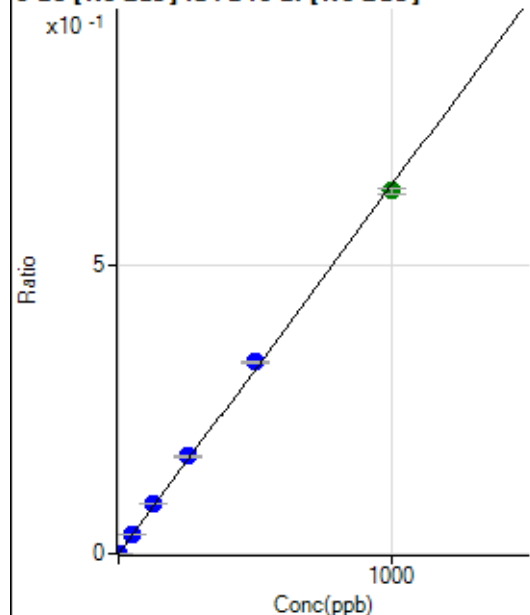


Calibration for 011CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020723-MS.b\
 Analysis File: P8020723-MS.batch.bin
 DA Date-Time: 2023-02-07 16:28:20
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-07 07:59:36
2	005CAL.S.d	S02	2023-02-07 08:02:47
3	006CAL.S.d	S03	2023-02-07 08:06:00
4	007CAL.S.d	S04	2023-02-07 08:09:06
5	008CAL.S.d	S05	2023-02-07 08:12:14
6	009CAL.S.d	S06	2023-02-07 08:15:21
7	010CAL.S.d	S07	2023-02-07 08:18:30
8	011CAL.S.d	S08	2023-02-07 08:21:36

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.66	0.0000	P	13.5
2	☐	1.000	1.033	2020.31	0.0007	P	5.8
3	☐	50.000	51.819	100970.16	0.0331	P	1.6
4	☐	125.000	134.897	261169.12	0.0861	P	0.3
5	☐	250.000	264.210	504744.90	0.1685	P	1.7
6	☐	500.000	520.352	973173.14	0.3319	P	1.1
7	☐	1000.000	984.943	1863230.77	0.6282	A	1.3
8	☐			614.94	0.0002	P	6.5

$$y = 6.3780\text{E-}004 * x + 1.7268\text{E-}005$$

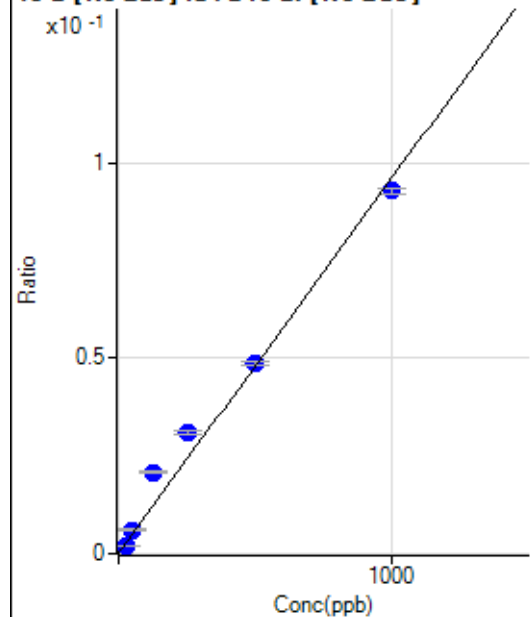
$$R = 0.9995$$

$$DL = 0.01093$$

$$BEC = 0.02707$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.64	0.0001	P	5.0
2	☐	25.000	20.862	6150.75	0.0021	P	5.3
3	☐	50.000	63.050	18638.80	0.0061	P	3.0
4	☐	125.000	216.008	63034.31	0.0208	P	2.6
5	☐	250.000	321.428	92468.92	0.0309	P	3.7
6	☐	500.000	506.505	142604.66	0.0486	P	2.3
7	☐	1000.000	966.966	275226.86	0.0928	P	1.9
8	☐			18704.88	0.0067	P	6.9

$$y = 9.5900\text{E-}005 * x + 5.7734\text{E-}005$$

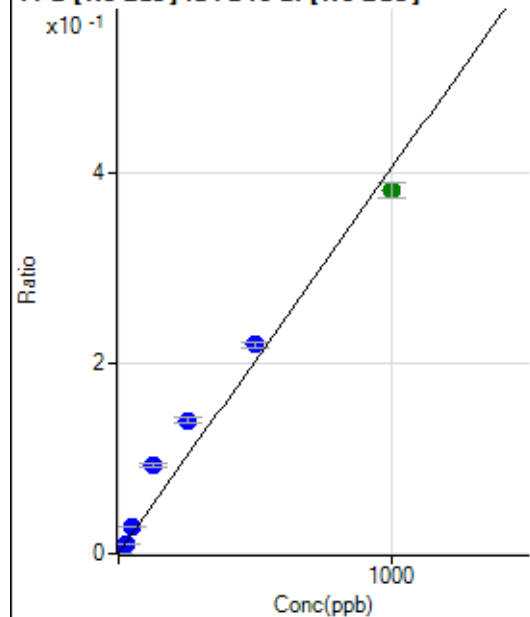
$$R = 0.9933$$

$$DL = 0.0912$$

$$BEC = 0.602$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	740.54	0.0002	P	2.7
2	☐	25.000	22.422	27792.04	0.0093	P	4.2
3	☐	50.000	68.450	85132.30	0.0279	P	1.9
4	☐	125.000	229.700	282062.05	0.0930	P	4.4
5	☐	250.000	346.187	419169.35	0.1400	P	4.3
6	☐	500.000	541.445	641603.12	0.2188	P	3.1
7	☐	1000.000	941.286	1127771.96	0.3802	A	4.3
8	☐			84425.08	0.0303	P	7.7

$$y = 4.0364\text{E-}004 * x + 2.4761\text{E-}004$$

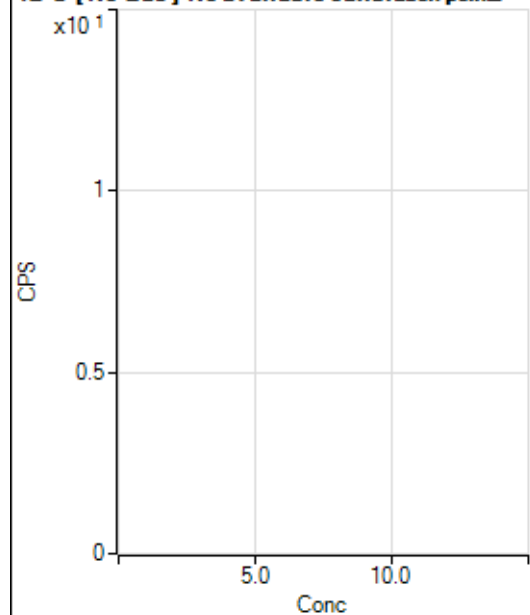
$$R = 0.9884$$

$$DL = 0.04911$$

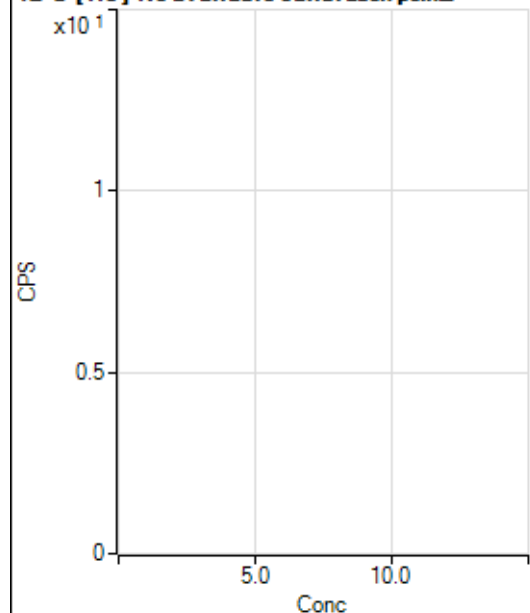
$$BEC = 0.6134$$

Weight: <None>

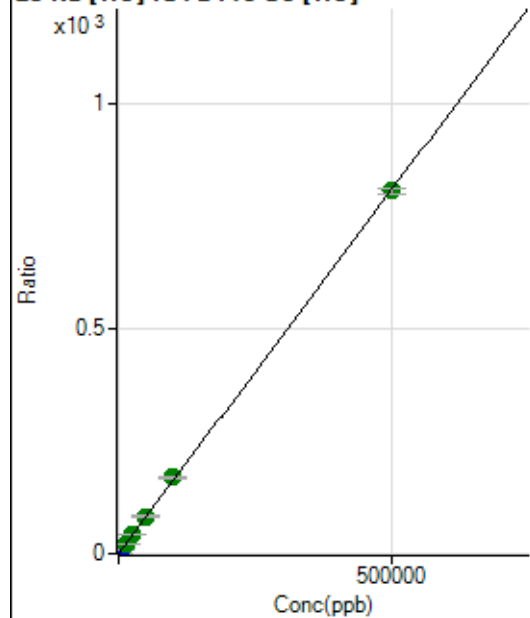
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4276323.14		A	0.2
2	☐			4193380.56		A	0.3
3	☐			4151963.59		A	1.0
4	☐			4318944.06		A	1.8
5	☐			4503114.94		A	1.2
6	☐			4771421.46		A	3.0
7	☐			5036918.78		A	1.9
8	☐			4475401.53		A	0.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45972.49		P	1.2
2	☐			44955.58		P	0.6
3	☐			44300.76		P	1.0
4	☐			47335.37		P	1.3
5	☐			48756.47		P	2.5
6	☐			53090.59		P	0.2
7	☐			57897.95		P	1.4
8	☐			51972.96		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13428.75	0.1252	P	4.9
2	☐	500.000	464.410	93368.03	0.8759	P	2.3
3	☐	5000.000	5154.395	916148.88	8.4572	P	2.5
4	☐	12500.000	13830.731	2384713.46	22.4824	A	2.0
5	☐	25000.000	27048.442	4615342.64	43.8487	A	3.2
6	☐	50000.000	51318.368	8584256.87	83.0808	A	1.8
7	☐	100000.00	104811.90	17705205.43	169.5526	A	2.4
8	☐	500000.00	498768.58	81801524.74	806.3797	A	1.4

$$y = 0.0016 * x + 0.1252$$

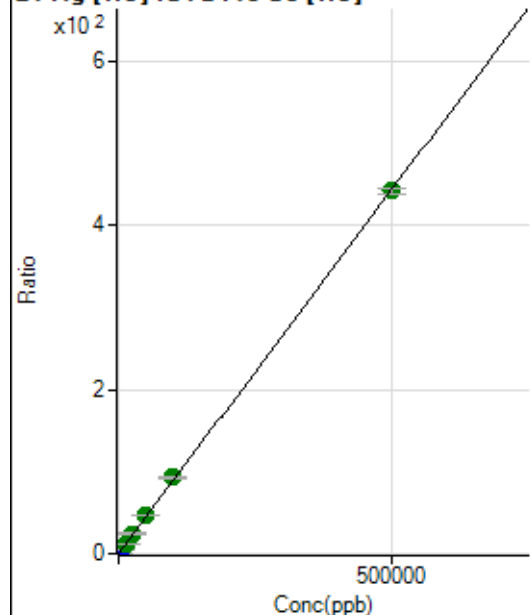
$$R = 0.9999$$

$$DL = 11.36$$

$$BEC = 77.42$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.68	0.0030	P	6.3
2	☐	500.000	480.508	45705.70	0.4288	P	2.6
3	☐	5000.000	5223.162	501692.33	4.6314	P	1.7
4	☐	12500.000	13965.810	1313070.36	12.3787	A	1.8
5	☐	25000.000	27575.903	2572507.63	24.4393	A	2.4
6	☐	50000.000	52189.097	4778265.39	46.2502	A	0.9
7	☐	100000.00	104415.96	9662464.11	92.5310	A	1.6
8	☐	500000.00	498730.24	44830736.42	441.9519	A	1.9

$$y = 8.8615\text{E-}004 * x + 0.0030$$

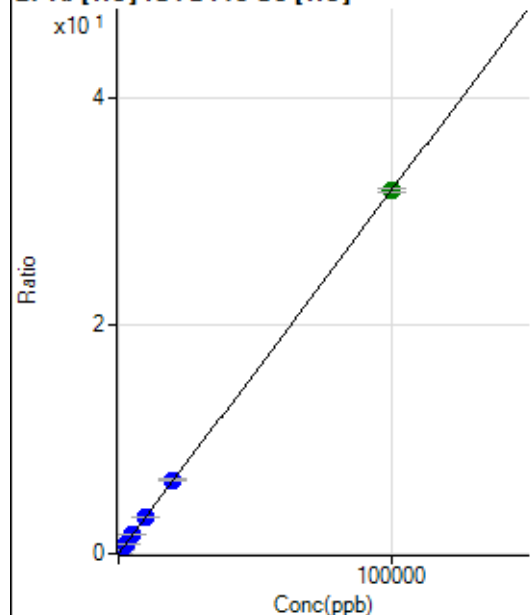
$$R = 1.0000$$

$$DL = 0.6277$$

$$BEC = 3.329$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.49	0.0008	P	19.6
2	☐	20.000	19.316	738.26	0.0069	P	4.2
3	☐	1000.000	1028.713	35591.74	0.3286	P	0.8
4	☐	2500.000	2693.336	91121.58	0.8590	P	1.7
5	☐	5000.000	5324.635	178681.74	1.6975	P	2.1
6	☐	10000.000	10114.631	333071.55	3.2239	P	0.4
7	☐	20000.000	20361.193	677620.61	6.4890	P	3.1
8	☐	100000.00	99894.946	3229371.73	31.8331	A	1.0

$$y = 3.1866\text{E-}004 * x + 7.6790\text{E-}004$$

$$R = 1.0000$$

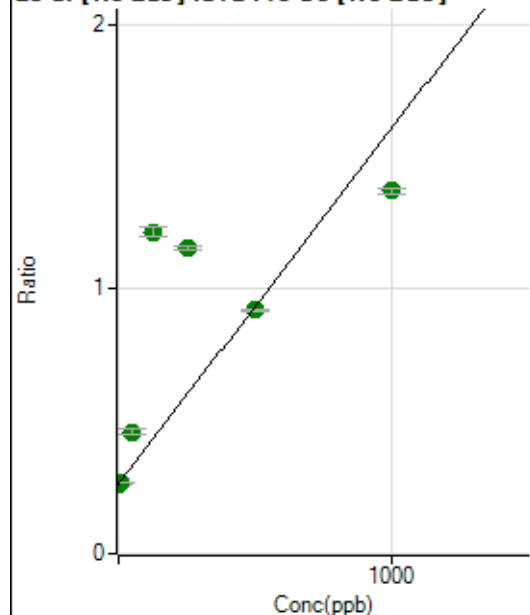
$$DL = 1.414$$

$$BEC = 2.41$$

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	936091.34	0.2636	A	0.4
2	☐	10.000	2.808	953597.08	0.2673	A	1.4
3	☐	50.000	146.270	1679483.26	0.4600	A	3.9
4	☐	125.000	708.082	4330811.43	1.2148	A	3.1
5	☐	250.000	663.776	4189585.86	1.1552	A	0.9
6	☐	500.000	488.361	3225180.65	0.9196	A	1.0
7	☐	1000.000	824.749	4894062.09	1.3715	A	1.5
8	☐			1915951.87	0.5556	A	3.7

$$y = 0.0013 * x + 0.2636$$

$$R = 0.7158$$

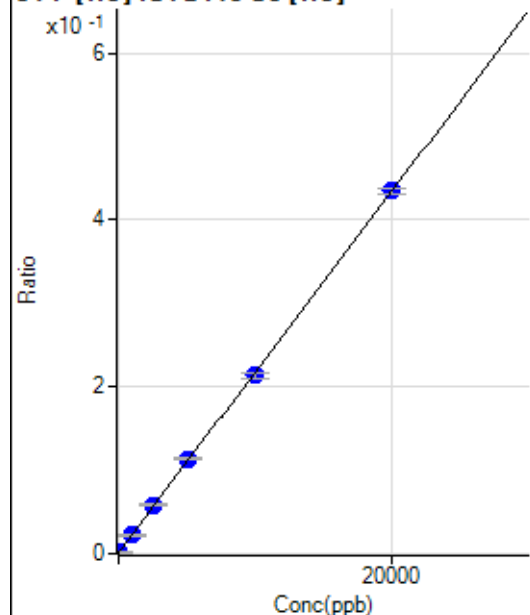
$$DL = 2.402$$

$$BEC = 196.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.012	88.89	0.0008	P	37.9
2	☐	0.000	11.012	138.89	0.0013	P	29.2
3	☐	1000.000	972.129	2394.71	0.0221	P	7.0
4	☐	2500.000	2627.258	6145.89	0.0579	P	3.5
5	☐	5000.000	5171.723	11899.67	0.1130	P	2.1
6	☐	10000.000	9809.698	22053.48	0.2134	P	2.7
7	☐	20000.000	20037.706	45413.33	0.4349	P	1.4
8	☐			97.23	0.0010	P	8.7

$$y = 2.1649E-005 * x + 0.0011$$

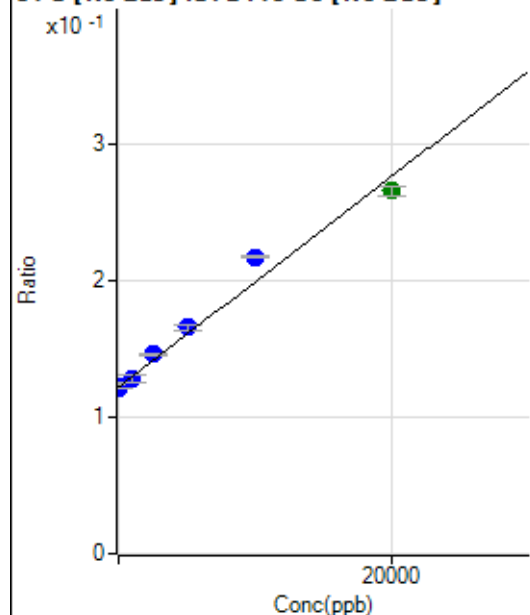
$$R = 0.9999$$

$$DL = 48.09$$

$$BEC = 49.26$$

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	-35.671	432956.27	0.1219	P	1.9
2	☐	0.000	35.671	436830.70	0.1225	P	1.8
3	☐	1000.000	863.135	470365.31	0.1289	P	4.3
4	☐	2500.000	3078.296	520483.57	0.1460	P	1.2
5	☐	5000.000	5627.667	600673.16	0.1656	P	2.0
6	☐	10000.000	12323.850	762303.95	0.2174	P	0.4
7	☐	20000.000	18615.714	948870.51	0.2659	A	2.4
8	☐			385773.74	0.1119	P	3.5

$$y = 7.7218\text{E-}006 * x + 0.1222$$

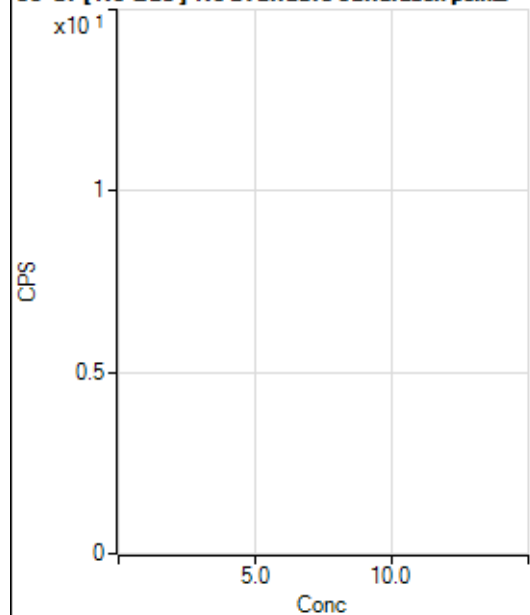
$$R = 0.9883$$

$$DL = 878.9$$

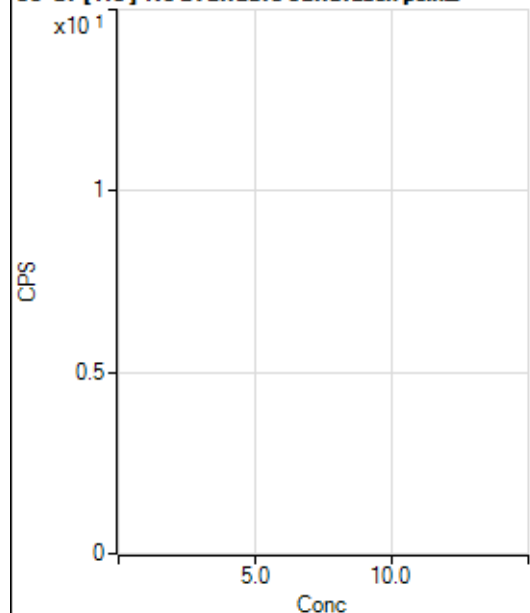
$$BEC = 1.582\text{E}+04$$

Weight: <None>

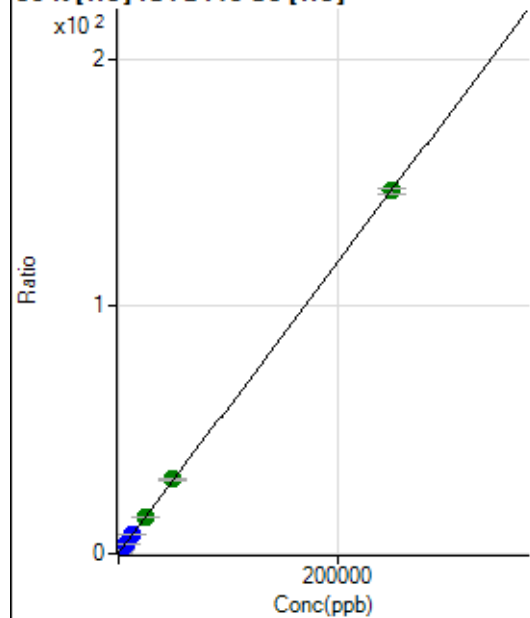
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105561.03		P	0.2
2	☐			110777.79		P	0.5
3	☐			108745.64		P	2.0
4	☐			110887.21		P	0.7
5	☐			111023.89		P	0.4
6	☐			107895.41		P	1.2
7	☐			111031.92		P	1.1
8	☐			106588.59		P	1.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			613.92		P	4.4
2	☐			622.25		P	7.8
3	☐			591.69		P	6.5
4	☐			630.59		P	11.2
5	☐			658.36		P	2.5
6	☐			663.92		P	2.9
7	☐			719.48		P	9.9
8	☐			600.03		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20595.66	0.1919	P	1.0
2	☐	500.000	475.543	50182.51	0.4707	P	2.8
3	☐	2500.000	2516.534	180609.76	1.6674	P	0.8
4	☐	6250.000	6622.792	432237.57	4.0751	P	1.4
5	☐	12500.000	13177.097	833508.65	7.9181	P	1.2
6	☐	25000.000	25086.668	1539513.07	14.9010	A	1.0
7	☐	50000.000	51124.651	3149989.05	30.1679	A	2.3
8	☐	250000.00	249723.11	14873783.14	146.6125	A	1.8

$$y = 5.8633\text{E-}004 * x + 0.1919$$

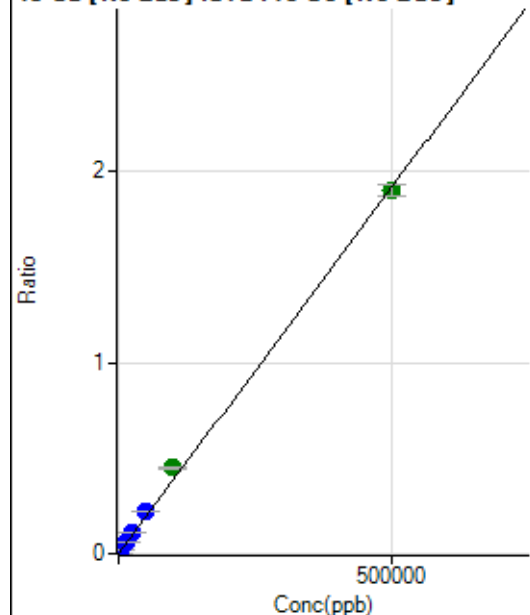
$$R = 1.0000$$

$$DL = 10.21$$

$$BEC = 327.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.31	0.0000	P	15.4
2	☐	500.000	494.542	6924.98	0.0019	P	1.6
3	☐	5000.000	5570.212	78164.34	0.0214	P	3.8
4	☐	12500.000	14879.586	203645.42	0.0571	P	2.1
5	☐	25000.000	28797.958	400724.16	0.1105	P	0.9
6	☐	50000.000	57397.615	772276.63	0.2202	P	1.0
7	☐	100000.00	116971.96	1601197.00	0.4487	A	1.6
8	☐	500000.00	495610.76	6558574.25	1.9009	A	3.3

$$y = 3.8354\text{E-}006 * x + 4.4630\text{E-}005$$

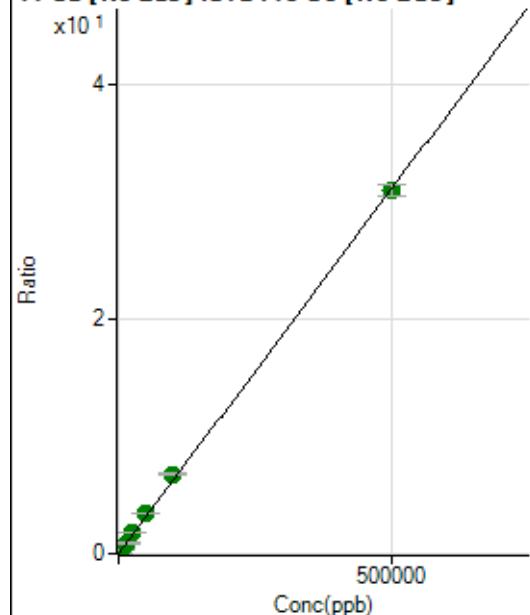
$$R = 0.9993$$

$$DL = 5.389$$

$$BEC = 11.64$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10838.18	0.0031	P	2.9
2	☐	500.000	500.407	121859.82	0.0342	P	1.8
3	☐	5000.000	5343.940	1223948.49	0.3353	A	4.3
4	☐	12500.000	14294.850	3180010.71	0.8918	A	2.9
5	☐	25000.000	27811.620	6281443.37	1.7321	A	1.2
6	☐	50000.000	54789.520	11957945.49	3.4093	A	1.3
7	☐	100000.00	109244.32	24245184.18	6.7947	A	2.1
8	☐	500000.00	497483.29	106716604.7	30.9315	A	3.3

$$y = 6.2170\text{E-}005 * x + 0.0031$$

$$R = 0.9998$$

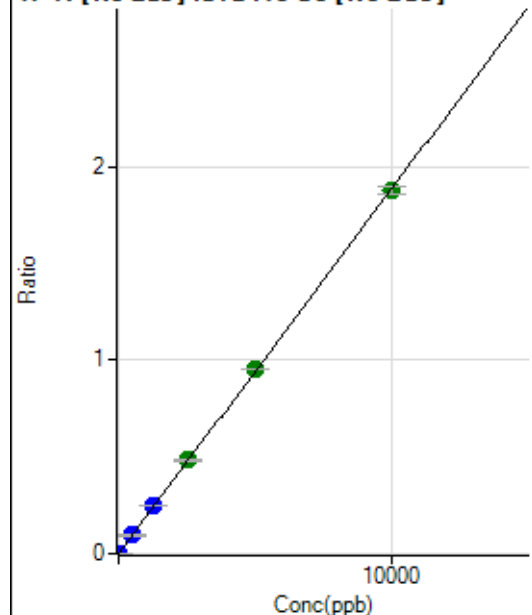
$$DL = 4.236$$

$$BEC = 49.09$$

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	155.56	0.0000	P	27.4
2	☐	5.000	5.064	3558.87	0.0010	P	8.9
3	☐	500.000	503.019	346317.75	0.0949	P	3.6
4	☐	1250.000	1332.478	895911.75	0.2512	P	0.6
5	☐	2500.000	2558.487	1748934.57	0.4823	A	1.8
6	☐	5000.000	5049.684	3338327.72	0.9518	A	0.4
7	☐	10000.000	9950.076	6692026.32	1.8755	A	2.2
8	☐			5679.06	0.0016	P	2.0

$$y = 1.8849\text{E-}004 * x + 4.3896\text{E-}005$$

$$R = 0.9999$$

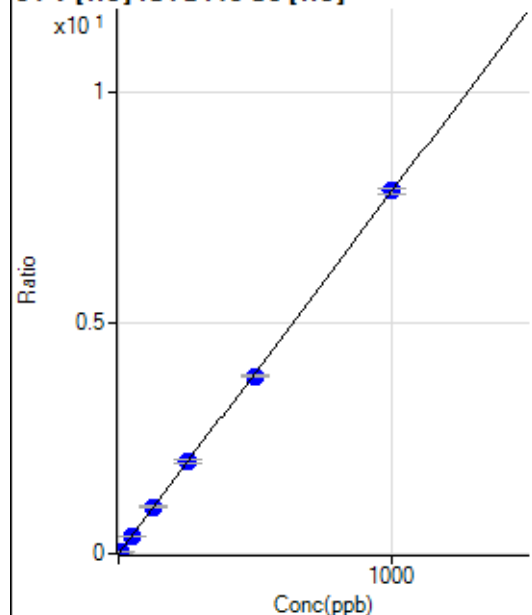
$$DL = 0.1916$$

$$BEC = 0.2329$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0001	P	49.2
2	☐	5.000	4.684	3919.46	0.0368	P	4.2
3	☐	50.000	48.586	41234.95	0.3807	P	1.4
4	☐	125.000	129.385	107511.56	1.0136	P	2.2
5	☐	250.000	255.348	210550.16	2.0004	P	3.3
6	☐	500.000	490.786	397217.13	3.8447	P	0.9
7	☐	1000.000	1002.794	820304.56	7.8555	P	1.4
8	☐			1402.31	0.0138	P	3.3

$$y = 0.0078 * x + 7.2321\text{E-}005$$

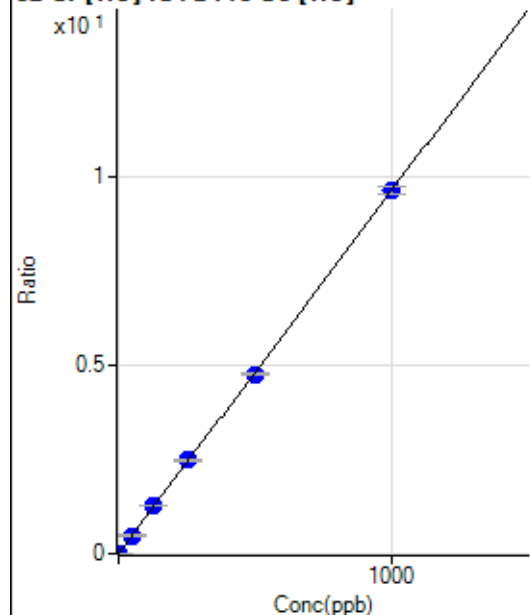
$$R = 0.9999$$

$$DL = 0.01362$$

$$BEC = 0.009232$$

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	362.23	0.0034	P	6.2
2	☐	2.000	1.889	2303.54	0.0216	P	1.7
3	☐	50.000	49.928	52546.32	0.4851	P	1.2
4	☐	125.000	132.369	135823.28	1.2805	P	2.1
5	☐	250.000	257.301	261653.91	2.4859	P	2.8
6	☐	500.000	495.122	493900.68	4.7804	P	1.0
7	☐	1000.000	999.697	1007512.34	9.6486	P	2.0
8	☐			8811.68	0.0869	P	1.7

$$y = 0.0096 * x + 0.0034$$

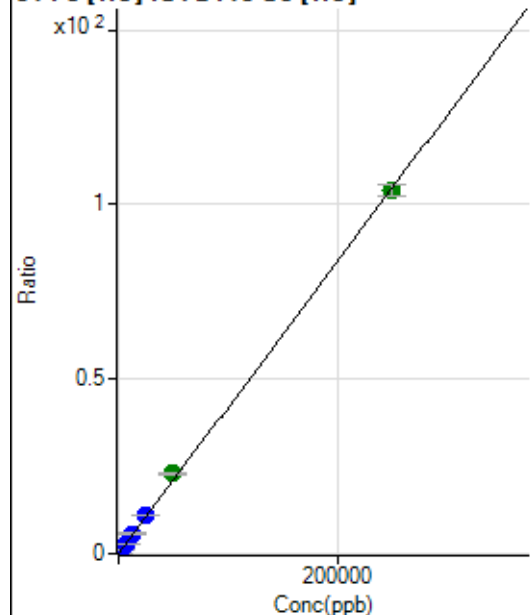
$$R = 0.9999$$

$$DL = 0.0646$$

$$BEC = 0.35$$

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	437.05	0.0041	P	15.9
2	☐	50.000	53.890	2833.67	0.0266	P	2.3
3	☐	2500.000	2662.698	120898.79	1.1161	P	2.3
4	☐	6250.000	7069.050	313570.80	2.9563	P	1.3
5	☐	12500.000	13804.637	607273.61	5.7693	P	2.4
6	☐	25000.000	26813.629	1157415.55	11.2022	P	1.2
7	☐	50000.000	54944.541	2396415.07	22.9505	A	1.8
8	☐	250000.00	248742.39	10538439.01	103.8860	A	3.0

$$y = 4.1763E-004 * x + 0.0041$$

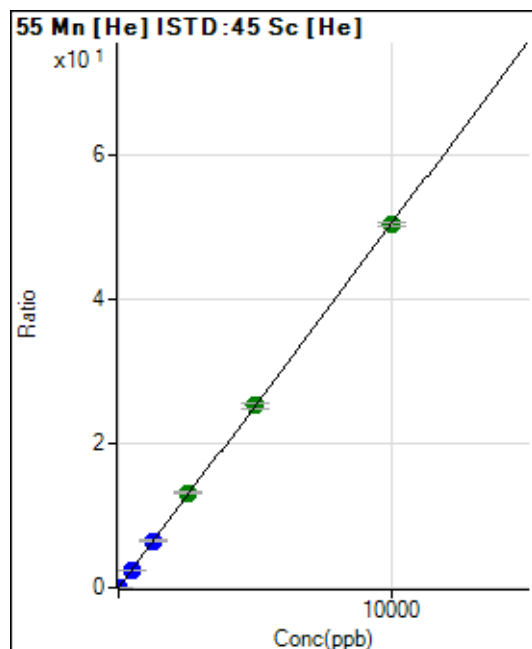
$$R = 0.9998$$

$$DL = 4.645$$

$$BEC = 9.756$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.55	0.0002	P	41.7
2	☐	1.000	1.009	567.79	0.0053	P	2.6
3	☐	500.000	491.774	268623.42	2.4798	P	1.8
4	☐	1250.000	1289.009	689450.37	6.4996	P	1.8
5	☐	2500.000	2612.434	1386600.40	13.1725	A	1.5
6	☐	5000.000	5007.737	2608759.53	25.2499	A	2.9
7	☐	10000.000	9963.558	5245988.43	50.2377	A	1.2
8	☐			5714.53	0.0563	P	0.7

$$y = 0.0050 * x + 2.3797E-004$$

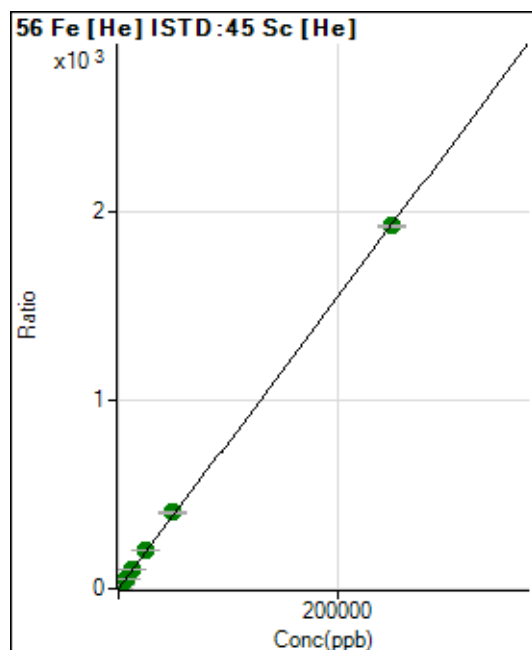
$$R = 0.9999$$

$$DL = 0.05905$$

$$BEC = 0.0472$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2235.40	0.0208	P	5.8
2	☐	50.000	48.481	42049.27	0.3944	P	1.9
3	☐	2500.000	2636.820	2203448.99	20.3409	A	1.7
4	☐	6250.000	6899.735	5642553.19	53.1922	A	2.5
5	☐	12500.000	13437.705	10902518.42	103.5757	A	2.3
6	☐	25000.000	25934.335	20650421.29	199.8783	A	1.0
7	☐	50000.000	52315.445	42104063.44	403.1788	A	2.4
8	☐	250000.00	249378.98	194983980.2	1,921.807	A	0.6

$$y = 0.0077 * x + 0.0208$$

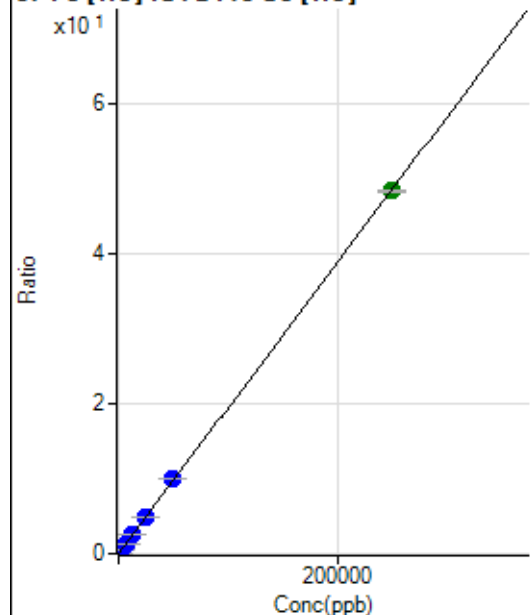
$$R = 1.0000$$

$$DL = 0.4739$$

$$BEC = 2.702$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.82	0.0020	P	10.4
2	☐	50.000	49.529	1237.11	0.0116	P	8.4
3	☐	2500.000	2598.374	54818.38	0.5061	P	1.4
4	☐	6250.000	6685.454	137779.11	1.2989	P	1.3
5	☐	12500.000	13420.834	274259.49	2.6055	P	2.9
6	☐	25000.000	25566.312	512644.79	4.9616	P	1.6
7	☐	50000.000	51363.347	1040695.02	9.9659	P	1.3
8	☐	250000.00	249612.78	4912875.57	48.4242	A	0.5

$$y = 1.9399\text{E-}004 * x + 0.0020$$

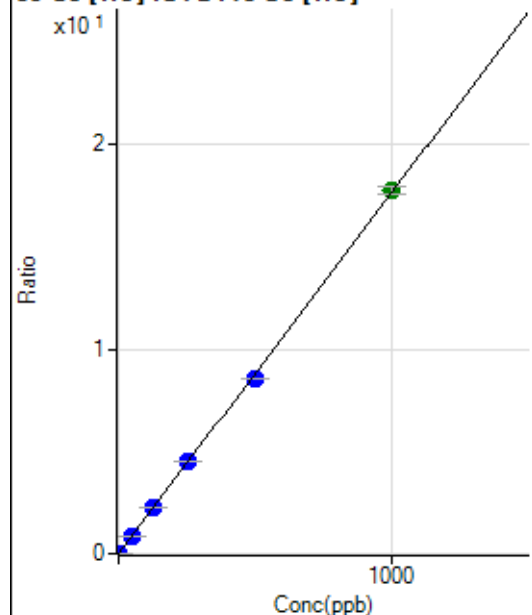
$$R = 1.0000$$

$$DL = 3.204$$

$$BEC = 10.32$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0004	P	11.4
2	☐	1.000	0.990	1909.04	0.0179	P	4.7
3	☐	50.000	48.865	93384.18	0.8621	P	0.6
4	☐	125.000	128.487	240386.68	2.2662	P	2.1
5	☐	250.000	255.201	473763.37	4.5007	P	1.5
6	☐	500.000	486.376	886138.19	8.5772	P	0.4
7	☐	1000.000	1005.133	1850780.37	17.7250	A	2.0
8	☐			1774.57	0.0175	P	10.9

$$y = 0.0176 * x + 4.4547\text{E-}004$$

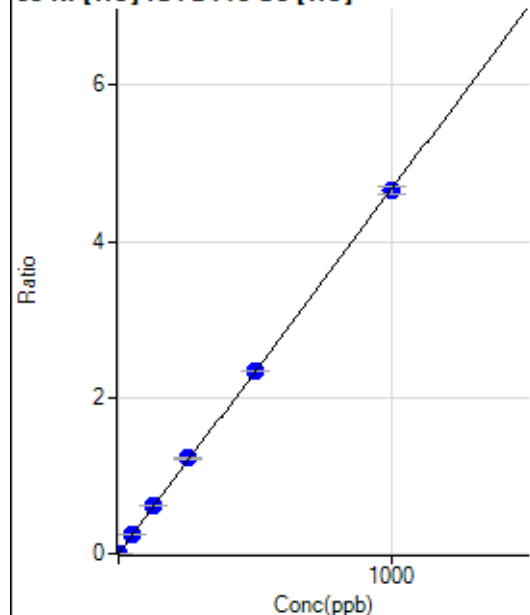
$$R = 0.9998$$

$$DL = 0.008651$$

$$BEC = 0.02526$$

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	27.78	0.0003	P	28.4
2	☐	1.000	1.133	591.13	0.0055	P	16.5
3	☐	50.000	51.281	25954.90	0.2396	P	0.5
4	☐	125.000	132.707	65732.32	0.6197	P	1.9
5	☐	250.000	262.690	129086.60	1.2264	P	2.6
6	☐	500.000	501.087	241666.14	2.3391	P	0.8
7	☐	1000.000	995.257	485129.47	4.6456	P	2.3
8	☐			1561.22	0.0154	P	3.8

$$y = 0.0047 * x + 2.5915E-004$$

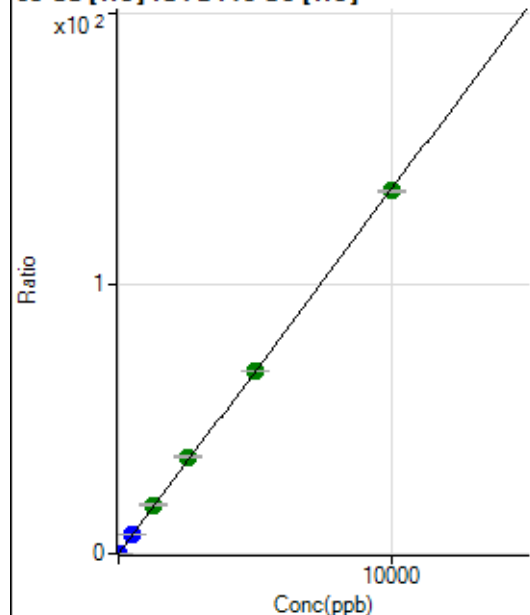
$$R = 0.9999$$

$$DL = 0.04734$$

$$BEC = 0.05552$$

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	431.12	0.0040	P	4.7
2	☐	2.000	2.106	3462.68	0.0325	P	4.0
3	☐	500.000	502.196	735420.42	6.7893	P	0.4
4	☐	1250.000	1343.447	1925764.62	18.1558	A	0.9
5	☐	2500.000	2648.632	3767365.67	35.7906	A	2.2
6	☐	5000.000	4998.163	6977068.09	67.5358	A	0.4
7	☐	10000.000	9951.970	14041031.18	134.4683	A	0.8
8	☐			5530.02	0.0545	P	3.9

$$y = 0.0135 * x + 0.0040$$

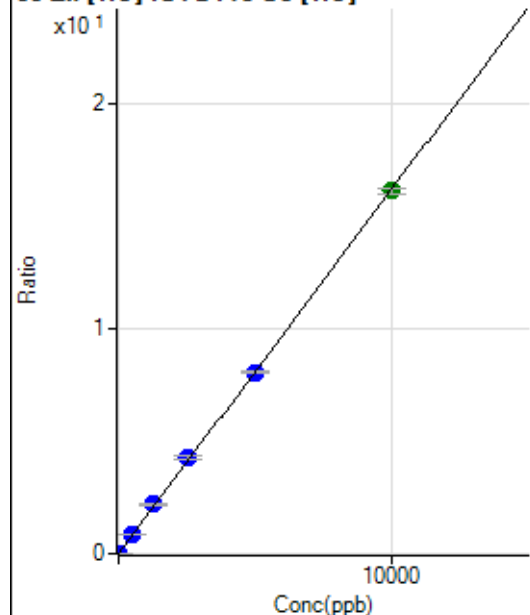
$$R = 0.9998$$

$$DL = 0.04212$$

$$BEC = 0.2974$$

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	138.89	0.0013	P	9.3
2	☐	2.000	2.163	511.13	0.0048	P	4.8
3	☐	500.000	519.323	91157.85	0.8416	P	0.7
4	☐	1250.000	1346.180	231163.32	2.1794	P	1.7
5	☐	2500.000	2643.389	450325.85	4.2783	P	2.6
6	☐	5000.000	4980.757	832725.94	8.0601	P	0.4
7	☐	10000.000	9960.785	1682995.32	16.1178	A	1.8
8	☐			1682.34	0.0166	P	9.6

$$y = 0.0016 * x + 0.0013$$

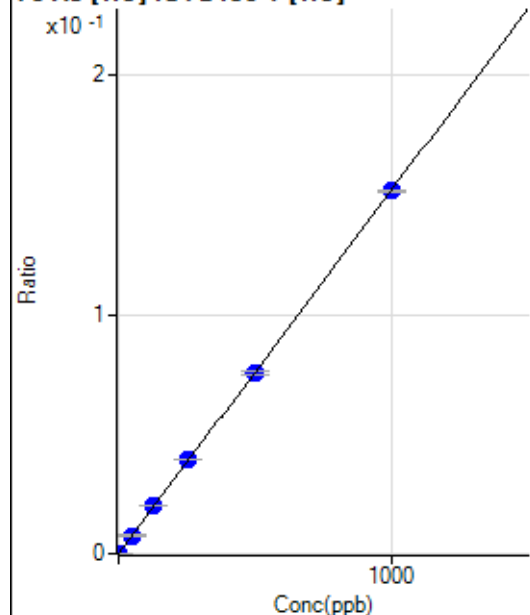
$$R = 0.9999$$

$$DL = 0.223$$

$$BEC = 0.7996$$

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	3.67	0.0000	P	41.9
2	☐	1.000	0.989	113.34	0.0002	P	11.5
3	☐	50.000	50.034	5641.70	0.0076	P	2.4
4	☐	125.000	132.600	14508.23	0.0201	P	2.5
5	☐	250.000	259.159	28397.25	0.0394	P	0.3
6	☐	500.000	497.532	53973.53	0.0756	P	1.4
7	☐	1000.000	997.992	108063.03	0.1516	P	0.6
8	☐			111.01	0.0002	P	3.5

$$y = 1.5189E-004 * x + 5.0610E-006$$

$$R = 0.9999$$

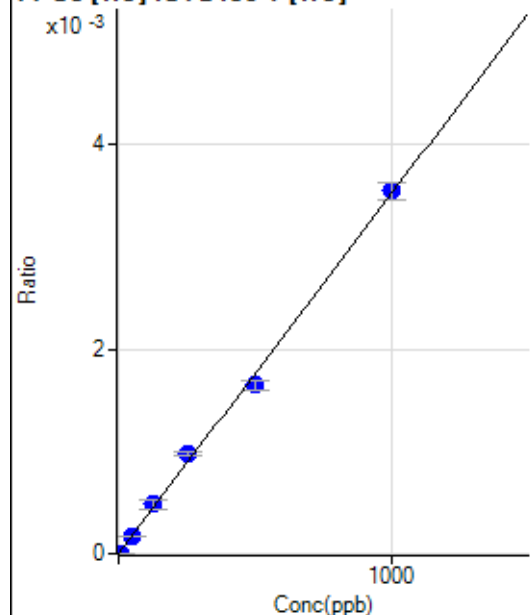
$$DL = 0.04187$$

$$BEC = 0.03332$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	0.860	3.33	0.0000	P	100.
3	☐	50.000	47.667	125.56	0.0002	P	9.9
4	☐	125.000	136.570	346.68	0.0005	P	21.1
5	☐	250.000	277.179	704.47	0.0010	P	3.4
6	☐	500.000	468.896	1178.95	0.0017	P	5.6
7	☐	1000.000	1007.449	2526.92	0.0035	P	4.5
8	☐			3.33	0.0000	P	173.

$$y = 3.5178\text{E-}006 * x + 1.5300\text{E-}006$$

$$R = 0.9988$$

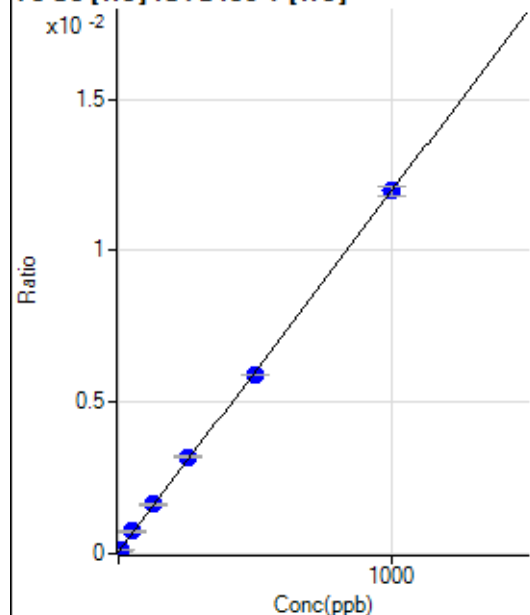
$$DL = 2.26$$

$$BEC = 0.4349$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.01	0.0001	P	8.7
2	☐	5.000	4.956	94.34	0.0001	P	7.1
3	☐	50.000	55.906	545.40	0.0007	P	5.9
4	☐	125.000	132.143	1182.50	0.0016	P	4.2
5	☐	250.000	262.750	2304.43	0.0032	P	2.1
6	☐	500.000	489.969	4211.39	0.0059	P	0.9
7	☐	1000.000	1000.640	8534.12	0.0120	P	2.9
8	☐			59.68	0.0001	P	8.0

$$y = 1.1891\text{E-}005 * x + 7.0322\text{E-}005$$

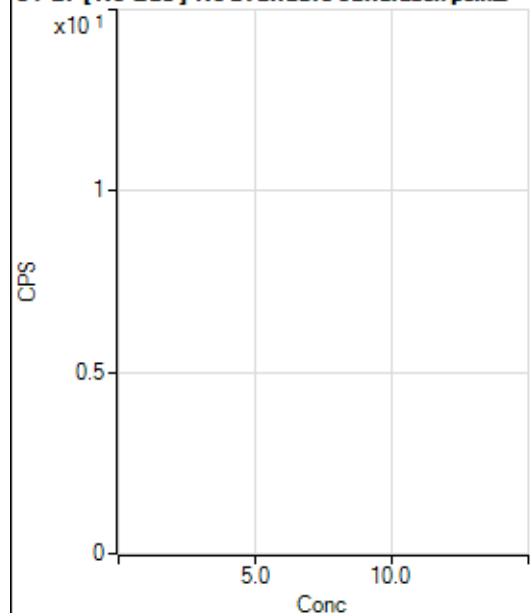
$$R = 0.9998$$

$$DL = 1.541$$

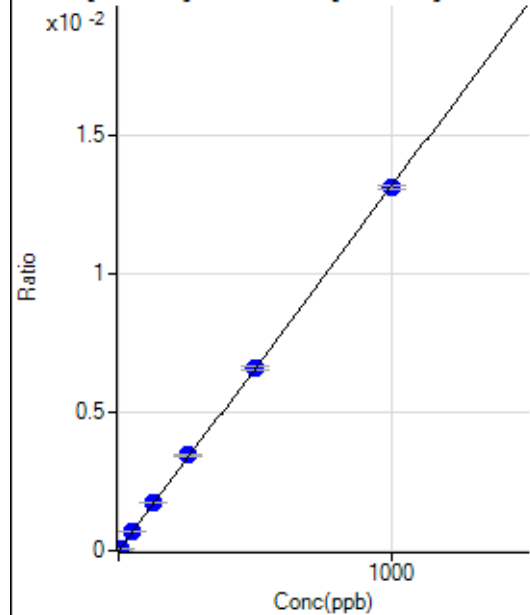
$$BEC = 5.914$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33323.94		P	1.9
2	☐			33046.65		P	3.9
3	☐			33869.60		P	2.9
4	☐			32032.87		P	1.0
5	☐			31795.55		P	2.2
6	☐			31986.17		P	2.3
7	☐			31190.13		P	1.4
8	☐			31009.58		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.25	0.0000	P	278.
2	☐	5.000	4.800	462.88	0.0001	P	8.3
3	☐	50.000	51.651	5052.53	0.0007	P	5.7
4	☐	125.000	133.356	12764.16	0.0018	P	0.8
5	☐	250.000	262.934	25061.92	0.0035	P	1.5
6	☐	500.000	500.905	48181.48	0.0066	P	2.6
7	☐	1000.000	995.188	95984.24	0.0131	P	1.2
8	☐			308.31	0.0000	P	2.3

$$y = 1.3152\text{E-}005 * x + 1.5958\text{E-}006$$

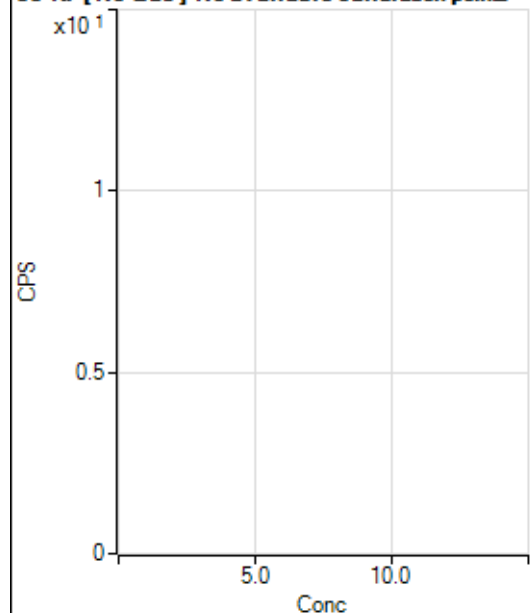
$$R = 0.9999$$

$$DL = 1.012$$

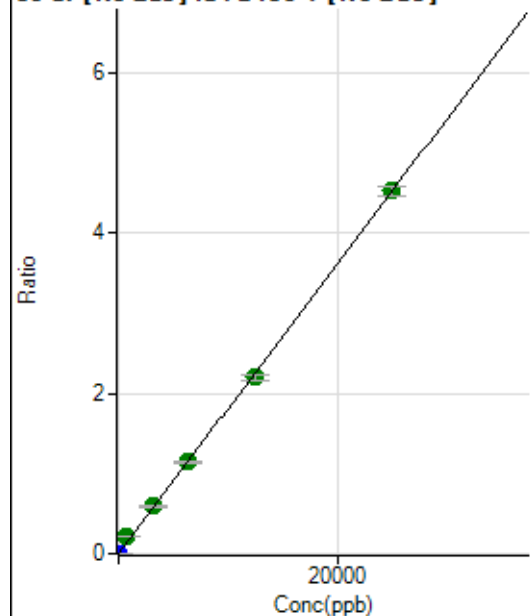
$$BEC = 0.1213$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			392.88		P	4.0
2	☐			372.88		P	10.9
3	☐			420.37		P	5.5
4	☐			403.29		P	4.7
5	☐			389.54		P	11.6
6	☐			362.04		P	2.6
7	☐			377.46		P	2.1
8	☐			372.88		P	8.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	647.26	0.0001	P	8.9
2	☐	1.000	0.948	1872.40	0.0003	P	6.7
3	☐	625.000	1234.139	1654465.02	0.2229	A	3.7
4	☐	3125.000	3262.584	4283672.84	0.5891	A	2.2
5	☐	6250.000	6352.177	8307414.94	1.1468	A	2.1
6	☐	12500.000	12218.926	16128700.01	2.2060	A	3.3
7	☐	25000.000	25082.566	33197035.12	4.5282	A	2.4
8	☐			12583.92	0.0018	P	7.3

$$y = 1.8053E-004 * x + 9.0572E-005$$

$$R = 0.9996$$

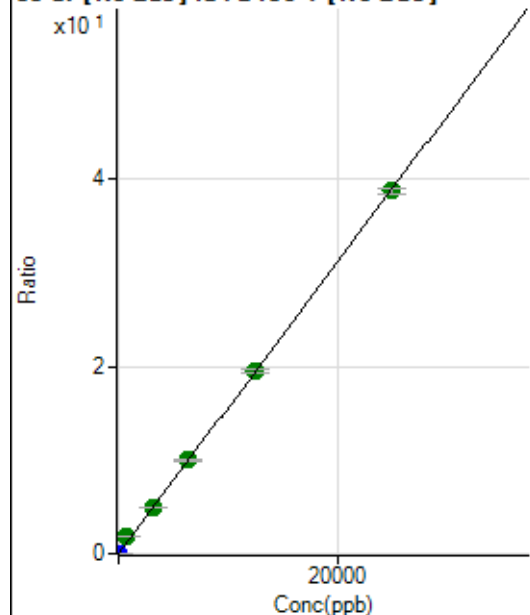
$$DL = 0.1342$$

$$BEC = 0.5017$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0000	P	23.0
2	☐	1.000	0.946	10707.18	0.0015	P	2.4
3	☐	625.000	1220.847	14100237.82	1.8994	A	3.1
4	☐	3125.000	3195.271	36146616.78	4.9711	A	1.5
5	☐	6250.000	6423.845	72390938.42	9.9941	A	1.8
6	☐	12500.000	12526.738	142512012.9	19.4888	A	2.3
7	☐	25000.000	24919.490	284289153.5	38.7690	A	1.4
8	☐			104161.14	0.0147	P	7.9

$$y = 0.0016 * x + 2.5622E-005$$

$$R = 0.9997$$

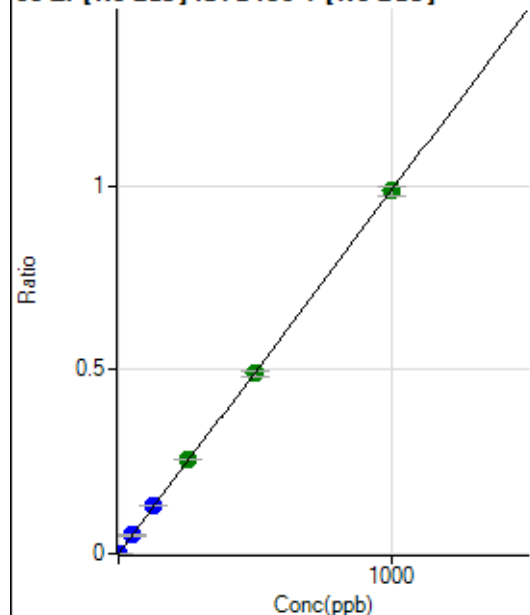
$$DL = 0.01135$$

$$BEC = 0.01647$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.56	0.0000	P	28.6
2	☐	1.000	0.947	6974.16	0.0010	P	3.2
3	☐	50.000	50.546	371148.81	0.0500	P	3.2
4	☐	125.000	133.186	957374.64	0.1317	P	0.6
5	☐	250.000	259.451	1857817.64	0.2565	A	1.1
6	☐	500.000	495.792	3583374.82	0.4901	A	2.8
7	☐	1000.000	998.691	7236904.24	0.9871	A	2.4
8	☐			2522.53	0.0004	P	16.2

$$y = 9.8835E-004 * x + 3.9257E-005$$

$$R = 0.9999$$

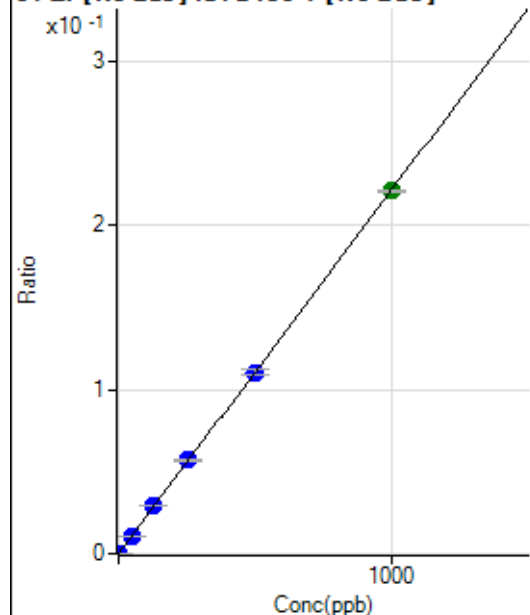
$$DL = 0.03409$$

$$BEC = 0.03972$$

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	30.56	0.0000	P	63.2
2	☐	1.000	0.952	1539.02	0.0002	P	7.8
3	☐	50.000	49.075	80832.39	0.0109	P	1.3
4	☐	125.000	132.176	213127.46	0.0293	P	0.4
5	☐	250.000	256.779	412456.13	0.0569	P	0.9
6	☐	500.000	499.036	809024.44	0.1107	P	3.0
7	☐	1000.000	997.937	1622619.54	0.2213	A	0.5
8	☐			566.69	0.0001	P	2.7

$$y = 2.2173\text{E-}004 * x + 4.2848\text{E-}006$$

$$R = 0.9999$$

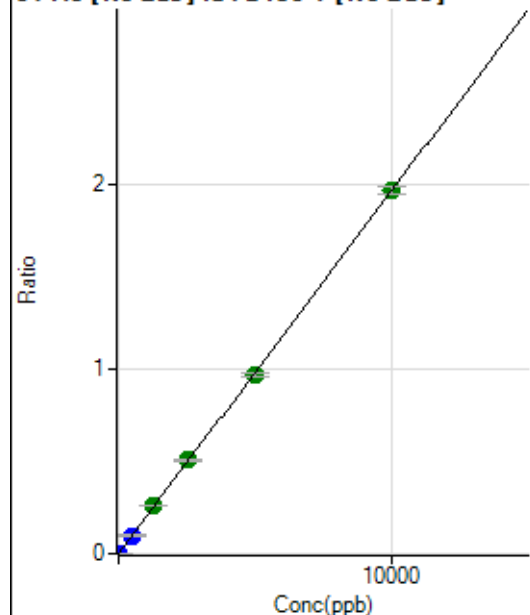
$$DL = 0.03665$$

$$BEC = 0.01932$$

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	77.78	0.0000	P	62.2
2	☐	5.000	5.710	8099.82	0.0011	P	2.3
3	☐	500.000	497.584	726076.53	0.0978	P	3.5
4	☐	1250.000	1309.341	1871385.27	0.2574	A	0.2
5	☐	2500.000	2583.755	3678826.13	0.5079	A	1.6
6	☐	5000.000	4941.101	7103281.75	0.9712	A	1.6
7	☐	10000.000	10001.214	14412973.07	1.9658	A	2.0
8	☐			6290.53	0.0009	P	5.5

$$y = 1.9656\text{E-}004 * x + 1.0850\text{E-}005$$

$$R = 0.9999$$

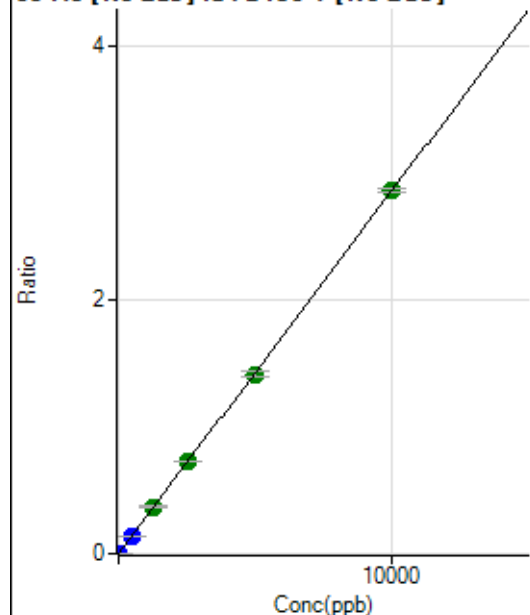
$$DL = 0.1029$$

$$BEC = 0.0552$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	70.1
2	☐	5.000	5.004	10242.97	0.0014	P	7.0
3	☐	500.000	491.134	1041982.58	0.1404	P	3.5
4	☐	1250.000	1299.749	2701130.75	0.3715	A	1.8
5	☐	2500.000	2548.115	5275567.70	0.7283	A	0.7
6	☐	5000.000	4944.433	10331628.27	1.4132	A	3.5
7	☐	10000.000	10009.980	20977848.73	2.8610	A	1.1
8	☐			8580.69	0.0012	P	3.5

$$y = 2.8581E-004 * x + 1.9488E-006$$

$$R = 1.0000$$

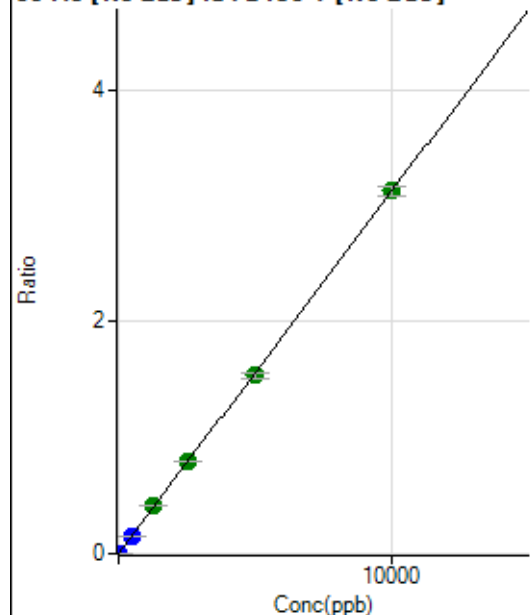
$$DL = 0.01433$$

$$BEC = 0.006818$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	46.5
2	☐	5.000	4.952	11152.03	0.0016	P	1.4
3	☐	500.000	493.984	1144444.02	0.1542	P	3.2
4	☐	1250.000	1310.113	2972626.82	0.4088	A	1.3
5	☐	2500.000	2554.585	5774627.26	0.7972	A	0.6
6	☐	5000.000	4929.948	11247881.41	1.5384	A	3.5
7	☐	10000.000	10014.167	22910553.98	3.1250	A	2.6
8	☐			15801.17	0.0022	P	0.9

$$y = 3.1206E-004 * x + 1.4390E-005$$

$$R = 0.9999$$

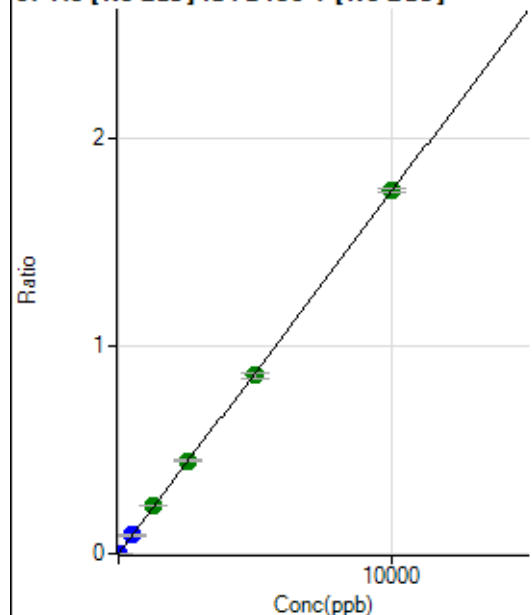
$$DL = 0.06427$$

$$BEC = 0.04611$$

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	11.11	0.0000	P	115.
2	☐	5.000	5.086	6354.40	0.0009	P	3.5
3	☐	500.000	508.367	658432.90	0.0887	P	3.8
4	☐	1250.000	1321.311	1676287.90	0.2306	A	0.9
5	☐	2500.000	2570.302	3248750.23	0.4485	A	1.1
6	☐	5000.000	4913.030	6269445.24	0.8573	A	2.5
7	☐	10000.000	10016.577	12815245.68	1.7477	A	1.1
8	☐			5328.95	0.0008	P	4.6

$$y = 1.7449\text{E-}004 * x + 1.5609\text{E-}006$$

R = 0.9999

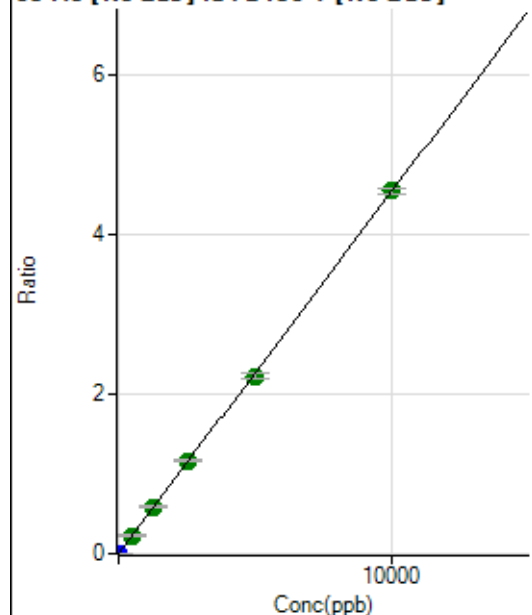
DL = 0.0309

BEC = 0.008946

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	25.00	0.0000	P	57.6
2	☐	5.000	4.988	16190.45	0.0023	P	2.7
3	☐	500.000	500.282	1683387.75	0.2268	A	3.7
4	☐	1250.000	1299.484	4282405.09	0.5891	A	3.6
5	☐	2500.000	2568.381	8433693.16	1.1643	A	1.8
6	☐	5000.000	4899.436	16239854.88	2.2210	A	3.6
7	☐	10000.000	10026.987	33324538.25	4.5453	A	1.9
8	☐			13557.04	0.0019	P	0.6

$$y = 4.5331\text{E-}004 * x + 3.4959\text{E-}006$$

R = 0.9999

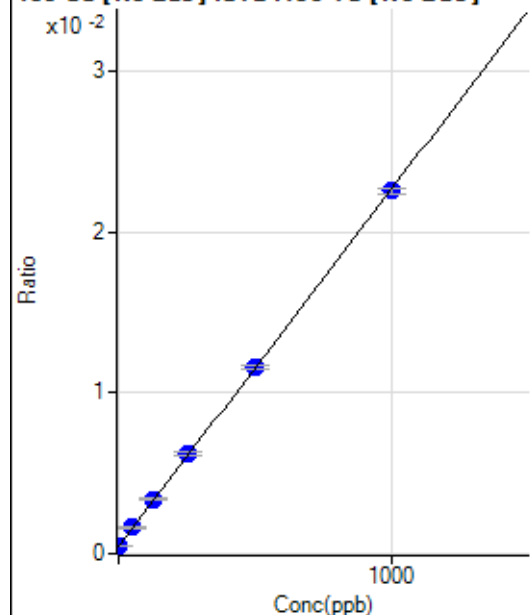
DL = 0.01333

BEC = 0.007712

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	2361.38	0.0005	P	6.2
2	☐	1.000	0.081	2408.62	0.0005	P	12.0
3	☐	50.000	52.382	8850.32	0.0016	P	2.8
4	☐	125.000	132.147	18749.30	0.0034	P	2.2
5	☐	250.000	260.709	34449.55	0.0062	P	3.9
6	☐	500.000	502.524	63920.81	0.0116	P	2.3
7	☐	1000.000	995.049	125006.69	0.0225	P	1.5
8	☐			2194.68	0.0004	P	3.0

$$y = 2.2194\text{E-}005 * x + 4.5093\text{E-}004$$

$$R = 0.9999$$

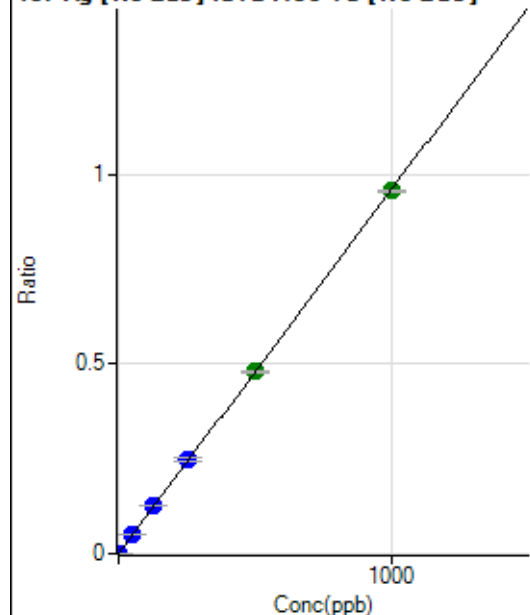
$$DL = 3.801$$

$$BEC = 20.32$$

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	161.12	0.0000	P	23.5
2	☐	1.000	1.001	5267.82	0.0010	P	5.1
3	☐	50.000	52.277	275198.55	0.0502	P	3.2
4	☐	125.000	130.877	695831.83	0.1256	P	0.8
5	☐	250.000	259.610	1375749.66	0.2491	P	4.0
6	☐	500.000	500.601	2645370.26	0.4802	A	1.3
7	☐	1000.000	996.448	5302615.18	0.9559	A	0.7
8	☐			6587.88	0.0012	P	0.2

$$y = 9.5927\text{E-}004 * x + 3.0771\text{E-}005$$

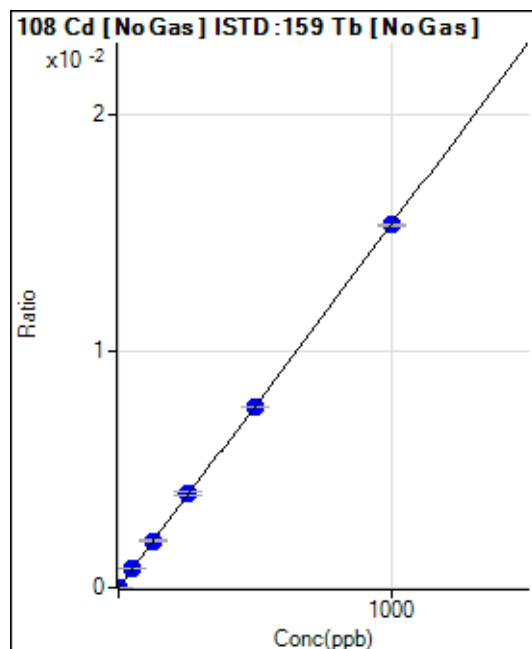
$$R = 0.9999$$

$$DL = 0.02257$$

$$BEC = 0.03208$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	50.0
2	☐	1.000	1.220	108.34	0.0000	P	26.0
3	☐	50.000	51.487	4347.96	0.0008	P	2.7
4	☐	125.000	129.168	11007.28	0.0020	P	1.8
5	☐	250.000	258.677	21964.85	0.0040	P	2.6
6	☐	500.000	498.243	42181.20	0.0077	P	0.5
7	☐	1000.000	998.114	85078.73	0.0153	P	0.9
8	☐			62.50	0.0000	P	11.9

$$y = 1.5364\text{E-}005 * x + 1.5909\text{E-}006$$

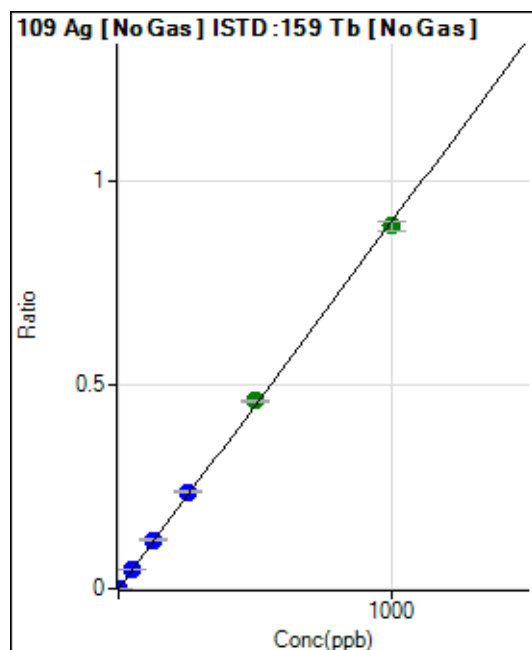
$$R = 1.0000$$

$$DL = 0.1553$$

$$BEC = 0.1035$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	27.6
2	☐	1.000	1.002	4909.36	0.0009	P	3.9
3	☐	50.000	52.808	261120.90	0.0476	P	3.5
4	☐	125.000	133.128	664905.69	0.1200	P	1.3
5	☐	250.000	264.127	1315191.35	0.2381	P	2.1
6	☐	500.000	511.632	2540324.88	0.4611	A	1.8
7	☐	1000.000	989.496	4947063.70	0.8918	A	2.5
8	☐			6232.15	0.0012	P	4.8

$$y = 9.0124\text{E-}004 * x + 2.0682\text{E-}005$$

$$R = 0.9998$$

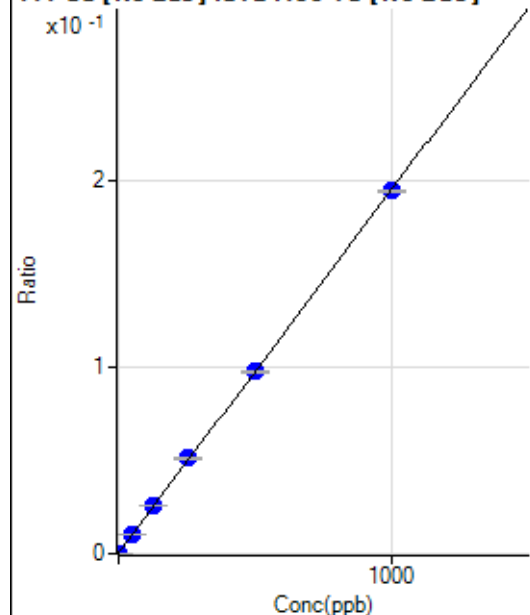
$$DL = 0.01899$$

$$BEC = 0.02295$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1665.19	0.0003	P	5.9
2	☐	1.000	0.923	2646.36	0.0005	P	5.4
3	☐	50.000	52.303	57634.07	0.0105	P	1.0
4	☐	125.000	131.941	144172.61	0.0260	P	1.3
5	☐	250.000	261.083	282712.71	0.0512	P	2.3
6	☐	500.000	499.016	537245.78	0.0975	P	1.3
7	☐	1000.000	996.739	1078857.01	0.1945	P	0.4
8	☐			1971.71	0.0004	P	2.4

$$y = 1.9480\text{E-}004 * x + 3.1798\text{E-}004$$

$$R = 0.9999$$

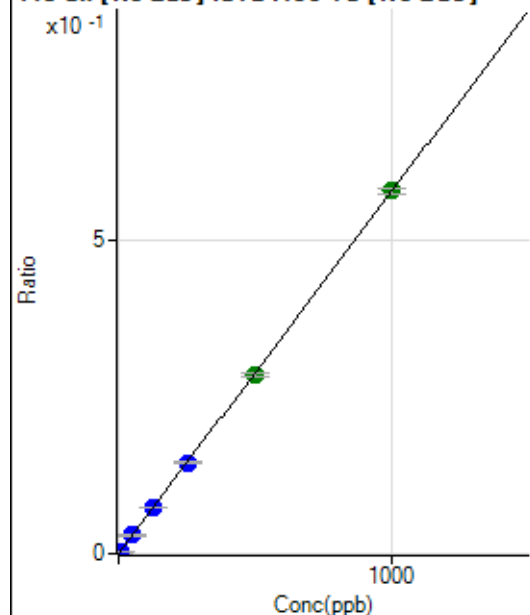
$$DL = 0.2912$$

$$BEC = 1.632$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.02	0.0001	P	15.5
2	☐	5.000	4.847	15292.32	0.0029	P	5.4
3	☐	50.000	50.513	160647.48	0.0293	P	3.7
4	☐	125.000	128.200	411289.93	0.0742	P	2.3
5	☐	250.000	251.857	805284.56	0.1458	P	3.1
6	☐	500.000	494.343	1575763.71	0.2860	A	1.5
7	☐	1000.000	1001.939	3215719.54	0.5797	A	1.3
8	☐			4692.60	0.0009	P	2.0

$$y = 5.7850\text{E-}004 * x + 7.1610\text{E-}005$$

$$R = 1.0000$$

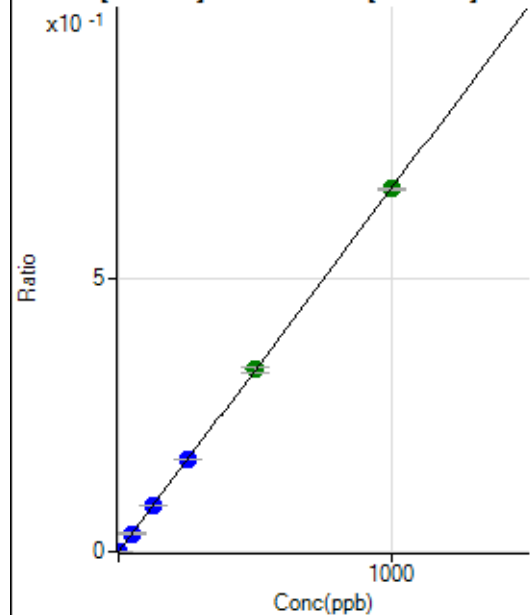
$$DL = 0.0577$$

$$BEC = 0.1238$$

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	33.33	0.0000	P	74.8
2	☐	2.000	1.921	6832.44	0.0013	P	4.3
3	☐	50.000	49.836	182061.84	0.0332	P	2.6
4	☐	125.000	125.808	464229.07	0.0838	P	2.1
5	☐	250.000	254.100	934858.04	0.1692	P	1.5
6	☐	500.000	501.003	1837860.63	0.3337	A	2.7
7	☐	1000.000	998.381	3688320.14	0.6649	A	0.8
8	☐			17497.73	0.0033	P	2.9

$$y = 6.6596\text{E-}004 * x + 6.3562\text{E-}006$$

$$R = 1.0000$$

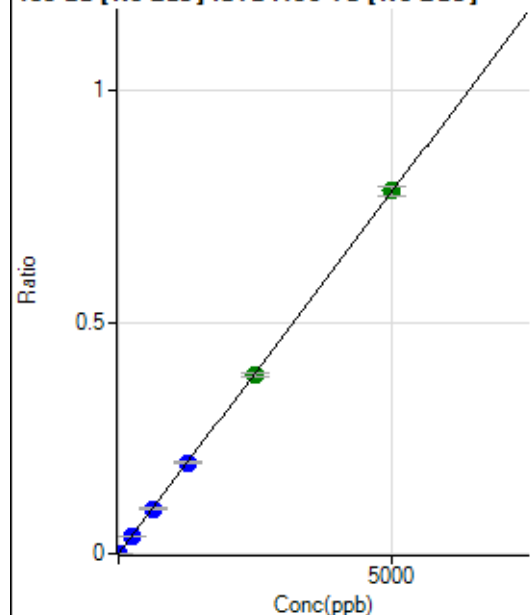
$$DL = 0.02142$$

$$BEC = 0.009544$$

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	16.67	0.0000	P	50.2
2	☐	10.000	9.096	7571.76	0.0014	P	1.8
3	☐	250.000	244.049	209155.28	0.0381	P	2.3
4	☐	625.000	622.690	539061.94	0.0973	P	1.5
5	☐	1250.000	1256.701	1084716.83	0.1963	P	2.0
6	☐	2500.000	2461.983	2119150.74	0.3847	A	2.2
7	☐	5000.000	5017.921	4349045.28	0.7840	A	2.4
8	☐			5151.15	0.0010	P	7.6

$$y = 1.5624\text{E-}004 * x + 3.1857\text{E-}006$$

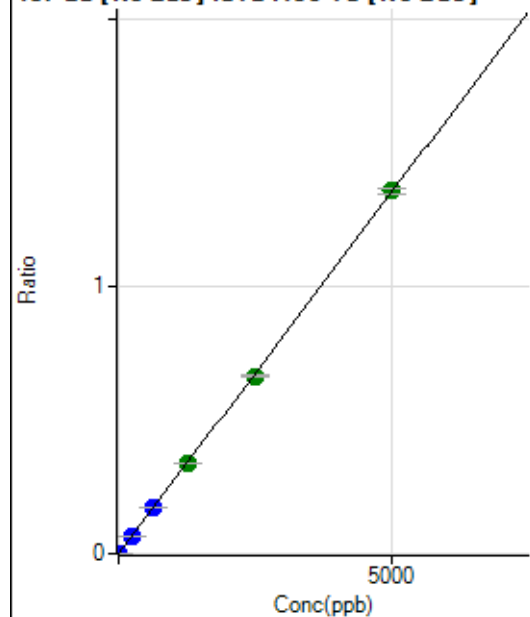
$$R = 1.0000$$

$$DL = 0.03072$$

$$BEC = 0.02039$$

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	19.44	0.0000	P	89.2
2	☐	10.000	9.447	13596.15	0.0026	P	3.1
3	☐	250.000	243.399	360766.95	0.0658	P	3.8
4	☐	625.000	638.802	956637.76	0.1726	P	1.2
5	☐	1250.000	1252.913	1870727.78	0.3386	A	0.8
6	☐	2500.000	2452.194	3651675.65	0.6627	A	1.2
7	☐	5000.000	5021.781	7528831.16	1.3572	A	1.6
8	☐			8917.06	0.0017	P	0.6

$$y = 2.7026E-004 * x + 3.7187E-006$$

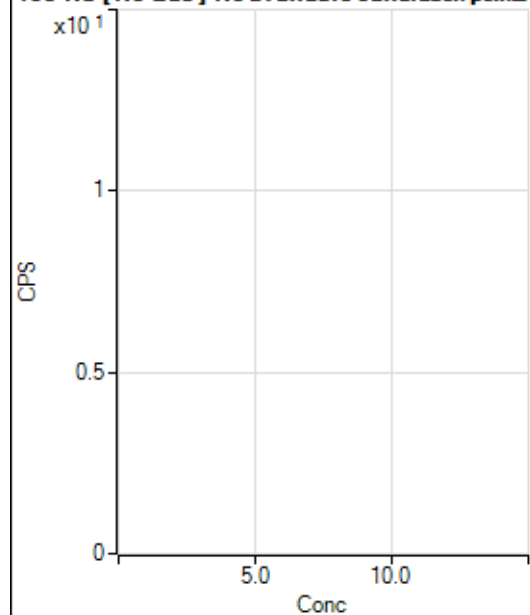
$$R = 0.9999$$

$$DL = 0.03681$$

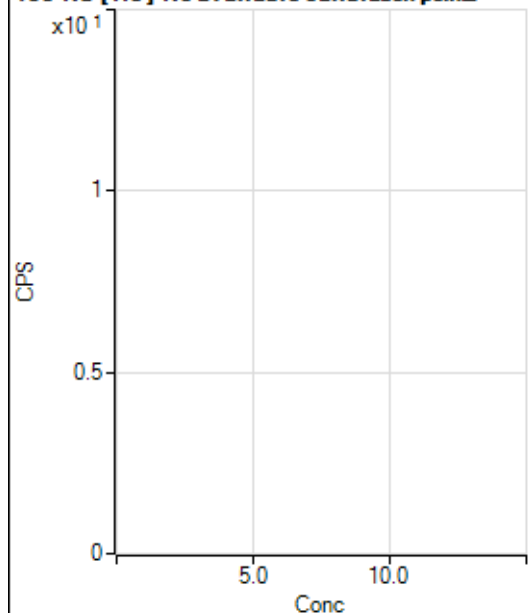
$$BEC = 0.01376$$

Weight: <None>

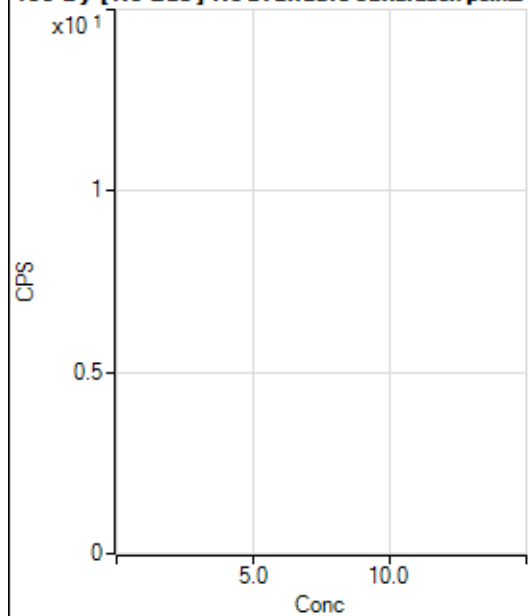
Min Conc: 0

150 Nd [No Gas] No available calibration points

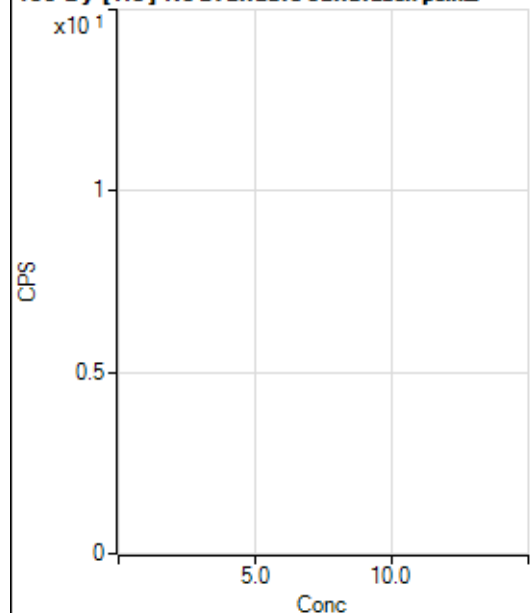
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐			6.67		P	0.0
3	☐			31.11		P	32.7
4	☐			86.67		P	53.3
5	☐			117.78		P	21.4
6	☐			226.67		P	2.9
7	☐			384.46		P	17.1
8	☐			17.78		P	57.3

150 Nd [He] No available calibration points

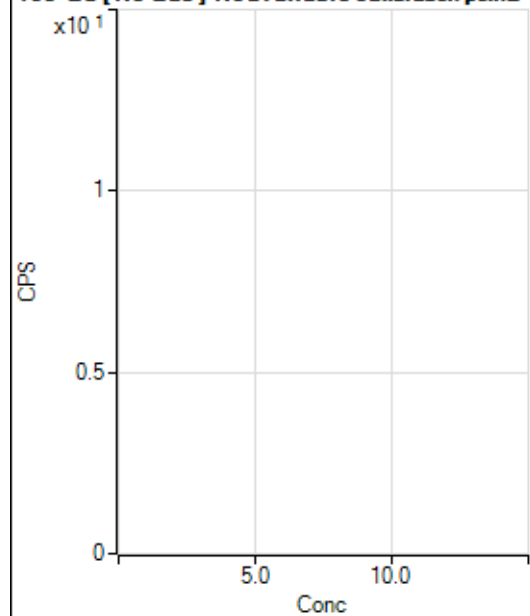
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			2.22		P	173.
4	☐			5.55		P	69.3
5	☐			4.45		P	86.6
6	☐			4.44		P	43.4
7	☐			31.11		P	40.6
8	☐			3.33		P	100.

