25	50	17	31	56.77	cps
Ytterbium	172-2	11	0	6	6	99.97	cps
Ytterbium	176-1	708	642	517	622	15.64	cps
Ytterbium	176-2	3528	3906	4106	3847	7.63	cps
Yttrium	89-1	7682993	7328001	6134359	7048451	11.51	cps
Yttrium	89-2	938092	935441	921415	931649	0.96	cps
Zinc	66-2	2210	2000	2207	2139	5.62	cps
Zirconium	90-1	15793	15509	16685	15996	3.84	cps
Zirconium	91-1	3384	3651	3325	3453	5.02	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-01	Instrumnet Name :	P8
Client Sample ID :	MH1KF5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:14:57	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629606	624259	606989	620285	1.91	cps
Antimony	121-1	30535	29775	31453	30588	2.75	cps
Arsenic	75-2	1596	1473	1522	1531	4.05	cps
Barium	135-1	340094	352521	357432	350016	2.55	cps
Barium	137-1	583416	615959	629575	609650	3.89	cps
Beryllium	9-1	912	976	1022	970	5.70	cps
Bismuth	209-1	3382253	3100792	3226483	3236509	4.36	cps
Bismuth	209-2	1913490	1868394	1883343	1888409	1.22	cps
Boron	10-1	10824	11510	11736	11357	4.18	cps
Boron	11-1	50715	52955	55524	53065	4.53	cps
Bromine	81-1	28479	28860	29451	28930	1.69	cps
Cadmium	111-1	4798	4913	5209	4973	4.27	cps
Cadmium	106-1	3075	2625	2525	2742	10.69	cps
Cadmium	108-1	521	546	608	558	8.07	cps
Calcium	43-1	2564770	2697858	2674911	2645846	2.69	cps
Calcium	44-1	40953766	42119996	41934227	41669330	1.50	cps
Carbon	12-1	16687993	17572409	18230960	17497121	4.42	cps
Carbon	12-2	196380	197072	204406	199286	2.23	cps
Chlorine	35-1	16307557	21351532	26021628	21226906	22.89	cps
Chlorine	35-2	301073	321555	340902	321177	6.20	cps
Chromium	52-2	100651	100975	100330	100652	0.32	cps
Cobalt	59-2	38315	37065	36470	37283	2.53	cps
Copper	63-2	611743	609176	596558	605825	1.34	cps
Dysprosium	156-1	16544	16861	17796	17067	3.81	cps
Dysprosium	156-2	7902	7729	7626	7752	1.80	cps
Erbium	164-1	12840	13557	12865	13087	3.11	cps
Erbium	164-2	5891	5935	5601	5809	3.12	cps
Gadolinium	160-1	13590	14125	14500	14072	3.25	cps
Gadolinium	160-2	7435	7579	7502	7506	0.96	cps
Holmium	165-1	5988766	5225930	5224791	5479829	8.04	cps
Holmium	165-2	2789342	2750681	2768506	2769510	0.70	cps
Indium	115-1	5289954	4718277	4814916	4941049	6.19	cps
Indium	115-2	945383	943317	925244	937981	1.18	cps
Iron	54-2	3334291	3297537	3204069	3278632	2.05	cps
Iron	56-2	59916767	60635247	59034797	59862270	1.34	cps
Iron	57-2	1544922	1519320	1483575	1515939	2.03	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-01	Instrumnet Name :	P8
Client Sample ID :	MH1KF5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:14:57	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	650	773	714	8.66	cps
Lead	206-1	987472	1017488	1053561	1019507	3.25	cps
Lead	207-1	841050	872574	875544	863056	2.21	cps
Lead	208-1	4000414	4216589	4272746	4163249	3.45	cps
Lithium	6-1	2169731	1974385	2035212	2059776	4.85	cps
Magnesium	24-2	1478007	1499181	1500494	1492560	0.85	cps
Manganese	55-2	657120	642363	635506	644996	1.71	cps
Molybdenum	94-1	13382	13198	13557	13379	1.34	cps
Molybdenum	95-1	11563	11980	12206	11917	2.73	cps
Molybdenum	96-1	14566	15501	16260	15442	5.49	cps
Molybdenum	97-1	7185	7419	7761	7455	3.88	cps
Molybdenum	98-1	19005	18905	18797	18902	0.55	cps
Neodymium	150-1	28691	29727	30027	29482	2.38	cps
Neodymium	150-2	10618	10421	10564	10534	0.97	cps
Nickel	60-2	34746	33386	33119	33750	2.59	cps
Phosphorus	31-2	9086	7611	8386	8361	8.83	cps
Potassium	39-2	689115	681461	661764	677447	2.08	cps
Rhodium	103-1	5070846	4403914	4482390	4652383	7.84	cps
Rhodium	103-2	2401052	2432347	2376152	2403184	1.17	cps
Scandium	45-1	4074263	3594528	3566024	3744938	7.63	cps
Scandium	45-2	166155	165324	165601	165693	0.26	cps
Selenium	82-1	221	340	164	242	37.19	cps
Selenium	77-2	80	43	50	58	33.81	cps
Selenium	78-2	126	120	126	124	2.79	cps
Silicon	28-1	3401723	3655608	3590379	3549236	3.71	cps
Silver	107-1	6160	6518	6202	6293	3.12	cps
Silver	109-1	6352	6427	6218	6332	1.67	cps
Sodium	23-2	2134167	2154982	2138125	2142425	0.52	cps
Strontium	86-1	451328	470672	470398	464133	2.39	cps
Strontium	88-1	3901965	4174799	4052064	4042943	3.38	cps
Sulfur	34-1	528445	520146	526242	524944	0.82	cps
Terbium	159-1	6068701	5619614	5489913	5726076	5.30	cps
Terbium	159-2	2740387	2782304	2719565	2747418	1.16	cps
Thallium	203-1	1125	1225	1375	1242	10.13	cps
Thallium	205-1	3234	3192	3200	3209	0.69	cps
Tin	118-1	121605	125429	124456	123830	1.61	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-01	Instrumnet Name :	P8
Client Sample ID :	MH1KF5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:14:57	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	243593	261206	250048	251616	3.54	cps
Uranium	238-1	19532	21302	19966	20267	4.55	cps
Vanadium	51-2	52693	51901	51111	51902	1.52	cps
Ytterbium	172-1	3509	3601	3451	3520	2.15	cps
Ytterbium	172-2	2117	1984	1900	2000	5.47	cps
Ytterbium	176-1	2825	2992	2767	2862	4.08	cps
Ytterbium	176-2	4951	5246	5312	5170	3.72	cps
Yttrium	89-1	8472368	7639195	7613143	7908235	6.18	cps
Yttrium	89-2	1091284	1074559	1055579	1073807	1.66	cps
Zinc	66-2	615273	606563	593288	605041	1.83	cps
Zirconium	90-1	17788	17871	17679	17779	0.54	cps
Zirconium	91-1	3942	5537	4988	4822	16.80	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-02	Instrumnet Name :	P8
Client Sample ID :	MH1KF6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:17:51	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	471983	470166	471721	471290	0.21	cps
Antimony	121-1	52301	52920	52151	52457	0.78	cps
Arsenic	75-2	1179	1233	1129	1181	4.41	cps
Barium	135-1	324020	325774	314945	321580	1.81	cps
Barium	137-1	548726	569464	559396	559195	1.85	cps
Beryllium	9-1	752	746	658	719	7.32	cps
Bismuth	209-1	3552077	3252653	3376175	3393635	4.43	cps
Bismuth	209-2	1675169	1696800	1732098	1701356	1.69	cps
Boron	10-1	11698	11944	12507	12050	3.44	cps
Boron	11-1	53830	57692	56933	56152	3.64	cps
Bromine	81-1	29662	29050	30284	29665	2.08	cps
Cadmium	111-1	6573	6400	6328	6434	1.96	cps
Cadmium	106-1	3284	3217	2875	3125	7.01	cps
Cadmium	108-1	783	892	842	839	6.46	cps
Calcium	43-1	3328994	3423436	3277541	3343324	2.21	cps
Calcium	44-1	53659353	55892422	53418344	54323373	2.51	cps
Carbon	12-1	20616134	21831769	21807269	21418391	3.24	cps
Carbon	12-2	244589	239932	251380	245300	2.35	cps
Chlorine	35-1	29371634	34214048	36507534	33364405	10.92	cps
Chlorine	35-2	398984	407393	420845	409074	2.70	cps
Chromium	52-2	84797	85346	85829	85324	0.61	cps
Cobalt	59-2	52109	53072	53283	52821	1.19	cps
Copper	63-2	454020	455707	457186	455638	0.35	cps
Dysprosium	156-1	11981	11881	11981	11947	0.48	cps
Dysprosium	156-2	5271	5588	5301	5387	3.25	cps
Erbium	164-1	8745	8928	8553	8742	2.15	cps
Erbium	164-2	3867	3981	3737	3862	3.15	cps
Gadolinium	160-1	9504	9979	9370	9618	3.33	cps
Gadolinium	160-2	4768	4898	4868	4844	1.41	cps
Holmium	165-1	6008138	5253551	5656529	5639406	6.70	cps
Holmium	165-2	2502016	2543129	2647388	2564178	2.92	cps
Indium	115-1	5364843	4942931	4973986	5093920	4.62	cps
Indium	115-2	861354	866248	886394	871332	1.52	cps
Iron	54-2	1741912	1757038	1757300	1752083	0.50	cps
Iron	56-2	30259656	30725842	31538515	30841338	2.10	cps
Iron	57-2	723949	728946	738285	730393	1.00	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-02	Instrumnet Name :	P8
Client Sample ID :	MH1KF6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:17:51	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	773	717	827	772	7.12	cps
Lead	206-1	881890	888750	860775	877138	1.66	cps
Lead	207-1	758566	761320	749166	756351	0.84	cps
Lead	208-1	3587167	3681013	3542712	3603630	1.96	cps
Lithium	6-1	2298928	1975418	2107234	2127194	7.65	cps
Magnesium	24-2	1391017	1361920	1389640	1380859	1.19	cps
Manganese	55-2	400809	397504	404488	400934	0.87	cps
Molybdenum	94-1	37466	32541	37516	35841	7.97	cps
Molybdenum	95-1	12176	9996	8995	10389	15.66	cps
Molybdenum	96-1	19089	16285	15218	16864	11.86	cps
Molybdenum	97-1	7698	6560	5910	6723	13.46	cps
Molybdenum	98-1	19689	16377	14525	16864	15.52	cps
Neodymium	150-1	18713	19207	18673	18865	1.58	cps
Neodymium	150-2	6842	6658	6932	6811	2.05	cps
Nickel	60-2	26749	26348	26715	26604	0.84	cps
Phosphorus	31-2	7902	7961	7569	7811	2.71	cps
Potassium	39-2	683359	678601	673777	678579	0.71	cps
Rhodium	103-1	5143673	4761616	4777311	4894200	4.42	cps
Rhodium	103-2	2207643	2266923	2238801	2237789	1.33	cps
Scandium	45-1	4125658	3859307	3916091	3967019	3.54	cps
Scandium	45-2	148594	152171	155709	152158	2.34	cps
Selenium	82-1	86	208	111	135	47.82	cps
Selenium	77-2	33	20	27	27	24.99	cps
Selenium	78-2	130	123	120	124	4.13	cps
Silicon	28-1	2549857	2601594	2597410	2582954	1.11	cps
Silver	107-1	38772	41413	40067	40084	3.29	cps
Silver	109-1	37854	39273	38596	38574	1.84	cps
Sodium	23-2	2068109	2064756	2092145	2075003	0.72	cps
Strontium	86-1	448286	458000	445234	450507	1.48	cps
Strontium	88-1	4089207	4104623	3955954	4049928	2.02	cps
Sulfur	34-1	587880	583560	578270	583237	0.83	cps
Terbium	159-1	6284368	5620067	5943877	5949438	5.58	cps
Terbium	159-2	2529029	2591880	2705185	2608698	3.42	cps
Thallium	203-1	1317	1433	1158	1303	10.60	cps
Thallium	205-1	2984	2750	2917	2884	4.17	cps
Tin	118-1	175840	180995	179064	178633	1.46	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-02	Instrumnet Name :	P8
Client Sample ID :	MH1KF6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:17:51	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	228308	212085	200421	213605	6.56	cps
Uranium	238-1	18656	18472	18289	18472	1.00	cps
Vanadium	51-2	33015	33132	32273	32807	1.42	cps
Ytterbium	172-1	2434	2717	2559	2570	5.53	cps
Ytterbium	172-2	1245	1328	1295	1289	3.25	cps
Ytterbium	176-1	2609	2275	2192	2359	9.35	cps
Ytterbium	176-2	4279	4918	4762	4653	7.16	cps
Yttrium	89-1	8713843	7726545	8097244	8179211	6.10	cps
Yttrium	89-2	969954	996899	995111	987321	1.53	cps
Zinc	66-2	407737	407551	411976	409088	0.61	cps
Zirconium	90-1	68986	89706	81925	80206	13.05	cps
Zirconium	91-1	22416	17595	25189	21734	17.68	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-03	Instrumnet Name :	P8
Client Sample ID :	MH1KF7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:20:50	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	447220	443473	447512	446068	0.50	cps
Antimony	121-1	69594	70834	70968	70466	1.07	cps
Arsenic	75-2	1090	1125	1096	1104	1.70	cps
Barium	135-1	391610	379145	384065	384940	1.63	cps
Barium	137-1	665684	652406	652288	656793	1.17	cps
Beryllium	9-1	726	652	688	689	5.37	cps
Bismuth	209-1	3348617	3263344	3208717	3273559	2.15	cps
Bismuth	209-2	1574772	1564068	1583154	1573998	0.61	cps
Boron	10-1	10960	11782	11921	11554	4.49	cps
Boron	11-1	51476	53495	56063	53678	4.28	cps
Bromine	81-1	26171	26061	27716	26649	3.47	cps
Cadmium	111-1	7998	7669	8053	7907	2.62	cps
Cadmium	106-1	3042	3009	3125	3059	1.96	cps
Cadmium	108-1	725	717	667	703	4.49	cps
Calcium	43-1	4897038	5094540	4958854	4983477	2.03	cps
Calcium	44-1	79076346	81334013	80241105	80217155	1.41	cps
Carbon	12-1	12010417	11806865	12382276	12066519	2.42	cps
Carbon	12-2	134374	135239	134601	134738	0.33	cps
Chlorine	35-1	32049701	37301255	39714303	36355086	10.78	cps
Chlorine	35-2	409991	429420	438278	425897	3.40	cps
Chromium	52-2	141617	139613	139613	140281	0.83	cps
Cobalt	59-2	16984	17718	17124	17275	2.26	cps
Copper	63-2	849700	837572	839948	842407	0.76	cps
Dysprosium	156-1	13799	13916	13624	13780	1.07	cps
Dysprosium	156-2	5975	5841	5688	5835	2.46	cps
Erbium	164-1	11138	10980	10805	10974	1.52	cps
Erbium	164-2	4714	4661	4618	4664	1.04	cps
Gadolinium	160-1	11639	11547	11313	11500	1.46	cps
Gadolinium	160-2	5525	5611	5441	5526	1.54	cps
Holmium	165-1	5651609	5547460	5591232	5596767	0.93	cps
Holmium	165-2	2574537	2627808	2602650	2601665	1.02	cps
Indium	115-1	5207734	5185493	5117832	5170353	0.91	cps
Indium	115-2	895924	865417	882285	881209	1.73	cps
Iron	54-2	1205184	1182187	1208254	1198542	1.19	cps
Iron	56-2	23002829	22882002	23552137	23145656	1.54	cps
Iron	57-2	548602	539703	552948	547084	1.23	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-03	Instrumnet Name :	P8
Client Sample ID :	MH1KF7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:20:50	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	740	763	783	762	2.85	cps
Lead	206-1	972743	973369	971427	972513	0.10	cps
Lead	207-1	819481	829824	811399	820234	1.13	cps
Lead	208-1	4049005	3962034	3958486	3989842	1.28	cps
Lithium	6-1	2102727	2105356	2086159	2098081	0.50	cps
Magnesium	24-2	1138769	1140314	1149319	1142801	0.50	cps
Manganese	55-2	462290	456538	453719	457516	0.95	cps
Molybdenum	94-1	15176	15292	15184	15217	0.43	cps
Molybdenum	95-1	8094	8278	8728	8367	3.90	cps
Molybdenum	96-1	11455	11847	11580	11627	1.72	cps
Molybdenum	97-1	5376	5426	4984	5262	4.60	cps
Molybdenum	98-1	13265	12715	13307	13095	2.52	cps
Neodymium	150-1	21631	22693	21972	22099	2.45	cps
Neodymium	150-2	7499	7489	7295	7428	1.54	cps
Nickel	60-2	35320	36180	35608	35703	1.22	cps
Phosphorus	31-2	7802	6793	7527	7374	7.07	cps
Potassium	39-2	683896	700694	711477	698689	1.99	cps
Rhodium	103-1	4932961	4926064	4712716	4857247	2.58	cps
Rhodium	103-2	2254816	2213405	2226497	2231573	0.95	cps
Scandium	45-1	3957788	4025127	3981605	3988174	0.86	cps
Scandium	45-2	155729	155953	159194	156959	1.24	cps
Selenium	82-1	245	151	125	174	36.40	cps
Selenium	77-2	40	50	13	34	55.04	cps
Selenium	78-2	123	141	148	137	9.39	cps
Silicon	28-1	2437235	2347351	2409314	2397966	1.92	cps
Silver	107-1	22018	22335	21617	21990	1.64	cps
Silver	109-1	21993	21818	20799	21537	2.99	cps
Sodium	23-2	7976201	7887045	7860216	7907821	0.77	cps