156 Dy [No Gas] No available calibration points

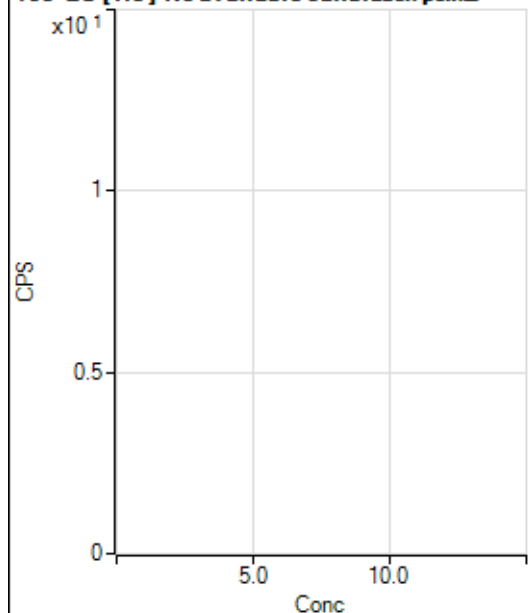
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐			0.00		P	
3	☐			33.33		P	66.1
4	☐			27.78		P	17.3
5	☐			55.55		P	37.8
6	☐			127.78		P	3.8
7	☐			275.01		P	15.2
8	☐			744.48		P	15.9

156 Dy [He] No available calibration points

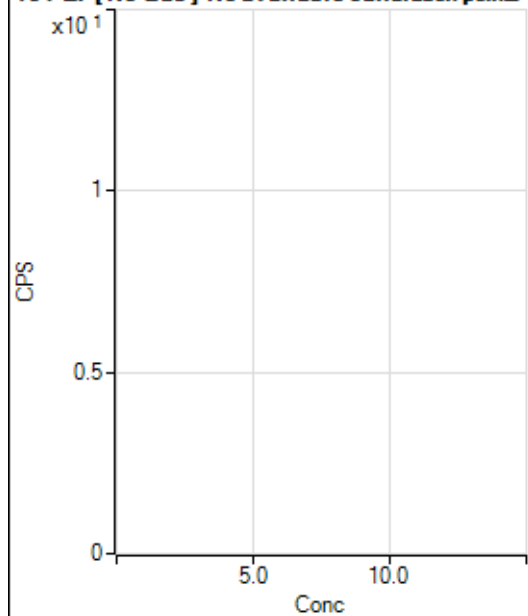
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			4.44		P	43.4
3	☐			2.22		P	86.6
4	☐			16.67		P	80.0
5	☐			35.56		P	27.1
6	☐			52.22		P	13.3
7	☐			112.23		P	21.1
8	☐			326.68		P	8.1

160 Gd [No Gas] Noavailable calibration poin_

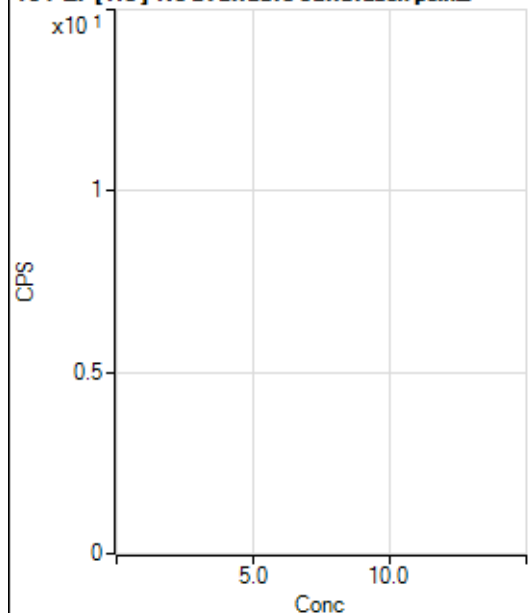
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	24.7
2	☐			30.56		P	41.7
3	☐			66.67		P	21.7
4	☐			61.11		P	55.1
5	☐			77.78		P	16.4
6	☐			108.34		P	7.7
7	☐			247.23		P	23.7
8	☐			838.94		P	6.1

160 Gd [He] No available calibration points

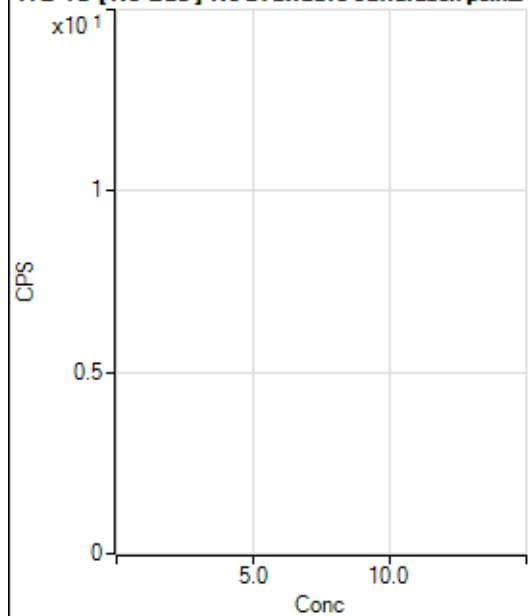
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			90.00		P	19.2
2	☐			57.78		P	16.6
3	☐			64.44		P	28.5
4	☐			57.78		P	23.3
5	☐			81.11		P	2.4
6	☐			98.89		P	25.7
7	☐			157.78		P	15.9
8	☐			381.12		P	4.8

164 Er [No Gas] No available calibration points

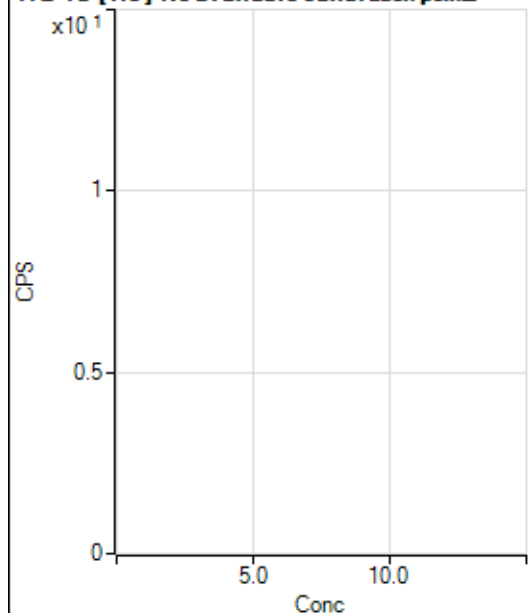
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	74.2
2	☐			47.22		P	10.2
3	☐			36.11		P	13.3
4	☐			16.67		P	50.0
5	☐			55.56		P	17.3
6	☐			58.34		P	37.8
7	☐			66.67		P	0.0
8	☐			105.56		P	4.6

164 Er [He] No available calibration points

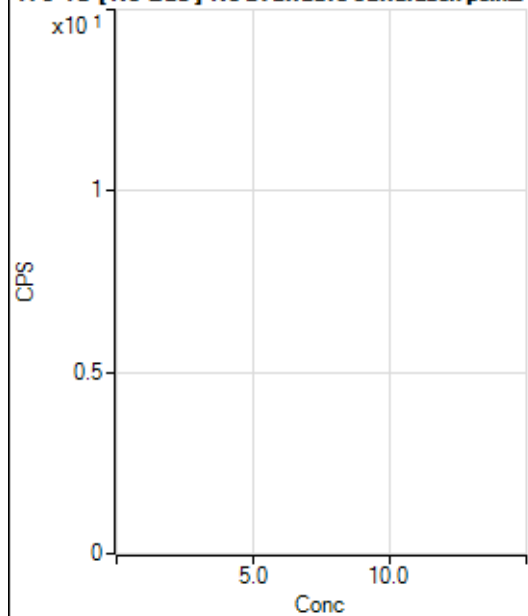
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐			14.45		P	48.0
3	☐			11.11		P	45.8
4	☐			17.78		P	28.6
5	☐			18.89		P	27.0
6	☐			20.00		P	44.1
7	☐			22.22		P	34.7
8	☐			26.67		P	0.0

172 Yb [No Gas] No available calibration points

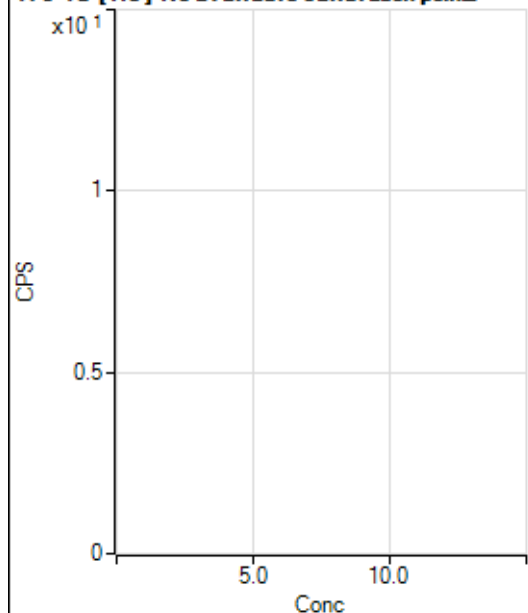
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	21.7
2	☐			33.33		P	25.0
3	☐			52.78		P	65.7
4	☐			30.56		P	87.7
5	☐			69.45		P	18.3
6	☐			63.89		P	45.8
7	☐			83.34		P	43.6
8	☐			325.01		P	14.3

172 Yb [He] No available calibration points

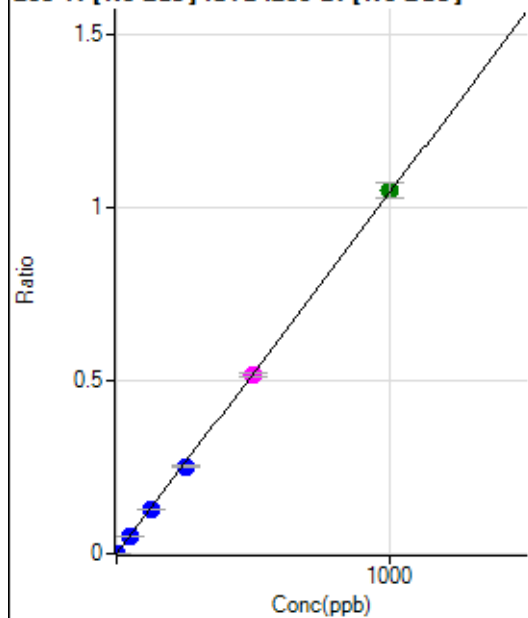
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	33.3
2	☐			29.63		P	28.6
3	☐			14.82		P	21.7
4	☐			16.67		P	57.7
5	☐			12.96		P	89.2
6	☐			24.07		P	87.4
7	☐			44.45		P	50.0
8	☐			155.56		P	7.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			766.71		P	7.1
2	☐			755.60		P	4.5
3	☐			1441.80		P	6.5
4	☐			2589.23		P	4.7
5	☐			4339.74		P	2.2
6	☐			8038.77		P	2.5
7	☐			15442.80		P	1.0
8	☐			908.39		P	20.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4793.54		P	6.4
2	☐			5001.04		P	4.1
3	☐			5164.06		P	2.5
4	☐			5636.49		P	3.4
5	☐			6527.66		P	4.9
6	☐			7606.00		P	1.6
7	☐			10406.13		P	1.8
8	☐			4947.33		P	1.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	31.8
2	☐	1.000	0.893	2989.32	0.0010	P	4.2
3	☐	50.000	47.955	155108.27	0.0501	P	1.0
4	☐	125.000	123.894	407077.81	0.1293	P	1.7
5	☐	250.000	242.185	800233.34	0.2527	P	0.7
6	☐	500.000	493.903	1593091.28	0.5153	M	2.1
7	☐	1000.000	1005.243	3288003.59	1.0488	A	4.3
8	☐			1902.97	0.0007	P	2.9

$$y = 0.0010 * x + 3.0299E-005$$

$$R = 0.9999$$

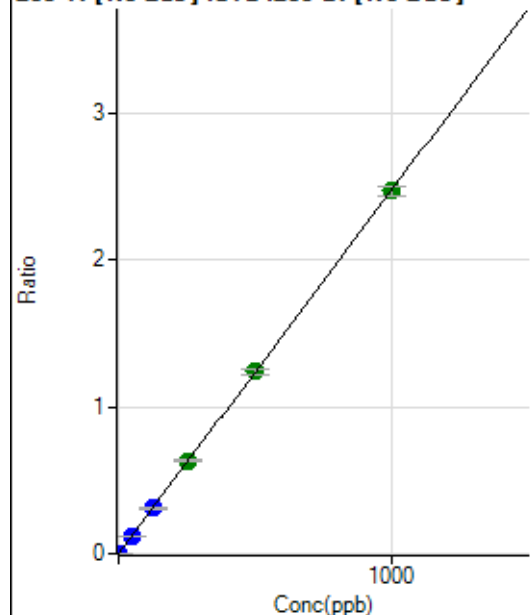
$$DL = 0.02769$$

$$BEC = 0.02904$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0001	P	19.3
2	☐	1.000	0.934	7371.78	0.0024	P	2.9
3	☐	50.000	48.817	374656.88	0.1209	P	0.3
4	☐	125.000	124.864	973674.29	0.3092	P	1.8
5	☐	250.000	255.892	2006457.66	0.6336	A	1.0
6	☐	500.000	500.500	3830899.31	1.2392	A	2.7
7	☐	1000.000	998.353	7751961.28	2.4718	A	2.8
8	☐			4342.52	0.0015	P	8.6

$$y = 0.0025 * x + 6.0527E-005$$

$$R = 1.0000$$

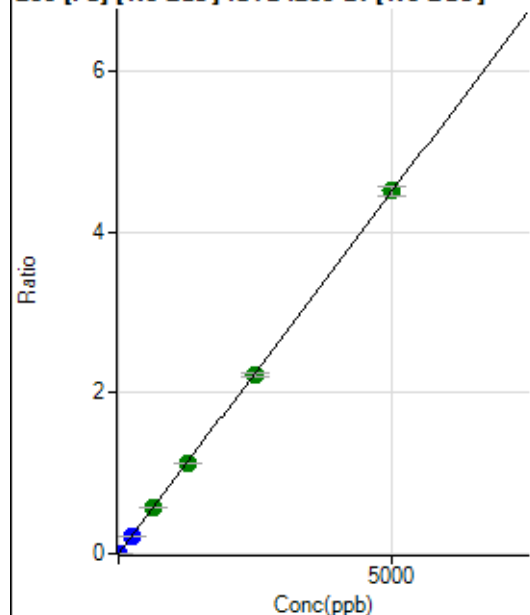
$$DL = 0.01413$$

$$BEC = 0.02445$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	461.13	0.0002	P	12.8
2	☐	1.000	0.788	2672.55	0.0009	P	4.4
3	☐	250.000	229.490	639182.91	0.2063	P	0.9
4	☐	625.000	633.740	1793132.35	0.5695	A	1.2
5	☐	1250.000	1258.903	3581778.44	1.1311	A	0.3
6	☐	2500.000	2462.999	6839036.03	2.2128	A	1.9
7	☐	5000.000	5016.208	14131558.30	4.5064	A	2.8
8	☐			4456.42	0.0016	P	7.5

$$y = 8.9834E-004 * x + 1.5237E-004$$

$$R = 0.9999$$

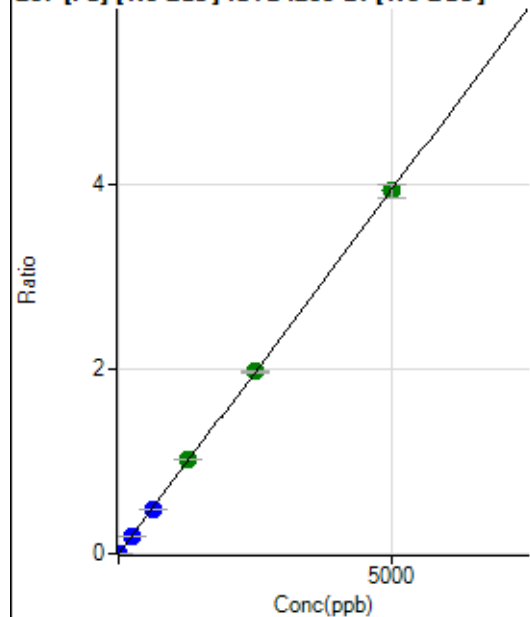
$$DL = 0.06507$$

$$BEC = 0.1696$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	322.23	0.0001	P	12.5
2	☐	1.000	0.831	2361.37	0.0008	P	10.8
3	☐	250.000	235.480	574116.68	0.1853	P	0.8
4	☐	625.000	611.369	1514395.55	0.4810	P	1.8
5	☐	1250.000	1295.262	3226321.74	1.0188	A	1.9
6	☐	2500.000	2503.442	6086454.48	1.9691	A	1.1
7	☐	5000.000	4989.393	12302351.20	3.9243	A	3.6
8	☐			3722.85	0.0013	P	7.2

$$y = 7.8651\text{E-}004 * x + 1.0649\text{E-}004$$

$$R = 0.9999$$

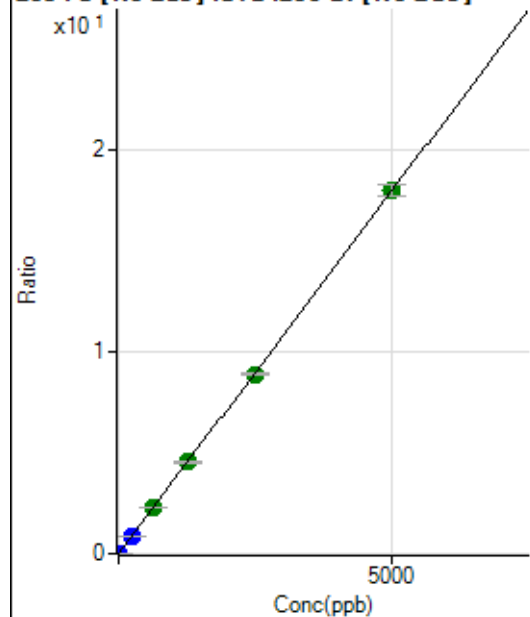
$$DL = 0.05074$$

$$BEC = 0.1354$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1694.52	0.0006	P	5.4
2	☐	1.000	0.816	10826.07	0.0035	P	4.0
3	☐	250.000	233.874	2599653.60	0.8391	P	0.8
4	☐	625.000	630.110	7115254.28	2.2598	A	0.8
5	☐	1250.000	1262.593	14336994.21	4.5275	A	0.7
6	☐	2500.000	2480.599	27491318.15	8.8945	A	1.9
7	☐	5000.000	5006.720	56282192.58	17.9516	A	3.2
8	☐			17521.72	0.0062	P	5.3

$$y = 0.0036 * x + 5.5988\text{E-}004$$

$$R = 1.0000$$

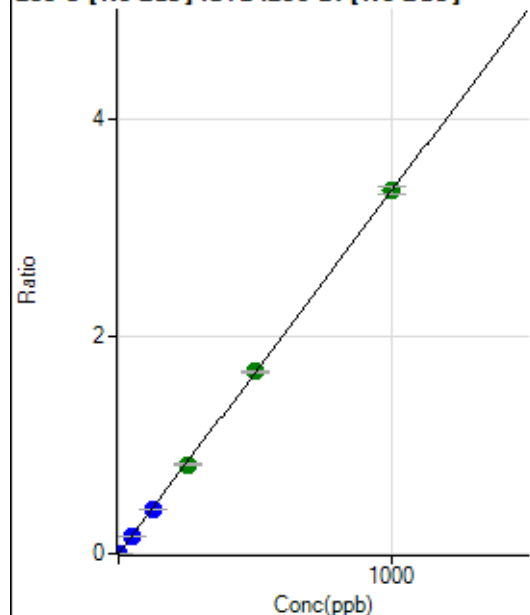
$$DL = 0.02522$$

$$BEC = 0.1562$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.4
2	☐	1.000	0.898	9323.13	0.0030	P	1.6
3	☐	50.000	46.069	475880.85	0.1536	P	2.6
4	☐	125.000	121.031	1270397.57	0.4035	P	1.2
5	☐	250.000	245.960	2596796.80	0.8200	A	0.8
6	☐	500.000	502.717	5181207.19	1.6761	A	1.4
7	☐	1000.000	1000.344	10462285.13	3.3352	A	2.3
8	☐			1511.25	0.0005	P	11.4

$$y = 0.0033 * x + 7.3380E-006$$

$$R = 1.0000$$

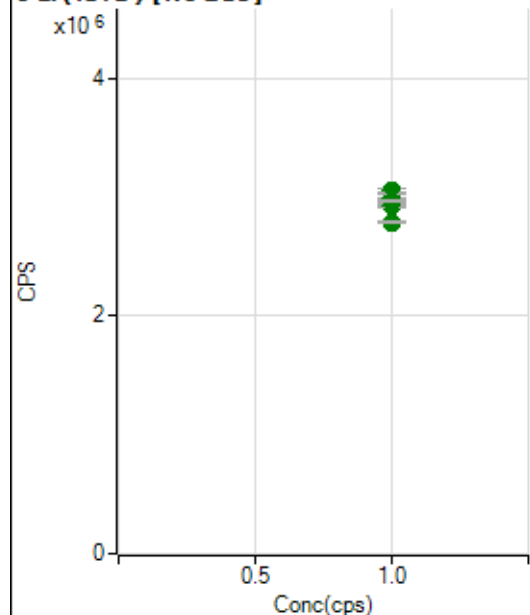
$$DL = 0.003789$$

$$BEC = 0.002201$$

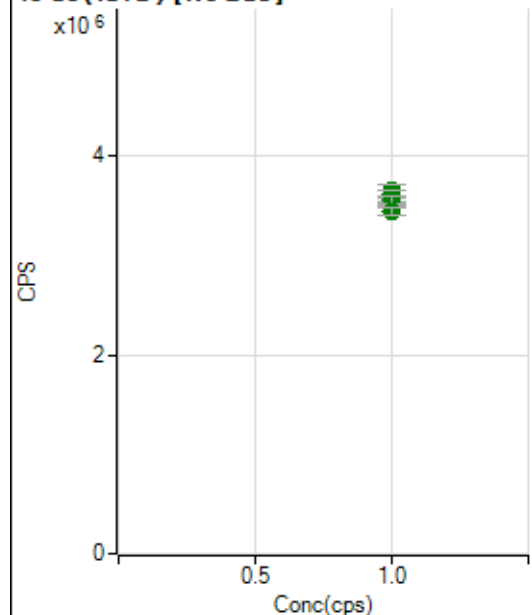
Weight: <None>

Min Conc: 0

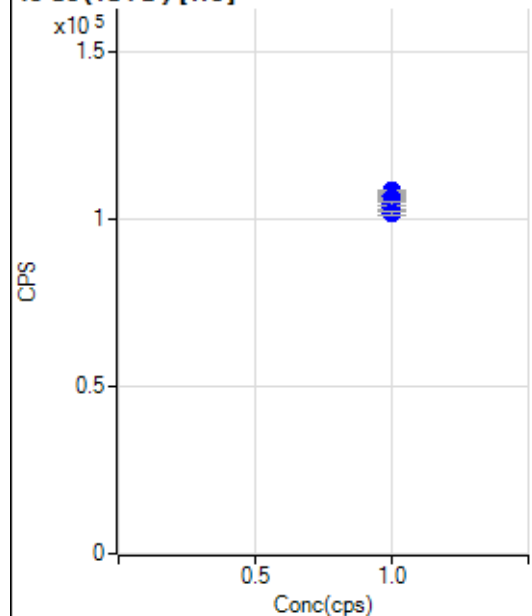
6 Li (ISTD) [No Gas]



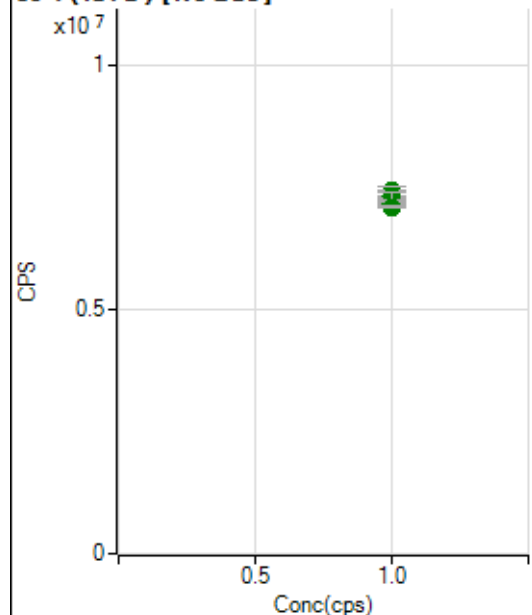
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2990596.81		A	0.4
2	☐	1.000		2990158.58		A	3.6
3	☐	1.000		3053639.18		A	1.2
4	☐	1.000		3034991.15		A	1.0
5	☐	1.000		2995542.23		A	1.8
6	☐	1.000		2932385.10		A	1.3
7	☐	1.000		2965994.67		A	0.4
8	☐	1.000		2789564.98		A	0.5

45 Sc (ISTD) [No Gas]

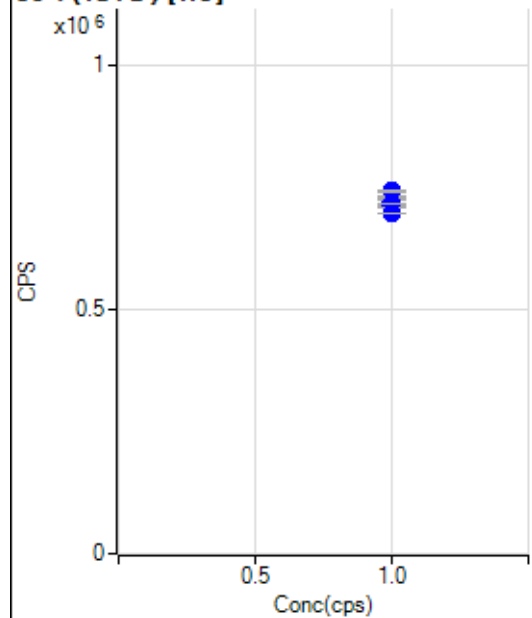
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3551825.05		A	1.3
2	☐	1.000		3567492.44		A	1.2
3	☐	1.000		3653787.27		A	3.3
4	☐	1.000		3566350.95		A	1.6
5	☐	1.000		3626952.93		A	1.6
6	☐	1.000		3507246.16		A	0.7
7	☐	1.000		3569134.57		A	2.0
8	☐	1.000		3450503.87		A	2.4

45 Sc (ISTD) [He]

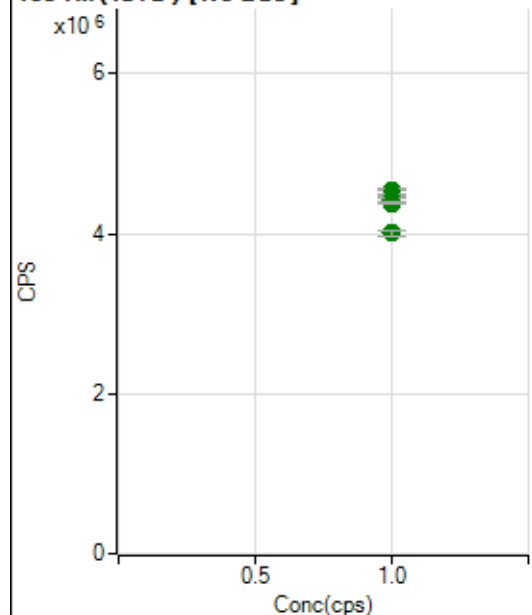
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		107312.18		P	0.8
2	☐	1.000		106613.95		P	0.9
3	☐	1.000		108318.04		P	0.7
4	☐	1.000		106071.80		P	0.5
5	☐	1.000		105273.74		P	0.8
6	☐	1.000		103311.66		P	1.0
7	☐	1.000		104421.86		P	0.8
8	☐	1.000		101454.52		P	1.3

89 Y (ISTD) [No Gas]

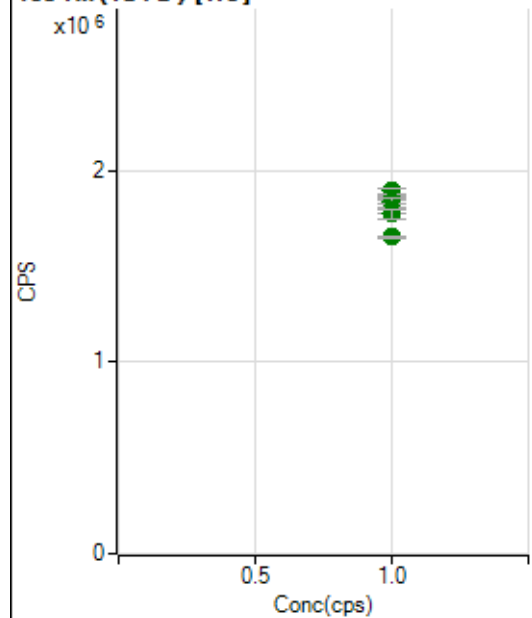
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7149315.03		A	0.8
2	☐	1.000		7149364.34		A	1.0
3	☐	1.000		7427297.11		A	2.5
4	☐	1.000		7271011.90		A	0.8
5	☐	1.000		7243748.29		A	0.7
6	☐	1.000		7316224.89		A	3.5
7	☐	1.000		7333505.24		A	2.0
8	☐	1.000		7097912.54		A	0.8

89 Y (ISTD) [He]

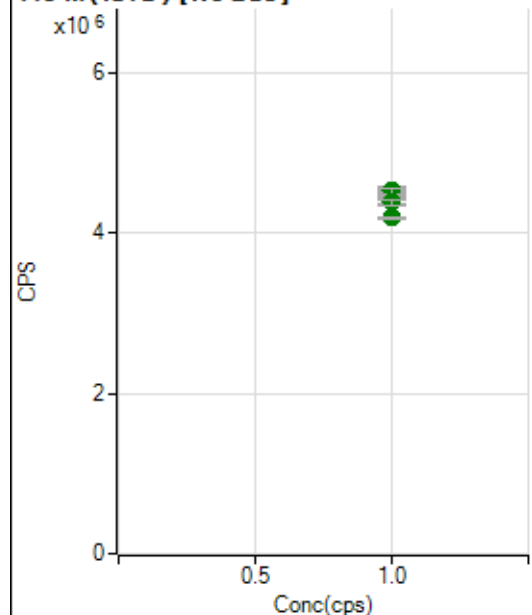
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		725389.49		P	0.7
2	☐	1.000		729758.80		P	0.7
3	☐	1.000		741944.07		P	0.5
4	☐	1.000		720265.39		P	1.0
5	☐	1.000		721341.31		P	1.2
6	☐	1.000		714220.41		P	1.0
7	☐	1.000		712874.61		P	1.2
8	☐	1.000		695781.32		P	0.5

103 Rh (ISTD) [No Gas]

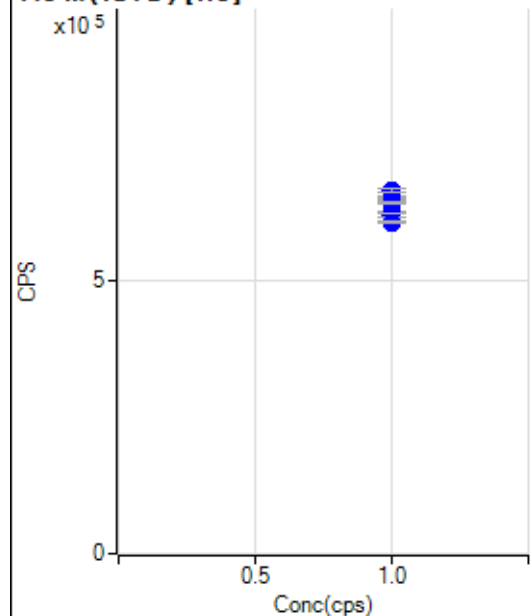
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4536247.19		A	1.4
2	☐	1.000		4433278.87		A	1.4
3	☐	1.000		4506865.16		A	1.2
4	☐	1.000		4410429.35		A	1.9
5	☐	1.000		4490884.73		A	0.7
6	☐	1.000		4422826.79		A	1.0
7	☐	1.000		4384681.57		A	0.6
8	☐	1.000		4009852.57		A	1.7

103 Rh (ISTD) [He]

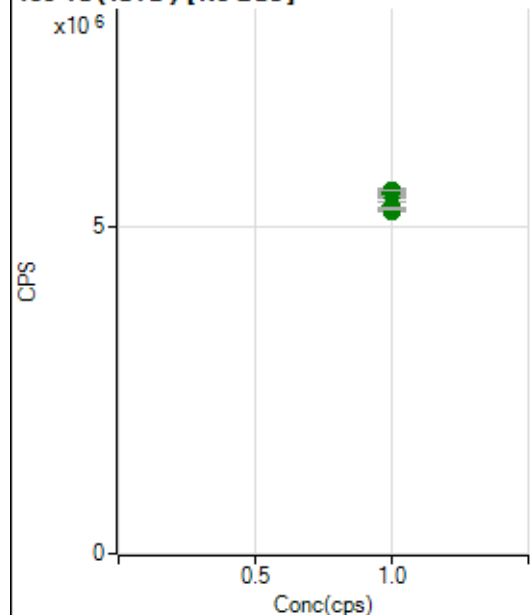
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1866336.45		A	1.0
2	☐	1.000		1856373.67		A	0.8
3	☐	1.000		1894859.87		A	1.6
4	☐	1.000		1853211.85		A	2.3
5	☐	1.000		1840995.60		A	1.5
6	☐	1.000		1796097.87		A	1.7
7	☐	1.000		1776236.64		A	2.9
8	☐	1.000		1652385.88		A	0.7

115 In (ISTD) [No Gas]

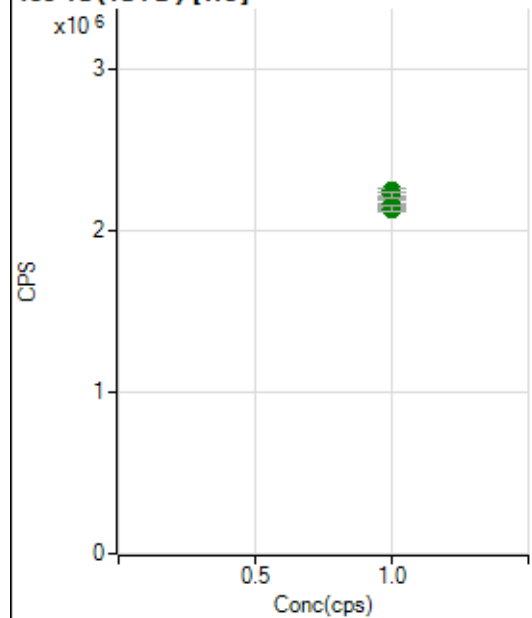
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4497949.93		A	1.9
2	☐	1.000		4499112.24		A	2.8
3	☐	1.000		4527471.17		A	2.0
4	☐	1.000		4486855.41		A	1.4
5	☐	1.000		4523714.45		A	1.4
6	☐	1.000		4398257.72		A	0.9
7	☐	1.000		4379697.83		A	1.8
8	☐	1.000		4196142.05		A	0.7

115 In (ISTD) [He]

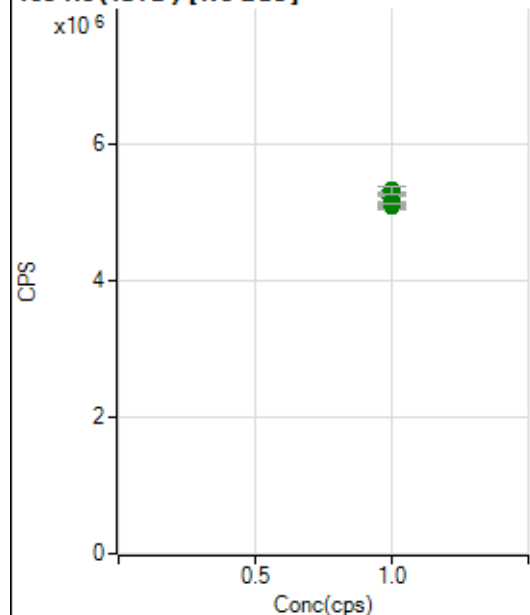
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		654560.54		P	0.4
2	☐	1.000		651335.62		P	0.4
3	☐	1.000		666462.69		P	0.9
4	☐	1.000		643206.87		P	0.5
5	☐	1.000		644714.04		P	0.3
6	☐	1.000		623680.22		P	2.0
7	☐	1.000		623054.72		P	1.2
8	☐	1.000		608341.95		P	0.4

159 Tb (ISTD) [No Gas]

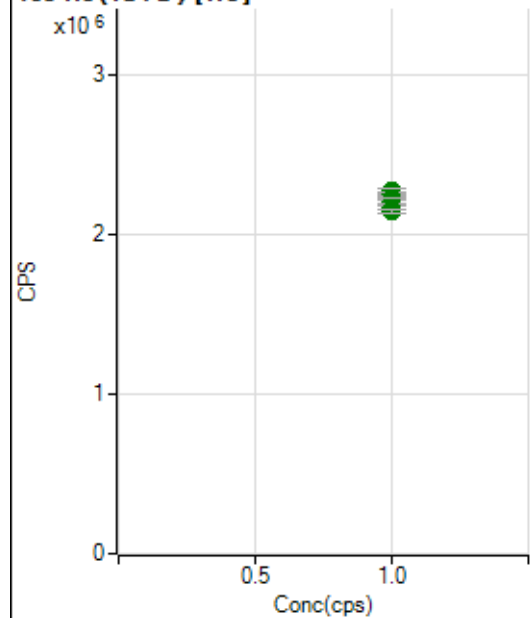
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5236728.88		A	0.3
2	☐	1.000		5317551.41		A	2.5
3	☐	1.000		5486062.42		A	1.5
4	☐	1.000		5541330.20		A	1.2
5	☐	1.000		5524835.68		A	1.0
6	☐	1.000		5509265.89		A	1.8
7	☐	1.000		5547289.71		A	0.1
8	☐	1.000		5287391.03		A	0.6

159 Tb (ISTD) [He]

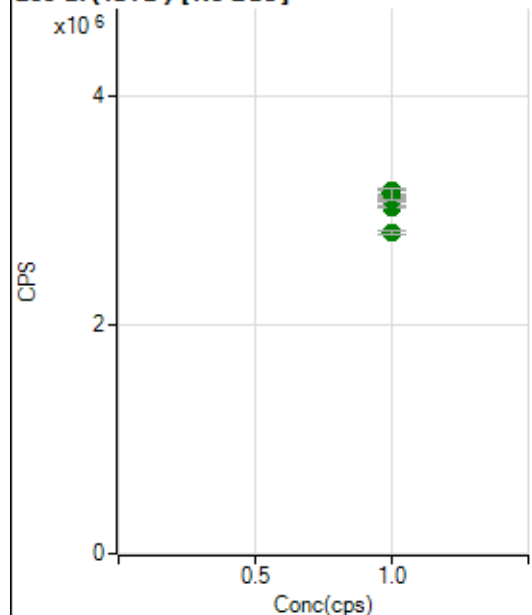
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2158811.81		A	0.2
2	☐	1.000		2148351.90		A	1.5
3	☐	1.000		2245388.28		A	1.0
4	☐	1.000		2184297.10		A	2.6
5	☐	1.000		2210762.33		A	0.8
6	☐	1.000		2167439.88		A	2.1
7	☐	1.000		2220567.55		A	1.8
8	☐	1.000		2134628.23		A	1.7

165 Ho (ISTD) [No Gas]

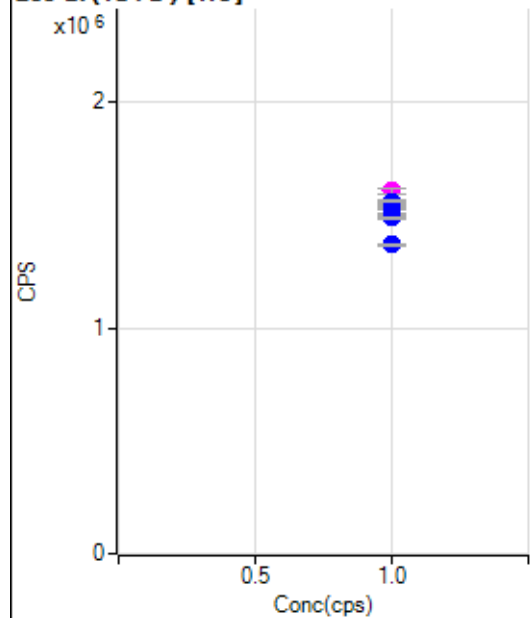
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5099780.15		A	1.2
2	☐	1.000		5090591.56		A	2.2
3	☐	1.000		5123125.55		A	0.9
4	☐	1.000		5219822.95		A	2.8
5	☐	1.000		5269944.30		A	1.5
6	☐	1.000		5272693.56		A	1.0
7	☐	1.000		5317671.99		A	2.1
8	☐	1.000		5134472.60		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2236147.75		A	1.2
2	☐	1.000		2171614.65		A	1.4
3	☐	1.000		2258321.89		A	2.9
4	☐	1.000		2207106.46		A	0.8
5	☐	1.000		2273559.46		A	0.9
6	☐	1.000		2230062.19		A	0.9
7	☐	1.000		2229811.79		A	0.3
8	☐	1.000		2145072.66		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3027127.91		A	0.5
2	☐	1.000		3106009.96		A	1.4
3	☐	1.000		3098322.39		A	1.5
4	☐	1.000		3148519.50		A	1.1
5	☐	1.000		3166702.45		A	0.2
6	☐	1.000		3091191.55		A	1.2
7	☐	1.000		3137313.95		A	3.2
8	☐	1.000		2803439.85		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1538986.04		P	1.9
2	☐	1.000		1543400.85		P	1.0
3	☐	1.000		1605980.88		M	1.7
4	☐	1.000		1546347.96		P	0.9
5	☐	1.000		1558818.40		P	0.6
6	☐	1.000		1504212.89		P	0.4
7	☐	1.000		1486394.35		P	0.9
8	☐	1.000		1366610.60		P	0.4

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8020723-MS.b

Acq. Date-Time 2023-02-07 07:11:34

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		8280	82795.93			0.284	5.000
24		53056	530561.34			0.445	5.000
25		7293	72933.96			0.459	5.000
26		8175	81750.72			0.642	5.000
59		37950	379498.70			0.977	5.000
113		3835	38347.38			0.785	5.000
115		47997	479965.62			1.344	5.000
206		9411	94108.81			1.195	5.000
207		8585	85845.20			0.903	5.000
208		20817	208168.92			1.092	5.000
220		1	7.20			31.672	

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

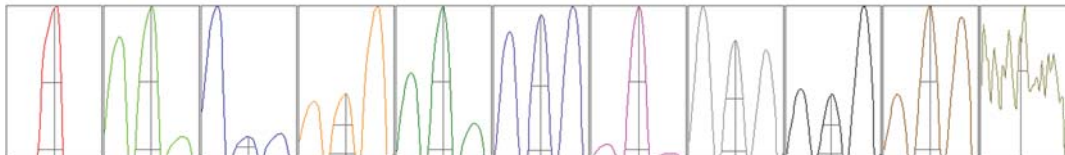
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8301	8286	8245	8267	8298
24	52848	53364	53117	53161	52791
25	7241	7332	7298	7308	7288
26	8230	8192	8210	8101	8142
59	37637	38301	38342	37938	37531
113	3810	3862	3818	3873	3811
115	47058	48695	47880	48505	47845
206	9367	9297	9597	9379	9414
207	8498	8613	8696	8527	8587
208	20528	20905	21134	20696	20821

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	14369.36	9.05	8.90 - 9.10	
24	94931.65	24.00	23.90 - 24.10	
25	12639.82	25.00	24.90 - 25.10	
26	14525.12	26.00	25.90 - 26.10	
59	71401.34	59.00	58.90 - 59.10	
113	7557.57	113.00	112.90 - 113.10	
115	95296.71	115.05	114.90 - 115.10	
206	18113.00	206.00	205.90 - 206.10	
207	16650.33	206.95	206.90 - 207.10	
208	39764.22	208.00	207.90 - 208.10	
220	0.95	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.775	0.900	
24	0.59	0.783	0.900	
25	0.61	0.784	0.900	
26	0.60	0.792	0.900	
59	0.56	0.773	0.900	
113	0.53	0.729	0.900	
115	0.52	0.759	0.900	
206	0.53	0.783	0.900	
207	0.53	0.776	0.900	
208	0.54	0.781	0.900	
220	0.29			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.2 V	Deflect	15.8 V
Extract 2	-170.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 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	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-1.0 mm

EM

Discriminator	4.4 mV	Analog HV	2307 V	Pulse HV	1664 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7603	76031.28			0.586	
89		8382	83822.16			1.129	
205		6147	61469.82			1.369	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7674	7551	7602	7596	7592
89	8432	8420	8410	8435	8214
205	6167	6169	6246	6137	6015

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.2 V	Deflect	5.0 V

US EPA Tune Check Report

Extract 2	-170.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 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	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-1.0 mm

EM

Discriminator	4.4 mV	Analog HV	2307 V	Pulse HV	1664 V

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 07:59:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-0.14	0.53	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.02	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.01	-0.03	0.03	0.00	N/A	ppb
Boron	11-1	0.01	0.01	-0.02	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	0.11	-0.02	0.00	N/A	ppb
Cadmium	106-1	-0.98	1.43	-0.45	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.05	0.00	0.00	N/A	ppb
Calcium	43-1	1.72	0.14	-1.86	0.00	N/A	ppb
Calcium	44-1	1.41	0.01	-1.42	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	0.00	-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	-0.27	1.66	-1.40	0.00	N/A	ppb
Iron	56-2	-0.13	-0.04	0.18	0.00	N/A	ppb
Iron	57-2	-1.18	0.91	0.27	0.00	N/A	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 07:59:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.03	0.00	N/A	ppb
Lead	207-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.24	0.09	0.15	0.00	N/A	ppb
Manganese	55-2	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.02	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-23.97	4.62	-13.69	-11.01		ppb
Potassium	39-2	-3.17	-0.42	3.59	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.28	-0.09	0.37	0.00	N/A	ppb
Selenium	77-2	0.87	-0.43	-0.43	0.00	N/A	ppb
Selenium	78-2	-0.58	0.39	0.19	0.00	N/A	ppb
Silicon	28-1	0.88	-0.21	-0.67	0.00	N/A	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	N/A	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sodium	23-2	4.15	-3.26	-0.89	0.00	N/A	ppb
Strontium	86-1	-0.03	-0.02	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	174.49	88.37	-369.88	-35.67		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.02	0.01	0.00	N/A	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 07:59:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.03	-0.07	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.08	0.03	0.06	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	N/A	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:02:47	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.88	20.37	18.70	19.32	4.75	ppb
Antimony	121-1	1.90	1.85	2.01	1.92	4.31	ppb
Arsenic	75-2	1.02	1.09	0.86	0.99	11.91	ppb
Barium	135-1	9.20	8.91	9.18	9.10	1.81	ppb
Barium	137-1	9.73	9.48	9.14	9.45	3.13	ppb
Beryllium	9-1	1.10	0.98	1.01	1.03	5.96	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	19.93	20.52	22.14	20.86	5.49	ppb
Boron	11-1	21.48	22.35	23.43	22.42	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.81	0.88	1.08	0.92	15.09	ppb
Cadmium	106-1	-2.47	0.28	2.43	0.08	3033.97	ppb
Cadmium	108-1	1.40	1.43	0.82	1.22	28.20	ppb
Calcium	43-1	488.14	503.77	491.71	494.54	1.66	ppb
Calcium	44-1	502.30	508.96	489.96	500.41	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.93	1.85	1.89	2.02	ppb
Cobalt	59-2	1.01	1.02	0.94	0.99	4.81	ppb
Copper	63-2	2.11	2.20	2.01	2.11	4.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	53.65	52.55	55.47	53.89	2.74	ppb
Iron	56-2	49.52	48.29	47.64	48.48	1.97	ppb
Iron	57-2	53.86	43.98	50.75	49.53	10.21	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:02:47	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.82	0.74	0.79	5.40	ppb
Lead	207-1	0.80	0.95	0.74	0.83	12.59	ppb
Lead	208-1	0.83	0.84	0.77	0.82	4.71	ppb
Lithium	6-1				100		%
Magnesium	24-2	494.97	474.12	472.43	480.51	2.61	ppb
Manganese	55-2	0.98	1.03	1.02	1.01	2.68	ppb
Molybdenum	94-1	5.56	5.76	5.81	5.71	2.31	ppb
Molybdenum	95-1	5.15	5.26	4.61	5.00	6.99	ppb
Molybdenum	96-1	4.91	5.03	4.91	4.95	1.43	ppb
Molybdenum	97-1	4.88	5.16	5.21	5.09	3.53	ppb
Molybdenum	98-1	4.90	5.14	4.92	4.99	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.15	0.93	1.13	17.31	ppb
Phosphorus	31-2	30.82	-2.75	4.97	11.01	159.66	ppb
Potassium	39-2	500.51	469.69	456.43	475.54	4.76	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.67	5.26	4.48	4.80	8.47	ppb
Selenium	77-2	0.85	2.16	-0.43	0.86	150.99	ppb
Selenium	78-2	4.96	5.72	4.19	4.96	15.49	ppb
Silicon	28-1	1.27	6.00	1.15	2.81	98.40	ppb
Silver	107-1	1.01	0.95	1.05	1.00	5.23	ppb
Silver	109-1	1.04	0.96	1.00	1.00	3.97	ppb
Sodium	23-2	478.07	453.65	461.51	464.41	2.68	ppb
Strontium	86-1	1.01	0.99	0.84	0.95	10.24	ppb
Strontium	88-1	0.94	0.97	0.92	0.95	2.42	ppb
Sulfur	34-1	-86.26	370.26	-176.98	35.67	822.19	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.89	0.93	0.86	0.89	4.29	ppb
Thallium	205-1	0.96	0.94	0.91	0.93	2.95	ppb
Tin	118-1	5.04	4.96	4.54	4.85	5.55	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:02:47	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.88	5.60	4.71	5.06	9.36	ppb
Uranium	238-1	0.91	0.90	0.88	0.90	1.64	ppb
Vanadium	51-2	4.90	4.63	4.52	4.68	4.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.20	2.28	2.01	2.16	6.56	ppb
Zirconium	90-1	0.92	0.95	0.98	0.95	3.33	ppb
Zirconium	91-1	0.97	0.87	1.02	0.95	8.00	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:06:00	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.60	1030.50	1020.03	1028.71	0.77	ppb
Antimony	121-1	50.36	50.79	48.35	49.84	2.61	ppb
Arsenic	75-2	49.62	51.40	49.08	50.03	2.43	ppb
Barium	135-1	248.54	245.84	237.76	244.05	2.30	ppb
Barium	137-1	246.65	250.46	233.08	243.40	3.75	ppb
Beryllium	9-1	52.68	51.81	50.97	51.82	1.65	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	62.40	61.52	65.23	63.05	3.07	ppb
Boron	11-1	67.06	68.60	69.69	68.45	1.93	ppb
Bromine	81-1						cps
Cadmium	111-1	52.36	52.83	51.71	52.30	1.07	ppb
Cadmium	106-1	54.69	51.69	50.77	52.38	3.91	ppb
Cadmium	108-1	53.06	51.00	50.40	51.49	2.71	ppb
Calcium	43-1	5795.98	5538.05	5376.61	5570.21	3.80	ppb
Calcium	44-1	5605.02	5265.55	5161.25	5343.94	4.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.50	50.02	49.27	49.93	1.25	ppb
Cobalt	59-2	48.69	49.18	48.72	48.87	0.56	ppb
Copper	63-2	504.09	500.61	501.88	502.20	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2685.31	2708.47	2594.31	2662.70	2.27	ppb
Iron	56-2	2678.19	2644.16	2588.11	2636.82	1.72	ppb
Iron	57-2	2635.77	2564.19	2595.16	2598.37	1.38	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:06:00	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	227.88	228.85	231.75	229.49	0.88	ppb
Lead	207-1	233.39	236.53	236.51	235.48	0.77	ppb
Lead	208-1	232.62	235.92	233.09	233.87	0.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	5270.10	5277.29	5122.10	5223.16	1.68	ppb
Manganese	55-2	496.79	496.79	481.75	491.77	1.77	ppb
Molybdenum	94-1	510.15	505.11	477.49	497.58	3.53	ppb
Molybdenum	95-1	501.85	500.52	471.03	491.13	3.55	ppb
Molybdenum	96-1	509.64	494.74	477.57	493.98	3.25	ppb
Molybdenum	97-1	526.91	509.44	488.75	508.37	3.76	ppb
Molybdenum	98-1	510.78	511.00	479.07	500.28	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.58	51.16	51.10	51.28	0.52	ppb
Phosphorus	31-2	933.91	927.96	1054.52	972.13	7.35	ppb
Potassium	39-2	2501.10	2541.44	2507.06	2516.53	0.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	54.07	52.50	48.38	51.65	5.69	ppb
Selenium	77-2	53.08	45.82	44.10	47.67	10.00	ppb
Selenium	78-2	59.68	55.67	52.36	55.91	6.56	ppb
Silicon	28-1	161.29	136.59	140.92	146.27	9.02	ppb
Silver	107-1	53.40	53.08	50.35	52.28	3.21	ppb
Silver	109-1	53.76	53.98	50.69	52.81	3.48	ppb
Sodium	23-2	5253.69	5202.25	5007.25	5154.40	2.52	ppb
Strontium	86-1	1256.07	1264.99	1181.36	1234.14	3.72	ppb
Strontium	88-1	1257.40	1223.33	1181.81	1220.85	3.10	ppb
Sulfur	34-1	1683.85	417.34	488.21	863.13	82.45	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	47.86	48.48	47.52	47.96	1.01	ppb
Thallium	205-1	48.75	49.01	48.70	48.82	0.34	ppb
Tin	118-1	51.31	51.84	48.39	50.51	3.67	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:06:00	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	523.60	495.15	490.30	503.02	3.58	ppb
Uranium	238-1	45.75	47.39	45.06	46.07	2.61	ppb
Vanadium	51-2	48.79	49.12	47.85	48.59	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	522.51	515.63	519.82	519.32	0.67	ppb
Zirconium	90-1	52.15	50.56	48.93	50.55	3.19	ppb
Zirconium	91-1	49.56	49.32	48.34	49.07	1.31	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:09:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2739.37	2692.42	2648.22	2693.34	1.69	ppb
Antimony	121-1	127.54	127.14	122.75	125.81	2.11	ppb
Arsenic	75-2	135.21	133.78	128.81	132.60	2.53	ppb
Barium	135-1	625.68	629.91	612.48	622.69	1.46	ppb
Barium	137-1	636.65	647.32	632.44	638.80	1.20	ppb
Beryllium	9-1	134.49	134.85	135.35	134.90	0.32	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	209.79	217.24	221.00	216.01	2.64	ppb
Boron	11-1	218.38	232.65	238.07	229.70	4.43	ppb
Bromine	81-1						cps
Cadmium	111-1	132.52	133.25	130.05	131.94	1.27	ppb
Cadmium	106-1	135.94	129.92	130.58	132.15	2.50	ppb
Cadmium	108-1	126.71	129.47	131.32	129.17	1.79	ppb
Calcium	43-1	14757.06	15242.33	14639.36	14879.59	2.15	ppb
Calcium	44-1	14478.42	14580.44	13825.69	14294.85	2.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	135.43	130.04	131.63	132.37	2.09	ppb
Cobalt	59-2	131.52	127.53	126.41	128.49	2.09	ppb
Copper	63-2	1347.96	1329.83	1352.55	1343.45	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	7113.58	6967.11	7126.46	7069.05	1.25	ppb
Iron	56-2	7067.89	6907.17	6724.15	6899.74	2.49	ppb
Iron	57-2	6789.64	6633.82	6632.90	6685.45	1.35	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:09:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	640.75	635.10	625.36	633.74	1.23	ppb
Lead	207-1	614.53	620.22	599.36	611.37	1.76	ppb
Lead	208-1	634.65	630.73	624.96	630.11	0.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	14255.09	13868.45	13773.89	13965.81	1.83	ppb
Manganese	55-2	1314.21	1285.95	1266.88	1289.01	1.85	ppb
Molybdenum	94-1	1311.49	1309.54	1306.99	1309.34	0.17	ppb
Molybdenum	95-1	1325.07	1279.18	1295.00	1299.75	1.79	ppb
Molybdenum	96-1	1318.44	1290.95	1320.94	1310.11	1.27	ppb
Molybdenum	97-1	1326.30	1307.42	1330.21	1321.31	0.92	ppb
Molybdenum	98-1	1295.21	1254.58	1348.66	1299.48	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.97	133.07	130.08	132.71	1.86	ppb
Phosphorus	31-2	2697.85	2520.23	2663.69	2627.26	3.59	ppb
Potassium	39-2	6694.62	6514.88	6658.87	6622.79	1.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	133.97	132.19	133.91	133.36	0.76	ppb
Selenium	77-2	123.13	169.75	116.83	136.57	21.16	ppb
Selenium	78-2	138.77	127.68	129.98	132.14	4.43	ppb
Silicon	28-1	686.44	739.15	698.66	708.08	3.90	ppb
Silver	107-1	131.96	130.70	129.97	130.88	0.77	ppb
Silver	109-1	134.52	133.60	131.26	133.13	1.26	ppb
Sodium	23-2	14114.30	13565.75	13812.15	13830.73	1.99	ppb
Strontium	86-1	3331.23	3267.57	3188.96	3262.58	2.18	ppb
Strontium	88-1	3171.97	3248.93	3164.91	3195.27	1.46	ppb
Sulfur	34-1	2931.69	3333.93	2969.27	3078.30	7.22	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	124.85	121.43	125.40	123.89	1.73	ppb
Thallium	205-1	127.42	124.01	123.17	124.86	1.80	ppb
Tin	118-1	129.62	130.17	124.81	128.20	2.30	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:09:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1341.55	1326.67	1329.22	1332.48	0.60	ppb
Uranium	238-1	119.28	121.90	121.91	121.03	1.25	ppb
Vanadium	51-2	131.79	126.16	130.21	129.39	2.24	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	1359.73	1319.24	1359.57	1346.18	1.73	ppb
Zirconium	90-1	132.35	133.28	133.93	133.19	0.59	ppb
Zirconium	91-1	132.06	132.81	131.65	132.18	0.44	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:12:14	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5429.40	5341.82	5202.69	5324.64	2.15	ppb
Antimony	121-1	256.45	256.23	249.62	254.10	1.53	ppb
Arsenic	75-2	258.43	259.77	259.28	259.16	0.26	ppb
Barium	135-1	1284.22	1251.54	1234.34	1256.70	2.02	ppb
Barium	137-1	1259.07	1257.92	1241.75	1252.91	0.77	ppb
Beryllium	9-1	261.30	269.30	262.04	264.21	1.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	308.11	331.62	324.55	321.43	3.75	ppb
Boron	11-1	329.29	351.01	358.26	346.19	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	266.50	262.14	254.61	261.08	2.30	ppb
Cadmium	106-1	265.20	268.76	248.16	260.71	4.22	ppb
Cadmium	108-1	265.90	257.62	252.51	258.68	2.61	ppb
Calcium	43-1	28923.55	28504.26	28966.06	28797.96	0.89	ppb
Calcium	44-1	27902.19	27455.48	28077.19	27811.62	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262.62	260.18	249.10	257.30	2.80	ppb
Cobalt	59-2	257.59	257.31	250.70	255.20	1.53	ppb
Copper	63-2	2701.95	2655.85	2588.10	2648.63	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				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	14101.25	13871.32	13441.34	13804.64	2.43	ppb
Iron	56-2	13748.66	13428.75	13135.70	13437.71	2.28	ppb
Iron	57-2	13874.19	13231.72	13156.60	13420.83	2.94	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:12:14	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1263.30	1254.52	1258.89	1258.90	0.35	ppb
Lead	207-1	1324.00	1282.92	1278.87	1295.26	1.93	ppb
Lead	208-1	1265.36	1252.21	1270.22	1262.59	0.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	28283.64	27490.00	26954.07	27575.90	2.43	ppb
Manganese	55-2	2642.02	2625.95	2569.34	2612.43	1.46	ppb
Molybdenum	94-1	2622.64	2588.15	2540.47	2583.75	1.60	ppb
Molybdenum	95-1	2549.64	2563.96	2530.74	2548.11	0.65	ppb
Molybdenum	96-1	2569.80	2554.29	2539.67	2554.59	0.59	ppb
Molybdenum	97-1	2577.45	2593.77	2539.68	2570.30	1.08	ppb
Molybdenum	98-1	2601.55	2587.24	2516.36	2568.38	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.07	261.76	256.24	262.69	2.65	ppb
Phosphorus	31-2	5242.59	5042.90	5229.68	5171.72	2.16	ppb
Potassium	39-2	13331.12	13198.68	13001.49	13177.10	1.26	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	264.77	265.61	258.42	262.93	1.50	ppb
Selenium	77-2	282.42	266.40	282.72	277.18	3.37	ppb
Selenium	78-2	265.21	256.26	266.78	262.75	2.16	ppb
Silicon	28-1	663.98	655.79	671.56	663.78	1.19	ppb
Silver	107-1	268.11	262.70	248.03	259.61	4.00	ppb
Silver	109-1	270.34	262.29	259.75	264.13	2.09	ppb
Sodium	23-2	27911.26	27062.07	26171.99	27048.44	3.22	ppb
Strontium	86-1	6449.10	6407.85	6199.58	6352.18	2.11	ppb
Strontium	88-1	6552.47	6384.99	6334.07	6423.85	1.78	ppb
Sulfur	34-1	5954.47	5154.48	5774.05	5627.67	7.46	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	243.98	240.43	242.14	242.18	0.73	ppb
Thallium	205-1	255.23	253.77	258.67	255.89	0.98	ppb
Tin	118-1	260.58	249.89	245.10	251.86	3.15	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:12:14	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2551.64	2517.22	2606.61	2558.49	1.76	ppb
Uranium	238-1	247.21	243.62	247.05	245.96	0.83	ppb
Vanadium	51-2	264.14	254.40	247.51	255.35	3.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2689.54	2675.14	2565.50	2643.39	2.57	ppb
Zirconium	90-1	260.79	261.42	256.14	259.45	1.11	ppb
Zirconium	91-1	258.63	257.68	254.03	256.78	0.95	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:15:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10139.61	10137.87	10066.41	10114.63	0.41	ppb
Antimony	121-1	490.58	516.31	496.13	501.00	2.70	ppb
Arsenic	75-2	504.84	490.76	497.00	497.53	1.42	ppb
Barium	135-1	2448.35	2522.41	2415.19	2461.98	2.23	ppb
Barium	137-1	2478.34	2457.81	2420.44	2452.19	1.20	ppb
Beryllium	9-1	526.14	515.22	519.70	520.35	1.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	495.89	504.41	519.21	506.50	2.33	ppb
Boron	11-1	525.62	539.89	558.83	541.44	3.08	ppb
Bromine	81-1						cps
Cadmium	111-1	493.38	506.13	497.53	499.02	1.30	ppb
Cadmium	106-1	494.50	516.41	496.66	502.52	2.40	ppb
Cadmium	108-1	495.50	500.96	498.27	498.24	0.55	ppb
Calcium	43-1	57571.04	57836.27	56785.54	57397.61	0.95	ppb
Calcium	44-1	55146.28	55280.43	53941.85	54789.52	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.00	492.22	492.15	495.12	1.03	ppb
Cobalt	59-2	486.38	488.25	484.49	486.38	0.39	ppb
Copper	63-2	4985.85	4985.46	5023.18	4998.16	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	27146.12	26792.98	26501.79	26813.63	1.20	ppb
Iron	56-2	26175.93	25652.40	25974.68	25934.34	1.02	ppb
Iron	57-2	25948.29	25599.80	25150.85	25566.31	1.56	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:15:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2504.39	2412.30	2472.31	2463.00	1.90	ppb
Lead	207-1	2535.01	2490.48	2484.83	2503.44	1.10	ppb
Lead	208-1	2533.83	2452.58	2455.38	2480.60	1.86	ppb
Lithium	6-1				98		%
Magnesium	24-2	52534.87	51669.11	52363.32	52189.10	0.88	ppb
Manganese	55-2	5120.48	4844.75	5057.99	5007.74	2.89	ppb
Molybdenum	94-1	4851.03	4999.75	4972.52	4941.10	1.60	ppb
Molybdenum	95-1	4753.08	5081.49	4998.73	4944.43	3.45	ppb
Molybdenum	96-1	4744.04	5080.53	4965.27	4929.95	3.47	ppb
Molybdenum	97-1	4800.94	5041.97	4896.18	4913.03	2.47	ppb
Molybdenum	98-1	4735.23	5086.14	4876.94	4899.44	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.31	500.21	497.74	501.09	0.77	ppb
Phosphorus	31-2	9881.30	10032.11	9515.68	9809.70	2.71	ppb
Potassium	39-2	25339.63	24854.12	25066.26	25086.67	0.97	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	485.75	507.10	509.87	500.90	2.64	ppb
Selenium	77-2	494.98	442.23	469.48	468.90	5.63	ppb
Selenium	78-2	495.29	486.74	487.88	489.97	0.95	ppb
Silicon	28-1	480.99	493.87	490.22	488.36	1.36	ppb
Silver	107-1	493.77	501.60	506.44	500.60	1.28	ppb
Silver	109-1	507.51	521.94	505.45	511.63	1.76	ppb
Sodium	23-2	52324.11	51086.27	50544.72	51318.37	1.78	ppb
Strontium	86-1	11778.74	12587.14	12290.91	12218.93	3.35	ppb
Strontium	88-1	12236.69	12523.27	12820.25	12526.74	2.33	ppb
Sulfur	34-1	12354.55	12191.90	12425.10	12323.85	0.97	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	496.96	502.27	482.48	493.90	2.07	ppb
Thallium	205-1	487.53	499.37	514.60	500.50	2.71	ppb
Tin	118-1	488.60	502.75	491.68	494.34	1.51	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:15:21	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5059.58	5026.36	5063.11	5049.68	0.40	ppb
Uranium	238-1	506.29	507.43	494.42	502.72	1.43	ppb
Vanadium	51-2	492.81	494.01	485.53	490.79	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	5000.70	4976.40	4965.17	4980.76	0.36	ppb
Zirconium	90-1	483.73	492.96	510.68	495.79	2.76	ppb
Zirconium	91-1	481.77	507.40	507.93	499.04	3.00	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:18:30	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20978.70	20370.21	19734.67	20361.19	3.06	ppb
Antimony	121-1	1007.29	996.91	990.95	998.38	0.83	ppb
Arsenic	75-2	997.47	1004.10	992.41	997.99	0.59	ppb
Barium	135-1	5149.41	4991.85	4912.50	5017.92	2.40	ppb
Barium	137-1	5103.26	5013.92	4948.15	5021.78	1.55	ppb
Beryllium	9-1	997.43	984.78	972.62	984.94	1.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	945.72	975.63	979.55	966.97	1.91	ppb
Boron	11-1	894.90	972.30	956.66	941.29	4.35	ppb
Bromine	81-1						cps
Cadmium	111-1	997.03	1000.11	993.07	996.74	0.35	ppb
Cadmium	106-1	981.57	992.42	1011.16	995.05	1.50	ppb
Cadmium	108-1	989.37	998.14	1006.83	998.11	0.87	ppb
Calcium	43-1	114951.24	118703.26	117261.40	116971.97	1.62	ppb
Calcium	44-1	106688.52	110089.24	110955.23	109244.33	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1014.32	1007.85	976.92	999.70	2.00	ppb
Cobalt	59-2	1010.24	1021.94	983.22	1005.13	1.98	ppb
Copper	63-2	9951.26	10030.09	9874.56	9951.97	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	55209.81	55779.02	53844.79	54944.54	1.81	ppb
Iron	56-2	53788.99	51680.76	51476.59	52315.45	2.45	ppb
Iron	57-2	52090.04	51167.10	50832.91	51363.35	1.27	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:18:30	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5175.42	4965.86	4907.34	5016.21	2.81	ppb
Lead	207-1	5183.63	4826.24	4958.31	4989.39	3.62	ppb
Lead	208-1	5179.18	4867.08	4973.89	5006.72	3.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	106119.65	104403.83	102724.43	104415.97	1.63	ppb
Manganese	55-2	10078.86	9967.32	9844.49	9963.56	1.18	ppb
Molybdenum	94-1	10093.51	9770.02	10140.11	10001.21	2.02	ppb
Molybdenum	95-1	10003.52	9907.16	10119.26	10009.98	1.06	ppb
Molybdenum	96-1	9834.24	9893.76	10314.50	10014.17	2.61	ppb
Molybdenum	97-1	9992.03	9923.93	10133.77	10016.58	1.07	ppb
Molybdenum	98-1	9982.16	9861.91	10236.89	10026.99	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1020.41	988.77	976.59	995.26	2.27	ppb
Phosphorus	31-2	20227.44	19705.64	20180.04	20037.71	1.44	ppb
Potassium	39-2	51429.31	52131.68	49812.96	51124.65	2.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	998.12	982.50	1004.95	995.19	1.16	ppb
Selenium	77-2	963.49	1054.03	1004.83	1007.45	4.50	ppb
Selenium	78-2	1025.79	1006.78	969.35	1000.64	2.87	ppb
Silicon	28-1	806.84	831.27	836.13	824.75	1.90	ppb
Silver	107-1	993.52	1004.45	991.38	996.45	0.70	ppb
Silver	109-1	963.36	1013.61	991.52	989.50	2.55	ppb
Sodium	23-2	107067.66	105264.51	102103.54	104811.90	2.40	ppb
Strontium	86-1	25190.18	24435.88	25621.64	25082.57	2.39	ppb
Strontium	88-1	25254.97	24582.01	24921.48	24919.49	1.35	ppb
Sulfur	34-1	17961.06	18348.73	19537.35	18615.71	4.41	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	1054.87	986.78	974.08	1005.24	4.32	ppb
Thallium	205-1	1028.06	993.79	973.21	998.35	2.78	ppb
Tin	118-1	1017.22	991.68	996.91	1001.94	1.35	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:18:30	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9709.87	10002.02	10138.34	9950.08	2.20	ppb
Uranium	238-1	993.87	981.72	1025.44	1000.34	2.26	ppb
Vanadium	51-2	1017.72	1001.29	989.37	1002.79	1.42	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	10050.44	10078.97	9752.94	9960.79	1.81	ppb
Zirconium	90-1	1011.95	971.30	1012.82	998.69	2.38	ppb
Zirconium	91-1	996.59	993.88	1003.34	997.94	0.49	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:21:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99303.67	100996.53	99384.64	99894.95	0.96	ppb
Antimony	121-1	4.84	4.93	5.12	4.96	2.88	ppb
Arsenic	75-2	1.00	1.06	0.99	1.02	3.61	ppb
Barium	135-1	6.75	5.84	6.05	6.22	7.59	ppb
Barium	137-1	6.24	6.18	6.25	6.23	0.63	ppb
Beryllium	9-1	0.34	0.31	0.30	0.32	7.10	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	73.99	69.58	64.35	69.31	6.96	ppb
Boron	11-1	80.13	74.40	68.52	74.35	7.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	0.23	0.29	0.28	16.06	ppb
Cadmium	106-1	-1.11	-1.52	-2.23	-1.62		ppb
Cadmium	108-1	0.72	0.56	0.72	0.67	13.79	ppb
Calcium	43-1	496365.29	511528.09	478938.90	495610.76	3.29	ppb
Calcium	44-1	496699.91	514307.44	481442.52	497483.29	3.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.49	8.79	8.68	8.65	1.75	ppb
Cobalt	59-2	0.94	0.88	1.09	0.97	11.14	ppb
Copper	63-2	3.56	3.83	3.83	3.74	4.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	54-2	248914.13	256215.62	241097.43	248742.39	3.04	ppb
Iron	56-2	250972.12	248719.61	248445.22	249378.98	0.56	ppb
Iron	57-2	250470.20	250305.67	248062.49	249612.79	0.54	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:21:36	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.74	1.59	1.47	1.60	8.27	ppb
Lead	207-1	1.67	1.43	1.56	1.55	7.87	ppb
Lead	208-1	1.69	1.52	1.54	1.59	5.88	ppb
Lithium	6-1				93		%
Magnesium	24-2	489990.58	508509.26	497690.89	498730.24	1.87	ppb
Manganese	55-2	11.17	11.03	11.17	11.12	0.71	ppb
Molybdenum	94-1	4.67	4.18	4.51	4.45	5.59	ppb
Molybdenum	95-1	4.35	4.26	4.06	4.22	3.48	ppb
Molybdenum	96-1	7.16	7.07	7.04	7.09	0.90	ppb
Molybdenum	97-1	4.47	4.34	4.08	4.29	4.57	ppb
Molybdenum	98-1	4.24	4.19	4.19	4.21	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.38	3.15	3.19	3.24	3.87	ppb
Phosphorus	31-2	-0.59	-6.98	-7.50	-5.02		ppb
Potassium	39-2	245959.63	248380.54	254829.17	249723.11	1.84	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	3.18	3.11	3.26	3.18	2.36	ppb
Selenium	77-2	3.67	-0.43	-0.43	0.93	254.01	ppb
Selenium	78-2	1.85	0.70	1.35	1.30	44.39	ppb
Silicon	28-1	201.32	231.88	218.98	217.39	7.06	ppb
Silver	107-1	1.26	1.27	1.27	1.27	0.25	ppb
Silver	109-1	1.21	1.33	1.31	1.28	4.92	ppb
Sodium	23-2	493343.14	506457.21	496505.40	498768.58	1.37	ppb
Strontium	86-1	10.03	9.34	8.59	9.32	7.74	ppb
Strontium	88-1	10.20	9.33	8.72	9.42	7.88	ppb
Sulfur	34-1	-1918.44	-1008.87	-1084.26	-1337.19		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.64	0.62	0.60	0.62	3.05	ppb
Thallium	205-1	0.65	0.55	0.61	0.60	8.92	ppb
Tin	118-1	1.44	1.38	1.41	1.41	2.18	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:21:36	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.47	8.68	8.35	8.50	2.01	ppb
Uranium	238-1	0.18	0.15	0.15	0.16	11.54	ppb
Vanadium	51-2	1.71	1.82	1.73	1.76	3.33	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	8.34	10.19	9.85	9.46	10.41	ppb
Zirconium	90-1	0.39	0.27	0.30	0.32	18.21	ppb
Zirconium	91-1	0.33	0.34	0.35	0.34	2.88	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICV20	Instrumnet Name :	P8
Client Sample ID :	ICV20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:32:26	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	529.53	508.69	500.74	512.99	2.90	ppb
Antimony	121-1	213.01	214.42	206.81	211.41	1.92	ppb
Arsenic	75-2	218.51	207.72	212.03	212.75	2.55	ppb
Barium	135-1	103.98	104.80	102.32	103.70	1.22	ppb
Barium	137-1	101.18	105.39	101.73	102.77	2.22	ppb
Beryllium	9-1	104.75	104.29	102.10	103.71	1.36	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	13.46	12.65	12.45	12.85	4.17	ppb
Boron	11-1	13.88	13.92	13.90	13.90	0.18	ppb
Bromine	81-1						cps
Cadmium	111-1	107.45	111.72	107.28	108.82	2.31	ppb
Cadmium	106-1	89.96	89.07	79.98	86.34	6.40	ppb
Cadmium	108-1	90.44	86.12	91.56	89.37	3.22	ppb
Calcium	43-1	2131.62	2092.97	2058.83	2094.47	1.74	ppb
Calcium	44-1	2159.96	2081.48	2084.08	2108.51	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.29	99.33	99.96	101.52	3.22	ppb
Cobalt	59-2	104.91	99.14	98.39	100.81	3.54	ppb
Copper	63-2	101.93	97.36	97.99	99.09	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	2205.01	2117.19	2110.38	2144.19	2.46	ppb
Iron	56-2	2121.05	2072.53	2041.74	2078.44	1.92	ppb
Iron	57-2	2079.03	2049.65	1991.62	2040.10	2.18	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICV20	Instrumnet Name :	P8
Client Sample ID :	ICV20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:32:26	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	199.93	198.65	192.34	196.97	2.06	ppb
Lead	207-1	192.23	191.15	187.23	190.20	1.38	ppb
Lead	208-1	197.93	197.55	189.84	195.11	2.34	ppb
Lithium	6-1				103		%
Magnesium	24-2	1228.09	1174.09	1129.08	1177.09	4.21	ppb
Manganese	55-2	102.84	98.80	96.56	99.40	3.20	ppb
Molybdenum	94-1	0.49	0.39	0.36	0.41	16.10	ppb
Molybdenum	95-1	0.39	0.40	0.29	0.36	17.40	ppb
Molybdenum	96-1	0.37	0.33	0.31	0.34	9.30	ppb
Molybdenum	97-1	0.38	0.40	0.27	0.35	19.82	ppb
Molybdenum	98-1	0.39	0.35	0.32	0.35	10.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.90	106.70	108.35	108.65	1.95	ppb
Phosphorus	31-2	19.36	16.91	7.01	14.43	45.32	ppb
Potassium	39-2	2062.45	1973.09	1982.56	2006.03	2.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	221.50	220.44	211.94	217.96	2.41	ppb
Selenium	77-2	229.04	191.52	219.06	213.21	9.11	ppb
Selenium	78-2	220.20	210.10	222.05	217.45	2.96	ppb
Silicon	28-1	-9.06	-9.58	-13.38	-10.67		ppb
Silver	107-1	51.60	52.28	52.08	51.99	0.67	ppb
Silver	109-1	53.15	52.99	53.22	53.12	0.23	ppb
Sodium	23-2	2151.62	2047.61	1992.28	2063.84	3.92	ppb
Strontium	86-1	0.86	0.99	0.71	0.85	16.30	ppb
Strontium	88-1	0.91	0.84	0.82	0.86	5.13	ppb
Sulfur	34-1	-1330.26	-1566.61	-1445.97	-1447.61		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	209.49	207.56	207.28	208.11	0.58	ppb
Thallium	205-1	222.34	215.81	214.70	217.62	1.90	ppb
Tin	118-1	0.10	0.13	0.06	0.10	35.20	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICV20	Instrumnet Name :	P8
Client Sample ID :	ICV20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:32:26	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.36	0.37	0.42	23.18	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.57	ppb
Vanadium	51-2	101.47	96.73	95.11	97.77	3.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	211.46	200.52	206.23	206.07	2.66	ppb
Zirconium	90-1	0.06	0.05	0.06	0.05	10.78	ppb
Zirconium	91-1	0.12	0.17	0.13	0.14	18.82	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICB20	Instrumnet Name :	P8
Client Sample ID :	ICB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:35:54	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.59	16.12	1.79	6.84	117.76	ppb
Antimony	121-1	0.17	0.18	0.24	0.19	19.12	ppb
Arsenic	75-2	0.13	0.26	0.00	0.13	99.43	ppb
Barium	135-1	0.10	0.11	0.14	0.12	20.61	ppb
Barium	137-1	0.12	0.14	0.11	0.12	9.93	ppb
Beryllium	9-1	0.09	0.06	0.06	0.07	25.59	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	10.35	9.98	10.31	10.21	1.96	ppb
Boron	11-1	10.61	10.73	10.58	10.64	0.71	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	-0.04	0.09	0.09	143.11	ppb
Cadmium	106-1	2.33	-0.73	0.51	0.70	219.16	ppb
Cadmium	108-1	0.10	0.14	0.09	0.11	26.14	ppb
Calcium	43-1	8.31	8.73	7.15	8.06	10.19	ppb
Calcium	44-1	5.66	5.84	5.45	5.65	3.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.26	0.04	0.14	79.53	ppb
Cobalt	59-2	0.06	0.22	0.03	0.11	98.10	ppb
Copper	63-2	0.35	1.82	0.20	0.79	113.62	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				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	6.09	42.06	2.92	17.02	127.70	ppb
Iron	56-2	8.32	42.25	4.19	18.25	114.40	ppb
Iron	57-2	9.30	41.93	7.79	19.67	98.06	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICB20	Instrumnet Name :	P8
Client Sample ID :	ICB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:35:54	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.08	0.07	13.37	ppb
Lead	207-1	0.12	0.08	0.14	0.12	25.18	ppb
Lead	208-1	0.09	0.08	0.11	0.09	14.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	16.87	79.22	6.58	34.22	114.85	ppb
Manganese	55-2	0.37	1.79	0.13	0.76	117.37	ppb
Molybdenum	94-1	0.18	0.27	0.25	0.23	19.13	ppb
Molybdenum	95-1	0.23	0.21	0.19	0.21	10.41	ppb
Molybdenum	96-1	0.22	0.19	0.22	0.21	9.08	ppb
Molybdenum	97-1	0.19	0.21	0.21	0.20	5.92	ppb
Molybdenum	98-1	0.19	0.26	0.23	0.23	15.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.21	0.02	0.11	86.20	ppb
Phosphorus	31-2	26.58	20.96	17.75	21.76	20.54	ppb
Potassium	39-2	19.74	37.37	11.87	23.00	56.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-0.19	-0.17	0.33	-0.01		ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	0.32	-0.07	-0.54	-0.09		ppb
Silicon	28-1	-13.27	-14.23	-11.62	-13.04		ppb
Silver	107-1	0.15	0.10	0.13	0.13	18.84	ppb
Silver	109-1	0.12	0.11	0.12	0.12	6.86	ppb
Sodium	23-2	40.71	111.29	27.58	59.86	75.21	ppb
Strontium	86-1	0.43	0.48	0.30	0.40	22.80	ppb
Strontium	88-1	0.47	0.43	0.44	0.45	5.23	ppb
Sulfur	34-1	-1663.92	-1135.31	-1181.23	-1326.82		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.12	0.11	0.11	9.07	ppb
Thallium	205-1	0.11	0.09	0.11	0.10	12.07	ppb
Tin	118-1	-0.02	0.04	0.03	0.02	177.77	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICB20	Instrumnet Name :	P8
Client Sample ID :	ICB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:35:54	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.22	0.24	0.24	0.23	5.19	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.18	ppb
Vanadium	51-2	0.06	0.28	0.03	0.12	112.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	0.24	2.21	0.18	0.88	131.22	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.39	ppb
Zirconium	91-1	0.02	0.06	0.06	0.04	53.53	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSA20	Instrumnet Name :	P8
Client Sample ID :	ICSA20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:42:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96316.51	97152.00	95961.67	96476.72	0.63	ppb
Antimony	121-1	1.18	1.23	1.23	1.22	2.40	ppb
Arsenic	75-2	0.38	0.37	0.36	0.37	2.95	ppb
Barium	135-1	1.72	1.32	1.33	1.46	15.56	ppb
Barium	137-1	1.42	1.40	1.33	1.38	3.44	ppb
Beryllium	9-1	0.33	0.32	0.31	0.32	2.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	8.14	7.30	6.95	7.46	8.18	ppb
Boron	11-1	8.28	7.90	7.61	7.93	4.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.00	0.17	0.21	109.64	ppb
Cadmium	106-1	-0.14	-5.08	-4.55	-3.26		ppb
Cadmium	108-1	11.23	10.32	9.97	10.51	6.19	ppb
Calcium	43-1	103825.42	105129.43	101444.71	103466.52	1.81	ppb
Calcium	44-1	107311.89	105913.80	101579.88	104935.19	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.22	19.78	20.34	20.11	1.47	ppb
Cobalt	59-2	1.21	1.11	1.15	1.15	4.36	ppb
Copper	63-2	7.51	7.69	7.58	7.59	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	103877.12	104268.81	103640.69	103928.87	0.31	ppb
Iron	56-2	101861.06	100311.81	103131.69	101768.19	1.39	ppb
Iron	57-2	102631.13	104889.75	105820.58	104447.15	1.57	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSA20	Instrumnet Name :	P8
Client Sample ID :	ICSA20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:42:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.98	5.15	4.78	4.97	3.71	ppb
Lead	207-1	4.76	4.76	4.70	4.74	0.82	ppb
Lead	208-1	4.91	4.83	4.70	4.81	2.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	94676.24	95269.32	93983.94	94643.16	0.68	ppb
Manganese	55-2	7.58	7.91	7.72	7.73	2.11	ppb
Molybdenum	94-1	1632.82	1601.80	1599.77	1611.46	1.15	ppb
Molybdenum	95-1	1983.42	1931.06	1959.71	1958.06	1.34	ppb
Molybdenum	96-1	1953.39	1849.51	1912.60	1905.17	2.75	ppb
Molybdenum	97-1	2000.89	1869.35	1967.03	1945.75	3.51	ppb
Molybdenum	98-1	1914.94	1907.33	1977.48	1933.25	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.74	6.21	5.48	5.81	6.38	ppb
Phosphorus	31-2	97468.73	99260.65	98092.66	98274.01	0.93	ppb
Potassium	39-2	99003.99	98831.36	97174.69	98336.68	1.03	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.33	0.23	0.19	0.25	29.31	ppb
Selenium	77-2	-0.43	-0.43	0.83	-0.01		ppb
Selenium	78-2	0.78	-0.49	-1.20	-0.30		ppb
Silicon	28-1	12.65	10.31	8.13	10.36	21.85	ppb
Silver	107-1	0.05	0.04	0.01	0.03	55.96	ppb
Silver	109-1	0.03	0.04	0.02	0.03	21.11	ppb
Sodium	23-2	100875.48	99658.74	98735.79	99756.67	1.08	ppb
Strontium	86-1	34.54	33.68	35.25	34.49	2.28	ppb
Strontium	88-1	35.09	34.96	34.57	34.87	0.78	ppb
Sulfur	34-1	94328.40	90666.41	88225.76	91073.52	3.37	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.17	0.19	0.25	0.20	20.01	ppb
Thallium	205-1	0.19	0.21	0.21	0.20	4.06	ppb
Tin	118-1	0.11	0.19	0.17	0.16	27.24	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSA20	Instrumnet Name :	P8
Client Sample ID :	ICSA20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:42:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2120.75	2080.73	2018.34	2073.27	2.49	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	6.60	ppb
Vanadium	51-2	0.13	0.14	0.18	0.15	14.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	11.83	11.41	11.07	11.44	3.35	ppb
Zirconium	90-1	0.01	0.03	0.02	0.02	50.40	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	54.50	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSAB20	Instrumnet Name :	P8
Client Sample ID :	ICSAB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:45:51	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100459.71	98227.15	94500.10	97728.99	3.08	ppb
Antimony	121-1	20.39	22.45	21.64	21.49	4.84	ppb
Arsenic	75-2	20.97	20.50	19.17	20.21	4.61	ppb
Barium	135-1	20.23	23.79	22.39	22.14	8.10	ppb
Barium	137-1	20.82	23.26	21.38	21.82	5.86	ppb
Beryllium	9-1	20.64	21.04	20.22	20.64	1.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	6.24	6.61	5.83	6.23	6.31	ppb
Boron	11-1	6.80	6.88	6.31	6.66	4.58	ppb
Bromine	81-1						cps
Cadmium	111-1	19.11	21.45	19.43	20.00	6.34	ppb
Cadmium	106-1	12.42	14.92	14.42	13.92	9.50	ppb
Cadmium	108-1	25.43	28.88	28.11	27.48	6.60	ppb
Calcium	43-1	99523.30	109813.57	105416.73	104917.87	4.92	ppb
Calcium	44-1	100761.38	110353.67	105025.81	105380.28	4.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.48	40.62	37.76	39.95	4.87	ppb
Cobalt	59-2	20.89	20.91	19.37	20.39	4.32	ppb
Copper	63-2	27.32	25.81	25.73	26.29	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	107424.78	104233.28	99966.02	103874.69	3.60	ppb
Iron	56-2	103701.42	100432.60	96064.13	100066.05	3.83	ppb
Iron	57-2	106739.55	102178.71	97011.59	101976.62	4.77	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSAB20	Instrumnet Name :	P8
Client Sample ID :	ICSAB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:45:51	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	22.58	24.28	23.06	23.31	3.77	ppb
Lead	207-1	22.44	23.51	21.68	22.54	4.09	ppb
Lead	208-1	22.56	23.83	22.17	22.85	3.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	99348.07	95020.78	89477.10	94615.32	5.23	ppb
Manganese	55-2	27.49	27.18	25.95	26.87	3.03	ppb
Molybdenum	94-1	1692.58	1638.32	1596.76	1642.55	2.93	ppb
Molybdenum	95-1	2021.70	2045.58	1903.13	1990.13	3.83	ppb
Molybdenum	96-1	1916.09	2014.98	1877.08	1936.05	3.67	ppb
Molybdenum	97-1	1981.73	2060.39	1935.17	1992.43	3.18	ppb
Molybdenum	98-1	1988.37	2064.25	1860.98	1971.20	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.53	24.83	24.41	25.26	4.44	ppb
Phosphorus	31-2	101531.98	96488.83	93786.85	97269.22	4.04	ppb
Potassium	39-2	98160.44	97670.08	93889.81	96573.44	2.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	19.96	20.74	19.01	19.90	4.37	ppb
Selenium	77-2	25.88	16.02	12.02	17.97	39.69	ppb
Selenium	78-2	20.47	18.91	19.95	19.78	4.02	ppb
Silicon	28-1	1.70	25.70	13.24	13.55	88.57	ppb
Silver	107-1	18.00	20.13	19.07	19.07	5.57	ppb
Silver	109-1	18.32	20.17	19.32	19.27	4.81	ppb
Sodium	23-2	103638.28	101591.57	96496.70	100575.52	3.66	ppb
Strontium	86-1	35.18	36.37	34.67	35.41	2.47	ppb
Strontium	88-1	35.43	37.14	34.08	35.55	4.31	ppb
Sulfur	34-1	85541.12	100431.66	89954.89	91975.89	8.32	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	19.33	21.05	19.60	19.99	4.64	ppb
Thallium	205-1	19.64	21.36	20.20	20.40	4.29	ppb
Tin	118-1	0.17	0.25	0.17	0.20	23.11	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSAB20	Instrumnet Name :	P8
Client Sample ID :	ICSAB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:45:51	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1976.31	2177.94	2057.68	2070.64	4.90	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	9.90	ppb
Vanadium	51-2	20.69	19.75	18.89	19.78	4.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	33.29	30.49	29.34	31.04	6.55	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.85	ppb
Zirconium	91-1	0.09	0.02	0.04	0.05	66.74	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:48:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49909.19	50708.87	48802.11	49806.72	1.92	ppb
Antimony	121-1	492.21	496.87	494.99	494.69	0.47	ppb
Arsenic	75-2	471.03	484.73	469.87	475.21	1.74	ppb
Barium	135-1	2616.81	2510.52	2568.54	2565.29	2.07	ppb
Barium	137-1	2512.34	2545.72	2557.00	2538.35	0.91	ppb
Beryllium	9-1	496.29	491.97	485.30	491.19	1.13	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	454.47	478.52	474.17	469.06	2.73	ppb
Boron	11-1	482.37	513.33	511.33	502.34	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	501.85	510.83	507.96	506.88	0.90	ppb
Cadmium	106-1	518.70	502.95	506.21	509.29	1.63	ppb
Cadmium	108-1	493.24	508.79	501.37	501.13	1.55	ppb
Calcium	43-1	254240.96	253364.67	263419.31	257008.31	2.17	ppb
Calcium	44-1	247008.55	250452.57	259842.38	252434.50	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.54	489.28	488.05	491.29	0.93	ppb
Cobalt	59-2	477.74	474.43	462.13	471.43	1.74	ppb
Copper	63-2	5037.82	5125.32	4925.78	5029.64	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				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	124941.34	131082.00	125236.94	127086.76	2.73	ppb
Iron	56-2	123694.88	124183.86	123987.17	123955.31	0.20	ppb
Iron	57-2	129511.61	128396.71	125502.38	127803.57	1.62	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:48:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2506.99	2479.54	2466.92	2484.48	0.82	ppb
Lead	207-1	2628.64	2523.11	2547.28	2566.34	2.15	ppb
Lead	208-1	2525.08	2497.67	2515.60	2512.78	0.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	246654.58	249159.01	236730.53	244181.37	2.69	ppb
Manganese	55-2	4863.24	5008.03	4779.15	4883.47	2.37	ppb
Molybdenum	94-1	5020.73	5353.41	5134.30	5169.48	3.27	ppb
Molybdenum	95-1	5020.69	5213.48	5110.44	5114.87	1.89	ppb
Molybdenum	96-1	4973.37	5265.39	5205.50	5148.09	3.00	ppb
Molybdenum	97-1	5096.63	5223.17	5135.41	5151.74	1.26	ppb
Molybdenum	98-1	5160.15	5234.08	5154.68	5182.97	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.36	508.87	504.76	508.00	0.57	ppb
Phosphorus	31-2	9513.62	9577.39	9985.20	9692.07	2.64	ppb
Potassium	39-2	121744.90	124535.31	120805.23	122361.81	1.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	505.41	520.16	510.29	511.95	1.47	ppb
Selenium	77-2	470.40	456.85	505.22	477.49	5.23	ppb
Selenium	78-2	489.89	512.87	487.85	496.87	2.80	ppb
Silicon	28-1	374.76	387.92	408.89	390.52	4.41	ppb
Silver	107-1	524.91	501.18	504.27	510.12	2.53	ppb
Silver	109-1	519.21	512.47	528.89	520.19	1.59	ppb
Sodium	23-2	244263.49	248093.02	235005.65	242454.05	2.78	ppb
Strontium	86-1	12689.35	13228.21	12873.17	12930.24	2.12	ppb
Strontium	88-1	12885.04	13021.73	13140.37	13015.71	0.98	ppb
Sulfur	34-1	9959.15	9860.57	10855.89	10225.20	5.36	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	532.09	505.43	521.23	519.58	2.58	ppb
Thallium	205-1	519.85	512.97	517.54	516.79	0.68	ppb
Tin	118-1	511.35	503.98	512.85	509.39	0.93	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:48:49	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4931.60	5048.81	5259.53	5079.98	3.27	ppb
Uranium	238-1	506.61	504.72	527.70	513.01	2.49	ppb
Vanadium	51-2	503.38	494.86	489.36	495.87	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	4853.78	4812.24	4718.57	4794.86	1.44	ppb
Zirconium	90-1	509.57	517.22	528.30	518.36	1.82	ppb
Zirconium	91-1	514.64	530.39	521.76	522.26	1.51	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:58:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.97	5.42	6.21	5.53	11.36	ppb
Antimony	121-1	0.08	0.07	0.15	0.10	42.00	ppb
Arsenic	75-2	0.01	0.03	-0.01	0.01	252.17	ppb
Barium	135-1	0.12	0.04	0.05	0.07	66.87	ppb
Barium	137-1	0.05	0.09	0.11	0.08	36.98	ppb
Beryllium	9-1	0.05	0.05	0.03	0.04	33.64	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	8.38	8.09	7.36	7.95	6.61	ppb
Boron	11-1	8.84	8.36	8.10	8.43	4.49	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.37	-0.14	-0.49	-0.33		ppb
Cadmium	106-1	-4.77	-2.04	-6.34	-4.38		ppb
Cadmium	108-1	0.09	0.04	0.09	0.07	35.52	ppb
Calcium	43-1	11.29	9.58	8.97	9.95	12.08	ppb
Calcium	44-1	7.09	7.06	8.34	7.50	9.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.06	0.08	0.04	104.78	ppb
Cobalt	59-2	0.01	0.00	0.03	0.01	123.20	ppb
Copper	63-2	0.34	0.34	0.37	0.35	5.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	8.63	9.37	12.50	10.17	20.22	ppb
Iron	56-2	8.00	8.56	9.25	8.60	7.26	ppb
Iron	57-2	8.17	9.29	11.14	9.53	15.70	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:58:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.07	0.07	6.69	ppb
Lead	207-1	0.12	0.16	0.10	0.13	26.29	ppb
Lead	208-1	0.09	0.10	0.09	0.09	7.15	ppb
Lithium	6-1				99		%
Magnesium	24-2	12.75	12.12	14.24	13.04	8.33	ppb
Manganese	55-2	0.16	0.22	0.24	0.21	19.48	ppb
Molybdenum	94-1	0.28	0.21	0.31	0.27	18.83	ppb
Molybdenum	95-1	0.28	0.23	0.24	0.25	10.57	ppb
Molybdenum	96-1	0.22	0.25	0.21	0.23	9.06	ppb
Molybdenum	97-1	0.22	0.18	0.25	0.22	15.80	ppb
Molybdenum	98-1	0.24	0.24	0.28	0.25	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	-0.01	0.01	142.97	ppb
Phosphorus	31-2	6.75	14.75	-11.81	3.23	421.85	ppb
Potassium	39-2	8.05	35.38	37.03	26.82	60.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	-0.16	-0.21	0.03	-0.11		ppb
Selenium	77-2	0.84	-0.43	2.22	0.87	151.68	ppb
Selenium	78-2	-0.47	-0.35	2.32	0.50	315.58	ppb
Silicon	28-1	-12.35	-13.05	-12.68	-12.70		ppb
Silver	107-1	0.08	0.04	0.08	0.06	36.09	ppb
Silver	109-1	0.08	0.04	0.06	0.06	31.70	ppb
Sodium	23-2	40.04	43.02	42.67	41.91	3.89	ppb
Strontium	86-1	0.40	0.31	0.23	0.32	28.19	ppb
Strontium	88-1	0.40	0.38	0.42	0.40	4.29	ppb
Sulfur	34-1	-1559.70	-1683.79	-1153.71	-1465.73		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.10	0.10	8.42	ppb
Thallium	205-1	0.11	0.10	0.11	0.11	4.61	ppb
Tin	118-1	0.12	0.00	0.01	0.04	160.28	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:58:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.37	0.22	0.32	27.82	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	34.73	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	65.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.10	0.23	0.30	0.21	48.90	ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	43.95	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	32.21	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:02:00	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.17	22.62	46.31	30.03	47.00	ppb
Antimony	121-1	2.04	1.79	1.89	1.91	6.81	ppb
Arsenic	75-2	1.07	0.99	1.11	1.06	6.13	ppb
Barium	135-1	8.92	9.23	9.31	9.15	2.26	ppb
Barium	137-1	9.46	9.76	9.48	9.57	1.75	ppb
Beryllium	9-1	1.04	1.05	1.09	1.06	2.41	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	26.23	26.75	26.20	26.39	1.18	ppb
Boron	11-1	28.02	27.07	28.66	27.92	2.86	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	1.02	0.83	0.95	10.83	ppb
Cadmium	106-1	0.65	0.68	-1.57	-0.08		ppb
Cadmium	108-1	0.78	0.91	0.74	0.81	10.94	ppb
Calcium	43-1	499.18	534.55	495.54	509.76	4.23	ppb
Calcium	44-1	495.21	521.57	493.81	503.53	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.79	1.85	1.85	3.32	ppb
Cobalt	59-2	1.00	0.86	0.95	0.94	7.50	ppb
Copper	63-2	2.28	2.16	2.86	2.43	15.28	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				106		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	54.81	54.27	89.55	66.21	30.53	ppb
Iron	56-2	51.77	51.16	86.54	63.16	32.07	ppb
Iron	57-2	54.64	56.35	89.55	66.85	29.44	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:02:00	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.94	0.93	0.86	0.91	5.15	ppb
Lead	207-1	1.01	0.85	0.94	0.93	8.73	ppb
Lead	208-1	0.93	0.87	0.91	0.90	3.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	492.06	495.65	528.78	505.50	4.00	ppb
Manganese	55-2	1.00	1.05	1.62	1.22	27.89	ppb
Molybdenum	94-1	6.16	5.92	6.14	6.07	2.25	ppb
Molybdenum	95-1	5.35	4.85	5.05	5.08	4.99	ppb
Molybdenum	96-1	5.13	4.73	5.00	4.96	4.12	ppb
Molybdenum	97-1	5.03	4.67	5.28	4.99	6.14	ppb
Molybdenum	98-1	5.25	4.84	4.92	5.00	4.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.13	1.18	1.16	2.96	ppb
Phosphorus	31-2	11.82	14.74	26.92	17.83	44.93	ppb
Potassium	39-2	486.77	460.68	513.30	486.92	5.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	4.33	4.38	4.74	4.48	4.97	ppb
Selenium	77-2	6.02	4.72	12.37	7.70	53.17	ppb
Selenium	78-2	4.40	4.61	3.86	4.29	8.93	ppb
Silicon	28-1	-9.21	-1.99	-4.77	-5.32		ppb
Silver	107-1	1.07	1.11	1.06	1.08	2.30	ppb
Silver	109-1	1.05	2.63	1.05	1.58	57.83	ppb
Sodium	23-2	495.60	494.75	528.68	506.34	3.82	ppb
Strontium	86-1	0.99	1.18	1.35	1.17	15.56	ppb
Strontium	88-1	1.10	1.10	1.11	1.10	0.65	ppb
Sulfur	34-1	-1693.20	-1048.52	-1491.25	-1410.99		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	1.14	1.06	1.05	1.09	4.73	ppb
Thallium	205-1	0.99	0.99	1.04	1.00	3.09	ppb
Tin	118-1	5.14	4.85	4.69	4.90	4.69	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:02:00	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.79	5.23	5.70	5.24	8.73	ppb
Uranium	238-1	0.93	0.88	0.87	0.89	4.08	ppb
Vanadium	51-2	4.72	4.74	4.84	4.76	1.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	2.33	2.38	2.89	2.53	12.17	ppb
Zirconium	90-1	0.95	0.93	0.98	0.95	2.47	ppb
Zirconium	91-1	1.01	0.81	1.00	0.94	11.83	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:05:13	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.70	32.55	33.16	32.47	2.26	ppb
Antimony	121-1	2.15	2.07	1.91	2.04	5.82	ppb
Arsenic	75-2	1.01	1.35	1.12	1.16	15.04	ppb
Barium	135-1	9.92	10.01	9.36	9.76	3.64	ppb
Barium	137-1	9.94	10.08	10.23	10.08	1.41	ppb
Beryllium	9-1	1.11	1.13	1.07	1.11	2.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	27.12	27.95	28.19	27.75	2.01	ppb
Boron	11-1	28.23	29.60	29.31	29.05	2.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.88	0.97	0.77	0.87	11.91	ppb
Cadmium	106-1	-1.59	-0.45	-1.48	-1.17		ppb
Cadmium	108-1	1.13	0.99	1.25	1.12	11.52	ppb
Calcium	43-1	524.82	512.23	507.65	514.90	1.73	ppb
Calcium	44-1	514.14	514.38	507.88	512.14	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.01	1.75	1.95	9.35	ppb
Cobalt	59-2	0.97	1.13	0.98	1.03	8.46	ppb
Copper	63-2	2.23	2.29	2.09	2.20	4.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	56.20	55.55	56.69	56.15	1.02	ppb
Iron	56-2	54.28	52.68	53.51	53.49	1.50	ppb
Iron	57-2	57.03	52.89	60.14	56.69	6.42	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:05:13	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.84	0.83	0.85	1.90	ppb
Lead	207-1	0.89	0.92	0.97	0.93	4.29	ppb
Lead	208-1	0.90	0.91	0.90	0.90	0.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	527.03	508.76	484.05	506.61	4.26	ppb
Manganese	55-2	1.13	1.00	1.19	1.10	8.79	ppb
Molybdenum	94-1	6.12	5.99	6.06	6.06	1.08	ppb
Molybdenum	95-1	5.06	5.30	5.07	5.14	2.63	ppb
Molybdenum	96-1	5.30	5.32	5.10	5.24	2.36	ppb
Molybdenum	97-1	5.11	4.94	5.12	5.06	2.00	ppb
Molybdenum	98-1	5.07	5.13	5.02	5.07	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.13	1.10	1.08	6.10	ppb
Phosphorus	31-2	23.44	45.95	25.78	31.73	39.00	ppb
Potassium	39-2	499.17	507.01	465.56	490.58	4.49	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	5.05	5.15	5.93	5.37	8.95	ppb
Selenium	77-2	7.32	7.22	4.69	6.41	23.25	ppb
Selenium	78-2	5.33	8.23	2.84	5.47	49.33	ppb
Silicon	28-1	-6.80	-13.10	-8.27	-9.39		ppb
Silver	107-1	1.13	1.12	1.10	1.12	1.16	ppb
Silver	109-1	1.14	1.18	1.14	1.15	2.31	ppb
Sodium	23-2	533.33	519.29	504.51	519.04	2.78	ppb
Strontium	86-1	1.30	1.17	0.91	1.13	17.73	ppb
Strontium	88-1	1.13	1.11	1.11	1.12	0.72	ppb
Sulfur	34-1	-1530.96	-1517.81	-1483.30	-1510.69		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.01	0.99	1.00	1.00	0.88	ppb
Thallium	205-1	1.08	1.00	1.01	1.03	4.30	ppb
Tin	118-1	5.06	5.18	5.06	5.10	1.40	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:05:13	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.89	5.53	5.27	5.23	6.18	ppb
Uranium	238-1	0.91	0.89	0.92	0.91	1.64	ppb
Vanadium	51-2	4.94	4.77	4.74	4.82	2.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	2.84	2.22	2.95	2.67	14.75	ppb
Zirconium	90-1	0.93	1.02	0.97	0.97	4.84	ppb
Zirconium	91-1	1.11	1.03	0.96	1.03	7.11	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BL	Instrumnet Name :	P8
Client Sample ID :	PB150678BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:08:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	0.82	0.50	0.58	36.60	ppb
Antimony	121-1	0.01	0.03	0.02	0.02	32.37	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.04	0.02	0.02	0.02	48.21	ppb
Barium	137-1	0.01	0.01	0.02	0.01	16.56	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	32.34	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	5.92	5.71	4.74	5.46	11.61	ppb
Boron	11-1	5.84	5.82	5.15	5.60	7.01	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.24	0.00	-0.14		ppb
Cadmium	106-1	-2.00	-2.90	0.16	-1.58		ppb
Cadmium	108-1	0.18	0.04	0.08	0.10	72.00	ppb
Calcium	43-1	-0.94	0.78	1.89	0.58	248.27	ppb
Calcium	44-1	-3.30	-2.21	-6.25	-3.92		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.13	0.01	0.06	103.53	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	87.29	ppb
Copper	63-2	0.10	0.10	0.16	0.12	29.89	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				105		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	1.67	1.74	2.34	1.92	19.11	ppb
Iron	56-2	1.58	2.05	1.83	1.82	12.95	ppb
Iron	57-2	0.79	-0.30	3.50	1.33	146.97	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BL	Instrumnet Name :	P8
Client Sample ID :	PB150678BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:08:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.00	0.00	876.25	ppb
Lead	207-1	0.05	0.06	0.04	0.05	22.19	ppb
Lead	208-1	0.03	0.04	0.01	0.03	44.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.84	3.25	2.86	2.98	7.69	ppb
Manganese	55-2	0.07	0.06	0.05	0.06	14.92	ppb
Molybdenum	94-1	0.11	0.06	0.06	0.07	42.41	ppb
Molybdenum	95-1	0.06	0.09	0.06	0.07	22.42	ppb
Molybdenum	96-1	0.06	0.09	0.05	0.07	26.13	ppb
Molybdenum	97-1	0.09	0.09	0.08	0.09	9.16	ppb
Molybdenum	98-1	0.08	0.09	0.06	0.08	15.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.02	-0.01		ppb
Phosphorus	31-2	11.19	10.13	-2.84	6.16	126.85	ppb
Potassium	39-2	12.06	27.28	-0.27	13.02	105.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	82-1	-0.41	0.44	0.34	0.12	379.01	ppb
Selenium	77-2	0.83	-0.43	-0.43	-0.01		ppb
Selenium	78-2	-1.74	0.29	0.35	-0.37		ppb
Silicon	28-1	-20.42	-17.04	-28.07	-21.85		ppb
Silver	107-1	0.10	0.12	0.10	0.11	9.93	ppb
Silver	109-1	0.10	0.18	0.17	0.15	27.21	ppb
Sodium	23-2	10.77	18.54	12.04	13.78	30.25	ppb
Strontium	86-1	0.08	0.08	-0.01	0.05	100.29	ppb
Strontium	88-1	0.11	0.13	0.11	0.12	11.80	ppb
Sulfur	34-1	-1881.91	-1262.01	-2060.70	-1734.88		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.09	0.07	0.07	23.80	ppb
Thallium	205-1	0.07	0.07	0.05	0.06	16.52	ppb
Tin	118-1	0.00	-0.01	-0.04	-0.02		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BL	Instrumnet Name :	P8
Client Sample ID :	PB150678BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:08:24	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.06	0.12	0.09	33.91	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	40.31	ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	190.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	-0.19	0.41	0.14	0.12	253.85	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	54.54	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	31.68	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BS	Instrumnet Name :	P8
Client Sample ID :	PB150678BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:11:37	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.99	45.03	42.98	43.00	4.70	ppb
Antimony	121-1	3.93	3.93	3.79	3.88	2.16	ppb
Arsenic	75-2	2.00	2.00	2.09	2.03	2.71	ppb
Barium	135-1	19.03	19.01	18.88	18.97	0.42	ppb
Barium	137-1	19.07	19.68	18.42	19.06	3.30	ppb
Beryllium	9-1	2.02	2.09	1.97	2.03	3.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	44.51	48.64	46.25	46.46	4.46	ppb
Boron	11-1	48.82	53.79	50.99	51.20	4.87	ppb
Bromine	81-1						cps
Cadmium	111-1	2.05	2.01	2.16	2.07	3.69	ppb
Cadmium	106-1	0.33	1.85	1.36	1.18	65.59	ppb
Cadmium	108-1	1.80	2.06	1.91	1.92	6.86	ppb
Calcium	43-1	1026.51	1028.31	965.04	1006.62	3.58	ppb
Calcium	44-1	1015.69	1013.06	967.31	998.69	2.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.10	3.95	4.27	4.11	3.86	ppb
Cobalt	59-2	1.90	1.93	1.99	1.94	2.13	ppb
Copper	63-2	3.95	3.95	3.99	3.96	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	390.77	400.01	384.65	391.81	1.97	ppb
Iron	56-2	389.58	390.40	386.07	388.68	0.59	ppb
Iron	57-2	395.54	379.94	408.15	394.54	3.58	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BS	Instrumnet Name :	P8
Client Sample ID :	PB150678BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:11:37	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.91	1.75	1.63	1.76	7.92	ppb
Lead	207-1	2.03	1.78	1.74	1.85	8.53	ppb
Lead	208-1	1.94	1.81	1.70	1.82	6.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	954.17	971.38	932.60	952.72	2.04	ppb
Manganese	55-2	2.16	2.03	2.06	2.08	3.20	ppb
Molybdenum	94-1	5.75	5.88	5.33	5.65	5.17	ppb
Molybdenum	95-1	2.62	2.29	2.12	2.35	10.94	ppb
Molybdenum	96-1	2.73	2.80	2.52	2.68	5.41	ppb
Molybdenum	97-1	2.50	2.13	2.27	2.30	8.15	ppb
Molybdenum	98-1	2.41	2.46	2.28	2.38	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	2.13	1.97	2.00	5.75	ppb
Phosphorus	31-2	11.18	8.85	23.53	14.52	54.34	ppb
Potassium	39-2	940.13	943.13	894.68	925.98	2.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	10.26	10.43	9.35	10.01	5.81	ppb
Selenium	77-2	8.53	9.90	8.67	9.04	8.34	ppb
Selenium	78-2	9.33	8.99	7.25	8.52	13.08	ppb
Silicon	28-1	5.02	1.67	0.35	2.35	102.74	ppb
Silver	107-1	2.08	2.17	2.05	2.10	3.03	ppb
Silver	109-1	2.17	2.21	2.06	2.14	3.54	ppb
Sodium	23-2	967.47	986.31	976.65	976.81	0.96	ppb
Strontium	86-1	2.20	2.18	1.84	2.07	9.66	ppb
Strontium	88-1	2.30	2.19	1.99	2.16	7.30	ppb
Sulfur	34-1	-1024.06	-1023.23	-1401.65	-1149.65		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	2.05	1.87	1.74	1.89	8.26	ppb
Thallium	205-1	2.01	1.98	1.77	1.92	6.87	ppb
Tin	118-1	0.11	0.10	0.06	0.09	32.68	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BS	Instrumnet Name :	P8
Client Sample ID :	PB150678BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:11:37	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.75	10.09	9.54	9.79	2.79	ppb
Uranium	238-1	1.92	1.74	1.71	1.79	6.32	ppb
Vanadium	51-2	9.47	9.10	9.18	9.25	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	9.72	10.73	10.09	10.18	4.99	ppb
Zirconium	90-1	2.03	2.12	1.95	2.03	4.25	ppb
Zirconium	91-1	2.23	1.95	1.97	2.05	7.63	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BL	Instrumnet Name :	P8
Client Sample ID :	PB150677BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:14:48	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	0.09	0.17	0.04	358.18	ppb
Antimony	121-1	0.02	0.00	0.02	0.01	55.21	ppb
Arsenic	75-2	-0.03	0.00	-0.02	-0.02		ppb
Barium	135-1	-0.01	-0.01	0.02	0.00		ppb
Barium	137-1	0.04	0.02	0.00	0.02	91.01	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	23.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	6.05	5.54	5.52	5.70	5.30	ppb
Boron	11-1	6.47	5.86	5.69	6.01	6.75	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.03	-0.04	-0.04		ppb
Cadmium	106-1	-1.05	-0.47	-0.28	-0.60		ppb
Cadmium	108-1	0.24	0.00	-0.01	0.08	184.59	ppb
Calcium	43-1	2.49	-0.98	-2.53	-0.34		ppb
Calcium	44-1	-2.12	-5.23	-5.63	-4.32		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	0.00	0.00	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	8080.66	ppb
Copper	63-2	0.11	0.08	0.13	0.11	24.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	1.58	1.03	0.65	1.09	43.12	ppb
Iron	56-2	0.69	0.96	0.88	0.84	15.98	ppb
Iron	57-2	0.95	3.25	2.52	2.24	52.47	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BL	Instrumnet Name :	P8
Client Sample ID :	PB150677BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:14:48	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.04	0.00	-0.01		ppb
Lead	207-1	0.06	0.09	0.02	0.06	59.05	ppb
Lead	208-1	0.02	0.00	-0.01	0.00	329.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.37	1.38	-0.28	0.49	170.40	ppb
Manganese	55-2	0.04	0.02	0.03	0.03	34.38	ppb
Molybdenum	94-1	0.11	0.07	0.05	0.08	43.58	ppb
Molybdenum	95-1	0.11	0.04	0.04	0.06	61.54	ppb
Molybdenum	96-1	0.09	0.01	0.01	0.04	123.68	ppb
Molybdenum	97-1	0.13	0.04	0.04	0.07	68.20	ppb
Molybdenum	98-1	0.09	0.04	0.03	0.06	57.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	15.64	-14.18	5.82	2.43	625.86	ppb
Potassium	39-2	9.37	8.37	16.23	11.32	37.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	-0.04	-0.04	0.23	0.05	322.18	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-1.30	-1.10	-1.02	-1.14		ppb
Silicon	28-1	-15.48	-9.87	-14.35	-13.23		ppb
Silver	107-1	0.07	0.10	0.13	0.10	29.96	ppb
Silver	109-1	0.11	0.12	0.11	0.11	8.41	ppb
Sodium	23-2	8.24	6.94	12.13	9.10	29.66	ppb
Strontium	86-1	0.11	0.01	-0.02	0.04	194.61	ppb
Strontium	88-1	0.14	0.06	0.03	0.08	71.85	ppb
Sulfur	34-1	-1236.06	-1078.24	-1131.60	-1148.63		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.02	0.03	0.03	50.14	ppb
Thallium	205-1	0.07	0.07	0.06	0.06	9.08	ppb
Tin	118-1	-0.03	-0.03	-0.05	-0.04		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BL	Instrumnet Name :	P8
Client Sample ID :	PB150677BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:14:48	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.11	0.09	0.12	26.44	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	149.37	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	292.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.13	-0.18	-0.19	-0.08		ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	51.38	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	11.81	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BS	Instrumnet Name :	P8
Client Sample ID :	PB150677BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:18:00	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.98	41.41	42.04	42.15	1.88	ppb
Antimony	121-1	3.96	3.96	3.86	3.93	1.42	ppb
Arsenic	75-2	2.09	2.17	1.83	2.03	8.76	ppb
Barium	135-1	17.97	19.55	18.49	18.67	4.32	ppb
Barium	137-1	18.91	20.43	18.64	19.33	5.00	ppb
Beryllium	9-1	2.06	1.93	1.98	1.99	3.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	45.81	46.48	48.07	46.79	2.47	ppb
Boron	11-1	50.07	50.21	52.18	50.82	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	2.14	2.27	1.90	2.10	8.88	ppb
Cadmium	106-1	2.43	3.16	0.48	2.02	68.31	ppb
Cadmium	108-1	2.49	2.12	1.90	2.17	13.78	ppb
Calcium	43-1	1031.28	1005.58	975.92	1004.26	2.76	ppb
Calcium	44-1	1028.31	1012.87	979.95	1007.05	2.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.14	4.46	4.11	4.24	4.55	ppb
Cobalt	59-2	2.08	2.01	1.87	1.99	5.57	ppb
Copper	63-2	4.24	4.05	3.92	4.07	3.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	429.51	416.98	403.24	416.58	3.15	ppb
Iron	56-2	405.78	400.23	396.41	400.81	1.18	ppb
Iron	57-2	432.28	408.79	396.62	412.56	4.39	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BS	Instrumnet Name :	P8
Client Sample ID :	PB150677BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:18:00	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.92	1.76	1.59	1.76	9.27	ppb
Lead	207-1	1.81	1.78	1.68	1.76	3.93	ppb
Lead	208-1	1.89	1.74	1.68	1.77	6.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	983.65	988.10	976.18	982.64	0.61	ppb
Manganese	55-2	1.91	2.18	1.94	2.01	7.45	ppb
Molybdenum	94-1	5.61	5.87	5.39	5.62	4.29	ppb
Molybdenum	95-1	2.64	2.51	2.23	2.46	8.35	ppb
Molybdenum	96-1	2.94	2.76	2.64	2.78	5.36	ppb
Molybdenum	97-1	2.77	2.52	2.77	2.69	5.37	ppb
Molybdenum	98-1	2.48	2.37	2.18	2.34	6.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	2.30	2.12	2.10	9.77	ppb
Phosphorus	31-2	3.90	-2.74	21.39	7.52	165.86	ppb
Potassium	39-2	950.18	991.28	950.24	963.90	2.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	9.35	9.93	9.61	9.63	3.02	ppb
Selenium	77-2	12.46	16.28	16.34	15.03	14.81	ppb
Selenium	78-2	9.65	12.12	9.44	10.40	14.33	ppb
Silicon	28-1	-0.03	-0.16	2.16	0.65	199.67	ppb
Silver	107-1	1.98	2.04	2.04	2.02	1.84	ppb
Silver	109-1	2.12	2.20	1.99	2.10	5.05	ppb
Sodium	23-2	974.70	989.04	989.95	984.56	0.87	ppb
Strontium	86-1	2.64	2.06	2.03	2.24	15.37	ppb
Strontium	88-1	2.59	2.14	2.04	2.25	13.12	ppb
Sulfur	34-1	-1030.95	-1297.41	-965.62	-1097.99		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.98	1.87	1.88	1.91	3.26	ppb
Thallium	205-1	2.02	1.91	1.87	1.93	4.05	ppb
Tin	118-1	0.10	0.14	0.11	0.12	17.22	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BS	Instrumnet Name :	P8
Client Sample ID :	PB150677BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:18:00	DataFile Name :	024LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11.16	10.70	9.31	10.39	9.27	ppb
Uranium	238-1	1.88	1.83	1.70	1.80	5.13	ppb
Vanadium	51-2	10.04	9.59	9.49	9.71	3.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	11.30	11.15	9.56	10.67	9.04	ppb
Zirconium	90-1	2.01	1.95	1.96	1.97	1.55	ppb
Zirconium	91-1	1.98	2.10	2.14	2.07	4.06	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-01	Instrumnet Name :	P8
Client Sample ID :	GBQL6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:21:11	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.44	8.83	7.04	7.77	12.06	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	90.56	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	2.47	2.74	2.49	2.56	5.80	ppb
Barium	137-1	2.75	2.97	2.59	2.77	6.79	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	40.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	7.25	6.95	6.18	6.80	8.13	ppb
Boron	11-1	7.61	7.73	7.21	7.52	3.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.26	-0.04	-0.10		ppb
Cadmium	106-1	0.04	-3.09	-0.27	-1.11		ppb
Cadmium	108-1	-0.01	0.04	0.29	0.11	144.34	ppb
Calcium	43-1	28.50	31.64	29.21	29.78	5.53	ppb
Calcium	44-1	23.17	26.30	23.15	24.21	7.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.61	3.40	3.63	3.54	3.51	ppb
Cobalt	59-2	0.02	0.03	0.03	0.02	23.24	ppb
Copper	63-2	0.16	0.25	0.17	0.19	24.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	17.21	19.60	22.68	19.83	13.84	ppb
Iron	56-2	17.52	18.21	17.51	17.75	2.26	ppb
Iron	57-2	16.85	21.28	15.77	17.97	16.26	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-01	Instrumnet Name :	P8
Client Sample ID :	GBQL6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:21:11	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.62	0.68	0.61	0.63	6.16	ppb
Lead	207-1	0.64	0.55	0.57	0.59	8.10	ppb
Lead	208-1	0.59	0.57	0.57	0.58	1.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	6.64	5.21	6.31	6.05	12.31	ppb
Manganese	55-2	0.56	0.48	0.65	0.56	15.02	ppb
Molybdenum	94-1	0.03	0.03	0.05	0.04	17.90	ppb
Molybdenum	95-1	0.01	0.03	0.03	0.02	55.55	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	22.47	ppb
Molybdenum	97-1	0.02	0.05	0.02	0.03	67.28	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	22.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.41	1.45	1.51	9.63	ppb
Phosphorus	31-2	-24.20	0.70	1.87	-7.21		ppb
Potassium	39-2	29.13	31.36	34.77	31.75	8.95	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	82-1	0.12	-0.03	-0.16	-0.03		ppb
Selenium	77-2	0.84	-0.43	-0.43	-0.01		ppb
Selenium	78-2	-0.80	0.73	-0.18	-0.08		ppb
Silicon	28-1	-18.69	-7.23	-9.26	-11.73		ppb
Silver	107-1	0.03	0.05	0.02	0.03	54.25	ppb
Silver	109-1	0.05	0.02	0.05	0.04	34.14	ppb
Sodium	23-2	76.06	73.79	83.45	77.77	6.50	ppb
Strontium	86-1	0.04	0.02	0.06	0.04	49.93	ppb
Strontium	88-1	0.09	0.09	0.09	0.09	2.22	ppb
Sulfur	34-1	-1664.74	-759.35	-1542.08	-1322.06		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.04	0.04	0.03	22.70	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	15.83	ppb
Tin	118-1	-0.01	-0.04	0.01	-0.02		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-01	Instrumnet Name :	P8
Client Sample ID :	GBQL6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:21:11	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.12	0.21	0.15	38.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	32.93	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	48.23	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	1.00	1.22	1.25	1.16	11.90	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	44.26	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	32.18	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-02	Instrumnet Name :	P8
Client Sample ID :	GBQL7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:24:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	1.39	0.94	1.07	25.92	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	50.00	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.01	415.66	ppb
Barium	135-1	0.48	0.59	0.50	0.52	11.85	ppb
Barium	137-1	0.54	0.53	0.63	0.57	9.00	ppb
Beryllium	9-1	0.01	0.02	0.02	0.01	41.54	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	4.66	4.89	5.06	4.87	4.05	ppb
Boron	11-1	5.19	5.52	5.41	5.37	3.14	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.16	-0.13	-0.10		ppb
Cadmium	106-1	-0.04	-1.76	-1.43	-1.08		ppb
Cadmium	108-1	0.10	0.24	0.14	0.16	47.08	ppb
Calcium	43-1	14.21	13.18	15.63	14.34	8.59	ppb
Calcium	44-1	10.42	8.68	9.18	9.43	9.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.33	0.37	0.36	8.65	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	50.19	ppb
Copper	63-2	0.14	0.10	0.12	0.12	16.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	4.96	4.97	1.47	3.80	53.02	ppb
Iron	56-2	4.20	3.72	3.52	3.81	9.19	ppb
Iron	57-2	4.35	3.57	3.09	3.67	17.34	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-02	Instrumnet Name :	P8
Client Sample ID :	GBQL7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:24:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.06	0.03	74.48	ppb
Lead	207-1	0.02	0.07	0.07	0.05	58.04	ppb
Lead	208-1	0.04	0.04	0.07	0.05	34.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	5.44	4.16	4.52	4.71	14.06	ppb
Manganese	55-2	0.19	0.15	0.17	0.17	14.13	ppb
Molybdenum	94-1	0.05	0.02	0.13	0.07	86.18	ppb
Molybdenum	95-1	0.03	0.05	0.06	0.05	37.57	ppb
Molybdenum	96-1	0.02	0.04	0.04	0.03	33.06	ppb
Molybdenum	97-1	0.02	0.03	0.06	0.04	53.59	ppb
Molybdenum	98-1	0.02	0.07	0.07	0.06	50.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.43	0.42	0.43	2.13	ppb
Phosphorus	31-2	0.02	3.57	7.26	3.61	100.23	ppb
Potassium	39-2	28.38	10.51	19.36	19.42	46.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.14	-0.07	0.06	0.04	240.53	ppb
Selenium	77-2	2.04	3.43	-0.43	1.68	116.72	ppb
Selenium	78-2	0.66	0.15	-1.36	-0.18		ppb
Silicon	28-1	-7.33	-11.15	-5.37	-7.95		ppb
Silver	107-1	0.02	0.02	-0.01	0.01	130.76	ppb
Silver	109-1	0.02	0.01	0.02	0.02	19.72	ppb
Sodium	23-2	24.64	18.90	25.39	22.98	15.46	ppb
Strontium	86-1	0.03	0.18	0.15	0.12	66.60	ppb
Strontium	88-1	0.06	0.14	0.17	0.12	46.76	ppb
Sulfur	34-1	-738.90	-1150.49	-1334.71	-1074.70		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.03	0.00	0.01	117.77	ppb
Thallium	205-1	0.00	0.01	0.03	0.02	92.98	ppb
Tin	118-1	-0.03	-0.03	0.00	-0.02		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-02	Instrumnet Name :	P8
Client Sample ID :	GBQL7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:24:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.13	0.28	0.19	40.12	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	169.12	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	24.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	0.10	0.27	0.26	0.21	44.21	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	36.68	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	56.65	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-03	Instrumnet Name :	P8
Client Sample ID :	GBQL8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:27:35	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.75	8.20	8.46	8.14	4.36	ppb
Antimony	121-1	0.00	0.02	0.02	0.01	74.68	ppb
Arsenic	75-2	0.03	0.03	0.09	0.05	73.44	ppb
Barium	135-1	3.87	3.54	3.78	3.73	4.62	ppb
Barium	137-1	3.84	3.78	3.82	3.81	0.81	ppb
Beryllium	9-1	0.01	0.01	0.03	0.01	86.53	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	3.89	3.83	4.08	3.94	3.35	ppb
Boron	11-1	4.33	4.47	4.37	4.39	1.68	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.26	-0.10	-0.14		ppb
Cadmium	106-1	-0.56	-2.97	-1.03	-1.52		ppb
Cadmium	108-1	0.24	0.51	0.53	0.43	37.41	ppb
Calcium	43-1	18.44	18.18	18.93	18.52	2.04	ppb
Calcium	44-1	15.83	17.21	16.73	16.59	4.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.77	0.83	0.80	3.90	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	14.13	ppb
Copper	63-2	0.31	0.27	0.37	0.32	15.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	15.46	16.80	14.20	15.49	8.37	ppb
Iron	56-2	14.39	14.91	15.68	15.00	4.34	ppb
Iron	57-2	15.12	16.82	19.53	17.16	12.97	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-03	Instrumnet Name :	P8
Client Sample ID :	GBQL8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:27:35	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.20	0.19	0.21	14.10	ppb
Lead	207-1	0.19	0.22	0.23	0.21	9.73	ppb
Lead	208-1	0.21	0.20	0.20	0.20	4.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	11.91	11.38	11.89	11.73	2.59	ppb
Manganese	55-2	0.46	0.45	0.41	0.44	6.70	ppb
Molybdenum	94-1	0.10	0.06	0.08	0.08	24.79	ppb
Molybdenum	95-1	0.07	0.09	0.09	0.08	13.25	ppb
Molybdenum	96-1	0.03	0.04	0.08	0.05	60.37	ppb
Molybdenum	97-1	0.04	0.13	0.12	0.10	50.08	ppb
Molybdenum	98-1	0.05	0.08	0.11	0.08	37.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.44	0.53	0.45	15.16	ppb
Phosphorus	31-2	28.29	0.31	-17.58	3.67	629.60	ppb
Potassium	39-2	27.24	21.22	17.69	22.05	21.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.17	-0.64	-0.53	-0.45		ppb
Selenium	77-2	0.83	0.84	0.85	0.84	1.09	ppb
Selenium	78-2	-0.52	-0.47	0.35	-0.21		ppb
Silicon	28-1	-8.29	-10.62	-11.83	-10.25		ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	0.00	0.01	0.00	423.43	ppb
Sodium	23-2	29.67	30.47	31.71	30.62	3.37	ppb
Strontium	86-1	0.15	0.06	0.25	0.15	60.95	ppb
Strontium	88-1	0.17	0.19	0.26	0.20	23.56	ppb
Sulfur	34-1	-877.44	-1105.87	-1329.55	-1104.29		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	20.56	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	16.86	ppb
Tin	118-1	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-03	Instrumnet Name :	P8
Client Sample ID :	GBQL8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:27:35	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.21	0.18	0.48	0.29	56.30	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	32.03	ppb
Vanadium	51-2	0.03	0.02	0.05	0.03	38.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	1.20	1.08	0.95	1.08	11.52	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	14.17	ppb
Zirconium	91-1	0.02	0.00	0.02	0.01	118.31	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-04	Instrumnet Name :	P8
Client Sample ID :	GBQL9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:30:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.61	4.68	3.84	4.71	18.73	ppb
Antimony	121-1	0.03	0.02	0.00	0.02	90.16	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	10.08	9.94	10.23	10.08	1.42	ppb
Barium	137-1	9.47	9.98	9.87	9.77	2.79	ppb
Beryllium	9-1	0.04	0.02	0.00	0.02	97.16	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	3.58	3.93	3.54	3.68	5.83	ppb
Boron	11-1	3.87	3.98	3.86	3.90	1.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	0.04	0.00	-0.03		ppb
Cadmium	106-1	-1.21	0.94	0.36	0.03	3897.78	ppb
Cadmium	108-1	0.62	0.59	0.24	0.48	43.40	ppb
Calcium	43-1	74.37	61.48	57.82	64.56	13.46	ppb
Calcium	44-1	69.31	56.33	54.39	60.01	13.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.98	1.02	0.97	0.99	2.61	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	80.50	ppb
Copper	63-2	0.08	0.10	0.05	0.07	34.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	10.57	8.19	7.43	8.73	18.81	ppb
Iron	56-2	8.86	9.49	8.42	8.92	6.07	ppb
Iron	57-2	6.56	10.44	10.15	9.05	23.91	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-04	Instrumnet Name :	P8
Client Sample ID :	GBQL9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:30:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.52	0.50	0.46	0.49	6.98	ppb
Lead	207-1	0.51	0.45	0.38	0.45	13.99	ppb
Lead	208-1	0.51	0.45	0.45	0.47	6.92	ppb
Lithium	6-1				102		%
Magnesium	24-2	13.03	12.89	12.87	12.93	0.69	ppb
Manganese	55-2	0.63	0.66	0.65	0.65	2.67	ppb
Molybdenum	94-1	0.35	0.13	0.09	0.19	73.13	ppb
Molybdenum	95-1	0.34	0.12	0.05	0.17	90.33	ppb
Molybdenum	96-1	0.29	0.11	0.05	0.15	84.31	ppb
Molybdenum	97-1	0.34	0.12	0.03	0.16	98.76	ppb
Molybdenum	98-1	0.35	0.10	0.05	0.17	98.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.49	0.56	0.51	7.54	ppb
Phosphorus	31-2	28.70	39.04	3.63	23.79	76.54	ppb
Potassium	39-2	43.11	45.45	30.21	39.59	20.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	-0.20	-0.26	0.43	-0.01		ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-0.40	1.64	-0.70	0.18	715.87	ppb
Silicon	28-1	-10.68	-16.52	-8.94	-12.05		ppb
Silver	107-1	0.01	0.01	0.00	0.01	104.32	ppb
Silver	109-1	0.00	0.02	0.02	0.01	88.52	ppb
Sodium	23-2	38.49	44.38	43.03	41.97	7.34	ppb
Strontium	86-1	0.57	0.33	0.23	0.37	45.94	ppb
Strontium	88-1	0.75	0.31	0.20	0.42	69.74	ppb
Sulfur	34-1	-1161.18	-1372.99	-989.64	-1174.60		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.01	0.00	0.01	111.51	ppb
Thallium	205-1	0.03	0.03	0.01	0.02	53.68	ppb
Tin	118-1	-0.01	-0.05	-0.03	-0.03		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-04	Instrumnet Name :	P8
Client Sample ID :	GBQL9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:30:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.48	0.28	0.24	0.34	38.69	ppb
Uranium	238-1	0.03	0.01	0.00	0.01	123.56	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	102.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	2.88	2.51	2.33	2.57	10.84	ppb
Zirconium	90-1	0.04	0.00	0.02	0.02	107.88	ppb
Zirconium	91-1	0.05	0.03	0.00	0.03	96.89	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-05	Instrumnet Name :	P8
Client Sample ID :	GBQM0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:33:59	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.35	2.02	3.61	2.66	31.42	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	63.67	ppb
Arsenic	75-2	0.00	0.00	-0.02	-0.01		ppb
Barium	135-1	5.34	5.29	5.57	5.40	2.74	ppb
Barium	137-1	5.61	5.61	5.75	5.66	1.38	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	77.80	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	3.25	3.20	2.86	3.11	6.79	ppb
Boron	11-1	3.58	3.57	3.68	3.61	1.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	0.27	-0.08	0.02	1193.16	ppb
Cadmium	106-1	-1.48	3.67	-0.50	0.56	485.66	ppb
Cadmium	108-1	0.34	0.35	0.51	0.40	24.35	ppb
Calcium	43-1	36.07	35.94	37.57	36.53	2.47	ppb
Calcium	44-1	28.80	30.33	28.39	29.17	3.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.12	0.10	0.14	33.96	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.15	0.16	0.16	0.16	4.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	4.54	3.45	6.99	4.99	36.35	ppb
Iron	56-2	4.95	4.28	4.57	4.60	7.28	ppb
Iron	57-2	5.20	7.06	6.26	6.17	15.07	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-05	Instrumnet Name :	P8
Client Sample ID :	GBQM0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:33:59	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.14	0.17	13.76	ppb
Lead	207-1	0.17	0.22	0.18	0.19	13.63	ppb
Lead	208-1	0.18	0.17	0.15	0.17	10.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	8.09	8.25	8.16	8.17	0.98	ppb
Manganese	55-2	0.22	0.27	0.38	0.29	27.70	ppb
Molybdenum	94-1	0.04	0.01	0.03	0.03	63.41	ppb
Molybdenum	95-1	0.00	0.02	0.02	0.01	82.55	ppb
Molybdenum	96-1	0.00	0.03	-0.01	0.00	858.09	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	612.89	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.17	0.16	0.16	11.63	ppb
Phosphorus	31-2	15.47	60.41	17.95	31.28	80.76	ppb
Potassium	39-2	44.12	24.35	23.50	30.66	38.06	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	-0.29	-0.20	-0.37	-0.29		ppb
Selenium	77-2	-0.43	2.12	0.84	0.84	151.56	ppb
Selenium	78-2	-0.63	-1.27	-0.92	-0.94		ppb
Silicon	28-1	-16.78	-9.35	-16.44	-14.19		ppb
Silver	107-1	0.03	0.01	0.04	0.03	48.57	ppb
Silver	109-1	0.01	0.03	0.03	0.02	60.14	ppb
Sodium	23-2	26.53	23.56	25.20	25.10	5.93	ppb
Strontium	86-1	0.07	-0.02	0.04	0.03	144.42	ppb
Strontium	88-1	0.11	0.10	0.11	0.10	5.15	ppb
Sulfur	34-1	-1148.63	-650.11	-1006.95	-935.23		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.02	0.01	0.01	45.83	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	28.35	ppb
Tin	118-1	-0.02	-0.03	-0.03	-0.02		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-05	Instrumnet Name :	P8
Client Sample ID :	GBQM0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:33:59	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.25	0.09	0.13	0.16	50.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	279.77	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	360.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1.51	1.06	1.42	1.33	18.05	ppb
Zirconium	90-1	0.03	0.00	0.02	0.02	87.07	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	26.32	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-06	Instrumnet Name :	P8
Client Sample ID :	GBQM1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:37:11	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.85	3.36	3.13	3.45	10.76	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	153.23	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.01		ppb
Barium	135-1	4.27	4.44	4.32	4.34	2.10	ppb
Barium	137-1	4.26	4.79	4.32	4.46	6.49	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	123.27	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Boron	10-1	2.82	2.83	3.21	2.95	7.52	ppb
Boron	11-1	3.19	3.17	3.06	3.14	2.14	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.19	-0.01	-0.09		ppb
Cadmium	106-1	-0.71	-1.96	0.20	-0.82		ppb
Cadmium	108-1	0.41	0.44	0.33	0.39	14.60	ppb
Calcium	43-1	32.27	32.02	31.16	31.82	1.83	ppb
Calcium	44-1	26.59	25.14	24.98	25.57	3.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.08	0.06	25.23	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.09	0.05	0.04	0.06	51.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	6.15	6.15	9.03	7.11	23.39	ppb
Iron	56-2	7.21	7.07	7.30	7.19	1.58	ppb
Iron	57-2	5.27	6.94	6.07	6.09	13.65	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-06	Instrumnet Name :	P8
Client Sample ID :	GBQM1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:37:11	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.18	0.16	0.16	16.75	ppb
Lead	207-1	0.19	0.18	0.23	0.20	13.65	ppb
Lead	208-1	0.15	0.16	0.17	0.16	4.97	ppb
Lithium	6-1				106		%
Magnesium	24-2	3.72	3.75	4.99	4.16	17.47	ppb
Manganese	55-2	0.42	0.40	0.42	0.41	3.00	ppb
Molybdenum	94-1	0.03	0.05	0.03	0.04	29.89	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	29.32	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.04	0.00	0.02	93.93	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	19.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.71	2.59	2.82	2.71	4.34	ppb
Phosphorus	31-2	26.31	8.71	5.80	13.61	81.57	ppb
Potassium	39-2	7.00	2.17	11.91	7.03	69.28	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	-0.10	-0.05	0.04	-0.03		ppb
Selenium	77-2	-0.43	0.80	-0.43	-0.02		ppb
Selenium	78-2	-0.42	0.13	-0.25	-0.18		ppb
Silicon	28-1	-13.26	-14.36	-11.89	-13.17		ppb
Silver	107-1	0.01	0.02	0.00	0.01	146.46	ppb
Silver	109-1	0.02	0.01	0.01	0.01	59.67	ppb
Sodium	23-2	22.78	23.11	22.54	22.81	1.24	ppb
Strontium	86-1	0.10	0.09	0.07	0.09	21.40	ppb
Strontium	88-1	0.08	0.08	0.09	0.08	7.35	ppb
Sulfur	34-1	-1207.12	-1309.69	-858.42	-1125.08		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.01	0.01	0.01	52.40	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.68	ppb
Tin	118-1	0.01	0.02	0.07	0.03	95.39	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-06	Instrumnet Name :	P8
Client Sample ID :	GBQM1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:37:11	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.11	0.13	0.12	9.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00	1110.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1.94	1.88	1.76	1.86	4.93	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	81.87	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	84.93	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-01	Instrumnet Name :	P8
Client Sample ID :	MC0LK0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:40:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100.96	99.22	100.77	100.31	0.95	ppb
Antimony	121-1	0.02	0.01	0.05	0.03	64.74	ppb
Arsenic	75-2	0.01	-0.02	0.00	0.00		ppb
Barium	135-1	0.08	0.02	0.20	0.10	95.26	ppb
Barium	137-1	0.05	0.10	0.17	0.11	59.87	ppb
Beryllium	9-1	0.00	0.00	0.02	0.01	113.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	1.36	1.32	1.39	1.35	2.74	ppb
Boron	11-1	1.64	1.47	1.43	1.51	7.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.05	-0.02	0.05	135.99	ppb
Cadmium	106-1	1.85	1.01	-0.13	0.91	109.07	ppb
Cadmium	108-1	0.49	0.58	0.46	0.51	11.78	ppb
Calcium	43-1	20.39	16.36	30.63	22.46	32.77	ppb
Calcium	44-1	11.18	8.87	25.95	15.33	60.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.50	0.63	0.59	11.93	ppb
Cobalt	59-2	0.04	0.01	0.02	0.02	75.42	ppb
Copper	63-2	0.53	0.43	0.30	0.42	27.16	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				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	18.37	10.55	6.06	11.66	53.45	ppb
Iron	56-2	15.57	8.80	7.62	10.66	40.24	ppb
Iron	57-2	18.52	12.33	8.45	13.10	38.77	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-01	Instrumnet Name :	P8
Client Sample ID :	MC0LK0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:40:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.03	0.16	0.08	82.78	ppb
Lead	207-1	0.06	0.07	0.13	0.09	41.93	ppb
Lead	208-1	0.06	0.05	0.15	0.09	61.11	ppb
Lithium	6-1				103		%
Magnesium	24-2	13.46	4.63	1.60	6.56	93.90	ppb
Manganese	55-2	0.73	0.41	0.44	0.53	32.81	ppb
Molybdenum	94-1	0.01	0.02	0.30	0.11	154.50	ppb
Molybdenum	95-1	0.01	0.00	0.36	0.13	161.48	ppb
Molybdenum	96-1	0.00	0.01	0.39	0.13	171.53	ppb
Molybdenum	97-1	0.02	-0.01	0.28	0.10	166.95	ppb
Molybdenum	98-1	0.00	0.00	0.38	0.13	173.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.90	0.81	0.82	9.15	ppb
Phosphorus	31-2	45.87	3.83	-16.83	10.96	291.65	ppb
Potassium	39-2	7.39	13.22	12.06	10.89	28.32	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	-0.31	0.03	0.44	0.05	741.67	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-0.02	-0.79	0.43	-0.13		ppb
Silicon	28-1	-13.48	-15.94	-8.52	-12.65		ppb
Silver	107-1	0.04	0.01	0.00	0.02	116.19	ppb
Silver	109-1	0.02	0.02	0.00	0.02	64.47	ppb
Sodium	23-2	22.34	10.07	9.29	13.90	52.66	ppb
Strontium	86-1	0.00	0.07	0.51	0.20	140.01	ppb
Strontium	88-1	0.06	0.04	0.51	0.20	131.79	ppb
Sulfur	34-1	-1022.05	-1815.94	-1103.17	-1313.72		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.02	0.03	0.02	49.80	ppb
Thallium	205-1	0.01	0.00	0.03	0.01	99.93	ppb
Tin	118-1	0.00	-0.01	0.03	0.01	422.89	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-01	Instrumnet Name :	P8
Client Sample ID :	MC0LK0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:40:21	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.13	0.54	0.24	103.93	ppb
Uranium	238-1	0.00	0.00	0.02	0.01	170.69	ppb
Vanadium	51-2	0.04	0.01	0.02	0.02	70.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	2.78	2.88	2.73	2.80	2.63	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	213.35	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	52.40	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-02	Instrumnet Name :	P8
Client Sample ID :	MC0LK1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:43:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.97	3.69	3.21	3.29	11.19	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	100.57	ppb
Arsenic	75-2	-0.02	0.01	-0.03	-0.02		ppb
Barium	135-1	0.08	0.09	0.08	0.08	9.38	ppb
Barium	137-1	0.16	0.13	0.06	0.12	43.30	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	218.00	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	1.10	0.99	1.12	1.07	6.37	ppb
Boron	11-1	1.28	1.23	1.15	1.22	5.29	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	-0.02	-0.17	0.00	15349.99	ppb
Cadmium	106-1	2.80	0.29	-1.91	0.39	602.55	ppb
Cadmium	108-1	0.35	0.67	0.27	0.43	48.97	ppb
Calcium	43-1	9.08	13.10	9.44	10.54	21.09	ppb
Calcium	44-1	7.29	6.65	3.07	5.67	40.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.64	0.46	0.60	0.57	16.60	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	61.20	ppb
Copper	63-2	0.11	0.10	0.16	0.13	25.73	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				105		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	6.90	6.03	5.95	6.30	8.40	ppb
Iron	56-2	5.41	5.31	5.51	5.41	1.86	ppb
Iron	57-2	7.88	6.28	4.06	6.07	31.53	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-02	Instrumnet Name :	P8
Client Sample ID :	MC0LK1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:43:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.59	0.64	0.58	0.60	5.10	ppb
Lead	207-1	0.57	0.59	0.58	0.58	1.62	ppb
Lead	208-1	0.58	0.58	0.56	0.57	2.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.43	0.56	1.57	0.85	73.12	ppb
Manganese	55-2	0.28	0.29	0.32	0.30	6.01	ppb
Molybdenum	94-1	0.01	0.03	0.02	0.02	41.65	ppb
Molybdenum	95-1	0.00	0.02	0.01	0.01	95.80	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	107.41	ppb
Molybdenum	97-1	0.04	0.02	0.00	0.02	85.98	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	51.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.85	0.94	0.86	8.97	ppb
Phosphorus	31-2	-0.35	18.02	-9.88	2.59	546.72	ppb
Potassium	39-2	3.79	20.44	7.29	10.51	83.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.04	0.50	0.04	0.19	135.53	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-1.68	0.15	1.03	-0.17		ppb
Silicon	28-1	-12.28	-7.65	-20.32	-13.42		ppb
Silver	107-1	0.01	0.01	0.00	0.01	129.98	ppb
Silver	109-1	0.00	0.02	0.00	0.01	158.22	ppb
Sodium	23-2	-0.47	1.76	5.74	2.34	134.37	ppb
Strontium	86-1	0.02	0.01	-0.03	0.00		ppb
Strontium	88-1	0.06	0.06	0.05	0.06	10.78	ppb
Sulfur	34-1	-794.32	-721.74	-1594.77	-1036.94		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.01	0.00	203.35	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	66.46	ppb
Tin	118-1	0.00	-0.01	-0.03	-0.01		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-02	Instrumnet Name :	P8
Client Sample ID :	MC0LK1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:43:34	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.04	0.01	0.08	115.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	143.29	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	120.61	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	0.64	0.39	0.25	0.43	45.50	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	219.19	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	80.73	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-03	Instrumnet Name :	P8
Client Sample ID :	MC0LK2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:46:45	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.27	6.44	6.27	6.00	10.55	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	94.50	ppb
Arsenic	75-2	-0.02	0.03	0.00	0.01	435.28	ppb
Barium	135-1	0.23	0.29	0.39	0.30	26.10	ppb
Barium	137-1	0.23	0.27	0.24	0.25	8.32	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	0.86	0.90	0.92	0.89	3.59	ppb
Boron	11-1	1.00	0.99	0.95	0.98	2.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.16	0.12	-0.07		ppb
Cadmium	106-1	-1.86	-1.47	2.05	-0.43		ppb
Cadmium	108-1	0.67	0.50	0.58	0.59	14.49	ppb
Calcium	43-1	44.20	41.81	39.85	41.96	5.19	ppb
Calcium	44-1	35.63	33.79	32.56	33.99	4.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.66	0.67	0.72	0.68	5.07	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.11	0.07	0.09	0.09	21.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	9.81	9.73	7.45	9.00	14.89	ppb
Iron	56-2	9.81	10.04	9.06	9.64	5.33	ppb
Iron	57-2	9.48	11.05	11.08	10.54	8.69	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-03	Instrumnet Name :	P8
Client Sample ID :	MC0LK2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:46:45	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.45	0.47	0.51	0.48	6.70	ppb
Lead	207-1	0.46	0.49	0.48	0.48	3.08	ppb
Lead	208-1	0.45	0.48	0.49	0.48	4.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	8.09	9.25	8.32	8.55	7.19	ppb
Manganese	55-2	1.00	1.25	1.06	1.10	11.57	ppb
Molybdenum	94-1	0.04	0.04	0.02	0.03	28.90	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	22.11	ppb
Molybdenum	96-1	0.01	0.01	-0.01	0.00	231.21	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.01	170.00	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	41.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.32	1.30	1.23	1.28	4.01	ppb
Phosphorus	31-2	-1.50	3.28	13.86	5.22	150.73	ppb
Potassium	39-2	4.83	13.49	5.18	7.83	62.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.05	0.10	0.34	0.16	96.78	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	0.35	0.32	0.03	0.23	74.71	ppb
Silicon	28-1	-15.72	-16.37	-12.71	-14.93		ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.01	0.00	0.00	0.00	187.69	ppb
Sodium	23-2	1.70	5.09	1.61	2.80	70.89	ppb
Strontium	86-1	-0.06	0.05	-0.01	-0.01		ppb
Strontium	88-1	0.09	0.10	0.11	0.10	9.36	ppb
Sulfur	34-1	-970.44	-1112.63	-1211.82	-1098.30		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.01	-0.02	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.02	0.01	144.11	ppb
Tin	118-1	-0.03	-0.01	0.01	-0.01		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-03	Instrumnet Name :	P8
Client Sample ID :	MC0LK2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:46:45	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.12	0.20	0.16	24.54	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.92	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	0.88	0.89	0.48	0.75	31.43	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	528.16	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	49.52	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-04	Instrumnet Name :	P8
Client Sample ID :	MC0LK3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:49:57	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	0.97	0.64	0.95	31.65	ppb
Antimony	121-1	0.01	-0.01	0.01	0.00	204.33	ppb
Arsenic	75-2	0.01	0.01	-0.02	0.00	594.44	ppb
Barium	135-1	0.06	0.04	0.08	0.06	33.25	ppb
Barium	137-1	0.06	0.09	0.08	0.08	19.42	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	349.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	0.97	0.63	0.70	0.77	23.41	ppb
Boron	11-1	1.05	0.81	0.96	0.94	12.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.12	-0.18	-0.12		ppb
Cadmium	106-1	-0.41	-1.01	-1.77	-1.07		ppb
Cadmium	108-1	0.34	0.39	0.53	0.42	23.54	ppb
Calcium	43-1	8.99	11.00	9.50	9.83	10.63	ppb
Calcium	44-1	5.15	5.04	3.91	4.70	14.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.55	7.90	7.87	8.11	4.80	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	1.41	ppb
Copper	63-2	0.67	0.54	0.61	0.61	10.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	28.65	32.26	30.90	30.60	5.95	ppb
Iron	56-2	28.60	26.97	25.79	27.12	5.20	ppb
Iron	57-2	30.08	25.81	27.42	27.77	7.77	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-04	Instrumnet Name :	P8
Client Sample ID :	MC0LK3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:49:57	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.01	0.03	46.79	ppb
Lead	207-1	0.08	0.08	0.05	0.07	26.31	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.15	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.56	0.68	0.11	0.45	66.38	ppb
Manganese	55-2	0.66	0.66	0.64	0.65	2.20	ppb
Molybdenum	94-1	0.08	0.07	0.07	0.07	7.36	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	19.29	ppb
Molybdenum	96-1	0.08	0.09	0.07	0.08	10.43	ppb
Molybdenum	97-1	0.07	0.04	0.05	0.05	25.45	ppb
Molybdenum	98-1	0.06	0.07	0.07	0.07	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.43	3.14	3.38	3.32	4.69	ppb
Phosphorus	31-2	1.42	10.13	-14.04	-0.83		ppb
Potassium	39-2	1.98	2.21	23.67	9.29	134.11	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.14	-0.05	0.03	0.04	235.71	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	0.02	-1.71	-1.70	-1.13		ppb
Silicon	28-1	-12.62	-7.72	-13.40	-11.25		ppb
Silver	107-1	0.00	0.02	0.00	0.01	203.91	ppb
Silver	109-1	0.00	0.00	0.00	0.00	359.91	ppb
Sodium	23-2	1.49	-0.24	1.38	0.88	110.68	ppb
Strontium	86-1	0.02	-0.02	0.01	0.00	584.28	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	25.33	ppb
Sulfur	34-1	-830.50	-893.21	-945.59	-889.77		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.01	0.00	0.03	0.01	212.74	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-04	Instrumnet Name :	P8
Client Sample ID :	MC0LK3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:49:57	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.02	0.18	0.09	87.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.03	0.03	0.03	38.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	0.46	0.21	0.05	0.24	86.50	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	69.31	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	113.22	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-05	Instrumnet Name :	P8
Client Sample ID :	MC0LK4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:53:08	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	1.17	2.07	1.50	33.07	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	76.10	ppb
Arsenic	75-2	-0.02	0.00	0.01	0.00		ppb
Barium	135-1	0.05	0.09	0.03	0.06	59.72	ppb
Barium	137-1	0.04	0.01	0.06	0.04	63.90	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	0.75	0.60	0.58	0.65	14.56	ppb
Boron	11-1	0.82	0.70	0.74	0.76	8.28	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.20	-0.08	-0.08		ppb
Cadmium	106-1	0.89	-2.21	-0.88	-0.74		ppb
Cadmium	108-1	0.24	0.47	0.09	0.27	71.37	ppb
Calcium	43-1	21.40	20.52	18.22	20.05	8.18	ppb
Calcium	44-1	14.97	17.08	15.77	15.94	6.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.65	1.53	1.40	1.53	7.98	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	109.04	ppb
Copper	63-2	0.12	0.07	0.04	0.08	51.67	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				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	7.55	9.32	6.61	7.83	17.61	ppb
Iron	56-2	7.67	8.04	7.35	7.68	4.45	ppb
Iron	57-2	11.52	11.40	6.02	9.65	32.54	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-05	Instrumnet Name :	P8
Client Sample ID :	MC0LK4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:53:08	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.07	0.11	0.07	64.20	ppb
Lead	207-1	0.07	0.11	0.07	0.09	26.15	ppb
Lead	208-1	0.06	0.08	0.08	0.07	16.89	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.56	1.65	1.11	1.44	20.02	ppb
Manganese	55-2	0.53	0.53	0.54	0.54	0.97	ppb
Molybdenum	94-1	0.08	0.04	0.06	0.06	35.17	ppb
Molybdenum	95-1	0.02	0.00	0.03	0.02	95.29	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	26.27	ppb
Molybdenum	97-1	0.05	0.02	0.02	0.03	64.38	ppb
Molybdenum	98-1	0.01	0.03	0.03	0.02	49.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.18	1.19	1.28	13.26	ppb
Phosphorus	31-2	9.44	7.01	-21.80	-1.79		ppb
Potassium	39-2	6.71	1.93	7.94	5.53	57.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.08	0.05	-0.34	-0.07		ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-0.65	-0.81	0.08	-0.46		ppb
Silicon	28-1	-13.62	-10.73	-9.25	-11.20		ppb
Silver	107-1	-0.01	-0.01	0.00	0.00		ppb
Silver	109-1	0.01	0.03	0.00	0.01	95.01	ppb
Sodium	23-2	8.82	12.24	14.50	11.85	24.12	ppb
Strontium	86-1	0.06	-0.08	0.02	0.00		ppb
Strontium	88-1	0.05	0.04	0.05	0.04	10.72	ppb
Sulfur	34-1	-774.02	-777.62	-766.42	-772.69		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.01	-0.01	0.00	0.00		ppb
Tin	118-1	-0.01	0.01	-0.02	-0.01		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-05	Instrumnet Name :	P8
Client Sample ID :	MC0LK4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:53:08	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.05	0.19	0.13	55.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	771.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	3.28	2.74	2.74	2.92	10.72	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	75.36	ppb
Zirconium	91-1	0.00	0.04	0.02	0.02	118.50	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-01	Instrumnet Name :	P8
Client Sample ID :	MH2504	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:56:21	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.94	51.67	51.74	52.79	3.53	ppb
Antimony	121-1	0.01	0.00	0.01	0.00	143.32	ppb
Arsenic	75-2	0.04	0.09	0.09	0.08	35.29	ppb
Barium	135-1	1.10	1.26	1.18	1.18	6.53	ppb
Barium	137-1	1.36	1.32	1.30	1.32	2.40	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	65.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	0.91	0.84	0.64	0.80	17.87	ppb
Boron	11-1	0.82	0.93	0.93	0.89	6.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.05	-0.06	-0.05		ppb
Cadmium	106-1	-0.22	-0.36	-0.39	-0.32		ppb
Cadmium	108-1	0.50	0.84	0.63	0.65	26.24	ppb
Calcium	43-1	304.74	284.46	289.45	292.88	3.61	ppb
Calcium	44-1	294.74	281.68	287.78	288.07	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.49	1.62	1.42	1.51	6.53	ppb
Cobalt	59-2	0.01	0.02	0.02	0.01	57.23	ppb
Copper	63-2	0.37	0.27	0.31	0.32	15.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	67.38	68.37	61.94	65.90	5.25	ppb
Iron	56-2	66.80	65.29	63.95	65.35	2.18	ppb
Iron	57-2	66.52	58.50	68.00	64.34	7.95	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-01	Instrumnet Name :	P8
Client Sample ID :	MH2504	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:56:21	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.64	0.71	0.60	0.65	8.67	ppb
Lead	207-1	0.74	0.69	0.67	0.70	5.27	ppb
Lead	208-1	0.70	0.66	0.63	0.66	5.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	36.38	38.41	34.25	36.35	5.73	ppb
Manganese	55-2	3.73	3.99	3.93	3.88	3.47	ppb
Molybdenum	94-1	0.12	0.05	0.08	0.08	38.76	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	32.34	ppb
Molybdenum	96-1	0.01	0.03	0.02	0.02	54.74	ppb
Molybdenum	97-1	-0.01	0.00	0.03	0.01	250.76	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	38.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.73	0.85	0.79	7.61	ppb
Phosphorus	31-2	6.19	23.22	25.93	18.45	58.00	ppb
Potassium	39-2	37.54	14.95	17.08	23.19	53.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.33	-0.23	-0.12	-0.23		ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-1.26	-1.32	-0.54	-1.04		ppb
Silicon	28-1	73.07	64.15	67.48	68.23	6.61	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.02	0.00	0.01	0.01	72.24	ppb
Sodium	23-2	20.89	19.88	16.83	19.20	11.01	ppb
Strontium	86-1	1.01	1.04	0.98	1.01	3.28	ppb
Strontium	88-1	1.13	1.07	1.05	1.08	4.09	ppb
Sulfur	34-1	-189.03	-829.10	-322.69	-446.94		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	38.56	ppb
Tin	118-1	0.00	0.02	-0.05	-0.01		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-01	Instrumnet Name :	P8
Client Sample ID :	MH2504	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:56:21	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.04	1.65	1.92	1.87	10.54	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	35.64	ppb
Vanadium	51-2	0.14	0.12	0.18	0.15	20.54	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	2.50	2.56	2.86	2.64	7.24	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	20.14	ppb
Zirconium	91-1	0.02	0.02	0.05	0.03	72.55	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-02	Instrumnet Name :	P8
Client Sample ID :	MH2505	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:59:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.44	20.26	19.46	20.39	4.89	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	34.98	ppb
Arsenic	75-2	0.06	0.01	0.02	0.03	80.24	ppb
Barium	135-1	0.44	0.44	0.45	0.44	1.10	ppb
Barium	137-1	0.53	0.58	0.54	0.55	3.99	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	87.21	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	0.66	0.67	0.91	0.75	18.92	ppb
Boron	11-1	0.80	0.91	0.87	0.86	6.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.09	0.04	-0.03		ppb
Cadmium	106-1	-0.39	-0.74	0.54	-0.20		ppb
Cadmium	108-1	0.39	0.48	0.24	0.37	33.67	ppb
Calcium	43-1	120.33	119.79	118.76	119.63	0.67	ppb
Calcium	44-1	119.13	118.75	118.45	118.78	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.67	1.78	1.44	1.63	10.83	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	69.17	ppb
Copper	63-2	0.18	0.18	0.23	0.20	13.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	41.35	36.27	37.74	38.46	6.80	ppb
Iron	56-2	36.37	36.97	34.42	35.92	3.71	ppb
Iron	57-2	36.61	39.10	36.82	37.51	3.68	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-02	Instrumnet Name :	P8
Client Sample ID :	MH2505	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:59:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.43	0.42	0.43	1.93	ppb
Lead	207-1	0.50	0.44	0.46	0.47	7.30	ppb
Lead	208-1	0.46	0.43	0.43	0.44	4.38	ppb
Lithium	6-1				104		%
Magnesium	24-2	16.28	15.30	13.84	15.14	8.10	ppb
Manganese	55-2	0.78	0.88	0.98	0.88	11.59	ppb
Molybdenum	94-1	0.06	0.04	0.07	0.06	30.06	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.03	17.22	ppb
Molybdenum	96-1	0.03	0.01	0.03	0.02	65.42	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	20.90	ppb
Molybdenum	98-1	0.04	0.05	0.02	0.03	42.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.54	2.18	2.30	2.34	7.78	ppb
Phosphorus	31-2	3.31	6.97	-4.25	2.01	284.98	ppb
Potassium	39-2	15.19	11.34	10.27	12.26	21.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	-0.72	-0.11	-0.18	-0.34		ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-0.80	-1.23	0.60	-0.47		ppb
Silicon	28-1	13.64	12.38	18.87	14.96	23.00	ppb
Silver	107-1	-0.01	0.01	-0.01	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.00	260.05	ppb
Sodium	23-2	35.10	26.79	27.66	29.85	15.30	ppb
Strontium	86-1	0.58	0.52	0.63	0.58	9.10	ppb
Strontium	88-1	0.49	0.54	0.51	0.51	4.92	ppb
Sulfur	34-1	-835.51	-880.43	-553.50	-756.48		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.02		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-02	Instrumnet Name :	P8
Client Sample ID :	MH2505	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:59:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.85	0.62	0.76	0.74	15.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.96	ppb
Vanadium	51-2	0.06	0.04	0.04	0.05	21.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	1.58	1.61	1.35	1.51	9.40	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	2211.05	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	40.19	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-03	Instrumnet Name :	P8
Client Sample ID :	MH2506	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:02:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.85	24.03	24.61	24.50	1.71	ppb
Antimony	121-1	0.00	0.00	0.02	0.01	105.06	ppb
Arsenic	75-2	0.03	0.04	0.04	0.03	12.80	ppb
Barium	135-1	0.64	0.70	0.80	0.71	10.83	ppb
Barium	137-1	0.75	0.62	0.75	0.71	10.93	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	0.93	0.77	0.70	0.80	14.31	ppb
Boron	11-1	0.83	0.80	0.76	0.80	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.09	-0.07	-0.08		ppb
Cadmium	106-1	-0.55	-0.68	-0.58	-0.60		ppb
Cadmium	108-1	0.44	0.53	0.55	0.50	11.01	ppb
Calcium	43-1	159.70	145.83	152.72	152.75	4.54	ppb
Calcium	44-1	149.45	148.10	143.19	146.91	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.86	0.89	0.84	7.22	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	12.07	ppb
Copper	63-2	0.36	0.46	0.47	0.43	14.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	58.27	55.12	58.66	57.35	3.38	ppb
Iron	56-2	58.00	55.41	55.34	56.25	2.69	ppb
Iron	57-2	66.46	58.48	56.86	60.60	8.48	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-03	Instrumnet Name :	P8
Client Sample ID :	MH2506	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:02:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.38	0.36	0.41	0.39	6.10	ppb
Lead	207-1	0.40	0.32	0.43	0.38	14.71	ppb
Lead	208-1	0.44	0.39	0.39	0.41	6.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	17.57	20.89	19.25	19.23	8.64	ppb
Manganese	55-2	1.57	1.61	1.39	1.52	7.50	ppb
Molybdenum	94-1	0.10	0.05	0.10	0.09	36.15	ppb
Molybdenum	95-1	0.05	0.07	0.07	0.06	11.82	ppb
Molybdenum	96-1	0.07	0.06	0.01	0.05	63.52	ppb
Molybdenum	97-1	0.04	0.13	0.06	0.08	59.93	ppb
Molybdenum	98-1	0.08	0.04	0.06	0.06	27.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	5.53	5.45	5.47	0.91	ppb
Phosphorus	31-2	0.22	-7.23	14.48	2.49	443.32	ppb
Potassium	39-2	15.46	23.53	23.74	20.91	22.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	-0.44	-0.12	-0.06	-0.21		ppb
Selenium	77-2	0.85	0.83	-0.43	0.42	177.34	ppb
Selenium	78-2	-0.76	-0.42	0.29	-0.30		ppb
Silicon	28-1	28.95	26.38	28.13	27.82	4.72	ppb
Silver	107-1	0.01	-0.01	-0.01	0.00		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	29.60	25.13	28.87	27.87	8.62	ppb
Strontium	86-1	0.54	0.58	0.59	0.57	4.44	ppb
Strontium	88-1	0.70	0.70	0.69	0.69	0.97	ppb
Sulfur	34-1	-649.03	-925.19	-542.86	-705.69		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.09	0.06	0.03	0.06	52.06	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-03	Instrumnet Name :	P8
Client Sample ID :	MH2506	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:02:44	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.93	0.94	0.67	0.85	18.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.53	ppb
Vanadium	51-2	0.05	0.03	0.06	0.05	32.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	3.27	3.53	3.86	3.55	8.40	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	63.61	ppb
Zirconium	91-1	0.01	0.01	0.05	0.02	94.49	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-04	Instrumnet Name :	P8
Client Sample ID :	MH2507	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:05:54	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.56	73.37	68.17	71.03	3.72	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	105.99	ppb
Arsenic	75-2	0.03	0.05	0.08	0.06	47.14	ppb
Barium	135-1	2.70	2.96	2.44	2.70	9.55	ppb
Barium	137-1	2.79	3.27	2.41	2.82	15.26	ppb
Beryllium	9-1	0.00	0.02	-0.01	0.00	658.39	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	0.57	0.44	0.42	0.48	16.50	ppb
Boron	11-1	0.57	0.68	0.46	0.57	19.02	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.16	0.07	-0.04		ppb
Cadmium	106-1	0.15	-1.50	1.37	0.01	14785.79	ppb
Cadmium	108-1	0.96	0.72	0.73	0.80	16.92	ppb
Calcium	43-1	379.39	371.53	332.37	361.10	6.98	ppb
Calcium	44-1	372.99	375.02	325.85	357.95	7.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.80	9.34	8.48	8.87	4.91	ppb
Cobalt	59-2	0.13	0.14	0.16	0.14	10.97	ppb
Copper	63-2	1.88	2.01	1.92	1.94	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				98		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	149.71	154.43	149.11	151.08	1.93	ppb
Iron	56-2	136.78	140.56	128.72	135.36	4.47	ppb
Iron	57-2	142.55	139.60	144.05	142.06	1.59	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-04	Instrumnet Name :	P8
Client Sample ID :	MH2507	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:05:54	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.55	1.41	1.22	1.39	11.62	ppb
Lead	207-1	1.43	1.39	1.21	1.35	8.57	ppb
Lead	208-1	1.48	1.39	1.21	1.36	10.19	ppb
Lithium	6-1				109		%
Magnesium	24-2	36.58	34.81	34.25	35.21	3.46	ppb
Manganese	55-2	2.94	3.35	3.13	3.14	6.53	ppb
Molybdenum	94-1	0.07	0.08	0.09	0.08	12.67	ppb
Molybdenum	95-1	0.11	0.08	0.10	0.10	15.94	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	4.37	ppb
Molybdenum	97-1	0.09	0.14	0.09	0.11	25.24	ppb
Molybdenum	98-1	0.11	0.07	0.07	0.08	27.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.44	12.84	12.64	12.97	3.20	ppb
Phosphorus	31-2	37.86	55.80	37.18	43.61	24.21	ppb
Potassium	39-2	37.51	47.99	46.28	43.92	12.80	ppb
Rhodium	103-1				109		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				98		%
Selenium	82-1	0.43	-0.32	0.11	0.08	496.02	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-0.61	0.05	-0.01	-0.19		ppb
Silicon	28-1	65.58	65.06	42.28	57.64	23.09	ppb
Silver	107-1	0.00	0.00	0.00	0.00	250.35	ppb
Silver	109-1	0.00	0.01	0.00	0.00	321.00	ppb
Sodium	23-2	19.56	22.02	16.01	19.20	15.74	ppb
Strontium	86-1	1.19	1.26	1.05	1.17	9.08	ppb
Strontium	88-1	1.39	1.26	1.10	1.25	11.75	ppb
Sulfur	34-1	-1113.69	-897.67	-2321.96	-1444.44		ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.00	0.00	364.15	ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.02	0.09	0.04	0.05	67.90	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-04	Instrumnet Name :	P8
Client Sample ID :	MH2507	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:05:54	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.16	1.99	1.51	1.88	17.99	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.06	ppb
Vanadium	51-2	0.17	0.13	0.16	0.16	13.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				97		%
Zinc	66-2	2.64	2.47	2.55	2.56	3.23	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	52.05	ppb
Zirconium	91-1	0.05	0.03	0.02	0.03	47.44	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-05	Instrumnet Name :	P8
Client Sample ID :	MH2508	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:09:08	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.43	46.93	45.70	49.02	9.64	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	73.14	ppb
Arsenic	75-2	0.01	0.06	0.00	0.03	130.86	ppb
Barium	135-1	1.51	1.25	1.36	1.37	9.67	ppb
Barium	137-1	1.51	1.46	1.49	1.49	1.55	ppb
Beryllium	9-1	0.01	0.00	0.00	0.01	83.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	0.43	0.54	0.59	0.52	15.60	ppb
Boron	11-1	0.62	0.63	0.55	0.60	7.20	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.07	-0.19	-0.11		ppb
Cadmium	106-1	-0.36	-0.71	-1.95	-1.00		ppb
Cadmium	108-1	0.62	0.52	1.00	0.71	35.99	ppb
Calcium	43-1	391.21	400.66	383.27	391.71	2.22	ppb
Calcium	44-1	393.09	394.53	387.69	391.77	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.22	0.32	0.29	19.10	ppb
Cobalt	59-2	0.01	0.04	0.03	0.02	68.82	ppb
Copper	63-2	0.34	0.27	0.30	0.31	10.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	87.53	85.66	79.37	84.19	5.08	ppb
Iron	56-2	84.16	80.32	79.93	81.47	2.87	ppb
Iron	57-2	85.05	84.40	88.89	86.11	2.82	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-05	Instrumnet Name :	P8
Client Sample ID :	MH2508	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:09:08	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.07	0.99	0.99	1.02	4.71	ppb
Lead	207-1	0.99	1.09	0.95	1.01	7.37	ppb
Lead	208-1	1.00	1.02	0.96	1.00	2.94	ppb
Lithium	6-1				106		%
Magnesium	24-2	32.88	28.29	29.85	30.34	7.70	ppb
Manganese	55-2	2.69	2.60	2.80	2.70	3.61	ppb
Molybdenum	94-1	0.04	0.06	0.08	0.06	28.87	ppb
Molybdenum	95-1	0.01	0.04	0.05	0.03	55.08	ppb
Molybdenum	96-1	0.03	0.05	0.03	0.04	26.91	ppb
Molybdenum	97-1	0.02	0.08	0.02	0.04	87.34	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	19.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.72	21.63	22.36	22.57	4.71	ppb
Phosphorus	31-2	1.72	3.49	7.03	4.08	66.30	ppb
Potassium	39-2	55.09	36.01	36.68	42.60	25.42	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	-0.57	0.04	0.03	-0.17		ppb
Selenium	77-2	-0.43	-0.43	0.82	-0.02		ppb
Selenium	78-2	1.09	-0.92	-0.58	-0.14		ppb
Silicon	28-1	53.48	51.70	51.92	52.37	1.86	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.01	0.00	0.00	380.21	ppb
Sodium	23-2	27.68	24.74	27.00	26.47	5.81	ppb
Strontium	86-1	1.21	1.43	1.12	1.25	12.48	ppb
Strontium	88-1	1.28	1.22	1.30	1.27	3.16	ppb
Sulfur	34-1	-951.01	-922.98	-888.97	-920.99		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.06	0.05	0.08	0.06	23.78	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-05	Instrumnet Name :	P8
Client Sample ID :	MH2508	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:09:08	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.84	1.61	2.02	1.82	11.36	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	43.79	ppb
Vanadium	51-2	0.12	0.14	0.10	0.12	17.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	2.49	2.36	2.21	2.36	5.96	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	153.78	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	73.56	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-06	Instrumnet Name :	P8
Client Sample ID :	MH2509	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:12:18	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.45	8.74	6.90	8.03	12.33	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	101.85	ppb
Arsenic	75-2	0.01	0.00	0.03	0.01	97.13	ppb
Barium	135-1	0.49	0.47	0.36	0.44	15.60	ppb
Barium	137-1	0.47	0.48	0.45	0.47	2.87	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	0.53	0.53	0.30	0.45	29.65	ppb
Boron	11-1	0.68	0.57	0.59	0.61	9.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.37	0.05	-0.20	-0.17		ppb
Cadmium	106-1	-3.75	1.03	-1.86	-1.53		ppb
Cadmium	108-1	0.99	0.59	0.84	0.80	25.12	ppb
Calcium	43-1	237.08	219.25	224.31	226.88	4.05	ppb
Calcium	44-1	236.53	221.62	232.23	230.13	3.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.50	1.44	1.30	1.41	7.32	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	87.01	ppb
Copper	63-2	0.30	0.24	0.32	0.29	13.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	43.05	44.68	45.24	44.32	2.57	ppb
Iron	56-2	40.04	43.62	39.70	41.12	5.28	ppb
Iron	57-2	38.77	44.25	43.76	42.26	7.18	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-06	Instrumnet Name :	P8
Client Sample ID :	MH2509	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:12:18	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.12	0.09	0.12	21.69	ppb
Lead	207-1	0.19	0.11	0.12	0.14	28.36	ppb
Lead	208-1	0.15	0.12	0.11	0.12	17.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	10.07	12.03	10.81	10.97	9.00	ppb
Manganese	55-2	1.11	1.07	1.00	1.06	5.18	ppb
Molybdenum	94-1	0.08	0.00	0.05	0.04	93.21	ppb
Molybdenum	95-1	0.03	0.05	0.01	0.03	57.40	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	11.04	ppb
Molybdenum	97-1	0.05	0.03	0.02	0.04	36.51	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	44.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.64	2.89	2.50	2.68	7.37	ppb
Phosphorus	31-2	30.60	8.55	3.66	14.27	100.56	ppb
Potassium	39-2	7.55	18.98	15.30	13.94	41.84	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-0.24	0.05	0.15	-0.01		ppb
Selenium	77-2	-0.43	0.84	0.87	0.43	175.25	ppb
Selenium	78-2	0.73	-1.37	-0.71	-0.45		ppb
Silicon	28-1	4.97	-7.09	1.89	-0.08		ppb
Silver	107-1	-0.01	0.00	-0.01	-0.01		ppb
Silver	109-1	0.00	0.01	0.00	0.00	139.41	ppb
Sodium	23-2	6.27	9.04	8.48	7.93	18.41	ppb
Strontium	86-1	0.55	0.55	0.42	0.51	14.58	ppb
Strontium	88-1	0.66	0.57	0.63	0.62	6.86	ppb
Sulfur	34-1	-6.91	-862.66	-21.87	-297.15		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.05	0.00	-0.03	0.01	792.87	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-06	Instrumnet Name :	P8
Client Sample ID :	MH2509	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:12:18	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.41	0.45	0.45	0.44	5.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	73.85	ppb
Vanadium	51-2	0.03	0.03	0.01	0.03	39.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	11.69	11.71	11.78	11.73	0.39	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	86.27	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	66.14	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-07	Instrumnet Name :	P8
Client Sample ID :	MH2510	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:15:33	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.99	38.57	37.38	38.64	3.38	ppb
Antimony	121-1	0.02	0.00	0.01	0.01	91.24	ppb
Arsenic	75-2	0.02	0.04	0.02	0.03	40.83	ppb
Barium	135-1	1.82	1.72	1.42	1.65	12.43	ppb
Barium	137-1	1.31	1.67	1.41	1.46	12.58	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	354.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	0.39	0.46	0.42	0.42	8.12	ppb
Boron	11-1	0.46	0.53	0.56	0.52	9.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.04	-0.02	-0.05		ppb
Cadmium	106-1	-0.87	-0.07	0.19	-0.25		ppb
Cadmium	108-1	0.39	0.53	0.78	0.57	35.18	ppb
Calcium	43-1	301.83	306.78	298.96	302.52	1.31	ppb
Calcium	44-1	300.81	294.68	290.05	295.18	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.07	1.20	1.17	1.15	5.73	ppb
Cobalt	59-2	0.09	0.08	0.06	0.07	19.42	ppb
Copper	63-2	0.17	0.09	0.24	0.17	43.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	127.68	132.51	125.21	128.47	2.89	ppb
Iron	56-2	122.30	122.85	122.82	122.65	0.25	ppb
Iron	57-2	139.01	128.86	116.12	128.00	8.96	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-07	Instrumnet Name :	P8
Client Sample ID :	MH2510	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:15:33	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.24	0.21	0.22	9.41	ppb
Lead	207-1	0.24	0.27	0.18	0.23	20.87	ppb
Lead	208-1	0.22	0.27	0.19	0.23	18.94	ppb
Lithium	6-1				106		%
Magnesium	24-2	23.82	22.60	21.30	22.57	5.57	ppb
Manganese	55-2	2.71	2.52	2.66	2.63	3.76	ppb
Molybdenum	94-1	0.06	0.03	0.08	0.06	44.50	ppb
Molybdenum	95-1	0.03	0.08	0.06	0.06	44.93	ppb
Molybdenum	96-1	0.05	0.08	0.02	0.05	58.74	ppb
Molybdenum	97-1	0.07	0.05	0.07	0.06	19.92	ppb
Molybdenum	98-1	0.08	0.09	0.04	0.07	31.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.41	1.58	1.56	8.54	ppb
Phosphorus	31-2	-1.39	27.80	4.18	10.20	152.04	ppb
Potassium	39-2	22.25	20.87	31.41	24.84	23.07	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	0.34	0.05	0.23	0.21	72.61	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	1.29	0.11	-0.28	0.37	217.97	ppb
Silicon	28-1	24.49	20.29	21.03	21.94	10.24	ppb
Silver	107-1	0.01	0.01	-0.01	0.00	246.53	ppb
Silver	109-1	0.00	0.02	0.01	0.01	115.03	ppb
Sodium	23-2	25.89	26.88	24.07	25.61	5.57	ppb
Strontium	86-1	0.97	1.09	0.90	0.99	9.50	ppb
Strontium	88-1	0.97	1.01	0.92	0.97	4.93	ppb
Sulfur	34-1	-473.28	-660.62	-611.19	-581.70		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	149.22	ppb
Tin	118-1	0.02	0.01	-0.02	0.00	473.79	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-07	Instrumnet Name :	P8
Client Sample ID :	MH2510	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:15:33	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.71	0.97	0.87	0.85	15.53	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.29	ppb
Vanadium	51-2	0.14	0.18	0.20	0.17	17.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.96	1.09	1.13	1.06	8.48	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	21.19	ppb
Zirconium	91-1	0.04	0.02	0.02	0.02	49.19	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-08	Instrumnet Name :	P8
Client Sample ID :	MH2511	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:18:44	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.63	2.91	3.70	3.42	12.88	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	1648.34	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.25	0.17	0.19	0.20	21.71	ppb
Barium	137-1	0.20	0.22	0.24	0.22	9.03	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	85.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	0.55	0.50	0.63	0.56	11.54	ppb
Boron	11-1	0.68	0.82	0.71	0.74	9.92	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	-0.04	0.03	0.03	223.65	ppb
Cadmium	106-1	1.76	0.24	0.73	0.91	85.39	ppb
Cadmium	108-1	0.54	0.89	0.62	0.68	27.20	ppb
Calcium	43-1	53.71	52.73	49.38	51.94	4.37	ppb
Calcium	44-1	47.84	49.99	49.93	49.25	2.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.38	2.69	2.62	2.56	6.27	ppb
Cobalt	59-2	0.00	0.03	0.00	0.01	138.96	ppb
Copper	63-2	0.12	0.09	0.20	0.14	40.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	26.57	27.05	25.21	26.28	3.65	ppb
Iron	56-2	24.12	24.31	24.23	24.22	0.38	ppb
Iron	57-2	25.04	25.92	22.13	24.36	8.15	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-08	Instrumnet Name :	P8
Client Sample ID :	MH2511	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:18:44	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.03	0.07	51.88	ppb
Lead	207-1	0.11	0.08	0.07	0.09	25.22	ppb
Lead	208-1	0.09	0.10	0.05	0.08	30.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	7.26	6.43	5.19	6.30	16.55	ppb
Manganese	55-2	0.79	0.69	0.62	0.70	12.18	ppb
Molybdenum	94-1	0.05	0.04	0.02	0.04	34.96	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	42.82	ppb
Molybdenum	96-1	0.03	-0.01	0.04	0.02	109.89	ppb
Molybdenum	97-1	0.00	0.05	0.02	0.02	87.92	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	45.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.43	2.33	2.29	7.04	ppb
Phosphorus	31-2	-0.69	-7.21	-0.42	-2.78		ppb
Potassium	39-2	12.24	14.22	16.21	14.22	13.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	-0.55	0.11	0.55	0.03	1676.08	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-0.36	-0.50	-1.74	-0.86		ppb
Silicon	28-1	-9.10	-2.73	-2.16	-4.66		ppb
Silver	107-1	-0.01	-0.01	-0.02	-0.01		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	36.43	34.24	35.57	35.41	3.12	ppb
Strontium	86-1	0.36	0.37	0.32	0.35	6.37	ppb
Strontium	88-1	0.32	0.28	0.27	0.29	8.59	ppb
Sulfur	34-1	-891.70	-619.60	-239.20	-583.50		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.04	-0.02	0.01	0.01	305.23	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-08	Instrumnet Name :	P8
Client Sample ID :	MH2511	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:18:44	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.27	0.41	0.29	0.33	23.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	296.51	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	52.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.69	0.81	1.22	0.91	30.63	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	294.33	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	36.91	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-09	Instrumnet Name :	P8
Client Sample ID :	MH2512	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:21:56	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.84	14.68	13.06	14.19	6.96	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	36.45	ppb
Arsenic	75-2	0.09	0.08	0.05	0.07	31.61	ppb
Barium	135-1	0.60	0.64	0.57	0.60	6.14	ppb
Barium	137-1	0.66	0.51	0.53	0.57	14.94	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.02	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	0.98	1.28	1.10	1.12	13.19	ppb
Boron	11-1	1.16	1.27	1.23	1.22	4.54	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.08	0.00	0.01	763.03	ppb
Cadmium	106-1	-0.27	1.51	0.33	0.53	172.16	ppb
Cadmium	108-1	0.54	0.48	0.39	0.47	16.37	ppb
Calcium	43-1	139.94	139.82	137.98	139.24	0.79	ppb
Calcium	44-1	136.52	139.45	137.67	137.88	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.93	1.02	1.05	1.00	5.94	ppb
Cobalt	59-2	0.04	0.06	0.05	0.05	21.26	ppb
Copper	63-2	0.96	1.11	1.04	1.04	7.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	199.88	197.11	190.28	195.76	2.52	ppb
Iron	56-2	193.48	187.23	184.45	188.39	2.45	ppb
Iron	57-2	206.95	186.60	190.69	194.75	5.53	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-09	Instrumnet Name :	P8
Client Sample ID :	MH2512	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:21:56	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.13	0.13	2.83	ppb
Lead	207-1	0.22	0.14	0.15	0.17	25.23	ppb
Lead	208-1	0.15	0.14	0.14	0.14	5.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	9.17	9.88	9.66	9.57	3.76	ppb
Manganese	55-2	4.11	4.03	4.00	4.05	1.43	ppb
Molybdenum	94-1	0.56	0.43	0.46	0.48	14.22	ppb
Molybdenum	95-1	0.17	0.14	0.13	0.15	15.47	ppb
Molybdenum	96-1	0.16	0.14	0.14	0.15	7.49	ppb
Molybdenum	97-1	0.10	0.18	0.13	0.14	30.96	ppb
Molybdenum	98-1	0.11	0.14	0.12	0.12	10.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	1.81	1.68	1.76	3.91	ppb
Phosphorus	31-2	17.34	-14.16	-3.47	-0.10		ppb
Potassium	39-2	20.46	28.04	15.09	21.19	30.71	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.34	-0.32	0.07	0.03	1173.35	ppb
Selenium	77-2	-0.43	-0.43	0.84	-0.01		ppb
Selenium	78-2	0.14	-1.66	-1.16	-0.89		ppb
Silicon	28-1	8.28	7.34	11.05	8.89	21.71	ppb
Silver	107-1	0.00	0.00	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	24.41	31.84	29.95	28.74	13.43	ppb
Strontium	86-1	1.53	1.48	1.29	1.43	9.06	ppb
Strontium	88-1	1.54	1.49	1.50	1.51	1.87	ppb
Sulfur	34-1	-594.91	-354.30	-138.28	-362.50		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.03	0.01	0.02	94.75	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-09	Instrumnet Name :	P8
Client Sample ID :	MH2512	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:21:56	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.86	1.36	1.66	1.63	15.67	ppb
Uranium	238-1	0.03	0.03	0.01	0.03	42.17	ppb
Vanadium	51-2	0.02	0.06	0.03	0.04	50.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	5.56	5.19	5.48	5.41	3.56	ppb
Zirconium	90-1	0.22	0.24	0.25	0.24	5.15	ppb
Zirconium	91-1	0.21	0.22	0.18	0.20	8.84	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-10	Instrumnet Name :	P8
Client Sample ID :	MH2513	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:25:07	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.91	28.55	26.73	27.40	3.66	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	65.87	ppb
Arsenic	75-2	0.01	-0.01	0.02	0.01	164.82	ppb
Barium	135-1	1.01	1.08	1.10	1.06	4.55	ppb
Barium	137-1	1.02	0.99	1.06	1.02	3.46	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	105.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	0.34	0.35	0.34	0.34	2.42	ppb
Boron	11-1	0.39	0.46	0.50	0.45	11.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	0.04	-0.23	-0.11		ppb
Cadmium	106-1	-1.07	1.03	-2.44	-0.82		ppb
Cadmium	108-1	0.82	0.72	0.89	0.81	10.69	ppb
Calcium	43-1	283.12	289.46	284.17	285.59	1.19	ppb
Calcium	44-1	282.60	279.00	277.06	279.55	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.90	3.02	2.93	2.95	2.08	ppb
Cobalt	59-2	0.09	0.06	0.08	0.08	19.86	ppb
Copper	63-2	0.73	0.64	0.68	0.68	5.99	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				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	86.11	95.64	78.65	86.80	9.81	ppb
Iron	56-2	83.56	86.42	83.28	84.42	2.06	ppb
Iron	57-2	77.53	98.22	93.57	89.77	12.09	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-10	Instrumnet Name :	P8
Client Sample ID :	MH2513	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:25:07	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.20	0.18	11.80	ppb
Lead	207-1	0.23	0.20	0.19	0.21	9.20	ppb
Lead	208-1	0.21	0.18	0.17	0.19	10.65	ppb
Lithium	6-1				105		%
Magnesium	24-2	18.92	23.01	21.06	21.00	9.75	ppb
Manganese	55-2	1.83	1.80	1.66	1.76	5.28	ppb
Molybdenum	94-1	0.04	0.06	0.04	0.05	18.60	ppb
Molybdenum	95-1	0.06	0.03	0.04	0.04	34.07	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	40.00	ppb
Molybdenum	97-1	0.02	0.04	0.02	0.03	27.72	ppb
Molybdenum	98-1	0.04	0.02	0.05	0.04	37.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.23	6.06	6.09	6.13	1.48	ppb
Phosphorus	31-2	23.46	-6.56	14.69	10.53	146.63	ppb
Potassium	39-2	16.48	11.09	24.77	17.44	39.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	0.02	-0.17	0.12	-0.01		ppb
Selenium	77-2	-0.43	2.11	-0.43	0.41	355.75	ppb
Selenium	78-2	-1.32	0.52	-1.06	-0.62		ppb