Strontium	86-1	1077403	1042507	1063016	1060975	1.65	cps
Strontium	88-1	9396660	9304691	9409298	9370216	0.61	cps
Sulfur	34-1	921203	919288	928074	922855	0.50	cps
Terbium	159-1	6001574	5889824	5721355	5870918	2.40	cps
Terbium	159-2	2672320	2527718	2572244	2590761	2.86	cps
Thallium	203-1	1017	1108	908	1011	9.90	cps
Thallium	205-1	2184	2517	2742	2481	11.33	cps
Tin	118-1	122412	123168	118116	121232	2.25	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-03	Instrumnet Name :	P8
Client Sample ID :	MH1KF7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:20:50	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	273962	277615	273034	274870	0.88	cps
Uranium	238-1	19691	19716	18614	19340	3.25	cps
Vanadium	51-2	39441	39347	39498	39429	0.19	cps
Ytterbium	172-1	3134	3209	3176	3173	1.19	cps
Ytterbium	172-2	1572	1722	1667	1654	4.59	cps
Ytterbium	176-1	2759	2750	2625	2711	2.76	cps
Ytterbium	176-2	4712	5040	5040	4931	3.84	cps
Yttrium	89-1	8243936	8139382	8097376	8160231	0.92	cps
Yttrium	89-2	999975	990603	1009781	1000120	0.96	cps
Zinc	66-2	346216	349510	352542	349423	0.91	cps
Zirconium	90-1	29692	32519	29057	30423	6.06	cps
Zirconium	91-1	6635	6810	6510	6652	2.27	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-04	Instrumnet Name :	P8
Client Sample ID :	MH1KF8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:23:46	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	329193	334953	332970	332372	0.88	cps
Antimony	121-1	13799	13674	13732	13735	0.46	cps
Arsenic	75-2	1574	1593	1647	1605	2.36	cps
Barium	135-1	299601	299348	301370	300106	0.37	cps
Barium	137-1	521139	524712	520578	522143	0.43	cps
Beryllium	9-1	890	854	838	861	3.10	cps
Bismuth	209-1	3087052	3270361	3118382	3158598	3.10	cps
Bismuth	209-2	1748101	1715134	1636035	1699757	3.39	cps
Boron	10-1	45162	48996	50378	48179	5.61	cps
Boron	11-1	213551	226104	239771	226475	5.79	cps
Bromine	81-1	29682	31909	30334	30642	3.74	cps
Cadmium	111-1	1870	1718	1971	1853	6.86	cps
Cadmium	106-1	2092	2434	2259	2261	7.56	cps
Cadmium	108-1	275	329	196	267	25.15	cps
Calcium	43-1	1784372	1761551	1761509	1769144	0.75	cps
Calcium	44-1	28006830	27651932	28061293	27906685	0.80	cps
Carbon	12-1	18309122	18679924	18473110	18487385	1.01	cps
Carbon	12-2	216812	212700	207322	212278	2.24	cps
Chlorine	35-1	34084558	37367494	40879236	37443763	9.07	cps
Chlorine	35-2	430340	443796	452127	442088	2.49	cps
Chromium	52-2	61716	61679	61338	61578	0.34	cps
Cobalt	59-2	21540	21016	21016	21190	1.43	cps
Copper	63-2	161615	165686	160320	162540	1.72	cps
Dysprosium	156-1	14033	14308	13290	13877	3.79	cps
Dysprosium	156-2	6258	6108	6011	6126	2.03	cps
Erbium	164-1	9879	9962	10488	10110	3.26	cps
Erbium	164-2	4654	4891	4804	4783	2.50	cps
Gadolinium	160-1	11947	12298	11372	11872	3.94	cps
Gadolinium	160-2	5881	5988	5718	5862	2.32	cps
Holmium	165-1	5501788	5653382	5584576	5579915	1.36	cps
Holmium	165-2	2660336	2751217	2715567	2709040	1.69	cps
Indium	115-1	4894553	5044445	5049421	4996140	1.76	cps
Indium	115-2	917095	925799	925817	922904	0.55	cps
Iron	54-2	1256097	1250021	1272032	1259383	0.90	cps
Iron	56-2	23996116	24122528	24742018	24286887	1.64	cps
Iron	57-2	560568	567429	564955	564317	0.62	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-04	Instrumnet Name :	P8
Client Sample ID :	MH1KF8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:23:46	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	753	640	730	708	8.46	cps
Lead	206-1	271921	278495	279938	276784	1.54	cps
Lead	207-1	238367	234567	235827	236254	0.82	cps
Lead	208-1	1077068	1096611	1085394	1086358	0.90	cps
Lithium	6-1	2073534	2099816	2121643	2098331	1.15	cps
Magnesium	24-2	5573480	5519133	5432315	5508309	1.29	cps
Manganese	55-2	569982	568820	570989	569930	0.19	cps
Molybdenum	94-1	18788	18830	18163	18594	2.01	cps
Molybdenum	95-1	7135	7844	7636	7538	4.83	cps
Molybdenum	96-1	10262	10629	10729	10540	2.33	cps
Molybdenum	97-1	4276	4392	4192	4287	2.34	cps
Molybdenum	98-1	11739	11914	11630	11761	1.22	cps
Neodymium	150-1	21184	21691	21564	21480	1.23	cps
Neodymium	150-2	7739	7916	7822	7826	1.13	cps
Nickel	60-2	19220	19493	19343	19352	0.71	cps
Phosphorus	31-2	17603	17619	17194	17472	1.38	cps
Potassium	39-2	1465113	1535319	1469594	1490008	2.64	cps
Rhodium	103-1	4746588	4743439	4830062	4773363	1.03	cps
Rhodium	103-2	2420323	2352535	2308370	2360409	2.39	cps
Scandium	45-1	3871910	3779632	3912541	3854694	1.77	cps
Scandium	45-2	158865	163207	162250	161441	1.41	cps
Selenium	82-1	75	193	197	155	44.62	cps
Selenium	77-2	63	37	30	43	40.70	cps
Selenium	78-2	102	128	132	121	13.50	cps
Silicon	28-1	2078278	2112210	2133870	2108119	1.33	cps
Silver	107-1	3559	4092	3467	3706	9.11	cps
Silver	109-1	3376	3517	3217	3370	4.45	cps
Sodium	23-2	20689372	20289813	20659784	20546323	1.08	cps
Strontium	86-1	276285	272007	271493	273262	0.96	cps
Strontium	88-1	2458760	2395240	2440370	2431457	1.34	cps
Sulfur	34-1	515134	508411	504041	509195	1.10	cps
Terbium	159-1	5585870	5952762	5813069	5783900	3.20	cps
Terbium	159-2	2747741	2751391	2757887	2752340	0.19	cps
Thallium	203-1	1133	1125	1275	1178	7.16	cps
Thallium	205-1	2800	2784	2884	2823	1.90	cps
Tin	118-1	29533	30810	29658	30000	2.35	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-04	Instrumnet Name :	P8
Client Sample ID :	MH1KF8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:23:46	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	135035	136538	134538	135370	0.77	cps
Uranium	238-1	13699	14517	15001	14406	4.57	cps
Vanadium	51-2	54888	53707	53276	53957	1.55	cps
Ytterbium	172-1	2700	2725	2892	2773	3.76	cps
Ytterbium	172-2	1645	1417	1517	1526	7.48	cps
Ytterbium	176-1	2292	1934	2417	2214	11.33	cps
Ytterbium	176-2	4679	5134	5173	4995	5.51	cps
Yttrium	89-1	7846592	8035058	8149875	8010508	1.91	cps
Yttrium	89-2	1047263	1041281	1052339	1046961	0.53	cps
Zinc	66-2	160652	158255	160623	159843	0.86	cps
Zirconium	90-1	43062	41533	40527	41707	3.06	cps
Zirconium	91-1	9170	8803	8945	8973	2.06	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05	Instrumnet Name :	P8
Client Sample ID :	MH1KF9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:26:45	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263893	259843	255802	259846	1.56	cps
Antimony	121-1	9937	10805	10663	10468	4.44	cps
Arsenic	75-2	1258	1270	1261	1263	0.49	cps
Barium	135-1	251993	259202	259959	257051	1.71	cps
Barium	137-1	437002	444718	439974	440565	0.88	cps
Beryllium	9-1	710	666	744	707	5.53	cps
Bismuth	209-1	3175315	3154696	3206938	3178983	0.83	cps
Bismuth	209-2	1771015	1768116	1741057	1760063	0.94	cps
Boron	10-1	67160	69452	72470	69694	3.82	cps
Boron	11-1	312810	329301	345347	329153	4.94	cps
Bromine	81-1	27636	27425	26914	27325	1.36	cps
Cadmium	111-1	1574	1371	1494	1479	6.91	cps
Cadmium	106-1	2609	2209	2084	2300	11.92	cps
Cadmium	108-1	196	254	188	213	17.09	cps
Calcium	43-1	1713199	1748758	1723827	1728595	1.06	cps
Calcium	44-1	27413843	27501700	27364076	27426539	0.25	cps
Carbon	12-1	18157784	18843968	19637637	18879796	3.92	cps
Carbon	12-2	213754	211709	212912	212792	0.48	cps
Chlorine	35-1	34119551	39459764	42339369	38639561	10.79	cps
Chlorine	35-2	426076	426489	447903	433489	2.88	cps
Chromium	52-2	54206	52780	52697	53228	1.59	cps
Cobalt	59-2	15462	15315	15625	15467	1.00	cps
Copper	63-2	144027	140624	143960	142870	1.36	cps
Dysprosium	156-1	10713	11397	10963	11024	3.14	cps
Dysprosium	156-2	5134	4854	4908	4965	3.00	cps
Erbium	164-1	7769	8169	8319	8086	3.52	cps
Erbium	164-2	3527	3754	3541	3607	3.53	cps
Gadolinium	160-1	9270	8736	8928	8978	3.01	cps
Gadolinium	160-2	4581	4664	4514	4586	1.64	cps
Holmium	165-1	5468054	5469302	5528395	5488584	0.63	cps
Holmium	165-2	2679122	2636397	2665878	2660466	0.82	cps
Indium	115-1	4992766	4960342	5027598	4993569	0.67	cps
Indium	115-2	907639	905851	897420	903637	0.60	cps
Iron	54-2	1025393	1020013	1005804	1017070	1.00	cps
Iron	56-2	19905957	19559311	19979326	19814865	1.13	cps
Iron	57-2	470719	451755	455271	459249	2.20	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05	Instrumnet Name :	P8
Client Sample ID :	MH1KF9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:26:45	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	630	697	643	657	5.37	cps
Lead	206-1	204332	208187	207850	206790	1.03	cps
Lead	207-1	174643	172865	172310	173273	0.70	cps
Lead	208-1	796506	799095	804993	800198	0.54	cps
Lithium	6-1	2086628	2048765	2110698	2082031	1.50	cps
Magnesium	24-2	6186575	5718736	5657787	5854366	4.94	cps
Manganese	55-2	493856	496020	487281	492386	0.92	cps
Molybdenum	94-1	23644	17829	17896	19790	16.87	cps
Molybdenum	95-1	5801	5768	5918	5829	1.35	cps
Molybdenum	96-1	9212	9145	9045	9134	0.92	cps
Molybdenum	97-1	3667	3476	3459	3534	3.28	cps
Molybdenum	98-1	8561	9587	9112	9087	5.65	cps
Neodymium	150-1	16804	16517	16791	16704	0.97	cps
Neodymium	150-2	6048	5845	5688	5860	3.08	cps
Nickel	60-2	19771	20028	19904	19901	0.65	cps
Phosphorus	31-2	14466	14925	14541	14644	1.68	cps
Potassium	39-2	1120371	1122643	1206514	1149843	4.27	cps
Rhodium	103-1	4709087	4851525	4744603	4768405	1.55	cps
Rhodium	103-2	2321012	2336659	2288737	2315469	1.06	cps
Scandium	45-1	3837820	3824066	3851981	3837955	0.36	cps
Scandium	45-2	155241	159404	159688	158111	1.57	cps
Selenium	82-1	189	137	233	187	25.74	cps
Selenium	77-2	20	33	40	31	32.73	cps
Selenium	78-2	114	127	128	123	6.35	cps
Silicon	28-1	2147730	2133311	2179076	2153373	1.09	cps
Silver	107-1	3926	4734	4493	4384	9.47	cps
Silver	109-1	3692	4126	3559	3792	7.82	cps
Sodium	23-2	25320688	25735118	25090595	25382133	1.29	cps
Strontium	86-1	228849	229787	225438	228025	1.00	cps
Strontium	88-1	1991700	2050850	1951763	1998104	2.50	cps
Sulfur	34-1	510977	519584	514795	515119	0.84	cps
Terbium	159-1	5732253	5810839	5747430	5763507	0.72	cps
Terbium	159-2	2682667	2692265	2683907	2686280	0.19	cps
Thallium	203-1	1108	1017	1000	1042	5.60	cps
Thallium	205-1	2334	2350	2434	2373	2.26	cps
Tin	118-1	57513	58936	58945	58465	1.41	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05	Instrumnet Name :	P8
Client Sample ID :	MH1KF9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:26:45	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	121331	116640	116682	118218	2.28	cps
Uranium	238-1	10788	11506	11447	11247	3.54	cps
Vanadium	51-2	39815	39244	39608	39556	0.73	cps
Ytterbium	172-1	2350	2275	2300	2309	1.65	cps
Ytterbium	172-2	1222	1150	1217	1196	3.36	cps
Ytterbium	176-1	2225	2067	1984	2092	5.87	cps
Ytterbium	176-2	4812	4740	5107	4886	3.98	cps
Yttrium	89-1	7776330	7943646	7706397	7808791	1.56	cps
Yttrium	89-2	1015895	1011918	1008797	1012203	0.35	cps
Zinc	66-2	174965	172689	173474	173709	0.67	cps
Zirconium	90-1	40273	42442	38515	40410	4.87	cps
Zirconium	91-1	12930	9195	8745	10290	22.32	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : N1079-06 Instrumnet Name : P8
 Client Sample ID : MH1KF9D Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 16:29:42 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302764	297629	294377	298257	1.42	cps
Antimony	121-1	10813	11422	11347	11194	2.97	cps
Arsenic	75-2	1366	1383	1304	1351	3.08	cps
Barium	135-1	278579	294066	287699	286781	2.71	cps
Barium	137-1	506082	499535	501514	502377	0.67	cps
Beryllium	9-1	746	780	748	758	2.52	cps
Bismuth	209-1	3193101	3253943	3046438	3164494	3.37	cps
Bismuth	209-2	1566662	1698816	1811571	1692350	7.24	cps
Boron	10-1	75944	79279	82610	79278	4.20	cps
Boron	11-1	344935	364506	390491	366644	6.23	cps
Bromine	81-1	28870	27465	28529	28288	2.59	cps
Cadmium	111-1	1789	1732	1726	1749	1.99	cps
Cadmium	106-1	2184	2409	2234	2275	5.19	cps
Cadmium	108-1	179	267	188	211	22.88	cps
Calcium	43-1	1978368	1940868	1970799	1963345	1.01	cps
Calcium	44-1	30397197	31250005	31957517	31201573	2.50	cps
Carbon	12-1	20108653	20570785	20847595	20509011	1.82	cps
Carbon	12-2	237936	234855	228940	233910	1.95	cps
Chlorine	35-1	34551229	38815658	42602603	38656497	10.42	cps
Chlorine	35-2	424573	435042	444280	434632	2.27	cps
Chromium	52-2	59517	59845	58001	59121	1.66	cps
Cobalt	59-2	17080	17908	17211	17400	2.56	cps
Copper	63-2	159317	161692	158786	159932	0.97	cps
Dysprosium	156-1	12640	12606	11830	12359	3.70	cps
Dysprosium	156-2	5551	5378	5358	5429	1.96	cps
Erbium	164-1	9162	8478	8545	8728	4.32	cps
Erbium	164-2	4181	4147	4067	4132	1.41	cps
Gadolinium	160-1	9946	10529	10213	10229	2.86	cps
Gadolinium	160-2	5328	5234	5541	5368	2.93	cps
Holmium	165-1	5702852	5557697	5438517	5566355	2.38	cps
Holmium	165-2	2617039	2650288	2813577	2693635	3.91	cps
Indium	115-1	5108507	4994247	4764916	4955890	3.53	cps
Indium	115-2	880459	888531	948031	905674	4.07	cps
Iron	54-2	1167141	1158343	1157469	1160984	0.46	cps
Iron	56-2	22298753	23225044	22459428	22661075	2.18	cps
Iron	57-2	529739	525025	518525	524430	1.07	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-06	Instrumnet Name :	P8
Client Sample ID :	MH1KF9D	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:29:42	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	743	797	707	749	6.04	cps
Lead	206-1	237974	233637	232982	234864	1.16	cps
Lead	207-1	193409	190890	196795	193698	1.53	cps
Lead	208-1	898537	892725	910284	900515	0.99	cps
Lithium	6-1	2075809	2129875	2055568	2087084	1.84	cps
Magnesium	24-2	6841754	6737138	6639879	6739590	1.50	cps
Manganese	55-2	543985	540555	541936	542159	0.32	cps
Molybdenum	94-1	16849	15501	16738	16363	4.57	cps
Molybdenum	95-1	6227	6318	6385	6310	1.26	cps
Molybdenum	96-1	8853	9287	9420	9187	3.23	cps
Molybdenum	97-1	3884	3817	3709	3803	2.32	cps
Molybdenum	98-1	9604	9504	10262	9790	4.21	cps