Silicon	28-1	26.03	26.21	28.88	27.04	5.90	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Sodium	23-2	20.29	23.04	20.84	21.39	6.79	ppb
Strontium	86-1	0.91	0.86	0.88	0.88	2.62	ppb
Strontium	88-1	1.01	0.99	0.91	0.97	5.61	ppb
Sulfur	34-1	-451.77	-541.22	-374.44	-455.81		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	-0.01	0.03	0.00	0.01	317.74	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-10	Instrumnet Name :	P8
Client Sample ID :	MH2513	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:25:07	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.18	1.10	1.12	1.13	3.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	30.98	ppb
Vanadium	51-2	0.11	0.07	0.06	0.08	38.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	1.02	0.99	0.70	0.90	19.29	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	412.32	ppb
Zirconium	91-1	-0.01	0.00	0.03	0.01	331.24	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-11	Instrumnet Name :	P8
Client Sample ID :	MH2514	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:28:20	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.42	3.46	2.12	2.67	26.31	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	47.19	ppb
Arsenic	75-2	-0.01	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.14	0.14	0.11	0.13	11.92	ppb
Barium	137-1	0.15	0.16	0.25	0.18	29.65	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	1.99	1.79	1.95	1.91	5.55	ppb
Boron	11-1	2.13	2.11	2.22	2.15	2.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.06	-0.22	-0.13		ppb
Cadmium	106-1	-0.71	-0.06	-2.20	-0.99		ppb
Cadmium	108-1	0.65	0.82	0.67	0.72	12.93	ppb
Calcium	43-1	60.64	60.48	54.20	58.44	6.28	ppb
Calcium	44-1	54.15	54.76	51.12	53.34	3.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.30	1.32	1.23	1.28	3.55	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.12	0.17	0.13	0.14	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				105		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	21.34	23.54	18.27	21.05	12.56	ppb
Iron	56-2	19.05	23.06	19.20	20.44	11.13	ppb
Iron	57-2	19.00	23.19	16.71	19.63	16.74	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-11	Instrumnet Name :	P8
Client Sample ID :	MH2514	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:28:20	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.04	-0.01	0.02	129.72	ppb
Lead	207-1	0.06	0.06	0.07	0.07	7.13	ppb
Lead	208-1	0.05	0.06	0.03	0.04	35.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.79	8.63	6.23	6.88	22.21	ppb
Manganese	55-2	0.30	0.44	0.39	0.38	19.23	ppb
Molybdenum	94-1	0.04	0.05	0.01	0.03	54.47	ppb
Molybdenum	95-1	0.03	0.05	0.03	0.04	29.62	ppb
Molybdenum	96-1	0.04	0.04	0.02	0.03	40.57	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	17.18	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	15.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	1.01	0.73	0.87	15.88	ppb
Phosphorus	31-2	-14.38	13.40	-3.41	-1.47		ppb
Potassium	39-2	5.52	62.66	3.12	23.77	141.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	0.09	-0.22	0.35	0.07	402.59	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-0.11	0.46	-0.55	-0.07		ppb
Silicon	28-1	-2.69	-1.12	-13.73	-5.85		ppb
Silver	107-1	-0.01	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	0.01	0.00	80.28	ppb
Sodium	23-2	31.65	48.74	33.87	38.09	24.39	ppb
Strontium	86-1	0.29	0.20	0.19	0.23	23.54	ppb
Strontium	88-1	0.30	0.30	0.31	0.30	1.50	ppb
Sulfur	34-1	-593.61	-649.41	-1045.80	-762.94		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.01	0.09	0.00	0.03	154.63	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-11	Instrumnet Name :	P8
Client Sample ID :	MH2514	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:28:20	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.25	0.18	0.20	19.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	83.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	1.05	1.86	1.56	1.49	27.61	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	120.57	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	30.71	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-12	Instrumnet Name :	P8
Client Sample ID :	MH2515	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:31:31	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.33	11.40	13.92	13.22	12.01	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	145.59	ppb
Arsenic	75-2	0.02	0.06	-0.01	0.02	142.40	ppb
Barium	135-1	0.58	0.60	0.57	0.58	2.00	ppb
Barium	137-1	0.53	0.49	0.62	0.55	12.21	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	1.66	1.65	1.84	1.72	6.08	ppb
Boron	11-1	1.94	1.89	1.97	1.94	2.03	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	-0.07	-0.28	-0.16		ppb
Cadmium	106-1	-0.85	-0.36	-3.15	-1.45		ppb
Cadmium	108-1	0.90	0.61	0.53	0.68	28.38	ppb
Calcium	43-1	132.26	130.71	121.44	128.14	4.57	ppb
Calcium	44-1	127.39	125.99	117.19	123.52	4.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.11	9.18	8.69	8.99	2.95	ppb
Cobalt	59-2	0.20	0.20	0.20	0.20	2.03	ppb
Copper	63-2	2.12	2.05	1.89	2.02	5.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	79.17	81.01	70.85	77.01	7.03	ppb
Iron	56-2	73.03	69.93	68.55	70.50	3.25	ppb
Iron	57-2	72.14	82.42	66.49	73.68	10.96	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-12	Instrumnet Name :	P8
Client Sample ID :	MH2515	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:31:31	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.40	0.36	0.33	0.36	8.96	ppb
Lead	207-1	0.41	0.46	0.40	0.42	7.92	ppb
Lead	208-1	0.41	0.39	0.36	0.39	6.60	ppb
Lithium	6-1				106		%
Magnesium	24-2	14.95	14.08	14.50	14.51	2.98	ppb
Manganese	55-2	1.34	1.61	1.43	1.46	9.28	ppb
Molybdenum	94-1	0.08	0.07	0.11	0.09	21.13	ppb
Molybdenum	95-1	0.11	0.11	0.13	0.12	7.16	ppb
Molybdenum	96-1	0.09	0.09	0.05	0.07	31.36	ppb
Molybdenum	97-1	0.10	0.09	0.15	0.11	28.38	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.81	6.78	6.52	6.70	2.36	ppb
Phosphorus	31-2	3.18	3.41	6.36	4.31	41.06	ppb
Potassium	39-2	15.51	16.48	20.49	17.50	15.07	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.08	0.30	-0.01	0.12	129.98	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-0.89	-0.24	-0.05	-0.40		ppb
Silicon	28-1	5.30	3.36	-0.69	2.66	115.20	ppb
Silver	107-1	0.00	0.00	-0.01	-0.01		ppb
Silver	109-1	-0.01	0.00	0.00	-0.01		ppb
Sodium	23-2	43.27	38.47	39.78	40.51	6.12	ppb
Strontium	86-1	0.80	0.41	0.65	0.62	31.54	ppb
Strontium	88-1	0.63	0.61	0.53	0.59	8.89	ppb
Sulfur	34-1	-441.58	-557.29	-962.36	-653.74		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	-0.01	0.01	0.02	0.01	260.17	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-12	Instrumnet Name :	P8
Client Sample ID :	MH2515	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:31:31	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.65	0.35	0.82	0.61	39.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	133.85	ppb
Vanadium	51-2	0.10	0.05	0.04	0.06	49.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	3.04	3.02	3.31	3.12	5.30	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	359.99	ppb
Zirconium	91-1	0.01	0.04	-0.01	0.01	184.63	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:38:56	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48632.61	48191.90	46608.10	47810.87	2.23	ppb
Antimony	121-1	508.50	517.54	525.01	517.02	1.60	ppb
Arsenic	75-2	512.33	512.41	499.06	507.93	1.51	ppb
Barium	135-1	2646.98	2607.44	2640.00	2631.47	0.80	ppb
Barium	137-1	2662.40	2610.21	2545.79	2606.13	2.24	ppb
Beryllium	9-1	527.37	531.79	514.44	524.54	1.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	503.97	512.76	508.85	508.53	0.87	ppb
Boron	11-1	526.98	550.69	545.97	541.21	2.32	ppb
Bromine	81-1						cps
Cadmium	111-1	521.16	526.52	524.41	524.03	0.52	ppb
Cadmium	106-1	509.95	531.92	540.27	527.38	2.97	ppb
Cadmium	108-1	514.23	526.35	517.44	519.34	1.21	ppb
Calcium	43-1	251008.34	236683.91	238193.51	241961.92	3.25	ppb
Calcium	44-1	246519.84	233835.71	232026.43	237460.66	3.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	534.02	515.67	510.32	520.00	2.39	ppb
Cobalt	59-2	510.29	501.76	500.21	504.09	1.08	ppb
Copper	63-2	5355.35	5253.68	5216.46	5275.16	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	123313.32	120909.94	120484.85	121569.37	1.25	ppb
Iron	56-2	118686.83	118525.87	115586.27	117599.66	1.48	ppb
Iron	57-2	122088.96	122616.80	120909.41	121871.72	0.72	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:38:56	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2690.25	2691.14	2671.35	2684.25	0.42	ppb
Lead	207-1	2676.04	2703.68	2707.19	2695.64	0.63	ppb
Lead	208-1	2690.21	2710.83	2633.23	2678.09	1.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	243798.35	237969.73	229129.74	236965.94	3.12	ppb
Manganese	55-2	5382.20	5304.07	5161.48	5282.58	2.12	ppb
Molybdenum	94-1	5243.96	5231.50	5160.85	5212.10	0.86	ppb
Molybdenum	95-1	5211.77	5272.47	5155.89	5213.38	1.12	ppb
Molybdenum	96-1	5184.40	5188.50	5196.48	5189.79	0.12	ppb
Molybdenum	97-1	5378.80	5219.00	5170.77	5256.19	2.07	ppb
Molybdenum	98-1	5357.77	5258.87	4982.67	5199.77	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.86	536.20	526.81	536.96	1.96	ppb
Phosphorus	31-2	10344.35	10053.98	9995.71	10131.35	1.84	ppb
Potassium	39-2	119155.33	116790.42	114032.82	116659.52	2.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	518.42	528.05	499.79	515.42	2.79	ppb
Selenium	77-2	513.61	546.31	496.52	518.81	4.88	ppb
Selenium	78-2	527.14	530.54	521.98	526.55	0.82	ppb
Silicon	28-1	416.04	416.29	407.75	413.36	1.18	ppb
Silver	107-1	514.48	532.26	534.63	527.12	2.09	ppb
Silver	109-1	530.80	536.15	539.64	535.53	0.83	ppb
Sodium	23-2	238144.07	233468.77	229790.52	233801.12	1.79	ppb
Strontium	86-1	13052.38	13187.67	12671.14	12970.40	2.07	ppb
Strontium	88-1	13132.99	13420.63	12760.10	13104.57	2.53	ppb
Sulfur	34-1	12065.77	11699.44	11329.73	11698.31	3.15	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	543.07	549.89	533.48	542.15	1.52	ppb
Thallium	205-1	542.56	556.86	543.40	547.61	1.47	ppb
Tin	118-1	528.72	517.98	513.79	520.16	1.48	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:38:56	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5246.04	5109.90	5215.65	5190.53	1.38	ppb
Uranium	238-1	557.77	556.00	538.31	550.69	1.95	ppb
Vanadium	51-2	538.93	526.32	511.38	525.54	2.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	5129.33	5005.02	4972.55	5035.63	1.64	ppb
Zirconium	90-1	538.65	530.28	527.03	531.98	1.13	ppb
Zirconium	91-1	527.92	534.46	518.90	527.09	1.48	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:45:28	DataFile Name :	050LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.92	35.31	33.33	33.52	5.08	ppb
Antimony	121-1	2.39	2.30	2.35	2.35	2.03	ppb
Arsenic	75-2	1.04	0.99	1.27	1.10	13.39	ppb
Barium	135-1	11.08	10.24	10.75	10.69	3.95	ppb
Barium	137-1	10.87	10.63	10.22	10.57	3.07	ppb
Beryllium	9-1	1.42	1.40	1.41	1.41	0.65	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	34.59	35.93	35.69	35.40	2.02	ppb
Boron	11-1	37.75	38.37	38.23	38.11	0.84	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	1.02	0.99	1.02	2.80	ppb
Cadmium	106-1	-2.18	-1.61	-2.73	-2.17		ppb
Cadmium	108-1	1.57	1.91	1.79	1.76	9.75	ppb
Calcium	43-1	623.06	627.81	638.93	629.93	1.29	ppb
Calcium	44-1	627.83	621.29	633.91	627.68	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	2.09	2.02	2.00	4.44	ppb
Cobalt	59-2	1.02	0.96	0.96	0.98	3.58	ppb
Copper	63-2	2.24	2.30	2.22	2.25	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	60.55	58.94	51.90	57.13	8.05	ppb
Iron	56-2	56.30	56.34	54.67	55.77	1.71	ppb
Iron	57-2	56.26	60.89	62.15	59.77	5.19	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:45:28	DataFile Name :	050LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.05	2.15	2.06	2.09	2.69	ppb
Lead	207-1	1.99	2.05	2.02	2.02	1.36	ppb
Lead	208-1	2.04	2.09	2.08	2.07	1.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	511.42	506.08	508.48	508.66	0.53	ppb
Manganese	55-2	1.24	1.23	1.12	1.20	5.32	ppb
Molybdenum	94-1	8.40	8.84	8.39	8.55	3.01	ppb
Molybdenum	95-1	7.51	7.70	8.00	7.74	3.21	ppb
Molybdenum	96-1	7.74	7.63	7.65	7.67	0.76	ppb
Molybdenum	97-1	7.36	7.87	8.15	7.79	5.13	ppb
Molybdenum	98-1	7.79	7.57	7.76	7.71	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	1.13	0.89	0.96	15.88	ppb
Phosphorus	31-2	13.65	20.85	4.26	12.92	64.40	ppb
Potassium	39-2	488.48	480.89	473.84	481.07	1.52	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	4.97	5.83	6.26	5.68	11.60	ppb
Selenium	77-2	2.11	7.12	8.73	5.99	57.71	ppb
Selenium	78-2	6.04	2.92	2.34	3.77	52.86	ppb
Silicon	28-1	-14.43	-11.95	-5.85	-10.74		ppb
Silver	107-1	1.12	1.09	1.06	1.09	2.79	ppb
Silver	109-1	1.12	1.18	1.13	1.14	2.72	ppb
Sodium	23-2	528.17	526.38	520.16	524.90	0.80	ppb
Strontium	86-1	6.91	6.90	7.90	7.24	7.90	ppb
Strontium	88-1	7.03	7.30	7.53	7.28	3.44	ppb
Sulfur	34-1	-1550.46	-1634.30	-1194.33	-1459.70		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	1.24	1.31	1.19	1.25	4.90	ppb
Thallium	205-1	1.33	1.23	1.25	1.27	4.01	ppb
Tin	118-1	4.91	4.89	5.08	4.96	2.14	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:45:28	DataFile Name :	050LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.23	7.65	7.93	7.60	4.63	ppb
Uranium	238-1	1.19	1.18	1.09	1.15	5.14	ppb
Vanadium	51-2	4.78	4.73	4.74	4.75	0.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	2.70	3.16	2.68	2.84	9.59	ppb
Zirconium	90-1	1.18	1.21	1.16	1.18	2.00	ppb
Zirconium	91-1	1.19	1.33	1.11	1.21	9.10	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:48:48	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.90	1.90	1.88	2.23	26.08	ppb
Antimony	121-1	0.07	0.07	0.06	0.06	7.52	ppb
Arsenic	75-2	0.00	0.00	0.03	0.01	133.82	ppb
Barium	135-1	0.07	0.17	0.16	0.13	43.50	ppb
Barium	137-1	0.17	0.11	0.14	0.14	21.53	ppb
Beryllium	9-1	0.05	0.04	0.05	0.05	4.62	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	10.63	10.73	10.00	10.45	3.81	ppb
Boron	11-1	11.69	11.23	10.57	11.17	5.04	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	-0.06	-0.01	0.05	296.97	ppb
Cadmium	106-1	2.15	-1.03	0.21	0.44	360.27	ppb
Cadmium	108-1	0.24	0.50	0.47	0.40	36.22	ppb
Calcium	43-1	10.47	11.10	10.37	10.65	3.71	ppb
Calcium	44-1	6.07	5.45	3.99	5.17	20.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.10	0.02	0.05	92.41	ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	30.61	ppb
Copper	63-2	0.29	0.28	0.34	0.30	10.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	7.35	5.25	6.18	6.26	16.82	ppb
Iron	56-2	5.88	5.61	5.99	5.83	3.36	ppb
Iron	57-2	5.24	9.67	5.21	6.71	38.31	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:48:48	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.09	0.10	13.27	ppb
Lead	207-1	0.16	0.14	0.18	0.16	11.78	ppb
Lead	208-1	0.13	0.13	0.12	0.13	4.67	ppb
Lithium	6-1				102		%
Magnesium	24-2	10.11	9.89	12.68	10.89	14.25	ppb
Manganese	55-2	0.29	0.29	0.30	0.29	3.49	ppb
Molybdenum	94-1	0.33	0.34	0.27	0.31	12.20	ppb
Molybdenum	95-1	0.29	0.28	0.22	0.26	15.32	ppb
Molybdenum	96-1	0.30	0.24	0.26	0.26	11.13	ppb
Molybdenum	97-1	0.31	0.27	0.25	0.28	12.26	ppb
Molybdenum	98-1	0.24	0.33	0.23	0.27	19.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	20.42	20.67	-1.67	13.14	97.58	ppb
Potassium	39-2	19.87	10.07	9.77	13.24	43.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	-0.40	0.03	-0.34	-0.23		ppb
Selenium	77-2	-0.43	0.86	0.87	0.43	173.71	ppb
Selenium	78-2	-0.17	0.31	-0.58	-0.15		ppb
Silicon	28-1	-13.47	-9.04	-12.72	-11.74		ppb
Silver	107-1	0.06	0.07	0.04	0.06	31.40	ppb
Silver	109-1	0.08	0.06	0.06	0.06	18.59	ppb
Sodium	23-2	33.75	35.42	36.54	35.24	3.99	ppb
Strontium	86-1	0.44	0.54	0.63	0.54	18.05	ppb
Strontium	88-1	0.62	0.64	0.53	0.59	10.02	ppb
Sulfur	34-1	-1009.91	-996.69	-1290.19	-1098.93		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.20	ppb
Thallium	205-1	0.07	0.07	0.05	0.06	19.20	ppb
Tin	118-1	0.02	0.03	0.00	0.02	77.77	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:48:48	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.33	0.30	0.27	0.30	9.56	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.73	ppb
Vanadium	51-2	-0.01	0.04	0.01	0.01	168.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	0.28	0.38	0.47	0.38	25.62	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	34.63	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	25.65	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-13	Instrumnet Name :	P8
Client Sample ID :	MH2516	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:51:59	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.80	25.99	23.71	24.50	5.27	ppb
Antimony	121-1	0.04	0.05	0.06	0.05	20.40	ppb
Arsenic	75-2	0.07	0.04	0.08	0.06	33.36	ppb
Barium	135-1	0.94	0.82	0.80	0.85	8.69	ppb
Barium	137-1	0.91	1.02	0.74	0.89	16.01	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	3.60	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	8.19	8.30	7.51	8.00	5.34	ppb
Boron	11-1	8.42	8.68	8.19	8.43	2.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.01	-0.12	-0.02		ppb
Cadmium	106-1	0.70	0.32	-1.97	-0.32		ppb
Cadmium	108-1	0.50	0.60	0.28	0.46	35.66	ppb
Calcium	43-1	150.53	143.80	153.41	149.25	3.31	ppb
Calcium	44-1	149.35	141.80	146.49	145.88	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.31	0.33	0.37	20.21	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	7.92	ppb
Copper	63-2	0.51	0.45	0.51	0.49	7.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	74.68	73.19	78.11	75.33	3.35	ppb
Iron	56-2	71.14	70.84	68.27	70.08	2.25	ppb
Iron	57-2	61.65	72.42	72.78	68.95	9.18	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-13	Instrumnet Name :	P8
Client Sample ID :	MH2516	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:51:59	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.54	0.54	0.51	0.53	2.84	ppb
Lead	207-1	0.51	0.55	0.58	0.55	6.29	ppb
Lead	208-1	0.55	0.54	0.54	0.54	1.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	25.12	23.07	26.90	25.03	7.67	ppb
Manganese	55-2	1.58	1.54	1.60	1.57	1.94	ppb
Molybdenum	94-1	0.25	0.26	0.24	0.25	5.28	ppb
Molybdenum	95-1	0.30	0.22	0.28	0.26	14.96	ppb
Molybdenum	96-1	0.22	0.25	0.24	0.24	4.71	ppb
Molybdenum	97-1	0.27	0.22	0.29	0.26	13.94	ppb
Molybdenum	98-1	0.29	0.24	0.26	0.27	10.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.95	0.72	0.94	22.73	ppb
Phosphorus	31-2	-13.43	14.09	3.93	1.53	911.99	ppb
Potassium	39-2	13.79	22.86	21.98	19.54	25.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	-0.03	0.18	-0.04	0.04	356.28	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	0.38	-0.38	-0.30	-0.10		ppb
Silicon	28-1	20.24	22.22	27.56	23.34	16.21	ppb
Silver	107-1	0.06	0.06	0.03	0.05	30.39	ppb
Silver	109-1	0.05	0.04	0.05	0.04	15.50	ppb
Sodium	23-2	61.63	57.28	52.79	57.23	7.72	ppb
Strontium	86-1	1.14	0.84	1.27	1.08	20.28	ppb
Strontium	88-1	1.10	1.04	1.20	1.12	7.32	ppb
Sulfur	34-1	-1438.92	-1624.88	-1140.59	-1401.46		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.03	0.04	25.34	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	17.19	ppb
Tin	118-1	0.05	0.01	0.03	0.03	57.21	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-13	Instrumnet Name :	P8
Client Sample ID :	MH2516	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:51:59	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.44	1.39	1.55	1.46	5.66	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	20.81	ppb
Vanadium	51-2	0.10	0.07	0.07	0.08	21.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	5.16	4.96	4.86	4.99	3.12	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	26.78	ppb
Zirconium	91-1	0.04	0.03	0.04	0.03	24.93	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-14	Instrumnet Name :	P8
Client Sample ID :	MH2517	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:55:11	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.78	6.48	6.84	6.70	2.88	ppb
Antimony	121-1	0.02	0.04	0.06	0.04	48.40	ppb
Arsenic	75-2	0.04	0.07	-0.01	0.03	110.58	ppb
Barium	135-1	0.31	0.47	0.35	0.38	21.74	ppb
Barium	137-1	0.38	0.34	0.34	0.36	6.29	ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	15.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	6.03	5.37	5.90	5.77	6.11	ppb
Boron	11-1	6.28	6.02	6.42	6.24	3.22	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	-0.16	-0.09	-0.04		ppb
Cadmium	106-1	1.66	-1.58	-0.82	-0.24		ppb
Cadmium	108-1	0.43	0.88	0.94	0.75	37.38	ppb
Calcium	43-1	104.71	112.53	102.77	106.67	4.85	ppb
Calcium	44-1	99.99	103.81	98.88	100.90	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.90	2.76	2.65	2.77	4.55	ppb
Cobalt	59-2	0.09	0.08	0.08	0.09	5.84	ppb
Copper	63-2	1.00	0.99	0.92	0.97	4.62	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				102		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	40.07	46.86	36.37	41.10	12.95	ppb
Iron	56-2	36.16	36.12	35.93	36.07	0.34	ppb
Iron	57-2	36.97	36.11	33.64	35.57	4.86	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-14	Instrumnet Name :	P8
Client Sample ID :	MH2517	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:55:11	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.33	0.27	0.24	0.28	16.10	ppb
Lead	207-1	0.28	0.34	0.30	0.31	10.45	ppb
Lead	208-1	0.28	0.31	0.28	0.29	6.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	12.46	14.26	14.23	13.65	7.56	ppb
Manganese	55-2	1.07	0.90	1.18	1.05	13.34	ppb
Molybdenum	94-1	0.19	0.27	0.29	0.25	20.32	ppb
Molybdenum	95-1	0.20	0.26	0.29	0.25	17.69	ppb
Molybdenum	96-1	0.23	0.25	0.25	0.24	6.35	ppb
Molybdenum	97-1	0.21	0.21	0.28	0.23	17.34	ppb
Molybdenum	98-1	0.20	0.25	0.26	0.24	13.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.68	61.44	61.80	62.31	1.94	ppb
Phosphorus	31-2	35.96	3.92	4.12	14.67	125.69	ppb
Potassium	39-2	24.17	8.59	4.46	12.41	83.79	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	-0.05	0.23	-0.15	0.01	1543.14	ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-1.29	-1.19	-0.83	-1.10		ppb
Silicon	28-1	-10.48	-7.69	-9.26	-9.14		ppb
Silver	107-1	0.01	-0.01	0.03	0.01	258.18	ppb
Silver	109-1	0.01	0.00	0.02	0.01	147.13	ppb
Sodium	23-2	49.73	48.50	52.65	50.30	4.24	ppb
Strontium	86-1	0.75	0.74	1.01	0.84	18.17	ppb
Strontium	88-1	0.75	0.88	1.04	0.89	16.48	ppb
Sulfur	34-1	-1289.96	-1493.07	-1367.70	-1383.58		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.02	0.03	0.03	38.08	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	10.93	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-14	Instrumnet Name :	P8
Client Sample ID :	MH2517	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:55:11	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.43	0.46	0.53	0.47	10.95	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	19.90	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	41.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				100		%
Zinc	66-2	2.18	2.98	2.42	2.53	16.11	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	53.32	ppb
Zirconium	91-1	0.01	0.00	0.05	0.02	130.47	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-15	Instrumnet Name :	P8
Client Sample ID :	MH2518	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:58:22	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.39	6.60	5.90	6.30	5.73	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	24.35	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	0.37	0.31	0.41	0.36	14.95	ppb
Barium	137-1	0.40	0.35	0.39	0.38	6.94	ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	34.62	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	4.29	4.49	4.63	4.47	3.82	ppb
Boron	11-1	5.23	4.92	5.13	5.09	3.09	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.07	0.01	-0.08		ppb
Cadmium	106-1	-1.96	-0.63	0.44	-0.71		ppb
Cadmium	108-1	0.70	0.80	0.54	0.68	19.09	ppb
Calcium	43-1	81.10	81.95	68.76	77.27	9.55	ppb
Calcium	44-1	74.74	67.71	63.39	68.62	8.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.08	0.93	1.00	1.01	7.36	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	15.15	ppb
Copper	63-2	0.42	0.38	0.29	0.36	17.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	40.73	42.28	37.49	40.17	6.08	ppb
Iron	56-2	37.94	37.73	36.08	37.25	2.73	ppb
Iron	57-2	44.42	40.41	38.69	41.17	7.15	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-15	Instrumnet Name :	P8
Client Sample ID :	MH2518	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:58:22	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.09	0.10	0.12	30.38	ppb
Lead	207-1	0.20	0.17	0.19	0.19	7.63	ppb
Lead	208-1	0.16	0.15	0.14	0.15	8.01	ppb
Lithium	6-1				100		%
Magnesium	24-2	13.08	10.64	11.02	11.58	11.35	ppb
Manganese	55-2	0.75	0.87	0.72	0.78	9.77	ppb
Molybdenum	94-1	0.10	0.15	0.21	0.15	35.48	ppb
Molybdenum	95-1	0.13	0.11	0.12	0.12	9.44	ppb
Molybdenum	96-1	0.17	0.11	0.13	0.14	23.81	ppb
Molybdenum	97-1	0.09	0.15	0.08	0.11	37.46	ppb
Molybdenum	98-1	0.13	0.15	0.12	0.13	10.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.73	2.32	2.50	8.49	ppb
Phosphorus	31-2	0.50	0.46	21.95	7.64	162.33	ppb
Potassium	39-2	4.82	15.16	8.01	9.33	56.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	-0.12	-0.02	0.01	-0.05		ppb
Selenium	77-2	-0.43	-0.43	-0.43	-0.43		ppb
Selenium	78-2	-2.15	-2.18	-1.08	-1.80		ppb
Silicon	28-1	-4.67	-4.97	-13.06	-7.57		ppb
Silver	107-1	0.01	0.02	-0.01	0.01	223.37	ppb
Silver	109-1	0.00	0.02	0.02	0.01	93.00	ppb
Sodium	23-2	47.57	38.75	44.78	43.70	10.32	ppb
Strontium	86-1	0.51	0.52	0.38	0.47	16.51	ppb
Strontium	88-1	0.56	0.57	0.51	0.55	5.40	ppb
Sulfur	34-1	-1083.48	-1367.07	-1809.16	-1419.90		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.00	0.02	0.01	115.47	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.42	ppb
Tin	118-1	0.00	0.04	0.01	0.02	114.24	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-15	Instrumnet Name :	P8
Client Sample ID :	MH2518	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:58:22	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.56	0.33	0.32	0.40	33.72	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	48.08	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	0.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	1.12	1.12	1.37	1.20	12.07	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	129.11	ppb
Zirconium	91-1	0.02	0.07	0.02	0.03	91.12	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1325-02DLX2	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	2
Date & Time Acquired :	2023-02-07 11:01:35	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5599.46	5475.56	5461.80	5512.27	1.38	ppb
Antimony	121-1	0.04	0.03	0.06	0.04	34.55	ppb
Arsenic	75-2	0.66	0.69	0.61	0.65	5.81	ppb
Barium	135-1	20.96	20.43	19.89	20.43	2.62	ppb
Barium	137-1	20.86	21.41	20.02	20.76	3.37	ppb
Beryllium	9-1	0.17	0.13	0.15	0.15	15.85	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	297.80	293.90	308.78	300.16	2.57	ppb
Boron	11-1	324.59	328.15	334.31	329.02	1.50	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.01	-0.03	0.03	231.68	ppb
Cadmium	106-1	0.80	0.05	-1.14	-0.10		ppb
Cadmium	108-1	0.97	0.78	0.59	0.78	23.86	ppb
Calcium	43-1	41125.87	40501.04	40321.53	40649.48	1.04	ppb
Calcium	44-1	40566.04	40030.65	39396.28	39997.66	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.19	1.87	2.04	7.94	ppb
Cobalt	59-2	13.43	13.26	12.97	13.22	1.76	ppb
Copper	63-2	24.30	24.19	24.17	24.22	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	31542.93	29393.19	29763.04	30233.05	3.80	ppb
Iron	56-2	29547.35	29282.87	28896.47	29242.23	1.12	ppb
Iron	57-2	29357.88	28782.35	28418.93	28853.05	1.64	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1325-02DLX2	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	2
Date & Time Acquired :	2023-02-07 11:01:35	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.27	0.24	0.23	0.24	9.43	ppb
Lead	207-1	0.31	0.25	0.26	0.28	12.28	ppb
Lead	208-1	0.31	0.25	0.23	0.26	16.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	6248.99	5993.80	6125.09	6122.63	2.08	ppb
Manganese	55-2	759.37	751.25	740.42	750.35	1.27	ppb
Molybdenum	94-1	0.58	0.28	0.27	0.38	46.39	ppb
Molybdenum	95-1	0.27	0.16	0.13	0.19	39.81	ppb
Molybdenum	96-1	0.68	0.51	0.47	0.55	20.56	ppb
Molybdenum	97-1	0.23	0.12	0.14	0.16	35.46	ppb
Molybdenum	98-1	0.20	0.15	0.09	0.15	35.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.29	6.96	7.04	7.10	2.39	ppb
Phosphorus	31-2	177.15	150.50	151.49	159.71	9.46	ppb
Potassium	39-2	388.11	372.52	375.85	378.83	2.17	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	-0.25	0.43	0.57	0.25	176.18	ppb
Selenium	77-2	4.45	3.27	4.46	4.06	16.88	ppb
Selenium	78-2	1.46	-0.22	-0.70	0.18	621.68	ppb
Silicon	28-1	4526.64	4505.59	4396.29	4476.17	1.56	ppb
Silver	107-1	0.01	0.01	-0.01	0.00	353.53	ppb
Silver	109-1	0.02	0.00	-0.01	0.00	472.61	ppb
Sodium	23-2	8656.29	8458.62	8754.57	8623.16	1.75	ppb
Strontium	86-1	90.56	92.15	89.16	90.62	1.65	ppb
Strontium	88-1	92.35	92.37	89.83	91.52	1.60	ppb
Sulfur	34-1	55605.44	55969.17	53887.20	55153.94	2.02	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.02	0.02	0.01	38.20	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	34.42	ppb
Tin	118-1	0.06	0.04	0.05	0.05	12.05	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1325-02DLX2	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	2
Date & Time Acquired :	2023-02-07 11:01:35	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.82	0.92	0.94	0.89	7.04	ppb
Uranium	238-1	0.73	0.68	0.65	0.69	5.68	ppb
Vanadium	51-2	33.67	32.48	31.67	32.61	3.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	142.61	133.51	137.93	138.02	3.30	ppb
Zirconium	90-1	0.15	0.11	0.11	0.12	22.13	ppb
Zirconium	91-1	0.20	0.14	0.16	0.17	17.55	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BL	Instrumnet Name :	P8
Client Sample ID :	PB150693BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:04:42	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.85	0.54	0.63	31.01	ppb
Antimony	121-1	0.06	0.03	0.01	0.03	77.84	ppb
Arsenic	75-2	0.01	-0.02	-0.01	0.00		ppb
Barium	135-1	0.35	0.07	0.01	0.14	126.06	ppb
Barium	137-1	0.38	0.04	0.01	0.14	144.40	ppb
Beryllium	9-1	0.09	0.03	0.00	0.04	108.57	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	22.74	20.99	17.74	20.49	12.37	ppb
Boron	11-1	25.90	22.86	19.35	22.70	14.43	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.13	-0.07	-0.07		ppb
Cadmium	106-1	-0.75	-1.35	-0.42	-0.84		ppb
Cadmium	108-1	0.91	0.39	0.33	0.54	59.14	ppb
Calcium	43-1	69.27	19.62	4.09	30.99	109.86	ppb
Calcium	44-1	62.58	12.17	-9.03	21.91	167.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.11	0.05	108.69	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.00	0.03	0.01	150.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	6.37	2.91	9.05	6.11	50.37	ppb
Iron	56-2	7.45	6.04	6.14	6.55	12.03	ppb
Iron	57-2	9.03	5.30	9.92	8.09	30.31	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BL	Instrumnet Name :	P8
Client Sample ID :	PB150693BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:04:42	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.35	0.03	-0.03	0.12	170.48	ppb
Lead	207-1	0.34	0.08	0.02	0.15	115.34	ppb
Lead	208-1	0.38	0.04	0.00	0.14	148.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	3.89	3.10	2.45	3.15	22.87	ppb
Manganese	55-2	0.25	0.17	0.19	0.20	20.44	ppb
Molybdenum	94-1	0.85	0.11	0.08	0.35	126.03	ppb
Molybdenum	95-1	0.60	0.11	0.03	0.25	123.65	ppb
Molybdenum	96-1	0.75	0.07	0.05	0.29	139.24	ppb
Molybdenum	97-1	0.70	0.14	0.04	0.29	121.89	ppb
Molybdenum	98-1	0.72	0.09	0.05	0.29	131.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	-0.01	0.01	144.78	ppb
Phosphorus	31-2	11.29	7.68	-17.46	0.50	3121.45	ppb
Potassium	39-2	6.43	2.83	0.62	3.29	89.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				101		%
Selenium	82-1	-0.25	-0.15	-0.09	-0.16		ppb
Selenium	77-2	0.81	-0.43	0.86	0.41	178.19	ppb
Selenium	78-2	-2.48	-0.59	-1.43	-1.50		ppb
Silicon	28-1	-21.08	-15.21	-40.87	-25.72		ppb
Silver	107-1	0.08	0.01	0.02	0.03	102.91	ppb
Silver	109-1	0.06	0.03	0.01	0.03	75.24	ppb
Sodium	23-2	8.76	8.07	7.46	8.10	8.08	ppb
Strontium	86-1	1.98	0.02	-0.04	0.65	175.87	ppb
Strontium	88-1	1.91	0.23	0.09	0.74	136.20	ppb
Sulfur	34-1	-2045.45	-1764.75	-3320.23	-2376.81		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.00	0.02	0.03	117.02	ppb
Thallium	205-1	0.10	0.00	0.01	0.04	148.89	ppb
Tin	118-1	0.04	0.01	-0.01	0.01	214.62	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BL	Instrumnet Name :	P8
Client Sample ID :	PB150693BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:04:42	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.72	0.10	0.07	0.30	124.31	ppb
Uranium	238-1	0.07	0.01	0.00	0.02	144.56	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				103		%
Zinc	66-2	-0.09	0.06	0.03	0.00		ppb
Zirconium	90-1	0.07	0.00	0.01	0.02	158.92	ppb
Zirconium	91-1	0.11	0.06	0.03	0.06	60.91	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BS	Instrumnet Name :	P8
Client Sample ID :	PB150693BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:07:55	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.83	42.05	39.61	40.16	4.18	ppb
Antimony	121-1	3.91	4.11	3.70	3.90	5.24	ppb
Arsenic	75-2	1.82	2.06	1.96	1.94	6.27	ppb
Barium	135-1	18.56	19.41	17.76	18.58	4.42	ppb
Barium	137-1	18.91	20.04	18.74	19.23	3.69	ppb
Beryllium	9-1	1.99	1.92	2.08	2.00	4.05	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	50.85	52.58	52.56	52.00	1.92	ppb
Boron	11-1	55.59	57.22	57.62	56.81	1.89	ppb
Bromine	81-1						cps
Cadmium	111-1	1.84	2.32	1.87	2.01	13.53	ppb
Cadmium	106-1	0.55	4.86	-0.31	1.70	163.02	ppb
Cadmium	108-1	2.54	2.25	2.01	2.26	11.68	ppb
Calcium	43-1	1011.84	980.79	964.72	985.78	2.43	ppb
Calcium	44-1	1014.07	979.44	976.86	990.12	2.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.21	4.19	4.13	4.17	0.97	ppb
Cobalt	59-2	1.98	1.98	1.92	1.96	1.90	ppb
Copper	63-2	3.90	3.87	3.97	3.91	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	415.29	416.47	390.39	407.38	3.61	ppb
Iron	56-2	402.13	402.71	388.76	397.87	1.98	ppb
Iron	57-2	392.91	407.52	371.15	390.53	4.69	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BS	Instrumnet Name :	P8
Client Sample ID :	PB150693BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:07:55	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.80	1.70	1.68	1.73	3.86	ppb
Lead	207-1	1.79	1.82	1.81	1.81	0.96	ppb
Lead	208-1	1.78	1.75	1.77	1.77	0.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	973.27	996.09	948.18	972.51	2.46	ppb
Manganese	55-2	2.29	2.33	2.06	2.23	6.46	ppb
Molybdenum	94-1	5.47	5.95	5.72	5.72	4.24	ppb
Molybdenum	95-1	2.41	2.52	2.32	2.42	4.16	ppb
Molybdenum	96-1	2.77	2.85	2.73	2.78	2.23	ppb
Molybdenum	97-1	2.25	2.35	2.28	2.29	2.40	ppb
Molybdenum	98-1	2.35	2.31	2.33	2.33	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.08	2.34	2.22	5.85	ppb
Phosphorus	31-2	34.26	22.86	6.61	21.24	65.41	ppb
Potassium	39-2	962.17	962.84	981.60	968.87	1.14	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	82-1	10.70	10.08	10.10	10.29	3.46	ppb
Selenium	77-2	7.28	12.54	5.83	8.55	41.28	ppb
Selenium	78-2	9.60	11.24	9.54	10.13	9.52	ppb
Silicon	28-1	-6.75	-8.25	-9.56	-8.18		ppb
Silver	107-1	2.04	2.13	1.90	2.02	5.76	ppb
Silver	109-1	1.92	2.12	1.98	2.01	5.08	ppb
Sodium	23-2	980.35	994.60	962.68	979.21	1.63	ppb
Strontium	86-1	1.90	2.33	1.84	2.02	13.19	ppb
Strontium	88-1	2.18	2.09	2.09	2.12	2.50	ppb
Sulfur	34-1	-1912.69	-1991.68	-1735.46	-1879.94		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	1.88	1.89	1.81	1.86	2.32	ppb
Thallium	205-1	1.86	1.87	1.97	1.90	3.13	ppb
Tin	118-1	0.10	0.13	0.11	0.11	17.42	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BS	Instrumnet Name :	P8
Client Sample ID :	PB150693BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:07:55	DataFile Name :	057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.04	9.62	10.26	9.97	3.27	ppb
Uranium	238-1	1.64	1.79	1.81	1.75	5.22	ppb
Vanadium	51-2	9.58	9.82	9.04	9.48	4.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	10.23	9.89	10.73	10.28	4.11	ppb
Zirconium	90-1	2.00	2.04	1.82	1.95	5.97	ppb
Zirconium	91-1	2.02	2.17	1.78	1.99	9.92	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BL	Instrumnet Name :	P8
Client Sample ID :	PB150692BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:11:06	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	1.26	-0.07	0.31	271.19	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	96.27	ppb
Arsenic	75-2	-0.01	0.00	-0.02	-0.01		ppb
Barium	135-1	0.03	0.01	0.02	0.02	56.75	ppb
Barium	137-1	0.04	0.00	0.00	0.01	178.53	ppb
Beryllium	9-1	0.02	0.01	0.02	0.01	51.06	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	9.68	9.58	8.59	9.29	6.50	ppb
Boron	11-1	10.64	10.10	9.37	10.04	6.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.18	-0.02	-0.01	-0.07		ppb
Cadmium	106-1	-1.98	0.03	0.08	-0.63		ppb
Cadmium	108-1	0.33	0.38	0.18	0.30	35.36	ppb
Calcium	43-1	-0.15	-1.72	-1.24	-1.04		ppb
Calcium	44-1	-7.76	-8.64	-7.90	-8.10		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.02	0.07	0.02	244.56	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	107.08	ppb
Copper	63-2	-0.05	0.09	-0.04	0.00	2732.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	0.65	6.84	1.59	3.03	110.16	ppb
Iron	56-2	1.55	6.50	1.71	3.25	86.52	ppb
Iron	57-2	-0.67	7.03	1.24	2.53	158.44	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BL	Instrumnet Name :	P8
Client Sample ID :	PB150692BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:11:06	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.04	0.00	-0.02		ppb
Lead	207-1	0.03	0.00	0.00	0.01	143.07	ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.86	5.39	2.10	2.78	83.91	ppb
Manganese	55-2	0.06	0.26	0.04	0.12	102.57	ppb
Molybdenum	94-1	0.09	0.02	0.03	0.05	81.41	ppb
Molybdenum	95-1	0.01	0.03	0.04	0.03	63.28	ppb
Molybdenum	96-1	0.07	0.05	0.01	0.04	76.07	ppb
Molybdenum	97-1	0.06	0.00	-0.01	0.02	201.88	ppb
Molybdenum	98-1	0.04	0.01	0.01	0.02	67.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.04	-0.01		ppb
Phosphorus	31-2	-0.22	-13.94	7.22	-2.31		ppb
Potassium	39-2	6.10	3.49	11.40	7.00	57.57	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	-0.49	-0.23	-0.18	-0.30		ppb
Selenium	77-2	-0.43	0.84	0.85	0.42	176.80	ppb
Selenium	78-2	-0.15	-1.06	-0.99	-0.74		ppb
Silicon	28-1	-20.73	-24.94	-16.47	-20.71		ppb
Silver	107-1	0.02	0.04	0.01	0.02	67.04	ppb
Silver	109-1	0.03	0.01	0.03	0.03	47.99	ppb
Sodium	23-2	6.45	9.32	3.78	6.52	42.49	ppb
Strontium	86-1	0.08	0.13	0.06	0.09	44.33	ppb
Strontium	88-1	0.07	0.05	0.05	0.06	23.19	ppb
Sulfur	34-1	-1610.70	-1687.12	-1478.37	-1592.06		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.01	0.01	41.88	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	48.55	ppb
Tin	118-1	-0.05	-0.01	-0.02	-0.03		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BL	Instrumnet Name :	P8
Client Sample ID :	PB150692BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:11:06	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.05	0.05	0.07	36.36	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	322.89	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	0.01	-0.04	-0.12	-0.05		ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	154.13	ppb
Zirconium	91-1	0.03	0.01	0.04	0.03	55.49	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BS	Instrumnet Name :	P8
Client Sample ID :	PB150692BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:14:19	DataFile Name :	059LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.63	42.94	38.80	41.45	5.56	ppb
Antimony	121-1	3.99	3.82	3.94	3.92	2.18	ppb
Arsenic	75-2	2.02	2.01	1.72	1.92	9.00	ppb
Barium	135-1	18.91	19.12	18.14	18.72	2.75	ppb
Barium	137-1	18.77	19.18	18.30	18.75	2.35	ppb
Beryllium	9-1	2.00	1.99	1.96	1.98	0.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Boron	10-1	47.17	48.47	49.05	48.23	2.00	ppb
Boron	11-1	51.20	53.46	52.25	52.31	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	2.27	1.93	1.98	2.06	9.01	ppb
Cadmium	106-1	3.67	0.28	0.03	1.33	153.69	ppb
Cadmium	108-1	2.10	2.41	2.08	2.20	8.31	ppb
Calcium	43-1	993.47	1018.32	966.39	992.72	2.62	ppb
Calcium	44-1	1007.47	1008.97	957.70	991.38	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.22	4.10	3.90	4.07	3.99	ppb
Cobalt	59-2	2.05	1.81	1.83	1.90	7.28	ppb
Copper	63-2	3.73	4.01	3.67	3.80	4.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	410.94	385.71	358.16	384.94	6.86	ppb
Iron	56-2	400.60	389.83	355.77	382.07	6.13	ppb
Iron	57-2	397.90	393.18	366.94	386.01	4.32	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BS	Instrumnet Name :	P8
Client Sample ID :	PB150692BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:14:19	DataFile Name :	059LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.65	1.63	1.69	1.66	1.80	ppb
Lead	207-1	1.83	1.81	1.69	1.78	4.34	ppb
Lead	208-1	1.75	1.75	1.71	1.74	1.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	1006.00	935.10	887.35	942.81	6.33	ppb
Manganese	55-2	2.04	1.95	1.88	1.96	3.93	ppb
Molybdenum	94-1	5.60	5.69	5.38	5.56	2.88	ppb
Molybdenum	95-1	2.49	2.35	2.38	2.41	3.03	ppb
Molybdenum	96-1	2.70	2.69	2.77	2.72	1.51	ppb
Molybdenum	97-1	2.39	2.41	2.05	2.29	8.90	ppb
Molybdenum	98-1	2.25	2.26	2.20	2.24	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.38	2.00	2.20	8.66	ppb
Phosphorus	31-2	34.86	10.36	-9.96	11.75	190.97	ppb
Potassium	39-2	983.79	969.61	872.75	942.05	6.42	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	10.25	10.07	10.36	10.23	1.41	ppb
Selenium	77-2	17.46	9.75	11.44	12.89	31.46	ppb
Selenium	78-2	8.27	9.68	8.53	8.83	8.53	ppb
Silicon	28-1	-6.86	-10.00	-6.26	-7.71		ppb
Silver	107-1	1.97	2.01	1.96	1.98	1.33	ppb
Silver	109-1	2.09	1.95	1.95	2.00	3.95	ppb
Sodium	23-2	987.51	956.65	872.48	938.88	6.34	ppb
Strontium	86-1	1.96	2.18	2.04	2.06	5.54	ppb
Strontium	88-1	2.10	2.13	2.08	2.10	1.21	ppb
Sulfur	34-1	-1478.65	-1466.69	-1640.52	-1528.62		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	1.83	2.01	1.77	1.87	6.52	ppb
Thallium	205-1	1.80	1.89	1.85	1.85	2.50	ppb
Tin	118-1	0.13	0.11	0.18	0.14	25.09	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BS	Instrumnet Name :	P8
Client Sample ID :	PB150692BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:14:19	DataFile Name :	059LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.51	9.12	9.67	9.77	7.15	ppb
Uranium	238-1	1.81	1.76	1.76	1.78	1.64	ppb
Vanadium	51-2	9.30	9.70	8.37	9.12	7.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	12.09	10.65	9.94	10.89	10.03	ppb
Zirconium	90-1	1.99	2.00	1.99	1.99	0.34	ppb
Zirconium	91-1	2.08	2.14	1.99	2.07	3.48	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01	Instrumnet Name :	P8
Client Sample ID :	MH24F5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:17:29	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55819.78	54801.36	53889.54	54836.89	1.76	ppb
Antimony	121-1	24.27	23.06	21.91	23.08	5.12	ppb
Arsenic	75-2	52.19	51.87	51.04	51.70	1.14	ppb
Barium	135-1	1156.22	1106.43	1062.66	1108.43	4.22	ppb
Barium	137-1	1163.42	1096.08	1041.52	1100.34	5.55	ppb
Beryllium	9-1	8.91	8.27	8.25	8.47	4.40	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	243.38	240.49	241.42	241.76	0.61	ppb
Boron	11-1	268.59	261.62	268.46	266.22	1.50	ppb
Bromine	81-1						cps
Cadmium	111-1	19.44	17.57	16.44	17.82	8.49	ppb
Cadmium	106-1	25.04	20.66	20.73	22.14	11.33	ppb
Cadmium	108-1	21.27	20.51	18.73	20.17	6.48	ppb
Calcium	43-1	283222.42	262403.22	255775.70	267133.78	5.36	ppb
Calcium	44-1	275214.80	261217.96	257475.97	264636.24	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.37	82.45	82.18	82.33	0.17	ppb
Cobalt	59-2	52.07	51.18	50.25	51.16	1.78	ppb
Copper	63-2	412.51	416.31	413.74	414.19	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	149853.78	149884.56	143245.11	147661.15	2.59	ppb
Iron	56-2	146970.99	142951.13	139091.65	143004.59	2.76	ppb
Iron	57-2	149259.24	147428.24	143301.25	146662.91	2.08	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01	Instrumnet Name :	P8
Client Sample ID :	MH24F5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:17:29	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4696.49	4295.26	4365.82	4452.53	4.81	ppb
Lead	207-1	4393.54	4217.74	4207.11	4272.80	2.45	ppb
Lead	208-1	4521.93	4266.10	4280.26	4356.10	3.30	ppb
Lithium	6-1				106		%
Magnesium	24-2	17542.52	17202.15	16878.19	17207.62	1.93	ppb
Manganese	55-2	5019.52	5034.61	4914.81	4989.65	1.31	ppb
Molybdenum	94-1	37.56	35.31	34.51	35.79	4.41	ppb
Molybdenum	95-1	13.41	12.31	12.09	12.60	5.59	ppb
Molybdenum	96-1	17.59	15.80	16.02	16.47	5.94	ppb
Molybdenum	97-1	12.81	12.30	12.20	12.44	2.65	ppb
Molybdenum	98-1	12.54	12.01	11.67	12.07	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	207.64	209.68	206.66	207.99	0.74	ppb
Phosphorus	31-2	4560.32	4737.78	4752.74	4683.61	2.29	ppb
Potassium	39-2	10073.17	10032.29	9990.47	10031.98	0.41	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	3.73	3.48	3.21	3.47	7.45	ppb
Selenium	77-2	33.95	28.46	30.57	30.99	8.92	ppb
Selenium	78-2	7.87	7.50	6.87	7.41	6.85	ppb
Silicon	28-1	1612.74	1521.18	1521.47	1551.80	3.40	ppb
Silver	107-1	6.45	6.05	6.21	6.23	3.20	ppb
Silver	109-1	6.86	6.33	5.87	6.35	7.79	ppb
Sodium	23-2	5039.05	5025.33	5023.48	5029.28	0.17	ppb
Strontium	86-1	1293.05	1183.38	1163.57	1213.33	5.75	ppb
Strontium	88-1	1233.88	1186.30	1158.42	1192.87	3.20	ppb
Sulfur	34-1	14720.50	13779.39	17676.33	15392.07	13.21	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	1.40	1.23	1.26	1.29	6.95	ppb
Thallium	205-1	1.51	1.32	1.37	1.40	6.92	ppb
Tin	118-1	253.95	241.70	230.55	242.07	4.83	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01	Instrumnet Name :	P8
Client Sample ID :	MH24F5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:17:29	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1210.46	1125.70	1083.31	1139.82	5.68	ppb
Uranium	238-1	8.82	8.05	8.34	8.40	4.59	ppb
Vanadium	51-2	215.68	209.94	209.39	211.67	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				118		%
Zinc	66-2	6133.81	6163.52	6010.44	6102.59	1.33	ppb
Zirconium	90-1	14.44	14.04	14.07	14.18	1.57	ppb
Zirconium	91-1	14.10	13.37	13.75	13.74	2.65	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-02	Instrumnet Name :	P8
Client Sample ID :	MH24F5D	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:20:28	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43407.30	48986.53	45353.16	45915.66	6.17	ppb
Antimony	121-1	22.19	23.22	20.80	22.07	5.50	ppb
Arsenic	75-2	44.12	46.79	45.18	45.36	2.96	ppb
Barium	135-1	989.12	1016.46	944.29	983.29	3.71	ppb
Barium	137-1	1011.78	1074.68	954.55	1013.67	5.93	ppb
Beryllium	9-1	6.18	6.18	6.06	6.14	1.13	ppb
Bismuth	209-1				118		%
Bismuth	209-2				99		%
Boron	10-1	188.36	200.94	198.47	195.92	3.40	ppb
Boron	11-1	207.19	216.87	210.57	211.54	2.32	ppb
Bromine	81-1						cps
Cadmium	111-1	12.82	13.20	12.20	12.74	3.99	ppb
Cadmium	106-1	15.61	17.77	14.47	15.95	10.49	ppb
Cadmium	108-1	13.83	15.08	13.23	14.05	6.71	ppb
Calcium	43-1	193659.28	187919.21	189409.73	190329.40	1.56	ppb
Calcium	44-1	193505.85	189274.61	188903.78	190561.42	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70.45	78.25	72.64	73.78	5.45	ppb
Cobalt	59-2	42.18	47.08	44.56	44.61	5.49	ppb
Copper	63-2	337.27	366.36	346.77	350.14	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				101		%
Indium	115-1				116		%
Indium	115-2				97		%
Iron	54-2	130337.58	142427.93	134594.91	135786.81	4.52	ppb
Iron	56-2	127682.14	138014.37	131631.88	132442.80	3.94	ppb
Iron	57-2	130217.69	142062.58	132263.82	134848.03	4.70	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-02	Instrumnet Name :	P8
Client Sample ID :	MH24F5D	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:20:28	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3478.97	3466.05	3280.09	3408.37	3.26	ppb
Lead	207-1	3362.83	3200.79	3230.81	3264.81	2.64	ppb
Lead	208-1	3371.72	3320.10	3254.40	3315.41	1.77	ppb
Lithium	6-1				112		%
Magnesium	24-2	13838.94	15769.71	15104.11	14904.25	6.58	ppb
Manganese	55-2	4082.32	4521.22	4174.61	4259.39	5.43	ppb
Molybdenum	94-1	27.62	27.83	27.09	27.51	1.38	ppb
Molybdenum	95-1	9.65	10.03	9.80	9.83	1.96	ppb
Molybdenum	96-1	13.11	13.18	13.13	13.14	0.27	ppb
Molybdenum	97-1	9.82	10.21	9.64	9.89	2.96	ppb
Molybdenum	98-1	9.49	10.24	9.76	9.83	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	154.89	172.43	162.65	163.33	5.38	ppb
Phosphorus	31-2	3837.35	4342.33	4325.16	4168.28	6.88	ppb
Potassium	39-2	8084.28	8959.93	8500.73	8514.98	5.14	ppb
Rhodium	103-1				114		%
Rhodium	103-2				97		%
Scandium	45-1				121		%
Scandium	45-2				102		%
Selenium	82-1	2.86	2.79	2.78	2.81	1.40	ppb
Selenium	77-2	27.86	38.80	35.05	33.90	16.39	ppb
Selenium	78-2	7.35	7.80	6.68	7.28	7.70	ppb
Silicon	28-1	1499.76	1407.85	1407.81	1438.47	3.69	ppb
Silver	107-1	4.37	4.56	4.19	4.37	4.26	ppb
Silver	109-1	4.47	4.51	4.26	4.41	3.06	ppb
Sodium	23-2	3990.78	4492.71	4203.68	4229.06	5.96	ppb
Strontium	86-1	871.78	906.94	878.14	885.62	2.12	ppb
Strontium	88-1	854.81	911.09	876.38	880.76	3.22	ppb
Sulfur	34-1	11793.35	10903.02	11031.95	11242.77	4.28	ppb
Terbium	159-1				120		%
Terbium	159-2				101		%
Thallium	203-1	1.05	1.00	0.98	1.01	3.35	ppb
Thallium	205-1	1.09	1.00	1.00	1.03	5.30	ppb
Tin	118-1	78.39	82.02	74.91	78.44	4.53	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-02	Instrumnet Name :	P8
Client Sample ID :	MH24F5D	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:20:28	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	951.75	915.29	910.89	925.97	2.42	ppb
Uranium	238-1	6.87	6.36	6.44	6.56	4.22	ppb
Vanadium	51-2	181.04	199.58	186.06	188.89	5.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				132		%
Yttrium	89-2				110		%
Zinc	66-2	4915.30	5439.24	5077.61	5144.05	5.21	ppb
Zirconium	90-1	10.71	11.02	10.77	10.83	1.49	ppb
Zirconium	91-1	10.67	10.88	10.65	10.73	1.18	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH24F5L	Dilution Factor :	5
Date & Time Acquired :	2023-02-07 11:23:25	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11172.17	10991.59	10591.44	10918.40	2.72	ppb
Antimony	121-1	3.82	4.78	4.64	4.41	11.78	ppb
Arsenic	75-2	10.58	11.42	10.62	10.87	4.32	ppb
Barium	135-1	177.18	214.01	214.16	201.78	10.56	ppb
Barium	137-1	176.75	218.84	215.79	203.79	11.52	ppb
Beryllium	9-1	1.48	1.67	1.78	1.64	9.31	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	53.91	64.47	63.67	60.68	9.68	ppb
Boron	11-1	58.16	68.85	68.91	65.30	9.48	ppb
Bromine	81-1						cps
Cadmium	111-1	2.73	3.62	3.61	3.32	15.43	ppb
Cadmium	106-1	1.16	4.38	2.98	2.84	56.72	ppb
Cadmium	108-1	3.51	3.60	4.14	3.75	9.10	ppb
Calcium	43-1	43478.96	51952.28	51919.79	49117.01	9.94	ppb
Calcium	44-1	42888.72	49853.99	49819.14	47520.62	8.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.92	16.76	16.38	16.69	1.64	ppb
Cobalt	59-2	10.73	10.91	10.20	10.61	3.46	ppb
Copper	63-2	86.86	87.85	83.68	86.13	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				113		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	54-2	31540.53	31645.71	29831.00	31005.75	3.29	ppb
Iron	56-2	29778.88	30035.58	28602.87	29472.44	2.59	ppb
Iron	57-2	29317.70	29311.02	28443.79	29024.17	1.73	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH24F5L	Dilution Factor :	5
Date & Time Acquired :	2023-02-07 11:23:25	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	739.84	903.06	865.78	836.23	10.23	ppb
Lead	207-1	723.59	870.14	848.43	814.05	9.72	ppb
Lead	208-1	714.03	880.39	853.53	815.98	10.95	ppb
Lithium	6-1				108		%
Magnesium	24-2	3585.56	3603.85	3443.88	3544.43	2.47	ppb
Manganese	55-2	1009.84	1003.73	976.82	996.79	1.76	ppb
Molybdenum	94-1	6.66	7.65	7.84	7.38	8.60	ppb
Molybdenum	95-1	2.33	2.77	3.06	2.72	13.41	ppb
Molybdenum	96-1	2.91	3.52	3.98	3.47	15.53	ppb
Molybdenum	97-1	2.33	2.79	3.20	2.78	15.69	ppb
Molybdenum	98-1	2.40	3.00	2.89	2.76	11.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.40	44.09	41.00	43.16	4.35	ppb
Phosphorus	31-2	969.25	886.99	995.51	950.58	5.96	ppb
Potassium	39-2	2054.53	2056.88	1930.82	2014.07	3.58	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				104		%
Selenium	82-1	0.84	0.90	0.81	0.85	5.35	ppb
Selenium	77-2	4.46	7.01	3.17	4.88	40.00	ppb
Selenium	78-2	0.50	0.91	0.60	0.67	32.50	ppb
Silicon	28-1	205.43	286.82	281.64	257.96	17.66	ppb
Silver	107-1	0.96	1.21	1.13	1.10	11.55	ppb
Silver	109-1	1.02	1.37	1.23	1.21	14.43	ppb
Sodium	23-2	1048.49	1080.22	989.23	1039.31	4.44	ppb
Strontium	86-1	208.84	252.52	259.03	240.13	11.37	ppb
Strontium	88-1	210.09	252.84	249.90	237.61	10.05	ppb
Sulfur	34-1	-1384.30	1343.05	1598.17	518.97	318.56	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.32	0.34	0.32	6.48	ppb
Thallium	205-1	0.27	0.35	0.35	0.32	14.11	ppb
Tin	118-1	36.99	45.61	45.05	42.55	11.34	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH24F5L	Dilution Factor :	5
Date & Time Acquired :	2023-02-07 11:23:25	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	185.48	216.19	224.52	208.73	9.85	ppb
Uranium	238-1	1.36	1.63	1.65	1.54	10.44	ppb
Vanadium	51-2	44.37	42.80	41.52	42.90	3.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				107		%
Zinc	66-2	1329.44	1348.60	1267.79	1315.28	3.21	ppb
Zirconium	90-1	2.37	2.96	2.92	2.75	11.89	ppb
Zirconium	91-1	2.38	2.94	2.89	2.73	11.40	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-03	Instrumnet Name :	P8
Client Sample ID :	MH24F5S	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:26:32	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50625.50	52026.67	52008.55	51553.57	1.56	ppb
Antimony	121-1	31.09	31.19	30.73	31.00	0.78	ppb
Arsenic	75-2	56.49	54.98	52.85	54.77	3.34	ppb
Barium	135-1	1361.58	1396.82	1320.98	1359.79	2.79	ppb
Barium	137-1	1351.74	1391.11	1331.28	1358.04	2.24	ppb
Beryllium	9-1	17.24	17.03	16.86	17.05	1.12	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	232.93	233.48	237.77	234.73	1.13	ppb
Boron	11-1	244.93	256.01	253.99	251.64	2.35	ppb
Bromine	81-1						cps
Cadmium	111-1	24.83	24.62	23.94	24.46	1.90	ppb
Cadmium	106-1	25.62	25.61	26.81	26.01	2.66	ppb
Cadmium	108-1	24.87	24.50	22.66	24.01	4.92	ppb
Calcium	43-1	230318.40	229003.81	222251.88	227191.36	1.90	ppb
Calcium	44-1	239974.11	229828.05	225885.33	231895.83	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.44	117.77	114.09	116.77	2.00	ppb
Cobalt	59-2	142.78	140.76	139.40	140.98	1.21	ppb
Copper	63-2	429.28	437.06	423.99	430.11	1.53	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				109		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	142546.75	144586.61	140851.84	142661.73	1.31	ppb
Iron	56-2	141760.89	139453.64	140281.71	140498.75	0.83	ppb
Iron	57-2	146175.83	144544.15	140589.88	143769.95	2.00	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-03	Instrumnet Name :	P8
Client Sample ID :	MH24F5S	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:26:32	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4024.07	3901.45	3887.98	3937.83	1.90	ppb
Lead	207-1	3833.86	3841.42	3706.74	3794.01	1.99	ppb
Lead	208-1	3931.09	3859.15	3798.71	3862.98	1.72	ppb
Lithium	6-1				106		%
Magnesium	24-2	15923.07	16020.92	16147.02	16030.34	0.70	ppb
Manganese	55-2	4908.87	4820.80	4775.44	4835.03	1.40	ppb
Molybdenum	94-1	33.82	33.60	33.11	33.51	1.09	ppb
Molybdenum	95-1	10.42	10.92	10.32	10.56	3.02	ppb
Molybdenum	96-1	14.11	14.49	14.22	14.27	1.38	ppb
Molybdenum	97-1	10.74	10.53	10.52	10.60	1.16	ppb
Molybdenum	98-1	10.24	10.39	10.33	10.32	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	274.87	275.05	270.04	273.32	1.04	ppb
Phosphorus	31-2	4427.80	4168.97	4438.76	4345.18	3.51	ppb
Potassium	39-2	9384.24	9468.52	9198.17	9350.31	1.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				114		%
Scandium	45-2				107		%
Selenium	82-1	18.26	19.22	18.08	18.52	3.30	ppb
Selenium	77-2	49.57	41.80	31.66	41.01	21.89	ppb
Selenium	78-2	19.73	21.81	21.59	21.04	5.43	ppb
Silicon	28-1	2197.39	2242.95	2187.29	2209.21	1.34	ppb
Silver	107-1	14.74	15.12	14.73	14.86	1.48	ppb
Silver	109-1	14.60	14.89	14.69	14.73	1.02	ppb
Sodium	23-2	4600.21	4696.16	4600.15	4632.17	1.20	ppb
Strontium	86-1	1111.50	1098.88	1129.91	1113.43	1.40	ppb
Strontium	88-1	1077.34	1090.97	1072.14	1080.15	0.90	ppb
Sulfur	34-1	15248.00	14289.25	14261.09	14599.45	3.85	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	9.46	9.51	9.34	9.44	0.92	ppb
Thallium	205-1	9.80	9.26	9.19	9.42	3.50	ppb
Tin	118-1	84.35	85.52	82.70	84.19	1.68	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-03	Instrumnet Name :	P8
Client Sample ID :	MH24F5S	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:26:32	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1123.18	1102.81	1086.44	1104.15	1.67	ppb
Uranium	238-1	7.77	8.27	7.82	7.95	3.50	ppb
Vanadium	51-2	293.21	297.47	291.93	294.20	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				118		%
Zinc	66-2	5725.11	5865.18	5695.54	5761.94	1.57	ppb
Zirconium	90-1	14.06	13.59	13.36	13.67	2.58	ppb
Zirconium	91-1	13.22	13.50	12.63	13.12	3.41	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-04	Instrumnet Name :	P8
Client Sample ID :	MH24K8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:29:29	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27180.78	26238.33	25677.19	26365.44	2.88	ppb
Antimony	121-1	6.03	5.91	5.66	5.86	3.23	ppb
Arsenic	75-2	42.25	42.76	40.81	41.94	2.41	ppb
Barium	135-1	790.47	806.97	755.95	784.46	3.32	ppb
Barium	137-1	799.58	815.75	774.78	796.70	2.59	ppb
Beryllium	9-1	3.25	3.19	3.11	3.18	2.16	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	59.98	59.49	59.13	59.53	0.71	ppb
Boron	11-1	65.60	65.11	64.26	64.99	1.04	ppb
Bromine	81-1						cps
Cadmium	111-1	17.00	17.64	17.46	17.37	1.90	ppb
Cadmium	106-1	17.56	15.90	17.92	17.13	6.27	ppb
Cadmium	108-1	16.96	18.77	17.34	17.69	5.39	ppb
Calcium	43-1	138866.68	142186.55	141212.26	140755.16	1.21	ppb
Calcium	44-1	138067.48	138036.49	139234.63	138446.20	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76.15	74.38	73.71	74.75	1.69	ppb
Cobalt	59-2	38.18	37.95	36.65	37.59	2.20	ppb
Copper	63-2	393.91	390.55	371.27	385.24	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	166326.03	158242.01	156834.64	160467.56	3.19	ppb
Iron	56-2	162679.43	159155.04	154967.02	158933.83	2.43	ppb
Iron	57-2	165989.46	161030.90	155708.19	160909.52	3.20	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-04	Instrumnet Name :	P8
Client Sample ID :	MH24K8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:29:29	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1509.11	1392.50	1426.15	1442.58	4.16	ppb
Lead	207-1	1417.14	1405.48	1391.58	1404.74	0.91	ppb
Lead	208-1	1431.53	1415.68	1423.32	1423.51	0.56	ppb
Lithium	6-1				104		%
Magnesium	24-2	15477.00	15303.96	14782.06	15187.67	2.38	ppb
Manganese	55-2	4900.60	4778.81	4702.80	4794.07	2.08	ppb
Molybdenum	94-1	10.74	10.09	9.77	10.20	4.83	ppb
Molybdenum	95-1	7.61	7.41	7.01	7.35	4.16	ppb
Molybdenum	96-1	9.65	9.68	9.05	9.46	3.76	ppb
Molybdenum	97-1	7.64	7.30	7.37	7.44	2.41	ppb
Molybdenum	98-1	7.78	7.36	6.95	7.36	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	144.36	140.84	138.30	141.17	2.16	ppb
Phosphorus	31-2	5114.70	5106.31	5025.58	5082.20	0.97	ppb
Potassium	39-2	9571.80	9536.01	9435.87	9514.56	0.74	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	3.35	3.66	3.33	3.44	5.37	ppb
Selenium	77-2	25.73	34.56	23.64	27.98	20.72	ppb
Selenium	78-2	6.81	5.68	5.38	5.96	12.60	ppb
Silicon	28-1	1160.69	1146.48	1183.39	1163.52	1.60	ppb
Silver	107-1	5.52	5.39	4.95	5.28	5.69	ppb
Silver	109-1	5.43	5.54	5.30	5.42	2.20	ppb
Sodium	23-2	645.48	616.06	623.33	628.29	2.44	ppb
Strontium	86-1	499.59	496.28	486.08	493.98	1.43	ppb
Strontium	88-1	496.88	493.86	490.58	493.78	0.64	ppb
Sulfur	34-1	-1367.87	-1412.99	-763.15	-1181.34		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	1.07	0.98	1.05	1.04	4.49	ppb
Thallium	205-1	1.12	1.01	1.09	1.07	5.54	ppb
Tin	118-1	32.77	32.62	30.91	32.10	3.22	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-04	Instrumnet Name :	P8
Client Sample ID :	MH24K8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:29:29	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	354.82	357.63	362.39	358.28	1.07	ppb
Uranium	238-1	4.56	4.44	4.82	4.61	4.15	ppb
Vanadium	51-2	157.25	152.24	150.28	153.26	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	5675.94	5525.34	5318.88	5506.72	3.26	ppb
Zirconium	90-1	2.10	2.05	2.12	2.09	1.62	ppb
Zirconium	91-1	2.30	2.07	2.15	2.17	5.37	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-05	Instrumnet Name :	P8
Client Sample ID :	MH24K9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:32:31	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31372.52	29938.63	29633.24	30314.80	3.06	ppb
Antimony	121-1	6.22	6.22	6.19	6.21	0.24	ppb
Arsenic	75-2	46.65	45.73	44.82	45.73	2.00	ppb
Barium	135-1	919.95	903.77	895.42	906.38	1.38	ppb
Barium	137-1	917.73	928.50	890.67	912.30	2.14	ppb
Beryllium	9-1	3.76	3.68	3.72	3.72	0.99	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	51.84	52.73	53.24	52.60	1.35	ppb
Boron	11-1	54.94	57.12	56.66	56.24	2.04	ppb
Bromine	81-1						cps
Cadmium	111-1	20.75	21.74	19.82	20.77	4.63	ppb
Cadmium	106-1	20.53	19.46	19.64	19.88	2.89	ppb
Cadmium	108-1	20.43	19.30	19.42	19.71	3.15	ppb
Calcium	43-1	153579.09	157920.71	157781.33	156427.05	1.58	ppb
Calcium	44-1	156105.12	153091.30	156356.87	155184.43	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.57	55.90	55.27	56.58	3.10	ppb
Cobalt	59-2	41.38	39.51	39.11	40.00	3.02	ppb
Copper	63-2	486.18	478.33	458.56	474.36	3.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	176733.95	166595.85	162674.40	168668.07	4.30	ppb
Iron	56-2	173743.49	164110.87	161152.38	166335.58	3.96	ppb
Iron	57-2	175308.05	161486.94	163218.20	166671.07	4.52	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-05	Instrumnet Name :	P8
Client Sample ID :	MH24K9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:32:31	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1278.45	1263.55	1237.18	1259.73	1.66	ppb
Lead	207-1	1264.26	1235.59	1232.47	1244.11	1.41	ppb
Lead	208-1	1260.01	1237.15	1230.61	1242.59	1.24	ppb
Lithium	6-1				106		%
Magnesium	24-2	15855.97	15085.02	14709.20	15216.73	3.84	ppb
Manganese	55-2	4801.82	4645.78	4510.11	4652.57	3.14	ppb
Molybdenum	94-1	10.52	11.00	10.53	10.68	2.58	ppb
Molybdenum	95-1	6.80	7.29	7.12	7.07	3.53	ppb
Molybdenum	96-1	9.06	9.14	9.16	9.12	0.58	ppb
Molybdenum	97-1	6.79	7.48	7.18	7.15	4.83	ppb
Molybdenum	98-1	6.99	7.13	6.91	7.01	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	156.15	148.66	145.04	149.95	3.78	ppb
Phosphorus	31-2	4311.14	4006.79	4011.13	4109.69	4.25	ppb
Potassium	39-2	7435.35	7062.84	7112.99	7203.73	2.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	3.27	2.78	3.69	3.25	14.06	ppb
Selenium	77-2	15.32	18.79	26.94	20.35	29.31	ppb
Selenium	78-2	6.47	6.03	7.35	6.62	10.15	ppb
Silicon	28-1	621.45	615.95	613.79	617.07	0.64	ppb
Silver	107-1	6.82	6.90	6.99	6.90	1.24	ppb
Silver	109-1	7.09	6.99	7.09	7.06	0.84	ppb
Sodium	23-2	894.07	858.75	841.25	864.69	3.11	ppb
Strontium	86-1	538.82	535.57	529.12	534.50	0.92	ppb
Strontium	88-1	546.88	534.94	542.11	541.31	1.11	ppb
Sulfur	34-1	-1771.90	-1967.71	-2075.92	-1938.51		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	1.34	1.51	1.35	1.40	7.05	ppb
Thallium	205-1	1.37	1.42	1.43	1.41	2.08	ppb
Tin	118-1	39.78	39.87	39.34	39.66	0.72	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-05	Instrumnet Name :	P8
Client Sample ID :	MH24K9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:32:31	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	387.11	389.83	378.81	385.25	1.49	ppb
Uranium	238-1	5.20	5.16	5.17	5.18	0.41	ppb
Vanadium	51-2	175.45	166.93	162.55	168.31	3.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	4777.15	4758.78	4547.77	4694.57	2.72	ppb
Zirconium	90-1	2.59	2.62	2.57	2.59	0.95	ppb
Zirconium	91-1	2.66	2.42	2.58	2.55	4.71	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-06	Instrumnet Name :	P8
Client Sample ID :	MH24L0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:35:32	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27501.30	27091.46	26467.02	27019.93	1.93	ppb
Antimony	121-1	4.32	4.08	3.94	4.11	4.69	ppb
Arsenic	75-2	33.22	33.93	32.67	33.27	1.90	ppb
Barium	135-1	746.07	712.51	716.86	725.14	2.52	ppb
Barium	137-1	743.10	739.71	724.65	735.82	1.33	ppb
Beryllium	9-1	3.03	2.91	3.01	2.98	2.09	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	41.52	41.92	42.65	42.03	1.37	ppb
Boron	11-1	47.03	46.42	47.78	47.08	1.44	ppb
Bromine	81-1						cps
Cadmium	111-1	11.61	11.85	11.45	11.64	1.76	ppb
Cadmium	106-1	6.94	10.13	9.39	8.82	18.91	ppb
Cadmium	108-1	10.74	10.59	11.41	10.91	4.00	ppb
Calcium	43-1	131098.47	136825.14	131298.98	133074.20	2.44	ppb
Calcium	44-1	128082.72	134119.15	128937.80	130379.89	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.54	42.30	41.39	42.41	2.54	ppb
Cobalt	59-2	29.57	29.48	28.52	29.19	1.99	ppb
Copper	63-2	296.12	290.06	293.20	293.13	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	117331.49	114796.35	109737.02	113954.95	3.39	ppb
Iron	56-2	112674.21	112690.04	108454.01	111272.75	2.19	ppb
Iron	57-2	115948.18	113803.86	113723.54	114491.86	1.10	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-06	Instrumnet Name :	P8
Client Sample ID :	MH24L0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:35:32	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	641.67	658.35	650.42	650.15	1.28	ppb
Lead	207-1	592.76	605.60	593.20	597.19	1.22	ppb
Lead	208-1	627.74	631.62	629.22	629.52	0.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	12632.38	12330.21	12041.83	12334.80	2.39	ppb
Manganese	55-2	2469.72	2418.98	2298.17	2395.62	3.68	ppb
Molybdenum	94-1	9.36	9.35	9.19	9.30	1.07	ppb
Molybdenum	95-1	5.65	5.92	5.61	5.73	2.91	ppb
Molybdenum	96-1	7.45	7.37	6.94	7.25	3.77	ppb
Molybdenum	97-1	5.97	5.82	5.34	5.71	5.74	ppb
Molybdenum	98-1	5.77	5.50	5.73	5.67	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	149.33	146.09	143.98	146.47	1.84	ppb
Phosphorus	31-2	3197.86	3286.28	3270.10	3251.41	1.45	ppb
Potassium	39-2	6159.68	6087.51	5960.29	6069.16	1.66	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	2.78	2.88	2.70	2.79	3.22	ppb
Selenium	77-2	23.33	21.68	18.15	21.05	12.55	ppb
Selenium	78-2	6.04	5.66	5.22	5.64	7.23	ppb
Silicon	28-1	445.98	443.86	420.39	436.74	3.25	ppb
Silver	107-1	4.02	3.95	3.87	3.95	1.88	ppb
Silver	109-1	4.27	3.99	3.99	4.08	4.00	ppb
Sodium	23-2	1231.60	1220.41	1184.92	1212.31	2.01	ppb
Strontium	86-1	460.20	445.46	438.64	448.10	2.46	ppb
Strontium	88-1	447.08	441.44	439.04	442.52	0.93	ppb
Sulfur	34-1	-1703.10	-1310.66	-1594.31	-1536.02		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.98	1.14	0.97	1.03	9.17	ppb
Thallium	205-1	1.05	1.03	1.00	1.03	2.26	ppb
Tin	118-1	18.89	18.81	18.20	18.63	2.02	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-06	Instrumnet Name :	P8
Client Sample ID :	MH24L0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:35:32	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	360.52	364.80	358.44	361.25	0.90	ppb
Uranium	238-1	4.95	4.99	5.17	5.04	2.32	ppb
Vanadium	51-2	148.39	145.04	141.63	145.02	2.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	2019.76	2016.83	1974.74	2003.78	1.26	ppb
Zirconium	90-1	2.50	2.54	2.57	2.54	1.39	ppb
Zirconium	91-1	2.62	2.45	2.39	2.49	4.66	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-07	Instrumnet Name :	P8
Client Sample ID :	MH24L1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:38:35	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28309.77	28014.66	27912.32	28078.92	0.73	ppb
Antimony	121-1	5.86	5.78	5.84	5.82	0.74	ppb
Arsenic	75-2	36.65	37.73	36.76	37.04	1.60	ppb
Barium	135-1	1051.38	1076.67	1047.66	1058.57	1.49	ppb
Barium	137-1	1099.16	1085.54	1115.19	1099.96	1.35	ppb
Beryllium	9-1	3.13	3.23	3.17	3.18	1.52	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Boron	10-1	99.48	104.15	104.25	102.63	2.65	ppb
Boron	11-1	107.53	109.28	113.56	110.13	2.82	ppb
Bromine	81-1						cps
Cadmium	111-1	14.57	14.35	14.71	14.54	1.25	ppb
Cadmium	106-1	12.96	13.87	16.87	14.57	14.03	ppb
Cadmium	108-1	13.82	15.16	15.14	14.71	5.22	ppb
Calcium	43-1	182745.47	181486.85	185776.25	183336.19	1.20	ppb
Calcium	44-1	184735.27	179934.75	182146.95	182272.33	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.22	105.89	104.49	105.20	0.67	ppb
Cobalt	59-2	34.32	34.32	33.01	33.88	2.24	ppb
Copper	63-2	288.87	281.67	281.85	284.13	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	147026.93	144798.87	142310.45	144712.08	1.63	ppb
Iron	56-2	143163.78	141644.88	138235.28	141014.65	1.79	ppb
Iron	57-2	146329.43	142285.30	141963.25	143525.99	1.70	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-07	Instrumnet Name :	P8
Client Sample ID :	MH24L1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:38:35	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1523.27	1545.00	1596.44	1554.90	2.42	ppb
Lead	207-1	1436.76	1466.91	1482.83	1462.17	1.60	ppb
Lead	208-1	1469.63	1501.58	1520.23	1497.15	1.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	17358.94	17116.55	17012.76	17162.75	1.04	ppb
Manganese	55-2	4346.07	4240.59	4110.85	4232.50	2.78	ppb
Molybdenum	94-1	11.09	10.77	10.76	10.87	1.72	ppb
Molybdenum	95-1	8.75	8.75	8.83	8.78	0.50	ppb
Molybdenum	96-1	10.95	10.47	10.26	10.56	3.37	ppb
Molybdenum	97-1	9.09	8.72	8.18	8.66	5.24	ppb
Molybdenum	98-1	8.81	8.52	8.45	8.59	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.76	108.74	108.47	109.99	2.18	ppb
Phosphorus	31-2	8685.00	8590.42	8382.59	8552.67	1.81	ppb
Potassium	39-2	10644.24	10330.45	10442.68	10472.46	1.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				104		%
Selenium	82-1	3.87	4.08	3.67	3.87	5.20	ppb
Selenium	77-2	14.28	29.65	25.14	23.02	34.33	ppb
Selenium	78-2	6.14	7.03	6.36	6.51	7.09	ppb
Silicon	28-1	594.94	534.66	554.63	561.41	5.47	ppb
Silver	107-1	4.14	4.12	4.39	4.22	3.58	ppb
Silver	109-1	4.28	4.15	4.30	4.24	1.89	ppb
Sodium	23-2	1512.35	1493.94	1516.90	1507.73	0.81	ppb
Strontium	86-1	682.65	660.06	660.42	667.71	1.94	ppb
Strontium	88-1	655.32	665.94	665.27	662.18	0.90	ppb
Sulfur	34-1	973.65	1008.49	1193.56	1058.57	11.17	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.91	0.86	0.89	0.89	2.88	ppb
Thallium	205-1	0.89	0.93	0.87	0.89	3.42	ppb
Tin	118-1	41.74	39.53	40.23	40.50	2.78	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-07	Instrumnet Name :	P8
Client Sample ID :	MH24L1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:38:35	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	330.19	314.65	328.55	324.46	2.63	ppb
Uranium	238-1	5.49	5.12	5.21	5.27	3.66	ppb
Vanadium	51-2	152.24	152.56	147.62	150.81	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				114		%
Zinc	66-2	5235.17	5253.68	5098.29	5195.71	1.63	ppb
Zirconium	90-1	2.09	1.92	1.89	1.97	5.29	ppb
Zirconium	91-1	2.00	1.97	1.93	1.97	1.73	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-08	Instrumnet Name :	P8
Client Sample ID :	MH24L2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:41:35	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27933.24	27146.26	27465.48	27514.99	1.44	ppb
Antimony	121-1	5.76	6.15	6.12	6.01	3.58	ppb
Arsenic	75-2	40.91	41.17	39.91	40.67	1.64	ppb
Barium	135-1	911.35	917.82	911.01	913.39	0.42	ppb
Barium	137-1	908.28	922.38	912.34	914.33	0.79	ppb
Beryllium	9-1	3.33	3.26	3.12	3.24	3.35	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	77.69	78.20	79.59	78.49	1.25	ppb
Boron	11-1	82.47	84.61	83.53	83.54	1.28	ppb
Bromine	81-1						cps
Cadmium	111-1	15.77	15.83	16.00	15.87	0.74	ppb
Cadmium	106-1	14.34	13.52	14.28	14.05	3.24	ppb
Cadmium	108-1	16.15	15.70	16.33	16.06	2.04	ppb
Calcium	43-1	186963.34	185851.07	185452.30	186088.90	0.42	ppb
Calcium	44-1	187020.16	184152.00	185745.69	185639.28	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.28	75.60	78.18	77.69	2.43	ppb
Cobalt	59-2	38.80	36.39	37.45	37.55	3.22	ppb
Copper	63-2	343.13	336.56	341.74	340.48	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	157920.18	152178.70	158845.10	156314.66	2.31	ppb
Iron	56-2	152853.06	148237.26	151663.15	150917.82	1.59	ppb
Iron	57-2	157795.22	155446.52	155998.09	156413.28	0.79	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-08	Instrumnet Name :	P8
Client Sample ID :	MH24L2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:41:35	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1485.69	1479.05	1431.78	1465.51	2.01	ppb
Lead	207-1	1411.71	1407.68	1397.19	1405.53	0.53	ppb
Lead	208-1	1423.70	1430.72	1409.15	1421.19	0.77	ppb
Lithium	6-1				104		%
Magnesium	24-2	16228.57	16079.83	16116.08	16141.49	0.48	ppb
Manganese	55-2	4425.99	4308.28	4368.43	4367.57	1.35	ppb
Molybdenum	94-1	10.08	10.39	10.56	10.35	2.36	ppb
Molybdenum	95-1	8.84	8.91	8.99	8.91	0.82	ppb
Molybdenum	96-1	10.84	11.43	10.90	11.06	2.90	ppb
Molybdenum	97-1	8.85	9.03	9.13	9.00	1.58	ppb
Molybdenum	98-1	8.72	8.60	8.57	8.63	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.26	132.14	129.12	132.84	3.09	ppb
Phosphorus	31-2	5919.79	6040.11	5689.36	5883.09	3.03	ppb
Potassium	39-2	8653.26	8496.40	8642.94	8597.53	1.02	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	2.67	3.15	3.61	3.14	14.99	ppb
Selenium	77-2	30.96	20.97	19.33	23.75	26.50	ppb
Selenium	78-2	7.82	8.89	6.78	7.83	13.46	ppb
Silicon	28-1	841.02	848.04	861.01	850.02	1.19	ppb
Silver	107-1	4.60	4.66	4.42	4.56	2.69	ppb
Silver	109-1	4.49	4.82	4.52	4.61	3.94	ppb
Sodium	23-2	1017.91	982.03	1015.47	1005.14	1.99	ppb
Strontium	86-1	580.04	595.76	569.50	581.77	2.27	ppb
Strontium	88-1	584.92	572.87	573.52	577.10	1.17	ppb
Sulfur	34-1	-1069.22	-764.75	-1081.66	-971.88		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	1.08	1.08	1.10	1.08	1.33	ppb
Thallium	205-1	1.08	1.10	1.07	1.08	1.54	ppb
Tin	118-1	30.67	32.64	31.95	31.75	3.14	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-08	Instrumnet Name :	P8
Client Sample ID :	MH24L2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:41:35	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	373.02	368.37	367.78	369.72	0.78	ppb
Uranium	238-1	4.83	5.08	4.81	4.91	3.08	ppb
Vanadium	51-2	168.73	164.42	167.65	166.93	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				115		%
Zinc	66-2	5155.12	5028.66	5230.17	5137.98	1.98	ppb
Zirconium	90-1	1.88	1.74	1.69	1.77	5.38	ppb
Zirconium	91-1	1.84	1.85	1.71	1.80	4.14	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-09	Instrumnet Name :	P8
Client Sample ID :	MH24L3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:44:38	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31351.72	31093.11	30994.98	31146.60	0.59	ppb
Antimony	121-1	5.76	5.57	5.61	5.65	1.80	ppb
Arsenic	75-2	36.94	38.22	36.02	37.06	2.98	ppb
Barium	135-1	898.76	930.29	920.04	916.36	1.75	ppb
Barium	137-1	918.55	941.32	921.40	927.09	1.34	ppb
Beryllium	9-1	3.35	3.37	3.30	3.34	1.16	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	76.03	77.97	77.39	77.13	1.29	ppb
Boron	11-1	81.84	86.14	87.02	85.00	3.26	ppb
Bromine	81-1						cps
Cadmium	111-1	11.51	11.85	12.28	11.88	3.24	ppb
Cadmium	106-1	11.95	13.15	13.77	12.96	7.12	ppb
Cadmium	108-1	13.58	12.59	12.77	12.98	4.05	ppb
Calcium	43-1	192344.30	206102.54	201592.24	200013.03	3.51	ppb
Calcium	44-1	195642.87	204291.08	202763.41	200899.12	2.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61.18	59.49	58.45	59.71	2.31	ppb
Cobalt	59-2	35.08	33.85	33.17	34.03	2.85	ppb
Copper	63-2	290.68	285.92	279.47	285.36	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	129552.84	125096.60	122199.53	125616.32	2.95	ppb
Iron	56-2	126513.71	122477.60	123737.96	124243.09	1.66	ppb
Iron	57-2	128363.71	121613.39	124948.55	124975.22	2.70	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-09	Instrumnet Name :	P8
Client Sample ID :	MH24L3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:44:38	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1044.44	1085.51	1044.91	1058.29	2.23	ppb
Lead	207-1	995.27	1002.49	992.30	996.69	0.53	ppb
Lead	208-1	998.07	1032.44	1018.98	1016.50	1.70	ppb
Lithium	6-1				107		%
Magnesium	24-2	15301.69	14872.52	14731.94	14968.71	1.98	ppb
Manganese	55-2	3035.77	2958.68	2884.02	2959.49	2.56	ppb
Molybdenum	94-1	11.04	11.98	11.14	11.39	4.50	ppb
Molybdenum	95-1	7.59	8.13	7.76	7.83	3.54	ppb
Molybdenum	96-1	9.39	9.66	9.38	9.48	1.69	ppb
Molybdenum	97-1	7.85	7.13	8.10	7.70	6.54	ppb
Molybdenum	98-1	7.46	7.84	7.53	7.61	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.52	123.30	119.40	122.07	1.90	ppb
Phosphorus	31-2	4098.48	4090.91	4338.20	4175.86	3.37	ppb
Potassium	39-2	7643.25	7357.76	7366.01	7455.68	2.18	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	3.06	3.85	3.01	3.31	14.32	ppb
Selenium	77-2	26.85	24.61	31.30	27.59	12.35	ppb
Selenium	78-2	8.52	5.20	5.46	6.39	28.88	ppb
Silicon	28-1	630.55	677.26	713.66	673.83	6.18	ppb
Silver	107-1	3.53	3.80	3.72	3.68	3.67	ppb
Silver	109-1	3.75	3.88	3.77	3.80	1.86	ppb
Sodium	23-2	1369.93	1340.53	1317.73	1342.73	1.95	ppb
Strontium	86-1	573.80	596.48	575.38	581.89	2.18	ppb
Strontium	88-1	579.65	574.79	577.63	577.36	0.42	ppb
Sulfur	34-1	-1320.98	-442.06	-593.38	-785.47		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	1.05	1.05	0.92	1.01	7.16	ppb
Thallium	205-1	1.03	1.09	0.96	1.02	6.01	ppb
Tin	118-1	35.05	35.91	35.97	35.65	1.44	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-09	Instrumnet Name :	P8
Client Sample ID :	MH24L3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:44:38	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	404.71	430.40	432.55	422.56	3.67	ppb
Uranium	238-1	5.37	5.72	5.36	5.48	3.78	ppb
Vanadium	51-2	170.35	166.78	162.98	166.70	2.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	3475.84	3490.95	3410.33	3459.04	1.24	ppb
Zirconium	90-1	2.46	2.75	2.59	2.60	5.65	ppb
Zirconium	91-1	2.77	2.50	2.61	2.63	5.07	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-10	Instrumnet Name :	P8
Client Sample ID :	MH24L4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:47:38	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33055.18	32336.87	33003.17	32798.41	1.22	ppb
Antimony	121-1	5.78	5.86	5.70	5.78	1.33	ppb
Arsenic	75-2	43.64	43.93	43.39	43.65	0.62	ppb
Barium	135-1	847.11	836.93	852.19	845.41	0.92	ppb
Barium	137-1	861.62	847.57	851.95	853.71	0.84	ppb
Beryllium	9-1	3.79	3.71	3.62	3.71	2.34	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	82.92	84.66	84.10	83.89	1.06	ppb
Boron	11-1	90.80	92.35	92.25	91.80	0.95	ppb
Bromine	81-1						cps
Cadmium	111-1	16.05	14.47	15.23	15.25	5.17	ppb
Cadmium	106-1	13.94	12.15	14.62	13.57	9.37	ppb
Cadmium	108-1	13.63	15.53	14.25	14.47	6.70	ppb
Calcium	43-1	195237.28	190458.93	189282.47	191659.56	1.65	ppb
Calcium	44-1	198742.27	189265.66	188253.17	192087.03	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.49	48.06	48.75	48.76	1.46	ppb
Cobalt	59-2	35.20	33.88	35.35	34.81	2.32	ppb
Copper	63-2	381.21	376.19	381.31	379.57	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	140524.25	136730.20	139221.77	138825.41	1.39	ppb
Iron	56-2	136249.82	130256.64	133874.10	133460.19	2.26	ppb
Iron	57-2	138690.30	132647.16	138915.41	136750.96	2.60	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-10	Instrumnet Name :	P8
Client Sample ID :	MH24L4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:47:38	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1056.52	1044.29	1056.60	1052.47	0.67	ppb
Lead	207-1	1048.04	995.96	1020.37	1021.46	2.55	ppb
Lead	208-1	1040.88	1020.04	1037.69	1032.87	1.09	ppb
Lithium	6-1				104		%
Magnesium	24-2	14164.30	14165.17	14449.40	14259.63	1.15	ppb
Manganese	55-2	3173.50	3097.38	3165.28	3145.39	1.33	ppb
Molybdenum	94-1	11.77	11.59	11.33	11.56	1.92	ppb
Molybdenum	95-1	7.66	7.60	7.38	7.54	1.93	ppb
Molybdenum	96-1	9.44	9.48	9.33	9.42	0.84	ppb
Molybdenum	97-1	7.58	7.66	7.31	7.52	2.42	ppb
Molybdenum	98-1	7.30	7.20	7.34	7.28	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	184.08	178.18	184.83	182.36	2.00	ppb
Phosphorus	31-2	4360.31	4401.34	4349.17	4370.28	0.63	ppb
Potassium	39-2	7636.80	7671.44	7619.10	7642.45	0.35	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	2.67	3.30	3.03	3.00	10.51	ppb
Selenium	77-2	29.69	30.56	29.69	29.98	1.67	ppb
Selenium	78-2	5.77	5.80	6.63	6.07	8.06	ppb
Silicon	28-1	755.71	689.05	689.03	711.26	5.41	ppb
Silver	107-1	5.46	5.52	5.31	5.43	1.97	ppb
Silver	109-1	5.50	5.45	5.51	5.49	0.60	ppb
Sodium	23-2	1843.16	1854.09	1883.71	1860.32	1.13	ppb
Strontium	86-1	586.65	595.09	588.45	590.06	0.75	ppb
Strontium	88-1	585.57	578.12	586.91	583.53	0.81	ppb
Sulfur	34-1	4930.72	4148.71	3977.16	4352.20	11.68	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	1.25	1.12	1.35	1.24	9.48	ppb
Thallium	205-1	1.24	1.17	1.31	1.24	5.46	ppb
Tin	118-1	35.40	34.32	34.35	34.69	1.77	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-10	Instrumnet Name :	P8
Client Sample ID :	MH24L4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:47:38	DataFile Name :	070AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	441.79	441.35	432.05	438.40	1.25	ppb
Uranium	238-1	7.27	7.01	6.99	7.09	2.22	ppb
Vanadium	51-2	168.91	163.14	167.62	166.56	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				115		%
Zinc	66-2	2838.35	2814.07	2804.20	2818.87	0.62	ppb
Zirconium	90-1	3.15	2.92	3.01	3.03	3.69	ppb
Zirconium	91-1	2.92	3.01	3.07	3.00	2.52	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-11	Instrumnet Name :	P8
Client Sample ID :	MH24L5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:50:37	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24454.35	24146.48	23819.94	24140.26	1.31	ppb
Antimony	121-1	23.14	21.73	22.07	22.31	3.29	ppb
Arsenic	75-2	36.83	38.53	38.25	37.87	2.40	ppb
Barium	135-1	715.03	689.26	695.79	700.03	1.91	ppb
Barium	137-1	721.47	696.70	702.90	707.02	1.82	ppb
Beryllium	9-1	2.37	2.25	2.27	2.30	2.86	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	50.32	50.79	51.77	50.96	1.45	ppb
Boron	11-1	54.69	54.63	55.82	55.05	1.21	ppb
Bromine	81-1						cps
Cadmium	111-1	9.29	8.75	8.60	8.88	4.06	ppb
Cadmium	106-1	8.15	11.28	8.64	9.35	17.98	ppb
Cadmium	108-1	9.71	10.16	10.76	10.21	5.20	ppb
Calcium	43-1	92175.79	87714.08	89270.59	89720.16	2.52	ppb
Calcium	44-1	89287.78	86859.89	88343.80	88163.82	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.29	126.87	126.64	127.60	1.15	ppb
Cobalt	59-2	22.70	22.29	22.09	22.36	1.39	ppb
Copper	63-2	305.64	305.78	295.59	302.34	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	79919.56	80636.58	79789.99	80115.38	0.57	ppb
Iron	56-2	76761.54	77506.62	75711.39	76659.85	1.18	ppb
Iron	57-2	78740.43	79170.40	77257.86	78389.56	1.28	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-11	Instrumnet Name :	P8
Client Sample ID :	MH24L5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:50:37	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3651.92	3478.01	3602.08	3577.34	2.50	ppb
Lead	207-1	3349.44	3177.06	3178.45	3234.98	3.06	ppb
Lead	208-1	3476.73	3327.15	3318.60	3374.16	2.64	ppb
Lithium	6-1				106		%
Magnesium	24-2	12744.88	12600.51	12065.83	12470.41	2.87	ppb
Manganese	55-2	2022.86	1982.85	1953.07	1986.26	1.76	ppb
Molybdenum	94-1	8.89	9.35	8.87	9.04	3.02	ppb
Molybdenum	95-1	7.20	6.73	6.61	6.85	4.55	ppb
Molybdenum	96-1	8.12	8.11	7.77	8.00	2.52	ppb
Molybdenum	97-1	6.73	6.97	6.60	6.77	2.82	ppb
Molybdenum	98-1	6.94	6.84	6.71	6.83	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.86	60.97	61.37	61.40	0.73	ppb
Phosphorus	31-2	7226.22	7072.81	7106.01	7135.01	1.13	ppb
Potassium	39-2	9597.35	9712.80	9325.52	9545.22	2.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	3.97	4.18	3.60	3.92	7.42	ppb
Selenium	77-2	25.32	25.74	25.92	25.66	1.19	ppb
Selenium	78-2	8.20	9.94	6.59	8.25	20.32	ppb
Silicon	28-1	699.21	683.77	687.46	690.15	1.17	ppb
Silver	107-1	2.56	2.44	2.52	2.51	2.33	ppb
Silver	109-1	2.69	2.46	2.59	2.58	4.45	ppb
Sodium	23-2	917.14	861.84	855.41	878.13	3.86	ppb
Strontium	86-1	396.39	401.17	384.01	393.86	2.25	ppb
Strontium	88-1	394.22	387.48	389.63	390.44	0.88	ppb
Sulfur	34-1	379.32	-111.36	138.19	135.38	181.22	ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.71	0.63	0.63	0.65	6.97	ppb
Thallium	205-1	0.69	0.65	0.66	0.66	3.13	ppb
Tin	118-1	129.77	122.58	125.04	125.79	2.91	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-11	Instrumnet Name :	P8
Client Sample ID :	MH24L5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:50:37	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	338.60	331.34	333.05	334.33	1.14	ppb
Uranium	238-1	4.83	4.77	4.74	4.78	0.95	ppb
Vanadium	51-2	119.40	116.52	117.62	117.85	1.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				115		%
Zinc	66-2	2232.64	2226.72	2156.63	2205.33	1.92	ppb
Zirconium	90-1	1.99	1.90	1.84	1.91	3.97	ppb
Zirconium	91-1	1.83	1.88	1.99	1.90	4.29	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-12	Instrumnet Name :	P8
Client Sample ID :	MH24L6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:53:38	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26588.77	25655.96	25751.55	25998.76	1.97	ppb
Antimony	121-1	208.18	205.14	206.67	206.66	0.73	ppb
Arsenic	75-2	63.82	63.11	61.37	62.77	2.00	ppb
Barium	135-1	1201.22	1199.37	1174.09	1191.56	1.27	ppb
Barium	137-1	1240.72	1181.89	1199.10	1207.23	2.51	ppb
Beryllium	9-1	2.62	2.61	2.56	2.60	1.31	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	41.12	41.30	41.98	41.47	1.09	ppb
Boron	11-1	43.27	46.11	45.45	44.94	3.31	ppb
Bromine	81-1						cps
Cadmium	111-1	22.12	21.33	20.51	21.32	3.79	ppb
Cadmium	106-1	23.81	18.28	17.58	19.89	17.15	ppb
Cadmium	108-1	18.14	19.87	21.66	19.89	8.85	ppb
Calcium	43-1	86134.64	86161.79	83739.30	85345.24	1.63	ppb
Calcium	44-1	85609.31	83128.85	83043.64	83927.26	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.78	88.65	90.73	90.05	1.35	ppb
Cobalt	59-2	24.20	24.00	23.58	23.92	1.32	ppb
Copper	63-2	1598.84	1503.15	1541.20	1547.73	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	91151.15	86554.36	87641.88	88449.13	2.72	ppb
Iron	56-2	87483.58	84225.67	83803.78	85171.01	2.36	ppb
Iron	57-2	88653.70	86473.78	86744.94	87290.81	1.36	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-12	Instrumnet Name :	P8
Client Sample ID :	MH24L6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:53:38	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26931.21	26997.98	26921.19	26950.12	0.15	ppb
Lead	207-1	24345.32	24038.23	25245.30	24542.95	2.56	ppb
Lead	208-1	25390.89	25492.56	25921.77	25601.74	1.10	ppb
Lithium	6-1				105		%
Magnesium	24-2	11010.11	10717.28	10706.38	10811.26	1.59	ppb
Manganese	55-2	1983.18	1976.23	1944.31	1967.91	1.05	ppb
Molybdenum	94-1	11.23	11.71	11.81	11.58	2.66	ppb
Molybdenum	95-1	8.03	7.86	7.95	7.95	1.08	ppb
Molybdenum	96-1	9.36	9.17	9.39	9.31	1.26	ppb
Molybdenum	97-1	8.03	8.12	8.33	8.16	1.90	ppb
Molybdenum	98-1	7.74	8.07	7.82	7.88	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	81.19	76.63	79.49	79.11	2.91	ppb
Phosphorus	31-2	5041.33	4963.05	4971.70	4992.03	0.86	ppb
Potassium	39-2	7239.59	7095.76	7056.71	7130.69	1.35	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	4.43	5.45	4.51	4.79	11.83	ppb
Selenium	77-2	20.58	20.79	24.24	21.87	9.39	ppb
Selenium	78-2	8.42	6.48	7.62	7.51	12.99	ppb
Silicon	28-1	639.14	614.99	614.35	622.83	2.27	ppb
Silver	107-1	4.95	4.94	4.91	4.94	0.45	ppb
Silver	109-1	5.02	5.09	5.13	5.08	1.13	ppb
Sodium	23-2	826.09	819.36	815.60	820.35	0.65	ppb
Strontium	86-1	429.28	428.25	425.46	427.66	0.46	ppb
Strontium	88-1	426.82	429.41	437.73	431.32	1.32	ppb
Sulfur	34-1	810.97	617.94	782.90	737.27	14.15	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	0.98	0.94	1.02	0.98	4.30	ppb
Thallium	205-1	0.95	1.06	0.97	0.99	5.73	ppb
Tin	118-1	1451.30	1462.71	1446.58	1453.53	0.57	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-12	Instrumnet Name :	P8
Client Sample ID :	MH24L6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:53:38	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	402.87	399.96	393.59	398.81	1.19	ppb
Uranium	238-1	5.39	5.17	5.39	5.31	2.43	ppb
Vanadium	51-2	123.44	122.45	121.86	122.58	0.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	4020.11	3818.80	3830.19	3889.70	2.91	ppb
Zirconium	90-1	2.66	2.56	2.68	2.64	2.44	ppb
Zirconium	91-1	2.84	2.74	2.67	2.75	3.04	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-13	Instrumnet Name :	P8
Client Sample ID :	MH24L7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:56:40	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37998.04	39991.88	36579.13	38189.69	4.49	ppb
Antimony	121-1	82.46	84.43	79.47	82.12	3.05	ppb
Arsenic	75-2	63.81	63.80	61.88	63.16	1.76	ppb
Barium	135-1	2431.11	2453.28	2327.75	2404.05	2.79	ppb
Barium	137-1	2492.05	2490.20	2352.16	2444.80	3.28	ppb
Beryllium	9-1	4.55	4.66	4.48	4.56	1.99	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	66.78	70.21	71.02	69.34	3.24	ppb
Boron	11-1	71.86	75.07	75.95	74.29	2.90	ppb
Bromine	81-1						cps
Cadmium	111-1	24.67	24.64	23.63	24.31	2.44	ppb
Cadmium	106-1	23.20	24.01	25.72	24.31	5.28	ppb
Cadmium	108-1	25.59	24.47	22.73	24.26	5.93	ppb
Calcium	43-1	275365.40	280409.69	276035.21	277270.10	0.99	ppb
Calcium	44-1	277376.52	283165.56	282178.64	280906.91	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.77	97.46	94.94	96.72	1.60	ppb
Cobalt	59-2	34.55	34.11	33.83	34.16	1.07	ppb
Copper	63-2	6505.00	6411.66	6287.62	6401.43	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	114838.53	111874.44	108438.89	111717.29	2.87	ppb
Iron	56-2	112825.54	110297.42	107017.40	110046.79	2.65	ppb
Iron	57-2	114850.79	114874.22	108809.27	112844.76	3.10	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-13	Instrumnet Name :	P8
Client Sample ID :	MH24L7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:56:40	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	13031.20	12815.40	13343.65	13063.42	2.03	ppb
Lead	207-1	11731.75	12175.28	11871.56	11926.20	1.90	ppb
Lead	208-1	12357.89	12427.75	12306.47	12364.04	0.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	16914.25	16841.23	16157.29	16637.59	2.51	ppb
Manganese	55-2	3945.29	3857.94	3791.62	3864.95	1.99	ppb
Molybdenum	94-1	20.32	20.31	19.21	19.95	3.20	ppb
Molybdenum	95-1	7.04	6.71	6.43	6.72	4.52	ppb
Molybdenum	96-1	9.94	9.33	9.15	9.47	4.37	ppb
Molybdenum	97-1	6.96	6.61	6.47	6.68	3.74	ppb
Molybdenum	98-1	6.62	6.75	6.54	6.64	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.99	103.93	103.74	104.55	1.20	ppb
Phosphorus	31-2	4782.93	4824.54	4501.58	4703.02	3.74	ppb
Potassium	39-2	6311.47	6320.24	6104.50	6245.40	1.96	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	82-1	4.36	4.68	3.21	4.08	19.02	ppb
Selenium	77-2	21.18	26.09	20.77	22.68	13.04	ppb
Selenium	78-2	7.99	6.84	8.45	7.76	10.73	ppb
Silicon	28-1	1176.09	1310.38	1164.95	1217.14	6.65	ppb
Silver	107-1	9.01	8.99	8.85	8.95	0.97	ppb
Silver	109-1	9.42	9.25	8.92	9.20	2.78	ppb
Sodium	23-2	2148.21	2154.35	2112.42	2138.33	1.06	ppb
Strontium	86-1	831.58	833.59	810.08	825.08	1.58	ppb
Strontium	88-1	804.54	820.45	819.56	814.85	1.10	ppb
Sulfur	34-1	1385.00	1540.16	1216.11	1380.42	11.74	ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	1.13	1.02	1.00	1.05	6.68	ppb
Thallium	205-1	1.07	1.06	1.15	1.09	4.54	ppb
Tin	118-1	585.15	575.35	578.66	579.72	0.86	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-13	Instrumnet Name :	P8
Client Sample ID :	MH24L7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:56:40	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	872.03	893.85	852.97	872.95	2.34	ppb
Uranium	238-1	5.77	5.52	5.67	5.65	2.23	ppb
Vanadium	51-2	147.74	148.54	143.19	146.49	1.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				119		%
Zinc	66-2	7754.34	7614.13	7530.93	7633.13	1.48	ppb
Zirconium	90-1	8.24	8.06	7.77	8.02	2.97	ppb
Zirconium	91-1	8.02	7.98	7.54	7.85	3.35	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-14	Instrumnet Name :	P8
Client Sample ID :	MH24L8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:59:36	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25035.22	25278.58	24602.24	24972.02	1.37	ppb
Antimony	121-1	48.44	49.74	50.84	49.67	2.42	ppb
Arsenic	75-2	79.92	81.20	77.26	79.46	2.53	ppb
Barium	135-1	1223.70	1240.11	1291.79	1251.87	2.84	ppb
Barium	137-1	1243.13	1238.73	1263.32	1248.39	1.05	ppb
Beryllium	9-1	2.89	2.86	2.73	2.83	3.02	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	37.50	37.66	37.04	37.40	0.87	ppb
Boron	11-1	39.96	41.34	39.77	40.36	2.11	ppb
Bromine	81-1						cps
Cadmium	111-1	13.72	14.22	14.92	14.29	4.25	ppb
Cadmium	106-1	11.28	9.95	14.03	11.75	17.72	ppb
Cadmium	108-1	14.45	12.62	13.34	13.47	6.85	ppb
Calcium	43-1	195133.20	199089.26	194675.97	196299.47	1.24	ppb
Calcium	44-1	196570.89	195975.52	195948.26	196164.89	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.51	61.25	61.15	60.97	0.66	ppb
Cobalt	59-2	23.90	24.02	23.47	23.79	1.21	ppb
Copper	63-2	1267.55	1249.48	1239.50	1252.18	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				111		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	79757.29	79893.65	79840.46	79830.47	0.09	ppb
Iron	56-2	78278.20	79101.01	77536.92	78305.38	1.00	ppb
Iron	57-2	79938.80	80572.86	76354.58	78955.41	2.88	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-14	Instrumnet Name :	P8
Client Sample ID :	MH24L8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:59:36	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4671.27	4866.03	4526.07	4687.79	3.64	ppb
Lead	207-1	4429.94	4790.15	4462.52	4560.87	4.37	ppb
Lead	208-1	4499.93	4794.25	4505.45	4599.88	3.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	10583.76	10819.41	10547.21	10650.13	1.39	ppb
Manganese	55-2	1781.51	1804.60	1780.38	1788.83	0.76	ppb
Molybdenum	94-1	12.56	11.28	12.16	12.00	5.47	ppb
Molybdenum	95-1	4.73	4.76	4.77	4.75	0.47	ppb
Molybdenum	96-1	6.39	6.23	6.28	6.30	1.25	ppb
Molybdenum	97-1	4.47	4.81	4.76	4.68	3.89	ppb
Molybdenum	98-1	4.83	4.54	4.73	4.70	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.93	69.67	66.64	68.08	2.23	ppb
Phosphorus	31-2	2908.00	2916.23	2816.61	2880.28	1.92	ppb
Potassium	39-2	5274.32	5505.14	5242.69	5340.72	2.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				108		%
Selenium	82-1	2.93	2.53	2.72	2.73	7.36	ppb
Selenium	77-2	26.12	23.47	21.51	23.70	9.76	ppb
Selenium	78-2	4.99	6.72	4.70	5.47	19.92	ppb
Silicon	28-1	774.73	777.71	791.70	781.38	1.16	ppb
Silver	107-1	18.50	18.91	18.94	18.78	1.32	ppb
Silver	109-1	18.82	19.16	19.44	19.14	1.61	ppb
Sodium	23-2	1168.38	1187.53	1129.05	1161.65	2.57	ppb
Strontium	86-1	412.81	399.75	405.43	406.00	1.61	ppb
Strontium	88-1	409.34	404.50	400.09	404.64	1.14	ppb
Sulfur	34-1	-876.62	-928.27	-776.07	-860.32		ppb
Terbium	159-1				112		%
Terbium	159-2				112		%
Thallium	203-1	0.86	0.86	0.81	0.85	3.45	ppb
Thallium	205-1	0.90	0.91	0.91	0.91	0.50	ppb
Tin	118-1	92.28	94.45	95.43	94.05	1.71	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-14	Instrumnet Name :	P8
Client Sample ID :	MH24L8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:59:36	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	492.58	488.13	491.06	490.59	0.46	ppb
Uranium	238-1	3.69	3.70	3.74	3.71	0.70	ppb
Vanadium	51-2	123.42	124.37	125.13	124.31	0.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				117		%
Zinc	66-2	2147.62	2144.09	2097.89	2129.87	1.30	ppb
Zirconium	90-1	4.30	4.19	4.33	4.28	1.70	ppb
Zirconium	91-1	4.19	4.02	4.41	4.20	4.63	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-15	Instrumnet Name :	P8
Client Sample ID :	MH24L9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:02:38	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23982.95	23271.16	23462.13	23572.08	1.56	ppb
Antimony	121-1	16.70	16.58	16.73	16.67	0.47	ppb
Arsenic	75-2	48.39	47.17	46.98	47.51	1.61	ppb
Barium	135-1	721.22	729.33	723.22	724.59	0.58	ppb
Barium	137-1	742.58	719.45	738.00	733.34	1.67	ppb
Beryllium	9-1	2.40	2.45	2.40	2.42	1.14	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Boron	10-1	58.49	62.62	63.25	61.45	4.21	ppb
Boron	11-1	66.42	69.20	69.53	68.38	2.50	ppb
Bromine	81-1						cps
Cadmium	111-1	9.27	8.91	9.33	9.17	2.49	ppb
Cadmium	106-1	12.34	11.72	11.04	11.70	5.56	ppb
Cadmium	108-1	14.17	14.30	14.58	14.35	1.49	ppb
Calcium	43-1	92509.52	92889.15	93036.26	92811.64	0.29	ppb
Calcium	44-1	91346.94	90682.58	90783.64	90937.72	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.05	122.25	123.12	123.81	1.61	ppb
Cobalt	59-2	23.17	22.02	22.21	22.47	2.73	ppb
Copper	63-2	237.21	236.41	232.90	235.51	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	87141.55	83918.99	85556.93	85539.15	1.88	ppb
Iron	56-2	82737.73	83021.14	82406.42	82721.76	0.37	ppb
Iron	57-2	87824.96	84252.27	84736.22	85604.48	2.26	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-15	Instrumnet Name :	P8
Client Sample ID :	MH24L9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:02:38	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2668.78	2617.16	2538.49	2608.15	2.52	ppb
Lead	207-1	2486.14	2482.85	2389.41	2452.80	2.24	ppb
Lead	208-1	2538.24	2560.36	2441.72	2513.44	2.51	ppb
Lithium	6-1				106		%
Magnesium	24-2	12994.19	12491.31	12567.78	12684.43	2.14	ppb
Manganese	55-2	2203.38	2247.95	2123.98	2191.77	2.87	ppb
Molybdenum	94-1	8.42	8.12	8.13	8.22	2.06	ppb
Molybdenum	95-1	6.45	6.26	5.95	6.22	4.03	ppb
Molybdenum	96-1	7.76	7.47	7.30	7.51	3.04	ppb
Molybdenum	97-1	6.43	6.02	6.37	6.27	3.53	ppb
Molybdenum	98-1	6.42	6.14	6.32	6.29	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.39	58.69	58.33	59.47	2.81	ppb
Phosphorus	31-2	8422.39	8259.78	8693.33	8458.50	2.59	ppb
Potassium	39-2	11614.18	11646.54	11466.24	11575.65	0.83	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				109		%
Selenium	82-1	3.85	3.64	3.51	3.66	4.65	ppb
Selenium	77-2	30.12	32.67	31.81	31.53	4.12	ppb
Selenium	78-2	7.07	8.19	8.89	8.05	11.44	ppb
Silicon	28-1	985.66	935.91	917.76	946.44	3.71	ppb
Silver	107-1	2.78	2.69	2.64	2.70	2.64	ppb
Silver	109-1	2.85	2.85	2.89	2.87	0.80	ppb
Sodium	23-2	1712.93	1693.05	1691.41	1699.13	0.70	ppb
Strontium	86-1	394.31	390.39	385.29	390.00	1.16	ppb
Strontium	88-1	393.33	390.23	380.53	388.03	1.72	ppb
Sulfur	34-1	1115.94	1420.17	1444.21	1326.77	13.79	ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	0.62	0.65	0.70	0.66	6.24	ppb
Thallium	205-1	0.68	0.73	0.64	0.69	6.30	ppb
Tin	118-1	83.34	81.06	81.24	81.88	1.55	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-15	Instrumnet Name :	P8
Client Sample ID :	MH24L9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:02:38	DataFile Name :	075AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	353.73	357.42	355.20	355.45	0.52	ppb
Uranium	238-1	4.58	4.46	4.27	4.44	3.46	ppb
Vanadium	51-2	128.07	123.84	123.31	125.07	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				119		%
Zinc	66-2	2044.13	1988.73	2000.98	2011.28	1.45	ppb
Zirconium	90-1	1.67	1.47	1.61	1.58	6.32	ppb
Zirconium	91-1	1.55	1.54	1.61	1.56	2.64	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-16	Instrumnet Name :	P8
Client Sample ID :	MH24M0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:05:40	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20806.30	20333.18	20200.81	20446.76	1.56	ppb
Antimony	121-1	15.09	14.96	14.49	14.85	2.11	ppb
Arsenic	75-2	81.84	81.33	80.02	81.06	1.16	ppb
Barium	135-1	565.12	565.59	534.41	555.04	3.22	ppb
Barium	137-1	555.88	575.32	546.75	559.32	2.61	ppb
Beryllium	9-1	2.05	2.12	2.08	2.08	1.79	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	34.21	36.31	36.12	35.55	3.27	ppb
Boron	11-1	38.35	40.48	39.60	39.48	2.71	ppb
Bromine	81-1						cps
Cadmium	111-1	9.60	9.87	9.14	9.54	3.90	ppb
Cadmium	106-1	8.37	11.12	10.07	9.85	14.05	ppb
Cadmium	108-1	9.28	8.60	8.06	8.65	7.04	ppb
Calcium	43-1	75569.71	73141.05	73185.34	73965.36	1.88	ppb
Calcium	44-1	73720.46	74031.46	73612.59	73788.17	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75.22	73.56	72.88	73.89	1.63	ppb
Cobalt	59-2	20.02	19.51	19.55	19.70	1.45	ppb
Copper	63-2	225.41	223.14	219.74	222.76	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				111		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	74258.64	73752.88	72297.33	73436.28	1.39	ppb
Iron	56-2	72231.54	70044.79	70040.14	70772.16	1.79	ppb
Iron	57-2	74399.83	73095.95	70788.05	72761.28	2.51	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-16	Instrumnet Name :	P8
Client Sample ID :	MH24M0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:05:40	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2550.90	2698.42	2621.81	2623.71	2.81	ppb
Lead	207-1	2433.72	2431.27	2352.08	2405.69	1.93	ppb
Lead	208-1	2488.99	2522.11	2478.25	2496.45	0.92	ppb
Lithium	6-1				105		%
Magnesium	24-2	10391.97	10168.13	10017.67	10192.59	1.85	ppb
Manganese	55-2	1590.76	1556.24	1486.89	1544.63	3.42	ppb
Molybdenum	94-1	7.41	7.41	7.64	7.49	1.79	ppb
Molybdenum	95-1	4.77	4.62	4.69	4.70	1.58	ppb
Molybdenum	96-1	5.52	5.78	5.53	5.61	2.65	ppb
Molybdenum	97-1	4.08	4.94	4.63	4.55	9.67	ppb
Molybdenum	98-1	4.53	4.64	4.29	4.49	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.12	148.57	146.22	148.97	1.99	ppb
Phosphorus	31-2	4695.50	4387.07	4515.79	4532.79	3.42	ppb
Potassium	39-2	7321.12	7015.98	7046.39	7127.83	2.36	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				107		%
Selenium	82-1	3.77	4.02	3.31	3.70	9.69	ppb
Selenium	77-2	25.51	20.99	18.47	21.66	16.48	ppb
Selenium	78-2	7.60	5.09	5.24	5.98	23.56	ppb
Silicon	28-1	1308.62	1265.48	1277.29	1283.79	1.74	ppb
Silver	107-1	2.57	2.58	2.41	2.52	3.69	ppb
Silver	109-1	2.57	2.64	2.58	2.60	1.46	ppb
Sodium	23-2	668.32	653.06	642.41	654.60	1.99	ppb
Strontium	86-1	309.54	315.07	299.90	308.17	2.49	ppb
Strontium	88-1	302.52	313.57	300.17	305.42	2.34	ppb
Sulfur	34-1	-767.47	-1018.81	-774.47	-853.58		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.55	0.64	0.64	0.61	8.43	ppb
Thallium	205-1	0.60	0.63	0.65	0.63	3.77	ppb
Tin	118-1	61.27	59.94	55.78	59.00	4.86	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-16	Instrumnet Name :	P8
Client Sample ID :	MH24M0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:05:40	DataFile Name :	076AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	353.69	344.40	345.83	347.98	1.44	ppb
Uranium	238-1	3.60	3.88	3.59	3.69	4.44	ppb
Vanadium	51-2	113.83	112.46	109.49	111.92	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				116		%
Zinc	66-2	1612.85	1603.02	1562.87	1592.91	1.66	ppb
Zirconium	90-1	2.05	1.93	1.87	1.95	4.81	ppb
Zirconium	91-1	1.97	2.05	2.15	2.06	4.38	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-17	Instrumnet Name :	P8
Client Sample ID :	MH24M1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:08:46	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30341.61	29511.62	28988.63	29613.95	2.30	ppb
Antimony	121-1	199.33	186.45	196.46	194.08	3.48	ppb
Arsenic	75-2	97.15	97.57	97.21	97.31	0.24	ppb
Barium	135-1	1427.74	1365.67	1435.81	1409.74	2.72	ppb
Barium	137-1	1461.92	1410.28	1443.20	1438.47	1.82	ppb
Beryllium	9-1	3.67	3.59	3.68	3.65	1.32	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Boron	10-1	51.47	52.52	53.77	52.59	2.19	ppb
Boron	11-1	54.88	56.31	59.25	56.81	3.92	ppb
Bromine	81-1						cps
Cadmium	111-1	20.17	18.88	20.22	19.76	3.84	ppb
Cadmium	106-1	19.99	19.49	17.77	19.08	6.12	ppb
Cadmium	108-1	19.33	17.72	18.85	18.63	4.44	ppb
Calcium	43-1	110760.90	111504.38	109567.48	110610.92	0.88	ppb
Calcium	44-1	111805.07	113518.05	108438.97	111254.03	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85.16	83.38	82.43	83.66	1.66	ppb
Cobalt	59-2	29.69	29.60	29.92	29.73	0.56	ppb
Copper	63-2	906.49	910.86	902.31	906.55	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	115052.38	116120.20	112886.42	114686.33	1.44	ppb
Iron	56-2	111467.53	111905.43	109070.04	110814.34	1.38	ppb
Iron	57-2	112561.11	113866.71	113713.82	113380.55	0.63	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-17	Instrumnet Name :	P8
Client Sample ID :	MH24M1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:08:46	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	33182.33	32093.40	30977.96	32084.56	3.44	ppb
Lead	207-1	29861.00	28447.14	27516.18	28608.11	4.13	ppb
Lead	208-1	31123.63	30470.55	29267.47	30287.22	3.11	ppb
Lithium	6-1				106		%
Magnesium	24-2	12260.36	12865.78	11795.19	12307.11	4.36	ppb
Manganese	55-2	2697.92	2715.44	2686.46	2699.94	0.54	ppb
Molybdenum	94-1	11.15	11.01	11.47	11.21	2.07	ppb
Molybdenum	95-1	8.31	8.44	8.89	8.55	3.57	ppb
Molybdenum	96-1	9.81	9.59	9.95	9.78	1.89	ppb
Molybdenum	97-1	8.34	8.48	8.94	8.59	3.67	ppb
Molybdenum	98-1	8.51	8.62	9.05	8.73	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	185.30	186.41	182.75	184.82	1.02	ppb
Phosphorus	31-2	6178.54	6168.32	6062.25	6136.37	1.05	ppb
Potassium	39-2	6629.02	6623.84	6433.87	6562.24	1.69	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				117		%
Scandium	45-2				107		%
Selenium	82-1	5.69	4.61	5.70	5.33	11.70	ppb
Selenium	77-2	35.72	18.57	17.63	23.98	42.48	ppb
Selenium	78-2	6.83	9.27	9.52	8.54	17.43	ppb
Silicon	28-1	732.01	783.90	705.72	740.54	5.37	ppb
Silver	107-1	6.33	6.10	6.44	6.29	2.74	ppb
Silver	109-1	6.55	6.28	6.69	6.51	3.21	ppb
Sodium	23-2	1671.62	1644.12	1641.04	1652.26	1.02	ppb
Strontium	86-1	614.65	612.66	609.27	612.19	0.44	ppb
Strontium	88-1	613.18	609.02	608.83	610.34	0.40	ppb
Sulfur	34-1	1476.68	2192.17	1350.11	1672.99	27.14	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	1.08	1.15	1.08	1.10	3.93	ppb
Thallium	205-1	1.04	1.13	1.05	1.07	4.54	ppb
Tin	118-1	1042.76	979.13	1040.92	1020.93	3.55	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-17	Instrumnet Name :	P8
Client Sample ID :	MH24M1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:08:46	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	497.42	506.97	487.46	497.28	1.96	ppb
Uranium	238-1	5.45	5.65	5.22	5.44	3.90	ppb
Vanadium	51-2	142.95	140.42	138.51	140.63	1.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				117		%
Zinc	66-2	4321.40	4301.96	4234.38	4285.91	1.07	ppb
Zirconium	90-1	2.34	2.29	2.32	2.31	1.13	ppb
Zirconium	91-1	2.20	2.09	2.29	2.19	4.61	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-18	Instrumnet Name :	P8
Client Sample ID :	MH24M2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:11:46	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45971.59	45026.64	44867.39	45288.54	1.32	ppb
Antimony	121-1	95.13	93.15	93.76	94.01	1.08	ppb
Arsenic	75-2	66.77	66.72	65.84	66.44	0.79	ppb
Barium	135-1	2150.44	2112.34	2148.62	2137.13	1.01	ppb
Barium	137-1	2119.79	2062.38	2088.47	2090.21	1.38	ppb
Beryllium	9-1	6.30	6.12	6.29	6.23	1.60	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	119.64	121.53	121.41	120.86	0.87	ppb
Boron	11-1	126.71	132.82	129.92	129.82	2.35	ppb
Bromine	81-1						cps
Cadmium	111-1	19.34	18.67	20.00	19.34	3.44	ppb
Cadmium	106-1	19.70	19.56	18.28	19.18	4.07	ppb
Cadmium	108-1	19.27	18.30	18.20	18.59	3.17	ppb
Calcium	43-1	131342.08	128500.16	125594.02	128478.75	2.24	ppb
Calcium	44-1	128940.92	129693.50	126079.75	128238.06	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.30	76.89	77.17	78.12	2.42	ppb
Cobalt	59-2	37.80	36.11	35.74	36.55	3.00	ppb
Copper	63-2	681.32	656.87	651.21	663.13	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	118611.27	111341.92	110981.86	113645.02	3.79	ppb
Iron	56-2	114963.90	108149.22	106805.14	109972.75	3.98	ppb
Iron	57-2	114902.00	108324.99	107893.13	110373.38	3.56	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-18	Instrumnet Name :	P8
Client Sample ID :	MH24M2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:11:46	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	11807.50	11500.43	11338.72	11548.89	2.06	ppb
Lead	207-1	10489.10	10776.91	10321.87	10529.29	2.19	ppb
Lead	208-1	11122.80	11139.59	10847.52	11036.64	1.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	12302.15	11954.12	12142.40	12132.89	1.44	ppb
Manganese	55-2	3286.66	3051.33	2996.56	3111.52	4.95	ppb
Molybdenum	94-1	13.04	13.48	13.87	13.47	3.08	ppb
Molybdenum	95-1	7.17	6.78	7.13	7.03	3.03	ppb
Molybdenum	96-1	9.11	8.73	9.03	8.95	2.23	ppb
Molybdenum	97-1	7.30	7.14	7.06	7.16	1.74	ppb
Molybdenum	98-1	6.90	6.71	6.80	6.81	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	198.53	192.77	193.75	195.02	1.58	ppb
Phosphorus	31-2	13619.08	13604.54	12887.67	13370.43	3.13	ppb
Potassium	39-2	5866.14	5879.49	5596.29	5780.64	2.76	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				107		%
Selenium	82-1	3.42	3.41	3.73	3.52	5.11	ppb
Selenium	77-2	33.46	27.36	24.17	28.33	16.67	ppb
Selenium	78-2	8.06	8.30	5.70	7.35	19.54	ppb
Silicon	28-1	1015.94	1051.62	952.13	1006.56	5.01	ppb
Silver	107-1	8.28	8.09	8.16	8.17	1.14	ppb
Silver	109-1	8.56	8.35	8.45	8.45	1.25	ppb
Sodium	23-2	3764.03	3610.23	3561.60	3645.29	2.90	ppb
Strontium	86-1	889.63	865.54	911.05	888.74	2.56	ppb
Strontium	88-1	900.88	856.25	887.87	881.66	2.60	ppb
Sulfur	34-1	1270.03	1107.46	860.96	1079.48	19.08	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	1.05	1.05	1.05	1.05	0.25	ppb
Thallium	205-1	1.03	1.11	1.00	1.05	5.54	ppb
Tin	118-1	389.19	398.05	393.92	393.72	1.13	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-18	Instrumnet Name :	P8
Client Sample ID :	MH24M2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:11:46	DataFile Name :	078AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	884.63	858.53	852.41	865.19	1.98	ppb
Uranium	238-1	6.96	6.95	6.78	6.90	1.52	ppb
Vanadium	51-2	148.38	144.86	143.69	145.64	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				118		%
Zinc	66-2	3998.15	3826.57	3765.40	3863.37	3.12	ppb
Zirconium	90-1	4.39	4.31	4.51	4.40	2.27	ppb
Zirconium	91-1	4.25	4.06	4.51	4.27	5.38	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-19	Instrumnet Name :	P8
Client Sample ID :	MH24M3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:14:45	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19946.09	19922.10	19358.52	19742.24	1.68	ppb
Antimony	121-1	8.32	8.23	8.21	8.25	0.68	ppb
Arsenic	75-2	30.45	29.66	29.67	29.92	1.52	ppb
Barium	135-1	829.36	858.01	808.48	831.95	2.99	ppb
Barium	137-1	818.08	842.77	821.03	827.29	1.63	ppb
Beryllium	9-1	2.69	2.52	2.56	2.59	3.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	46.81	48.15	48.65	47.87	1.99	ppb
Boron	11-1	52.01	51.60	52.74	52.12	1.11	ppb
Bromine	81-1						cps
Cadmium	111-1	6.54	7.20	6.59	6.78	5.40	ppb
Cadmium	106-1	5.46	8.74	5.88	6.69	26.70	ppb
Cadmium	108-1	6.52	6.61	7.01	6.72	3.90	ppb
Calcium	43-1	254511.57	252505.60	258686.85	255234.67	1.24	ppb
Calcium	44-1	259819.83	253819.89	260267.53	257969.08	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81.94	81.20	78.82	80.65	2.02	ppb
Cobalt	59-2	19.67	20.48	18.92	19.69	3.97	ppb
Copper	63-2	172.22	173.73	164.84	170.26	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	60026.54	59728.16	56787.61	58847.44	3.04	ppb
Iron	56-2	58386.56	57745.36	56494.60	57542.17	1.67	ppb
Iron	57-2	55959.65	56586.34	54621.35	55722.44	1.80	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-19	Instrumnet Name :	P8
Client Sample ID :	MH24M3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:14:45	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	690.60	644.11	657.17	663.96	3.61	ppb
Lead	207-1	651.83	616.85	595.97	621.55	4.54	ppb
Lead	208-1	669.80	641.76	626.67	646.08	3.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	100589.79	101160.78	100162.05	100637.54	0.50	ppb
Manganese	55-2	2766.41	2699.28	2681.08	2715.59	1.65	ppb
Molybdenum	94-1	10.06	9.84	10.16	10.02	1.62	ppb
Molybdenum	95-1	7.73	7.51	7.65	7.63	1.45	ppb
Molybdenum	96-1	8.74	8.23	8.47	8.48	3.01	ppb
Molybdenum	97-1	7.64	7.53	7.64	7.60	0.82	ppb
Molybdenum	98-1	7.69	7.43	7.71	7.61	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.30	95.82	93.95	95.69	1.75	ppb
Phosphorus	31-2	4231.65	4097.70	4178.73	4169.36	1.62	ppb
Potassium	39-2	7531.06	7573.89	7189.68	7431.54	2.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	2.95	3.26	3.39	3.20	7.06	ppb
Selenium	77-2	18.96	16.79	35.19	23.65	42.51	ppb
Selenium	78-2	6.14	3.77	5.31	5.07	23.66	ppb
Silicon	28-1	2164.93	2160.18	2186.18	2170.43	0.64	ppb
Silver	107-1	2.04	2.17	2.09	2.10	3.28	ppb
Silver	109-1	2.28	2.20	2.12	2.20	3.66	ppb
Sodium	23-2	4159.15	4146.94	4096.78	4134.29	0.80	ppb
Strontium	86-1	408.72	389.26	394.19	397.39	2.55	ppb
Strontium	88-1	395.26	390.07	386.42	390.58	1.14	ppb
Sulfur	34-1	183.28	131.98	326.52	213.93	47.13	ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.68	0.59	0.64	0.63	6.69	ppb
Thallium	205-1	0.66	0.63	0.62	0.64	3.00	ppb
Tin	118-1	34.48	35.27	33.46	34.40	2.64	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-19	Instrumnet Name :	P8
Client Sample ID :	MH24M3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:14:45	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	583.08	571.94	560.77	571.93	1.95	ppb
Uranium	238-1	4.71	4.81	4.83	4.78	1.37	ppb
Vanadium	51-2	93.41	93.71	89.37	92.16	2.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	1159.50	1164.55	1116.59	1146.88	2.30	ppb
Zirconium	90-1	2.15	2.09	2.10	2.11	1.48	ppb
Zirconium	91-1	2.06	1.99	2.11	2.05	2.90	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-20	Instrumnet Name :	P8
Client Sample ID :	MH24M4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:17:47	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20134.42	20088.98	19547.61	19923.67	1.64	ppb
Antimony	121-1	8.43	8.73	8.41	8.52	2.09	ppb
Arsenic	75-2	36.29	36.70	37.54	36.84	1.74	ppb
Barium	135-1	988.71	1011.37	972.38	990.82	1.98	ppb
Barium	137-1	1001.18	985.81	988.02	991.67	0.84	ppb
Beryllium	9-1	2.46	2.48	2.43	2.45	0.99	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	33.88	35.17	34.84	34.63	1.94	ppb
Boron	11-1	36.17	37.29	37.06	36.84	1.60	ppb
Bromine	81-1						cps
Cadmium	111-1	8.22	8.11	8.01	8.11	1.26	ppb
Cadmium	106-1	8.97	8.15	6.07	7.73	19.37	ppb
Cadmium	108-1	8.16	7.82	6.70	7.56	10.10	ppb
Calcium	43-1	161432.78	159257.94	162611.41	161100.71	1.06	ppb
Calcium	44-1	161835.74	162261.09	161837.73	161978.18	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.88	43.14	42.57	42.86	0.67	ppb
Cobalt	59-2	20.17	19.70	19.65	19.84	1.46	ppb
Copper	63-2	165.48	163.86	162.55	163.96	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	54-2	64747.03	64813.60	62577.35	64045.99	1.99	ppb
Iron	56-2	63977.93	64510.25	61006.01	63164.73	2.99	ppb
Iron	57-2	64626.80	60676.58	59898.49	61733.96	4.11	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-20	Instrumnet Name :	P8
Client Sample ID :	MH24M4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:17:47	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	786.38	757.59	784.29	776.09	2.07	ppb
Lead	207-1	715.59	703.70	731.42	716.90	1.94	ppb
Lead	208-1	751.89	743.46	752.30	749.22	0.67	ppb
Lithium	6-1				106		%
Magnesium	24-2	21469.75	21089.42	20752.34	21103.84	1.70	ppb
Manganese	55-2	1596.31	1613.93	1583.36	1597.87	0.96	ppb
Molybdenum	94-1	17.88	17.61	17.09	17.53	2.30	ppb
Molybdenum	95-1	8.82	8.67	8.67	8.72	0.99	ppb
Molybdenum	96-1	10.23	9.86	9.59	9.89	3.22	ppb
Molybdenum	97-1	8.87	9.06	8.72	8.88	1.91	ppb
Molybdenum	98-1	8.95	8.61	8.48	8.68	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1022.75	1035.40	1014.65	1024.27	1.02	ppb
Phosphorus	31-2	2899.90	2827.54	2827.46	2851.64	1.47	ppb
Potassium	39-2	5778.61	5850.67	5701.31	5776.87	1.29	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				103		%
Selenium	82-1	4.01	4.32	4.03	4.12	4.19	ppb
Selenium	77-2	18.80	39.13	22.92	26.95	39.89	ppb
Selenium	78-2	6.54	7.00	6.94	6.82	3.67	ppb
Silicon	28-1	1154.70	1269.04	1186.58	1203.44	4.90	ppb
Silver	107-1	2.28	2.31	2.33	2.31	1.05	ppb
Silver	109-1	2.44	2.43	2.32	2.39	2.67	ppb
Sodium	23-2	2130.66	2144.44	2098.73	2124.61	1.10	ppb
Strontium	86-1	517.38	528.21	519.73	521.77	1.09	ppb
Strontium	88-1	529.33	524.89	523.54	525.92	0.58	ppb
Sulfur	34-1	-784.37	-567.81	-650.53	-667.57		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.81	0.78	0.77	0.78	2.50	ppb
Thallium	205-1	0.81	0.78	0.80	0.80	1.41	ppb
Tin	118-1	54.26	55.43	52.98	54.22	2.26	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-20	Instrumnet Name :	P8
Client Sample ID :	MH24M4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:17:47	DataFile Name :	080AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	521.97	526.48	520.53	523.00	0.59	ppb
Uranium	238-1	5.80	5.80	5.67	5.76	1.25	ppb
Vanadium	51-2	106.28	104.56	103.21	104.68	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				113		%
Zinc	66-2	1154.82	1160.17	1122.71	1145.90	1.77	ppb
Zirconium	90-1	5.72	5.43	5.38	5.51	3.31	ppb
Zirconium	91-1	5.69	5.60	5.36	5.55	3.10	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-21	Instrumnet Name :	P8
Client Sample ID :	MH24M5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:20:51	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23566.60	23803.92	22618.87	23329.79	2.69	ppb
Antimony	121-1	19.30	18.47	18.76	18.84	2.22	ppb
Arsenic	75-2	78.49	78.34	76.08	77.64	1.74	ppb
Barium	135-1	931.65	880.67	860.46	890.93	4.12	ppb
Barium	137-1	932.82	901.38	859.28	897.82	4.11	ppb
Beryllium	9-1	2.51	2.42	2.38	2.43	2.80	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	29.18	28.25	29.13	28.85	1.81	ppb
Boron	11-1	31.47	31.54	31.43	31.48	0.18	ppb
Bromine	81-1						cps
Cadmium	111-1	17.16	15.85	15.46	16.16	5.53	ppb
Cadmium	106-1	17.14	16.48	15.89	16.50	3.79	ppb
Cadmium	108-1	13.68	14.32	14.40	14.13	2.82	ppb
Calcium	43-1	211509.68	199423.19	192271.36	201068.08	4.84	ppb
Calcium	44-1	211619.43	200246.05	196113.29	202659.59	3.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.03	46.21	43.16	45.13	3.80	ppb
Cobalt	59-2	25.13	26.02	24.31	25.15	3.40	ppb
Copper	63-2	242.48	247.48	236.04	242.00	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				112		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	77709.30	78817.99	73016.26	76514.52	4.03	ppb
Iron	56-2	76643.70	75930.08	72693.57	75089.12	2.80	ppb
Iron	57-2	75897.79	78257.18	73175.49	75776.82	3.36	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-21	Instrumnet Name :	P8
Client Sample ID :	MH24M5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:20:51	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1859.79	1777.98	1704.35	1780.70	4.37	ppb
Lead	207-1	1818.86	1674.91	1609.16	1700.98	6.31	ppb
Lead	208-1	1829.53	1709.85	1640.31	1726.56	5.54	ppb
Lithium	6-1				105		%
Magnesium	24-2	15370.86	15455.93	14561.38	15129.39	3.26	ppb
Manganese	55-2	1934.22	1954.69	1818.07	1902.33	3.87	ppb
Molybdenum	94-1	17.01	16.44	15.72	16.39	3.93	ppb
Molybdenum	95-1	12.93	12.06	11.73	12.24	5.05	ppb
Molybdenum	96-1	13.97	13.49	12.74	13.40	4.60	ppb
Molybdenum	97-1	12.93	12.81	11.81	12.52	4.93	ppb
Molybdenum	98-1	12.64	12.66	11.93	12.41	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	280.27	284.99	270.99	278.75	2.56	ppb
Phosphorus	31-2	3642.01	3367.72	3426.74	3478.82	4.15	ppb
Potassium	39-2	7260.76	7363.91	6931.59	7185.42	3.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	82-1	5.38	4.96	4.75	5.03	6.36	ppb
Selenium	77-2	39.08	31.25	33.53	34.62	11.62	ppb
Selenium	78-2	10.32	6.59	7.45	8.12	24.06	ppb
Silicon	28-1	880.09	832.67	840.07	850.94	3.00	ppb
Silver	107-1	9.35	8.72	8.58	8.88	4.64	ppb
Silver	109-1	9.49	8.83	8.77	9.03	4.43	ppb
Sodium	23-2	1617.04	1657.05	1590.21	1621.44	2.07	ppb
Strontium	86-1	601.52	579.74	562.98	581.42	3.32	ppb
Strontium	88-1	598.34	570.28	565.25	577.95	3.09	ppb
Sulfur	34-1	1902.73	1030.88	775.76	1236.45	47.79	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	1.60	1.58	1.43	1.54	5.88	ppb
Thallium	205-1	1.67	1.59	1.53	1.60	4.60	ppb
Tin	118-1	167.26	164.09	156.38	162.58	3.44	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-21	Instrumnet Name :	P8
Client Sample ID :	MH24M5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:20:51	DataFile Name :	081AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	560.19	529.18	501.06	530.14	5.58	ppb
Uranium	238-1	6.99	6.83	6.53	6.78	3.46	ppb
Vanadium	51-2	161.23	161.08	152.49	158.26	3.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				114		%
Zinc	66-2	2049.68	2090.03	1988.10	2042.60	2.51	ppb
Zirconium	90-1	3.43	3.12	3.18	3.24	5.17	ppb
Zirconium	91-1	3.29	3.15	3.39	3.27	3.64	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-22	Instrumnet Name :	P8
Client Sample ID :	MH24M6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:23:52	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30215.92	29415.60	29129.76	29587.09	1.90	ppb
Antimony	121-1	49.58	49.85	48.53	49.32	1.41	ppb
Arsenic	75-2	139.07	138.49	136.08	137.88	1.15	ppb
Barium	135-1	1366.09	1340.06	1350.89	1352.35	0.97	ppb
Barium	137-1	1375.70	1389.30	1342.10	1369.03	1.77	ppb
Beryllium	9-1	3.91	3.87	3.75	3.84	2.15	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	47.47	50.54	50.17	49.39	3.39	ppb
Boron	11-1	52.72	53.23	53.95	53.30	1.16	ppb
Bromine	81-1						cps
Cadmium	111-1	21.57	21.14	20.70	21.13	2.07	ppb
Cadmium	106-1	20.69	21.42	18.12	20.08	8.63	ppb
Cadmium	108-1	21.35	18.97	18.61	19.64	7.59	ppb
Calcium	43-1	198816.94	190974.11	184690.88	191493.98	3.70	ppb
Calcium	44-1	191864.63	184338.33	185958.75	187387.24	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.93	51.58	51.64	52.05	1.46	ppb
Cobalt	59-2	35.24	34.31	34.69	34.75	1.35	ppb
Copper	63-2	384.11	380.72	378.21	381.02	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	93125.04	90902.53	92481.37	92169.65	1.24	ppb
Iron	56-2	89793.95	88649.45	87639.04	88694.15	1.22	ppb
Iron	57-2	92964.38	90651.43	90127.25	91247.68	1.65	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-22	Instrumnet Name :	P8
Client Sample ID :	MH24M6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:23:52	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2346.84	2235.93	2266.58	2283.12	2.51	ppb
Lead	207-1	2146.96	2169.55	2135.01	2150.51	0.82	ppb
Lead	208-1	2228.91	2198.39	2182.26	2203.19	1.08	ppb
Lithium	6-1				105		%
Magnesium	24-2	20390.52	19149.50	19497.32	19679.12	3.25	ppb
Manganese	55-2	2527.73	2488.21	2488.67	2501.53	0.91	ppb
Molybdenum	94-1	26.05	25.56	25.81	25.81	0.94	ppb
Molybdenum	95-1	17.99	17.76	18.95	18.23	3.45	ppb
Molybdenum	96-1	19.14	19.25	20.22	19.54	3.03	ppb
Molybdenum	97-1	19.05	17.84	18.61	18.50	3.30	ppb
Molybdenum	98-1	17.97	17.51	18.14	17.87	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	419.03	410.99	404.02	411.35	1.83	ppb
Phosphorus	31-2	4059.11	3986.14	3929.41	3991.55	1.63	ppb
Potassium	39-2	8355.10	8090.77	8143.28	8196.38	1.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				104		%
Selenium	82-1	8.69	7.99	8.15	8.28	4.41	ppb
Selenium	77-2	23.39	43.93	37.51	34.95	30.06	ppb
Selenium	78-2	13.22	10.95	13.17	12.45	10.44	ppb
Silicon	28-1	697.31	750.05	652.37	699.91	6.99	ppb
Silver	107-1	19.82	19.44	19.18	19.48	1.66	ppb
Silver	109-1	19.79	19.99	20.10	19.96	0.80	ppb
Sodium	23-2	2260.80	2227.11	2216.15	2234.69	1.04	ppb
Strontium	86-1	844.62	818.28	846.50	836.47	1.89	ppb
Strontium	88-1	829.93	837.79	845.12	837.61	0.91	ppb
Sulfur	34-1	5976.56	5424.47	4609.23	5336.75	12.89	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	2.02	2.03	2.03	2.03	0.26	ppb
Thallium	205-1	2.08	2.09	1.99	2.05	2.46	ppb
Tin	118-1	85.65	84.97	83.08	84.57	1.58	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-22	Instrumnet Name :	P8
Client Sample ID :	MH24M6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:23:52	DataFile Name :	082AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	561.55	538.40	538.06	546.00	2.47	ppb
Uranium	238-1	9.26	9.11	9.12	9.16	0.91	ppb
Vanadium	51-2	178.66	172.83	171.81	174.44	2.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				115		%
Zinc	66-2	2048.48	2021.08	2014.71	2028.09	0.88	ppb
Zirconium	90-1	5.98	6.01	6.19	6.06	1.89	ppb
Zirconium	91-1	5.60	5.90	5.99	5.83	3.52	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:33:02	DataFile Name :	085CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50333.83	50551.60	48323.88	49736.44	2.47	ppb
Antimony	121-1	499.48	493.91	495.89	496.42	0.57	ppb
Arsenic	75-2	519.37	522.47	482.14	508.00	4.42	ppb
Barium	135-1	2609.64	2571.79	2575.48	2585.64	0.81	ppb
Barium	137-1	2538.52	2600.55	2595.75	2578.27	1.34	ppb
Beryllium	9-1	512.14	528.10	495.96	512.06	3.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	496.57	527.34	500.62	508.18	3.29	ppb
Boron	11-1	530.26	562.44	537.92	543.54	3.09	ppb
Bromine	81-1						cps
Cadmium	111-1	513.94	503.26	502.26	506.49	1.28	ppb
Cadmium	106-1	527.73	509.20	515.82	517.58	1.81	ppb
Cadmium	108-1	520.23	512.32	507.35	513.30	1.27	ppb
Calcium	43-1	233624.05	248811.11	239874.50	240769.88	3.17	ppb
Calcium	44-1	227983.80	245933.12	234563.23	236160.05	3.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	536.39	536.17	512.39	528.32	2.61	ppb
Cobalt	59-2	507.14	508.97	494.30	503.47	1.59	ppb
Copper	63-2	5399.62	5429.02	5238.19	5355.61	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	54-2	131256.58	130746.99	122316.14	128106.57	3.92	ppb
Iron	56-2	125389.19	124746.73	117028.49	122388.13	3.80	ppb
Iron	57-2	127058.47	125490.14	122879.93	125142.85	1.69	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:33:02	DataFile Name :	085CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2620.99	2607.84	2493.33	2574.05	2.73	ppb
Lead	207-1	2585.32	2623.04	2551.13	2586.50	1.39	ppb
Lead	208-1	2604.63	2662.13	2512.89	2593.22	2.90	ppb
Lithium	6-1				96		%
Magnesium	24-2	249918.73	247913.72	237668.23	245166.89	2.68	ppb
Manganese	55-2	5418.84	5499.51	5145.53	5354.63	3.46	ppb
Molybdenum	94-1	5199.74	5255.95	5286.59	5247.43	0.84	ppb
Molybdenum	95-1	5200.28	5252.06	5200.13	5217.49	0.57	ppb
Molybdenum	96-1	5217.70	5106.30	5244.43	5189.48	1.41	ppb
Molybdenum	97-1	5293.20	5146.21	5277.72	5239.04	1.54	ppb
Molybdenum	98-1	5361.82	5235.12	5237.17	5278.04	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.98	552.73	529.72	543.14	2.20	ppb
Phosphorus	31-2	10509.78	10557.55	10165.60	10410.98	2.05	ppb
Potassium	39-2	124215.59	119095.93	116827.29	120046.27	3.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				93		%
Selenium	82-1	509.02	528.18	506.18	514.46	2.33	ppb
Selenium	77-2	517.27	558.04	472.76	516.03	8.27	ppb
Selenium	78-2	525.49	549.61	493.42	522.84	5.39	ppb
Silicon	28-1	387.70	423.17	397.34	402.74	4.55	ppb
Silver	107-1	520.35	513.16	501.81	511.77	1.83	ppb
Silver	109-1	521.25	512.45	513.06	515.59	0.95	ppb
Sodium	23-2	247440.39	256243.79	238099.44	247261.20	3.67	ppb
Strontium	86-1	12981.63	13525.21	12738.95	13081.93	3.08	ppb
Strontium	88-1	13035.70	12829.89	12799.61	12888.40	1.00	ppb
Sulfur	34-1	10936.16	11771.18	10579.94	11095.76	5.51	ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	533.98	548.82	525.10	535.97	2.24	ppb
Thallium	205-1	529.32	539.01	519.14	529.16	1.88	ppb
Tin	118-1	509.41	504.14	514.48	509.34	1.01	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:33:02	DataFile Name :	085CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5178.18	5281.57	5035.78	5165.18	2.39	ppb
Uranium	238-1	522.87	543.64	517.60	528.04	2.61	ppb
Vanadium	51-2	535.46	535.56	518.04	529.69	1.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	5087.03	5243.32	4952.22	5094.19	2.86	ppb
Zirconium	90-1	535.91	531.66	530.81	532.79	0.51	ppb
Zirconium	91-1	521.94	521.59	522.17	521.90	0.06	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:40:09	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.96	2.23	1.22	74.22	ppb
Antimony	121-1	0.10	0.11	0.18	0.13	32.74	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	47.01	ppb
Barium	135-1	0.03	0.09	0.05	0.06	55.13	ppb
Barium	137-1	0.05	0.05	0.07	0.06	24.87	ppb
Beryllium	9-1	0.06	0.07	0.06	0.06	4.49	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	18.70	17.94	17.38	18.01	3.66	ppb
Boron	11-1	20.53	19.40	18.54	19.49	5.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.22	-0.10	-0.02	-0.11		ppb
Cadmium	106-1	-2.90	-1.60	-0.84	-1.78		ppb
Cadmium	108-1	0.05	0.21	-0.05	0.07	190.35	ppb
Calcium	43-1	7.15	4.12	2.89	4.72	46.38	ppb
Calcium	44-1	-6.81	-3.05	-6.45	-5.44		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.02	0.02	31.25	ppb
Cobalt	59-2	0.00	0.03	0.02	0.02	83.17	ppb
Copper	63-2	0.29	0.38	0.35	0.34	13.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	2.29	6.80	5.57	4.89	47.75	ppb
Iron	56-2	3.64	6.18	7.14	5.65	31.92	ppb
Iron	57-2	6.39	5.04	8.33	6.59	25.09	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:40:09	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.19	0.10	0.15	31.01	ppb
Lead	207-1	0.16	0.26	0.09	0.17	49.80	ppb
Lead	208-1	0.14	0.20	0.12	0.15	26.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	5.66	9.23	9.95	8.28	27.78	ppb
Manganese	55-2	0.17	0.17	0.35	0.23	44.11	ppb
Molybdenum	94-1	0.20	0.21	0.18	0.20	7.56	ppb
Molybdenum	95-1	0.17	0.25	0.11	0.18	39.57	ppb
Molybdenum	96-1	0.24	0.23	0.16	0.21	21.42	ppb
Molybdenum	97-1	0.22	0.29	0.16	0.22	27.62	ppb
Molybdenum	98-1	0.18	0.28	0.19	0.22	24.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	12.70	-10.30	-10.70	-2.77		ppb
Potassium	39-2	26.94	15.64	22.90	21.83	26.23	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	0.20	-0.51	-0.42	-0.24		ppb
Selenium	77-2	-0.43	0.95	-0.43	0.03	2901.96	ppb
Selenium	78-2	-0.53	-0.98	-0.75	-0.75		ppb
Silicon	28-1	-22.68	-19.66	-23.04	-21.80		ppb
Silver	107-1	0.22	0.17	0.18	0.19	13.23	ppb
Silver	109-1	0.23	0.24	0.19	0.22	12.24	ppb
Sodium	23-2	38.66	42.37	41.22	40.75	4.67	ppb
Strontium	86-1	0.34	0.42	0.35	0.37	11.89	ppb
Strontium	88-1	0.31	0.35	0.22	0.29	22.56	ppb
Sulfur	34-1	-1336.95	-1022.52	-1420.07	-1259.85		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.11	0.07	0.09	25.52	ppb
Thallium	205-1	0.11	0.09	0.08	0.09	13.80	ppb
Tin	118-1	-0.02	-0.04	0.00	-0.02		ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:40:09	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.15	0.03	0.12	66.88	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	27.39	ppb
Vanadium	51-2	0.00	0.00	0.02	0.01	105.27	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	0.24	0.22	0.05	0.17	62.80	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	27.99	ppb
Zirconium	91-1	0.04	0.01	0.02	0.02	68.05	ppb

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 07:59:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69	77	101	82	20.39	cps
Antimony	121-1	8	33	58	33	75.02	cps
Arsenic	75-2	5	4	2	4	41.66	cps
Barium	135-1	25	17	8	17	50.01	cps
Barium	137-1	25	33	0	19	89.21	cps
Beryllium	9-1	54	57	44	52	13.76	cps
Bismuth	209-1	3017962	3044855	3018567	3027128	0.51	cps
Bismuth	209-2	1552772	1505913	1558273	1538986	1.87	cps
Boron	10-1	174	164	180	173	4.68	cps
Boron	11-1	748	758	716	741	2.96	cps
Bromine	81-1	33946	32692	33334	33324	1.88	cps
Cadmium	111-1	1575	1771	1649	1665	5.96	cps
Cadmium	106-1	2242	2525	2317	2361	6.22	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	180	160	135	158	14.24	cps
Calcium	44-1	11028	10815	10671	10838	1.65	cps
Carbon	12-1	4265900	4283682	4279387	4276323	0.22	cps
Carbon	12-2	45922	45463	46533	45972	1.17	cps
Chlorine	35-1	105374	105676	105634	105561	0.16	cps
Chlorine	35-2	583	625	633	614	4.36	cps
Chromium	52-2	377	370	340	362	5.39	cps
Cobalt	59-2	53	47	43	48	10.66	cps
Copper	63-2	450	427	417	431	3.97	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	67	36	74.18	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	110	80	80	90	19.25	cps
Holmium	165-1	5159241	5102355	5037745	5099780	1.19	cps
Holmium	165-2	2209480	2263622	2235342	2236148	1.21	cps
Indium	115-1	4588321	4485142	4420387	4497950	1.88	cps
Indium	115-2	656592	651278	655812	654561	0.44	cps
Iron	54-2	422	511	378	437	15.53	cps
Iron	56-2	2111	2195	2400	2235	6.65	cps
Iron	57-2	189	233	222	215	10.77	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 07:59:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	407	395	376	393	4.00	cps
Lead	206-1	428	428	528	461	12.52	cps
Lead	207-1	361	283	322	322	12.07	cps
Lead	208-1	1756	1600	1728	1695	4.90	cps
Lithium	6-1	2986044	3003625	2982121	2990597	0.38	cps
Magnesium	24-2	292	325	333	317	6.96	cps
Manganese	55-2	30	13	33	26	41.94	cps
Molybdenum	94-1	133	58	42	78	62.78	cps
Molybdenum	95-1	8	8	25	14	69.31	cps
Molybdenum	96-1	117	50	142	103	46.11	cps
Molybdenum	97-1	8	0	25	11	114.58	cps
Molybdenum	98-1	17	42	17	25	57.73	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	23	23	28	27.73	cps
Phosphorus	31-2	58	125	83	89	37.89	cps
Potassium	39-2	20248	20540	20999	20596	1.84	cps
Rhodium	103-1	4591348	4553386	4464007	4536247	1.44	cps
Rhodium	103-2	1870581	1881664	1846764	1866336	0.96	cps
Scandium	45-1	3512369	3542978	3600128	3551825	1.25	cps
Scandium	45-2	106539	107166	108231	107312	0.80	cps
Selenium	82-1	-15	3	46	11	280.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	46	54	53	51	8.56	cps
Silicon	28-1	929895	932791	945588	936091	0.89	cps
Silver	107-1	200	125	158	161	23.33	cps
Silver	109-1	117	75	133	108	27.74	cps
Sodium	23-2	14049	12848	13390	13429	4.48	cps
Strontium	86-1	617	617	708	647	8.18	cps
Strontium	88-1	233	158	158	183	23.62	cps
Sulfur	34-1	433912	435337	429620	432956	0.69	cps
Terbium	159-1	5224145	5231851	5254190	5236729	0.30	cps
Terbium	159-2	2161833	2152915	2161688	2158812	0.24	cps
Thallium	203-1	125	75	75	92	31.49	cps
Thallium	205-1	167	225	158	183	19.81	cps
Tin	118-1	417	308	400	375	15.56	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 07:59:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	175	108	156	26.43	cps
Uranium	238-1	33	25	8	22	57.29	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Ytterbium	172-1	50	33	50	44	21.66	cps
Ytterbium	172-2	11	22	17	17	33.33	cps
Ytterbium	176-1	825	717	758	767	7.13	cps
Ytterbium	176-2	4445	5018	4918	4794	6.38	cps
Yttrium	89-1	7197905	7158728	7091312	7149315	0.75	cps
Yttrium	89-2	725473	720403	730293	725389	0.68	cps
Zinc	66-2	123	143	150	139	9.99	cps
Zirconium	90-1	208	367	267	281	28.54	cps
Zirconium	91-1	8	42	42	31	62.99	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:02:47	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	781	716	738	5.04	cps
Antimony	121-1	6618	6785	7094	6832	3.53	cps
Arsenic	75-2	118	124	98	113	12.01	cps
Barium	135-1	7519	7627	7569	7572	0.72	cps
Barium	137-1	13732	14033	13023	13596	3.81	cps
Beryllium	9-1	2134	2004	1924	2020	5.25	cps
Bismuth	209-1	3059142	3142324	3116564	3106010	1.37	cps
Bismuth	209-2	1541210	1559948	1529044	1543401	1.01	cps
Boron	10-1	5834	6296	6322	6151	4.46	cps
Boron	11-1	26430	28812	28133	27792	4.42	cps
Bromine	81-1	34479	32030	32631	33047	3.86	cps
Cadmium	111-1	2479	2681	2779	2646	5.79	cps
Cadmium	106-1	2067	2500	2659	2409	12.72	cps
Cadmium	108-1	121	129	75	108	26.92	cps
Calcium	43-1	6883	6951	6941	6925	0.53	cps
Calcium	44-1	123098	121994	120488	121860	1.08	cps
Carbon	12-1	4195921	4205015	4179205	4193381	0.31	cps
Carbon	12-2	45078	45162	44627	44956	0.64	cps
Chlorine	35-1	111091	111091	110151	110778	0.49	cps
Chlorine	35-2	642	658	567	622	7.85	cps
Chromium	52-2	2280	2367	2264	2304	2.41	cps
Cobalt	59-2	1937	1987	1803	1909	4.97	cps
Copper	63-2	3444	3631	3314	3463	4.60	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	17	20	7	14	48.02	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	47	63	63	58	16.65	cps
Holmium	165-1	5036189	5219654	5015931	5090592	2.20	cps
Holmium	165-2	2195702	2136500	2182642	2171615	1.43	cps
Indium	115-1	4388719	4638632	4469986	4499112	2.83	cps
Indium	115-2	652554	653083	648370	651336	0.40	cps
Iron	54-2	2800	2800	2900	2834	2.04	cps
Iron	56-2	42558	42285	41305	42049	1.57	cps
Iron	57-2	1317	1133	1261	1237	7.60	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:02:47	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	401	326	391	373	10.92	cps
Lead	206-1	2689	2784	2545	2673	4.50	cps
Lead	207-1	2261	2673	2150	2361	11.65	cps
Lead	208-1	10830	11274	10374	10826	4.16	cps
Lithium	6-1	2963185	3108669	2898622	2990159	3.60	cps
Magnesium	24-2	46700	45530	44886	45706	2.01	cps
Manganese	55-2	547	583	573	568	3.34	cps
Molybdenum	94-1	7969	8178	8153	8100	1.41	cps
Molybdenum	95-1	10638	10771	9320	10243	7.83	cps
Molybdenum	96-1	11163	11347	10946	11152	1.80	cps
Molybdenum	97-1	6160	6460	6443	6354	2.65	cps
Molybdenum	98-1	16060	16702	15809	16190	2.84	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	680	603	490	591	16.17	cps
Phosphorus	31-2	183	108	125	139	28.35	cps
Potassium	39-2	51333	50289	48925	50183	2.41	cps
Rhodium	103-1	4362032	4461235	4476570	4433279	1.40	cps
Rhodium	103-2	1865516	1864519	1839087	1856374	0.81	cps
Scandium	45-1	3590949	3516242	3595286	3567492	1.25	cps
Scandium	45-2	105760	107614	106468	106614	0.88	cps
Selenium	82-1	455	506	427	463	8.63	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	95	101	87	94	7.44	cps
Silicon	28-1	952577	955073	953141	953597	0.14	cps
Silver	107-1	5218	5126	5460	5268	3.27	cps
Silver	109-1	5009	4859	4859	4909	1.76	cps
Sodium	23-2	94967	92384	92753	93368	1.50	cps
Strontium	86-1	1975	1934	1708	1872	7.66	cps
Strontium	88-1	10779	10988	10354	10707	3.02	cps
Sulfur	34-1	436389	439706	434398	436831	0.61	cps
Terbium	159-1	5217345	5468951	5266357	5317551	2.51	cps
Terbium	159-2	2140629	2183658	2120768	2148352	1.50	cps
Thallium	203-1	2942	3150	2875	2989	4.80	cps
Thallium	205-1	7461	7477	7177	7372	2.29	cps
Tin	118-1	15593	16077	14208	15292	6.34	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:02:47	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3459	3867	3350	3559	7.66	cps
Uranium	238-1	9312	9470	9187	9323	1.52	cps
Vanadium	51-2	4067	3914	3777	3919	3.70	cps
Ytterbium	172-1	33	42	25	33	25.01	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	775	775	717	756	4.46	cps
Ytterbium	176-2	4762	5107	5134	5001	4.15	cps
Yttrium	89-1	7220240	7157067	7070786	7149364	1.05	cps
Yttrium	89-2	735069	729894	724313	729759	0.74	cps
Zinc	66-2	513	537	483	511	5.23	cps
Zirconium	90-1	6819	6985	7119	6974	2.16	cps
Zirconium	91-1	1583	1408	1625	1539	7.47	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:06:00	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36135	35527	35113	35592	1.44	cps
Antimony	121-1	182947	183521	179717	182062	1.13	cps
Arsenic	75-2	5609	5762	5555	5642	1.90	cps
Barium	135-1	211788	208383	207295	209155	1.12	cps
Barium	137-1	363552	367228	351521	360767	2.28	cps
Beryllium	9-1	101502	102173	99236	100970	1.52	cps
Bismuth	209-1	3153601	3072120	3069247	3098322	1.55	cps
Bismuth	209-2	1625494	1575261	1617188	1605981	1.68	cps
Boron	10-1	18244	18412	19261	18639	2.93	cps
Boron	11-1	82481	86338	86578	85132	2.70	cps
Bromine	81-1	33776	34900	32933	33870	2.91	cps
Cadmium	111-1	57363	57553	57986	57634	0.55	cps
Cadmium	106-1	9078	8670	8803	8850	2.35	cps
Cadmium	108-1	4455	4259	4330	4348	2.28	cps
Calcium	43-1	78266	79556	76671	78164	1.85	cps
Calcium	44-1	1235129	1234949	1201768	1223948	1.57	cps
Carbon	12-1	4105338	4180173	4170380	4151964	0.98	cps
Carbon	12-2	44610	44527	43766	44301	1.05	cps
Chlorine	35-1	106557	110814	108866	108746	1.96	cps
Chlorine	35-2	633	558	583	592	6.45	cps
Chromium	52-2	53597	52453	51589	52546	1.92	cps
Cobalt	59-2	93850	93656	92646	93384	0.69	cps
Copper	63-2	744504	730522	731236	735420	1.07	cps
Dysprosium	156-1	58	17	25	33	66.13	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	75	75	50	67	21.65	cps
Gadolinium	160-2	77	73	43	64	28.49	cps
Holmium	165-1	5079528	5116391	5173458	5123126	0.92	cps
Holmium	165-2	2332318	2205229	2237419	2258322	2.93	cps
Indium	115-1	4439746	4620499	4522168	4527471	2.00	cps
Indium	115-2	670996	659285	669107	666463	0.94	cps
Iron	54-2	122959	122533	117204	120899	2.65	cps
Iron	56-2	2256970	2201673	2151704	2203449	2.39	cps
Iron	57-2	56077	53907	54471	54818	2.05	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:06:00	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	442	422	396	420	5.52	cps
Lead	206-1	646065	632040	639444	639183	1.10	cps
Lead	207-1	579234	571849	571267	574117	0.77	cps
Lead	208-1	2631920	2600320	2566720	2599654	1.25	cps
Lithium	6-1	3019619	3090316	3050982	3053639	1.16	cps
Magnesium	24-2	510505	505088	489484	501692	2.18	cps
Manganese	55-2	273671	270396	261804	268623	2.28	cps
Molybdenum	94-1	730670	730529	717030	726077	1.08	cps
Molybdenum	95-1	1045066	1052478	1028404	1041983	1.18	cps
Molybdenum	96-1	1158828	1135972	1138532	1144444	1.09	cps
Molybdenum	97-1	669866	653982	651450	658433	1.52	cps
Molybdenum	98-1	1687017	1704235	1658911	1683388	1.36	cps
Neodymium	150-1	20	40	33	31	32.73	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	26331	25804	25730	25955	1.26	cps
Phosphorus	31-2	2325	2284	2575	2395	6.59	cps
Potassium	39-2	181170	181557	179102	180610	0.73	cps
Rhodium	103-1	4541696	4532830	4446070	4506865	1.17	cps
Rhodium	103-2	1871232	1884966	1928382	1894860	1.57	cps
Scandium	45-1	3513730	3737626	3710006	3653787	3.34	cps
Scandium	45-2	109245	107938	107771	108318	0.75	cps
Selenium	82-1	5193	5092	4873	5053	3.24	cps
Selenium	77-2	140	120	117	126	10.05	cps
Selenium	78-2	580	540	516	545	5.93	cps
Silicon	28-1	1687406	1670899	1680146	1679483	0.49	cps
Silver	107-1	279523	276392	269681	275199	1.83	cps
Silver	109-1	264344	264000	255020	261121	2.02	cps
Sodium	23-2	941439	921205	885803	916149	3.07	cps
Strontium	86-1	1652784	1680798	1629813	1654465	1.54	cps
Strontium	88-1	14253076	14002478	14045160	14100238	0.95	cps
Sulfur	34-1	475033	468749	467315	470365	0.87	cps
Terbium	159-1	5453539	5424763	5579886	5486062	1.50	cps
Terbium	159-2	2261982	2218952	2255230	2245388	1.03	cps
Thallium	203-1	157579	155476	152271	155108	1.72	cps
Thallium	205-1	380807	372937	370227	374657	1.47	cps
Tin	118-1	162264	163072	156607	160647	2.19	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:06:00	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	346933	348996	343025	346318	0.88	cps
Uranium	238-1	481094	485462	461086	475881	2.73	cps
Vanadium	51-2	41758	41540	40407	41235	1.76	cps
Ytterbium	172-1	42	25	92	53	65.74	cps
Ytterbium	172-2	17	17	11	15	21.67	cps
Ytterbium	176-1	1392	1550	1383	1442	6.51	cps
Ytterbium	176-2	5246	5012	5234	5164	2.55	cps
Yttrium	89-1	7285897	7357162	7638833	7427297	2.51	cps
Yttrium	89-2	743645	737505	744682	741944	0.52	cps
Zinc	66-2	92499	90192	90782	91158	1.31	cps
Zirconium	90-1	375820	367926	369700	371149	1.12	cps
Zirconium	91-1	80089	80491	81916	80832	1.19	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:09:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92818	91485	89063	91122	2.09	cps
Antimony	121-1	467574	466076	459037	464229	0.98	cps
Arsenic	75-2	14807	14486	14232	14508	1.99	cps
Barium	135-1	538107	541738	537340	539062	0.44	cps
Barium	137-1	947128	963007	959778	956638	0.88	cps
Beryllium	9-1	263156	260788	259563	261169	0.70	cps
Bismuth	209-1	3187218	3139255	3119085	3148520	1.11	cps
Bismuth	209-2	1559562	1531775	1547707	1546348	0.90	cps
Boron	10-1	61887	63333	63883	63034	1.64	cps
Boron	11-1	271128	285449	289610	282062	3.44	cps
Bromine	81-1	32030	32341	31728	32033	0.96	cps
Cadmium	111-1	143852	144625	144041	144173	0.28	cps
Cadmium	106-1	19089	18354	18805	18749	1.98	cps
Cadmium	108-1	10725	10959	11338	11007	2.81	cps
Calcium	43-1	204826	204946	201164	203645	1.06	cps
Calcium	44-1	3265922	3186089	3088021	3180011	2.80	cps
Carbon	12-1	4231468	4347072	4378292	4318944	1.79	cps
Carbon	12-2	47988	47260	46758	47335	1.31	cps
Chlorine	35-1	110093	111041	111527	110887	0.66	cps
Chlorine	35-2	658	550	683	631	11.24	cps
Chromium	52-2	139171	134028	134271	135823	2.14	cps
Cobalt	59-2	246431	239639	235090	240387	2.37	cps
Copper	63-2	1935284	1914622	1927388	1925765	0.54	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	3	30	17	17	80.01	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	17	13	23	18	28.64	cps
Gadolinium	160-1	100	42	42	61	55.11	cps
Gadolinium	160-2	70	43	60	58	23.32	cps
Holmium	165-1	5185468	5095047	5378953	5219823	2.78	cps
Holmium	165-2	2212917	2187025	2221377	2207106	0.81	cps
Indium	115-1	4426460	4479982	4554123	4486855	1.43	cps
Indium	115-2	646786	642264	640570	643207	0.50	cps
Iron	54-2	316043	310415	314254	313571	0.92	cps
Iron	56-2	5788599	5672937	5466124	5642553	2.90	cps
Iron	57-2	140138	137312	135887	137779	1.57	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:09:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	400	386	424	403	4.70	cps
Lead	206-1	1835093	1791553	1752752	1793132	2.30	cps
Lead	207-1	1540824	1531698	1470665	1514396	2.52	cps
Lead	208-1	7254169	7100872	6990722	7115254	1.86	cps
Lithium	6-1	3067269	3031639	3006066	3034991	1.01	cps
Magnesium	24-2	1342302	1309578	1287332	1313070	2.11	cps
Manganese	55-2	703988	690788	673575	689450	2.21	cps
Molybdenum	94-1	1884300	1879319	1850537	1871385	0.97	cps
Molybdenum	95-1	2768172	2669205	2666015	2701131	2.15	cps
Molybdenum	96-1	3007366	2941252	2969263	2972627	1.12	cps
Molybdenum	97-1	1691517	1665506	1671841	1676288	0.81	cps
Molybdenum	98-1	4291513	4152057	4403646	4282405	2.94	cps
Neodymium	150-1	60	140	60	87	53.29	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	66953	66196	64047	65732	2.29	cps
Phosphorus	31-2	6318	5926	6193	6146	3.26	cps
Potassium	39-2	437394	427397	431922	432238	1.16	cps
Rhodium	103-1	4499865	4339422	4392001	4410429	1.85	cps
Rhodium	103-2	1895017	1809596	1855022	1853212	2.31	cps
Scandium	45-1	3616057	3503064	3579932	3566351	1.62	cps
Scandium	45-2	106236	106535	105444	106072	0.53	cps
Selenium	82-1	12891	12705	12697	12764	0.86	cps
Selenium	77-2	313	427	300	347	20.08	cps
Selenium	78-2	1240	1132	1175	1183	4.60	cps
Silicon	28-1	4287462	4401572	4303400	4330811	1.43	cps
Silver	107-1	696949	690312	700234	695832	0.73	cps
Silver	109-1	667448	662902	664368	664906	0.35	cps
Sodium	23-2	2437141	2349531	2367469	2384713	1.94	cps
Strontium	86-1	4396317	4307307	4147394	4283673	2.94	cps
Strontium	88-1	36070365	36902655	35466830	36146617	1.99	cps
Sulfur	34-1	523709	518225	519516	520484	0.55	cps
Terbium	159-1	5504455	5504419	5615117	5541330	1.15	cps
Terbium	159-2	2236599	2191872	2124421	2184297	2.59	cps
Thallium	203-1	415258	397816	408159	407078	2.15	cps
Thallium	205-1	1005652	964002	951369	973674	2.92	cps
Tin	118-1	413139	414896	405835	411290	1.17	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:09:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	914530	876131	897074	895912	2.15	cps
Uranium	238-1	1267566	1275863	1267763	1270398	0.37	cps
Vanadium	51-2	109681	105292	107562	107512	2.04	cps
Ytterbium	172-1	42	50	0	31	87.67	cps
Ytterbium	172-2	11	11	28	17	57.75	cps
Ytterbium	176-1	2675	2450	2642	2589	4.69	cps
Ytterbium	176-2	5496	5857	5557	5636	3.43	cps
Yttrium	89-1	7309268	7300781	7202987	7271012	0.81	cps
Yttrium	89-2	720845	712712	727239	720265	1.01	cps
Zinc	66-2	233861	227539	232090	231163	1.41	cps
Zirconium	90-1	956410	961995	953719	957375	0.44	cps
Zirconium	91-1	214064	215025	210294	213127	1.17	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:12:14	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	181128	178625	176292	178682	1.35	cps
Antimony	121-1	942074	933915	928585	934858	0.73	cps
Arsenic	75-2	28670	28446	28076	28397	1.06	cps
Barium	135-1	1106771	1070149	1077231	1084717	1.79	cps
Barium	137-1	1877003	1860603	1874577	1870728	0.47	cps
Beryllium	9-1	508304	504843	501088	504745	0.72	cps
Bismuth	209-1	3162044	3172305	3165758	3166702	0.16	cps
Bismuth	209-2	1559365	1568201	1548889	1558818	0.62	cps
Boron	10-1	90288	93637	93482	92469	2.04	cps
Boron	11-1	406110	417131	434267	419169	3.38	cps
Bromine	81-1	32300	32080	31006	31796	2.18	cps
Cadmium	111-1	288114	281208	278816	282713	1.71	cps
Cadmium	106-1	34954	35112	33283	34450	2.94	cps
Cadmium	108-1	22544	21671	21680	21965	2.28	cps
Calcium	43-1	399712	404084	398376	400724	0.75	cps
Calcium	44-1	6258837	6317729	6267764	6281443	0.51	cps
Carbon	12-1	4447327	4510799	4551218	4503115	1.16	cps
Carbon	12-2	50078	48489	47703	48756	2.48	cps
Chlorine	35-1	110965	110621	111486	111024	0.39	cps
Chlorine	35-2	658	642	675	658	2.53	cps
Chromium	52-2	265500	263657	255804	261654	1.97	cps
Cobalt	59-2	475385	475970	469935	473763	0.70	cps
Copper	63-2	3820662	3764296	3717139	3767366	1.38	cps
Dysprosium	156-1	58	33	75	56	37.75	cps
Dysprosium	156-2	30	47	30	36	27.07	cps
Erbium	164-1	50	50	67	56	17.32	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	75	92	67	78	16.37	cps
Gadolinium	160-2	80	80	83	81	2.37	cps
Holmium	165-1	5178070	5322936	5308827	5269944	1.52	cps
Holmium	165-2	2278270	2251038	2291371	2273559	0.90	cps
Indium	115-1	4562338	4558612	4450193	4523714	1.41	cps
Indium	115-2	644029	643199	646913	644714	0.30	cps
Iron	54-2	616687	608061	597073	607274	1.62	cps
Iron	56-2	11089382	10856803	10761370	10902518	1.55	cps
Iron	57-2	281854	269442	271482	274259	2.43	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:12:14	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	419	337	412	390	11.61	cps
Lead	206-1	3589025	3575632	3580679	3581778	0.19	cps
Lead	207-1	3293086	3201290	3184589	3226322	1.81	cps
Lead	208-1	14347317	14244306	14419360	14336994	0.61	cps
Lithium	6-1	3049688	2938989	2997949	2995542	1.85	cps
Magnesium	24-2	2623064	2555450	2539008	2572508	1.73	cps
Manganese	55-2	1394032	1388804	1376965	1386600	0.63	cps
Molybdenum	94-1	3712184	3711404	3612890	3678826	1.55	cps
Molybdenum	95-1	5247433	5346095	5233175	5275568	1.17	cps
Molybdenum	96-1	5774724	5815144	5734013	5774627	0.70	cps
Molybdenum	97-1	3238459	3301697	3206095	3248750	1.50	cps
Molybdenum	98-1	8492091	8556125	8252864	8433693	1.90	cps
Neodymium	150-1	147	100	107	118	21.43	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	131937	128176	127147	129087	1.95	cps
Phosphorus	31-2	11989	11563	12147	11900	2.54	cps
Potassium	39-2	838031	831852	830642	833509	0.48	cps
Rhodium	103-1	4465428	4480695	4526531	4490885	0.71	cps
Rhodium	103-2	1813623	1867071	1842293	1840996	1.45	cps
Scandium	45-1	3601742	3694680	3584437	3626953	1.63	cps
Scandium	45-2	104644	104890	106287	105274	0.84	cps
Selenium	82-1	25087	25497	24602	25062	1.79	cps
Selenium	77-2	727	677	710	704	3.61	cps
Selenium	78-2	2354	2247	2311	2304	2.34	cps
Silicon	28-1	4161818	4228595	4178345	4189586	0.83	cps
Silver	107-1	1418799	1379288	1329161	1375750	3.27	cps
Silver	109-1	1344061	1293799	1307714	1315191	1.97	cps
Sodium	23-2	4734474	4601597	4509957	4615343	2.45	cps
Strontium	86-1	8384288	8439916	8098041	8307415	2.21	cps
Strontium	88-1	73407345	72469193	71296277	72390938	1.46	cps
Sulfur	34-1	605706	598512	597802	600673	0.73	cps
Terbium	159-1	5516005	5472777	5585725	5524836	1.03	cps
Terbium	159-2	2223697	2217947	2190643	2210762	0.80	cps
Thallium	203-1	804996	795845	799859	800233	0.57	cps
Thallium	205-1	1998360	1993367	2027646	2006458	0.92	cps
Tin	118-1	831900	791541	792413	805285	2.86	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:12:14	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1732420	1753151	1761233	1748935	0.85	cps
Uranium	238-1	2606215	2576614	2607562	2596797	0.67	cps
Vanadium	51-2	216532	209036	206082	210550	2.56	cps
Ytterbium	172-1	58	83	67	69	18.34	cps
Ytterbium	172-2	22	17	0	13	89.21	cps
Ytterbium	176-1	4343	4434	4242	4340	2.21	cps
Ytterbium	176-2	6196	6557	6830	6528	4.87	cps
Yttrium	89-1	7200915	7295353	7234977	7243748	0.66	cps
Yttrium	89-2	730308	720892	712823	721341	1.21	cps
Zinc	66-2	455512	454136	441330	450326	1.74	cps
Zirconium	90-1	1856343	1885232	1831879	1857818	1.44	cps
Zirconium	91-1	412971	416855	407543	412456	1.13	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:15:21	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337497	333504	328214	333072	1.40	cps
Antimony	121-1	1837400	1880224	1795958	1837861	2.29	cps
Arsenic	75-2	54710	53776	53435	53974	1.22	cps
Barium	135-1	2151321	2155030	2051101	2119151	2.78	cps
Barium	137-1	3766970	3632322	3555735	3651676	2.93	cps
Beryllium	9-1	975107	978431	965981	973173	0.66	cps
Bismuth	209-1	3058310	3132767	3082498	3091192	1.23	cps
Bismuth	209-2	1502477	1498734	1511428	1504213	0.43	cps
Boron	10-1	138349	144194	145271	142605	2.61	cps
Boron	11-1	617187	649562	658060	641603	3.36	cps
Bromine	81-1	32411	31137	32411	31986	2.30	cps
Cadmium	111-1	542311	540882	528545	537246	1.41	cps
Cadmium	106-1	64258	65137	62367	63921	2.22	cps
Cadmium	108-1	42825	42098	41621	42181	1.44	cps
Calcium	43-1	778355	780144	758330	772277	1.57	cps
Calcium	44-1	12093718	12095255	11684864	11957945	1.98	cps
Carbon	12-1	4608947	4864616	4840701	4771421	2.96	cps
Carbon	12-2	53046	53038	53188	53091	0.16	cps
Chlorine	35-1	108790	106457	108438	107895	1.17	cps
Chlorine	35-2	642	675	675	664	2.90	cps
Chromium	52-2	505133	490494	486076	493901	2.02	cps
Cobalt	59-2	895728	888681	874005	886138	1.25	cps
Copper	63-2	7035334	6952731	6943139	6977068	0.73	cps
Dysprosium	156-1	133	125	125	128	3.77	cps
Dysprosium	156-2	50	60	47	52	13.28	cps
Erbium	164-1	42	50	83	58	37.80	cps
Erbium	164-2	30	17	13	20	44.10	cps
Gadolinium	160-1	117	100	108	108	7.69	cps
Gadolinium	160-2	127	77	93	99	25.75	cps
Holmium	165-1	5260876	5224972	5332233	5272694	1.04	cps
Holmium	165-2	2216133	2221273	2252780	2230062	0.89	cps
Indium	115-1	4386067	4441084	4367623	4398258	0.87	cps
Indium	115-2	637926	617060	616055	623680	1.98	cps
Iron	54-2	1184338	1155302	1132606	1157416	2.24	cps
Iron	56-2	21067546	20405408	20478310	20650421	1.76	cps
Iron	57-2	525873	512761	499300	512645	2.59	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:15:21	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	367	367	351	362	2.59	cps
Lead	206-1	6881051	6789404	6846653	6839036	0.68	cps
Lead	207-1	6098014	6136760	6024589	6086454	0.94	cps
Lead	208-1	27785797	27549634	27138524	27491318	1.19	cps
Lithium	6-1	2905665	2977343	2914147	2932385	1.34	cps
Magnesium	24-2	4861870	4725977	4746950	4778265	1.53	cps
Manganese	55-2	2696185	2521245	2608849	2608760	3.35	cps
Molybdenum	94-1	7249899	7096060	6963886	7103282	2.02	cps
Molybdenum	95-1	10328895	10486747	10179243	10331628	1.49	cps
Molybdenum	96-1	11256127	11447744	11039773	11247881	1.81	cps
Molybdenum	97-1	6369198	6352280	6086857	6269445	2.53	cps
Molybdenum	98-1	16320545	16647652	15751368	16239855	2.79	cps
Neodymium	150-1	233	227	220	227	2.94	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	246325	240997	237676	241666	1.81	cps
Phosphorus	31-2	22451	22526	21183	22053	3.42	cps
Potassium	39-2	1571590	1523877	1523072	1539513	1.80	cps
Rhodium	103-1	4454868	4439857	4373756	4422827	0.98	cps
Rhodium	103-2	1825361	1765407	1797526	1796098	1.67	cps
Scandium	45-1	3524340	3516242	3481156	3507246	0.65	cps
Scandium	45-2	104429	103211	102295	103312	1.04	cps
Selenium	82-1	48586	48168	47790	48181	0.83	cps
Selenium	77-2	1243	1123	1170	1179	5.13	cps
Selenium	78-2	4252	4226	4156	4211	1.18	cps
Silicon	28-1	3206047	3259532	3209962	3225181	0.92	cps
Silver	107-1	2663989	2631299	2640822	2645370	0.64	cps
Silver	109-1	2572432	2572361	2476182	2540325	2.19	cps
Sodium	23-2	8845835	8536133	8370803	8584257	2.81	cps
Strontium	86-1	16168227	16408171	15809702	16128700	1.87	cps
Strontium	88-1	144747162	140680670	142108207	142512013	1.45	cps
Sulfur	34-1	766863	760685	759363	762304	0.53	cps
Terbium	159-1	5623966	5468244	5435588	5509266	1.83	cps
Terbium	159-2	2200594	2186554	2115171	2167440	2.11	cps
Thallium	203-1	1585780	1641744	1551749	1593091	2.85	cps
Thallium	205-1	3691734	3873439	3927525	3830899	3.22	cps
Tin	118-1	1590052	1590779	1546460	1575764	1.61	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:15:21	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3361196	3331458	3322329	3338328	0.61	cps
Uranium	238-1	5162407	5299979	5081236	5181207	2.13	cps
Vanadium	51-2	403150	399421	389081	397217	1.83	cps
Ytterbium	172-1	33	92	67	64	45.81	cps
Ytterbium	172-2	33	39	0	24	87.37	cps
Ytterbium	176-1	8203	8103	7811	8039	2.53	cps
Ytterbium	176-2	7558	7741	7519	7606	1.56	cps
Yttrium	89-1	7603258	7220553	7124864	7316225	3.46	cps
Yttrium	89-2	713453	721400	707809	714220	0.96	cps
Zinc	66-2	845082	831167	821929	832726	1.40	cps
Zirconium	90-1	3635417	3518299	3596409	3583375	1.66	cps
Zirconium	91-1	812238	812384	802452	809024	0.70	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:18:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	702483	672082	658297	677621	3.34	cps
Antimony	121-1	3721280	3685246	3658434	3688320	0.86	cps
Arsenic	75-2	109477	108281	106432	108063	1.42	cps
Barium	135-1	4463075	4329230	4254831	4349045	2.43	cps
Barium	137-1	7651111	7521886	7413496	7528831	1.58	cps
Beryllium	9-1	1878276	1868124	1843292	1863231	0.97	cps
Bismuth	209-1	3034731	3235063	3142148	3137314	3.20	cps
Bismuth	209-2	1471916	1497439	1489828	1486394	0.88	cps
Boron	10-1	267940	278446	279295	275227	2.30	cps
Boron	11-1	1067205	1167996	1148115	1127772	4.73	cps
Bromine	81-1	31227	31608	30735	31190	1.40	cps
Cadmium	111-1	1079194	1083202	1074175	1078857	0.42	cps
Cadmium	106-1	123349	124764	126906	125007	1.43	cps
Cadmium	108-1	84335	85136	85765	85079	0.84	cps
Calcium	43-1	1603944	1628220	1571427	1601197	1.78	cps
Calcium	44-1	24139050	24485967	24110536	24245184	0.86	cps
Carbon	12-1	4940061	5038917	5131778	5036919	1.90	cps
Carbon	12-2	58860	57430	57404	57898	1.44	cps
Chlorine	35-1	110705	112426	109965	111032	1.14	cps
Chlorine	35-2	667	800	692	719	9.85	cps
Chromium	52-2	1028612	1007024	986902	1007512	2.07	cps
Cobalt	59-2	1871845	1865688	1814809	1850780	1.69	cps
Copper	63-2	14127729	14030287	13965077	14041031	0.58	cps
Dysprosium	156-1	233	317	275	275	15.15	cps
Dysprosium	156-2	117	87	133	112	21.07	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	27	13	27	22	34.66	cps
Gadolinium	160-1	308	192	242	247	23.68	cps
Gadolinium	160-2	183	157	133	158	15.86	cps
Holmium	165-1	5388070	5373093	5191853	5317672	2.05	cps
Holmium	165-2	2223911	2237226	2228298	2229812	0.30	cps
Indium	115-1	4304298	4371949	4462847	4379698	1.82	cps
Indium	115-2	631372	616029	621763	623055	1.24	cps
Iron	54-2	2423073	2412060	2354112	2396415	1.55	cps
Iron	56-2	43555569	41233279	41523343	42104063	3.01	cps
Iron	57-2	1061944	1027796	1032346	1040695	1.78	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:18:30	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	371	386	375	377	2.07	cps
Lead	206-1	14109852	14432267	13852556	14131558	2.06	cps
Lead	207-1	12372842	12280260	12253951	12302351	0.51	cps
Lead	208-1	56354825	56454938	56036815	56282193	0.39	cps
Lithium	6-1	2952428	2974202	2971354	2965995	0.40	cps
Magnesium	24-2	9880958	9578283	9528152	9662464	1.98	cps
Manganese	55-2	5339617	5202895	5195454	5245988	1.55	cps
Molybdenum	94-1	14568952	14361300	14308667	14412973	0.95	cps
Molybdenum	95-1	20995292	21175343	20762911	20977849	0.99	cps
Molybdenum	96-1	22535615	23088854	23107193	22910554	1.42	cps
Molybdenum	97-1	12802724	12949257	12693757	12815246	1.00	cps
Molybdenum	98-1	33228330	33431625	33313660	33324538	0.31	cps
Neodymium	150-1	460	353	340	384	17.11	cps
Neodymium	150-2	17	40	37	31	40.56	cps
Nickel	60-2	500455	477806	477127	485129	2.74	cps
Phosphorus	31-2	46124	44276	45840	45413	2.19	cps
Potassium	39-2	3188545	3184302	3077121	3149989	2.00	cps
Rhodium	103-1	4388168	4410726	4355151	4384682	0.64	cps
Rhodium	103-2	1821157	1786629	1720925	1776237	2.87	cps
Scandium	45-1	3637671	3576016	3493717	3569135	2.02	cps
Scandium	45-2	105071	103526	104668	104422	0.77	cps
Selenium	82-1	96410	96646	94897	95984	0.99	cps
Selenium	77-2	2450	2634	2497	2527	3.77	cps
Selenium	78-2	8865	8549	8188	8534	3.97	cps
Silicon	28-1	4901462	4935764	4844961	4894062	0.94	cps
Silver	107-1	5287098	5348644	5272103	5302615	0.76	cps
Silver	109-1	4816458	5070873	4953860	4947064	2.57	cps
Sodium	23-2	18198204	17628904	17288509	17705205	2.60	cps
Strontium	86-1	33394546	32990190	33206369	33197035	0.61	cps
Strontium	88-1	288524631	285999881	278342948	284289154	1.87	cps
Sulfur	34-1	949007	943627	953977	948871	0.55	cps
Terbium	159-1	5547392	5550874	5543603	5547290	0.07	cps
Terbium	159-2	2222723	2178951	2260029	2220568	1.83	cps
Thallium	203-1	3339991	3330655	3193365	3288004	2.50	cps
Thallium	205-1	7724557	7960042	7571284	7751961	2.53	cps
Tin	118-1	3264828	3184865	3197466	3215720	1.34	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:18:30	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6657774	6741846	6676458	6692026	0.66	cps
Uranium	238-1	10055749	10588602	10742505	10462285	3.44	cps
Vanadium	51-2	837672	812027	811215	820305	1.83	cps
Ytterbium	172-1	42	100	108	83	43.59	cps
Ytterbium	172-2	44	67	22	44	50.00	cps
Ytterbium	176-1	15610	15293	15426	15443	1.03	cps
Ytterbium	176-2	10599	10399	10221	10406	1.82	cps
Yttrium	89-1	7343280	7478294	7178942	7333505	2.04	cps
Yttrium	89-2	722586	709973	706065	712875	1.21	cps
Zinc	66-2	1708754	1688412	1651820	1682995	1.71	cps
Zirconium	90-1	7344794	7179340	7186578	7236904	1.29	cps
Zirconium	91-1	1622697	1648031	1597130	1622620	1.57	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:21:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3253665	3223123	3211328	3229372	0.68	cps
Antimony	121-1	17103	17462	17929	17498	2.37	cps
Arsenic	75-2	109	116	108	111	3.93	cps
Barium	135-1	5601	4868	4984	5151	7.65	cps
Barium	137-1	8962	8895	8895	8917	0.43	cps
Beryllium	9-1	662	604	579	615	6.99	cps
Bismuth	209-1	2815714	2812411	2782195	2803440	0.66	cps
Bismuth	209-2	1373211	1362779	1363842	1366611	0.42	cps
Boron	10-1	20066	18706	17343	18705	7.28	cps
Boron	11-1	91425	84150	77700	84425	8.13	cps
Bromine	81-1	31518	31026	30485	31010	1.67	cps
Cadmium	111-1	2018	1931	1967	1972	2.22	cps
Cadmium	106-1	2259	2217	2109	2195	3.53	cps
Cadmium	108-1	67	54	67	63	11.55	cps
Calcium	43-1	6751299	6646298	6278125	6558574	3.79	cps
Calcium	44-1	109517560	108326749	102305504	106716605	3.62	cps
Carbon	12-1	4447222	4455584	4523399	4475402	0.93	cps
Carbon	12-2	52461	53063	50395	51973	2.69	cps
Chlorine	35-1	106902	105097	107766	106589	1.28	cps
Chlorine	35-2	600	617	583	600	2.78	cps
Chromium	52-2	8769	8829	8836	8812	0.42	cps
Cobalt	59-2	1743	1593	1987	1775	11.19	cps
Copper	63-2	5354	5581	5655	5530	2.83	cps
Dysprosium	156-1	850	767	617	744	15.88	cps
Dysprosium	156-2	347	297	337	327	8.10	cps
Erbium	164-1	108	100	108	106	4.56	cps
Erbium	164-2	27	27	27	27	0.00	cps
Gadolinium	160-1	783	850	883	839	6.07	cps
Gadolinium	160-2	390	360	393	381	4.82	cps
Holmium	165-1	5135781	5118236	5149401	5134473	0.30	cps
Holmium	165-2	2140656	2126747	2167815	2145073	0.97	cps
Indium	115-1	4228250	4188097	4172079	4196142	0.69	cps
Indium	115-2	609269	605730	610027	608342	0.38	cps
Iron	54-2	10688814	10716380	10210123	10538439	2.70	cps
Iron	56-2	198860310	191953349	194138282	194983980	1.81	cps
Iron	57-2	4996020	4862973	4879634	4912876	1.48	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:21:36	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	339	396	384	373	8.11	cps
Lead	206-1	4823	4440	4106	4456	8.05	cps
Lead	207-1	4001	3456	3712	3723	7.32	cps
Lead	208-1	18678	16944	16944	17522	5.71	cps
Lithium	6-1	2805180	2779253	2784261	2789565	0.49	cps
Magnesium	24-2	44644684	45127759	44719766	44830736	0.58	cps
Manganese	55-2	5815	5594	5735	5715	1.95	cps
Molybdenum	94-1	6543	5960	6368	6291	4.76	cps
Molybdenum	95-1	8770	8728	8244	8581	3.40	cps
Molybdenum	96-1	15843	15885	15676	15801	0.70	cps
Molybdenum	97-1	5501	5426	5059	5329	4.44	cps
Molybdenum	98-1	13557	13632	13482	13557	0.55	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1650	1497	1537	1561	5.10	cps
Phosphorus	31-2	108	92	92	97	9.90	cps
Potassium	39-2	14847639	14603888	15169822	14873783	1.91	cps
Rhodium	103-1	3971861	3970800	4086896	4009853	1.66	cps
Rhodium	103-2	1656979	1640033	1660146	1652386	0.65	cps
Scandium	45-1	3546235	3387600	3417677	3450504	2.44	cps
Scandium	45-2	102819	100146	101398	101455	1.32	cps
Selenium	82-1	306	304	315	308	1.92	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	64	55	60	60	7.56	cps
Silicon	28-1	1893676	1948060	1906119	1915952	1.49	cps
Silver	107-1	6585	6635	6543	6588	0.70	cps
Silver	109-1	5901	6485	6310	6232	4.81	cps
Sodium	23-2	82009277	82000758	81394539	81801525	0.43	cps
Strontium	86-1	13399	12715	11639	12584	7.05	cps
Strontium	88-1	111991	104066	96427	104161	7.47	cps
Sulfur	34-1	380784	387543	388994	385774	1.14	cps
Terbium	159-1	5298361	5312686	5251126	5287391	0.61	cps
Terbium	159-2	2171314	2097636	2134935	2134628	1.73	cps
Thallium	203-1	1967	1909	1834	1903	3.51	cps
Thallium	205-1	4718	3967	4342	4343	8.64	cps
Tin	118-1	4801	4626	4651	4693	2.02	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:21:36	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5818	5693	5526	5679	2.58	cps
Uranium	238-1	1717	1417	1400	1511	11.79	cps
Vanadium	51-2	1387	1437	1383	1402	2.13	cps
Ytterbium	172-1	317	283	375	325	14.28	cps
Ytterbium	172-2	167	156	144	156	7.14	cps
Ytterbium	176-1	708	1067	950	908	20.12	cps
Ytterbium	176-2	4879	5018	4945	4947	1.40	cps
Yttrium	89-1	7046066	7156343	7091328	7097913	0.78	cps
Yttrium	89-2	693058	699335	694951	695781	0.46	cps
Zinc	66-2	1520	1780	1747	1682	8.41	cps
Zirconium	90-1	2959	2209	2400	2523	15.45	cps
Zirconium	91-1	550	567	583	567	2.94	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICV20	Instrumnet Name :	P8
Client Sample ID :	ICV20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:32:26	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18066	18001	17550	17872	1.58	cps
Antimony	121-1	768423	771386	734076	757962	2.74	cps
Arsenic	75-2	24398	23677	23221	23766	2.50	cps
Barium	135-1	88013	88466	85219	87233	2.02	cps
Barium	137-1	148144	153880	146560	149528	2.58	cps
Beryllium	9-1	205100	204322	199264	202895	1.56	cps
Bismuth	209-1	3234555	3217141	3213427	3221708	0.35	cps
Bismuth	209-2	1559234	1606218	1559658	1575037	1.71	cps
Boron	10-1	4140	3902	3830	3957	4.10	cps
Boron	11-1	17949	18021	17923	17965	0.28	cps
Bromine	81-1	33876	33806	33585	33756	0.45	cps
Cadmium	111-1	115104	119279	113078	115820	2.73	cps
Cadmium	106-1	13257	13115	11864	12745	6.01	cps
Cadmium	108-1	7535	7156	7506	7399	2.85	cps
Calcium	43-1	29747	29885	29141	29591	1.34	cps
Calcium	44-1	496987	490395	486665	491349	1.06	cps
Carbon	12-1	4285008	4260914	4275596	4273839	0.28	cps
Carbon	12-2	44777	46901	45145	45608	2.49	cps
Chlorine	35-1	101933	104661	104190	103595	1.41	cps
Chlorine	35-2	700	675	725	700	3.57	cps
Chromium	52-2	108630	106295	105933	106953	1.37	cps
Cobalt	59-2	197225	193286	189959	193490	1.88	cps
Copper	63-2	147219	145840	145359	146139	0.66	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	50	75	25	50	50.00	cps
Gadolinium	160-2	53	77	77	69	19.56	cps
Holmium	165-1	5345401	5153923	5146127	5215150	2.16	cps
Holmium	165-2	2273945	2327190	2190917	2264017	3.03	cps
Indium	115-1	4474247	4662375	4507942	4548188	2.21	cps
Indium	115-2	661141	666488	668106	665245	0.55	cps
Iron	54-2	98583	98180	96916	97893	0.89	cps
Iron	56-2	1744352	1767618	1724501	1745490	1.24	cps
Iron	57-2	43199	44169	42508	43292	1.93	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICV20	Instrumnet Name :	P8
Client Sample ID :	ICV20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:32:26	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	399	407	385	397	2.86	cps
Lead	206-1	581435	574597	555731	570588	2.33	cps
Lead	207-1	489384	484003	473546	482311	1.67	cps
Lead	208-1	2297279	2280510	2188991	2255593	2.58	cps
Lithium	6-1	3069136	3070983	3059047	3066389	0.21	cps
Magnesium	24-2	116305	115323	109838	113822	3.06	cps
Manganese	55-2	55294	55086	53316	54565	1.99	cps
Molybdenum	94-1	783	642	608	678	13.71	cps
Molybdenum	95-1	825	850	625	767	16.09	cps
Molybdenum	96-1	958	850	833	881	7.71	cps
Molybdenum	97-1	500	525	367	464	18.35	cps
Molybdenum	98-1	1325	1200	1100	1208	9.33	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	55197	55076	55381	55218	0.28	cps
Phosphorus	31-2	158	158	133	150	9.62	cps
Potassium	39-2	149343	149082	148243	148889	0.39	cps
Rhodium	103-1	4534627	4482817	4726426	4581290	2.80	cps
Rhodium	103-2	1930213	1902625	1873832	1902223	1.48	cps
Scandium	45-1	3618752	3702287	3669642	3663560	1.15	cps
Scandium	45-2	106582	110529	109457	108856	1.87	cps
Selenium	82-1	21469	21243	20868	21193	1.43	cps
Selenium	77-2	593	507	557	552	7.88	cps
Selenium	78-2	1976	1927	1954	1953	1.26	cps
Silicon	28-1	909738	928120	901210	913023	1.51	cps
Silver	107-1	268310	271099	266454	268621	0.87	cps
Silver	109-1	259561	258067	255772	257800	0.74	cps
Sodium	23-2	384042	379679	366204	376641	2.47	cps
Strontium	86-1	1809	1975	1642	1809	9.22	cps
Strontium	88-1	10563	9787	9745	10032	4.59	cps
Sulfur	34-1	405006	407598	407423	406676	0.36	cps
Terbium	159-1	5416730	5401934	5329821	5382828	0.86	cps
Terbium	159-2	2206802	2241751	2213794	2220782	0.83	cps
Thallium	203-1	707055	696771	695036	699620	0.93	cps
Thallium	205-1	1780795	1719151	1708362	1736103	2.25	cps
Tin	118-1	708	800	575	694	16.29	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICV20	Instrumnet Name :	P8
Client Sample ID :	ICV20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:32:26	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	525	417	417	453	13.82	cps
Uranium	238-1	217	225	242	228	5.59	cps
Vanadium	51-2	84730	83761	81561	83350	1.95	cps
Ytterbium	172-1	67	58	50	58	14.29	cps
Ytterbium	172-2	11	22	22	19	34.64	cps
Ytterbium	176-1	692	850	917	819	14.10	cps
Ytterbium	176-2	4901	5407	5346	5218	5.29	cps
Yttrium	89-1	7365533	7322919	7482323	7390258	1.12	cps
Yttrium	89-2	735030	750336	720950	735438	2.00	cps
Zinc	66-2	36604	36002	36664	36423	1.00	cps
Zirconium	90-1	708	633	725	689	7.09	cps
Zirconium	91-1	233	308	242	261	15.74	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICB20	Instrumnet Name :	P8
Client Sample ID :	ICB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:35:54	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	647	146	321	88.03	cps
Antimony	121-1	642	675	908	742	19.59	cps
Arsenic	75-2	18	33	4	18	79.11	cps
Barium	135-1	100	108	142	117	18.90	cps
Barium	137-1	200	225	192	206	8.44	cps
Beryllium	9-1	217	161	164	181	17.58	cps
Bismuth	209-1	3232991	3242451	3129776	3201739	1.95	cps
Bismuth	209-2	1657507	1593061	1625772	1625447	1.98	cps
Boron	10-1	3148	3074	3172	3131	1.63	cps
Boron	11-1	13586	13860	13698	13714	1.01	cps
Bromine	81-1	34388	35331	33756	34492	2.30	cps
Cadmium	111-1	1963	1704	1866	1844	7.09	cps
Cadmium	106-1	2725	2384	2575	2561	6.69	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	285	285	264	278	4.41	cps
Calcium	44-1	12679	12458	12414	12517	1.14	cps
Carbon	12-1	4042436	4120435	4062267	4075046	0.99	cps
Carbon	12-2	43206	42495	41877	42526	1.56	cps
Chlorine	35-1	102395	102688	103284	102789	0.44	cps
Chlorine	35-2	533	617	650	600	10.02	cps
Chromium	52-2	483	643	410	512	23.30	cps
Cobalt	59-2	167	483	107	252	80.24	cps
Copper	63-2	937	3144	727	1602	83.56	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	17	50	44	57.28	cps
Erbium	164-2	20	37	17	24	43.83	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	57	77	53	62	20.29	cps
Holmium	165-1	5263011	5338907	5292548	5298155	0.72	cps
Holmium	165-2	2293174	2357864	2241400	2297479	2.54	cps
Indium	115-1	4732296	4683194	4576301	4663930	1.71	cps
Indium	115-2	679979	683924	679585	681163	0.35	cps
Iron	54-2	706	2373	578	1219	82.17	cps
Iron	56-2	9053	37984	5801	17613	100.59	cps
Iron	57-2	406	1111	383	633	65.36	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICB20	Instrumnet Name :	P8
Client Sample ID :	ICB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:35:54	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	394	394	404	397	1.45	cps
Lead	206-1	678	706	711	698	2.56	cps
Lead	207-1	661	561	683	635	10.25	cps
Lead	208-1	2884	2756	2961	2867	3.62	cps
Lithium	6-1	2998158	3027820	3030679	3018885	0.60	cps
Magnesium	24-2	1909	8021	958	3629	105.61	cps
Manganese	55-2	227	1017	97	447	111.47	cps
Molybdenum	94-1	342	475	433	417	16.37	cps
Molybdenum	95-1	500	458	408	456	10.07	cps
Molybdenum	96-1	608	550	617	592	6.14	cps
Molybdenum	97-1	250	283	275	269	6.44	cps
Molybdenum	98-1	667	917	792	792	15.79	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	73	133	40	82	57.53	cps
Phosphorus	31-2	175	167	158	167	5.00	cps
Potassium	39-2	21692	23445	21708	22282	4.52	cps
Rhodium	103-1	4659024	4644441	4702567	4668677	0.65	cps
Rhodium	103-2	2002379	1919788	1927949	1950039	2.33	cps
Scandium	45-1	3724784	3647551	3660814	3677716	1.12	cps
Scandium	45-2	106599	109644	109158	108467	1.51	cps
Selenium	82-1	-6	-5	44	11	263.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	55	52	48	52	6.80	cps
Silicon	28-1	915300	891619	907711	904877	1.34	cps
Silver	107-1	950	708	867	842	14.59	cps
Silver	109-1	708	650	733	697	6.13	cps
Sodium	23-2	20356	33447	18529	24111	33.75	cps
Strontium	86-1	1233	1325	1058	1206	11.24	cps
Strontium	88-1	5560	5159	5184	5301	4.23	cps
Sulfur	34-1	407276	413720	413926	411641	0.92	cps
Terbium	159-1	5422913	5483693	5570747	5492451	1.35	cps
Terbium	159-2	2239124	2203459	2278570	2240384	1.68	cps
Thallium	203-1	433	500	442	458	7.93	cps
Thallium	205-1	1083	917	1058	1020	8.82	cps
Tin	118-1	333	508	500	447	22.07	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICB20	Instrumnet Name :	P8
Client Sample ID :	ICB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:35:54	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	317	325	325	322	1.49	cps
Uranium	238-1	233	217	208	219	5.80	cps
Vanadium	51-2	60	250	30	113	105.27	cps
Ytterbium	172-1	17	0	33	17	99.99	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	767	742	758	756	1.69	cps
Ytterbium	176-2	5134	5218	5401	5251	2.60	cps
Yttrium	89-1	7314120	7482471	7300222	7365604	1.38	cps
Yttrium	89-2	742071	748210	750880	747054	0.60	cps
Zinc	66-2	180	533	173	296	69.68	cps
Zirconium	90-1	508	492	483	494	2.57	cps
Zirconium	91-1	58	125	125	103	37.45	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSA20	Instrumnet Name :	P8
Client Sample ID :	ICSA20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:42:51	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3384281	3390117	3297145	3357181	1.55	cps
Antimony	121-1	4593	4676	4776	4681	1.96	cps
Arsenic	75-2	47	47	45	46	2.49	cps
Barium	135-1	1575	1183	1225	1328	16.20	cps
Barium	137-1	2242	2159	2100	2167	3.29	cps
Beryllium	9-1	661	664	647	657	1.33	cps
Bismuth	209-1	3087775	3073546	3130812	3097378	0.96	cps
Bismuth	209-2	1541520	1518374	1535864	1531919	0.79	cps
Boron	10-1	2428	2256	2160	2281	5.95	cps
Boron	11-1	10394	10236	9897	10176	2.49	cps
Bromine	81-1	34378	37007	37388	36258	4.52	cps
Cadmium	111-1	2367	1799	2032	2066	13.82	cps
Cadmium	106-1	2592	1909	2025	2175	16.81	cps
Cadmium	108-1	1008	904	896	936	6.70	cps
Calcium	43-1	1465604	1513807	1472934	1484115	1.75	cps
Calcium	44-1	24563022	24729937	23916220	24403060	1.76	cps
Carbon	12-1	20494974	20446843	20470205	20470674	0.12	cps
Carbon	12-2	212047	208514	203452	208004	2.08	cps
Chlorine	35-1	12389879	14177523	15633166	14066856	11.55	cps
Chlorine	35-2	117659	126341	125810	123270	3.95	cps
Chromium	52-2	21880	21263	21520	21554	1.44	cps
Cobalt	59-2	2394	2184	2234	2270	4.83	cps
Copper	63-2	11638	11818	11475	11644	1.48	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	92	83	42	72	37.09	cps
Erbium	164-2	40	27	20	29	35.25	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	77	43	50	57	31.13	cps
Holmium	165-1	5282817	5475542	5504664	5421008	2.22	cps
Holmium	165-2	2353121	2344735	2400356	2366071	1.27	cps
Indium	115-1	4598794	4869614	4674728	4714379	2.96	cps
Indium	115-2	667817	665634	663799	665750	0.30	cps
Iron	54-2	4783893	4768845	4667309	4740016	1.34	cps
Iron	56-2	86555655	84651946	85694685	85634095	1.11	cps
Iron	57-2	2195487	2228339	2213579	2212468	0.74	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSA20	Instrumnet Name :	P8
Client Sample ID :	ICSA20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:42:51	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	386	372	384	381	1.92	cps
Lead	206-1	14291	14686	13924	14301	2.66	cps
Lead	207-1	11900	11845	11900	11882	0.27	cps
Lead	208-1	56110	54985	54484	55193	1.51	cps
Lithium	6-1	2896671	2977625	2982069	2952122	1.63	cps
Magnesium	24-2	9251094	9244906	8980086	9158696	1.69	cps
Manganese	55-2	4241	4391	4221	4284	2.17	cps
Molybdenum	94-1	2427609	2414817	2394633	2412353	0.69	cps
Molybdenum	95-1	4287724	4232965	4265250	4261980	0.65	cps
Molybdenum	96-1	4610704	4426621	4545109	4527478	2.06	cps
Molybdenum	97-1	2640676	2501602	2613626	2585301	2.85	cps
Molybdenum	98-1	6565735	6631150	6826226	6674370	2.03	cps
Neodymium	150-1	20	27	47	31	44.61	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	2980	3204	2787	2990	6.97	cps
Phosphorus	31-2	232788	235433	229090	232437	1.37	cps
Potassium	39-2	6421847	6366517	6163990	6317451	2.15	cps
Rhodium	103-1	4553266	4369854	4669328	4530816	3.33	cps
Rhodium	103-2	1841957	1905411	1866198	1871189	1.71	cps
Scandium	45-1	3680070	3753962	3785260	3739764	1.44	cps
Scandium	45-2	110263	109503	107821	109196	1.14	cps
Selenium	82-1	45	35	31	37	19.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	59	49	42	50	17.10	cps
Silicon	28-1	1032476	1041378	1038969	1037608	0.44	cps
Silver	107-1	450	367	250	356	28.26	cps
Silver	109-1	283	300	242	275	10.93	cps
Sodium	23-2	17993776	17654426	17222380	17623527	2.19	cps
Strontium	86-1	47841	47331	49154	48109	1.95	cps
Strontium	88-1	413140	417311	409775	413409	0.91	cps
Sulfur	34-1	3130191	3086891	3041289	3086124	1.44	cps
Terbium	159-1	5788409	5643893	5785907	5739403	1.44	cps
Terbium	159-2	2282549	2292202	2276106	2283619	0.35	cps
Thallium	203-1	642	708	908	753	18.44	cps
Thallium	205-1	1658	1759	1792	1736	4.00	cps
Tin	118-1	775	1017	992	928	14.33	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSA20	Instrumnet Name :	P8
Client Sample ID :	ICSA20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:42:51	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1471208	1472438	1440198	1461281	1.25	cps
Uranium	238-1	392	417	450	419	6.98	cps
Vanadium	51-2	123	130	157	137	12.91	cps
Ytterbium	172-1	42	25	33	33	25.01	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	733	700	658	697	5.39	cps
Ytterbium	176-2	5096	5201	5184	5160	1.10	cps
Yttrium	89-1	7563670	7669523	7615051	7616081	0.70	cps
Yttrium	89-2	741435	759552	749379	750122	1.21	cps
Zinc	66-2	2254	2164	2070	2162	4.24	cps
Zirconium	90-1	358	500	450	436	16.47	cps
Zirconium	91-1	58	83	117	86	33.99	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSAB20	Instrumnet Name :	P8
Client Sample ID :	ICSAB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:45:51	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3393856	3378632	3345628	3372706	0.73	cps
Antimony	121-1	79783	80195	79943	79973	0.26	cps
Arsenic	75-2	2297	2335	2219	2284	2.59	cps
Barium	135-1	18588	19949	19414	19317	3.55	cps
Barium	137-1	33074	33726	32072	32957	2.53	cps
Beryllium	9-1	38439	38879	38371	38563	0.71	cps
Bismuth	209-1	3190384	2966188	3138278	3098283	3.79	cps
Bismuth	209-2	1526195	1537430	1560373	1541333	1.13	cps
Boron	10-1	1914	2002	1832	1916	4.44	cps
Boron	11-1	8727	8747	8307	8594	2.89	cps
Bromine	81-1	36335	37750	36957	37014	1.92	cps
Cadmium	111-1	23730	24103	22760	23531	2.95	cps
Cadmium	106-1	4267	4192	4276	4245	1.08	cps
Cadmium	108-1	2304	2388	2404	2366	2.27	cps
Calcium	43-1	1468849	1471096	1479847	1473264	0.39	cps
Calcium	44-1	24114499	23971206	23907237	23997647	0.44	cps
Carbon	12-1	20266824	20777746	20262276	20435615	1.45	cps
Carbon	12-2	211668	209343	209126	210045	0.67	cps
Chlorine	35-1	17709647	19736180	20701641	19382489	7.88	cps
Chlorine	35-2	147943	150956	151639	150179	1.31	cps
Chromium	52-2	42781	42667	40852	42100	2.57	cps
Cobalt	59-2	39107	39839	38004	38983	2.37	cps
Copper	63-2	39562	38068	39071	38900	1.96	cps
Dysprosium	156-1	58	17	17	31	78.72	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	75	50	75	67	21.65	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	25	50	75	50	50.00	cps
Gadolinium	160-2	93	70	97	87	16.77	cps
Holmium	165-1	5584793	5260388	5375264	5406815	3.04	cps
Holmium	165-2	2308138	2358687	2374414	2347080	1.48	cps
Indium	115-1	4551709	4386813	4558556	4499026	2.16	cps
Indium	115-2	627875	662885	670444	653735	3.47	cps
Iron	54-2	4756648	4699068	4638687	4698134	1.26	cps
Iron	56-2	84724319	83542227	82248657	83505068	1.48	cps
Iron	57-2	2195390	2139716	2091016	2142041	2.44	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSAB20	Instrumnet Name :	P8
Client Sample ID :	ICSAB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:45:51	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	416	442	399	419	5.25	cps
Lead	206-1	65192	65158	65499	65283	0.29	cps
Lead	207-1	56647	55167	53840	55218	2.54	cps
Lead	208-1	259791	255128	251230	255383	1.68	cps
Lithium	6-1	2916109	2893114	2970665	2926629	1.36	cps
Magnesium	24-2	9333556	9088969	8809363	9077296	2.89	cps
Manganese	55-2	14718	14818	14561	14699	0.88	cps
Molybdenum	94-1	2495425	2323695	2404845	2407988	3.57	cps
Molybdenum	95-1	4333946	4218610	4167620	4240059	2.01	cps
Molybdenum	96-1	4484861	4537236	4488182	4503426	0.65	cps
Molybdenum	97-1	2593539	2594083	2587137	2591586	0.15	cps
Molybdenum	98-1	6760518	6751974	6463625	6658706	2.54	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	13156	12539	12689	12795	2.52	cps
Phosphorus	31-2	233145	225590	225697	228144	1.90	cps
Potassium	39-2	6121986	6202007	6137383	6153792	0.69	cps
Rhodium	103-1	4515526	4346696	4477837	4446686	1.99	cps
Rhodium	103-2	1787596	1863918	1876903	1842806	2.62	cps
Scandium	45-1	3847630	3492454	3659747	3666610	4.85	cps
Scandium	45-2	106015	107938	111099	108351	2.37	cps
Selenium	82-1	1981	1980	1927	1963	1.56	cps
Selenium	77-2	67	43	33	48	35.81	cps
Selenium	78-2	226	221	234	227	2.89	cps
Silicon	28-1	1022887	1041030	1029671	1031196	0.89	cps
Silver	107-1	101625	103673	101625	102308	1.16	cps
Silver	109-1	97110	97588	96706	97135	0.45	cps
Sodium	23-2	17773966	17739279	17343785	17619010	1.36	cps
Strontium	86-1	48318	48034	48644	48332	0.63	cps
Strontium	88-1	413598	417073	406388	412353	1.32	cps
Sulfur	34-1	3011638	3135203	2989310	3045383	2.58	cps
Terbium	159-1	5873849	5361353	5546015	5593739	4.64	cps
Terbium	159-2	2166086	2265967	2286691	2239581	2.88	cps
Thallium	203-1	64435	65248	64269	64651	0.81	cps
Thallium	205-1	155312	157014	157157	156494	0.66	cps
Tin	118-1	1000	1167	958	1042	10.59	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	ICSAB20	Instrumnet Name :	P8
Client Sample ID :	ICSAB20	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:45:51	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1433445	1433852	1419578	1428959	0.57	cps
Uranium	238-1	425	367	467	419	11.98	cps
Vanadium	51-2	17194	16707	16446	16782	2.26	cps
Ytterbium	172-1	67	50	50	56	17.32	cps
Ytterbium	172-2	0	28	6	11	132.26	cps
Ytterbium	176-1	825	725	642	731	12.57	cps
Ytterbium	176-2	5112	5401	5184	5233	2.87	cps
Yttrium	89-1	7500448	7215619	7661958	7459341	3.03	cps
Yttrium	89-2	720323	748714	760854	743297	2.80	cps
Zinc	66-2	5848	5464	5418	5577	4.23	cps
Zirconium	90-1	425	425	467	439	5.48	cps
Zirconium	91-1	175	67	100	114	48.72	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:48:49	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1753614	1771208	1719571	1748131	1.50	cps
Antimony	121-1	1842226	1866492	1856918	1855212	0.66	cps
Arsenic	75-2	54431	54775	53902	54369	0.81	cps
Barium	135-1	2297727	2212512	2260545	2256928	1.89	cps
Barium	137-1	3815969	3880888	3892766	3863207	1.07	cps
Beryllium	9-1	921697	917042	905249	914663	0.93	cps
Bismuth	209-1	3141620	3104525	3008092	3084745	2.23	cps
Bismuth	209-2	1529428	1497730	1491806	1506321	1.34	cps
Boron	10-1	127071	134278	133154	131501	2.95	cps
Boron	11-1	567638	606253	604315	592735	3.67	cps
Bromine	81-1	34267	34347	36376	34997	3.41	cps
Cadmium	111-1	551205	563095	559184	557828	1.09	cps
Cadmium	106-1	67231	65507	65825	66188	1.39	cps
Cadmium	108-1	42599	44104	43402	43368	1.74	cps
Calcium	43-1	3660436	3647656	3634765	3647619	0.35	cps
Calcium	44-1	57654956	58456051	58126283	58079096	0.69	cps
Carbon	12-1	4716303	4820414	4884114	4806944	1.76	cps
Carbon	12-2	55020	54142	55455	54873	1.22	cps
Chlorine	35-1	3993639	3674619	3527340	3731866	6.39	cps
Chlorine	35-2	21725	20991	19439	20718	5.63	cps
Chromium	52-2	528580	517783	521024	522462	1.06	cps
Cobalt	59-2	928910	917039	901107	915685	1.52	cps
Copper	63-2	7505413	7590744	7359267	7485141	1.56	cps
Dysprosium	156-1	358	533	300	397	30.57	cps
Dysprosium	156-2	193	170	187	183	6.56	cps
Erbium	164-1	92	75	33	67	45.07	cps
Erbium	164-2	37	33	27	32	15.80	cps
Gadolinium	160-1	558	483	367	469	20.57	cps
Gadolinium	160-2	270	277	250	266	5.22	cps
Holmium	165-1	5444920	5402486	5494372	5447259	0.84	cps
Holmium	165-2	2396008	2327404	2314263	2345892	1.87	cps
Indium	115-1	4504754	4573628	4658428	4578937	1.68	cps
Indium	115-2	655865	659330	651764	655653	0.58	cps
Iron	54-2	5753586	6000760	5783520	5845955	2.31	cps
Iron	56-2	105102913	104896375	105649436	105216241	0.37	cps
Iron	57-2	2770315	2730278	2692160	2730918	1.43	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:48:49	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	365	409	401	392	5.97	cps
Lead	206-1	7075851	6915727	6666817	6886131	2.99	cps
Lead	207-1	6495476	6161104	6026908	6227829	3.87	cps
Lead	208-1	28444117	27803169	27132902	27793396	2.36	cps
Lithium	6-1	2911675	2922421	2924476	2919524	0.24	cps
Magnesium	24-2	24099591	24200780	23195432	23831934	2.32	cps
Manganese	55-2	2703657	2767737	2664429	2711941	1.92	cps
Molybdenum	94-1	7433990	7648062	7359500	7480518	2.00	cps
Molybdenum	95-1	10809345	10830031	10651397	10763591	0.91	cps
Molybdenum	96-1	11690893	11942451	11846011	11826452	1.07	cps
Molybdenum	97-1	6698821	6623930	6534362	6619037	1.24	cps
Molybdenum	98-1	17620268	17244769	17039833	17301623	1.70	cps
Neodymium	150-1	280	180	193	218	24.93	cps
Neodymium	150-2	10	23	20	18	39.03	cps
Nickel	60-2	262675	260364	260526	261188	0.49	cps
Phosphorus	31-2	22827	22843	24020	23230	2.95	cps
Potassium	39-2	7891660	8024470	7853077	7923069	1.13	cps
Rhodium	103-1	4444872	4363709	4398865	4402482	0.92	cps
Rhodium	103-2	1846774	1817017	1838614	1834135	0.84	cps
Scandium	45-1	3753696	3753527	3597503	3701575	2.43	cps
Scandium	45-2	110258	109608	110570	110145	0.45	cps
Selenium	82-1	50084	49734	48954	49591	1.17	cps
Selenium	77-2	1260	1197	1343	1267	5.81	cps
Selenium	78-2	4485	4589	4434	4503	1.76	cps
Silicon	28-1	2879036	2945283	2924182	2916167	1.16	cps
Silver	107-1	2829995	2711998	2724995	2755663	2.35	cps
Silver	109-1	2629907	2605339	2685123	2640123	1.55	cps
Sodium	23-2	43548930	43970730	42017489	43179050	2.38	cps
Strontium	86-1	17256724	17357445	16947938	17187369	1.24	cps
Strontium	88-1	151003908	147244057	149081145	149109703	1.26	cps
Sulfur	34-1	747337	744446	741151	744312	0.42	cps
Terbium	159-1	5620013	5640684	5632978	5631225	0.19	cps
Terbium	159-2	2318505	2227912	2169645	2238687	3.35	cps
Thallium	203-1	1744126	1637178	1635916	1672407	3.71	cps
Thallium	205-1	4043668	3943063	3854625	3947118	2.40	cps
Tin	118-1	1662880	1644969	1671619	1659822	0.82	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV81	Instrumnet Name :	P8
Client Sample ID :	CCV81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:48:49	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3489387	3572152	3566557	3542699	1.31	cps
Uranium	238-1	5306301	5224121	5292346	5274256	0.83	cps
Vanadium	51-2	434782	424903	423866	427850	1.41	cps
Ytterbium	172-1	192	233	183	203	13.21	cps
Ytterbium	172-2	61	94	78	78	21.43	cps
Ytterbium	176-1	8962	7994	8019	8325	6.62	cps
Ytterbium	176-2	8247	8503	8775	8508	3.10	cps
Yttrium	89-1	7532799	7268134	7292377	7364436	1.99	cps
Yttrium	89-2	760761	743935	755222	753306	1.14	cps
Zinc	66-2	866037	853565	844299	854634	1.28	cps
Zirconium	90-1	3794093	3715713	3807966	3772591	1.32	cps
Zirconium	91-1	859608	854778	843676	852687	0.96	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:58:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	259	255	282	265	5.62	cps
Antimony	121-1	342	308	600	417	38.31	cps
Arsenic	75-2	5	7	2	5	53.93	cps
Barium	135-1	125	50	58	78	52.85	cps
Barium	137-1	100	150	192	147	31.18	cps
Beryllium	9-1	134	151	104	130	18.54	cps
Bismuth	209-1	3351686	3269833	3166891	3262803	2.84	cps
Bismuth	209-2	1629157	1549910	1534031	1571033	3.24	cps
Boron	10-1	2486	2438	2322	2415	3.49	cps
Boron	11-1	11012	10588	10686	10762	2.06	cps
Bromine	81-1	35703	35361	35742	35602	0.59	cps
Cadmium	111-1	1401	1606	1248	1418	12.69	cps
Cadmium	106-1	1959	2242	1734	1978	12.88	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	319	296	280	298	6.52	cps
Calcium	44-1	12661	12707	12652	12673	0.23	cps
Carbon	12-1	4043249	3973855	3964151	3993752	1.08	cps
Carbon	12-2	44409	42604	42654	43223	2.38	cps
Chlorine	35-1	941636	928199	908737	926191	1.79	cps
Chlorine	35-2	6085	5693	5576	5785	4.60	cps
Chromium	52-2	363	403	430	399	8.41	cps
Cobalt	59-2	73	40	93	69	39.11	cps
Copper	63-2	940	880	927	916	3.44	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	37	53	67	52	28.78	cps
Holmium	165-1	5126466	5256246	5266845	5216519	1.50	cps
Holmium	165-2	2245543	2209352	2191297	2215397	1.25	cps
Indium	115-1	4631872	4580881	4570682	4594478	0.71	cps
Indium	115-2	666931	639305	635966	647401	2.63	cps
Iron	54-2	844	817	956	872	8.43	cps
Iron	56-2	9070	8870	9465	9135	3.31	cps
Iron	57-2	394	389	428	404	5.21	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:58:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	377	389	386	384	1.54	cps
Lead	206-1	717	728	689	711	2.82	cps
Lead	207-1	678	767	578	674	14.02	cps
Lead	208-1	2917	3000	2817	2911	3.15	cps
Lithium	6-1	2884412	2923224	3038984	2948873	2.73	cps
Magnesium	24-2	1567	1400	1600	1522	7.04	cps
Manganese	55-2	117	137	150	134	12.48	cps
Molybdenum	94-1	483	383	533	467	16.37	cps
Molybdenum	95-1	608	492	525	542	11.09	cps
Molybdenum	96-1	625	675	592	631	6.65	cps
Molybdenum	97-1	292	242	333	289	15.89	cps
Molybdenum	98-1	825	825	958	869	8.85	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	37	43	23	34	29.57	cps
Phosphorus	31-2	133	142	83	119	26.41	cps
Potassium	39-2	21625	21742	21959	21775	0.78	cps
Rhodium	103-1	4652024	4574866	4584399	4603763	0.91	cps
Rhodium	103-2	1881317	1820117	1830312	1843915	1.78	cps
Scandium	45-1	3625166	3639930	3542922	3602673	1.45	cps
Scandium	45-2	109975	102240	102792	105002	4.11	cps
Selenium	82-1	-4	-9	15	1	1502.50	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	48	47	70	55	23.64	cps
Silicon	28-1	895299	895509	873410	888072	1.43	cps
Silver	107-1	583	367	592	514	24.82	cps
Silver	109-1	525	325	400	417	24.25	cps
Sodium	23-2	20882	19906	19956	20248	2.72	cps
Strontium	86-1	1217	1075	975	1089	11.15	cps
Strontium	88-1	4768	4551	5009	4776	4.80	cps
Sulfur	34-1	399301	397440	401349	399364	0.49	cps
Terbium	159-1	5676206	5525543	5586940	5596229	1.35	cps
Terbium	159-2	2269999	2148184	2166743	2194975	2.99	cps
Thallium	203-1	450	392	425	422	6.93	cps
Thallium	205-1	1092	1008	1050	1050	3.97	cps
Tin	118-1	800	392	425	539	42.10	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB81	Instrumnet Name :	P8
Client Sample ID :	CCB81	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 08:58:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	417	300	375	17.36	cps
Uranium	238-1	183	208	108	167	31.22	cps
Vanadium	51-2	13	27	17	19	36.75	cps
Ytterbium	172-1	33	58	58	50	28.87	cps
Ytterbium	172-2	11	0	11	7	86.60	cps
Ytterbium	176-1	633	717	700	683	6.45	cps
Ytterbium	176-2	4757	4579	4795	4710	2.45	cps
Yttrium	89-1	7434084	7298232	7410993	7381103	0.98	cps
Yttrium	89-2	741830	710112	715386	722442	2.35	cps
Zinc	66-2	160	170	183	171	6.84	cps
Zirconium	90-1	383	475	533	464	16.30	cps
Zirconium	91-1	83	117	83	94	20.37	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:02:00	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	805	864	1648	1105	42.56	cps
Antimony	121-1	7594	6735	6935	7088	6.34	cps
Arsenic	75-2	123	114	129	122	6.19	cps
Barium	135-1	7752	8144	7969	7955	2.47	cps
Barium	137-1	14208	14875	14033	14372	3.09	cps
Beryllium	9-1	2007	2097	2136	2080	3.18	cps
Bismuth	209-1	3085586	3251617	3155634	3164279	2.63	cps
Bismuth	209-2	1566381	1577688	1568707	1570925	0.38	cps
Boron	10-1	7564	8043	7715	7774	3.15	cps
Boron	11-1	33970	34261	35470	34567	2.30	cps
Bromine	81-1	33455	36125	34939	34840	3.84	cps
Cadmium	111-1	2844	2906	2622	2791	5.34	cps
Cadmium	106-1	2584	2625	2275	2495	7.66	cps
Cadmium	108-1	75	88	71	78	11.15	cps
Calcium	43-1	7261	7432	7070	7254	2.50	cps
Calcium	44-1	125413	125872	122669	124652	1.39	cps
Carbon	12-1	3998218	4091241	3940277	4009912	1.90	cps
Carbon	12-2	45061	44134	43122	44106	2.20	cps
Chlorine	35-1	711019	702277	686140	699812	1.80	cps
Chlorine	35-2	4259	4242	4467	4323	2.90	cps
Chromium	52-2	2334	2230	2257	2274	2.36	cps
Cobalt	59-2	1943	1697	1817	1819	6.78	cps
Copper	63-2	3734	3594	4521	3950	12.65	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	30	13	30	24	39.37	cps
Gadolinium	160-1	50	33	25	36	35.25	cps
Gadolinium	160-2	60	90	67	72	21.81	cps
Holmium	165-1	5206920	5507920	5473535	5396125	3.05	cps
Holmium	165-2	2219508	2311796	2174478	2235261	3.13	cps
Indium	115-1	4689212	4644717	4572809	4635579	1.27	cps
Indium	115-2	669602	654705	656695	660334	1.22	cps
Iron	54-2	2889	2895	4401	3395	25.66	cps
Iron	56-2	44977	44938	72985	54300	29.80	cps
Iron	57-2	1350	1400	2056	1602	24.58	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:02:00	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	402	410	389	400	2.69	cps
Lead	206-1	3084	3206	2906	3065	4.92	cps
Lead	207-1	2789	2523	2661	2658	5.02	cps
Lead	208-1	11986	11952	12119	12019	0.73	cps
Lithium	6-1	2939532	3065777	3001684	3002331	2.10	cps
Magnesium	24-2	47035	47871	50039	48315	3.21	cps
Manganese	55-2	567	600	890	686	25.94	cps
Molybdenum	94-1	8978	8928	8786	8898	1.12	cps
Molybdenum	95-1	11247	10554	10429	10743	4.10	cps
Molybdenum	96-1	11872	11347	11372	11530	2.57	cps
Molybdenum	97-1	6460	6210	6660	6443	3.50	cps
Molybdenum	98-1	17511	16719	16126	16786	4.14	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	623	597	610	610	2.19	cps
Phosphorus	31-2	142	150	175	156	11.15	cps
Potassium	39-2	51142	50021	52304	51155	2.23	cps
Rhodium	103-1	4678279	4628045	4457401	4587908	2.52	cps
Rhodium	103-2	1902299	1890375	1944523	1912399	1.49	cps
Scandium	45-1	3706118	3547877	3634387	3629460	2.18	cps
Scandium	45-2	107143	108264	106120	107176	1.00	cps
Selenium	82-1	430	450	461	447	3.54	cps
Selenium	77-2	17	13	33	21	50.75	cps
Selenium	78-2	90	92	86	89	3.42	cps
Silicon	28-1	930944	925574	934581	930366	0.49	cps
Silver	107-1	5876	6168	5743	5929	3.67	cps
Silver	109-1	5385	13468	5276	8043	58.42	cps
Sodium	23-2	99246	100135	103972	101118	2.48	cps
Strontium	86-1	1975	2309	2417	2234	10.31	cps
Strontium	88-1	12731	13198	12656	12862	2.28	cps
Sulfur	34-1	404398	404792	402238	403809	0.34	cps
Terbium	159-1	5551182	5632887	5468099	5550723	1.48	cps
Terbium	159-2	2174777	2184663	2182061	2180501	0.24	cps
Thallium	203-1	3776	3701	3551	3676	3.12	cps
Thallium	205-1	7736	8128	8320	8061	3.69	cps
Tin	118-1	16919	16210	15234	16121	5.25	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:02:00	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3509	3651	4067	3742	7.76	cps
Uranium	238-1	9637	9520	9154	9437	2.67	cps
Vanadium	51-2	3967	4024	4027	4006	0.84	cps
Ytterbium	172-1	42	58	25	42	40.00	cps
Ytterbium	172-2	6	22	6	11	86.55	cps
Ytterbium	176-1	642	767	650	686	10.19	cps
Ytterbium	176-2	4940	5257	5651	5283	6.75	cps
Yttrium	89-1	7343774	7607699	7218168	7389880	2.69	cps
Yttrium	89-2	734112	735607	739832	736517	0.40	cps
Zinc	66-2	543	557	633	578	8.41	cps
Zirconium	90-1	7185	7310	7269	7255	0.88	cps
Zirconium	91-1	1675	1400	1625	1567	9.35	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:05:13	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1151	1171	1221	1181	3.05	cps
Antimony	121-1	7869	7552	7202	7541	4.42	cps
Arsenic	75-2	116	156	129	134	15.27	cps
Barium	135-1	8503	8561	8236	8433	2.06	cps
Barium	137-1	14733	14900	15559	15064	2.90	cps
Beryllium	9-1	2169	2226	2112	2169	2.62	cps
Bismuth	209-1	3214189	3183192	3239754	3212378	0.88	cps
Bismuth	209-2	1551912	1567783	1582117	1567270	0.96	cps
Boron	10-1	7919	8247	8343	8169	2.72	cps
Boron	11-1	34670	36734	36500	35968	3.14	cps
Bromine	81-1	37158	35121	33163	35147	5.68	cps
Cadmium	111-1	2678	2772	2626	2692	2.75	cps
Cadmium	106-1	2275	2409	2350	2345	2.85	cps
Cadmium	108-1	104	92	117	104	12.00	cps
Calcium	43-1	7604	7445	7302	7450	2.02	cps
Calcium	44-1	129402	129800	126956	128720	1.20	cps
Carbon	12-1	3931004	3883337	3896669	3903670	0.63	cps
Carbon	12-2	41994	41350	40849	41398	1.39	cps
Chlorine	35-1	568930	564768	558158	563952	0.96	cps
Chlorine	35-2	3192	3250	3917	3453	11.67	cps
Chromium	52-2	2507	2394	2184	2361	6.95	cps
Cobalt	59-2	1860	2134	1910	1968	7.40	cps
Copper	63-2	3614	3674	3474	3587	2.86	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	83	47	71.32	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	33	75	42	50	44.10	cps
Gadolinium	160-2	43	60	80	61	30.04	cps
Holmium	165-1	5199070	5306584	5275527	5260394	1.05	cps
Holmium	165-2	2228958	2195634	2222813	2215802	0.80	cps
Indium	115-1	4719227	4698622	4549675	4655841	1.99	cps
Indium	115-2	670763	657435	659481	662560	1.08	cps
Iron	54-2	2917	2867	2989	2924	2.10	cps
Iron	56-2	46504	44865	46665	46011	2.16	cps
Iron	57-2	1383	1289	1472	1382	6.64	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:05:13	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	386	419	369	391	6.49	cps
Lead	206-1	2989	2895	2923	2936	1.65	cps
Lead	207-1	2595	2650	2817	2687	4.30	cps
Lead	208-1	12119	12175	12319	12204	0.85	cps
Lithium	6-1	2978303	3011888	3021716	3003969	0.76	cps
Magnesium	24-2	49769	47704	46525	47999	3.42	cps
Manganese	55-2	627	553	670	617	9.56	cps
Molybdenum	94-1	9220	8878	8878	8992	2.20	cps
Molybdenum	95-1	10988	11322	10713	11007	2.77	cps
Molybdenum	96-1	12665	12514	11855	12345	3.49	cps
Molybdenum	97-1	6785	6452	6610	6616	2.52	cps
Molybdenum	98-1	17478	17386	16819	17228	2.07	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	523	580	583	562	6.00	cps
Phosphorus	31-2	167	217	175	186	14.40	cps
Potassium	39-2	51317	51426	50079	50941	1.47	cps
Rhodium	103-1	4657912	4636739	4685348	4660000	0.52	cps
Rhodium	103-2	1871462	1909306	1897699	1892822	1.02	cps
Scandium	45-1	3695494	3705262	3666386	3689047	0.55	cps
Scandium	45-2	105897	105125	107724	106249	1.26	cps
Selenium	82-1	516	517	587	540	7.55	cps
Selenium	77-2	20	20	13	18	21.66	cps
Selenium	78-2	98	125	77	100	24.06	cps
Silicon	28-1	940251	911356	925569	925725	1.56	cps
Silver	107-1	6102	6035	6127	6088	0.78	cps
Silver	109-1	5751	5943	5868	5854	1.65	cps
Sodium	23-2	104550	101402	101335	102429	1.79	cps
Strontium	86-1	2475	2259	1884	2206	13.57	cps
Strontium	88-1	13490	13132	12948	13190	2.09	cps
Sulfur	34-1	407868	409322	406005	407731	0.41	cps
Terbium	159-1	5475352	5461281	5621808	5519481	1.61	cps
Terbium	159-2	2268705	2211374	2172948	2217676	2.17	cps
Thallium	203-1	3484	3392	3476	3451	1.47	cps
Thallium	205-1	8828	8111	8311	8417	4.40	cps
Tin	118-1	16419	16761	16844	16675	1.35	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:05:13	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3567	4026	3801	3798	6.04	cps
Uranium	238-1	9796	9470	9946	9737	2.50	cps
Vanadium	51-2	4104	3937	4007	4016	2.08	cps
Ytterbium	172-1	25	33	42	33	25.01	cps
Ytterbium	172-2	11	22	11	15	43.30	cps
Ytterbium	176-1	792	858	867	839	4.90	cps
Ytterbium	176-2	5157	5096	5262	5171	1.63	cps
Yttrium	89-1	7590232	7467538	7383954	7480574	1.39	cps
Yttrium	89-2	733002	743087	739521	738536	0.69	cps
Zinc	66-2	623	513	653	597	12.35	cps
Zirconium	90-1	7252	7827	7361	7480	4.09	cps
Zirconium	91-1	1900	1733	1608	1747	8.37	cps