Neodymium	150-1	19468	18660	19221	19116	2.17	cps
Neodymium	150-2	6598	6912	6448	6653	3.56	cps
Nickel	60-2	18062	17865	17728	17885	0.94	cps
Phosphorus	31-2	16810	16502	16443	16585	1.19	cps
Potassium	39-2	1362398	1378933	1330715	1357349	1.81	cps
Rhodium	103-1	4731766	4828709	4658425	4739633	1.80	cps
Rhodium	103-2	2288439	2300941	2430427	2339936	3.36	cps
Scandium	45-1	3853763	3900134	3794074	3849324	1.38	cps
Scandium	45-2	156426	153701	163081	157736	3.06	cps
Selenium	82-1	72	39	149	87	65.51	cps
Selenium	77-2	37	43	27	36	23.58	cps
Selenium	78-2	133	127	123	128	3.94	cps
Silicon	28-1	2096352	2079586	2128897	2101612	1.19	cps
Silver	107-1	3776	3634	4042	3817	5.43	cps
Silver	109-1	3842	3867	3717	3809	2.11	cps
Sodium	23-2	28815461	28298123	28290253	28467945	1.06	cps
Strontium	86-1	245041	253460	255823	251441	2.25	cps
Strontium	88-1	2188753	2231437	2233160	2217783	1.13	cps
Sulfur	34-1	520831	519578	521322	520577	0.17	cps
Terbium	159-1	5912326	5894248	5647629	5818068	2.54	cps
Terbium	159-2	2661790	2604526	2808290	2691535	3.90	cps
Thallium	203-1	1142	1175	1050	1122	5.77	cps
Thallium	205-1	2359	2175	2550	2361	7.94	cps
Tin	118-1	62795	63775	65222	63931	1.91	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-06	Instrumnet Name :	P8
Client Sample ID :	MH1KF9D	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:29:42	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	118901	119968	122590	120487	1.58	cps
Uranium	238-1	12949	13090	12431	12824	2.70	cps
Vanadium	51-2	45201	44108	45415	44908	1.56	cps
Ytterbium	172-1	2542	2559	2409	2503	3.28	cps
Ytterbium	172-2	1333	1300	1489	1374	7.34	cps
Ytterbium	176-1	2167	1900	2192	2086	7.75	cps
Ytterbium	176-2	4651	4390	4884	4642	5.33	cps
Yttrium	89-1	8124645	8006621	7752449	7961238	2.39	cps
Yttrium	89-2	1013154	1019736	1084720	1039203	3.81	cps
Zinc	66-2	190457	188780	188561	189266	0.55	cps
Zirconium	90-1	31263	32542	32816	32207	2.57	cps
Zirconium	91-1	7102	6877	7561	7180	4.85	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05LX5	Instrumnet Name :	P8
Client Sample ID :	MH1KF9L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 16:32:41	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50339	49556	48538	49478	1.83	cps
Antimony	121-1	2017	1984	2184	2061	5.20	cps
Arsenic	75-2	244	220	242	235	5.66	cps
Barium	135-1	46464	46246	46104	46272	0.39	cps
Barium	137-1	81035	82502	80449	81329	1.30	cps
Beryllium	9-1	172	204	164	180	11.76	cps
Bismuth	209-1	2961536	2917971	2967575	2949028	0.92	cps
Bismuth	209-2	1528809	1518828	1525622	1524419	0.33	cps
Boron	10-1	24259	24674	24506	24480	0.85	cps
Boron	11-1	113249	115496	113404	114050	1.10	cps
Bromine	81-1	22772	22331	23043	22715	1.58	cps
Cadmium	111-1	384	316	288	329	14.97	cps
Cadmium	106-1	1717	1667	1959	1781	8.76	cps
Cadmium	108-1	67	54	92	71	26.96	cps
Calcium	43-1	302728	301232	298249	300736	0.76	cps
Calcium	44-1	5031628	4940217	5102069	5024638	1.62	cps
Carbon	12-1	7195688	7433307	7364076	7331024	1.67	cps
Carbon	12-2	77723	81754	79122	79533	2.57	cps
Chlorine	35-1	16685914	16402681	15820619	16303071	2.71	cps
Chlorine	35-2	143171	142791	136920	140961	2.49	cps
Chromium	52-2	10534	10361	10287	10394	1.22	cps
Cobalt	59-2	3134	2864	3057	3018	4.61	cps
Copper	63-2	29541	29200	27727	28823	3.34	cps
Dysprosium	156-1	1967	1934	2259	2053	8.71	cps
Dysprosium	156-2	913	867	867	882	3.05	cps
Erbium	164-1	1458	1658	1525	1547	6.58	cps
Erbium	164-2	783	757	713	751	4.70	cps
Gadolinium	160-1	1675	1884	1767	1775	5.88	cps
Gadolinium	160-2	893	983	860	912	6.99	cps
Holmium	165-1	5058998	5024631	5112140	5065256	0.87	cps
Holmium	165-2	2582885	2485021	2484319	2517409	2.25	cps
Indium	115-1	4764222	4821187	4675096	4753502	1.55	cps
Indium	115-2	867846	850295	852989	857043	1.10	cps
Iron	54-2	198838	192573	193679	195030	1.71	cps
Iron	56-2	3715268	3825249	3695168	3745228	1.87	cps
Iron	57-2	90912	87244	84226	87461	3.83	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05LX5	Instrumnet Name :	P8
Client Sample ID :	MH1KF9L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 16:32:41	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	673	607	700	660	7.28	cps
Lead	206-1	39327	38780	38831	38979	0.77	cps
Lead	207-1	33399	33093	33327	33273	0.48	cps
Lead	208-1	153700	152385	152747	152944	0.44	cps
Lithium	6-1	1943961	1949011	1980687	1957886	1.02	cps
Magnesium	24-2	1157088	1115421	1104809	1125773	2.45	cps
Manganese	55-2	93753	95317	92877	93982	1.32	cps
Molybdenum	94-1	3376	3342	3434	3384	1.37	cps
Molybdenum	95-1	1283	1442	1183	1303	10.00	cps
Molybdenum	96-1	2000	1834	2017	1950	5.20	cps
Molybdenum	97-1	775	708	800	761	6.23	cps
Molybdenum	98-1	2167	1892	1884	1981	8.14	cps
Neodymium	150-1	3334	3187	3200	3240	2.50	cps
Neodymium	150-2	1117	1280	1107	1168	8.33	cps
Nickel	60-2	3817	3777	3884	3826	1.41	cps
Phosphorus	31-2	2875	3109	2675	2886	7.52	cps
Potassium	39-2	232768	229231	221951	227983	2.42	cps
Rhodium	103-1	4549586	4515423	4411650	4492220	1.60	cps
Rhodium	103-2	2252457	2175241	2201450	2209716	1.78	cps
Scandium	45-1	3467458	3464328	3570894	3500893	1.73	cps
Scandium	45-2	148756	148639	148497	148631	0.09	cps
Selenium	82-1	76	96	-2	57	91.38	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	85	98	106	96	11.00	cps
Silicon	28-1	902877	908561	918727	910055	0.88	cps
Silver	107-1	892	1100	892	961	12.52	cps
Silver	109-1	950	992	767	903	13.26	cps
Sodium	23-2	4920417	4587926	4793828	4767390	3.52	cps
Strontium	86-1	43360	43025	44438	43608	1.69	cps
Strontium	88-1	358379	361189	360423	359997	0.40	cps
Sulfur	34-1	341521	335155	336681	337785	0.98	cps
Terbium	159-1	5482932	5264417	5338887	5362079	2.07	cps
Terbium	159-2	2532207	2485564	2514476	2510749	0.94	cps
Thallium	203-1	575	600	583	586	2.17	cps
Thallium	205-1	1267	1200	1558	1342	14.21	cps
Tin	118-1	11981	11030	11347	11452	4.23	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05LX5	Instrumnet Name :	P8
Client Sample ID :	MH1KF9L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 16:32:41	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	22001	22126	20540	21556	4.09	cps
Uranium	238-1	2242	2192	2059	2164	4.38	cps
Vanadium	51-2	7856	7342	7275	7491	4.24	cps
Ytterbium	172-1	433	383	500	439	13.34	cps
Ytterbium	172-2	244	278	189	237	18.95	cps
Ytterbium	176-1	850	767	842	819	5.60	cps
Ytterbium	176-2	3628	4012	3912	3851	5.17	cps
Yttrium	89-1	7190520	7227838	7084865	7167741	1.03	cps
Yttrium	89-2	952558	941814	943933	946101	0.60	cps
Zinc	66-2	34432	33149	33052	33544	2.30	cps
Zirconium	90-1	7494	7219	11207	8640	25.78	cps
Zirconium	91-1	1750	1600	1725	1692	4.75	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-07	Instrumnet Name :	P8
Client Sample ID :	MH1KF9S	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:35:41	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	331929	331557	332533	332006	0.15	cps
Antimony	121-1	87664	89720	88562	88649	1.16	cps
Arsenic	75-2	2542	2559	2628	2576	1.75	cps
Barium	135-1	700963	704618	705818	703799	0.36	cps
Barium	137-1	1222158	1222973	1232981	1226037	0.49	cps
Beryllium	9-1	11862	11919	12099	11960	1.03	cps
Bismuth	209-1	3178149	3269637	3149125	3198971	1.97	cps
Bismuth	209-2	1611844	1750789	1905999	1756211	8.38	cps
Boron	10-1	74258	79588	83723	79189	5.99	cps
Boron	11-1	350785	372989	389868	371214	5.28	cps
Bromine	81-1	28639	27275	28488	28134	2.66	cps
Cadmium	111-1	11184	11294	10675	11051	2.99	cps
Cadmium	106-1	3351	3401	3492	3414	2.10	cps
Cadmium	108-1	846	929	808	861	7.18	cps
Calcium	43-1	1911420	1906560	1939904	1919295	0.94	cps
Calcium	44-1	30554761	31003130	30921900	30826597	0.77	cps
Carbon	12-1	20754677	21468858	21017072	21080203	1.71	cps
Carbon	12-2	243835	242283	244289	243469	0.43	cps
Chlorine	35-1	28778926	33043381	37549084	33123797	13.24	cps
Chlorine	35-2	390192	417482	431998	413224	5.14	cps
Chromium	52-2	124370	125772	124074	124738	0.73	cps
Cobalt	59-2	278988	279454	276646	278363	0.54	cps
Copper	63-2	270050	264886	261424	265454	1.64	cps
Dysprosium	156-1	12623	12781	12665	12690	0.65	cps
Dysprosium	156-2	5915	5971	5571	5819	3.72	cps
Erbium	164-1	8862	9420	9128	9137	3.06	cps
Erbium	164-2	4264	4307	4461	4344	2.38	cps
Gadolinium	160-1	11247	9946	10788	10660	6.19	cps
Gadolinium	160-2	5918	5838	5615	5790	2.72	cps
Holmium	165-1	5453041	5455356	5622940	5510446	1.77	cps
Holmium	165-2	2694749	2643860	3043973	2794194	7.79	cps
Indium	115-1	4961598	5099174	5158325	5073032	1.99	cps
Indium	115-2	899756	916466	1005525	940582	6.05	cps
Iron	54-2	1222989	1335688	1235724	1264800	4.88	cps
Iron	56-2	24451762	24236419	23577870	24088683	1.89	cps
Iron	57-2	553862	561244	552298	555802	0.86	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-07	Instrumnet Name :	P8
Client Sample ID :	MH1KF9S	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:35:41	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	653	713	737	701	6.13	cps
Lead	206-1	250794	250358	247946	249699	0.61	cps
Lead	207-1	210657	214240	213429	212775	0.88	cps
Lead	208-1	980767	990771	979957	983832	0.61	cps
Lithium	6-1	2047315	2188574	2102080	2112656	3.37	cps
Magnesium	24-2	6631582	6683419	6529113	6614705	1.19	cps
Manganese	55-2	651240	665690	657897	658276	1.10	cps
Molybdenum	94-1	15985	15868	17012	16288	3.86	cps
Molybdenum	95-1	6635	6377	6552	6521	2.02	cps
Molybdenum	96-1	9370	9620	9620	9537	1.51	cps
Molybdenum	97-1	4134	4009	4376	4173	4.47	cps
Molybdenum	98-1	10729	10021	10888	10546	4.38	cps
Neodymium	150-1	18774	19575	19414	19254	2.20	cps
Neodymium	150-2	7019	7355	6929	7101	3.17	cps
Nickel	60-2	86944	88363	87180	87496	0.87	cps
Phosphorus	31-2	17319	18663	17361	17781	4.30	cps
Potassium	39-2	1436848	1425951	1418146	1426982	0.66	cps
Rhodium	103-1	4657466	4677971	4744654	4693364	0.97	cps
Rhodium	103-2	2277517	2340340	2507592	2375150	5.01	cps
Scandium	45-1	3830887	3932470	3889482	3884279	1.31	cps
Scandium	45-2	154718	158255	178310	163761	7.77	cps
Selenium	82-1	1882	1765	1728	1792	4.47	cps
Selenium	77-2	50	63	100	71	36.41	cps
Selenium	78-2	371	382	376	376	1.46	cps
Silicon	28-1	2086976	2187974	2108256	2127735	2.50	cps
Silver	107-1	38530	38689	40443	39220	2.71	cps
Silver	109-1	37301	38162	38196	37886	1.34	cps
Sodium	23-2	29915295	30912813	29781407	30203172	2.05	cps
Strontium	86-1	264387	263725	267070	265061	0.67	cps
Strontium	88-1	2323173	2380334	2374713	2359407	1.34	cps
Sulfur	34-1	543876	532213	542812	539634	1.19	cps
Terbium	159-1	5882952	5830531	5876696	5863393	0.49	cps
Terbium	159-2	2630695	2709638	2897288	2745873	4.99	cps
Thallium	203-1	28758	28182	27998	28312	1.40	cps
Thallium	205-1	65617	68038	68600	67418	2.35	cps
Tin	118-1	66496	66503	68037	67012	1.32	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-07	Instrumnet Name :	P8
Client Sample ID :	MH1KF9S	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:35:41	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	119497	125674	122244	122472	2.53	cps
Uranium	238-1	12940	13182	13566	13229	2.38	cps
Vanadium	51-2	177217	176960	175083	176420	0.66	cps
Ytterbium	172-1	2525	2642	2384	2517	5.14	cps
Ytterbium	172-2	1533	1306	1183	1341	13.25	cps
Ytterbium	176-1	2517	2292	2142	2317	8.15	cps
Ytterbium	176-2	4462	4690	5412	4855	10.22	cps
Yttrium	89-1	7848023	8130270	8051867	8010053	1.82	cps
Yttrium	89-2	1016198	1028371	1114007	1052859	5.06	cps
Zinc	66-2	221959	227099	223271	224110	1.19	cps
Zirconium	90-1	37074	32649	34321	34681	6.44	cps
Zirconium	91-1	8120	8053	8262	8145	1.31	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-08	Instrumnet Name :	P8
Client Sample ID :	MH1KG0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:38:39	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	266796	269597	270936	269110	0.79	cps
Antimony	121-1	10012	9337	10413	9921	5.48	cps
Arsenic	75-2	1240	1301	1355	1299	4.43	cps
Barium	135-1	260575	268397	264562	264511	1.48	cps
Barium	137-1	452056	462821	447295	454057	1.75	cps
Beryllium	9-1	802	756	796	785	3.19	cps
Bismuth	209-1	2864634	2506309	3042040	2804328	9.73	cps
Bismuth	209-2	1571207	1669393	1722610	1654403	4.64	cps
Boron	10-1	55809	58229	56985	57008	2.12	cps
Boron	11-1	252240	265780	272225	263415	3.87	cps
Bromine	81-1	27806	26563	26723	27031	2.50	cps
Cadmium	111-1	1661	1602	1424	1562	7.91	cps
Cadmium	106-1	2017	1934	2375	2109	11.13	cps
Cadmium	108-1	208	142	254	201	28.09	cps
Calcium	43-1	1686598	1677194	1676213	1680001	0.34	cps
Calcium	44-1	26657748	26894723	27374582	26975684	1.35	cps
Carbon	12-1	17240115	18324098	18475834	18013349	3.74	cps
Carbon	12-2	201566	206974	203567	204036	1.34	cps
Chlorine	35-1	35391062	40504098	43541332	39812164	10.35	cps
Chlorine	35-2	439515	453864	464898	452759	2.81	cps
Chromium	52-2	51048	50011	51309	50789	1.35	cps
Cobalt	59-2	16046	15669	16453	16056	2.44	cps
Copper	63-2	144923	148011	147763	146899	1.17	cps
Dysprosium	156-1	12056	13165	12523	12581	4.43	cps
Dysprosium	156-2	5555	5765	5531	5617	2.29	cps
Erbium	164-1	8353	8686	8561	8534	1.98	cps
Erbium	164-2	3887	4021	4004	3971	1.83	cps
Gadolinium	160-1	10371	10496	9604	10157	4.76	cps
Gadolinium	160-2	5158	5068	4881	5035	2.80	cps
Holmium	165-1	4864934	4294426	5333228	4830863	10.77	cps
Holmium	165-2	2649789	2687490	2792926	2710068	2.74	cps
Indium	115-1	4499118	4046009	4890042	4478389	9.43	cps
Indium	115-2	894511	894355	919857	902908	1.63	cps
Iron	54-2	1049906	1055051	1056395	1053784	0.33	cps
Iron	56-2	20089950	19948412	20092541	20043634	0.41	cps
Iron	57-2	468708	476271	478192	474390	1.06	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-08	Instrumnet Name :	P8
Client Sample ID :	MH1KG0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:38:39	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	720	727	797	748	5.68	cps
Lead	206-1	227892	229786	224066	227248	1.28	cps
Lead	207-1	192611	190623	191899	191711	0.53	cps
Lead	208-1	875536	882796	878069	878800	0.42	cps
Lithium	6-1	1894058	1766968	2087860	1916295	8.43	cps
Magnesium	24-2	5553511	5509318	5504021	5522283	0.49	cps
Manganese	55-2	486977	487540	479203	484573	0.96	cps
Molybdenum	94-1	19247	19948	19948	19715	2.05	cps
Molybdenum	95-1	6610	6894	6927	6810	2.56	cps
Molybdenum	96-1	9962	10980	10763	10568	5.07	cps
Molybdenum	97-1	4384	4142	4167	4231	3.14	cps
Molybdenum	98-1	10621	10471	10821	10638	1.65	cps
Neodymium	150-1	17345	18400	18880	18208	4.31	cps
Neodymium	150-2	6358	6658	6568	6528	2.36	cps
Nickel	60-2	16530	16833	16790	16718	0.98	cps
Phosphorus	31-2	18446	19505	19130	19027	2.82	cps
Potassium	39-2	1583837	1530748	1560458	1558348	1.71	cps
Rhodium	103-1	4093879	3625730	4565692	4095100	11.48	cps
Rhodium	103-2	2318618	2210342	2319699	2282886	2.75	cps
Scandium	45-1	3413129	3085026	3915165	3471107	12.05	cps
Scandium	45-2	153751	154739	159170	155887	1.85	cps
Selenium	82-1	131	91	99	107	19.68	cps
Selenium	77-2	30	27	23	27	12.51	cps
Selenium	78-2	123	120	127	123	2.85	cps
Silicon	28-1	2671916	2591129	2641928	2634991	1.55	cps
Silver	107-1	4026	3917	3601	3848	5.74	cps
Silver	109-1	3601	3159	3609	3456	7.45	cps
Sodium	23-2	77754779	78818931	77904214	78159308	0.74	cps
Strontium	86-1	240645	247273	239009	242309	1.81	cps
Strontium	88-1	2193881	2214737	2127649	2178755	2.09	cps
Sulfur	34-1	538639	529354	526018	531337	1.23	cps
Terbium	159-1	5227373	4723036	5872435	5274281	10.92	cps
Terbium	159-2	2623213	2687137	2740095	2683482	2.18	cps
Thallium	203-1	1033	1208	1092	1111	8.02	cps
Thallium	205-1	2200	2000	2175	2125	5.13	cps
Tin	118-1	38622	38772	37686	38360	1.53	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-08	Instrumnet Name :	P8
Client Sample ID :	MH1KG0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:38:39	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	136556	141680	137516	138584	1.97	cps
Uranium	238-1	12590	13107	12031	12576	4.28	cps
Vanadium	51-2	42992	43269	43573	43278	0.67	cps
Ytterbium	172-1	2409	2459	2650	2506	5.09	cps
Ytterbium	172-2	1128	1311	1483	1308	13.60	cps
Ytterbium	176-1	1959	1950	1984	1964	0.88	cps
Ytterbium	176-2	4584	5040	5034	4886	5.35	cps
Yttrium	89-1	6919720	6325308	7641728	6962252	9.47	cps
Yttrium	89-2	1012482	1013027	1036771	1020760	1.36	cps
Zinc	66-2	150863	152889	153170	152307	0.83	cps
Zirconium	90-1	46690	46086	43854	45543	3.28	cps
Zirconium	91-1	10121	10513	10096	10243	2.28	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:41:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470190	468548	459391	466043	1.25	cps
Antimony	121-1	33617	35271	34085	34324	2.48	cps
Arsenic	75-2	1691	1609	1551	1617	4.35	cps
Barium	135-1	246321	245950	248332	246868	0.52	cps
Barium	137-1	425462	427883	422576	425307	0.62	cps
Beryllium	9-1	794	710	754	753	5.58	cps
Bismuth	209-1	3406098	3380475	3274699	3353757	2.08	cps
Bismuth	209-2	1719656	1733643	1766349	1739883	1.38	cps
Boron	10-1	24033	24638	24634	24435	1.42	cps
Boron	11-1	110237	113579	111713	111843	1.50	cps
Bromine	81-1	27144	28800	29702	28548	4.54	cps
Cadmium	111-1	5520	5644	5467	5543	1.64	cps
Cadmium	106-1	3551	3651	3617	3606	1.41	cps
Cadmium	108-1	1117	1092	1046	1085	3.31	cps
Calcium	43-1	2200214	2233454	2234264	2222644	0.87	cps
Calcium	44-1	35673542	35981732	35780268	35811847	0.44	cps
Carbon	12-1	21384091	21322230	22184927	21630416	2.22	cps
Carbon	12-2	247373	248009	243577	246320	0.97	cps
Chlorine	35-1	37719581	41351538	44338400	41136506	8.06	cps
Chlorine	35-2	451473	455195	458435	455034	0.77	cps
Chromium	52-2	98561	95846	94822	96410	2.00	cps
Cobalt	59-2	19343	18749	18939	19011	1.60	cps
Copper	63-2	613070	599114	601940	604708	1.22	cps
Dysprosium	156-1	10396	11672	11956	11341	7.33	cps
Dysprosium	156-2	5368	5198	5204	5257	1.83	cps
Erbium	164-1	9178	8970	9404	9184	2.36	cps
Erbium	164-2	4371	4044	4111	4175	4.14	cps
Gadolinium	160-1	9454	9762	9896	9704	2.34	cps
Gadolinium	160-2	5154	5254	4968	5125	2.84	cps
Holmium	165-1	5963353	5692759	5593312	5749808	3.33	cps
Holmium	165-2	2666451	2685986	2716970	2689802	0.95	cps
Indium	115-1	5089898	5283298	5072257	5148484	2.27	cps
Indium	115-2	893254	897533	926806	905864	2.02	cps
Iron	54-2	1560097	1538396	1490697	1529730	2.32	cps
Iron	56-2	28390596	27828204	27524607	27914469	1.57	cps
Iron	57-2	650123	649295	649914	649777	0.07	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:41:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	670	753	757	727	6.76	cps
Lead	206-1	991708	1012807	985985	996833	1.42	cps
Lead	207-1	858083	870144	868628	865618	0.76	cps
Lead	208-1	4141225	4189622	4151468	4160772	0.61	cps
Lithium	6-1	2224924	2182940	2074964	2160942	3.58	cps
Magnesium	24-2	2856507	2747774	2713698	2772659	2.69	cps
Manganese	55-2	691338	692776	661801	681972	2.56	cps
Molybdenum	94-1	46878	52164	52301	50448	6.13	cps
Molybdenum	95-1	11947	11880	10779	11536	5.68	cps
Molybdenum	96-1	21337	20943	19590	20623	4.44	cps
Molybdenum	97-1	7027	7369	7419	7272	2.93	cps
Molybdenum	98-1	18062	18805	18997	18621	2.65	cps
Neodymium	150-1	20523	20155	21578	20752	3.56	cps
Neodymium	150-2	7906	7512	7462	7627	3.19	cps
Nickel	60-2	36597	36667	35855	36373	1.24	cps
Phosphorus	31-2	7669	7285	6835	7263	5.75	cps
Potassium	39-2	745770	741315	730227	739104	1.08	cps
Rhodium	103-1	4901058	5030213	4784003	4905091	2.51	cps
Rhodium	103-2	2299606	2307013	2377231	2327950	1.84	cps
Scandium	45-1	4168562	4079568	3951024	4066384	2.69	cps
Scandium	45-2	158977	158851	161482	159770	0.93	cps
Selenium	82-1	295	253	263	270	8.13	cps
Selenium	77-2	30	20	37	29	29.04	cps
Selenium	78-2	128	148	129	135	8.35	cps
Silicon	28-1	2474732	2491798	2511211	2492581	0.73	cps
Silver	107-1	8778	8670	8520	8656	1.50	cps
Silver	109-1	8470	8328	8061	8286	2.50	cps
Sodium	23-2	19186236	18817584	18672047	18891956	1.40	cps
Strontium	86-1	557957	561592	549443	556331	1.12	cps
Strontium	88-1	4861757	4983605	4935040	4926801	1.25	cps
Sulfur	34-1	1376937	1422651	1384943	1394844	1.75	cps
Terbium	159-1	6037712	6069571	5992798	6033361	0.64	cps
Terbium	159-2	2670221	2662557	2719437	2684072	1.15	cps
Thallium	203-1	1133	1100	1150	1128	2.26	cps
Thallium	205-1	2575	2842	2559	2659	5.98	cps
Tin	118-1	263553	237877	239768	247066	5.79	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:41:37	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	191723	200776	200830	197776	2.65	cps
Uranium	238-1	20500	21126	20250	20626	2.19	cps
Vanadium	51-2	43245	43045	41727	42672	1.93	cps
Ytterbium	172-1	2300	2284	2800	2461	11.93	cps
Ytterbium	172-2	1461	1328	1289	1359	6.65	cps
Ytterbium	176-1	2809	2367	2642	2606	8.56	cps
Ytterbium	176-2	4451	4951	5012	4805	6.41	cps
Yttrium	89-1	8282586	8254231	8011374	8182730	1.82	cps
Yttrium	89-2	1015837	1019463	1060215	1031838	2.39	cps
Zinc	66-2	3658954	3522845	3549080	3576959	2.02	cps
Zirconium	90-1	117468	129902	126328	124566	5.14	cps
Zirconium	91-1	25537	26113	28700	26783	6.29	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-10	Instrumnet Name :	P8
Client Sample ID :	MH1KG2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:44:33	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	680355	686908	678031	681764	0.68	cps
Antimony	121-1	26560	26426	27044	26677	1.22	cps
Arsenic	75-2	2702	2758	2696	2718	1.26	cps
Barium	135-1	355046	359905	349373	354775	1.49	cps
Barium	137-1	599746	598290	590751	596263	0.81	cps
Beryllium	9-1	1128	1050	950	1043	8.56	cps
Bismuth	209-1	2880791	3081540	3118440	3026924	4.23	cps
Bismuth	209-2	1628724	1705846	1682885	1672485	2.37	cps
Boron	10-1	19567	20242	21113	20307	3.82	cps
Boron	11-1	93678	96330	95776	95261	1.47	cps
Bromine	81-1	26894	27345	27204	27148	0.85	cps
Cadmium	111-1	8161	7502	7688	7784	4.37	cps
Cadmium	106-1	3134	3509	3376	3339	5.69	cps
Cadmium	108-1	917	821	879	872	5.54	cps
Calcium	43-1	2704073	2796099	2746769	2748980	1.68	cps
Calcium	44-1	43574352	43361759	42536168	43157426	1.27	cps
Carbon	12-1	10957768	11272565	11502122	11244152	2.43	cps
Carbon	12-2	126377	126754	131841	128324	2.38	cps
Chlorine	35-1	34102798	39489459	41913911	38502056	10.38	cps
Chlorine	35-2	425324	445216	447553	439365	2.78	cps
Chromium	52-2	158692	159865	158887	159148	0.39	cps
Cobalt	59-2	32487	33008	32300	32599	1.13	cps
Copper	63-2	462287	461419	460440	461382	0.20	cps
Dysprosium	156-1	15576	16511	16077	16054	2.91	cps
Dysprosium	156-2	7032	7269	7102	7134	1.71	cps
Erbium	164-1	12281	11972	11939	12064	1.56	cps
Erbium	164-2	5381	5378	5361	5373	0.20	cps
Gadolinium	160-1	14458	13474	13415	13783	4.25	cps
Gadolinium	160-2	6795	6909	6942	6882	1.12	cps
Holmium	165-1	4780084	5183497	5331401	5098327	5.60	cps
Holmium	165-2	2744659	2566076	2698647	2669794	3.47	cps
Indium	115-1	4430104	4898601	4779807	4702837	5.18	cps
Indium	115-2	904142	891661	897254	897686	0.70	cps
Iron	54-2	6650925	6642969	6436679	6576858	1.85	cps
Iron	56-2	119381575	115945519	118814692	118047262	1.56	cps
Iron	57-2	3002567	2975860	2989660	2989362	0.45	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-10	Instrumnet Name :	P8
Client Sample ID :	MH1KG2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:44:33	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	663	620	688	12.03	cps
Lead	206-1	1247220	1225278	1213026	1228508	1.41	cps
Lead	207-1	1068677	1038037	1038375	1048363	1.68	cps
Lead	208-1	5096457	4998846	5021624	5038975	1.01	cps
Lithium	6-1	1831426	1988794	2056684	1958968	5.90	cps
Magnesium	24-2	1447082	1403779	1402322	1417728	1.79	cps
Manganese	55-2	955662	935438	934305	941802	1.28	cps
Molybdenum	94-1	83261	87346	81345	83984	3.65	cps
Molybdenum	95-1	26810	24455	25991	25752	4.64	cps
Molybdenum	96-1	45259	41998	41630	42962	4.65	cps
Molybdenum	97-1	15576	15484	15976	15679	1.67	cps
Molybdenum	98-1	41078	39549	39181	39936	2.52	cps
Neodymium	150-1	29119	27569	27789	28159	2.98	cps
Neodymium	150-2	10524	9954	9897	10125	3.43	cps
Nickel	60-2	30987	31812	31318	31372	1.32	cps
Phosphorus	31-2	11004	10437	10112	10518	4.29	cps
Potassium	39-2	574907	570434	570139	571827	0.47	cps
Rhodium	103-1	4098518	4498256	4673504	4423426	6.66	cps
Rhodium	103-2	2342735	2195237	2294233	2277401	3.30	cps
Scandium	45-1	3357271	3677319	3688631	3574407	5.26	cps
Scandium	45-2	158790	157601	159629	158673	0.64	cps
Selenium	82-1	541	651	707	633	13.33	cps
Selenium	77-2	57	47	87	63	32.87	cps
Selenium	78-2	180	165	205	183	11.02	cps
Silicon	28-1	3223723	3076619	3118161	3139501	2.42	cps
Silver	107-1	192007	191733	182390	188710	2.90	cps
Silver	109-1	181978	178399	180181	180186	0.99	cps
Sodium	23-2	3686410	3623704	3612257	3640791	1.10	cps
Strontium	86-1	1462187	1467016	1500362	1476521	1.41	cps
Strontium	88-1	12490986	12298683	12409174	12399615	0.78	cps
Sulfur	34-1	914391	913912	924527	917610	0.65	cps
Terbium	159-1	5274336	5760721	5840993	5625350	5.45	cps
Terbium	159-2	2618778	2643815	2667976	2643523	0.93	cps
Thallium	203-1	1058	1158	1233	1150	7.63	cps
Thallium	205-1	2675	2634	2567	2625	2.08	cps
Tin	118-1	622331	606759	601218	610103	1.79	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-10	Instrumnet Name :	P8
Client Sample ID :	MH1KG2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:44:33	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	423359	413524	419646	418843	1.19	cps
Uranium	238-1	45265	43475	45190	44643	2.27	cps
Vanadium	51-2	76594	77053	74794	76147	1.57	cps
Ytterbium	172-1	4017	3567	3676	3753	6.26	cps
Ytterbium	172-2	1906	1939	1967	1937	1.58	cps
Ytterbium	176-1	2984	3000	3225	3070	4.40	cps
Ytterbium	176-2	5018	4912	5323	5084	4.20	cps
Yttrium	89-1	7217362	7779422	7830046	7608943	4.47	cps
Yttrium	89-2	1028392	1030373	1020395	1026387	0.51	cps
Zinc	66-2	306903	308615	305001	306840	0.59	cps
Zirconium	90-1	194295	199239	196032	196522	1.28	cps
Zirconium	91-1	42250	43096	42233	42526	1.16	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-11	Instrumnet Name :	P8
Client Sample ID :	MH1KG3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:47:28	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	434468	432869	437787	435041	0.58	cps
Antimony	121-1	17428	16869	16911	17069	1.82	cps
Arsenic	75-2	4696	4651	4756	4701	1.12	cps
Barium	135-1	326932	332669	338387	332663	1.72	cps
Barium	137-1	541898	574004	578175	564692	3.52	cps
Beryllium	9-1	948	1022	1012	994	4.04	cps
Bismuth	209-1	3198475	3142500	3176488	3172488	0.89	cps
Bismuth	209-2	1704373	1753193	1385214	1614260	12.38	cps
Boron	10-1	9881	10023	9727	9877	1.50	cps
Boron	11-1	45495	45367	44565	45142	1.12	cps
Bromine	81-1	42588	45480	44326	44132	3.30	cps
Cadmium	111-1	3890	3909	3682	3827	3.29	cps
Cadmium	106-1	2584	2600	2425	2536	3.81	cps
Cadmium	108-1	404	342	458	401	14.55	cps
Calcium	43-1	1188028	1203877	1136516	1176140	2.99	cps
Calcium	44-1	19222991	19203332	18919664	19115329	0.89	cps
Carbon	12-1	23768964	24247447	24406928	24141113	1.38	cps
Carbon	12-2	273851	274858	277712	275473	0.73	cps
Chlorine	35-1	39454377	44819604	48634744	44302908	10.41	cps
Chlorine	35-2	490700	491469	504226	495465	1.53	cps
Chromium	52-2	98389	96829	98534	97917	0.97	cps
Cobalt	59-2	24241	23276	23646	23721	2.05	cps
Copper	63-2	255804	249281	257403	254163	1.69	cps
Dysprosium	156-1	13924	13891	12898	13571	4.30	cps
Dysprosium	156-2	6388	6165	5948	6167	3.57	cps
Erbium	164-1	11105	10796	11138	11013	1.71	cps
Erbium	164-2	5024	4868	5061	4984	2.06	cps
Gadolinium	160-1	11530	12156	12122	11936	2.95	cps