LB Number : LB123997 Operator : Jaswal
 Lab Sample ID : PB150678BL Instrumnet Name : P8
 Client Sample ID : PB150678BL Dilution Factor : 1
 Date & Time Acquired : 2023-02-07 09:08:24 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	100	100	99	1.46	cps
Antimony	121-1	92	133	100	108	20.35	cps
Arsenic	75-2	4	3	3	3	17.32	cps
Barium	135-1	50	33	33	39	24.75	cps
Barium	137-1	42	42	50	44	10.82	cps
Beryllium	9-1	91	87	77	85	8.32	cps
Bismuth	209-1	3328037	3163139	3308199	3266458	2.76	cps
Bismuth	209-2	1581420	1447556	1579818	1536265	5.00	cps
Boron	10-1	1896	1834	1666	1798	6.62	cps
Boron	11-1	7897	7861	7572	7777	2.28	cps
Bromine	81-1	34799	34849	34257	34635	0.95	cps
Cadmium	111-1	1609	1531	1858	1666	10.25	cps
Cadmium	106-1	2300	2175	2659	2378	10.55	cps
Cadmium	108-1	25	13	17	18	35.25	cps
Calcium	43-1	156	174	202	177	13.16	cps
Calcium	44-1	10844	10638	10395	10626	2.12	cps
Carbon	12-1	4004684	4031186	4012802	4016224	0.34	cps
Carbon	12-2	42161	41860	42219	42080	0.46	cps
Chlorine	35-1	482833	481354	474216	479468	0.96	cps
Chlorine	35-2	2950	2750	3017	2906	4.78	cps
Chromium	52-2	417	453	370	413	10.10	cps
Cobalt	59-2	50	60	57	56	9.17	cps
Copper	63-2	577	527	670	591	12.31	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	58	42	47	20.37	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	25	42	17	28	45.82	cps
Gadolinium	160-2	67	60	83	70	17.17	cps
Holmium	165-1	5271331	5322212	5530801	5374781	2.56	cps
Holmium	165-2	2229697	2072756	2304585	2202346	5.37	cps
Indium	115-1	4774777	4623167	4903835	4767260	2.95	cps
Indium	115-2	677250	605732	664756	649246	5.88	cps
Iron	54-2	517	467	544	509	7.74	cps
Iron	56-2	3573	3562	3762	3632	3.10	cps
Iron	57-2	233	189	289	237	21.14	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BL	Instrumnet Name :	P8
Client Sample ID :	PB150678BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:08:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	426	339	327	364	14.85	cps
Lead	206-1	544	456	506	502	8.88	cps
Lead	207-1	494	483	450	476	4.86	cps
Lead	208-1	2272	2172	2011	2152	6.12	cps
Lithium	6-1	3029760	3027653	3254382	3103932	4.20	cps
Magnesium	24-2	592	567	592	583	2.47	cps
Manganese	55-2	63	53	53	57	10.19	cps
Molybdenum	94-1	250	167	167	194	24.74	cps
Molybdenum	95-1	142	200	150	164	19.25	cps
Molybdenum	96-1	258	317	242	272	14.47	cps
Molybdenum	97-1	133	133	117	128	7.53	cps
Molybdenum	98-1	308	325	250	294	13.37	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	17	20	37	24	43.83	cps
Phosphorus	31-2	142	125	108	125	13.33	cps
Potassium	39-2	21542	20215	20674	20810	3.24	cps
Rhodium	103-1	4730842	4649148	4880108	4753366	2.46	cps
Rhodium	103-2	1975103	1720101	1898119	1864441	7.02	cps
Scandium	45-1	3809021	3649586	3902225	3786944	3.37	cps
Scandium	45-2	108258	97228	107815	104434	5.98	cps
Selenium	82-1	-29	55	46	24	190.49	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	37	49	55	47	19.51	cps
Silicon	28-1	899415	878327	881304	886349	1.29	cps
Silver	107-1	708	817	767	764	7.10	cps
Silver	109-1	650	1025	1033	903	24.25	cps
Sodium	23-2	15434	15083	15592	15370	1.69	cps
Strontium	86-1	800	792	683	758	8.58	cps
Strontium	88-1	1525	1742	1467	1578	9.19	cps
Sulfur	34-1	410075	410381	414722	411726	0.63	cps
Terbium	159-1	5657928	5628100	5850186	5712072	2.11	cps
Terbium	159-2	2263822	2050274	2207179	2173758	5.09	cps
Thallium	203-1	292	383	325	333	13.92	cps
Thallium	205-1	792	725	625	714	11.75	cps
Tin	118-1	400	358	292	350	15.61	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BL	Instrumnet Name :	P8
Client Sample ID :	PB150678BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:08:24	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	200	258	231	12.69	cps
Uranium	238-1	58	92	67	72	24.02	cps
Vanadium	51-2	17	13	3	11	62.48	cps
Ytterbium	172-1	67	42	33	47	36.74	cps
Ytterbium	172-2	6	17	6	9	69.24	cps
Ytterbium	176-1	733	742	792	756	4.18	cps
Ytterbium	176-2	5018	4845	5423	5096	5.82	cps
Yttrium	89-1	7627452	7505563	7668290	7600435	1.11	cps
Yttrium	89-2	746298	663900	738197	716132	6.34	cps
Zinc	66-2	107	190	163	153	27.75	cps
Zirconium	90-1	383	408	333	375	10.18	cps
Zirconium	91-1	67	50	67	61	15.75	cps