Gadolinium	160-2	6278	6468	6472	6406	1.73	cps
Holmium	165-1	5452082	5552325	5757748	5587385	2.79	cps
Holmium	165-2	2661186	2759769	2264435	2561797	10.23	cps
Indium	115-1	5106371	5093604	5219371	5139782	1.35	cps
Indium	115-2	924861	935143	791679	883894	9.05	cps
Iron	54-2	2102601	1996735	2074891	2058076	2.67	cps
Iron	56-2	36679717	36240341	37097416	36672492	1.17	cps
Iron	57-2	855030	838704	859872	851202	1.30	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-11	Instrumnet Name :	P8
Client Sample ID :	MH1KG3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:47:28	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	787	717	757	753	4.66	cps
Lead	206-1	740653	757097	758186	751979	1.31	cps
Lead	207-1	628391	648841	645555	640929	1.71	cps
Lead	208-1	3041295	3054260	2969801	3021785	1.51	cps
Lithium	6-1	2162667	2182960	2118930	2154853	1.52	cps
Magnesium	24-2	1197917	1160358	1153466	1170580	2.04	cps
Manganese	55-2	849512	825655	851532	842233	1.71	cps
Molybdenum	94-1	17211	17078	17945	17411	2.68	cps
Molybdenum	95-1	9112	9020	8995	9042	0.68	cps
Molybdenum	96-1	12297	12581	12614	12498	1.39	cps
Molybdenum	97-1	4943	5576	5393	5304	6.15	cps
Molybdenum	98-1	13916	14833	14717	14489	3.45	cps
Neodymium	150-1	22873	23107	23421	23134	1.19	cps
Neodymium	150-2	8680	8176	8473	8443	3.00	cps
Nickel	60-2	23069	23059	22985	23038	0.20	cps
Phosphorus	31-2	13090	11814	13448	12784	6.72	cps
Potassium	39-2	1539076	1481009	1502113	1507399	1.95	cps
Rhodium	103-1	4813271	4824687	5027269	4888409	2.46	cps
Rhodium	103-2	2309443	2449728	2053412	2270861	8.85	cps
Scandium	45-1	3975753	4012552	3986012	3991439	0.48	cps
Scandium	45-2	161251	163186	137928	154122	9.12	cps
Selenium	82-1	137	171	142	150	12.03	cps
Selenium	77-2	43	40	40	41	4.68	cps
Selenium	78-2	150	147	129	142	8.00	cps
Silicon	28-1	2506168	2492837	2513548	2504184	0.42	cps
Silver	107-1	11271	10563	10613	10816	3.66	cps
Silver	109-1	10312	10229	9629	10057	3.71	cps
Sodium	23-2	11782317	11726684	11700722	11736575	0.36	cps
Strontium	86-1	367276	376338	368213	370609	1.34	cps
Strontium	88-1	3374852	3330215	3331152	3345407	0.76	cps
Sulfur	34-1	551455	552460	558459	554125	0.68	cps
Terbium	159-1	5792235	5939380	5956751	5896122	1.53	cps
Terbium	159-2	2646972	2716536	2296764	2553424	8.81	cps
Thallium	203-1	1133	1208	1358	1233	9.29	cps
Thallium	205-1	3342	3117	3084	3181	4.42	cps
Tin	118-1	160056	161443	161658	161052	0.54	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-11	Instrumnet Name :	P8
Client Sample ID :	MH1KG3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:47:28	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	165483	172935	165888	168102	2.49	cps
Uranium	238-1	24257	24750	21878	23628	6.50	cps
Vanadium	51-2	61056	59852	61271	60726	1.26	cps
Ytterbium	172-1	3284	3326	3225	3278	1.53	cps
Ytterbium	172-2	1639	1589	1756	1661	5.15	cps
Ytterbium	176-1	2550	2800	2200	2517	11.98	cps
Ytterbium	176-2	4890	5157	4790	4945	3.83	cps
Yttrium	89-1	8130566	8273803	8295612	8233327	1.09	cps
Yttrium	89-2	1053666	1057861	896903	1002810	9.15	cps
Zinc	66-2	250146	248551	247624	248773	0.51	cps
Zirconium	90-1	31428	33658	34118	33068	4.35	cps
Zirconium	91-1	7686	7302	7069	7352	4.24	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-12	Instrumnet Name :	P8
Client Sample ID :	MH1KG4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:50:28	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325711	323991	324206	324636	0.29	cps
Antimony	121-1	18580	18354	19097	18677	2.04	cps
Arsenic	75-2	3625	3674	3608	3636	0.94	cps
Barium	135-1	301424	308928	308472	306275	1.37	cps
Barium	137-1	515768	541348	534037	530384	2.48	cps
Beryllium	9-1	722	680	722	708	3.43	cps
Bismuth	209-1	3069931	3083319	3065768	3073006	0.30	cps
Bismuth	209-2	1718041	1603381	1740073	1687165	4.35	cps
Boron	10-1	8341	8549	8657	8515	1.89	cps
Boron	11-1	39184	39062	39489	39245	0.56	cps
Bromine	81-1	37870	37840	40139	38616	3.42	cps
Cadmium	111-1	4207	4131	4161	4166	0.93	cps
Cadmium	106-1	2684	2300	2617	2534	8.09	cps
Cadmium	108-1	371	404	417	397	5.96	cps
Calcium	43-1	971808	971047	1000720	981192	1.72	cps
Calcium	44-1	16237577	16238692	16651368	16375879	1.46	cps
Carbon	12-1	21452297	22345571	22429411	22075760	2.45	cps
Carbon	12-2	248461	256265	251303	252010	1.57	cps
Chlorine	35-1	41349742	46031932	51419656	46267110	10.89	cps
Chlorine	35-2	525973	544365	554631	541656	2.68	cps
Chromium	52-2	71649	71491	71662	71601	0.13	cps
Cobalt	59-2	21139	22374	22204	21906	3.06	cps
Copper	63-2	273699	279547	275060	276102	1.11	cps
Dysprosium	156-1	10296	11797	11013	11035	6.80	cps
Dysprosium	156-2	5268	5264	5208	5247	0.64	cps
Erbium	164-1	9078	8953	8761	8931	1.79	cps
Erbium	164-2	4094	4124	4047	4088	0.94	cps
Gadolinium	160-1	9754	9762	10138	9885	2.22	cps
Gadolinium	160-2	5278	5258	5418	5318	1.64	cps
Holmium	165-1	5275726	5396028	5323695	5331817	1.14	cps
Holmium	165-2	2745491	2668778	2713405	2709225	1.42	cps
Indium	115-1	5136013	5071769	4949124	5052302	1.88	cps
Indium	115-2	934015	928032	928025	930024	0.37	cps
Iron	54-2	1795999	1822838	1728519	1782452	2.73	cps
Iron	56-2	32073467	32392997	31701201	32055889	1.08	cps
Iron	57-2	738923	755957	732947	742609	1.61	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-12	Instrumnet Name :	P8
Client Sample ID :	MH1KG4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:50:28	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	740	750	733	741	1.13	cps
Lead	206-1	759374	762717	779571	767221	1.41	cps
Lead	207-1	668173	652726	661872	660924	1.18	cps
Lead	208-1	3016577	3066740	3172145	3085154	2.57	cps
Lithium	6-1	2063257	2078866	2114642	2085588	1.26	cps
Magnesium	24-2	924459	937385	928690	930178	0.71	cps
Manganese	55-2	645900	640576	629667	638714	1.30	cps
Molybdenum	94-1	21050	21760	21809	21540	1.97	cps
Molybdenum	95-1	7177	7661	8178	7672	6.52	cps
Molybdenum	96-1	11430	12239	11588	11753	3.65	cps
Molybdenum	97-1	4776	4634	4751	4720	1.60	cps
Molybdenum	98-1	11121	11522	11739	11461	2.73	cps
Neodymium	150-1	20356	20716	21191	20754	2.02	cps
Neodymium	150-2	7616	7526	7155	7432	3.28	cps
Nickel	60-2	21189	21159	21483	21277	0.84	cps
Phosphorus	31-2	10754	10512	10612	10626	1.14	cps
Potassium	39-2	1078166	1191796	1077842	1115935	5.89	cps
Rhodium	103-1	4898045	4884609	4727418	4836691	1.96	cps
Rhodium	103-2	2434185	2280138	2365119	2359814	3.27	cps
Scandium	45-1	3893523	3857735	3917481	3889580	0.77	cps
Scandium	45-2	162244	160164	163930	162113	1.16	cps
Selenium	82-1	135	165	177	159	13.68	cps
Selenium	77-2	53	27	37	39	34.63	cps
Selenium	78-2	131	140	125	132	5.72	cps
Silicon	28-1	2753911	2698009	2788912	2746944	1.67	cps
Silver	107-1	15851	15492	16569	15971	3.43	cps
Silver	109-1	14792	15901	16152	15615	4.64	cps
Sodium	23-2	7903165	8308454	8242205	8151274	2.67	cps
Strontium	86-1	332454	334691	334727	333957	0.39	cps
Strontium	88-1	2925771	2939725	2995077	2953524	1.24	cps
Sulfur	34-1	604265	585193	598797	596085	1.65	cps
Terbium	159-1	5940287	5759288	5700159	5799911	2.16	cps
Terbium	159-2	2691316	2725131	2704054	2706834	0.63	cps
Thallium	203-1	967	1342	1150	1153	16.27	cps
Thallium	205-1	2517	2209	2600	2442	8.45	cps
Tin	118-1	135532	139147	142976	139218	2.67	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-12	Instrumnet Name :	P8
Client Sample ID :	MH1KG4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:50:28	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150215	153863	156954	153677	2.20	cps
Uranium	238-1	18789	18372	19649	18937	3.44	cps
Vanadium	51-2	49281	49980	49345	49535	0.78	cps
Ytterbium	172-1	2625	2567	2809	2667	4.73	cps
Ytterbium	172-2	1456	1545	1511	1504	2.99	cps
Ytterbium	176-1	2225	2492	2175	2297	7.41	cps
Ytterbium	176-2	4729	4812	4962	4834	2.45	cps
Yttrium	89-1	8001227	8216321	7930324	8049290	1.85	cps
Yttrium	89-2	1042929	1031835	1041119	1038627	0.57	cps
Zinc	66-2	234683	229526	233353	232521	1.15	cps
Zirconium	90-1	50594	49381	51271	50415	1.90	cps
Zirconium	91-1	14333	11305	11030	12222	14.99	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-13	Instrumnet Name :	P8
Client Sample ID :	MH1KG5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:53:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395677	397849	386738	393421	1.50	cps
Antimony	121-1	20491	20082	20007	20193	1.29	cps
Arsenic	75-2	4777	4704	4826	4769	1.29	cps
Barium	135-1	329039	331927	333401	331456	0.67	cps
Barium	137-1	581711	579677	567340	576243	1.35	cps
Beryllium	9-1	892	934	972	933	4.29	cps
Bismuth	209-1	3024353	3033050	3277201	3111535	4.61	cps
Bismuth	209-2	1578760	1766941	1699291	1681664	5.67	cps
Boron	10-1	7364	7378	7538	7427	1.30	cps
Boron	11-1	34025	34289	34193	34169	0.39	cps
Bromine	81-1	44467	43321	43100	43629	1.68	cps
Cadmium	111-1	4091	4055	3957	4034	1.72	cps
Cadmium	106-1	2775	2417	2800	2664	8.05	cps
Cadmium	108-1	325	408	500	411	21.29	cps
Calcium	43-1	1383831	1419429	1351407	1384889	2.46	cps
Calcium	44-1	21878213	21839544	21688678	21802145	0.46	cps
Carbon	12-1	20816050	21117287	21459659	21130999	1.52	cps
Carbon	12-2	241950	241812	231831	238531	2.43	cps
Chlorine	35-1	39393424	44165057	47619014	43725832	9.45	cps
Chlorine	35-2	470817	481641	488530	480330	1.86	cps
Chromium	52-2	87030	89435	85222	87229	2.42	cps
Cobalt	59-2	24742	25580	25663	25328	2.01	cps
Copper	63-2	265248	262193	263157	263533	0.59	cps
Dysprosium	156-1	14099	13582	14300	13994	2.65	cps
Dysprosium	156-2	6342	6432	6488	6421	1.15	cps
Erbium	164-1	11280	11947	11155	11461	3.72	cps
Erbium	164-2	5218	5341	5161	5240	1.76	cps
Gadolinium	160-1	13024	12198	12348	12523	3.51	cps
Gadolinium	160-2	6802	6432	6705	6646	2.89	cps
Holmium	165-1	5481927	5573108	5673170	5576068	1.72	cps
Holmium	165-2	2702581	2662239	2710709	2691843	0.96	cps
Indium	115-1	5079689	5063426	5312203	5151772	2.70	cps
Indium	115-2	901844	922853	935611	920103	1.85	cps
Iron	54-2	2318303	2298230	2305817	2307450	0.44	cps
Iron	56-2	42173733	40953837	40951794	41359788	1.70	cps
Iron	57-2	953872	954484	936715	948357	1.06	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-13	Instrumnet Name :	P8
Client Sample ID :	MH1KG5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:53:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	777	750	783	770	2.29	cps
Lead	206-1	832837	828466	825007	828770	0.47	cps
Lead	207-1	724624	699866	709287	711259	1.76	cps
Lead	208-1	3424461	3344360	3405973	3391598	1.24	cps
Lithium	6-1	2132890	2085178	2106765	2108278	1.13	cps
Magnesium	24-2	1030579	967971	975857	991469	3.44	cps
Manganese	55-2	800922	792638	805750	799770	0.83	cps
Molybdenum	94-1	17328	18030	17670	17676	1.99	cps
Molybdenum	95-1	8920	8728	8545	8731	2.15	cps
Molybdenum	96-1	11914	12406	12264	12195	2.08	cps
Molybdenum	97-1	5326	5168	5276	5257	1.54	cps
Molybdenum	98-1	13515	13399	13740	13551	1.28	cps
Neodymium	150-1	23708	24603	22840	23717	3.72	cps
Neodymium	150-2	8266	8626	8436	8443	2.13	cps
Nickel	60-2	24668	23633	23954	24085	2.20	cps
Phosphorus	31-2	13448	12439	11697	12528	7.02	cps
Potassium	39-2	1043575	1055990	1028970	1042845	1.30	cps
Rhodium	103-1	4867973	4816369	4981912	4888751	1.73	cps
Rhodium	103-2	2341648	2378517	2384424	2368196	0.98	cps
Scandium	45-1	3942884	3990321	4109377	4014194	2.14	cps
Scandium	45-2	158580	160171	159670	159473	0.51	cps
Selenium	82-1	149	165	167	160	6.30	cps
Selenium	77-2	57	53	27	46	36.09	cps
Selenium	78-2	142	171	135	149	12.78	cps
Silicon	28-1	2626100	2619370	2684259	2643243	1.35	cps
Silver	107-1	10154	10129	9337	9873	4.71	cps
Silver	109-1	9103	9320	8995	9139	1.81	cps
Sodium	23-2	7324808	7394170	7429880	7382953	0.72	cps
Strontium	86-1	472146	483094	463840	473027	2.04	cps
Strontium	88-1	4272028	4290484	4303714	4288742	0.37	cps
Sulfur	34-1	555756	559378	555267	556800	0.40	cps
Terbium	159-1	5947014	5787575	6025074	5919888	2.04	cps
Terbium	159-2	2600219	2698634	2726572	2675142	2.48	cps
Thallium	203-1	1183	1458	1150	1264	13.39	cps
Thallium	205-1	2717	2550	2750	2673	4.01	cps
Tin	118-1	130891	131235	129593	130573	0.66	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-13	Instrumnet Name :	P8
Client Sample ID :	MH1KG5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:53:27	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	153375	151193	151791	152120	0.74	cps
Uranium	238-1	23072	23714	23289	23358	1.40	cps
Vanadium	51-2	65385	63025	64103	64171	1.84	cps
Ytterbium	172-1	3401	3509	3059	3323	7.07	cps
Ytterbium	172-2	1861	1706	1700	1756	5.21	cps
Ytterbium	176-1	2609	2667	2542	2606	2.40	cps
Ytterbium	176-2	4723	5268	5340	5110	6.60	cps
Yttrium	89-1	8136717	8108576	8357930	8201074	1.67	cps
Yttrium	89-2	1027543	1047107	1050777	1041809	1.20	cps
Zinc	66-2	254573	259545	253391	255837	1.28	cps
Zirconium	90-1	38497	33592	34094	35394	7.63	cps
Zirconium	91-1	7919	7411	7327	7552	4.24	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:56:26	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375509	370955	363150	369871	1.69	cps
Antimony	121-1	78249	80445	79448	79381	1.39	cps
Arsenic	75-2	5157	5092	5175	5142	0.85	cps
Barium	135-1	391289	396455	401596	396447	1.30	cps
Barium	137-1	685661	688993	686307	686987	0.26	cps
Beryllium	9-1	888	912	884	895	1.69	cps
Bismuth	209-1	3163373	3240242	3144767	3182794	1.59	cps
Bismuth	209-2	1715845	1669219	1811269	1732111	4.18	cps
Boron	10-1	13047	13626	14340	13671	4.74	cps
Boron	11-1	58413	62197	66991	62534	6.87	cps
Bromine	81-1	35030	35020	35974	35341	1.55	cps
Cadmium	111-1	18813	18423	19165	18801	1.97	cps
Cadmium	106-1	3642	4034	4451	4042	10.00	cps
Cadmium	108-1	1463	1471	1454	1463	0.57	cps
Calcium	43-1	1832138	1811440	1767221	1803600	1.84	cps