LB Number : LB123997 Operator : Jaswal
 Lab Sample ID : PB150678BS Instrumnet Name : P8
 Client Sample ID : PB150678BS Dilution Factor : 1
 Date & Time Acquired : 2023-02-07 09:11:37 DataFile Name : 022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1497	1602	1530	1543	3.48	cps
Antimony	121-1	14225	14149	13624	13999	2.34	cps
Arsenic	75-2	228	226	235	230	2.06	cps
Barium	135-1	16127	16018	15910	16018	0.68	cps
Barium	137-1	27954	28673	26844	27824	3.31	cps
Beryllium	9-1	3810	3893	3801	3835	1.31	cps
Bismuth	209-1	3037154	3060451	3197752	3098453	2.80	cps
Bismuth	209-2	1598731	1542327	1559897	1566985	1.84	cps
Boron	10-1	12599	13582	13437	13206	4.02	cps
Boron	11-1	58107	63158	62293	61186	4.42	cps
Bromine	81-1	34920	34097	34849	34622	1.32	cps
Cadmium	111-1	3886	3822	3977	3895	2.00	cps
Cadmium	106-1	2484	2650	2592	2575	3.28	cps
Cadmium	108-1	158	179	167	168	6.24	cps
Calcium	43-1	14335	14240	13777	14118	2.11	cps
Calcium	44-1	238332	235758	232409	235500	1.26	cps
Carbon	12-1	4076339	4102117	4162563	4113673	1.08	cps
Carbon	12-2	45228	44794	43866	44629	1.56	cps
Chlorine	35-1	424141	417519	417725	419795	0.90	cps
Chlorine	35-2	2684	2500	2467	2550	4.58	cps
Chromium	52-2	4644	4401	4714	4586	3.59	cps
Cobalt	59-2	3684	3661	3751	3698	1.26	cps
Copper	63-2	6218	6081	6125	6141	1.14	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	58	33	39	44.61	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	40	53	67	53	25.00	cps
Holmium	165-1	5095319	5121473	5242047	5152946	1.52	cps
Holmium	165-2	2225312	2208429	2226820	2220187	0.46	cps
Indium	115-1	4479759	4450753	4664076	4531529	2.55	cps
Indium	115-2	652063	655972	651084	653040	0.40	cps
Iron	54-2	18112	18140	17422	17891	2.27	cps
Iron	56-2	327331	321105	316886	321774	1.63	cps
Iron	57-2	8525	8025	8586	8379	3.68	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BS	Instrumnet Name :	P8
Client Sample ID :	PB150678BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:11:37	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	385	396	392	391	1.46	cps
Lead	206-1	5668	5279	5168	5372	4.89	cps
Lead	207-1	5168	4601	4712	4827	6.22	cps
Lead	208-1	22842	21619	21224	21895	3.85	cps
Lithium	6-1	2912395	2876295	2990906	2926532	2.00	cps
Magnesium	24-2	91873	91554	87722	90383	2.56	cps
Manganese	55-2	1203	1110	1123	1146	4.41	cps
Molybdenum	94-1	8161	8436	8036	8211	2.49	cps
Molybdenum	95-1	5376	4751	4618	4915	8.24	cps
Molybdenum	96-1	6185	6418	6085	6229	2.75	cps
Molybdenum	97-1	3125	2692	3017	2945	7.66	cps
Molybdenum	98-1	7827	8069	7886	7927	1.59	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	990	1080	1000	1023	4.82	cps
Phosphorus	31-2	142	133	167	147	11.78	cps
Potassium	39-2	80466	78958	75783	78402	3.05	cps
Rhodium	103-1	4437769	4354758	4568105	4453544	2.41	cps
Rhodium	103-2	1893275	1902038	1830495	1875269	2.08	cps
Scandium	45-1	3600310	3570262	3677950	3616174	1.54	cps
Scandium	45-2	108278	105998	105770	106682	1.30	cps
Selenium	82-1	976	1002	946	975	2.89	cps
Selenium	77-2	23	27	23	24	7.89	cps
Selenium	78-2	134	130	114	126	8.40	cps
Silicon	28-1	973192	948999	971067	964419	1.39	cps
Silver	107-1	10955	11372	10746	11024	2.89	cps
Silver	109-1	10704	10821	10112	10546	3.60	cps
Sodium	23-2	182888	182264	180221	181791	0.77	cps
Strontium	86-1	3492	3492	3217	3401	4.67	cps
Strontium	88-1	25791	24856	23737	24795	4.15	cps
Sulfur	34-1	411455	408044	409604	409701	0.42	cps
Terbium	159-1	5419178	5387410	5387772	5398120	0.34	cps
Terbium	159-2	2223642	2212019	2182601	2206088	0.96	cps
Thallium	203-1	6602	6052	5918	6191	5.85	cps
Thallium	205-1	15284	15184	14183	14884	4.09	cps
Tin	118-1	725	708	558	664	13.83	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150678BS	Instrumnet Name :	P8
Client Sample ID :	PB150678BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:11:37	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6777	6944	6777	6832	1.41	cps
Uranium	238-1	19449	17796	18230	18492	4.63	cps
Vanadium	51-2	8039	7562	7615	7739	3.38	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	172-2	0	11	11	7	86.60	cps
Ytterbium	176-1	633	758	908	767	17.96	cps
Ytterbium	176-2	5129	5346	5129	5201	2.41	cps
Yttrium	89-1	7148186	7226029	7598242	7324152	3.28	cps
Yttrium	89-2	739493	733431	728313	733746	0.76	cps
Zinc	66-2	1843	1977	1863	1895	3.80	cps
Zirconium	90-1	14616	15434	14933	14995	2.75	cps
Zirconium	91-1	3567	3159	3350	3359	6.08	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BL	Instrumnet Name :	P8
Client Sample ID :	PB150677BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:14:48	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	87	86	84	6.51	cps
Antimony	121-1	92	50	92	78	30.93	cps
Arsenic	75-2	0	4	2	2	100.00	cps
Barium	135-1	8	8	33	17	86.62	cps
Barium	137-1	83	50	25	53	55.46	cps
Beryllium	9-1	71	77	82	77	7.31	cps
Bismuth	209-1	3102492	3141347	3194195	3146011	1.46	cps
Bismuth	209-2	1588757	1586263	1563680	1579567	0.87	cps
Boron	10-1	1934	1796	1768	1832	4.85	cps
Boron	11-1	8657	7971	7665	8097	6.28	cps
Bromine	81-1	35050	34438	34688	34725	0.89	cps
Cadmium	111-1	1677	1704	1727	1703	1.46	cps
Cadmium	106-1	2342	2400	2475	2406	2.78	cps
Cadmium	108-1	29	8	8	15	78.76	cps
Calcium	43-1	200	149	129	159	23.09	cps
Calcium	44-1	10779	9920	9963	10221	4.74	cps
Carbon	12-1	4009508	4009768	3947948	3989075	0.89	cps
Carbon	12-2	43499	40916	41735	42050	3.14	cps
Chlorine	35-1	366452	364032	358643	363042	1.10	cps
Chlorine	35-2	2134	2292	2142	2189	4.07	cps
Chromium	52-2	270	367	357	331	16.06	cps
Cobalt	59-2	53	47	43	48	10.66	cps
Copper	63-2	593	560	610	588	4.33	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	17	33	58	36	58.07	cps
Erbium	164-2	10	20	20	17	34.64	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	57	67	53	59	11.79	cps
Holmium	165-1	5368209	5174995	5142654	5228620	2.33	cps
Holmium	165-2	2301995	2204106	2224988	2243696	2.30	cps
Indium	115-1	4527482	4539896	4637206	4568195	1.32	cps
Indium	115-2	658599	646822	653358	652926	0.90	cps
Iron	54-2	506	494	456	485	5.41	cps
Iron	56-2	2795	3095	2895	2928	5.22	cps
Iron	57-2	233	289	261	261	10.64	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BL	Instrumnet Name :	P8
Client Sample ID :	PB150677BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:14:48	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	392	390	392	0.64	cps
Lead	206-1	511	378	483	457	15.38	cps
Lead	207-1	478	567	400	482	17.32	cps
Lead	208-1	1956	1761	1706	1807	7.26	cps
Lithium	6-1	3029771	3050095	3010208	3030025	0.66	cps
Magnesium	24-2	350	458	283	364	24.27	cps
Manganese	55-2	47	37	43	42	12.06	cps
Molybdenum	94-1	242	175	150	189	25.09	cps
Molybdenum	95-1	242	92	108	147	55.84	cps
Molybdenum	96-1	308	125	133	189	54.81	cps
Molybdenum	97-1	175	67	67	103	60.86	cps
Molybdenum	98-1	333	158	142	211	50.29	cps
Neodymium	150-1	7	13	40	20	88.19	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	7	20	13	13	49.99	cps
Phosphorus	31-2	150	83	125	119	28.19	cps
Potassium	39-2	21074	21600	21116	21263	1.37	cps
Rhodium	103-1	4628815	4491547	4603038	4574467	1.59	cps
Rhodium	103-2	1894451	1885054	1890338	1889948	0.25	cps
Scandium	45-1	3690820	3637516	3686848	3671728	0.81	cps
Scandium	45-2	106757	109746	104829	107111	2.31	cps
Selenium	82-1	8	8	35	17	95.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	40	42	42	41	2.79	cps
Silicon	28-1	896008	910463	900646	902372	0.82	cps
Silver	107-1	525	667	842	678	23.40	cps
Silver	109-1	633	717	658	669	6.39	cps
Sodium	23-2	14783	14966	15175	14975	1.31	cps
Strontium	86-1	817	667	650	711	12.91	cps
Strontium	88-1	1759	825	575	1053	59.25	cps
Sulfur	34-1	415757	414185	418283	416075	0.50	cps
Terbium	159-1	5475896	5449223	5566667	5497262	1.12	cps
Terbium	159-2	2288134	2253369	2156433	2232645	3.06	cps
Thallium	203-1	267	158	200	208	26.23	cps
Thallium	205-1	700	708	642	683	5.32	cps
Tin	118-1	300	283	242	275	10.92	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BL	Instrumnet Name :	P8
Client Sample ID :	PB150677BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:14:48	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	233	225	242	9.12	cps
Uranium	238-1	75	92	0	56	87.89	cps
Vanadium	51-2	10	3	17	10	66.70	cps
Ytterbium	172-1	17	33	33	28	34.63	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	733	842	792	789	6.87	cps
Ytterbium	176-2	5173	5412	5396	5327	2.50	cps
Yttrium	89-1	7350270	7177955	7466107	7331444	1.98	cps
Yttrium	89-2	729442	734180	722382	728668	0.81	cps
Zinc	66-2	160	110	103	124	24.89	cps
Zirconium	90-1	325	400	392	372	11.04	cps
Zirconium	91-1	83	92	83	86	5.58	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BS	Instrumnet Name :	P8
Client Sample ID :	PB150677BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:18:00	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1571	1502	1544	1539	2.25	cps
Antimony	121-1	14650	14208	14333	14397	1.58	cps
Arsenic	75-2	237	247	208	231	8.78	cps
Barium	135-1	15593	16435	16077	16035	2.64	cps
Barium	137-1	28372	29700	28030	28701	3.07	cps
Beryllium	9-1	4026	3830	3855	3904	2.74	cps
Bismuth	209-1	3076263	3268992	3240653	3195303	3.26	cps
Bismuth	209-2	1584913	1589792	1573337	1582681	0.53	cps
Boron	10-1	13439	13886	14040	13788	2.26	cps
Boron	11-1	61771	63084	64108	62988	1.86	cps
Bromine	81-1	36827	33414	34649	34963	4.94	cps
Cadmium	111-1	4073	4086	3828	3995	3.64	cps
Cadmium	106-1	2800	2800	2567	2723	4.95	cps
Cadmium	108-1	221	183	171	192	13.58	cps
Calcium	43-1	14751	14482	14040	14424	2.49	cps
Calcium	44-1	247011	245071	237145	243075	2.15	cps
Carbon	12-1	4143244	4202412	4196987	4180881	0.78	cps
Carbon	12-2	44744	44292	43373	44136	1.58	cps
Chlorine	35-1	335167	340350	337240	337586	0.77	cps
Chlorine	35-2	2125	2134	2142	2134	0.39	cps
Chromium	52-2	4707	4991	4687	4795	3.54	cps
Cobalt	59-2	4037	3864	3634	3845	5.26	cps
Copper	63-2	6665	6325	6211	6400	3.69	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	58	17	33	66.14	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	67	67	47	60	19.24	cps
Holmium	165-1	5338111	5325902	5306222	5323412	0.30	cps
Holmium	165-2	2237595	2343031	2204476	2261701	3.20	cps
Indium	115-1	4755092	4547967	4525557	4609539	2.75	cps
Indium	115-2	670948	662269	659913	664376	0.87	cps
Iron	54-2	19925	19174	18796	19299	2.98	cps
Iron	56-2	341906	334078	335178	337054	1.26	cps
Iron	57-2	9325	8747	8603	8892	4.30	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BS	Instrumnet Name :	P8
Client Sample ID :	PB150677BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:18:00	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	411	390	431	411	5.02	cps
Lead	206-1	5763	5668	5123	5518	6.25	cps
Lead	207-1	4712	4934	4629	4758	3.32	cps
Lead	208-1	22597	22241	21302	22047	3.04	cps
Lithium	6-1	3019202	3075230	3008142	3034191	1.19	cps
Magnesium	24-2	94994	94524	94591	94703	0.27	cps
Manganese	55-2	1073	1210	1090	1124	6.63	cps
Molybdenum	94-1	8420	8595	8111	8375	2.92	cps
Molybdenum	95-1	5710	5301	4859	5290	8.04	cps
Molybdenum	96-1	7035	6477	6360	6624	5.45	cps
Molybdenum	97-1	3667	3259	3676	3534	6.74	cps
Molybdenum	98-1	8536	7952	7511	8000	6.43	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	987	1183	1107	1092	9.08	cps
Phosphorus	31-2	125	108	167	133	22.53	cps
Potassium	39-2	81355	83181	81631	82056	1.20	cps
Rhodium	103-1	4687111	4628490	4673179	4662926	0.66	cps
Rhodium	103-2	1921766	1897465	1900557	1906596	0.69	cps
Scandium	45-1	3687704	3711942	3706806	3702151	0.34	cps
Scandium	45-2	108614	107590	108977	108393	0.66	cps
Selenium	82-1	941	976	971	963	1.97	cps
Selenium	77-2	33	43	43	40	14.43	cps
Selenium	78-2	136	158	134	143	9.34	cps
Silicon	28-1	971766	977504	987707	978992	0.82	cps
Silver	107-1	10688	10704	11030	10807	1.78	cps
Silver	109-1	10696	10763	10079	10513	3.59	cps
Sodium	23-2	184725	185477	188028	186077	0.93	cps
Strontium	86-1	4284	3409	3467	3720	13.16	cps
Strontium	88-1	30641	24722	24213	26525	13.47	cps
Sulfur	34-1	421246	416377	425298	420974	1.06	cps
Terbium	159-1	5547810	5374735	5560103	5494216	1.89	cps
Terbium	159-2	2212093	2230020	2162510	2201541	1.59	cps
Thallium	203-1	6452	6460	6469	6460	0.13	cps
Thallium	205-1	15552	15618	15176	15449	1.54	cps
Tin	118-1	717	817	758	764	6.58	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150677BS	Instrumnet Name :	P8
Client Sample ID :	PB150677BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:18:00	DataFile Name :	024LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7919	7652	6668	7413	8.89	cps
Uranium	238-1	19290	20000	18397	19229	4.18	cps
Vanadium	51-2	8553	8092	8109	8251	3.16	cps
Ytterbium	172-1	42	58	42	47	20.37	cps
Ytterbium	172-2	39	39	17	31	40.75	cps
Ytterbium	176-1	658	775	892	775	15.05	cps
Ytterbium	176-2	5351	5585	5196	5377	3.64	cps
Yttrium	89-1	7555184	7383213	7584969	7507789	1.45	cps
Yttrium	89-2	734807	736873	734079	735253	0.20	cps
Zinc	66-2	2127	2080	1827	2011	8.03	cps
Zirconium	90-1	15292	14541	14975	14936	2.52	cps
Zirconium	91-1	3342	3467	3626	3478	4.08	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-01	Instrumnet Name :	P8
Client Sample ID :	GBQL6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:21:11	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337	386	317	347	10.19	cps
Antimony	121-1	50	58	117	75	48.44	cps
Arsenic	75-2	3	4	4	4	15.75	cps
Barium	135-1	2150	2375	2184	2236	5.43	cps
Barium	137-1	4134	4443	3917	4165	6.34	cps
Beryllium	9-1	89	67	79	78	13.57	cps
Bismuth	209-1	3201485	3236900	3199668	3212684	0.65	cps
Bismuth	209-2	1602705	1593838	1534234	1576926	2.36	cps
Boron	10-1	2298	2184	2010	2164	6.70	cps
Boron	11-1	10128	10148	9759	10011	2.18	cps
Bromine	81-1	33705	36195	36074	35325	3.97	cps
Cadmium	111-1	1769	1480	1726	1658	9.42	cps
Cadmium	106-1	2500	2109	2475	2361	9.29	cps
Cadmium	108-1	8	13	33	18	74.19	cps
Calcium	43-1	594	610	591	598	1.70	cps
Calcium	44-1	17327	17227	16952	17169	1.13	cps
Carbon	12-1	4513614	4638857	4740592	4631021	2.46	cps
Carbon	12-2	50713	50328	52017	51020	1.74	cps
Chlorine	35-1	296595	291340	287667	291867	1.54	cps
Chlorine	35-2	1834	1633	1733	1733	5.77	cps
Chromium	52-2	4104	3904	4044	4017	2.56	cps
Cobalt	59-2	80	97	97	91	10.56	cps
Copper	63-2	670	797	663	710	10.58	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	13	37	10	20	72.66	cps
Gadolinium	160-1	58	17	75	50	60.09	cps
Gadolinium	160-2	70	63	47	60	20.03	cps
Holmium	165-1	5556522	5250964	5404674	5404053	2.83	cps
Holmium	165-2	2261367	2325045	2179410	2255274	3.24	cps
Indium	115-1	4681217	4641800	4684602	4669206	0.51	cps
Indium	115-2	664889	666568	647501	659653	1.60	cps
Iron	54-2	1211	1322	1428	1320	8.21	cps
Iron	56-2	16760	17385	16421	16855	2.90	cps
Iron	57-2	567	661	533	587	11.29	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-01	Instrumnet Name :	P8
Client Sample ID :	GBQL6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:21:11	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	414	394	401	403	2.51	cps
Lead	206-1	2267	2467	2228	2321	5.52	cps
Lead	207-1	1950	1739	1778	1822	6.17	cps
Lead	208-1	8551	8462	8362	8459	1.12	cps
Lithium	6-1	3049876	3014382	3088991	3051083	1.22	cps
Magnesium	24-2	950	817	900	889	7.58	cps
Manganese	55-2	330	287	370	329	12.67	cps
Molybdenum	94-1	133	133	150	139	6.93	cps
Molybdenum	95-1	33	83	83	67	43.31	cps
Molybdenum	96-1	150	175	167	164	7.77	cps
Molybdenum	97-1	33	75	33	47	50.95	cps
Molybdenum	98-1	150	117	108	125	17.64	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	870	737	740	782	9.72	cps
Phosphorus	31-2	58	117	117	97	34.64	cps
Potassium	39-2	22476	22685	22376	22512	0.70	cps
Rhodium	103-1	4725981	4644938	4714804	4695241	0.94	cps
Rhodium	103-2	1968361	1976756	1859411	1934842	3.38	cps
Scandium	45-1	3856893	3675129	3774130	3768718	2.41	cps
Scandium	45-2	107547	107868	105399	106938	1.26	cps
Selenium	82-1	24	9	-4	10	143.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	45	59	49	51	14.15	cps
Silicon	28-1	919667	932936	947788	933463	1.51	cps
Silver	107-1	342	450	258	350	27.46	cps
Silver	109-1	358	233	342	311	21.82	cps
Sodium	23-2	26683	26366	27410	26820	1.99	cps
Strontium	86-1	742	717	767	742	3.37	cps
Strontium	88-1	1217	1267	1250	1245	2.05	cps
Sulfur	34-1	421697	427517	416223	421812	1.34	cps
Terbium	159-1	5534736	5515371	5562134	5537414	0.42	cps
Terbium	159-2	2302812	2166634	2108001	2192482	4.56	cps
Thallium	203-1	183	225	233	214	12.52	cps
Thallium	205-1	450	483	400	444	9.44	cps
Tin	118-1	350	258	433	347	25.21	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-01	Instrumnet Name :	P8
Client Sample ID :	GBQL6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:21:11	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	242	317	269	15.26	cps
Uranium	238-1	42	33	42	39	12.38	cps
Vanadium	51-2	20	13	13	16	24.76	cps
Ytterbium	172-1	0	50	17	22	114.56	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	708	767	783	753	5.23	cps
Ytterbium	176-2	5257	5429	5423	5370	1.82	cps
Yttrium	89-1	7552453	7597452	7524313	7558073	0.49	cps
Yttrium	89-2	739960	747130	718220	735103	2.05	cps
Zinc	66-2	313	353	350	339	6.55	cps
Zirconium	90-1	442	433	350	408	12.41	cps
Zirconium	91-1	67	100	83	83	20.00	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-02	Instrumnet Name :	P8
Client Sample ID :	GBQL7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:24:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	132	116	121	8.05	cps
Antimony	121-1	75	50	83	69	24.98	cps
Arsenic	75-2	3	3	7	4	53.29	cps
Barium	135-1	425	533	458	472	11.75	cps
Barium	137-1	825	825	983	878	10.41	cps
Beryllium	9-1	69	89	84	80	12.94	cps
Bismuth	209-1	3317834	3224743	3231350	3257976	1.59	cps
Bismuth	209-2	1607637	1601564	1606765	1605322	0.20	cps
Boron	10-1	1564	1590	1604	1586	1.28	cps
Boron	11-1	7252	7464	7188	7302	1.98	cps
Bromine	81-1	35100	35361	36145	35535	1.53	cps
Cadmium	111-1	1718	1601	1661	1660	3.53	cps
Cadmium	106-1	2459	2292	2375	2375	3.51	cps
Cadmium	108-1	17	29	21	22	28.64	cps
Calcium	43-1	361	356	395	371	5.68	cps
Calcium	44-1	13481	13445	13684	13536	0.95	cps
Carbon	12-1	5453806	5853622	6210172	5839200	6.48	cps
Carbon	12-2	65681	67012	68041	66911	1.77	cps
Chlorine	35-1	267362	262499	261122	263661	1.24	cps
Chlorine	35-2	1767	1692	1867	1775	4.95	cps
Chromium	52-2	777	713	760	750	4.38	cps
Cobalt	59-2	60	73	83	72	16.21	cps
Copper	63-2	640	583	617	613	4.64	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	23	13	30	22	37.76	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	63	77	63	68	11.36	cps
Holmium	165-1	5355674	5362711	5399375	5372587	0.44	cps
Holmium	165-2	2276626	2251526	2307418	2278523	1.23	cps
Indium	115-1	4697561	4807697	4906516	4803925	2.18	cps
Indium	115-2	679273	666063	663311	669549	1.27	cps
Iron	54-2	672	672	511	619	15.04	cps
Iron	56-2	5818	5412	5223	5485	5.54	cps
Iron	57-2	311	294	283	296	4.72	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-02	Instrumnet Name :	P8
Client Sample ID :	GBQL7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:24:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	400	400	364	388	5.40	cps
Lead	206-1	589	522	661	591	11.76	cps
Lead	207-1	400	533	517	483	15.03	cps
Lead	208-1	2328	2250	2600	2393	7.68	cps
Lithium	6-1	3097223	3015863	2956163	3023083	2.34	cps
Magnesium	24-2	850	725	758	778	8.32	cps
Manganese	55-2	133	107	120	120	11.11	cps
Molybdenum	94-1	158	108	275	181	47.37	cps
Molybdenum	95-1	75	117	150	114	33.00	cps
Molybdenum	96-1	158	192	208	186	13.68	cps
Molybdenum	97-1	42	50	92	61	43.83	cps
Molybdenum	98-1	108	275	283	222	44.42	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	250	247	240	246	2.08	cps
Phosphorus	31-2	117	125	133	125	6.67	cps
Potassium	39-2	22810	21650	22151	22204	2.62	cps
Rhodium	103-1	4673744	4669602	4716601	4686649	0.56	cps
Rhodium	103-2	1869677	1869692	1944059	1894476	2.27	cps
Scandium	45-1	3643341	3743198	3777049	3721196	1.87	cps
Scandium	45-2	109373	109304	108977	109218	0.19	cps
Selenium	82-1	26	5	19	17	64.66	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	60	53	40	51	19.91	cps
Silicon	28-1	924387	930495	968216	941033	2.52	cps
Silver	107-1	267	300	142	236	35.35	cps
Silver	109-1	192	175	208	192	8.69	cps
Sodium	23-2	18045	17019	18112	17725	3.46	cps
Strontium	86-1	733	933	908	858	12.70	cps
Strontium	88-1	908	1792	2259	1653	41.49	cps
Sulfur	34-1	424395	424130	422593	423706	0.23	cps
Terbium	159-1	5464273	5563367	5666958	5564866	1.82	cps
Terbium	159-2	2264655	2170448	2205938	2213680	2.15	cps
Thallium	203-1	142	192	92	142	35.29	cps
Thallium	205-1	233	292	467	331	36.74	cps
Tin	118-1	283	292	392	322	18.71	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-02	Instrumnet Name :	P8
Client Sample ID :	GBQL7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:24:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	258	367	300	19.45	cps
Uranium	238-1	17	33	83	44	78.07	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Ytterbium	172-1	8	50	17	25	88.19	cps
Ytterbium	172-2	11	28	11	17	57.75	cps
Ytterbium	176-1	817	650	942	803	18.23	cps
Ytterbium	176-2	5068	5045	5218	5110	1.83	cps
Yttrium	89-1	7641777	7543605	7680526	7621969	0.93	cps
Yttrium	89-2	767475	735571	738034	747027	2.38	cps
Zinc	66-2	160	190	187	179	9.19	cps
Zirconium	90-1	350	375	342	356	4.88	cps
Zirconium	91-1	42	67	67	58	24.74	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-03	Instrumnet Name :	P8
Client Sample ID :	GBQL8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:27:35	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	354	367	379	367	3.42	cps
Antimony	121-1	42	108	92	81	43.07	cps
Arsenic	75-2	7	7	14	9	43.30	cps
Barium	135-1	3325	3175	3317	3273	2.58	cps
Barium	137-1	5701	5860	5793	5785	1.37	cps
Beryllium	9-1	70	62	104	79	27.91	cps
Bismuth	209-1	3215245	3272472	3193687	3227134	1.26	cps
Bismuth	209-2	1576316	1609438	1581846	1589200	1.12	cps
Boron	10-1	1330	1296	1360	1328	2.41	cps
Boron	11-1	6150	6254	6082	6162	1.41	cps
Bromine	81-1	35291	34137	34719	34716	1.66	cps
Cadmium	111-1	1676	1527	1666	1623	5.13	cps
Cadmium	106-1	2400	2200	2392	2331	4.86	cps
Cadmium	108-1	29	54	54	46	31.49	cps
Calcium	43-1	424	429	445	432	2.57	cps
Calcium	44-1	14825	15453	15534	15270	2.54	cps
Carbon	12-1	4836862	4997937	5042992	4959264	2.19	cps
Carbon	12-2	53138	52678	54794	53537	2.08	cps
Chlorine	35-1	249642	251007	249480	250043	0.34	cps
Chlorine	35-2	1325	1508	1425	1420	6.47	cps
Chromium	52-2	1233	1173	1240	1216	3.02	cps
Cobalt	59-2	120	103	107	110	8.02	cps
Copper	63-2	900	837	987	908	8.30	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	3	7	17	9	78.08	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	63	53	70	62	13.48	cps
Holmium	165-1	5230344	5418747	5468325	5372472	2.34	cps
Holmium	165-2	2315958	2215875	2248982	2260272	2.26	cps
Indium	115-1	4671939	4683377	4716962	4690760	0.50	cps
Indium	115-2	674666	661025	670299	668663	1.04	cps
Iron	54-2	1150	1206	1095	1150	4.83	cps
Iron	56-2	14385	14758	15498	14880	3.80	cps
Iron	57-2	539	572	633	582	8.24	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-03	Instrumnet Name :	P8
Client Sample ID :	GBQL8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:27:35	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	384	405	415	401	3.98	cps
Lead	206-1	1189	1078	1022	1096	7.74	cps
Lead	207-1	817	917	906	880	6.23	cps
Lead	208-1	4267	4161	4089	4173	2.14	cps
Lithium	6-1	3083858	3047685	3025285	3052276	0.97	cps
Magnesium	24-2	1475	1417	1475	1456	2.31	cps
Manganese	55-2	280	273	250	268	5.88	cps
Molybdenum	94-1	233	175	200	203	14.43	cps
Molybdenum	95-1	167	208	208	194	12.37	cps
Molybdenum	96-1	175	200	308	228	31.11	cps
Molybdenum	97-1	67	183	175	142	45.94	cps
Molybdenum	98-1	200	300	408	303	34.41	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	227	253	297	259	13.65	cps
Phosphorus	31-2	183	117	75	125	43.72	cps
Potassium	39-2	22702	22218	22126	22348	1.38	cps
Rhodium	103-1	4636020	4818868	4607249	4687379	2.45	cps
Rhodium	103-2	1963782	1942741	1889078	1931867	1.99	cps
Scandium	45-1	3672659	3748643	3795870	3739057	1.66	cps
Scandium	45-2	109205	108722	109378	109102	0.31	cps
Selenium	82-1	-5	-53	-41	-33	-75.41	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	48	48	55	50	8.03	cps
Silicon	28-1	927068	934490	940118	933892	0.70	cps
Silver	107-1	117	192	167	158	24.12	cps
Silver	109-1	83	117	183	128	39.85	cps
Sodium	23-2	18904	18963	19297	19055	1.11	cps
Strontium	86-1	900	783	1042	908	14.24	cps
Strontium	88-1	2175	2425	3267	2623	21.81	cps
Sulfur	34-1	423881	426039	424850	424923	0.25	cps
Terbium	159-1	5474101	5715625	5587683	5592470	2.16	cps
Terbium	159-2	2261510	2208113	2262929	2244184	1.39	cps
Thallium	203-1	150	175	150	158	9.12	cps
Thallium	205-1	433	458	375	422	10.13	cps
Tin	118-1	333	425	367	375	12.37	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-03	Instrumnet Name :	P8
Client Sample ID :	GBQL8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:27:35	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	292	508	369	32.64	cps
Uranium	238-1	75	67	100	81	21.53	cps
Vanadium	51-2	37	27	50	38	30.98	cps
Ytterbium	172-1	50	0	25	25	100.00	cps
Ytterbium	172-2	0	17	22	13	89.21	cps
Ytterbium	176-1	683	858	708	750	12.62	cps
Ytterbium	176-2	5346	5357	5234	5312	1.27	cps
Yttrium	89-1	7659836	7688076	7672928	7673613	0.18	cps
Yttrium	89-2	748946	741627	738475	743016	0.72	cps
Zinc	66-2	353	330	310	331	6.55	cps
Zirconium	90-1	408	392	383	394	3.23	cps
Zirconium	91-1	75	25	67	56	48.22	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-04	Instrumnet Name :	P8
Client Sample ID :	GBQL9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:30:48	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	246	217	247	12.14	cps
Antimony	121-1	150	92	42	94	57.41	cps
Arsenic	75-2	1	2	4	2	65.47	cps
Barium	135-1	8870	8578	8811	8753	1.76	cps
Barium	137-1	14400	14892	14708	14667	1.70	cps
Beryllium	9-1	139	84	59	94	43.66	cps
Bismuth	209-1	3230138	3101026	3206176	3179113	2.16	cps
Bismuth	209-2	1591530	1602834	1657652	1617339	2.19	cps
Boron	10-1	1244	1326	1198	1256	5.16	cps
Boron	11-1	5614	5658	5444	5572	2.03	cps
Bromine	81-1	34829	36927	35321	35692	3.07	cps
Cadmium	111-1	1646	1800	1751	1732	4.56	cps
Cadmium	106-1	2384	2600	2525	2503	4.40	cps
Cadmium	108-1	63	58	29	50	36.32	cps
Calcium	43-1	1240	1066	987	1098	11.77	cps
Calcium	44-1	27669	24916	23847	25477	7.74	cps
Carbon	12-1	4702378	4870896	4835861	4803045	1.85	cps
Carbon	12-2	52670	52645	52068	52461	0.65	cps
Chlorine	35-1	236712	239271	235333	237105	0.84	cps
Chlorine	35-2	1342	1375	1217	1311	6.37	cps
Chromium	52-2	1397	1440	1390	1409	1.93	cps
Cobalt	59-2	50	73	67	63	18.98	cps
Copper	63-2	553	580	507	547	6.79	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	58	100	42	67	45.06	cps
Erbium	164-2	7	37	23	22	67.63	cps
Gadolinium	160-1	67	17	58	47	56.72	cps
Gadolinium	160-2	67	60	77	68	12.38	cps
Holmium	165-1	5367974	5292783	5446258	5369005	1.43	cps
Holmium	165-2	2334608	2284783	2235434	2284942	2.17	cps
Indium	115-1	4622032	4740100	4666032	4676055	1.28	cps
Indium	115-2	654723	660347	667889	660986	1.00	cps
Iron	54-2	922	817	783	841	8.62	cps
Iron	56-2	9681	10243	9353	9759	4.61	cps
Iron	57-2	356	439	433	409	11.38	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-04	Instrumnet Name :	P8
Client Sample ID :	GBQL9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:30:48	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	406	435	389	410	5.69	cps
Lead	206-1	2011	1856	1800	1889	5.79	cps
Lead	207-1	1639	1422	1311	1458	11.44	cps
Lead	208-1	7690	6768	6973	7144	6.78	cps
Lithium	6-1	3101334	3050450	3015519	3055768	1.41	cps
Magnesium	24-2	1575	1567	1567	1570	0.31	cps
Manganese	55-2	370	390	383	381	2.67	cps
Molybdenum	94-1	608	275	217	367	57.63	cps
Molybdenum	95-1	750	267	117	378	87.61	cps
Molybdenum	96-1	792	367	217	458	65.07	cps
Molybdenum	97-1	467	167	50	228	94.37	cps
Molybdenum	98-1	1258	367	183	603	95.41	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	280	277	313	290	6.99	cps
Phosphorus	31-2	183	208	125	172	24.83	cps
Potassium	39-2	23595	23820	22885	23433	2.08	cps
Rhodium	103-1	4715643	4633795	4581353	4643597	1.46	cps
Rhodium	103-2	1866927	1917346	1888501	1890924	1.34	cps
Scandium	45-1	3758888	3801666	3706567	3755707	1.27	cps
Scandium	45-2	108637	108986	109172	108932	0.25	cps
Selenium	82-1	-8	-14	55	11	337.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	67	46	54	21.60	cps
Silicon	28-1	936784	917595	932389	928923	1.08	cps
Silver	107-1	208	233	167	203	16.61	cps
Silver	109-1	117	192	217	175	29.74	cps
Sodium	23-2	20356	21458	21258	21024	2.79	cps
Strontium	86-1	1475	1125	1000	1200	20.52	cps
Strontium	88-1	9120	3768	2542	5143	68.01	cps
Sulfur	34-1	425598	424223	424583	424801	0.17	cps
Terbium	159-1	5620466	5512107	5503621	5545398	1.17	cps
Terbium	159-2	2202106	2190889	2193806	2195600	0.27	cps
Thallium	203-1	208	117	108	144	38.41	cps
Thallium	205-1	408	408	258	358	24.17	cps
Tin	118-1	358	242	283	294	20.08	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-04	Instrumnet Name :	P8
Client Sample ID :	GBQL9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:30:48	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	508	367	333	403	23.07	cps
Uranium	238-1	325	75	42	147	105.19	cps
Vanadium	51-2	20	27	7	18	57.27	cps
Ytterbium	172-1	33	33	50	39	24.75	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	700	633	733	689	7.39	cps
Ytterbium	176-2	4834	5068	5629	5177	7.89	cps
Yttrium	89-1	7654408	7530760	7548638	7577935	0.88	cps
Yttrium	89-2	732844	745638	742502	740328	0.90	cps
Zinc	66-2	647	583	553	594	8.02	cps
Zirconium	90-1	608	275	467	450	37.18	cps
Zirconium	91-1	117	75	33	75	55.56	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-05	Instrumnet Name :	P8
Client Sample ID :	GBQM0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:33:59	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162	154	209	175	16.89	cps
Antimony	121-1	42	67	58	56	22.91	cps
Arsenic	75-2	4	4	1	3	57.74	cps
Barium	135-1	4643	4459	4618	4573	2.18	cps
Barium	137-1	8428	8161	8228	8272	1.68	cps
Beryllium	9-1	59	70	57	62	11.09	cps
Bismuth	209-1	3090355	3197967	3224177	3170833	2.24	cps
Bismuth	209-2	1564283	1557359	1552864	1558169	0.37	cps
Boron	10-1	1126	1088	1014	1076	5.29	cps
Boron	11-1	5150	5036	5282	5156	2.39	cps
Bromine	81-1	34589	35382	34498	34823	1.40	cps
Cadmium	111-1	1621	1987	1597	1735	12.62	cps
Cadmium	106-1	2317	2859	2325	2500	12.42	cps
Cadmium	108-1	38	38	50	42	17.32	cps
Calcium	43-1	690	669	706	688	2.73	cps
Calcium	44-1	18261	18095	18027	18127	0.66	cps
Carbon	12-1	4607255	4792920	4860061	4753412	2.75	cps
Carbon	12-2	52377	52887	51943	52402	0.90	cps
Chlorine	35-1	223043	223683	221177	222634	0.58	cps
Chlorine	35-2	1208	1208	1025	1147	9.23	cps
Chromium	52-2	557	493	473	508	8.57	cps
Cobalt	59-2	30	33	40	34	14.78	cps
Copper	63-2	643	667	677	662	2.58	cps
Dysprosium	156-1	42	8	0	17	132.30	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	50	50	58	53	9.11	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	33	50	50	44	21.66	cps
Gadolinium	160-2	73	90	63	76	17.83	cps
Holmium	165-1	5249119	5264892	5231592	5248534	0.32	cps
Holmium	165-2	2245815	2259115	2241838	2248922	0.40	cps
Indium	115-1	4624087	4645167	4560849	4610034	0.95	cps
Indium	115-2	657854	657746	658352	657984	0.05	cps
Iron	54-2	639	600	761	667	12.61	cps
Iron	56-2	6313	5857	6101	6090	3.74	cps
Iron	57-2	322	367	350	346	6.48	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-05	Instrumnet Name :	P8
Client Sample ID :	GBQM0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:33:59	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	407	396	404	402	1.42	cps
Lead	206-1	961	1017	900	959	6.08	cps
Lead	207-1	739	883	789	804	9.13	cps
Lead	208-1	3773	3734	3528	3678	3.57	cps
Lithium	6-1	3044524	2983519	3049375	3025806	1.21	cps
Magnesium	24-2	1083	1117	1108	1103	1.57	cps
Manganese	55-2	147	177	237	187	24.55	cps
Molybdenum	94-1	142	92	125	119	21.31	cps
Molybdenum	95-1	17	50	58	42	52.91	cps
Molybdenum	96-1	100	167	75	114	41.61	cps
Molybdenum	97-1	25	17	0	14	91.65	cps
Molybdenum	98-1	58	50	67	58	14.29	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	97	117	110	108	9.45	cps
Phosphorus	31-2	150	258	158	189	31.92	cps
Potassium	39-2	23311	22434	22385	22710	2.29	cps
Rhodium	103-1	4769232	4753845	4486395	4669824	3.41	cps
Rhodium	103-2	1918950	1882533	1902567	1901350	0.96	cps
Scandium	45-1	3770650	3664533	3742201	3725795	1.47	cps
Scandium	45-2	107038	108806	108826	108223	0.95	cps
Selenium	82-1	-18	-8	-25	-17	-52.68	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	46	41	44	44	5.76	cps
Silicon	28-1	908813	919808	903639	910753	0.91	cps
Silver	107-1	333	225	342	300	21.70	cps
Silver	109-1	150	267	250	222	28.40	cps
Sodium	23-2	17987	17761	18053	17934	0.85	cps
Strontium	86-1	792	650	733	725	9.82	cps
Strontium	88-1	1458	1325	1458	1414	5.44	cps
Sulfur	34-1	427295	429376	428165	428279	0.24	cps
Terbium	159-1	5543041	5369622	5285614	5399425	2.43	cps
Terbium	159-2	2223989	2198605	2137448	2186681	2.03	cps
Thallium	203-1	125	158	125	136	14.14	cps
Thallium	205-1	300	258	292	283	7.78	cps
Tin	118-1	342	300	300	314	7.66	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-05	Instrumnet Name :	P8
Client Sample ID :	GBQM0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:33:59	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	225	258	275	21.85	cps
Uranium	238-1	17	25	42	28	45.82	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Ytterbium	172-1	17	33	33	28	34.63	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	800	767	808	792	2.78	cps
Ytterbium	176-2	5218	5368	5507	5364	2.69	cps
Yttrium	89-1	7677763	7434775	7504658	7539065	1.66	cps
Yttrium	89-2	732205	742801	740416	738474	0.75	cps
Zinc	66-2	400	327	390	372	10.68	cps
Zirconium	90-1	550	308	425	428	28.26	cps
Zirconium	91-1	83	108	83	92	15.74	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-06	Instrumnet Name :	P8
Client Sample ID :	GBQM1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:37:11	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224	207	197	210	6.32	cps
Antimony	121-1	42	50	33	42	20.00	cps
Arsenic	75-2	1	4	2	2	65.47	cps
Barium	135-1	3859	3851	3834	3848	0.33	cps
Barium	137-1	6660	7169	6627	6819	4.45	cps
Beryllium	9-1	66	81	52	67	21.57	cps
Bismuth	209-1	3318714	3383895	3272256	3324955	1.69	cps
Bismuth	209-2	1598357	1689174	1595891	1627807	3.27	cps
Boron	10-1	1048	1028	1160	1078	6.60	cps
Boron	11-1	4890	4766	4704	4787	1.98	cps
Bromine	81-1	35843	35341	37459	36215	3.06	cps
Cadmium	111-1	1741	1556	1785	1694	7.18	cps
Cadmium	106-1	2509	2250	2575	2445	7.02	cps
Cadmium	108-1	46	46	38	43	11.17	cps
Calcium	43-1	639	647	615	634	2.65	cps
Calcium	44-1	17844	17846	17251	17647	1.94	cps
Carbon	12-1	5185554	5572737	5784383	5514225	5.51	cps
Carbon	12-2	62416	62767	63070	62751	0.52	cps
Chlorine	35-1	209670	207757	206692	208040	0.73	cps
Chlorine	35-2	1433	1325	1092	1283	13.61	cps
Chromium	52-2	430	440	460	443	3.45	cps
Cobalt	59-2	50	33	33	39	24.75	cps
Copper	63-2	593	530	503	542	8.53	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	58	50	25	44	39.03	cps
Gadolinium	160-2	53	67	60	60	11.12	cps
Holmium	165-1	5369602	5453819	5457979	5427133	0.92	cps
Holmium	165-2	2362958	2369581	2300748	2344429	1.62	cps
Indium	115-1	4857977	4809835	4746375	4804729	1.17	cps
Indium	115-2	683347	684374	673123	680281	0.91	cps
Iron	54-2	744	750	878	791	9.54	cps
Iron	56-2	8564	8503	8619	8562	0.68	cps
Iron	57-2	339	378	356	357	5.46	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-06	Instrumnet Name :	P8
Client Sample ID :	GBQM1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:37:11	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	385	379	400	388	2.82	cps
Lead	206-1	883	1056	972	970	8.88	cps
Lead	207-1	861	828	939	876	6.51	cps
Lead	208-1	3645	3811	3778	3745	2.36	cps
Lithium	6-1	3188422	3124215	3171499	3161379	1.05	cps
Magnesium	24-2	700	708	825	744	9.39	cps
Manganese	55-2	263	253	263	260	2.22	cps
Molybdenum	94-1	125	158	133	139	12.49	cps
Molybdenum	95-1	42	42	58	47	20.38	cps
Molybdenum	96-1	100	108	108	106	4.56	cps
Molybdenum	97-1	33	67	17	39	65.47	cps
Molybdenum	98-1	75	100	92	89	14.32	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1447	1393	1503	1448	3.80	cps
Phosphorus	31-2	183	142	133	153	17.53	cps
Potassium	39-2	21967	21809	22251	22009	1.02	cps
Rhodium	103-1	4687933	4750645	4740786	4726454	0.71	cps
Rhodium	103-2	1917024	1977848	1956886	1950586	1.58	cps
Scandium	45-1	3792333	3866900	3746089	3801774	1.60	cps
Scandium	45-2	112067	112889	111872	112276	0.48	cps
Selenium	82-1	3	8	16	9	79.54	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	49	55	50	51	6.26	cps
Silicon	28-1	931960	944550	927510	934674	0.95	cps
Silver	107-1	233	250	150	211	25.38	cps
Silver	109-1	217	142	167	175	21.82	cps
Sodium	23-2	18153	18345	18078	18192	0.76	cps
Strontium	86-1	825	817	783	808	2.73	cps
Strontium	88-1	1158	1092	1233	1161	6.11	cps
Sulfur	34-1	428039	433393	432906	431446	0.69	cps
Terbium	159-1	5763278	5522152	5656840	5647423	2.14	cps
Terbium	159-2	2235522	2317641	2259166	2270776	1.86	cps
Thallium	203-1	117	125	142	128	9.96	cps
Thallium	205-1	283	275	283	281	1.72	cps
Tin	118-1	433	475	625	511	19.72	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1265-06	Instrumnet Name :	P8
Client Sample ID :	GBQM1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:37:11	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	250	258	256	1.88	cps
Uranium	238-1	17	25	17	19	24.73	cps
Vanadium	51-2	0	17	10	9	94.38	cps
Ytterbium	172-1	25	33	92	50	72.65	cps
Ytterbium	172-2	6	17	22	15	57.25	cps
Ytterbium	176-1	817	767	833	806	4.31	cps
Ytterbium	176-2	5462	5579	5685	5575	1.99	cps
Yttrium	89-1	7573999	7651613	7647994	7624535	0.57	cps
Yttrium	89-2	750624	765619	742283	752842	1.57	cps
Zinc	66-2	497	490	463	483	3.65	cps
Zirconium	90-1	408	317	350	358	12.95	cps
Zirconium	91-1	67	42	42	50	28.87	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-01	Instrumnet Name :	P8
Client Sample ID :	MC0LK0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:40:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3599	3523	3512	3545	1.33	cps
Antimony	121-1	108	83	208	133	49.61	cps
Arsenic	75-2	5	1	4	3	62.45	cps
Barium	135-1	83	33	200	106	81.03	cps
Barium	137-1	92	167	292	183	55.11	cps
Beryllium	9-1	60	60	96	72	29.04	cps
Bismuth	209-1	3150533	3287462	3312597	3250197	2.68	cps
Bismuth	209-2	1606030	1538471	1560948	1568483	2.19	cps
Boron	10-1	574	576	586	579	1.11	cps
Boron	11-1	2776	2636	2530	2647	4.66	cps
Bromine	81-1	35391	35542	35391	35441	0.24	cps
Cadmium	111-1	1872	1819	1804	1832	1.95	cps
Cadmium	106-1	2700	2634	2567	2634	2.53	cps
Cadmium	108-1	50	58	50	53	9.11	cps
Calcium	43-1	465	422	615	501	20.19	cps
Calcium	44-1	14184	14180	17698	15354	13.22	cps
Carbon	12-1	5305225	5580473	5693133	5526277	3.61	cps
Carbon	12-2	63571	63554	62057	63061	1.38	cps
Chlorine	35-1	207580	205400	203957	205645	0.89	cps
Chlorine	35-2	1067	1142	1325	1178	11.28	cps
Chromium	52-2	1027	897	1007	977	7.17	cps
Cobalt	59-2	127	67	77	90	35.72	cps
Copper	63-2	1223	1067	867	1052	16.99	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	75	17	50	47	61.97	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	63	93	57	71	27.46	cps
Holmium	165-1	5369385	5278946	5297468	5315266	0.90	cps
Holmium	165-2	2309025	2332395	2214229	2285216	2.74	cps
Indium	115-1	4575764	4678082	4559725	4604524	1.39	cps
Indium	115-2	665645	672188	652804	663546	1.49	cps
Iron	54-2	1283	922	706	970	30.08	cps
Iron	56-2	15387	9642	8497	11175	33.03	cps
Iron	57-2	611	478	389	493	22.71	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-01	Instrumnet Name :	P8
Client Sample ID :	MC0LK0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:40:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	370	375	380	3.48	cps
Lead	206-1	667	578	989	744	29.06	cps
Lead	207-1	489	539	694	574	18.67	cps
Lead	208-1	2495	2445	3656	2865	23.92	cps
Lithium	6-1	3054926	3131226	3067342	3084498	1.33	cps
Magnesium	24-2	1625	767	467	953	63.10	cps
Manganese	55-2	427	253	263	314	30.95	cps
Molybdenum	94-1	92	108	525	242	101.59	cps
Molybdenum	95-1	42	25	792	286	153.06	cps
Molybdenum	96-1	100	125	1017	414	126.17	cps
Molybdenum	97-1	33	0	383	139	152.90	cps
Molybdenum	98-1	25	25	1334	461	163.82	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	413	487	430	443	8.67	cps
Phosphorus	31-2	225	125	75	142	53.92	cps
Potassium	39-2	21442	21717	21258	21472	1.08	cps
Rhodium	103-1	4693872	4656559	4730243	4693558	0.78	cps
Rhodium	103-2	1912334	1922554	1922898	1919262	0.31	cps
Scandium	45-1	3785498	3934772	3793288	3837852	2.19	cps
Scandium	45-2	109259	108768	106834	108287	1.18	cps
Selenium	82-1	-19	15	55	17	216.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	45	56	51	10.93	cps
Silicon	28-1	929138	952783	956365	946095	1.56	cps
Silver	107-1	375	217	192	261	38.08	cps
Silver	109-1	233	208	142	194	24.37	cps
Sodium	23-2	17619	15383	14975	15993	8.90	cps
Strontium	86-1	683	800	1367	950	38.48	cps
Strontium	88-1	875	650	6106	2544	121.36	cps
Sulfur	34-1	432678	425618	431192	429829	0.87	cps
Terbium	159-1	5487483	5562660	5729189	5593110	2.21	cps
Terbium	159-2	2202109	2270063	2208448	2226873	1.69	cps
Thallium	203-1	125	158	192	158	21.05	cps
Thallium	205-1	267	225	458	317	39.30	cps
Tin	118-1	383	358	517	419	20.29	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-01	Instrumnet Name :	P8
Client Sample ID :	MC0LK0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:40:21	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	267	550	344	52.19	cps
Uranium	238-1	17	33	250	100	130.17	cps
Vanadium	51-2	40	13	27	27	50.01	cps
Ytterbium	172-1	50	17	17	28	69.27	cps
Ytterbium	172-2	11	0	11	7	86.60	cps
Ytterbium	176-1	733	808	958	833	13.75	cps
Ytterbium	176-2	5379	5540	5479	5466	1.49	cps
Yttrium	89-1	7493738	7697960	7499017	7563572	1.54	cps
Yttrium	89-2	741815	738897	741975	740896	0.23	cps
Zinc	66-2	633	647	610	630	2.95	cps
Zirconium	90-1	300	275	458	344	28.87	cps
Zirconium	91-1	42	67	58	56	22.91	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-02	Instrumnet Name :	P8
Client Sample ID :	MC0LK1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:43:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189	211	192	197	6.10	cps
Antimony	121-1	75	33	67	58	37.80	cps
Arsenic	75-2	1	5	0	2	132.29	cps
Barium	135-1	83	100	92	92	9.09	cps
Barium	137-1	250	217	117	194	35.69	cps
Beryllium	9-1	50	57	61	56	10.19	cps
Bismuth	209-1	3177641	3246106	3319926	3247891	2.19	cps
Bismuth	209-2	1572285	1590363	1580762	1581136	0.57	cps
Boron	10-1	504	476	522	501	4.63	cps
Boron	11-1	2354	2310	2248	2304	2.31	cps
Bromine	81-1	35111	34397	36013	35174	2.30	cps
Cadmium	111-1	1913	1769	1656	1779	7.24	cps
Cadmium	106-1	2759	2575	2375	2570	7.46	cps
Cadmium	108-1	38	67	33	46	39.63	cps
Calcium	43-1	295	354	319	322	9.16	cps
Calcium	44-1	13014	12922	12787	12908	0.89	cps
Carbon	12-1	5409808	5561113	5753343	5574755	3.09	cps
Carbon	12-2	62274	62232	61580	62029	0.63	cps
Chlorine	35-1	195295	194966	193777	194679	0.41	cps
Chlorine	35-2	1317	1333	1017	1222	14.58	cps
Chromium	52-2	1050	850	990	963	10.65	cps
Cobalt	59-2	60	53	67	60	11.12	cps
Copper	63-2	613	587	670	623	6.83	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	58	33	50	47	26.96	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	67	87	37	63	39.73	cps
Holmium	165-1	5076272	5345582	5590961	5337605	4.82	cps
Holmium	165-2	2200387	2245407	2200423	2215405	1.17	cps
Indium	115-1	4656191	4773463	4925184	4784946	2.82	cps
Indium	115-2	667500	656623	663435	662520	0.83	cps
Iron	54-2	767	717	706	730	4.46	cps
Iron	56-2	6891	6713	6807	6804	1.31	cps
Iron	57-2	389	350	300	346	12.87	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-02	Instrumnet Name :	P8
Client Sample ID :	MC0LK1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:43:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	379	375	399	384	3.32	cps
Lead	206-1	2172	2361	2245	2259	4.22	cps
Lead	207-1	1767	1850	1856	1824	2.73	cps
Lead	208-1	8362	8540	8468	8457	1.06	cps
Lithium	6-1	3085840	3110515	3160429	3118928	1.22	cps
Magnesium	24-2	367	375	467	403	13.78	cps
Manganese	55-2	183	183	197	188	4.10	cps
Molybdenum	94-1	100	125	125	117	12.37	cps
Molybdenum	95-1	17	67	42	42	60.00	cps
Molybdenum	96-1	108	142	133	128	13.57	cps
Molybdenum	97-1	67	42	17	42	60.00	cps
Molybdenum	98-1	83	50	108	81	36.33	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	433	460	500	464	7.22	cps
Phosphorus	31-2	117	158	92	122	27.56	cps
Potassium	39-2	21391	22167	21099	21553	2.56	cps
Rhodium	103-1	4617878	4730397	4744158	4697477	1.47	cps
Rhodium	103-2	1943238	1934762	1951751	1943250	0.44	cps
Scandium	45-1	3712462	3728560	3942645	3794555	3.39	cps
Scandium	45-2	110189	108718	107546	108818	1.22	cps
Selenium	82-1	16	62	18	32	82.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	53	62	51	25.00	cps
Silicon	28-1	917230	944363	931514	931036	1.46	cps
Silver	107-1	233	242	158	211	21.74	cps
Silver	109-1	100	217	142	153	38.70	cps
Sodium	23-2	13707	13915	14457	14027	2.76	cps
Strontium	86-1	725	708	675	703	3.62	cps
Strontium	88-1	892	900	808	867	5.85	cps
Sulfur	34-1	430858	434816	433203	432959	0.46	cps
Terbium	159-1	5377219	5631618	5814629	5607822	3.92	cps
Terbium	159-2	2250457	2260351	2204476	2238428	1.33	cps
Thallium	203-1	92	100	133	108	20.35	cps
Thallium	205-1	258	208	250	239	11.21	cps
Tin	118-1	375	358	325	353	7.22	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-02	Instrumnet Name :	P8
Client Sample ID :	MC0LK1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:43:34	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	192	183	222	27.13	cps
Uranium	238-1	25	42	25	31	31.50	cps
Vanadium	51-2	7	13	13	11	34.61	cps
Ytterbium	172-1	58	33	42	44	28.64	cps
Ytterbium	172-2	28	17	6	17	66.65	cps
Ytterbium	176-1	892	767	767	808	8.93	cps
Ytterbium	176-2	5229	5562	5296	5362	3.29	cps
Yttrium	89-1	7663191	7650231	8005733	7773052	2.59	cps
Yttrium	89-2	735271	734994	751173	740479	1.25	cps
Zinc	66-2	257	210	183	217	17.13	cps
Zirconium	90-1	325	283	342	317	9.49	cps
Zirconium	91-1	42	75	50	56	31.22	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-03	Instrumnet Name :	P8
Client Sample ID :	MC0LK2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:46:45	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	276	310	304	297	6.05	cps
Antimony	121-1	33	92	108	78	50.64	cps
Arsenic	75-2	2	7	4	4	58.08	cps
Barium	135-1	217	283	350	283	23.53	cps
Barium	137-1	367	442	375	394	10.42	cps
Beryllium	9-1	54	46	59	53	11.89	cps
Bismuth	209-1	3263461	3271905	3183231	3239532	1.51	cps
Bismuth	209-2	1576684	1571559	1573431	1573891	0.16	cps
Boron	10-1	432	444	462	446	3.39	cps
Boron	11-1	2016	2000	1996	2004	0.53	cps
Bromine	81-1	35642	36616	34458	35572	3.04	cps
Cadmium	111-1	1564	1668	1891	1708	9.78	cps
Cadmium	106-1	2284	2425	2742	2484	9.45	cps
Cadmium	108-1	67	54	58	60	10.66	cps
Calcium	43-1	809	787	764	787	2.86	cps
Calcium	44-1	19890	19794	19630	19771	0.67	cps
Carbon	12-1	5267108	5577471	5675400	5506660	3.87	cps
Carbon	12-2	60977	60257	62274	61169	1.67	cps
Chlorine	35-1	188069	187444	186829	187447	0.33	cps
Chlorine	35-2	992	1017	950	986	3.41	cps
Chromium	52-2	1097	1083	1137	1106	2.51	cps
Cobalt	59-2	47	40	37	41	12.39	cps
Copper	63-2	620	547	570	579	6.47	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	50	58	42	50	16.67	cps
Erbium	164-2	17	17	3	12	63.01	cps
Gadolinium	160-1	67	17	58	47	56.72	cps
Gadolinium	160-2	60	57	63	60	5.55	cps
Holmium	165-1	5225135	5182701	5426886	5278241	2.47	cps
Holmium	165-2	2255418	2237598	2287506	2260174	1.12	cps
Indium	115-1	4779338	4744312	4649397	4724349	1.42	cps
Indium	115-2	668093	676351	675331	673259	0.67	cps
Iron	54-2	922	894	789	869	8.10	cps
Iron	56-2	10877	10793	9948	10539	4.87	cps
Iron	57-2	433	456	456	448	2.86	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-03	Instrumnet Name :	P8
Client Sample ID :	MC0LK2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:46:45	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	381	405	336	374	9.33	cps
Lead	206-1	1811	1872	1945	1876	3.56	cps
Lead	207-1	1528	1606	1539	1558	2.70	cps
Lead	208-1	7090	7507	7418	7338	2.99	cps
Lithium	6-1	3085851	3091746	3162140	3113246	1.36	cps
Magnesium	24-2	1142	1225	1133	1167	4.34	cps
Manganese	55-2	597	717	613	642	10.12	cps
Molybdenum	94-1	150	142	117	136	12.74	cps
Molybdenum	95-1	50	67	50	56	17.32	cps
Molybdenum	96-1	142	133	92	122	21.92	cps
Molybdenum	97-1	17	42	8	22	78.07	cps
Molybdenum	98-1	75	142	100	106	31.91	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	727	697	657	693	5.07	cps
Phosphorus	31-2	117	125	150	131	13.29	cps
Potassium	39-2	21976	21959	21400	21778	1.51	cps
Rhodium	103-1	4614437	4796018	4705527	4705328	1.93	cps
Rhodium	103-2	1956711	1920504	1936470	1937895	0.94	cps
Scandium	45-1	3776165	3841062	3867054	3828094	1.22	cps
Scandium	45-2	112843	109894	109769	110835	1.57	cps
Selenium	82-1	18	22	46	29	53.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	55	52	54	3.83	cps
Silicon	28-1	915483	927891	953200	932191	2.06	cps
Silver	107-1	158	100	108	122	25.81	cps
Silver	109-1	150	125	108	128	16.41	cps
Sodium	23-2	14432	14658	14024	14371	2.24	cps
Strontium	86-1	625	775	667	689	11.24	cps
Strontium	88-1	1342	1367	1500	1403	6.07	cps
Sulfur	34-1	433116	436342	436333	435263	0.43	cps
Terbium	159-1	5574954	5796641	5524364	5631986	2.57	cps
Terbium	159-2	2276800	2187692	2218095	2227529	2.03	cps
Thallium	203-1	125	33	100	86	55.03	cps
Thallium	205-1	250	175	325	250	30.00	cps
Tin	118-1	317	367	433	372	15.72	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-03	Instrumnet Name :	P8
Client Sample ID :	MC0LK2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:46:45	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	258	317	283	10.61	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Ytterbium	172-1	33	0	42	25	88.19	cps
Ytterbium	172-2	39	6	0	15	141.95	cps
Ytterbium	176-1	825	850	725	800	8.27	cps
Ytterbium	176-2	5107	5440	5479	5342	3.83	cps
Yttrium	89-1	7794981	7831789	7555068	7727280	1.94	cps
Yttrium	89-2	751776	742383	735480	743213	1.10	cps
Zinc	66-2	307	300	227	278	15.98	cps
Zirconium	90-1	300	292	333	308	7.15	cps
Zirconium	91-1	50	58	75	61	20.83	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-04	Instrumnet Name :	P8
Client Sample ID :	MC0LK3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:49:57	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124	119	106	116	7.75	cps
Antimony	121-1	75	17	58	50	60.09	cps
Arsenic	75-2	5	5	2	4	43.30	cps
Barium	135-1	67	50	83	67	25.00	cps
Barium	137-1	108	150	142	133	16.54	cps
Beryllium	9-1	47	62	57	56	13.68	cps
Bismuth	209-1	3252985	3195935	3224470	3224463	0.88	cps
Bismuth	209-2	1569478	1589706	1570147	1576444	0.73	cps
Boron	10-1	456	376	394	409	10.27	cps
Boron	11-1	2036	1836	1994	1955	5.39	cps
Bromine	81-1	34538	34890	36827	35418	3.48	cps
Cadmium	111-1	1696	1632	1576	1635	3.65	cps
Cadmium	106-1	2442	2367	2300	2370	2.99	cps
Cadmium	108-1	38	42	54	44	19.52	cps
Calcium	43-1	299	327	309	312	4.68	cps
Calcium	44-1	12735	12695	12550	12660	0.77	cps
Carbon	12-1	5654162	5939959	6214150	5936090	4.72	cps
Carbon	12-2	67907	66291	65521	66573	1.83	cps
Chlorine	35-1	184304	184336	182457	183699	0.59	cps
Chlorine	35-2	1392	1050	1025	1156	17.73	cps
Chromium	52-2	9136	8766	8666	8856	2.80	cps
Cobalt	59-2	130	137	133	133	2.50	cps
Copper	63-2	1387	1247	1347	1327	5.44	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	83	47	66.82	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	33	83	33	50	57.75	cps
Gadolinium	160-2	60	47	83	63	29.30	cps
Holmium	165-1	5213866	5280918	5457491	5317425	2.37	cps
Holmium	165-2	2248847	2337083	2234466	2273465	2.44	cps
Indium	115-1	4623112	4672009	4736831	4677317	1.22	cps
Indium	115-2	658924	668311	662634	663290	0.71	cps
Iron	54-2	1706	1934	1856	1832	6.32	cps
Iron	56-2	25651	25200	23998	24950	3.42	cps
Iron	57-2	833	772	800	802	3.82	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-04	Instrumnet Name :	P8
Client Sample ID :	MC0LK3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:49:57	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	399	381	402	394	2.88	cps
Lead	206-1	600	583	528	570	6.63	cps
Lead	207-1	550	544	467	520	8.95	cps
Lead	208-1	2406	2333	2328	2356	1.84	cps
Lithium	6-1	3029844	3193294	3148295	3123811	2.70	cps
Magnesium	24-2	367	392	333	364	8.04	cps
Manganese	55-2	380	393	377	383	2.30	cps
Molybdenum	94-1	200	192	183	192	4.35	cps
Molybdenum	95-1	142	167	200	169	17.27	cps
Molybdenum	96-1	300	317	275	297	7.06	cps
Molybdenum	97-1	100	67	75	81	21.53	cps
Molybdenum	98-1	242	275	258	258	6.45	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1730	1643	1753	1709	3.39	cps
Phosphorus	31-2	117	142	83	114	25.69	cps
Potassium	39-2	20532	21291	22493	21439	4.61	cps
Rhodium	103-1	4817071	4630526	4876599	4774732	2.69	cps
Rhodium	103-2	1859837	1915930	1914787	1896851	1.69	cps
Scandium	45-1	3776263	3772250	3808894	3785802	0.53	cps
Scandium	45-2	106342	110196	109299	108612	1.86	cps
Selenium	82-1	26	8	15	16	58.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	51	37	37	42	19.41	cps
Silicon	28-1	931238	955116	935331	940562	1.36	cps
Silver	107-1	175	258	158	197	27.16	cps
Silver	109-1	100	125	133	119	14.53	cps
Sodium	23-2	13565	13748	13924	13746	1.31	cps
Strontium	86-1	725	675	700	700	3.57	cps
Strontium	88-1	575	567	425	522	16.14	cps
Sulfur	34-1	437207	434916	437600	436575	0.33	cps
Terbium	159-1	5527972	5524763	5587284	5546673	0.63	cps
Terbium	159-2	2169512	2209683	2135502	2171566	1.71	cps
Thallium	203-1	108	83	50	81	36.33	cps
Thallium	205-1	208	175	142	175	19.05	cps
Tin	118-1	375	408	483	422	13.14	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-04	Instrumnet Name :	P8
Client Sample ID :	MC0LK3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:49:57	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	183	300	233	25.75	cps
Uranium	238-1	17	8	0	8	100.02	cps
Vanadium	51-2	20	33	37	30	29.40	cps
Ytterbium	172-1	33	17	108	53	92.52	cps
Ytterbium	172-2	28	28	33	30	10.81	cps
Ytterbium	176-1	725	825	775	775	6.45	cps
Ytterbium	176-2	5257	5523	5746	5509	4.45	cps
Yttrium	89-1	7674868	7719753	7640560	7678394	0.52	cps
Yttrium	89-2	722574	739362	739019	733652	1.31	cps
Zinc	66-2	217	180	150	182	18.32	cps
Zirconium	90-1	417	392	317	375	13.88	cps
Zirconium	91-1	33	50	83	56	45.83	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-05	Instrumnet Name :	P8
Client Sample ID :	MC0LK4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:53:08	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	125	160	138	13.68	cps
Antimony	121-1	50	42	67	53	24.12	cps
Arsenic	75-2	1	4	5	3	62.45	cps
Barium	135-1	58	100	42	67	45.07	cps
Barium	137-1	83	42	117	81	46.64	cps
Beryllium	9-1	45	54	60	53	14.24	cps
Bismuth	209-1	3182293	3233597	3089026	3168305	2.31	cps
Bismuth	209-2	1587540	1575341	1597815	1586899	0.71	cps
Boron	10-1	392	364	356	371	5.10	cps
Boron	11-1	1748	1672	1716	1712	2.23	cps
Bromine	81-1	35752	34990	35913	35552	1.39	cps
Cadmium	111-1	1810	1569	1664	1681	7.23	cps
Cadmium	106-1	2609	2267	2375	2417	7.23	cps
Cadmium	108-1	29	50	17	32	52.71	cps
Calcium	43-1	480	464	431	458	5.42	cps
Calcium	44-1	15089	15469	15185	15247	1.30	cps
Carbon	12-1	5522744	5778608	5928384	5743245	3.57	cps
Carbon	12-2	62952	64701	63755	63803	1.37	cps
Chlorine	35-1	178566	177529	177725	177940	0.31	cps
Chlorine	35-2	950	1058	1000	1003	5.41	cps
Chromium	52-2	2147	1983	1897	2009	6.32	cps
Cobalt	59-2	57	67	50	58	14.52	cps
Copper	63-2	633	550	513	566	10.87	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	75	42	47	53.91	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	77	80	73	77	4.35	cps
Holmium	165-1	5276757	5225822	5264675	5255751	0.51	cps
Holmium	165-2	2256418	2261571	2277908	2265299	0.50	cps
Indium	115-1	4591962	4676404	4721342	4663236	1.41	cps
Indium	115-2	669084	671265	667613	669321	0.27	cps
Iron	54-2	806	872	767	815	6.55	cps
Iron	56-2	8909	9059	8692	8886	2.08	cps
Iron	57-2	472	461	356	430	14.99	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-05	Instrumnet Name :	P8
Client Sample ID :	MC0LK4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:53:08	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	357	377	404	380	6.11	cps
Lead	206-1	550	694	772	672	16.78	cps
Lead	207-1	522	633	511	556	12.17	cps
Lead	208-1	2461	2739	2639	2613	5.38	cps
Lithium	6-1	3012034	3151623	3132092	3098583	2.44	cps
Magnesium	24-2	483	483	442	469	5.12	cps
Manganese	55-2	327	320	333	327	2.04	cps
Molybdenum	94-1	208	142	175	175	19.05	cps
Molybdenum	95-1	50	17	83	50	66.67	cps
Molybdenum	96-1	175	183	150	169	10.24	cps
Molybdenum	97-1	83	42	33	53	50.76	cps
Molybdenum	98-1	58	125	117	100	36.32	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	797	630	650	692	13.15	cps
Phosphorus	31-2	142	133	67	114	36.09	cps
Potassium	39-2	21834	21133	22051	21672	2.21	cps
Rhodium	103-1	4597596	4608190	4732108	4645965	1.61	cps
Rhodium	103-2	1951001	1897153	1875786	1907980	2.03	cps
Scandium	45-1	3788123	3759815	3765471	3771136	0.40	cps
Scandium	45-2	111482	109471	112178	111043	1.27	cps
Selenium	82-1	20	18	-21	5	426.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	45	53	48	8.62	cps
Silicon	28-1	929072	936741	945648	937154	0.89	cps
Silver	107-1	142	142	192	158	18.23	cps
Silver	109-1	183	250	117	183	36.36	cps
Sodium	23-2	15542	15867	16668	16026	3.62	cps
Strontium	86-1	767	575	700	681	14.30	cps
Strontium	88-1	742	642	725	703	7.62	cps
Sulfur	34-1	440233	436838	437821	438297	0.40	cps
Terbium	159-1	5543349	5640267	5507338	5563651	1.24	cps
Terbium	159-2	2258077	2164462	2207243	2209927	2.12	cps
Thallium	203-1	58	83	92	78	22.30	cps
Thallium	205-1	250	125	167	181	35.25	cps
Tin	118-1	358	442	317	372	17.10	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1196-05	Instrumnet Name :	P8
Client Sample ID :	MC0LK4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:53:08	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	200	300	258	20.14	cps
Uranium	238-1	50	0	8	19	137.78	cps
Vanadium	51-2	7	17	3	9	78.08	cps
Ytterbium	172-1	25	42	25	31	31.50	cps
Ytterbium	172-2	11	22	28	20	41.67	cps
Ytterbium	176-1	858	692	692	747	12.88	cps
Ytterbium	176-2	5273	5612	5729	5538	4.27	cps
Yttrium	89-1	7588587	7553407	7450334	7530776	0.95	cps
Yttrium	89-2	751558	740912	743882	745451	0.74	cps
Zinc	66-2	737	627	643	669	8.86	cps
Zirconium	90-1	408	450	308	389	18.72	cps
Zirconium	91-1	25	100	67	64	58.82	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-01	Instrumnet Name :	P8
Client Sample ID :	MH2504	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:56:21	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2030	1922	1944	1965	2.90	cps
Antimony	121-1	75	25	58	53	48.24	cps
Arsenic	75-2	9	14	14	12	23.41	cps
Barium	135-1	950	1092	1042	1028	6.99	cps
Barium	137-1	2009	1967	1967	1981	1.21	cps
Beryllium	9-1	67	70	56	65	11.34	cps
Bismuth	209-1	3153503	3313281	3273918	3246901	2.56	cps
Bismuth	209-2	1582311	1743966	1576325	1634201	5.82	cps
Boron	10-1	446	432	368	415	10.01	cps
Boron	11-1	1780	1942	1930	1884	4.79	cps
Bromine	81-1	35451	36184	36455	36030	1.44	cps
Cadmium	111-1	1669	1688	1702	1687	0.98	cps
Cadmium	106-1	2417	2425	2459	2434	0.91	cps
Cadmium	108-1	50	79	63	64	22.91	cps
Calcium	43-1	4394	4311	4263	4323	1.54	cps
Calcium	44-1	77404	78070	77309	77594	0.53	cps
Carbon	12-1	5716202	5971862	6218957	5969007	4.21	cps
Carbon	12-2	66367	67354	65697	66473	1.25	cps
Chlorine	35-1	168159	170631	168507	169099	0.79	cps
Chlorine	35-2	1000	1042	992	1011	2.65	cps
Chromium	52-2	1970	2117	1927	2005	4.97	cps
Cobalt	59-2	60	83	93	79	21.68	cps
Copper	63-2	1000	857	930	929	7.72	cps
Dysprosium	156-1	83	83	83	83	0.00	cps
Dysprosium	156-2	43	27	13	28	54.11	cps
Erbium	164-1	92	75	100	89	14.32	cps
Erbium	164-2	27	43	40	37	24.04	cps
Gadolinium	160-1	150	108	67	108	38.46	cps
Gadolinium	160-2	73	123	100	99	25.30	cps
Holmium	165-1	5292060	5408002	5367413	5355825	1.10	cps
Holmium	165-2	2243635	2366435	2249454	2286508	3.03	cps
Indium	115-1	4693377	4665233	4791448	4716686	1.40	cps
Indium	115-2	677833	671874	661611	670439	1.22	cps
Iron	54-2	3578	3639	3373	3530	3.96	cps
Iron	56-2	59491	58447	57851	58596	1.42	cps
Iron	57-2	1656	1489	1711	1619	7.15	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-01	Instrumnet Name :	P8
Client Sample ID :	MH2504	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:56:21	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	415	419	405	413	1.72	cps
Lead	206-1	2306	2611	2250	2389	8.14	cps
Lead	207-1	2167	2161	2061	2130	2.79	cps
Lead	208-1	9663	9685	9213	9520	2.80	cps
Lithium	6-1	3075532	3125362	3098538	3099811	0.80	cps
Magnesium	24-2	3909	4126	3751	3928	4.79	cps
Manganese	55-2	2117	2270	2260	2216	3.87	cps
Molybdenum	94-1	258	167	200	208	22.27	cps
Molybdenum	95-1	100	92	58	83	26.46	cps
Molybdenum	96-1	133	192	158	161	18.16	cps
Molybdenum	97-1	0	17	50	22	114.56	cps
Molybdenum	98-1	117	108	67	97	27.55	cps
Neodymium	150-1	120	93	127	113	15.56	cps
Neodymium	150-2	50	7	30	29	75.07	cps
Nickel	60-2	433	410	477	440	7.69	cps
Phosphorus	31-2	133	175	183	164	16.34	cps
Potassium	39-2	23762	22385	22743	22963	3.11	cps
Rhodium	103-1	4573582	4696936	4911430	4727316	3.62	cps
Rhodium	103-2	1960034	1955270	1946633	1953979	0.35	cps
Scandium	45-1	3621110	3796445	3691297	3702951	2.38	cps
Scandium	45-2	111076	111543	112631	111750	0.71	cps
Selenium	82-1	-21	-11	0	-11	-98.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	42	41	47	43	7.42	cps
Silicon	28-1	1309808	1327729	1307508	1315015	0.84	cps
Silver	107-1	150	117	192	153	24.60	cps
Silver	109-1	192	125	167	161	20.90	cps
Sodium	23-2	17653	17544	17160	17453	1.48	cps
Strontium	86-1	2084	2175	2050	2103	3.08	cps
Strontium	88-1	13624	13182	12673	13159	3.62	cps
Sulfur	34-1	437181	439585	441845	439537	0.53	cps
Terbium	159-1	5418906	5476277	5558580	5484588	1.28	cps
Terbium	159-2	2284592	2271271	2197138	2251000	2.09	cps
Thallium	203-1	75	42	92	69	36.66	cps
Thallium	205-1	242	225	233	233	3.57	cps
Tin	118-1	400	442	250	364	27.70	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-01	Instrumnet Name :	P8
Client Sample ID :	MH2504	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:56:21	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1550	1350	1500	1467	7.10	cps
Uranium	238-1	92	75	58	75	22.22	cps
Vanadium	51-2	130	113	167	137	19.97	cps
Ytterbium	172-1	67	58	58	61	7.87	cps
Ytterbium	172-2	22	22	28	24	13.33	cps
Ytterbium	176-1	783	800	800	794	1.21	cps
Ytterbium	176-2	5512	5635	5740	5629	2.03	cps
Yttrium	89-1	7627172	7790442	7671678	7696431	1.10	cps
Yttrium	89-2	759449	749892	736141	748494	1.57	cps
Zinc	66-2	593	607	667	622	6.28	cps
Zirconium	90-1	517	458	467	481	6.57	cps
Zirconium	91-1	58	67	125	83	43.59	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-02	Instrumnet Name :	P8
Client Sample ID :	MH2505	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:59:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	835	791	775	800	3.88	cps
Antimony	121-1	50	67	67	61	15.75	cps
Arsenic	75-2	10	5	6	7	37.80	cps
Barium	135-1	392	400	408	400	2.08	cps
Barium	137-1	808	883	842	844	4.45	cps
Beryllium	9-1	59	66	56	60	8.62	cps
Bismuth	209-1	3110955	3212665	3331262	3218294	3.43	cps
Bismuth	209-2	1582410	1580584	1594136	1585710	0.46	cps
Boron	10-1	382	372	450	401	10.58	cps
Boron	11-1	1794	1872	1860	1842	2.28	cps
Bromine	81-1	35842	34167	34779	34929	2.43	cps
Cadmium	111-1	1700	1664	1817	1727	4.65	cps
Cadmium	106-1	2417	2409	2584	2470	4.00	cps
Cadmium	108-1	42	50	29	40	26.03	cps
Calcium	43-1	1922	1917	1854	1898	2.02	cps
Calcium	44-1	39723	39695	38605	39341	1.62	cps
Carbon	12-1	5804125	6046421	6258628	6036391	3.77	cps
Carbon	12-2	67522	68485	66057	67355	1.81	cps
Chlorine	35-1	166921	164755	162868	164848	1.23	cps
Chlorine	35-2	1283	975	1233	1164	14.22	cps
Chromium	52-2	2144	2254	1917	2105	8.16	cps
Cobalt	59-2	67	73	53	64	15.80	cps
Copper	63-2	707	713	787	736	6.04	cps
Dysprosium	156-1	17	58	33	36	58.07	cps
Dysprosium	156-2	33	7	17	19	71.30	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	27	10	30	22	48.22	cps
Gadolinium	160-1	25	92	33	50	72.65	cps
Gadolinium	160-2	73	67	80	73	9.09	cps
Holmium	165-1	5368191	5320295	5383928	5357471	0.62	cps
Holmium	165-2	2215806	2300676	2233199	2249894	1.99	cps
Indium	115-1	4672139	4715324	4681903	4689788	0.48	cps
Indium	115-2	660173	647850	664037	657353	1.29	cps
Iron	54-2	2345	2106	2206	2219	5.41	cps
Iron	56-2	33072	33490	31808	32790	2.67	cps
Iron	57-2	1000	1050	1017	1022	2.49	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-02	Instrumnet Name :	P8
Client Sample ID :	MH2505	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:59:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	427	390	416	411	4.68	cps
Lead	206-1	1683	1728	1756	1722	2.12	cps
Lead	207-1	1567	1450	1556	1524	4.22	cps
Lead	208-1	6912	6717	7051	6893	2.43	cps
Lithium	6-1	3151801	3048885	3101470	3100718	1.66	cps
Magnesium	24-2	1909	1808	1692	1803	6.02	cps
Manganese	55-2	457	513	577	516	11.64	cps
Molybdenum	94-1	167	142	192	167	15.00	cps
Molybdenum	95-1	92	100	75	89	14.32	cps
Molybdenum	96-1	175	125	192	164	21.17	cps
Molybdenum	97-1	42	58	50	50	16.67	cps
Molybdenum	98-1	150	192	92	144	34.77	cps
Neodymium	150-1	67	13	40	40	66.68	cps
Neodymium	150-2	17	20	7	14	48.02	cps
Nickel	60-2	1330	1143	1223	1232	7.60	cps
Phosphorus	31-2	125	133	108	122	10.41	cps
Potassium	39-2	22059	21750	22009	21939	0.76	cps
Rhodium	103-1	4660581	4776404	4765587	4734191	1.35	cps
Rhodium	103-2	1952460	1883499	1907720	1914560	1.83	cps
Scandium	45-1	3798116	3803940	3706328	3769461	1.45	cps
Scandium	45-2	109846	109540	111194	110194	0.80	cps
Selenium	82-1	-60	1	-6	-22	-154.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	41	57	48	17.48	cps
Silicon	28-1	1070621	1065831	1070789	1069080	0.26	cps
Silver	107-1	133	217	125	158	32.02	cps
Silver	109-1	100	142	125	122	17.16	cps
Sodium	23-2	19981	18454	18888	19107	4.12	cps
Strontium	86-1	1475	1425	1567	1489	4.83	cps
Strontium	88-1	6010	6702	6277	6329	5.51	cps
Sulfur	34-1	439591	438945	437038	438525	0.30	cps
Terbium	159-1	5465542	5544056	5581953	5530517	1.07	cps
Terbium	159-2	2190035	2225742	2208347	2208041	0.81	cps
Thallium	203-1	50	67	92	69	30.20	cps
Thallium	205-1	158	208	117	161	28.49	cps
Tin	118-1	300	333	333	322	5.97	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-02	Instrumnet Name :	P8
Client Sample ID :	MH2505	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 09:59:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	775	608	692	692	12.05	cps
Uranium	238-1	67	58	58	61	7.87	cps
Vanadium	51-2	60	43	47	50	17.64	cps
Ytterbium	172-1	67	17	67	50	57.73	cps
Ytterbium	172-2	39	28	6	24	70.49	cps
Ytterbium	176-1	717	983	792	831	16.56	cps
Ytterbium	176-2	5290	5523	5479	5431	2.28	cps
Yttrium	89-1	7583867	7708766	7689062	7660565	0.88	cps
Yttrium	89-2	739714	735559	735792	737022	0.32	cps
Zinc	66-2	423	427	387	412	5.38	cps
Zirconium	90-1	317	250	342	303	15.65	cps
Zirconium	91-1	42	42	50	44	10.82	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-03	Instrumnet Name :	P8
Client Sample ID :	MH2506	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:02:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	946	926	936	936	1.07	cps
Antimony	121-1	50	42	92	61	43.83	cps
Arsenic	75-2	7	8	8	8	7.53	cps
Barium	135-1	567	633	692	631	9.92	cps
Barium	137-1	1133	958	1125	1072	9.21	cps
Beryllium	9-1	44	54	55	51	12.13	cps
Bismuth	209-1	3094635	3273116	3221362	3196371	2.87	cps
Bismuth	209-2	1574607	1604755	1574508	1584623	1.10	cps
Boron	10-1	452	414	388	418	7.70	cps
Boron	11-1	1798	1796	1712	1768	2.78	cps
Bromine	81-1	34739	36726	35231	35565	2.91	cps
Cadmium	111-1	1665	1688	1646	1666	1.28	cps
Cadmium	106-1	2400	2442	2375	2406	1.40	cps
Cadmium	108-1	46	54	54	51	9.37	cps
Calcium	43-1	2447	2295	2352	2365	3.26	cps
Calcium	44-1	45971	46585	44611	45722	2.21	cps
Carbon	12-1	5761835	6106883	6285813	6051510	4.40	cps
Carbon	12-2	66073	66618	68258	66983	1.70	cps
Chlorine	35-1	163768	163795	164073	163879	0.10	cps
Chlorine	35-2	900	900	992	931	5.69	cps
Chromium	52-2	1180	1283	1300	1255	5.18	cps
Cobalt	59-2	87	80	87	84	4.56	cps
Copper	63-2	963	1123	1133	1073	8.89	cps
Dysprosium	156-1	33	33	67	44	43.31	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	92	67	167	108	48.04	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	58	75	108	81	31.60	cps
Gadolinium	160-2	57	103	70	77	31.35	cps
Holmium	165-1	5502982	5369041	5261943	5377989	2.25	cps
Holmium	165-2	2207577	2286815	2280487	2258293	1.95	cps
Indium	115-1	4789488	4809327	4779188	4792668	0.32	cps
Indium	115-2	664787	658308	658190	660428	0.57	cps
Iron	54-2	3095	2978	3106	3060	2.31	cps
Iron	56-2	50952	49224	48628	49601	2.43	cps
Iron	57-2	1622	1467	1417	1502	7.14	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-03	Instrumnet Name :	P8
Client Sample ID :	MH2506	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:02:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	379	400	391	2.84	cps
Lead	206-1	1539	1567	1678	1595	4.61	cps
Lead	207-1	1295	1167	1422	1295	9.87	cps
Lead	208-1	6595	6423	6295	6438	2.34	cps
Lithium	6-1	3078245	3136683	3095898	3103608	0.97	cps
Magnesium	24-2	2017	2359	2175	2184	7.83	cps
Manganese	55-2	890	917	790	866	7.72	cps
Molybdenum	94-1	242	158	233	211	21.74	cps
Molybdenum	95-1	133	158	158	150	9.62	cps
Molybdenum	96-1	292	258	142	231	34.16	cps
Molybdenum	97-1	67	183	92	114	53.93	cps
Molybdenum	98-1	292	175	242	236	24.79	cps
Neodymium	150-1	67	47	13	42	63.82	cps
Neodymium	150-2	20	0	10	10	100.00	cps
Nickel	60-2	2790	2864	2794	2816	1.47	cps
Phosphorus	31-2	117	100	150	122	20.83	cps
Potassium	39-2	21892	22610	22376	22293	1.64	cps
Rhodium	103-1	4691972	4707958	4661112	4687014	0.51	cps
Rhodium	103-2	1826763	1904679	1893505	1874982	2.25	cps
Scandium	45-1	3724279	3799898	3731773	3751983	1.11	cps
Scandium	45-2	108929	109910	108712	109184	0.58	cps
Selenium	82-1	-33	0	6	-9	-237.76	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	45	49	55	50	10.14	cps
Silicon	28-1	1126385	1136136	1124540	1129021	0.55	cps
Silver	107-1	200	133	125	153	26.91	cps
Silver	109-1	108	58	75	81	31.60	cps
Sodium	23-2	18846	18220	18679	18582	1.74	cps
Strontium	86-1	1458	1500	1483	1481	1.42	cps
Strontium	88-1	8636	8511	8244	8464	2.37	cps
Sulfur	34-1	436408	437165	440345	437973	0.48	cps
Terbium	159-1	5471454	5602878	5423076	5499136	1.69	cps
Terbium	159-2	2223365	2207497	2169507	2200123	1.26	cps
Thallium	203-1	58	100	83	81	26.03	cps
Thallium	205-1	217	150	192	186	18.10	cps
Tin	118-1	667	583	475	575	16.71	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-03	Instrumnet Name :	P8
Client Sample ID :	MH2506	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:02:44	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	817	842	633	764	14.89	cps
Uranium	238-1	50	50	33	44	21.66	cps
Vanadium	51-2	53	33	57	48	26.42	cps
Ytterbium	172-1	42	33	33	36	13.33	cps
Ytterbium	172-2	6	28	22	19	62.43	cps
Ytterbium	176-1	858	767	783	803	6.08	cps
Ytterbium	176-2	5268	5523	5662	5485	3.65	cps
Yttrium	89-1	7750821	7688503	7538687	7659337	1.42	cps
Yttrium	89-2	734428	750292	746031	743584	1.10	cps
Zinc	66-2	717	770	820	769	6.72	cps
Zirconium	90-1	383	317	358	353	9.55	cps
Zirconium	91-1	50	50	108	69	48.50	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-04	Instrumnet Name :	P8
Client Sample ID :	MH2507	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:05:54	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2500	2477	2404	2460	2.05	cps
Antimony	121-1	33	58	58	50	28.87	cps
Arsenic	75-2	7	9	13	10	31.60	cps
Barium	135-1	2392	2617	2384	2464	5.37	cps
Barium	137-1	4267	4993	4059	4440	11.04	cps
Beryllium	9-1	45	85	49	60	37.08	cps
Bismuth	209-1	3105990	3232503	3558487	3298993	7.08	cps
Bismuth	209-2	1498901	1474974	1516912	1496929	1.41	cps
Boron	10-1	356	310	348	338	7.27	cps
Boron	11-1	1516	1622	1538	1558	3.59	cps
Bromine	81-1	36415	34197	33936	34849	3.91	cps
Cadmium	111-1	1760	1616	2054	1810	12.32	cps
Cadmium	106-1	2559	2350	2984	2631	12.27	cps
Cadmium	108-1	92	71	79	81	13.02	cps
Calcium	43-1	5820	5647	5603	5690	2.02	cps
Calcium	44-1	101839	101313	98987	100713	1.51	cps
Carbon	12-1	5767204	5960921	6148172	5958766	3.20	cps
Carbon	12-2	65522	63981	64986	64830	1.21	cps
Chlorine	35-1	158098	158638	155959	157565	0.90	cps
Chlorine	35-2	1000	950	925	958	3.99	cps
Chromium	52-2	9366	9593	9103	9354	2.62	cps
Cobalt	59-2	287	297	347	310	10.37	cps
Copper	63-2	3127	3200	3204	3177	1.36	cps
Dysprosium	156-1	100	150	92	114	27.70	cps
Dysprosium	156-2	33	33	37	34	5.60	cps
Erbium	164-1	125	125	150	133	10.83	cps
Erbium	164-2	33	27	60	40	44.09	cps
Gadolinium	160-1	158	125	150	144	12.01	cps
Gadolinium	160-2	117	73	107	99	22.95	cps
Holmium	165-1	5481801	5466390	6195220	5714470	7.29	cps
Holmium	165-2	2206086	2110986	2255738	2190937	3.36	cps
Indium	115-1	4682150	4681783	5353559	4905831	7.90	cps
Indium	115-2	636938	618808	649557	635101	2.43	cps
Iron	54-2	7063	7035	7091	7063	0.39	cps
Iron	56-2	113998	113269	108248	111838	2.80	cps
Iron	57-2	3145	2984	3200	3110	3.62	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-04	Instrumnet Name :	P8
Client Sample ID :	MH2507	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:05:54	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	365	394	407	389	5.58	cps
Lead	206-1	4790	4584	4456	4610	3.65	cps
Lead	207-1	3828	3878	3778	3828	1.31	cps
Lead	208-1	18239	17938	17422	17866	2.31	cps
Lithium	6-1	3174838	3103922	3536941	3271900	7.10	cps
Magnesium	24-2	3751	3467	3559	3592	4.03	cps
Manganese	55-2	1597	1757	1713	1689	4.90	cps
Molybdenum	94-1	192	200	250	214	14.75	cps
Molybdenum	95-1	250	192	267	236	16.68	cps
Molybdenum	96-1	283	292	308	294	4.32	cps
Molybdenum	97-1	133	200	150	161	21.54	cps
Molybdenum	98-1	392	283	283	319	19.58	cps
Neodymium	150-1	200	207	247	218	11.59	cps
Neodymium	150-2	47	47	57	50	11.55	cps
Nickel	60-2	6678	6175	6331	6395	4.03	cps
Phosphorus	31-2	200	233	200	211	9.11	cps
Potassium	39-2	22685	22576	23411	22891	1.98	cps
Rhodium	103-1	4731098	4636243	5401419	4922920	8.47	cps
Rhodium	103-2	1849909	1742404	1893281	1828531	4.25	cps
Scandium	45-1	3880948	3842353	4246553	3989951	5.59	cps
Scandium	45-2	106053	102597	106878	105176	2.16	cps
Selenium	82-1	55	-20	26	20	185.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	48	51	48	6.26	cps
Silicon	28-1	1364778	1348484	1360384	1357882	0.62	cps
Silver	107-1	192	192	175	186	5.17	cps
Silver	109-1	125	150	108	128	16.41	cps
Sodium	23-2	16627	16493	16143	16421	1.52	cps
Strontium	86-1	2300	2467	2409	2392	3.54	cps
Strontium	88-1	16468	15367	14875	15570	5.24	cps
Sulfur	34-1	440841	442866	442750	442152	0.26	cps
Terbium	159-1	5631455	5626940	6197967	5818787	5.64	cps
Terbium	159-2	2144396	2034021	2180933	2119783	3.61	cps
Thallium	203-1	125	100	92	106	16.44	cps
Thallium	205-1	100	125	208	144	39.27	cps
Tin	118-1	467	683	600	583	18.74	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-04	Instrumnet Name :	P8
Client Sample ID :	MH2507	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:05:54	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1750	1608	1392	1583	11.40	cps
Uranium	238-1	142	183	125	150	20.03	cps
Vanadium	51-2	150	113	143	136	14.41	cps
Ytterbium	172-1	33	108	50	64	61.65	cps
Ytterbium	172-2	28	6	17	17	66.65	cps
Ytterbium	176-1	842	867	917	875	4.36	cps
Ytterbium	176-2	5146	4807	5596	5183	7.64	cps
Yttrium	89-1	7522618	7750113	8581296	7951343	7.01	cps
Yttrium	89-2	713734	676675	726329	705579	3.66	cps
Zinc	66-2	590	543	580	571	4.30	cps
Zirconium	90-1	325	408	433	389	14.59	cps
Zirconium	91-1	108	92	67	89	23.59	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-05	Instrumnet Name :	P8
Client Sample ID :	MH2508	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:09:08	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1915	1721	1677	1771	7.14	cps
Antimony	121-1	83	42	83	69	34.64	cps
Arsenic	75-2	5	11	4	7	56.79	cps
Barium	135-1	1350	1125	1167	1214	9.86	cps
Barium	137-1	2317	2267	2200	2261	2.59	cps
Beryllium	9-1	77	59	62	66	14.98	cps
Bismuth	209-1	3139333	3219994	3139470	3166266	1.47	cps
Bismuth	209-2	1533843	1583374	1580001	1565739	1.77	cps
Boron	10-1	314	350	354	339	6.49	cps
Boron	11-1	1578	1604	1456	1546	5.11	cps
Bromine	81-1	37228	36455	35793	36492	1.97	cps
Cadmium	111-1	1731	1728	1514	1658	7.53	cps
Cadmium	106-1	2500	2475	2200	2392	6.96	cps
Cadmium	108-1	63	54	92	69	28.35	cps
Calcium	43-1	5908	6047	5802	5919	2.08	cps
Calcium	44-1	105117	105463	104016	104866	0.72	cps
Carbon	12-1	5726719	5936584	6121769	5928357	3.33	cps
Carbon	12-2	65974	65697	65697	65790	0.24	cps
Chlorine	35-1	153264	151596	152691	152517	0.56	cps
Chlorine	35-2	1033	933	950	972	5.51	cps
Chromium	52-2	683	607	707	666	7.86	cps
Cobalt	59-2	57	117	103	92	34.16	cps
Copper	63-2	910	843	890	881	3.88	cps
Dysprosium	156-1	58	25	100	61	61.49	cps
Dysprosium	156-2	20	7	20	16	49.47	cps
Erbium	164-1	92	158	117	122	27.56	cps
Erbium	164-2	47	17	30	31	48.31	cps
Gadolinium	160-1	192	67	117	125	50.33	cps
Gadolinium	160-2	83	83	100	89	10.83	cps
Holmium	165-1	5379351	5472287	5204062	5351900	2.54	cps
Holmium	165-2	2221609	2296483	2337213	2285101	2.57	cps
Indium	115-1	4881448	4669661	4642922	4731343	2.76	cps
Indium	115-2	649915	666073	669735	661908	1.59	cps
Iron	54-2	4295	4362	4073	4243	3.57	cps
Iron	56-2	70764	70038	69681	70161	0.79	cps
Iron	57-2	1956	2011	2106	2024	3.75	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-05	Instrumnet Name :	P8
Client Sample ID :	MH2508	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:09:08	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	444	392	400	412	6.72	cps
Lead	206-1	3506	3362	3267	3378	3.56	cps
Lead	207-1	2773	3106	2673	2850	7.96	cps
Lead	208-1	13069	13586	12608	13088	3.74	cps
Lithium	6-1	3171749	3197551	3100489	3156597	1.59	cps
Magnesium	24-2	3392	3067	3217	3225	5.04	cps
Manganese	55-2	1460	1463	1570	1498	4.18	cps
Molybdenum	94-1	150	175	192	172	12.18	cps
Molybdenum	95-1	42	100	108	83	43.59	cps
Molybdenum	96-1	175	217	183	192	11.50	cps
Molybdenum	97-1	42	117	33	64	71.84	cps
Molybdenum	98-1	175	125	158	153	16.67	cps
Neodymium	150-1	127	120	107	118	8.65	cps
Neodymium	150-2	43	50	43	46	8.45	cps
Nickel	60-2	11732	11078	11448	11419	2.87	cps
Phosphorus	31-2	117	125	133	125	6.67	cps
Potassium	39-2	23703	23319	23353	23458	0.91	cps
Rhodium	103-1	4834306	4710012	4708951	4751090	1.52	cps
Rhodium	103-2	1845507	1916657	2000650	1920938	4.04	cps
Scandium	45-1	3823785	3823925	3830494	3826068	0.10	cps
Scandium	45-2	105717	109467	109420	108201	1.99	cps
Selenium	82-1	-46	16	15	-5	-714.94	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	61	44	48	51	17.43	cps
Silicon	28-1	1282523	1273386	1276711	1277540	0.36	cps
Silver	107-1	142	117	100	119	17.56	cps
Silver	109-1	100	183	100	128	37.66	cps
Sodium	23-2	17962	18078	18470	18170	1.47	cps
Strontium	86-1	2392	2650	2142	2395	10.62	cps
Strontium	88-1	15592	14700	14983	15092	3.02	cps
Sulfur	34-1	439151	439995	441757	440301	0.30	cps
Terbium	159-1	5643712	5686940	5397582	5576078	2.80	cps
Terbium	159-2	2209036	2235171	2220038	2221415	0.59	cps
Thallium	203-1	100	58	100	86	27.93	cps
Thallium	205-1	192	125	175	164	21.17	cps
Tin	118-1	592	583	642	606	5.21	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-05	Instrumnet Name :	P8
Client Sample ID :	MH2508	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:09:08	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1492	1325	1625	1481	10.15	cps
Uranium	238-1	92	83	150	108	33.53	cps
Vanadium	51-2	110	130	93	111	16.52	cps
Ytterbium	172-1	58	50	67	58	14.29	cps
Ytterbium	172-2	6	39	22	22	74.99	cps
Ytterbium	176-1	817	750	700	756	7.75	cps
Ytterbium	176-2	5290	5446	5612	5449	2.96	cps
Yttrium	89-1	7758650	7614524	7297163	7556779	3.12	cps
Yttrium	89-2	732270	740372	757225	743289	1.71	cps
Zinc	66-2	563	560	533	552	2.98	cps
Zirconium	90-1	375	267	375	339	18.46	cps
Zirconium	91-1	50	50	83	61	31.50	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-06	Instrumnet Name :	P8
Client Sample ID :	MH2509	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:12:18	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	384	379	324	362	9.20	cps
Antimony	121-1	33	58	50	47	26.96	cps
Arsenic	75-2	5	4	7	5	28.64	cps
Barium	135-1	433	417	325	392	14.89	cps
Barium	137-1	708	733	692	711	2.95	cps
Beryllium	9-1	51	56	50	52	6.30	cps
Bismuth	209-1	2977426	3334760	3186143	3166110	5.67	cps
Bismuth	209-2	1565497	1567965	1542359	1558607	0.91	cps
Boron	10-1	328	346	270	315	12.62	cps
Boron	11-1	1576	1512	1520	1536	2.27	cps
Bromine	81-1	35030	35362	36174	35522	1.66	cps
Cadmium	111-1	1346	1800	1526	1558	14.68	cps
Cadmium	106-1	2009	2600	2242	2284	13.05	cps
Cadmium	108-1	92	58	79	76	22.05	cps
Calcium	43-1	3466	3420	3284	3390	2.80	cps
Calcium	44-1	64524	65000	63464	64329	1.22	cps
Carbon	12-1	5287265	5434276	5540160	5420567	2.34	cps
Carbon	12-2	58726	60166	59605	59499	1.22	cps
Chlorine	35-1	148784	150730	148800	149438	0.75	cps
Chlorine	35-2	900	775	1058	911	15.59	cps
Chromium	52-2	1977	1837	1733	1849	6.61	cps
Cobalt	59-2	83	60	53	66	24.03	cps
Copper	63-2	893	777	907	859	8.33	cps
Dysprosium	156-1	67	0	50	39	89.22	cps
Dysprosium	156-2	10	0	13	8	89.21	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	42	58	17	39	53.92	cps
Gadolinium	160-2	53	80	50	61	26.91	cps
Holmium	165-1	5001660	5323098	5106135	5143631	3.19	cps
Holmium	165-2	2229099	2199561	2211070	2213243	0.67	cps
Indium	115-1	4547040	4909813	4684337	4713730	3.89	cps
Indium	115-2	648513	656199	648901	651204	0.66	cps
Iron	54-2	2445	2422	2506	2458	1.76	cps
Iron	56-2	36519	38034	35650	36735	3.28	cps
Iron	57-2	1056	1128	1145	1109	4.26	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-06	Instrumnet Name :	P8
Client Sample ID :	MH2509	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:12:18	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	426	352	387	389	9.49	cps
Lead	206-1	844	861	756	820	6.92	cps
Lead	207-1	756	656	644	685	8.93	cps
Lead	208-1	3250	3300	2989	3180	5.25	cps
Lithium	6-1	3019484	3174921	3124496	3106300	2.55	cps
Magnesium	24-2	1317	1450	1367	1378	4.89	cps
Manganese	55-2	647	600	577	608	5.86	cps
Molybdenum	94-1	192	83	150	142	38.57	cps
Molybdenum	95-1	75	117	42	78	48.31	cps
Molybdenum	96-1	167	167	175	169	2.84	cps
Molybdenum	97-1	75	58	42	58	28.57	cps
Molybdenum	98-1	100	58	108	89	30.14	cps
Neodymium	150-1	33	47	27	36	28.64	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1397	1467	1303	1389	5.90	cps
Phosphorus	31-2	192	133	125	150	24.22	cps
Potassium	39-2	21767	21633	21917	21772	0.65	cps
Rhodium	103-1	4563672	4737996	4686803	4662824	1.92	cps
Rhodium	103-2	1856935	1909817	1811012	1859255	2.66	cps
Scandium	45-1	3633699	3862072	3628646	3708139	3.60	cps
Scandium	45-2	110864	106548	109104	108839	1.99	cps
Selenium	82-1	-11	18	26	11	181.10	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	58	40	45	48	19.50	cps
Silicon	28-1	981975	981104	965565	976214	0.95	cps
Silver	107-1	117	175	125	139	22.72	cps
Silver	109-1	108	142	125	125	13.33	cps
Sodium	23-2	15000	14891	15150	15014	0.87	cps
Strontium	86-1	1408	1458	1242	1370	8.28	cps
Strontium	88-1	7736	7027	7452	7405	4.82	cps
Sulfur	34-1	443811	446183	442774	444256	0.39	cps
Terbium	159-1	5463385	5487990	5472832	5474736	0.23	cps
Terbium	159-2	2170439	2187775	2181032	2179749	0.40	cps
Thallium	203-1	50	150	50	83	69.29	cps
Thallium	205-1	142	167	125	144	14.52	cps
Tin	118-1	542	400	283	408	31.68	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-06	Instrumnet Name :	P8
Client Sample ID :	MH2509	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:12:18	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	442	500	467	469	6.23	cps
Uranium	238-1	25	58	50	44	39.04	cps
Vanadium	51-2	37	33	20	30	29.40	cps
Ytterbium	172-1	42	17	50	36	48.03	cps
Ytterbium	172-2	6	17	17	13	49.47	cps
Ytterbium	176-1	650	833	850	778	14.27	cps
Ytterbium	176-2	5334	5529	5618	5494	2.64	cps
Yttrium	89-1	7389381	7662122	7426354	7492619	1.97	cps
Yttrium	89-2	734209	740987	726848	734015	0.96	cps
Zinc	66-2	2240	2157	2220	2206	1.97	cps
Zirconium	90-1	317	483	358	386	22.46	cps
Zirconium	91-1	75	42	83	67	33.07	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-07	Instrumnet Name :	P8
Client Sample ID :	MH2510	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:15:33	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1521	1435	1370	1442	5.26	cps
Antimony	121-1	117	50	58	75	48.44	cps
Arsenic	75-2	6	8	6	7	17.32	cps
Barium	135-1	1583	1508	1242	1445	12.43	cps
Barium	137-1	1975	2517	2117	2203	12.75	cps
Beryllium	9-1	64	57	49	57	13.30	cps
Bismuth	209-1	3259240	3178345	3223649	3220411	1.26	cps
Bismuth	209-2	1597575	1595194	1514781	1569183	3.00	cps
Boron	10-1	308	322	306	312	2.79	cps
Boron	11-1	1406	1464	1474	1448	2.54	cps
Bromine	81-1	35562	33766	36525	35284	3.97	cps
Cadmium	111-1	1664	1723	1729	1705	2.09	cps
Cadmium	106-1	2384	2492	2509	2461	2.76	cps
Cadmium	108-1	42	54	75	57	29.57	cps
Calcium	43-1	4566	4660	4491	4573	1.85	cps
Calcium	44-1	82623	81556	79494	81225	1.96	cps
Carbon	12-1	5123156	5281595	5356601	5253784	2.27	cps
Carbon	12-2	57990	55848	56601	56813	1.91	cps
Chlorine	35-1	145855	146714	145822	146130	0.35	cps
Chlorine	35-2	858	625	900	794	18.66	cps
Chromium	52-2	1547	1643	1583	1591	3.07	cps
Cobalt	59-2	223	197	160	193	16.45	cps
Copper	63-2	713	580	780	691	14.74	cps
Dysprosium	156-1	42	92	92	75	38.49	cps
Dysprosium	156-2	30	17	30	26	30.11	cps
Erbium	164-1	150	83	158	131	31.49	cps
Erbium	164-2	23	40	23	29	33.32	cps
Gadolinium	160-1	100	192	142	144	31.78	cps
Gadolinium	160-2	87	77	93	86	9.80	cps
Holmium	165-1	5271982	5260080	5380672	5304245	1.25	cps
Holmium	165-2	2239015	2295910	2248930	2261285	1.34	cps
Indium	115-1	4710545	4904749	4700424	4771906	2.41	cps
Indium	115-2	664835	669567	652449	662283	1.33	cps
Iron	54-2	6463	6529	6090	6361	3.72	cps
Iron	56-2	108460	106323	104521	106434	1.85	cps
Iron	57-2	3262	2967	2650	2960	10.33	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-07	Instrumnet Name :	P8
Client Sample ID :	MH2510	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:15:33	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	347	374	401	374	7.18	cps
Lead	206-1	1106	1178	1089	1124	4.20	cps
Lead	207-1	956	1011	789	919	12.59	cps
Lead	208-1	4445	4867	3945	4419	10.45	cps
Lithium	6-1	3230511	3159229	3118622	3169454	1.79	cps
Magnesium	24-2	2709	2525	2359	2531	6.92	cps
Manganese	55-2	1567	1423	1477	1489	4.87	cps
Molybdenum	94-1	175	125	208	169	24.75	cps
Molybdenum	95-1	83	192	158	144	38.41	cps
Molybdenum	96-1	233	283	158	225	27.96	cps
Molybdenum	97-1	108	75	108	97	19.80	cps
Molybdenum	98-1	292	317	183	264	26.86	cps
Neodymium	150-1	67	107	127	100	30.55	cps
Neodymium	150-2	23	47	27	32	39.17	cps
Nickel	60-2	910	753	823	829	9.47	cps
Phosphorus	31-2	117	183	125	142	25.64	cps
Potassium	39-2	23077	22435	22727	22746	1.41	cps
Rhodium	103-1	4731424	4741727	4819125	4764092	1.01	cps
Rhodium	103-2	1930192	1953015	1848742	1910650	2.87	cps
Scandium	45-1	3798214	3815954	3770257	3794808	0.61	cps
Scandium	45-2	112595	109894	108053	110181	2.07	cps
Selenium	82-1	48	16	36	33	47.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	53	49	56	14.96	cps
Silicon	28-1	1126034	1109725	1100184	1111981	1.18	cps
Silver	107-1	233	225	125	194	31.01	cps
Silver	109-1	108	217	158	161	33.65	cps
Sodium	23-2	18804	18529	17728	18354	3.05	cps
Strontium	86-1	2059	2125	1967	2050	3.88	cps
Strontium	88-1	11922	11822	11238	11661	3.17	cps
Sulfur	34-1	450226	446809	442897	446644	0.82	cps
Terbium	159-1	5521445	5545724	5510982	5526050	0.32	cps
Terbium	159-2	2214845	2186353	2179344	2193514	0.86	cps
Thallium	203-1	67	42	75	61	28.38	cps
Thallium	205-1	192	250	208	217	13.87	cps
Tin	118-1	458	425	342	408	14.72	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-07	Instrumnet Name :	P8
Client Sample ID :	MH2510	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:15:33	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	675	867	783	775	12.40	cps
Uranium	238-1	250	258	292	267	8.27	cps
Vanadium	51-2	130	163	173	156	14.59	cps
Ytterbium	172-1	92	42	42	58	49.48	cps
Ytterbium	172-2	39	39	22	33	28.87	cps
Ytterbium	176-1	817	625	642	694	15.29	cps
Ytterbium	176-2	5212	5579	5529	5440	3.66	cps
Yttrium	89-1	7754324	7400467	7749242	7634677	2.66	cps
Yttrium	89-2	759372	740192	730949	743504	1.95	cps
Zinc	66-2	320	337	337	331	2.90	cps
Zirconium	90-1	383	367	417	389	6.55	cps
Zirconium	91-1	100	58	67	75	29.39	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-08	Instrumnet Name :	P8
Client Sample ID :	MH2511	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:18:44	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	214	186	215	205	7.93	cps
Antimony	121-1	17	50	42	36	48.03	cps
Arsenic	75-2	1	3	1	2	69.28	cps
Barium	135-1	233	158	183	192	19.92	cps
Barium	137-1	325	350	392	356	9.47	cps
Beryllium	9-1	65	59	82	69	17.91	cps
Bismuth	209-1	3206880	3186475	3197889	3197081	0.32	cps
Bismuth	209-2	1591979	1586811	1606676	1595156	0.65	cps
Boron	10-1	350	334	374	353	5.71	cps
Boron	11-1	1652	1824	1690	1722	5.25	cps
Bromine	81-1	35702	34217	35812	35244	2.53	cps
Cadmium	111-1	1869	1693	1809	1790	5.01	cps
Cadmium	106-1	2700	2484	2617	2600	4.20	cps
Cadmium	108-1	54	83	63	67	22.53	cps
Calcium	43-1	964	929	866	920	5.37	cps
Calcium	44-1	23171	23172	22784	23042	0.97	cps
Carbon	12-1	5685096	5958725	6228051	5957291	4.56	cps
Carbon	12-2	68594	69054	69021	68890	0.37	cps
Chlorine	35-1	146377	147859	146629	146955	0.54	cps
Chlorine	35-2	733	1033	817	861	17.98	cps
Chromium	52-2	2924	3220	3157	3100	5.04	cps
Cobalt	59-2	50	100	57	69	39.41	cps
Copper	63-2	630	577	743	650	13.09	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	97	63	90	83	21.17	cps
Holmium	165-1	5248721	5352039	5430015	5343592	1.70	cps
Holmium	165-2	2308826	2315769	2280207	2301601	0.82	cps
Indium	115-1	4635809	4705235	4756309	4699118	1.29	cps
Indium	115-2	684372	666223	671595	674063	1.38	cps
Iron	54-2	1683	1689	1611	1661	2.61	cps
Iron	56-2	22941	22869	22902	22904	0.16	cps
Iron	57-2	761	772	694	743	5.66	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-08	Instrumnet Name :	P8
Client Sample ID :	MH2511	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:18:44	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	394	371	362	376	4.29	cps
Lead	206-1	756	728	567	683	14.93	cps
Lead	207-1	622	528	522	557	10.08	cps
Lead	208-1	2861	2884	2389	2711	10.30	cps
Lithium	6-1	3159250	3149703	3158833	3155929	0.17	cps
Magnesium	24-2	1042	950	833	942	11.09	cps
Manganese	55-2	470	407	373	417	11.78	cps
Molybdenum	94-1	158	150	117	142	15.56	cps
Molybdenum	95-1	92	58	50	67	33.08	cps
Molybdenum	96-1	192	100	192	161	32.85	cps
Molybdenum	97-1	17	75	42	44	65.84	cps
Molybdenum	98-1	67	117	133	106	32.87	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1123	1273	1230	1209	6.39	cps
Phosphorus	31-2	117	100	117	111	8.66	cps
Potassium	39-2	22092	22001	22226	22106	0.51	cps
Rhodium	103-1	4761393	4759185	4753862	4758147	0.08	cps
Rhodium	103-2	1936333	1945481	1953917	1945244	0.45	cps
Scandium	45-1	3845020	3761667	3701052	3769246	1.92	cps
Scandium	45-2	110969	109867	110347	110394	0.50	cps
Selenium	82-1	-44	24	66	15	359.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	49	37	45	15.97	cps
Silicon	28-1	966407	977654	964730	969597	0.72	cps
Silver	107-1	92	125	67	94	30.98	cps
Silver	109-1	67	108	100	92	24.05	cps
Sodium	23-2	20423	19831	20156	20137	1.47	cps
Strontium	86-1	1192	1242	1125	1186	4.94	cps
Strontium	88-1	4034	3667	3409	3703	8.48	cps
Sulfur	34-1	443351	441644	445398	443464	0.42	cps
Terbium	159-1	5511871	5444437	5602062	5519457	1.43	cps
Terbium	159-2	2269253	2281284	2291435	2280657	0.49	cps
Thallium	203-1	92	92	58	81	23.89	cps
Thallium	205-1	125	167	108	133	22.53	cps
Tin	118-1	525	325	433	428	23.40	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-08	Instrumnet Name :	P8
Client Sample ID :	MH2511	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:18:44	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	458	367	397	13.33	cps
Uranium	238-1	33	8	50	31	68.64	cps
Vanadium	51-2	17	23	13	18	28.64	cps
Ytterbium	172-1	58	33	50	47	26.96	cps
Ytterbium	172-2	28	6	22	19	62.43	cps
Ytterbium	176-1	825	842	750	806	6.06	cps
Ytterbium	176-2	5307	5657	5874	5612	5.10	cps
Yttrium	89-1	7696480	7920735	7547749	7721655	2.43	cps
Yttrium	89-2	757406	760626	744626	754220	1.12	cps
Zinc	66-2	267	287	360	304	16.14	cps
Zirconium	90-1	325	308	292	308	5.41	cps
Zirconium	91-1	92	83	58	78	22.30	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-09	Instrumnet Name :	P8
Client Sample ID :	MH2512	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:21:56	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	604	597	539	580	6.18	cps
Antimony	121-1	83	83	58	75	19.25	cps
Arsenic	75-2	14	13	9	12	22.05	cps
Barium	135-1	533	575	508	539	6.25	cps
Barium	137-1	1008	783	817	870	13.97	cps
Beryllium	9-1	85	81	70	79	9.91	cps
Bismuth	209-1	3292036	3158585	3246047	3232223	2.10	cps
Bismuth	209-2	1609098	1655450	1591467	1618672	2.04	cps
Boron	10-1	486	562	514	521	7.38	cps
Boron	11-1	2286	2368	2344	2332	1.81	cps
Bromine	81-1	35130	35471	36215	35605	1.56	cps
Cadmium	111-1	1694	1859	1763	1772	4.69	cps
Cadmium	106-1	2450	2700	2542	2564	4.93	cps
Cadmium	108-1	54	50	42	49	13.09	cps
Calcium	43-1	2196	2166	2102	2155	2.22	cps
Calcium	44-1	43593	43712	42540	43281	1.49	cps
Carbon	12-1	5902208	6169061	6442918	6171396	4.38	cps
Carbon	12-2	69163	69498	67363	68675	1.67	cps
Chlorine	35-1	146486	144347	145443	145425	0.74	cps
Chlorine	35-2	925	850	800	858	7.33	cps
Chromium	52-2	1360	1450	1473	1428	4.19	cps
Cobalt	59-2	130	173	150	151	14.35	cps
Copper	63-2	1863	2084	1977	1975	5.57	cps
Dysprosium	156-1	75	50	108	78	37.63	cps
Dysprosium	156-2	40	13	13	22	69.30	cps
Erbium	164-1	83	125	50	86	43.64	cps
Erbium	164-2	33	37	37	36	5.42	cps
Gadolinium	160-1	75	108	75	86	22.35	cps
Gadolinium	160-2	73	93	57	74	24.66	cps
Holmium	165-1	5341892	5411674	5288840	5347469	1.15	cps
Holmium	165-2	2299826	2263080	2317245	2293384	1.21	cps
Indium	115-1	4720618	4686239	4714942	4707266	0.39	cps
Indium	115-2	672653	668472	675097	672074	0.50	cps
Iron	54-2	9615	9476	9131	9407	2.65	cps
Iron	56-2	166029	160534	157635	161399	2.64	cps
Iron	57-2	4629	4190	4262	4360	5.40	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-09	Instrumnet Name :	P8
Client Sample ID :	MH2512	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:21:56	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	349	402	391	381	7.44	cps
Lead	206-1	894	844	861	867	2.94	cps
Lead	207-1	917	678	739	778	15.96	cps
Lead	208-1	3628	3300	3450	3460	4.74	cps
Lithium	6-1	3194098	3116963	3148837	3153300	1.23	cps
Magnesium	24-2	1217	1283	1258	1253	2.69	cps
Manganese	55-2	2304	2257	2230	2264	1.64	cps
Molybdenum	94-1	925	717	750	797	14.04	cps
Molybdenum	95-1	392	308	292	331	16.21	cps
Molybdenum	96-1	492	433	442	456	6.93	cps
Molybdenum	97-1	142	250	183	192	28.51	cps
Molybdenum	98-1	417	500	442	453	9.44	cps
Neodymium	150-1	100	100	113	104	7.37	cps
Neodymium	150-2	17	37	20	24	43.83	cps
Nickel	60-2	943	957	887	929	4.00	cps
Phosphorus	31-2	158	83	108	117	32.73	cps
Potassium	39-2	22393	22852	21942	22396	2.03	cps
Rhodium	103-1	4781350	4750593	4726648	4752864	0.58	cps
Rhodium	103-2	1984165	1965714	1947039	1965639	0.94	cps
Scandium	45-1	3777709	3729093	3663761	3723521	1.54	cps
Scandium	45-2	109819	109679	109296	109598	0.25	cps
Selenium	82-1	46	-20	19	15	221.89	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	54	38	42	45	18.65	cps
Silicon	28-1	1037666	1019620	1020023	1025770	1.00	cps
Silver	107-1	150	150	92	131	25.80	cps
Silver	109-1	133	100	108	114	15.23	cps
Sodium	23-2	18078	19372	18971	18807	3.52	cps
Strontium	86-1	2809	2684	2400	2631	7.95	cps
Strontium	88-1	18513	17570	17520	17867	3.13	cps
Sulfur	34-1	444247	445459	443766	444491	0.20	cps
Terbium	159-1	5505760	5572868	5547048	5541892	0.61	cps
Terbium	159-2	2227785	2189006	2298320	2238370	2.48	cps
Thallium	203-1	50	42	33	42	20.00	cps
Thallium	205-1	117	200	175	164	26.09	cps
Tin	118-1	400	500	442	447	11.23	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-09	Instrumnet Name :	P8
Client Sample ID :	MH2512	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:21:56	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1492	1117	1308	1306	14.36	cps
Uranium	238-1	383	350	167	300	38.89	cps
Vanadium	51-2	27	57	33	39	40.51	cps
Ytterbium	172-1	42	75	75	64	30.12	cps
Ytterbium	172-2	39	33	11	28	52.92	cps
Ytterbium	176-1	658	817	733	736	10.76	cps
Ytterbium	176-2	5357	5707	5779	5614	4.02	cps
Yttrium	89-1	7646563	7515382	7439907	7533951	1.39	cps
Yttrium	89-2	749789	751535	743644	748322	0.55	cps
Zinc	66-2	1130	1063	1110	1101	3.11	cps
Zirconium	90-1	2000	2075	2125	2067	3.04	cps
Zirconium	91-1	392	392	333	372	9.05	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-10	Instrumnet Name :	P8
Client Sample ID :	MH2513	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:25:07	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1039	1067	1006	1037	2.95	cps
Antimony	121-1	42	67	75	61	28.38	cps
Arsenic	75-2	5	3	6	5	32.73	cps
Barium	135-1	892	967	1000	953	5.82	cps
Barium	137-1	1550	1525	1667	1581	4.78	cps
Beryllium	9-1	56	76	61	65	16.12	cps
Bismuth	209-1	3095964	3117483	3168162	3127203	1.19	cps
Bismuth	209-2	1562178	1543807	1533499	1546495	0.94	cps
Boron	10-1	286	286	284	285	0.40	cps
Boron	11-1	1286	1354	1412	1350	4.67	cps
Bromine	81-1	35090	35050	35230	35123	0.27	cps
Cadmium	111-1	1624	1824	1565	1671	8.13	cps
Cadmium	106-1	2375	2659	2275	2436	8.16	cps
Cadmium	108-1	79	71	88	79	10.53	cps
Calcium	43-1	4238	4363	4263	4288	1.54	cps
Calcium	44-1	77296	77055	76185	76845	0.76	cps
Carbon	12-1	5750780	6120703	6244230	6038571	4.25	cps
Carbon	12-2	67555	68945	66585	67695	1.75	cps
Chlorine	35-1	140755	142597	142597	141983	0.75	cps
Chlorine	35-2	858	900	942	900	4.63	cps
Chromium	52-2	3484	3514	3427	3475	1.27	cps
Cobalt	59-2	227	163	193	194	16.29	cps
Copper	63-2	1537	1377	1427	1447	5.66	cps
Dysprosium	156-1	83	42	67	64	32.83	cps
Dysprosium	156-2	33	47	20	33	40.01	cps
Erbium	164-1	92	75	100	89	14.32	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	77	67	60	68	12.38	cps
Holmium	165-1	5179644	5186879	5437757	5268093	2.79	cps
Holmium	165-2	2284351	2244956	2182447	2237252	2.30	cps
Indium	115-1	4444242	4718129	4584177	4582183	2.99	cps
Indium	115-2	657458	666529	650189	658059	1.24	cps
Iron	54-2	4451	4762	4001	4404	8.69	cps
Iron	56-2	73902	74304	71792	73333	1.84	cps
Iron	57-2	1895	2278	2184	2119	9.43	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-10	Instrumnet Name :	P8
Client Sample ID :	MH2513	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:25:07	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	385	379	387	384	1.17	cps
Lead	206-1	917	961	1056	978	7.25	cps
Lead	207-1	883	828	811	841	4.50	cps
Lead	208-1	4023	3811	3667	3834	4.67	cps
Lithium	6-1	3160617	3123307	3155066	3146330	0.64	cps
Magnesium	24-2	2192	2525	2342	2353	7.10	cps
Manganese	55-2	1050	1010	930	997	6.13	cps
Molybdenum	94-1	150	167	142	153	8.33	cps
Molybdenum	95-1	142	83	92	106	29.89	cps
Molybdenum	96-1	208	150	183	181	16.21	cps
Molybdenum	97-1	42	58	42	47	20.38	cps
Molybdenum	98-1	167	100	192	153	31.02	cps
Neodymium	150-1	53	73	80	69	20.15	cps
Neodymium	150-2	17	27	10	18	47.19	cps
Nickel	60-2	3264	3090	3110	3155	3.01	cps
Phosphorus	31-2	175	100	150	142	26.96	cps
Potassium	39-2	22410	21466	22368	22081	2.41	cps
Rhodium	103-1	4707017	4654437	4635507	4665653	0.79	cps
Rhodium	103-2	1889568	1915768	1893728	1899688	0.74	cps
Scandium	45-1	3748391	3777709	3757190	3761097	0.40	cps
Scandium	45-2	111174	108191	108352	109239	1.54	cps
Selenium	82-1	14	-5	24	11	134.73	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	40	57	42	46	20.06	cps
Silicon	28-1	1119000	1128676	1136009	1127895	0.76	cps
Silver	107-1	167	117	125	136	19.68	cps
Silver	109-1	92	108	75	92	18.18	cps
Sodium	23-2	17561	17569	17211	17447	1.17	cps
Strontium	86-1	1950	1867	1900	1906	2.20	cps
Strontium	88-1	12297	11847	10946	11697	5.88	cps
Sulfur	34-1	444943	445813	448231	446329	0.38	cps
Terbium	159-1	5559052	5611563	5733649	5634755	1.59	cps
Terbium	159-2	2189178	2149316	2185098	2174531	1.01	cps
Thallium	203-1	33	75	75	61	39.37	cps
Thallium	205-1	108	208	167	161	31.18	cps
Tin	118-1	367	500	408	425	16.05	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-10	Instrumnet Name :	P8
Client Sample ID :	MH2513	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:25:07	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1000	950	958	970	2.76	cps
Uranium	238-1	42	58	58	53	18.23	cps
Vanadium	51-2	107	63	57	76	35.93	cps
Ytterbium	172-1	58	67	25	50	44.10	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	908	742	700	783	14.07	cps
Ytterbium	176-2	5490	5418	5451	5453	0.66	cps
Yttrium	89-1	7663537	7585199	7595462	7614733	0.56	cps
Yttrium	89-2	732582	745639	727852	735358	1.25	cps
Zinc	66-2	327	313	263	301	11.09	cps
Zirconium	90-1	267	400	283	317	22.94	cps
Zirconium	91-1	17	33	75	42	72.11	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-11	Instrumnet Name :	P8
Client Sample ID :	MH2514	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:28:20	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	184	157	170	7.71	cps
Antimony	121-1	42	50	42	44	10.82	cps
Arsenic	75-2	3	1	2	2	50.00	cps
Barium	135-1	133	142	117	131	9.75	cps
Barium	137-1	233	258	392	294	28.91	cps
Beryllium	9-1	47	49	47	48	1.51	cps
Bismuth	209-1	3187960	3106186	3080250	3124799	1.80	cps
Bismuth	209-2	1628922	1416702	1618364	1554662	7.69	cps
Boron	10-1	768	714	758	747	3.85	cps
Boron	11-1	3428	3430	3546	3468	1.95	cps
Bromine	81-1	35010	34859	33243	34371	2.85	cps
Cadmium	111-1	1604	1707	1531	1614	5.49	cps
Cadmium	106-1	2342	2500	2242	2361	5.52	cps
Cadmium	108-1	63	79	67	69	12.49	cps
Calcium	43-1	1039	1045	979	1021	3.58	cps
Calcium	44-1	24050	24393	24145	24196	0.73	cps
Carbon	12-1	5415453	5519320	5637999	5524257	2.02	cps
Carbon	12-2	60818	58283	59847	59649	2.14	cps
Chlorine	35-1	138702	141286	140115	140034	0.92	cps
Chlorine	35-2	892	875	983	917	6.36	cps
Chromium	52-2	1757	1583	1667	1669	5.20	cps
Cobalt	59-2	27	47	37	37	27.27	cps
Copper	63-2	620	627	633	627	1.06	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	75	0	25	33	114.56	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	50	67	42	53	24.12	cps
Gadolinium	160-2	80	40	70	63	32.87	cps
Holmium	165-1	5246786	5329520	5426072	5334126	1.68	cps
Holmium	165-2	2248492	2032773	2297060	2192775	6.42	cps
Indium	115-1	4751336	4574132	4685342	4670270	1.92	cps
Indium	115-2	666146	600093	677162	647800	6.43	cps
Iron	54-2	1433	1367	1278	1359	5.74	cps
Iron	56-2	18507	19519	18423	18816	3.24	cps
Iron	57-2	628	639	572	613	5.83	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-11	Instrumnet Name :	P8
Client Sample ID :	MH2514	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:28:20	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	380	432	375	396	8.05	cps
Lead	206-1	611	572	439	541	16.70	cps
Lead	207-1	494	489	500	494	1.12	cps
Lead	208-1	2317	2367	2017	2233	8.48	cps
Lithium	6-1	3094323	3117433	3100906	3104221	0.38	cps
Magnesium	24-2	892	1042	925	953	8.27	cps
Manganese	55-2	193	243	243	227	12.74	cps
Molybdenum	94-1	150	150	100	133	21.65	cps
Molybdenum	95-1	75	117	83	92	24.05	cps
Molybdenum	96-1	217	200	150	189	18.37	cps
Molybdenum	97-1	42	33	33	36	13.33	cps
Molybdenum	98-1	108	117	133	119	10.66	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	477	487	400	454	10.43	cps
Phosphorus	31-2	83	133	108	108	23.08	cps
Potassium	39-2	21542	22476	21149	21722	3.14	cps
Rhodium	103-1	4773528	4666076	4637373	4692326	1.53	cps
Rhodium	103-2	1996393	1717689	1954674	1889585	7.96	cps
Scandium	45-1	3746973	3778032	3875545	3800183	1.77	cps
Scandium	45-2	110384	98300	109161	105948	6.28	cps
Selenium	82-1	21	-10	46	19	146.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	51	50	48	50	3.07	cps
Silicon	28-1	974030	990037	949958	971341	2.08	cps
Silver	107-1	133	167	133	144	13.32	cps
Silver	109-1	125	125	158	136	14.14	cps
Sodium	23-2	19463	20048	19639	19717	1.52	cps
Strontium	86-1	1108	958	942	1003	9.15	cps
Strontium	88-1	3809	3717	3776	3767	1.23	cps
Sulfur	34-1	440670	442695	442259	441875	0.24	cps
Terbium	159-1	5381263	5562442	5575516	5506407	1.97	cps
Terbium	159-2	2140356	1953509	2265103	2119656	7.40	cps
Thallium	203-1	50	58	117	75	48.43	cps
Thallium	205-1	108	167	117	131	24.16	cps
Tin	118-1	425	683	383	497	32.69	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-11	Instrumnet Name :	P8
Client Sample ID :	MH2514	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:28:20	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	342	300	311	8.61	cps
Uranium	238-1	8	0	25	11	114.58	cps
Vanadium	51-2	10	13	23	16	44.60	cps
Ytterbium	172-1	33	8	25	22	57.29	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	833	692	642	722	13.77	cps
Ytterbium	176-2	5323	4723	5490	5179	7.79	cps
Yttrium	89-1	7765344	7569279	7506451	7613691	1.77	cps
Yttrium	89-2	739384	660240	753169	717598	6.99	cps
Zinc	66-2	330	423	417	390	13.35	cps
Zirconium	90-1	283	467	383	378	24.30	cps
Zirconium	91-1	100	67	83	83	20.00	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-12	Instrumnet Name :	P8
Client Sample ID :	MH2515	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:31:31	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	587	482	576	549	10.51	cps
Antimony	121-1	58	42	33	44	28.65	cps
Arsenic	75-2	6	11	3	7	60.62	cps
Barium	135-1	533	550	517	533	3.13	cps
Barium	137-1	833	775	950	853	10.45	cps
Beryllium	9-1	55	62	39	52	23.30	cps
Bismuth	209-1	3088381	3240966	3266315	3198554	3.01	cps
Bismuth	209-2	1616301	1633176	1620161	1623213	0.54	cps
Boron	10-1	680	698	740	706	4.36	cps
Boron	11-1	3226	3264	3298	3262	1.10	cps
Bromine	81-1	33866	35732	36545	35381	3.88	cps
Cadmium	111-1	1672	1736	1461	1623	8.89	cps
Cadmium	106-1	2459	2525	2117	2367	9.26	cps
Cadmium	108-1	88	63	54	68	25.49	cps
Calcium	43-1	2092	2081	1995	2056	2.59	cps
Calcium	44-1	41597	41493	40405	41165	1.60	cps
Carbon	12-1	5354787	5463169	5594383	5470780	2.19	cps
Carbon	12-2	58651	60333	59722	59568	1.43	cps
Chlorine	35-1	140241	138499	139257	139332	0.63	cps
Chlorine	35-2	875	925	758	853	10.03	cps
Chromium	52-2	10050	10084	9660	9931	2.37	cps
Cobalt	59-2	447	437	433	439	1.58	cps
Copper	63-2	3600	3474	3270	3448	4.83	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	100	67	67	78	24.74	cps
Erbium	164-2	33	20	20	24	31.49	cps
Gadolinium	160-1	42	58	42	47	20.38	cps
Gadolinium	160-2	67	50	90	69	29.17	cps
Holmium	165-1	5518899	5373690	5404403	5432331	1.41	cps
Holmium	165-2	2343163	2275488	2319000	2312550	1.48	cps
Indium	115-1	4698711	4887740	4821438	4802630	2.00	cps
Indium	115-2	676266	679287	679378	678311	0.26	cps
Iron	54-2	4090	4156	3728	3991	5.77	cps
Iron	56-2	64263	61365	60813	62147	2.98	cps
Iron	57-2	1761	1972	1650	1795	9.12	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-12	Instrumnet Name :	P8
Client Sample ID :	MH2515	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:31:31	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	384	375	372	377	1.57	cps
Lead	206-1	1567	1545	1467	1526	3.44	cps
Lead	207-1	1322	1517	1367	1402	7.27	cps
Lead	208-1	6295	6373	6062	6243	2.59	cps
Lithium	6-1	3129932	3224897	3159845	3171558	1.53	cps
Magnesium	24-2	1783	1692	1750	1742	2.66	cps
Manganese	55-2	770	913	823	836	8.67	cps
Molybdenum	94-1	208	200	250	219	12.21	cps
Molybdenum	95-1	258	267	292	272	6.37	cps
Molybdenum	96-1	325	325	225	292	19.79	cps
Molybdenum	97-1	142	133	208	161	25.51	cps
Molybdenum	98-1	383	400	383	389	2.47	cps
Neodymium	150-1	27	53	47	42	32.86	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	3527	3500	3400	3476	1.92	cps
Phosphorus	31-2	125	125	133	128	3.77	cps
Potassium	39-2	22134	22101	22585	22273	1.21	cps
Rhodium	103-1	4705990	4707376	4720470	4711278	0.17	cps
Rhodium	103-2	2007844	2009736	1966370	1994650	1.23	cps
Scandium	45-1	3791225	3811968	3908499	3837230	1.63	cps
Scandium	45-2	110115	109639	110750	110168	0.51	cps
Selenium	82-1	20	44	11	25	67.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	51	53	50	8.39	cps
Silicon	28-1	1026227	1021895	1026479	1024867	0.25	cps
Silver	107-1	158	150	108	139	19.29	cps
Silver	109-1	67	100	100	89	21.65	cps
Sodium	23-2	21483	20540	20982	21002	2.25	cps
Strontium	86-1	1792	1300	1592	1561	15.84	cps
Strontium	88-1	7611	7727	6518	7285	9.15	cps
Sulfur	34-1	450325	449383	448538	449416	0.20	cps
Terbium	159-1	5690022	5702334	5556441	5649599	1.43	cps
Terbium	159-2	2249816	2245303	2305997	2267039	1.49	cps
Thallium	203-1	83	58	108	83	30.00	cps
Thallium	205-1	125	150	175	150	16.67	cps
Tin	118-1	367	450	458	425	11.93	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-12	Instrumnet Name :	P8
Client Sample ID :	MH2515	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:31:31	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	633	417	775	608	29.67	cps
Uranium	238-1	42	17	58	39	53.93	cps
Vanadium	51-2	93	47	47	62	43.29	cps
Ytterbium	172-1	67	33	100	67	50.00	cps
Ytterbium	172-2	6	6	33	15	108.21	cps
Ytterbium	176-1	825	808	708	781	8.08	cps
Ytterbium	176-2	5801	5457	5968	5742	4.54	cps
Yttrium	89-1	7611268	7870950	7666201	7716139	1.77	cps
Yttrium	89-2	752894	756640	760851	756795	0.53	cps
Zinc	66-2	683	677	737	699	4.71	cps
Zirconium	90-1	267	350	325	314	13.62	cps
Zirconium	91-1	50	100	17	56	75.49	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:38:56	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1667058	1650193	1593817	1637023	2.34	cps
Antimony	121-1	1953396	1946483	1972524	1957468	0.69	cps
Arsenic	75-2	57240	56117	55795	56384	1.35	cps
Barium	135-1	2385544	2300675	2326964	2337728	1.86	cps
Barium	137-1	4150585	3983977	3881570	4005377	3.39	cps
Beryllium	9-1	1001733	1001191	986591	996505	0.86	cps
Bismuth	209-1	3086250	3034829	3038542	3053207	0.94	cps
Bismuth	209-2	1495446	1475459	1490375	1487093	0.70	cps
Boron	10-1	144100	145316	146898	145438	0.96	cps
Boron	11-1	634197	656831	663361	651463	2.35	cps
Bromine	81-1	34027	32943	33515	33495	1.62	cps
Cadmium	111-1	587449	581035	578109	582198	0.82	cps
Cadmium	106-1	67885	69216	70189	69097	1.67	cps
Cadmium	108-1	45584	45680	44860	45375	0.99	cps
Calcium	43-1	3539918	3411313	3419107	3456779	2.09	cps
Calcium	44-1	56363016	54639223	53996031	54999423	2.23	cps
Carbon	12-1	5454945	5670715	5704252	5609971	2.41	cps
Carbon	12-2	64090	62801	62876	63256	1.14	cps
Chlorine	35-1	156136	156128	155512	155925	0.23	cps
Chlorine	35-2	875	908	917	900	2.45	cps
Chromium	52-2	554580	534959	528704	539414	2.50	cps
Cobalt	59-2	967987	950795	946589	955123	1.19	cps
Copper	63-2	7783717	7627824	7563604	7658382	1.48	cps
Dysprosium	156-1	408	383	283	358	18.46	cps
Dysprosium	156-2	220	163	190	191	14.83	cps
Erbium	164-1	58	50	50	53	9.11	cps
Erbium	164-2	40	17	30	29	40.51	cps
Gadolinium	160-1	433	467	492	464	6.31	cps
Gadolinium	160-2	203	213	210	209	2.44	cps
Holmium	165-1	5326951	5544909	5406827	5426229	2.03	cps
Holmium	165-2	2303373	2292234	2310127	2301911	0.39	cps
Indium	115-1	4645714	4550224	4502663	4566200	1.60	cps
Indium	115-2	638048	639311	636496	637952	0.22	cps
Iron	54-2	5540028	5426278	5399930	5455412	1.36	cps
Iron	56-2	98386397	98148363	95585480	97373413	1.59	cps
Iron	57-2	2547816	2556106	2517126	2540349	0.81	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:38:56	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	352	390	375	372	5.07	cps
Lead	206-1	7459231	7337359	7292311	7362967	1.17	cps
Lead	207-1	6496066	6453783	6470091	6473313	0.33	cps
Lead	208-1	29770002	29498425	28689071	29319166	1.92	cps
Lithium	6-1	2978011	2951666	3006744	2978807	0.92	cps
Magnesium	24-2	23239160	22659427	21788352	22562313	3.24	cps
Manganese	55-2	2919137	2873700	2792683	2861840	2.24	cps
Molybdenum	94-1	7879562	7699358	7865942	7814954	1.28	cps
Molybdenum	95-1	11386991	11282981	11426510	11365494	0.65	cps
Molybdenum	96-1	12367545	12123067	12574212	12354942	1.83	cps
Molybdenum	97-1	7174464	6818304	6995919	6996229	2.55	cps
Molybdenum	98-1	18566194	17849131	17514096	17976474	2.99	cps
Neodymium	150-1	233	280	253	256	9.16	cps
Neodymium	150-2	20	20	20	20	0.00	cps
Nickel	60-2	275089	268947	263884	269307	2.08	cps
Phosphorus	31-2	24204	23503	23336	23681	1.95	cps
Potassium	39-2	7535733	7378715	7195288	7369912	2.31	cps
Rhodium	103-1	4389896	4352892	4508286	4417025	1.84	cps
Rhodium	103-2	1786371	1802382	1814924	1801226	0.79	cps
Scandium	45-1	3676856	3757710	3742426	3725664	1.15	cps
Scandium	45-2	107567	107452	107308	107442	0.12	cps
Selenium	82-1	52135	52012	50982	51709	1.22	cps
Selenium	77-2	1330	1387	1287	1335	3.76	cps
Selenium	78-2	4662	4599	4620	4627	0.69	cps
Silicon	28-1	3024013	3091738	3036235	3050662	1.18	cps
Silver	107-1	2846952	2883656	2893448	2874685	0.85	cps
Silver	109-1	2759563	2728969	2743854	2744129	0.56	cps
Sodium	23-2	41422027	40565849	39873254	40620377	1.91	cps
Strontium	86-1	18013438	17826275	17738198	17859304	0.79	cps
Strontium	88-1	156190495	156332537	153932895	155485309	0.87	cps
Sulfur	34-1	791850	798633	784701	791728	0.88	cps
Terbium	159-1	5768300	5647448	5641518	5685755	1.26	cps
Terbium	159-2	2262001	2245967	2286965	2264977	0.91	cps
Thallium	203-1	1748736	1741202	1691298	1727078	1.81	cps
Thallium	205-1	4145939	4184353	4088213	4139502	1.17	cps
Tin	118-1	1764717	1692676	1677209	1711534	2.73	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:38:56	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3635876	3619406	3679280	3644854	0.85	cps
Uranium	238-1	5739183	5625650	5453339	5606057	2.57	cps
Vanadium	51-2	454124	443026	429868	442339	2.75	cps
Ytterbium	172-1	175	142	158	158	10.53	cps
Ytterbium	172-2	89	111	78	93	18.33	cps
Ytterbium	176-1	8378	8786	8853	8673	2.97	cps
Ytterbium	176-2	8242	8470	8392	8368	1.38	cps
Yttrium	89-1	7644425	7487389	7754094	7628636	1.76	cps
Yttrium	89-2	735531	721001	736029	730854	1.17	cps
Zinc	66-2	892859	870295	863487	875547	1.76	cps
Zirconium	90-1	4070013	3924435	4039320	4011256	1.91	cps
Zirconium	91-1	894848	887324	892181	891451	0.43	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:45:28	DataFile Name :	050LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1205	1320	1229	1251	4.85	cps
Antimony	121-1	9070	8912	8761	8914	1.73	cps
Arsenic	75-2	122	117	143	127	10.84	cps
Barium	135-1	9837	9303	9378	9506	3.04	cps
Barium	137-1	16677	16694	15418	16263	4.50	cps
Beryllium	9-1	2807	2775	2736	2773	1.29	cps
Bismuth	209-1	3214346	3185889	3182742	3194326	0.55	cps
Bismuth	209-2	1672082	1672339	1560533	1634984	3.94	cps
Boron	10-1	10290	10692	10384	10455	2.01	cps
Boron	11-1	47222	48016	46777	47338	1.33	cps
Bromine	81-1	35713	34167	32632	34170	4.51	cps
Cadmium	111-1	2955	3002	2842	2933	2.80	cps
Cadmium	106-1	2284	2409	2175	2289	5.10	cps
Cadmium	108-1	146	179	163	163	10.26	cps
Calcium	43-1	9073	9146	8977	9065	0.93	cps
Calcium	44-1	156855	155417	152765	155012	1.34	cps
Carbon	12-1	4224660	4221292	4200354	4215435	0.31	cps
Carbon	12-2	44000	43883	43047	43643	1.19	cps
Chlorine	35-1	129324	129359	130484	129722	0.51	cps
Chlorine	35-2	908	700	600	736	21.37	cps
Chromium	52-2	2400	2580	2464	2481	3.68	cps
Cobalt	59-2	2033	1903	1883	1940	4.20	cps
Copper	63-2	3774	3847	3674	3765	2.31	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	83	33	53	50.76	cps
Erbium	164-2	23	13	13	17	34.65	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	60	80	77	72	14.84	cps
Holmium	165-1	5269106	5339631	5409685	5339474	1.32	cps
Holmium	165-2	2333278	2336492	2267981	2312584	1.67	cps
Indium	115-1	4680308	4670351	4727160	4692606	0.65	cps
Indium	115-2	665454	678693	655317	666488	1.76	cps
Iron	54-2	3234	3150	2778	3054	7.94	cps
Iron	56-2	50077	49960	47702	49246	2.72	cps
Iron	57-2	1422	1517	1517	1485	3.67	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:45:28	DataFile Name :	050LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	402	349	321	357	11.56	cps
Lead	206-1	6418	6652	6379	6483	2.27	cps
Lead	207-1	5379	5468	5407	5418	0.84	cps
Lead	208-1	25321	25699	25477	25499	0.75	cps
Lithium	6-1	3049240	3051806	2983812	3028286	1.27	cps
Magnesium	24-2	50237	49569	48933	49580	1.32	cps
Manganese	55-2	713	707	637	686	6.19	cps
Molybdenum	94-1	12673	13165	12481	12773	2.76	cps
Molybdenum	95-1	16377	16577	17211	16722	2.61	cps
Molybdenum	96-1	18521	18037	18054	18204	1.51	cps
Molybdenum	97-1	9795	10346	10696	10279	4.42	cps
Molybdenum	98-1	26944	25858	26476	26426	2.06	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	463	607	477	516	15.36	cps
Phosphorus	31-2	150	167	125	147	14.25	cps
Potassium	39-2	52680	52036	50681	51799	1.97	cps
Rhodium	103-1	4720555	4665100	4741094	4708916	0.83	cps
Rhodium	103-2	1907203	1963780	1892487	1921157	1.96	cps
Scandium	45-1	3727170	3729009	3597644	3684607	2.04	cps
Scandium	45-2	110135	109809	107892	109279	1.11	cps
Selenium	82-1	510	589	631	577	10.67	cps
Selenium	77-2	7	20	23	17	52.90	cps
Selenium	78-2	106	79	71	85	21.49	cps
Silicon	28-1	910067	922956	919922	917648	0.73	cps
Silver	107-1	6277	6227	5843	6115	3.88	cps
Silver	109-1	5851	6277	5768	5965	4.57	cps
Sodium	23-2	107816	107178	104222	106405	1.80	cps
Strontium	86-1	10196	10062	11397	10552	6.97	cps
Strontium	88-1	83507	85625	88230	85787	2.76	cps
Sulfur	34-1	410803	408591	406420	408605	0.54	cps
Terbium	159-1	5671727	5801863	5572143	5681911	2.03	cps
Terbium	159-2	2317932	2317002	2265707	2300214	1.30	cps
Thallium	203-1	4259	4451	4042	4251	4.81	cps
Thallium	205-1	10788	9929	10079	10265	4.47	cps
Tin	118-1	16502	16844	16786	16711	1.10	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:45:28	DataFile Name :	050LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5243	5543	5535	5440	3.14	cps
Uranium	238-1	12824	12557	11539	12306	5.51	cps
Vanadium	51-2	4134	4074	4014	4074	1.47	cps
Ytterbium	172-1	50	42	42	44	10.82	cps
Ytterbium	172-2	22	22	11	19	34.64	cps
Ytterbium	176-1	608	717	650	658	8.30	cps
Ytterbium	176-2	5418	5435	5629	5494	2.14	cps
Yttrium	89-1	7620955	7527059	7517471	7555162	0.76	cps
Yttrium	89-2	745761	752464	723402	740542	2.05	cps
Zinc	66-2	623	703	607	644	8.02	cps
Zirconium	90-1	9178	9295	8936	9137	2.00	cps
Zirconium	91-1	2050	2250	1884	2061	8.91	cps