Calcium	44-1	29443783	29194624	29026200	29221536	0.72	cps
Carbon	12-1	19934701	20492713	21112041	20513152	2.87	cps
Carbon	12-2	231881	232124	228038	230681	0.99	cps
Chlorine	35-1	43952271	48956264	53807719	48905418	10.08	cps
Chlorine	35-2	550881	557031	578016	561976	2.53	cps
Chromium	52-2	90649	88127	87030	88602	2.09	cps
Cobalt	59-2	28479	28706	28602	28596	0.40	cps
Copper	63-2	701297	693576	694993	696622	0.59	cps
Dysprosium	156-1	12181	12498	12982	12553	3.21	cps
Dysprosium	156-2	5821	5661	5518	5667	2.68	cps
Erbium	164-1	12923	13491	13199	13204	2.15	cps
Erbium	164-2	5921	5901	5548	5790	3.63	cps
Gadolinium	160-1	11063	11622	11697	11461	3.02	cps
Gadolinium	160-2	5885	5925	5868	5892	0.49	cps
Holmium	165-1	5536535	5633901	5328687	5499708	2.83	cps
Holmium	165-2	2698333	2595132	2776578	2690014	3.38	cps
Indium	115-1	4919157	4858107	5018243	4931836	1.64	cps
Indium	115-2	900683	895249	961252	919061	3.99	cps
Iron	54-2	3026848	3033556	3031747	3030717	0.11	cps
Iron	56-2	55010042	52958308	51572478	53180276	3.25	cps
Iron	57-2	1372186	1215273	1213669	1267043	7.19	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:56:26	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	720	810	770	5.95	cps
Lead	206-1	48718293	50052740	49255816	49342283	1.36	cps
Lead	207-1	37948129	38524959	38209055	38227381	0.76	cps
Lead	208-1	181234599	182674429	181714662	181874563	0.40	cps
Lithium	6-1	2070905	2083738	2075652	2076765	0.31	cps
Magnesium	24-2	1378760	1276521	1296377	1317220	4.12	cps
Manganese	55-2	765523	751811	749915	755750	1.13	cps
Molybdenum	94-1	15909	16085	15852	15949	0.76	cps
Molybdenum	95-1	11338	11680	11889	11636	2.39	cps
Molybdenum	96-1	15818	14542	15434	15264	4.29	cps
Molybdenum	97-1	7302	7002	7469	7258	3.26	cps
Molybdenum	98-1	18212	17678	17486	17792	2.11	cps
Neodymium	150-1	28364	28497	28598	28486	0.41	cps
Neodymium	150-2	10261	10317	10007	10195	1.62	cps
Nickel	60-2	122722	121290	117300	120437	2.33	cps
Phosphorus	31-2	16243	15943	16718	16301	2.40	cps
Potassium	39-2	1099158	1073959	1080153	1084423	1.21	cps
Rhodium	103-1	4817002	4881494	4847948	4848815	0.67	cps
Rhodium	103-2	2316811	2342260	2473286	2377453	3.53	cps
Scandium	45-1	3880612	3977339	3942420	3933457	1.25	cps
Scandium	45-2	160433	160592	170401	163809	3.49	cps
Selenium	82-1	190	259	191	213	18.41	cps
Selenium	77-2	43	33	57	44	26.35	cps
Selenium	78-2	119	143	145	136	10.67	cps
Silicon	28-1	3426978	3980113	3654399	3687163	7.54	cps
Silver	107-1	15334	15134	15376	15281	0.85	cps
Silver	109-1	15092	16260	15885	15746	3.79	cps
Sodium	23-2	5964997	5909293	5890487	5921592	0.65	cps
Strontium	86-1	754465	745164	749154	749595	0.62	cps
Strontium	88-1	6661926	6730640	6802559	6731708	1.04	cps
Sulfur	34-1	888699	874093	883931	882241	0.84	cps
Terbium	159-1	5541627	5859325	5708572	5703175	2.79	cps
Terbium	159-2	2715331	2617391	2850115	2727613	4.28	cps
Thallium	203-1	850	1233	1117	1067	18.42	cps
Thallium	205-1	2500	2675	2525	2567	3.69	cps
Tin	118-1	4247243	4312158	4318432	4292611	0.92	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:56:26	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	153575	158776	158307	156886	1.83	cps
Uranium	238-1	30095	30780	30663	30513	1.20	cps
Vanadium	51-2	70496	68500	69190	69395	1.46	cps
Ytterbium	172-1	3225	3034	3059	3106	3.36	cps
Ytterbium	172-2	1750	1517	1456	1574	9.87	cps
Ytterbium	176-1	2300	2875	2509	2561	11.37	cps
Ytterbium	176-2	4751	4784	5240	4925	5.55	cps
Yttrium	89-1	8092031	8133049	8140336	8121805	0.32	cps
Yttrium	89-2	1046522	1025084	1109306	1060304	4.13	cps
Zinc	66-2	579784	570879	563973	571545	1.39	cps
Zirconium	90-1	29040	25801	26652	27164	6.18	cps
Zirconium	91-1	5476	5926	5926	5776	4.50	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-15	Instrumnet Name :	P8
Client Sample ID :	MH1KG7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:59:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359353	356139	355735	357076	0.56	cps
Antimony	121-1	28915	29140	28748	28934	0.68	cps
Arsenic	75-2	7352	7404	7463	7406	0.75	cps
Barium	135-1	267000	267975	274338	269771	1.48	cps
Barium	137-1	460888	468676	471308	466957	1.16	cps
Beryllium	9-1	590	620	632	614	3.52	cps
Bismuth	209-1	3166970	3213955	3099932	3160285	1.81	cps
Bismuth	209-2	1750373	1744894	1607359	1700875	4.76	cps
Boron	10-1	9667	9885	9811	9788	1.13	cps
Boron	11-1	45684	46453	47084	46407	1.51	cps
Bromine	81-1	28960	30003	30675	29879	2.89	cps
Cadmium	111-1	2734	2613	2393	2580	6.69	cps
Cadmium	106-1	2700	2534	2475	2570	4.55	cps
Cadmium	108-1	333	375	450	386	15.31	cps
Calcium	43-1	932137	941959	938728	937608	0.53	cps
Calcium	44-1	16119753	16275767	15895343	16096954	1.19	cps
Carbon	12-1	24993344	25424030	25268706	25228693	0.86	cps
Carbon	12-2	280644	280037	283138	281273	0.58	cps
Chlorine	35-1	41561080	45981561	50782221	46108287	10.00	cps
Chlorine	35-2	519771	534470	543731	532657	2.27	cps
Chromium	52-2	58958	58482	58038	58493	0.79	cps
Cobalt	59-2	56662	56144	55916	56241	0.68	cps
Copper	63-2	366032	362832	355704	361523	1.46	cps
Dysprosium	156-1	11689	11072	12306	11689	5.28	cps
Dysprosium	156-2	5551	5221	5338	5370	3.12	cps
Erbium	164-1	8336	8795	8294	8475	3.28	cps
Erbium	164-2	3954	4101	3921	3992	2.40	cps
Gadolinium	160-1	9479	9187	10012	9559	4.38	cps
Gadolinium	160-2	5171	5378	4961	5170	4.03	cps
Holmium	165-1	5304631	5523095	5518049	5448591	2.29	cps
Holmium	165-2	2706940	2685680	2607822	2666814	1.96	cps
Indium	115-1	5007243	4939860	5088758	5011954	1.49	cps
Indium	115-2	918918	926972	914067	919986	0.71	cps
Iron	54-2	1436700	1448124	1452779	1445867	0.57	cps
Iron	56-2	26059806	25213435	24987246	25420162	2.22	cps
Iron	57-2	599617	592421	581061	591033	1.58	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-15	Instrumnet Name :	P8
Client Sample ID :	MH1KG7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:59:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	683	740	697	5.52	cps
Lead	206-1	595194	571678	596091	587654	2.36	cps
Lead	207-1	501239	494291	480262	491931	2.17	cps
Lead	208-1	2343067	2289354	2273993	2302138	1.58	cps
Lithium	6-1	2089237	2082935	2107495	2093222	0.61	cps
Magnesium	24-2	1811232	1807492	1774645	1797789	1.12	cps
Manganese	55-2	405246	404096	409635	406326	0.72	cps
Molybdenum	94-1	37770	36581	39952	38101	4.49	cps
Molybdenum	95-1	7019	6435	6727	6727	4.34	cps
Molybdenum	96-1	14278	15797	14008	14694	6.56	cps
Molybdenum	97-1	4259	4151	4192	4201	1.30	cps
Molybdenum	98-1	10696	11046	10946	10896	1.66	cps
Neodymium	150-1	20195	20830	22052	21026	4.49	cps
Neodymium	150-2	7832	7979	7586	7799	2.55	cps
Nickel	60-2	27804	26979	27834	27539	1.76	cps
Phosphorus	31-2	9045	8936	9145	9042	1.15	cps
Potassium	39-2	713922	708858	703642	708807	0.73	cps
Rhodium	103-1	4892637	4803070	4819484	4838397	0.99	cps
Rhodium	103-2	2367377	2422633	2364471	2384827	1.37	cps
Scandium	45-1	4053210	3958603	3980890	3997568	1.24	cps
Scandium	45-2	160114	162637	158615	160456	1.27	cps
Selenium	82-1	223	237	149	203	23.33	cps
Selenium	77-2	27	43	33	34	24.35	cps
Selenium	78-2	132	125	115	124	6.89	cps
Silicon	28-1	2419300	2365525	2416424	2400416	1.26	cps
Silver	107-1	13190	12398	12573	12720	3.27	cps
Silver	109-1	12715	13107	11730	12517	5.67	cps
Sodium	23-2	3147258	3141861	3078751	3122623	1.22	cps
Strontium	86-1	264501	256699	258906	260035	1.55	cps
Strontium	88-1	2381862	2295952	2357111	2344975	1.89	cps
Sulfur	34-1	486667	473458	479839	479988	1.38	cps
Terbium	159-1	5778545	5769570	5710295	5752803	0.64	cps
Terbium	159-2	2722339	2685483	2615475	2674432	2.03	cps
Thallium	203-1	1017	833	1025	958	11.30	cps
Thallium	205-1	2375	2167	2334	2292	4.81	cps
Tin	118-1	68881	66781	63917	66526	3.75	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-15	Instrumnet Name :	P8
Client Sample ID :	MH1KG7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 16:59:19	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	181996	183680	180443	182040	0.89	cps
Uranium	238-1	16111	16586	16711	16469	1.92	cps
Vanadium	51-2	47007	47178	46455	46880	0.81	cps
Ytterbium	172-1	2459	2434	2817	2570	8.35	cps
Ytterbium	172-2	1411	1339	1372	1374	2.63	cps
Ytterbium	176-1	2200	2250	1934	2128	8.00	cps
Ytterbium	176-2	4662	4929	4595	4729	3.73	cps
Yttrium	89-1	8336548	8030091	7875506	8080715	2.90	cps
Yttrium	89-2	1032620	1043526	1026468	1034205	0.84	cps
Zinc	66-2	194057	194774	187876	192236	1.97	cps
Zirconium	90-1	106254	124410	95651	108772	13.37	cps
Zirconium	91-1	22147	21479	20225	21284	4.58	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-16	Instrumnet Name :	P8
Client Sample ID :	MH1KG8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:02:20	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483862	480665	478908	481145	0.52	cps
Antimony	121-1	132514	135173	132044	133244	1.27	cps
Arsenic	75-2	4859	4766	4975	4867	2.15	cps
Barium	135-1	596696	598601	583681	592993	1.37	cps
Barium	137-1	1014863	1027277	1004876	1015672	1.10	cps
Beryllium	9-1	764	772	776	771	0.79	cps
Bismuth	209-1	3210593	2998690	3111089	3106791	3.41	cps
Bismuth	209-2	1753542	1811220	1676186	1746983	3.88	cps
Boron	10-1	13952	14476	14620	14350	2.45	cps
Boron	11-1	65583	68418	69388	67796	2.92	cps
Bromine	81-1	34869	33254	35030	34384	2.86	cps
Cadmium	111-1	3715	3702	3612	3677	1.52	cps
Cadmium	106-1	2534	2659	2692	2628	3.18	cps
Cadmium	108-1	588	592	554	578	3.56	cps
Calcium	43-1	1784093	1853982	1845602	1827892	2.09	cps
Calcium	44-1	28553520	29138073	29883958	29191850	2.28	cps
Carbon	12-1	28723488	29763267	30299872	29595542	2.71	cps
Carbon	12-2	311081	324926	322061	319356	2.29	cps
Chlorine	35-1	39429031	43533186	46365742	43109320	8.09	cps
Chlorine	35-2	460209	471593	492623	474808	3.46	cps
Chromium	52-2	136441	136146	137152	136580	0.38	cps
Cobalt	59-2	25770	26164	25660	25865	1.02	cps
Copper	63-2	557127	550547	550581	552752	0.69	cps
Dysprosium	156-1	12573	12389	12414	12459	0.80	cps
Dysprosium	156-2	5781	5921	5511	5738	3.63	cps
Erbium	164-1	9996	9771	9470	9745	2.70	cps
Erbium	164-2	4487	4651	4267	4469	4.31	cps
Gadolinium	160-1	10671	10788	10955	10805	1.32	cps
Gadolinium	160-2	5738	5638	5535	5637	1.80	cps
Holmium	165-1	5428731	5125471	5352202	5302135	2.97	cps
Holmium	165-2	2789860	2705592	2718134	2737862	1.66	cps
Indium	115-1	5054136	4769022	4798229	4873795	3.22	cps
Indium	115-2	939004	915357	904706	919689	1.91	cps
Iron	54-2	1732508	1669660	1707040	1703069	1.86	cps
Iron	56-2	29951456	30518466	30797972	30422631	1.42	cps
Iron	57-2	706745	709009	706521	707425	0.19	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-16	Instrumnet Name :	P8
Client Sample ID :	MH1KG8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:02:20	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	773	720	723	739	4.04	cps
Lead	206-1	1200062	1202741	1178139	1193647	1.13	cps
Lead	207-1	1019572	1012739	1011153	1014488	0.44	cps
Lead	208-1	4841222	4886834	4892372	4873476	0.58	cps
Lithium	6-1	2070383	1997370	2051332	2039695	1.86	cps
Magnesium	24-2	3518577	3519618	3579011	3539069	0.98	cps
Manganese	55-2	656936	646047	658883	653955	1.06	cps
Molybdenum	94-1	20383	21360	19766	20503	3.92	cps
Molybdenum	95-1	11188	11071	10696	10985	2.34	cps
Molybdenum	96-1	15417	14083	14358	14619	4.82	cps
Molybdenum	97-1	6743	6727	6844	6771	0.93	cps
Molybdenum	98-1	17128	16585	17612	17108	3.00	cps
Neodymium	150-1	21304	20156	21244	20901	3.09	cps
Neodymium	150-2	7732	7562	7762	7686	1.40	cps
Nickel	60-2	42199	42473	42096	42256	0.46	cps
Phosphorus	31-2	9537	9070	9645	9417	3.25	cps
Potassium	39-2	1507549	1504232	1507892	1506558	0.13	cps
Rhodium	103-1	4805073	4551554	4699742	4685456	2.72	cps
Rhodium	103-2	2417505	2364541	2316099	2366048	2.14	cps
Scandium	45-1	3928400	3628562	3958476	3838479	4.75	cps
Scandium	45-2	166090	162169	156834	161697	2.87	cps
Selenium	82-1	476	508	537	507	5.99	cps
Selenium	77-2	67	73	67	69	5.58	cps
Selenium	78-2	176	190	202	189	6.87	cps
Silicon	28-1	2462300	2416594	2508735	2462543	1.87	cps
Silver	107-1	14842	14491	14408	14580	1.58	cps
Silver	109-1	13615	14041	14149	13935	2.03	cps
Sodium	23-2	9705305	10102023	10073755	9960361	2.22	cps
Strontium	86-1	409865	426930	408568	415121	2.47	cps
Strontium	88-1	3678682	3760396	3662231	3700437	1.42	cps
Sulfur	34-1	626702	611743	610040	616162	1.49	cps
Terbium	159-1	5719796	5548372	5551128	5606432	1.75	cps
Terbium	159-2	2710277	2664332	2687156	2687255	0.85	cps
Thallium	203-1	1017	1033	1092	1047	3.76	cps
Thallium	205-1	2475	2700	2509	2561	4.74	cps
Tin	118-1	120975	123044	120336	121452	1.17	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-16	Instrumnet Name :	P8
Client Sample ID :	MH1KG8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:02:20	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	246300	243269	243426	244332	0.70	cps
Uranium	238-1	19908	21803	21419	21043	4.76	cps
Vanadium	51-2	50007	50077	50282	50122	0.28	cps
Ytterbium	172-1	2525	2500	2834	2620	7.09	cps
Ytterbium	172-2	1450	1506	1572	1509	4.05	cps
Ytterbium	176-1	2292	2225	2375	2297	3.27	cps
Ytterbium	176-2	4784	4807	4595	4729	2.45	cps
Yttrium	89-1	8120319	7740147	8132967	7997811	2.79	cps
Yttrium	89-2	1068947	1043142	1043017	1051702	1.42	cps
Zinc	66-2	373806	371139	378461	374468	0.99	cps
Zirconium	90-1	44687	39863	40454	41668	6.31	cps
Zirconium	91-1	8987	9121	9021	9043	0.77	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-17	Instrumnet Name :	P8
Client Sample ID :	MH1KG9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:05:27	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	418091	413890	400265	410749	2.27	cps
Antimony	121-1	178253	179934	176708	178298	0.90	cps
Arsenic	75-2	4256	4258	4175	4230	1.12	cps
Barium	135-1	373833	366043	362832	367569	1.54	cps
Barium	137-1	625360	622881	619536	622592	0.47	cps
Beryllium	9-1	608	608	628	615	1.88	cps
Bismuth	209-1	3176507	3166852	3262269	3201876	1.64	cps
Bismuth	209-2	1540964	1755365	1677476	1657935	6.55	cps
Boron	10-1	17915	18800	18790	18502	2.75	cps
Boron	11-1	82046	86987	88535	85856	3.95	cps
Bromine	81-1	33344	32702	34357	33468	2.49	cps
Cadmium	111-1	3345	3483	3158	3329	4.91	cps
Cadmium	106-1	2867	2492	2775	2711	7.21	cps
Cadmium	108-1	500	483	533	506	5.04	cps
Calcium	43-1	2007787	2075213	2055925	2046308	1.70	cps
Calcium	44-1	31577023	32499750	32134868	32070547	1.45	cps
Carbon	12-1	28775433	29476649	29619015	29290366	1.54	cps
Carbon	12-2	324937	324478	315688	321701	1.62	cps
Chlorine	35-1	36548928	41519495	43854773	40641065	9.18	cps
Chlorine	35-2	439981	458386	463849	454072	2.75	cps
Chromium	52-2	104710	104372	100934	103339	2.02	cps
Cobalt	59-2	23810	22932	23096	23279	2.01	cps
Copper	63-2	454109	446083	428229	442807	2.99	cps
Dysprosium	156-1	9746	10296	10054	10032	2.75	cps
Dysprosium	156-2	4768	4614	4558	4646	2.34	cps
Erbium	164-1	8078	7828	7661	7855	2.67	cps
Erbium	164-2	3561	3897	3811	3756	4.66	cps
Gadolinium	160-1	8436	8561	8928	8642	2.96	cps
Gadolinium	160-2	4804	4651	4481	4645	3.48	cps
Holmium	165-1	5525863	5339920	5421116	5428966	1.72	cps
Holmium	165-2	2484992	2717968	2587411	2596790	4.50	cps
Indium	115-1	4980130	5029418	5200919	5070156	2.29	cps
Indium	115-2	853233	904724	897106	885021	3.14	cps
Iron	54-2	1487942	1461100	1399606	1449550	3.12	cps
Iron	56-2	26273653	26046916	25878694	26066421	0.76	cps
Iron	57-2	621181	615972	601583	612912	1.66	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-17	Instrumnet Name :	P8
Client Sample ID :	MH1KG9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:05:27	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	717	853	820	797	8.95	cps
Lead	206-1	717136	731438	723976	724183	0.99	cps
Lead	207-1	616343	624060	619019	619807	0.63	cps
Lead	208-1	2832267	2841101	2847535	2840301	0.27	cps
Lithium	6-1	2086347	2103750	2076550	2088882	0.66	cps
Magnesium	24-2	3154425	3282197	3082029	3172884	3.19	cps
Manganese	55-2	545393	546479	527598	539823	1.96	cps
Molybdenum	94-1	28338	28848	28663	28616	0.90	cps
Molybdenum	95-1	10087	9595	9420	9701	3.57	cps
Molybdenum	96-1	14491	14141	15067	14566	3.21	cps
Molybdenum	97-1	6018	5426	6010	5818	5.83	cps
Molybdenum	98-1	15284	15150	15384	15273	0.77	cps
Neodymium	150-1	17038	17365	17538	17314	1.47	cps
Neodymium	150-2	5761	5995	5958	5905	2.13	cps
Nickel	60-2	56887	55461	55210	55853	1.62	cps
Phosphorus	31-2	7961	8069	8227	8086	1.66	cps
Potassium	39-2	1682036	1666353	1615436	1654609	2.10	cps
Rhodium	103-1	4741299	4792356	4956410	4830022	2.33	cps
Rhodium	103-2	2209154	2363001	2291065	2287740	3.36	cps
Scandium	45-1	3824950	3915853	4075105	3938636	3.21	cps
Scandium	45-2	152610	161057	158657	157441	2.76	cps
Selenium	82-1	207	97	143	149	37.00	cps
Selenium	77-2	20	40	37	32	33.25	cps
Selenium	78-2	145	135	115	132	11.60	cps
Silicon	28-1	2199068	2274393	2284299	2252587	2.07	cps
Silver	107-1	12906	13457	13832	13399	3.48	cps
Silver	109-1	12147	12890	13007	12681	3.68	cps
Sodium	23-2	32861323	32515554	31415316	32264064	2.34	cps
Strontium	86-1	513234	522560	515972	517255	0.93	cps
Strontium	88-1	4484530	4544319	4468703	4499184	0.89	cps
Sulfur	34-1	736306	733135	718630	729357	1.29	cps
Terbium	159-1	5724492	5750984	5900921	5792132	1.64	cps
Terbium	159-2	2490491	2640020	2675969	2602160	3.78	cps
Thallium	203-1	900	875	783	853	7.20	cps
Thallium	205-1	2017	1959	1859	1945	4.12	cps
Tin	118-1	100611	101308	99763	100561	0.77	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-17	Instrumnet Name :	P8
Client Sample ID :	MH1KG9	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:05:27	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200077	203295	206029	203134	1.47	cps
Uranium	238-1	18981	19006	18814	18934	0.55	cps
Vanadium	51-2	41286	40912	39979	40726	1.65	cps
Ytterbium	172-1	2500	2434	2334	2423	3.46	cps
Ytterbium	172-2	1206	1300	1106	1204	8.08	cps
Ytterbium	176-1	1992	2117	2200	2103	4.99	cps
Ytterbium	176-2	4351	4695	4962	4669	6.56	cps
Yttrium	89-1	8030091	8047459	8179578	8085709	1.01	cps
Yttrium	89-2	977278	1015066	1026050	1006131	2.54	cps
Zinc	66-2	328089	320777	319698	322855	1.41	cps
Zirconium	90-1	63328	64056	64719	64034	1.09	cps
Zirconium	91-1	13907	14166	16334	14803	9.00	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	2
Date & Time Acquired ::	2022-01-14 17:08:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	239042	234410	231844	235098	1.55	cps
Antimony	121-1	16852	16827	17720	17133	2.97	cps
Arsenic	75-2	912	852	827	864	5.06	cps
Barium	135-1	123756	121259	127609	124208	2.58	cps
Barium	137-1	212584	213993	217821	214799	1.26	cps
Beryllium	9-1	450	392	402	415	7.48	cps
Bismuth	209-1	3083377	3459533	2993159	3178690	7.78	cps
Bismuth	209-2	1592499	1709598	1727035	1676377	4.36	cps
Boron	10-1	9255	9885	9673	9605	3.34	cps
Boron	11-1	44324	44466	46880	45223	3.18	cps
Bromine	81-1	25419	25490	26061	25657	1.37	cps
Cadmium	111-1	2885	2741	2898	2841	3.06	cps
Cadmium	106-1	2834	2650	2500	2661	6.27	cps
Cadmium	108-1	550	404	521	492	15.70	cps
Calcium	43-1	1023383	1041784	1067982	1044383	2.15	cps
Calcium	44-1	17385336	17081684	18118655	17528558	3.04	cps
Carbon	12-1	13314553	13442945	13573337	13443612	0.96	cps
Carbon	12-2	151580	149415	148821	149939	0.97	cps
Chlorine	35-1	24302018	25640756	26778071	25573615	4.85	cps
Chlorine	35-2	265850	263764	259975	263196	1.13	cps
Chromium	52-2	49606	48589	49499	49231	1.14	cps
Cobalt	59-2	9843	9924	9587	9785	1.80	cps
Copper	63-2	313685	313757	310739	312727	0.55	cps
Dysprosium	156-1	5518	5276	5810	5535	4.83	cps
Dysprosium	156-2	2497	2714	2654	2621	4.27	cps
Erbium	164-1	4342	4743	4618	4568	4.48	cps
Erbium	164-2	2014	2257	2167	2146	5.73	cps
Gadolinium	160-1	4609	4651	4826	4695	2.45	cps
Gadolinium	160-2	2550	2570	2684	2601	2.76	cps
Holmium	165-1	5358044	6000595	5113605	5490748	8.34	cps
Holmium	165-2	2689614	2628177	2703560	2673784	1.50	cps
Indium	115-1	4861609	5631339	4796707	5096552	9.11	cps
Indium	115-2	893877	915206	919253	909445	1.50	cps
Iron	54-2	745782	744403	719107	736431	2.04	cps
Iron	56-2	14482722	14437017	13831286	14250342	2.55	cps
Iron	57-2	333925	332669	324647	330414	1.52	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	2
Date & Time Acquired ::	2022-01-14 17:08:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	747	743	747	746	0.26	cps
Lead	206-1	500518	503894	505856	503423	0.54	cps
Lead	207-1	430144	419699	437909	429251	2.13	cps
Lead	208-1	1964342	1956092	1997387	1972607	1.11	cps
Lithium	6-1	2009755	2227021	1984412	2073729	6.43	cps
Magnesium	24-2	1431316	1432379	1375292	1412996	2.31	cps
Manganese	55-2	354799	350995	341170	348988	2.02	cps
Molybdenum	94-1	29367	23645	28988	27334	11.71	cps
Molybdenum	95-1	5535	4909	5743	5396	8.04	cps
Molybdenum	96-1	10055	10296	9287	9879	5.33	cps
Molybdenum	97-1	3275	3517	3826	3539	7.79	cps
Molybdenum	98-1	8828	8686	9120	8878	2.49	cps
Neodymium	150-1	10144	10271	11051	10489	4.68	cps
Neodymium	150-2	3904	3781	3891	3858	1.76	cps
Nickel	60-2	18626	18669	18612	18636	0.16	cps
Phosphorus	31-2	4026	3426	3492	3648	9.02	cps
Potassium	39-2	394350	389338	381065	388251	1.73	cps
Rhodium	103-1	4629551	5371672	4666966	4889396	8.55	cps
Rhodium	103-2	2304087	2319499	2371280	2331622	1.51	cps
Scandium	45-1	3700448	4228658	3680827	3869978	8.03	cps
Scandium	45-2	154011	153212	158971	155398	2.01	cps
Selenium	82-1	148	118	84	117	27.45	cps
Selenium	77-2	17	7	27	17	59.99	cps
Selenium	78-2	124	118	113	118	4.65	cps
Silicon	28-1	1575652	1551526	1560563	1562580	0.78	cps
Silver	107-1	4042	4426	4818	4429	8.75	cps
Silver	109-1	4176	4034	4109	4106	1.73	cps
Sodium	23-2	9651705	9862837	9329664	9614735	2.79	cps
Strontium	86-1	275885	272064	283458	277136	2.09	cps
Strontium	88-1	2478006	2445087	2503923	2475672	1.19	cps
Sulfur	34-1	940910	955868	943331	946703	0.85	cps
Terbium	159-1	5543059	6172691	5513485	5743078	6.48	cps
Terbium	159-2	2646644	2701061	2621880	2656528	1.52	cps
Thallium	203-1	550	567	683	600	12.11	cps
Thallium	205-1	1400	1408	1325	1378	3.33	cps
Tin	118-1	120412	115673	119512	118532	2.12	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MH1KG1	Dilution Factor :	2
Date & Time Acquired ::	2022-01-14 17:08:25	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	97741	100351	101620	99904	1.98	cps
Uranium	238-1	9829	9762	10180	9924	2.26	cps
Vanadium	51-2	22000	22221	20772	21664	3.60	cps
Ytterbium	172-1	1292	1342	1325	1320	1.93	cps
Ytterbium	172-2	622	661	789	691	12.62	cps
Ytterbium	176-1	1325	1400	1408	1378	3.33	cps
Ytterbium	176-2	4084	4306	4362	4251	3.46	cps
Yttrium	89-1	7563637	8812870	7380730	7919079	9.84	cps
Yttrium	89-2	1000001	989445	1016791	1002079	1.38	cps
Zinc	66-2	1877817	1844071	1767175	1829688	3.10	cps
Zirconium	90-1	68648	61475	54410	61511	11.57	cps
Zirconium	91-1	11306	13971	12766	12681	10.53	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 17:11:24	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69673	71055	72706	71145	2.13	cps
Antimony	121-1	14992	15384	15159	15178	1.30	cps
Arsenic	75-2	918	964	980	954	3.37	cps
Barium	135-1	76232	74044	75418	75231	1.47	cps
Barium	137-1	130775	128569	130124	129823	0.87	cps
Beryllium	9-1	230	246	184	220	14.63	cps
Bismuth	209-1	2933587	2985342	2886074	2935001	1.69	cps
Bismuth	209-2	1501469	1680057	1588190	1589905	5.62	cps
Boron	10-1	5092	5020	4986	5033	1.08	cps
Boron	11-1	22753	23042	23548	23114	1.74	cps
Bromine	81-1	25038	25259	27155	25817	4.51	cps
Cadmium	111-1	3741	3665	3721	3709	1.05	cps
Cadmium	106-1	2017	2100	2009	2042	2.48	cps
Cadmium	108-1	304	242	267	271	11.61	cps
Calcium	43-1	319449	319084	318072	318869	0.22	cps
Calcium	44-1	5369349	5391744	5375216	5378770	0.22	cps
Carbon	12-1	7598791	7513869	7629539	7580733	0.79	cps
Carbon	12-2	81594	83572	82726	82630	1.20	cps
Chlorine	35-1	16294101	16408248	16419998	16374116	0.42	cps
Chlorine	35-2	155471	159608	159775	158285	1.54	cps
Chromium	52-2	17227	17224	17915	17455	2.28	cps
Cobalt	59-2	5398	5414	5421	5411	0.22	cps
Copper	63-2	133964	136269	135108	135113	0.85	cps
Dysprosium	156-1	2517	2117	2209	2281	9.19	cps
Dysprosium	156-2	1193	1083	1267	1181	7.81	cps
Erbium	164-1	2242	2542	2142	2309	9.02	cps
Erbium	164-2	1200	1100	1113	1138	4.77	cps
Gadolinium	160-1	1925	2142	2234	2100	7.54	cps
Gadolinium	160-2	1187	1140	1230	1186	3.80	cps
Holmium	165-1	5093076	5139435	5143378	5125296	0.55	cps
Holmium	165-2	2562529	2652457	2590717	2601901	1.77	cps
Indium	115-1	4856855	4771760	4799973	4809529	0.90	cps
Indium	115-2	874242	906907	894500	891883	1.85	cps
Iron	54-2	521155	531897	540202	531084	1.80	cps
Iron	56-2	10133560	9797985	10254951	10062165	2.35	cps
Iron	57-2	232840	232221	239775	234945	1.79	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 17:11:24	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	737	647	780	721	9.43	cps
Lead	206-1	9110271	9371244	9166250	9215922	1.49	cps
Lead	207-1	7309125	7162609	7080558	7184098	1.61	cps
Lead	208-1	34323689	34125955	33645511	34031718	1.02	cps
Lithium	6-1	1935667	1995064	1920830	1950520	2.01	cps
Magnesium	24-2	231373	238125	242673	237390	2.40	cps
Manganese	55-2	143533	144122	146622	144759	1.13	cps
Molybdenum	94-1	3142	2992	3542	3226	8.82	cps
Molybdenum	95-1	2109	2284	2050	2147	5.66	cps
Molybdenum	96-1	2750	3075	3584	3137	13.39	cps
Molybdenum	97-1	1408	1400	1308	1372	4.04	cps
Molybdenum	98-1	3350	3384	3025	3253	6.09	cps
Neodymium	150-1	5375	5381	5361	5372	0.19	cps
Neodymium	150-2	1923	1860	2050	1945	4.98	cps
Nickel	60-2	23803	23543	24214	23853	1.42	cps
Phosphorus	31-2	3100	3342	3367	3270	4.50	cps
Potassium	39-2	221857	226531	233061	227150	2.48	cps
Rhodium	103-1	4537109	4770601	4496681	4601464	3.21	cps
Rhodium	103-2	2322536	2380483	2322045	2341688	1.43	cps
Scandium	45-1	3621026	3750622	3687003	3686217	1.76	cps
Scandium	45-2	150141	153324	154670	152711	1.52	cps
Selenium	82-1	39	101	20	54	79.35	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	115	87	92	98	15.24	cps
Silicon	28-1	1126319	1142159	1106664	1125047	1.58	cps
Silver	107-1	2892	3184	3059	3045	4.81	cps
Silver	109-1	3225	2742	2759	2909	9.43	cps
Sodium	23-2	1136395	1215344	1193636	1181792	3.45	cps
Strontium	86-1	140990	140993	141843	141275	0.35	cps
Strontium	88-1	1209696	1207284	1191647	1202876	0.81	cps
Sulfur	34-1	410007	406793	412789	409863	0.73	cps
Terbium	159-1	5407410	5432777	5459396	5433194	0.48	cps
Terbium	159-2	2566752	2676736	2653159	2632215	2.20	cps
Thallium	203-1	433	417	342	397	12.29	cps
Thallium	205-1	825	908	800	844	6.72	cps
Tin	118-1	773197	755766	766395	765119	1.15	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-14DLX5	Instrumnet Name :	P8
Client Sample ID :	MH1KG6	Dilution Factor :	5
Date & Time Acquired ::	2022-01-14 17:11:24	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	29573	28980	30308	29620	2.25	cps
Uranium	238-1	5585	5918	5451	5651	4.26	cps
Vanadium	51-2	13313	13380	13316	13336	0.28	cps
Ytterbium	172-1	583	567	583	578	1.67	cps
Ytterbium	172-2	328	389	378	365	8.92	cps
Ytterbium	176-1	725	1000	850	858	16.04	cps
Ytterbium	176-2	3740	3967	3884	3864	2.98	cps
Yttrium	89-1	7533391	7563029	7283282	7459901	2.06	cps
Yttrium	89-2	957868	1005044	974236	979050	2.45	cps
Zinc	66-2	109894	110586	113629	111370	1.78	cps
Zirconium	90-1	5343	5235	5218	5265	1.29	cps
Zirconium	91-1	1108	1233	1267	1203	6.94	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05A	Instrumnet Name :	P8
Client Sample ID :	MH1KF9A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:23:29	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	259290	256454	254419	256721	0.95	cps
Antimony	121-1	9495	9420	9328	9415	0.89	cps
Arsenic	75-2	4479	4415	4367	4420	1.27	cps
Barium	135-1	245855	247744	245876	246492	0.44	cps
Barium	137-1	425443	421660	434743	427282	1.58	cps
Beryllium	9-1	658	704	630	664	5.63	cps
Bismuth	209-1	3024059	3077377	3055077	3052171	0.88	cps
Bismuth	209-2	1728060	1709485	1731450	1722998	0.69	cps
Boron	10-1	56311	61494	65195	61000	7.32	cps
Boron	11-1	264116	281220	300934	282090	6.53	cps
Bromine	81-1	26603	27816	25700	26707	3.98	cps
Cadmium	111-1	1444	1318	1366	1376	4.64	cps
Cadmium	106-1	1975	2100	2159	2078	4.51	cps
Cadmium	108-1	196	196	188	193	2.49	cps
Calcium	43-1	1691966	1727081	1696033	1705027	1.13	cps
Calcium	44-1	26750767	26723705	26907500	26793991	0.37	cps
Carbon	12-1	17264209	17919629	18816181	18000006	4.33	cps
Carbon	12-2	209933	215868	206222	210674	2.31	cps
Chlorine	35-1	17783300	22966281	26055414	22268332	18.77	cps
Chlorine	35-2	302217	315581	337524	318441	5.60	cps
Chromium	52-2	53674	52747	52744	53055	1.01	cps
Cobalt	59-2	15071	15035	15268	15125	0.83	cps
Copper	63-2	147124	142988	140185	143433	2.43	cps
Dysprosium	156-1	10755	10463	10379	10532	1.87	cps
Dysprosium	156-2	4884	4781	4621	4762	2.79	cps
Erbium	164-1	8028	7777	7994	7933	1.71	cps
Erbium	164-2	3664	3791	3634	3696	2.25	cps
Gadolinium	160-1	9062	9312	8620	8998	3.90	cps
Gadolinium	160-2	4781	4514	4601	4632	2.94	cps
Holmium	165-1	5410933	5396245	5495204	5434127	0.98	cps
Holmium	165-2	2744641	2800887	2730566	2758698	1.35	cps
Indium	115-1	4889926	5079922	5047200	5005683	2.03	cps
Indium	115-2	920477	925548	922255	922760	0.28	cps
Iron	54-2	1025899	1024413	1008741	1019684	0.93	cps
Iron	56-2	19960112	19866996	19452243	19759783	1.37	cps
Iron	57-2	465393	464091	461616	463700	0.41	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05A	Instrumnet Name :	P8
Client Sample ID :	MH1KF9A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:23:29	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	633	760	670	688	9.48	cps
Lead	206-1	197252	196575	203484	199104	1.91	cps
Lead	207-1	168448	170482	167147	168692	1.00	cps
Lead	208-1	776963	770705	781857	776508	0.72	cps
Lithium	6-1	1996410	2060044	2084677	2047044	2.23	cps
Magnesium	24-2	5889635	6008484	5752889	5883669	2.17	cps
Manganese	55-2	488660	482655	478553	483289	1.05	cps
Molybdenum	94-1	17396	17370	16811	17192	1.92	cps
Molybdenum	95-1	5801	5626	5234	5554	5.23	cps
Molybdenum	96-1	8486	9162	8369	8672	4.93	cps
Molybdenum	97-1	3351	3292	3692	3445	6.27	cps
Molybdenum	98-1	8753	8561	8545	8620	1.34	cps
Neodymium	150-1	15790	16030	16851	16223	3.43	cps
Neodymium	150-2	5928	5878	5665	5824	2.40	cps
Nickel	60-2	20268	19463	19894	19875	2.03	cps
Phosphorus	31-2	14458	14533	13790	14260	2.87	cps
Potassium	39-2	1200865	1200759	1114753	1172126	4.24	cps
Rhodium	103-1	4714753	4757131	4699024	4723636	0.64	cps
Rhodium	103-2	2396029	2373722	2349944	2373232	0.97	cps
Scandium	45-1	3785779	3793133	3893874	3824262	1.58	cps
Scandium	45-2	160217	157864	163656	160579	1.81	cps
Selenium	82-1	212	49	171	144	58.72	cps
Selenium	77-2	50	40	27	39	30.10	cps
Selenium	78-2	136	118	102	119	14.33	cps
Silicon	28-1	2021707	2107726	2143736	2091057	3.00	cps
Silver	107-1	9437	8920	9620	9326	3.90	cps
Silver	109-1	9053	8970	9012	9012	0.46	cps
Sodium	23-2	24536429	25679235	25153277	25122980	2.28	cps
Strontium	86-1	217402	226933	223309	222548	2.16	cps
Strontium	88-1	2003763	2036979	2002596	2014446	0.97	cps
Sulfur	34-1	498451	511166	507558	505725	1.30	cps
Terbium	159-1	5627175	5795644	5666088	5696302	1.55	cps
Terbium	159-2	2721901	2727394	2767230	2738842	0.90	cps
Thallium	203-1	575	525	550	550	4.55	cps
Thallium	205-1	1600	1392	1725	1572	10.71	cps
Tin	118-1	56459	58308	57371	57379	1.61	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	N1079-05A	Instrumnet Name :	P8
Client Sample ID :	MH1KF9A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:23:29	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	114155	112642	115695	114164	1.34	cps
Uranium	238-1	10555	11405	11130	11030	3.94	cps
Vanadium	51-2	38766	39628	39728	39374	1.34	cps
Ytterbium	172-1	2159	2267	2025	2150	5.63	cps
Ytterbium	172-2	1111	1239	1172	1174	5.44	cps
Ytterbium	176-1	1667	1625	1809	1700	5.65	cps
Ytterbium	176-2	4401	4884	4656	4647	5.21	cps
Yttrium	89-1	7746495	7845588	7914830	7835638	1.08	cps
Yttrium	89-2	1036452	1038037	1041212	1038567	0.23	cps
Zinc	66-2	172607	171356	170553	171505	0.60	cps
Zirconium	90-1	39344	38004	44170	40506	8.01	cps
Zirconium	91-1	8503	8853	8653	8670	2.03	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:26:25	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2582202	2566709	2512752	2553887	1.43	cps
Antimony	121-1	1874910	1961584	1947525	1928006	2.41	cps
Arsenic	75-2	67706	66607	66557	66957	0.97	cps
Barium	135-1	2666051	2679363	2636249	2660554	0.83	cps
Barium	137-1	4540586	4621546	4469685	4543939	1.67	cps
Beryllium	9-1	527959	522888	522446	524431	0.58	cps
Bismuth	209-1	2928252	2954246	2878042	2920180	1.33	cps
Bismuth	209-2	1414801	1409761	1413167	1412576	0.18	cps
Boron	10-1	119662	127618	127885	125055	3.74	cps
Boron	11-1	567132	592116	599526	586258	2.90	cps
Bromine	81-1	22050	20797	20747	21198	3.48	cps
Cadmium	111-1	431577	435367	446773	437906	1.81	cps
Cadmium	106-1	53062	53387	55454	53968	2.40	cps
Cadmium	108-1	36402	34598	34719	35240	2.86	cps
Calcium	43-1	4114573	4041374	4017198	4057715	1.25	cps
Calcium	44-1	64523477	63657259	63865311	64015349	0.71	cps
Carbon	12-1	5192834	5244690	5381565	5273030	1.85	cps
Carbon	12-2	61136	60083	60149	60456	0.98	cps
Chlorine	35-1	8975224	8523419	7903223	8467289	6.36	cps
Chlorine	35-2	65708	60552	58293	61518	6.18	cps
Chromium	52-2	734207	711412	724052	723224	1.58	cps
Cobalt	59-2	1310124	1336625	1279190	1308646	2.20	cps
Copper	63-2	9435092	9600942	9469947	9501993	0.92	cps
Dysprosium	156-1	533	517	492	514	4.08	cps
Dysprosium	156-2	237	217	243	232	5.98	cps
Erbium	164-1	158	100	142	133	22.54	cps
Erbium	164-2	63	53	90	69	27.52	cps
Gadolinium	160-1	400	542	475	472	15.01	cps
Gadolinium	160-2	240	237	313	263	16.46	cps
Holmium	165-1	5316858	5282491	5323659	5307669	0.42	cps
Holmium	165-2	2575763	2435999	2447544	2486435	3.12	cps
Indium	115-1	4733542	4608758	4792980	4711760	2.00	cps
Indium	115-2	826403	806887	802393	811894	1.57	cps
Iron	54-2	8821270	8612226	8481364	8638287	1.98	cps
Iron	56-2	162346781	157197659	155799748	158448063	2.18	cps
Iron	57-2	4022944	3906103	3869984	3933011	2.03	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:26:25	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	663	680	663	669	1.44	cps
Lead	206-1	6807407	6695531	6938201	6813713	1.78	cps
Lead	207-1	5917762	5884125	5869349	5890412	0.42	cps
Lead	208-1	26999619	26865728	26993309	26952885	0.28	cps
Lithium	6-1	1925911	1992571	1900683	1939722	2.45	cps
Magnesium	24-2	33649809	33667620	32209746	33175725	2.52	cps
Manganese	55-2	4291338	4218774	4109447	4206520	2.18	cps
Molybdenum	94-1	8676732	8768459	8689556	8711583	0.57	cps
Molybdenum	95-1	12683283	12533518	12731566	12649456	0.82	cps
Molybdenum	96-1	13803034	13578886	13676590	13686170	0.82	cps
Molybdenum	97-1	7706014	7664336	7725798	7698716	0.41	cps
Molybdenum	98-1	20185194	19431062	19976799	19864352	1.96	cps
Neodymium	150-1	380	340	313	344	9.74	cps
Neodymium	150-2	83	57	83	74	20.68	cps
Nickel	60-2	325709	319382	318562	321218	1.22	cps
Phosphorus	31-2	24505	24588	23954	24349	1.42	cps
Potassium	39-2	14347650	13739712	13885506	13990956	2.27	cps
Rhodium	103-1	4393850	4427962	4415073	4412295	0.39	cps
Rhodium	103-2	2102792	2060991	2075028	2079604	1.02	cps
Scandium	45-1	3686975	3656365	3711563	3684968	0.75	cps
Scandium	45-2	143981	143394	143518	143631	0.22	cps
Selenium	82-1	37380	37382	37832	37531	0.69	cps
Selenium	77-2	1657	1497	1533	1562	5.37	cps
Selenium	78-2	5374	5078	5198	5217	2.85	cps
Silicon	28-1	26887063	26869787	26954919	26903923	0.17	cps
Silver	107-1	2502970	2459552	2539404	2500642	1.60	cps
Silver	109-1	2379455	2357577	2355156	2364063	0.57	cps
Sodium	23-2	64593085	62746593	63928526	63756068	1.47	cps
Strontium	86-1	7841071	7638043	7909341	7796151	1.81	cps
Strontium	88-1	65679245	65801718	67764504	66415156	1.76	cps
Sulfur	34-1	559115	557496	554039	556883	0.47	cps
Terbium	159-1	5471635	5655426	5348298	5491786	2.81	cps
Terbium	159-2	2604782	2409504	2460089	2491458	4.07	cps
Thallium	203-1	1677932	1666790	1675063	1673261	0.35	cps
Thallium	205-1	3876792	3794906	3978737	3883478	2.37	cps
Tin	118-1	1760591	1738837	1775938	1758456	1.06	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P8
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:26:25	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3921267	3922628	4009793	3951230	1.28	cps
Uranium	238-1	5063652	5189363	4997934	5083650	1.91	cps
Vanadium	51-2	633336	599964	611036	614779	2.76	cps
Ytterbium	172-1	92	75	58	75	22.22	cps
Ytterbium	172-2	33	22	56	37	45.84	cps
Ytterbium	176-1	7736	7252	7911	7633	4.47	cps
Ytterbium	176-2	7008	6974	6969	6983	0.30	cps
Yttrium	89-1	7314103	7221474	7520217	7351931	2.08	cps
Yttrium	89-2	934781	922594	907908	921761	1.46	cps
Zinc	66-2	1050617	1035697	1046802	1044372	0.74	cps
Zirconium	90-1	4322463	4166258	4345602	4278107	2.28	cps
Zirconium	91-1	915955	911814	913717	913829	0.23	cps

LB Number : LB118244 Operator : Jaswal
 Lab Sample ID : CCB004 Instrumnet Name : P8
 Client Sample ID : CCB004 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-14 17:32:25 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132	127	136	132	3.32	cps
Antimony	121-1	242	325	342	303	17.69	cps
Arsenic	75-2	1	4	1	2	86.60	cps
Barium	135-1	108	117	100	108	7.69	cps
Barium	137-1	225	142	150	172	26.65	cps
Beryllium	9-1	104	78	104	95	15.74	cps
Bismuth	209-1	2882302	2934682	2967634	2928206	1.47	cps
Bismuth	209-2	1482470	1485091	1495584	1487715	0.47	cps
Boron	10-1	7474	7180	7238	7298	2.13	cps
Boron	11-1	34696	33660	32580	33645	3.15	cps
Bromine	81-1	20597	20687	21569	20951	2.57	cps
Cadmium	111-1	37	59	70	55	30.51	cps
Cadmium	106-1	1558	1667	1658	1628	3.70	cps
Cadmium	108-1	33	17	13	21	52.90	cps
Calcium	43-1	406	361	345	371	8.56	cps
Calcium	44-1	17656	17227	16913	17265	2.16	cps
Carbon	12-1	4262509	4373427	4262329	4299422	1.49	cps
Carbon	12-2	43449	45865	45681	44998	2.99	cps
Chlorine	35-1	3211540	3063735	3020226	3098500	3.24	cps
Chlorine	35-2	26250	26116	24755	25707	3.22	cps
Chromium	52-2	527	547	607	560	7.44	cps
Cobalt	59-2	73	113	60	82	33.76	cps
Copper	63-2	863	923	1040	942	9.53	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	23	20	10	18	39.03	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	43	53	47	48	10.66	cps
Holmium	165-1	5009618	5011662	5041399	5020893	0.35	cps
Holmium	165-2	2405613	2467530	2474420	2449188	1.55	cps
Indium	115-1	4575543	4481596	4663792	4573644	1.99	cps
Indium	115-2	826546	840234	850035	838939	1.41	cps
Iron	54-2	939	783	700	807	15.02	cps
Iron	56-2	6574	7252	6669	6832	5.38	cps
Iron	57-2	278	344	350	324	12.40	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:32:25	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	623	683	664	5.36	cps
Lead	206-1	806	839	789	811	3.14	cps
Lead	207-1	717	672	656	682	4.64	cps
Lead	208-1	3172	3195	3234	3200	0.97	cps
Lithium	6-1	1860890	1835193	1774699	1823594	2.43	cps
Magnesium	24-2	1776	967	1000	1248	36.72	cps
Manganese	55-2	137	153	130	140	8.59	cps
Molybdenum	94-1	867	617	625	703	20.21	cps
Molybdenum	95-1	825	867	517	736	25.97	cps
Molybdenum	96-1	983	900	667	850	19.31	cps
Molybdenum	97-1	517	367	325	403	25.03	cps
Molybdenum	98-1	1383	1233	742	1120	29.99	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	80	120	110	103	20.15	cps
Phosphorus	31-2	408	250	333	331	23.96	cps
Potassium	39-2	23027	21275	23036	22446	4.52	cps
Rhodium	103-1	4342605	4335725	4322375	4333568	0.24	cps
Rhodium	103-2	2169385	2222537	2198895	2196939	1.21	cps
Scandium	45-1	3430392	3531189	3408610	3456731	1.89	cps
Scandium	45-2	140972	143487	144443	142967	1.25	cps
Selenium	82-1	-5	47	-23	6	606.27	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	89	83	94	89	6.21	cps
Silicon	28-1	559311	560791	554623	558241	0.58	cps
Silver	107-1	217	225	183	208	10.58	cps
Silver	109-1	250	225	200	225	11.11	cps
Sodium	23-2	21525	21400	20498	21141	2.65	cps
Strontium	86-1	1275	1083	1342	1233	10.87	cps
Strontium	88-1	2292	2342	1967	2200	9.26	cps
Sulfur	34-1	289962	293836	291947	291915	0.66	cps
Terbium	159-1	5256584	5170001	5258252	5228279	0.97	cps
Terbium	159-2	2374266	2493903	2463884	2444018	2.55	cps
Thallium	203-1	300	342	283	308	9.74	cps
Thallium	205-1	642	683	717	681	5.52	cps
Tin	118-1	525	733	458	572	25.07	cps

LB Number :	LB118244	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P8
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired ::	2022-01-14 17:32:25	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	275	342	317	11.47	cps
Uranium	238-1	183	242	200	208	14.42	cps
Vanadium	51-2	23	17	20	20	16.65	cps
Ytterbium	172-1	17	17	25	19	24.73	cps
Ytterbium	172-2	0	6	0	2	173.21	cps
Ytterbium	176-1	600	542	492	544	9.96	cps
Ytterbium	176-2	3267	3528	3978	3591	10.02	cps
Yttrium	89-1	7060178	7004192	7023813	7029394	0.40	cps
Yttrium	89-2	896705	913929	902242	904292	0.97	cps
Zinc	66-2	163	140	147	150	8.01	cps
Zirconium	90-1	533	633	550	572	9.36	cps
Zirconium	91-1	117	92	133	114	18.41	cps