LB Number : LB123997 Operator : Jaswal
 Lab Sample ID : CCB82 Instrumnet Name : P8
 Client Sample ID : CCB82 Dilution Factor : 1
 Date & Time Acquired : 2023-02-07 10:48:48 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177	144	144	155	12.57	cps
Antimony	121-1	292	267	258	272	6.37	cps
Arsenic	75-2	4	4	7	5	34.64	cps
Barium	135-1	75	158	158	131	36.85	cps
Barium	137-1	283	183	233	233	21.43	cps
Beryllium	9-1	147	137	147	144	4.01	cps
Bismuth	209-1	3346487	3186182	3325359	3286009	2.65	cps
Bismuth	209-2	1579117	1574018	1557727	1570287	0.71	cps
Boron	10-1	3268	3256	3134	3219	2.30	cps
Boron	11-1	15075	14322	13924	14440	4.05	cps
Bromine	81-1	34879	35000	34769	34883	0.33	cps
Cadmium	111-1	1995	1644	1783	1807	9.77	cps
Cadmium	106-1	2784	2292	2567	2548	9.67	cps
Cadmium	108-1	29	50	50	43	27.93	cps
Calcium	43-1	306	311	310	309	0.84	cps
Calcium	44-1	12383	12101	12119	12201	1.29	cps
Carbon	12-1	4282462	4214134	4281803	4259466	0.92	cps
Carbon	12-2	45563	45337	45722	45541	0.42	cps
Chlorine	35-1	135068	133444	132309	133607	1.04	cps
Chlorine	35-2	883	783	783	817	7.07	cps
Chromium	52-2	377	450	377	401	10.55	cps
Cobalt	59-2	90	97	73	87	13.87	cps
Copper	63-2	833	817	907	852	5.62	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	27	13	7	16	65.47	cps
Gadolinium	160-1	42	58	17	39	53.92	cps
Gadolinium	160-2	60	83	73	72	16.21	cps
Holmium	165-1	5261003	5434628	5349760	5348463	1.62	cps
Holmium	165-2	2233698	2249750	2306530	2263326	1.69	cps
Indium	115-1	4655233	4604191	4812215	4690546	2.31	cps
Indium	115-2	664730	643872	643941	650848	1.85	cps
Iron	54-2	750	656	700	702	6.73	cps
Iron	56-2	6941	6702	7046	6896	2.56	cps
Iron	57-2	317	406	317	346	14.82	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:48:48	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	389	372	385	382	2.23	cps
Lead	206-1	811	822	778	804	2.88	cps
Lead	207-1	778	689	817	761	8.61	cps
Lead	208-1	3445	3217	3284	3315	3.53	cps
Lithium	6-1	3034362	2995424	3083315	3037700	1.45	cps
Magnesium	24-2	1250	1225	1492	1322	11.14	cps
Manganese	55-2	177	177	187	180	3.21	cps
Molybdenum	94-1	567	567	475	536	9.87	cps
Molybdenum	95-1	650	608	483	581	14.94	cps
Molybdenum	96-1	808	650	717	725	10.97	cps
Molybdenum	97-1	425	358	333	372	12.73	cps
Molybdenum	98-1	858	1108	808	925	17.38	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	23	27	24	7.89	cps
Phosphorus	31-2	158	158	108	142	20.38	cps
Potassium	39-2	21366	20690	20782	20946	1.75	cps
Rhodium	103-1	4679957	4544400	4713777	4646045	1.93	cps
Rhodium	103-2	1919155	1874568	1851860	1881861	1.82	cps
Scandium	45-1	3610878	3568480	3671789	3617049	1.44	cps
Scandium	45-2	104960	104595	105152	104902	0.27	cps
Selenium	82-1	-28	15	-21	-11	-203.97	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	50	54	46	50	8.01	cps
Silicon	28-1	886352	897187	904996	896178	1.04	cps
Silver	107-1	517	533	375	475	18.32	cps
Silver	109-1	500	383	400	428	14.75	cps
Sodium	23-2	18863	19080	19372	19105	1.34	cps
Strontium	86-1	1283	1383	1533	1400	8.99	cps
Strontium	88-1	7469	7461	6327	7085	9.27	cps
Sulfur	34-1	413057	408571	412078	411235	0.57	cps
Terbium	159-1	5583077	5352740	5634555	5523458	2.72	cps
Terbium	159-2	2258296	2216795	2155714	2210268	2.33	cps
Thallium	203-1	283	258	283	275	5.25	cps
Thallium	205-1	750	717	583	683	12.91	cps
Tin	118-1	467	492	417	458	8.33	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:48:48	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	358	350	364	4.77	cps
Uranium	238-1	292	250	292	278	8.66	cps
Vanadium	51-2	3	37	13	18	96.24	cps
Ytterbium	172-1	33	25	67	42	52.92	cps
Ytterbium	172-2	6	33	6	15	108.21	cps
Ytterbium	176-1	683	950	692	775	19.56	cps
Ytterbium	176-2	5607	5435	5540	5527	1.57	cps
Yttrium	89-1	7579114	7347557	7509872	7478847	1.59	cps
Yttrium	89-2	731819	730260	724899	728993	0.50	cps
Zinc	66-2	183	200	217	200	8.33	cps
Zirconium	90-1	533	600	450	528	14.24	cps
Zirconium	91-1	108	75	100	94	18.37	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-13	Instrumnet Name :	P8
Client Sample ID :	MH2516	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:51:59	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	897	990	904	930	5.56	cps
Antimony	121-1	183	200	267	217	20.35	cps
Arsenic	75-2	12	8	12	11	21.65	cps
Barium	135-1	800	708	725	744	6.56	cps
Barium	137-1	1333	1508	1150	1331	13.47	cps
Beryllium	9-1	129	129	125	127	1.70	cps
Bismuth	209-1	3252262	3196912	3284570	3244581	1.37	cps
Bismuth	209-2	1585754	1581596	1572208	1579853	0.44	cps
Boron	10-1	2540	2582	2366	2496	4.59	cps
Boron	11-1	10982	11334	10798	11038	2.47	cps
Bromine	81-1	36275	33374	33043	34231	5.19	cps
Cadmium	111-1	1753	1734	1668	1718	2.60	cps
Cadmium	106-1	2500	2475	2309	2428	4.29	cps
Cadmium	108-1	50	58	33	47	26.96	cps
Calcium	43-1	2321	2259	2307	2296	1.43	cps
Calcium	44-1	46041	44964	44322	45109	1.93	cps
Carbon	12-1	5551515	5959604	6098675	5869931	4.84	cps
Carbon	12-2	67731	68494	68644	68290	0.72	cps
Chlorine	35-1	125702	125634	125079	125471	0.27	cps
Chlorine	35-2	775	792	767	778	1.64	cps
Chromium	52-2	830	700	717	749	9.45	cps
Cobalt	59-2	87	93	87	89	4.33	cps
Copper	63-2	1167	1100	1187	1151	3.94	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	50	83	92	75	29.40	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	58	50	83	64	27.16	cps
Gadolinium	160-2	63	87	117	89	30.08	cps
Holmium	165-1	5122776	5306168	5322212	5250385	2.11	cps
Holmium	165-2	2228062	2273578	2250432	2250691	1.01	cps
Indium	115-1	4552193	4731716	4682654	4655521	1.99	cps
Indium	115-2	650099	660853	650610	653854	0.93	cps
Iron	54-2	3789	3789	3984	3854	2.91	cps
Iron	56-2	61147	61996	59379	60841	2.19	cps
Iron	57-2	1500	1756	1750	1669	8.75	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-13	Instrumnet Name :	P8
Client Sample ID :	MH2516	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:51:59	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	384	372	405	387	4.26	cps
Lead	206-1	2072	2039	2017	2043	1.37	cps
Lead	207-1	1661	1717	1856	1745	5.74	cps
Lead	208-1	8218	7962	8162	8114	1.66	cps
Lithium	6-1	3012994	3022833	3040267	3025365	0.46	cps
Magnesium	24-2	2709	2559	2909	2725	6.44	cps
Manganese	55-2	880	877	903	887	1.64	cps
Molybdenum	94-1	442	475	425	447	5.69	cps
Molybdenum	95-1	633	492	600	575	12.88	cps
Molybdenum	96-1	617	692	650	653	5.76	cps
Molybdenum	97-1	350	300	383	344	12.18	cps
Molybdenum	98-1	1000	842	908	917	8.67	cps
Neodymium	150-1	60	33	33	42	36.47	cps
Neodymium	150-2	27	17	10	18	47.19	cps
Nickel	60-2	603	513	393	503	20.93	cps
Phosphorus	31-2	83	150	125	119	28.20	cps
Potassium	39-2	21491	22460	22234	22062	2.30	cps
Rhodium	103-1	4523775	4653016	4689815	4622202	1.89	cps
Rhodium	103-2	1935774	1926051	1851402	1904409	2.42	cps
Scandium	45-1	3731942	3788684	3645067	3721898	1.94	cps
Scandium	45-2	107459	109390	108566	108472	0.89	cps
Selenium	82-1	9	30	8	15	82.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	55	48	48	50	8.03	cps
Silicon	28-1	1085063	1111640	1095625	1097443	1.22	cps
Silver	107-1	458	475	350	428	15.87	cps
Silver	109-1	333	292	375	333	12.50	cps
Sodium	23-2	24154	23820	22852	23609	2.86	cps
Strontium	86-1	2167	1834	2359	2120	12.54	cps
Strontium	88-1	12681	12481	14026	13063	6.43	cps
Sulfur	34-1	414543	415406	413290	414413	0.26	cps
Terbium	159-1	5359431	5404908	5669913	5478084	3.06	cps
Terbium	159-2	2258278	2258610	2239751	2252213	0.48	cps
Thallium	203-1	275	225	208	236	14.69	cps
Thallium	205-1	542	433	517	497	11.41	cps
Tin	118-1	533	433	492	486	10.33	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-13	Instrumnet Name :	P8
Client Sample ID :	MH2516	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:51:59	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1175	1158	1225	1186	2.93	cps
Uranium	238-1	175	242	250	222	18.50	cps
Vanadium	51-2	90	67	67	74	18.09	cps
Ytterbium	172-1	50	117	50	72	53.30	cps
Ytterbium	172-2	17	17	22	19	17.30	cps
Ytterbium	176-1	742	600	700	681	10.70	cps
Ytterbium	176-2	5557	5496	5885	5646	3.71	cps
Yttrium	89-1	7301192	7567584	7383427	7417401	1.84	cps
Yttrium	89-2	734685	729150	718898	727578	1.10	cps
Zinc	66-2	1037	1020	993	1017	2.15	cps
Zirconium	90-1	425	500	533	486	11.41	cps
Zirconium	91-1	100	75	92	89	14.32	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-14	Instrumnet Name :	P8
Client Sample ID :	MH2517	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:55:11	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	307	319	315	1.96	cps
Antimony	121-1	125	175	275	192	39.85	cps
Arsenic	75-2	8	11	3	7	55.11	cps
Barium	135-1	292	442	333	356	21.78	cps
Barium	137-1	600	558	550	569	4.70	cps
Beryllium	9-1	110	116	126	117	6.98	cps
Bismuth	209-1	3322662	3353836	3227323	3301274	2.00	cps
Bismuth	209-2	1594174	1597286	1560441	1583967	1.29	cps
Boron	10-1	1962	1824	1898	1894	3.65	cps
Boron	11-1	8583	8537	8637	8585	0.58	cps
Bromine	81-1	34769	35592	35773	35378	1.51	cps
Cadmium	111-1	1925	1652	1729	1769	7.95	cps
Cadmium	106-1	2742	2400	2484	2542	7.01	cps
Cadmium	108-1	46	88	92	75	33.80	cps
Calcium	43-1	1669	1784	1650	1701	4.26	cps
Calcium	44-1	34660	35603	34592	34952	1.62	cps
Carbon	12-1	4975876	5202896	5241827	5140200	2.79	cps
Carbon	12-2	56108	56124	53941	55391	2.27	cps
Chlorine	35-1	128374	129258	130299	129311	0.75	cps
Chlorine	35-2	808	658	775	747	10.54	cps
Chromium	52-2	3397	3257	3127	3260	4.14	cps
Cobalt	59-2	223	207	207	212	4.53	cps
Copper	63-2	1897	1887	1773	1852	3.70	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	23	10	7	13	66.12	cps
Erbium	164-1	8	83	33	42	91.66	cps
Erbium	164-2	17	0	23	13	90.13	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Gadolinium	160-2	77	90	100	89	13.17	cps
Holmium	165-1	5365460	5432367	5413139	5403655	0.64	cps
Holmium	165-2	2288614	2269157	2271749	2276507	0.46	cps
Indium	115-1	4733158	4664495	4949594	4782416	3.11	cps
Indium	115-2	675582	656581	659210	663791	1.55	cps
Iron	54-2	2256	2567	2084	2302	10.64	cps
Iron	56-2	32465	32482	32198	32382	0.49	cps
Iron	57-2	995	978	922	965	3.92	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-14	Instrumnet Name :	P8
Client Sample ID :	MH2517	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:55:11	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	376	374	374	375	0.39	cps
Lead	206-1	1483	1311	1189	1328	11.14	cps
Lead	207-1	1089	1267	1111	1156	8.38	cps
Lead	208-1	5201	5595	4989	5262	5.84	cps
Lithium	6-1	3085152	3186774	3042155	3104694	2.39	cps
Magnesium	24-2	1517	1692	1683	1631	6.06	cps
Manganese	55-2	610	520	670	600	12.58	cps
Molybdenum	94-1	375	475	508	453	15.32	cps
Molybdenum	95-1	458	567	633	553	15.98	cps
Molybdenum	96-1	658	700	708	689	3.89	cps
Molybdenum	97-1	292	283	375	317	16.01	cps
Molybdenum	98-1	725	875	908	836	11.68	cps
Neodymium	150-1	33	40	13	29	48.05	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	32253	31161	31228	31547	1.94	cps
Phosphorus	31-2	200	125	125	150	28.87	cps
Potassium	39-2	22343	21383	21041	21589	3.13	cps
Rhodium	103-1	4663457	4766733	4703799	4711330	1.10	cps
Rhodium	103-2	1953348	1932714	1881351	1922471	1.93	cps
Scandium	45-1	3739437	3745331	3760124	3748297	0.28	cps
Scandium	45-2	108416	108569	108164	108383	0.19	cps
Selenium	82-1	8	35	-3	13	145.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	40	41	44	42	5.00	cps
Silicon	28-1	932941	948447	944255	941881	0.85	cps
Silver	107-1	200	117	342	219	51.84	cps
Silver	109-1	142	108	217	156	35.67	cps
Sodium	23-2	22284	22101	22743	22376	1.48	cps
Strontium	86-1	1750	1692	2059	1834	10.75	cps
Strontium	88-1	9162	10529	12365	10685	15.04	cps
Sulfur	34-1	419677	414464	419741	417961	0.72	cps
Terbium	159-1	5621282	5770766	5737965	5710005	1.38	cps
Terbium	159-2	2222045	2175720	2241124	2212963	1.52	cps
Thallium	203-1	225	158	183	189	17.83	cps
Thallium	205-1	475	533	458	489	8.06	cps
Tin	118-1	417	425	383	408	5.40	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-14	Instrumnet Name :	P8
Client Sample ID :	MH2517	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:55:11	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	492	542	500	7.64	cps
Uranium	238-1	167	158	208	178	15.07	cps
Vanadium	51-2	37	27	20	28	30.20	cps
Ytterbium	172-1	83	42	8	44	84.56	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	858	942	842	881	6.08	cps
Ytterbium	176-2	5601	5551	5390	5514	2.00	cps
Yttrium	89-1	7732943	7524411	7539394	7598916	1.53	cps
Yttrium	89-2	727446	729354	727172	727991	0.16	cps
Zinc	66-2	523	663	563	583	12.36	cps
Zirconium	90-1	383	433	533	450	16.97	cps
Zirconium	91-1	50	33	117	67	66.15	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-15	Instrumnet Name :	P8
Client Sample ID :	MH2518	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:58:22	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304	311	286	300	4.27	cps
Antimony	121-1	92	83	117	97	17.84	cps
Arsenic	75-2	1	4	4	3	57.74	cps
Barium	135-1	333	292	400	342	15.99	cps
Barium	137-1	600	558	642	600	6.94	cps
Beryllium	9-1	77	106	89	91	15.95	cps
Bismuth	209-1	3252165	3274641	3257031	3261279	0.36	cps
Bismuth	209-2	1592005	1588626	1593714	1591448	0.16	cps
Boron	10-1	1388	1480	1516	1461	4.52	cps
Boron	11-1	6974	6772	7000	6916	1.81	cps
Bromine	81-1	35742	35241	36696	35893	2.06	cps
Cadmium	111-1	1529	1745	1890	1721	10.57	cps
Cadmium	106-1	2209	2500	2717	2475	10.31	cps
Cadmium	108-1	67	79	58	68	15.41	cps
Calcium	43-1	1306	1361	1199	1289	6.41	cps
Calcium	44-1	28272	27537	27183	27664	2.01	cps
Carbon	12-1	5455807	5886411	5974286	5772168	4.81	cps
Carbon	12-2	63638	63052	63638	63443	0.53	cps
Chlorine	35-1	130065	129055	128399	129173	0.65	cps
Chlorine	35-2	725	925	758	803	13.35	cps
Chromium	52-2	1497	1343	1410	1417	5.43	cps
Cobalt	59-2	67	73	70	70	4.76	cps
Copper	63-2	1047	987	860	964	9.88	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	100	58	67	75	29.39	cps
Erbium	164-2	27	23	20	23	14.29	cps
Gadolinium	160-1	17	58	33	36	58.08	cps
Gadolinium	160-2	57	90	97	81	26.42	cps
Holmium	165-1	5258199	5452842	5221517	5310853	2.34	cps
Holmium	165-2	2313015	2212917	2285422	2270451	2.28	cps
Indium	115-1	4576196	4684130	4820358	4693561	2.61	cps
Indium	115-2	660845	659344	666279	662156	0.55	cps
Iron	54-2	2284	2356	2134	2258	5.02	cps
Iron	56-2	33918	33774	32315	33335	2.66	cps
Iron	57-2	1150	1067	1028	1082	5.77	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-15	Instrumnet Name :	P8
Client Sample ID :	MH2518	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:58:22	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	407	359	384	383	6.36	cps
Lead	206-1	961	778	789	843	12.20	cps
Lead	207-1	856	789	828	824	4.06	cps
Lead	208-1	3689	3578	3417	3561	3.84	cps
Lithium	6-1	2958490	3032880	3021174	3004181	1.33	cps
Magnesium	24-2	1575	1342	1375	1431	8.82	cps
Manganese	55-2	437	500	420	452	9.33	cps
Molybdenum	94-1	225	308	383	306	25.92	cps
Molybdenum	95-1	300	258	275	278	7.55	cps
Molybdenum	96-1	508	375	400	428	16.57	cps
Molybdenum	97-1	125	217	117	153	36.32	cps
Molybdenum	98-1	467	533	425	475	11.50	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1267	1410	1197	1291	8.42	cps
Phosphorus	31-2	117	117	167	133	21.65	cps
Potassium	39-2	21091	21767	21258	21372	1.65	cps
Rhodium	103-1	4708078	4663337	4764611	4712009	1.08	cps
Rhodium	103-2	1904449	1901249	1928040	1911246	0.77	cps
Scandium	45-1	3672126	3791982	3887110	3783739	2.85	cps
Scandium	45-2	108305	108400	108121	108275	0.13	cps
Selenium	82-1	0	10	13	8	88.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	33	43	36	15.89	cps
Silicon	28-1	944791	974099	956305	958398	1.54	cps
Silver	107-1	200	267	142	203	30.85	cps
Silver	109-1	108	208	233	183	36.08	cps
Sodium	23-2	21884	20356	21358	21199	3.66	cps
Strontium	86-1	1358	1417	1192	1322	8.83	cps
Strontium	88-1	6735	6960	6177	6624	6.09	cps
Sulfur	34-1	417977	423316	420666	420653	0.63	cps
Terbium	159-1	5421481	5720848	5896787	5679705	4.23	cps
Terbium	159-2	2261565	2255303	2298753	2271874	1.03	cps
Thallium	203-1	117	100	158	125	24.04	cps
Thallium	205-1	333	358	383	358	6.98	cps
Tin	118-1	400	542	450	464	15.49	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1430-15	Instrumnet Name :	P8
Client Sample ID :	MH2518	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 10:58:22	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	550	400	408	453	18.62	cps
Uranium	238-1	142	83	75	100	36.32	cps
Vanadium	51-2	30	30	30	30	0.00	cps
Ytterbium	172-1	50	33	42	42	20.00	cps
Ytterbium	172-2	6	11	11	9	34.60	cps
Ytterbium	176-1	742	717	758	739	2.84	cps
Ytterbium	176-2	5207	5457	5579	5414	3.51	cps
Yttrium	89-1	7460811	7683010	7489182	7544334	1.60	cps
Yttrium	89-2	737245	743486	748583	743105	0.76	cps
Zinc	66-2	337	337	380	351	7.13	cps
Zirconium	90-1	375	275	408	353	19.67	cps
Zirconium	91-1	58	150	58	89	59.54	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1325-02DLX2	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	2
Date & Time Acquired :	2023-02-07 11:01:35	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	197279	191736	190314	193110	1.91	cps
Antimony	121-1	183	150	258	197	28.13	cps
Arsenic	75-2	82	84	76	81	5.16	cps
Barium	135-1	19122	18622	18154	18633	2.60	cps
Barium	137-1	32916	33734	31596	32749	3.29	cps
Beryllium	9-1	390	306	346	347	12.05	cps
Bismuth	209-1	3251500	3406977	3256816	3305098	2.67	cps
Bismuth	209-2	1623417	1593436	1603473	1606775	0.95	cps
Boron	10-1	86732	88136	89949	88273	1.83	cps
Boron	11-1	397842	414132	409848	407274	2.07	cps
Bromine	81-1	36756	36214	35351	36107	1.96	cps
Cadmium	111-1	1992	1867	1820	1893	4.71	cps
Cadmium	106-1	2734	2634	2484	2617	4.81	cps
Cadmium	108-1	96	79	63	79	21.05	cps
Calcium	43-1	609441	602133	590814	600796	1.56	cps
Calcium	44-1	9753315	9656009	9366024	9591783	2.10	cps
Carbon	12-1	5793559	5836833	5874918	5835103	0.70	cps
Carbon	12-2	59705	58944	59027	59225	0.70	cps
Chlorine	35-1	126087	127962	127424	127158	0.76	cps
Chlorine	35-2	792	875	767	811	6.99	cps
Chromium	52-2	2577	2697	2344	2539	7.08	cps
Cobalt	59-2	26231	25723	25052	25669	2.30	cps
Copper	63-2	36724	36346	36136	36402	0.82	cps
Dysprosium	156-1	12089	11472	11230	11597	3.82	cps
Dysprosium	156-2	4394	4247	4291	4311	1.75	cps
Erbium	164-1	13941	14366	13357	13888	3.65	cps
Erbium	164-2	4998	5251	4801	5017	4.50	cps
Gadolinium	160-1	12481	11505	11138	11708	5.93	cps
Gadolinium	160-2	5178	5001	4628	4935	5.69	cps
Holmium	165-1	5723345	5654196	5543824	5640455	1.61	cps
Holmium	165-2	2372475	2327256	2381697	2360476	1.23	cps
Indium	115-1	4807651	4898925	4866836	4857804	0.95	cps
Indium	115-2	679633	664447	676964	673682	1.20	cps
Iron	54-2	1456298	1348782	1359033	1388038	4.27	cps
Iron	56-2	25166748	24789042	24341701	24765830	1.67	cps
Iron	57-2	629620	613508	602786	615305	2.20	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1325-02DLX2	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	2
Date & Time Acquired :	2023-02-07 11:01:35	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	440	386	406	411	6.61	cps
Lead	206-1	1283	1245	1156	1228	5.33	cps
Lead	207-1	1150	1045	1006	1067	7.01	cps
Lead	208-1	5484	4900	4550	4978	9.47	cps
Lithium	6-1	3030856	3120730	3031649	3061078	1.69	cps
Magnesium	24-2	612310	583728	593574	596537	2.43	cps
Manganese	55-2	423174	416090	408075	415780	1.82	cps
Molybdenum	94-1	992	533	508	678	40.15	cps
Molybdenum	95-1	633	375	317	442	38.16	cps
Molybdenum	96-1	1817	1408	1275	1500	18.82	cps
Molybdenum	97-1	333	183	208	242	33.25	cps
Molybdenum	98-1	733	592	358	561	33.75	cps
Neodymium	150-1	11118	11725	11038	11294	3.33	cps
Neodymium	150-2	3224	3140	3167	3177	1.34	cps
Nickel	60-2	3787	3597	3620	3668	2.83	cps
Phosphorus	31-2	542	475	475	497	7.74	cps
Potassium	39-2	46359	45071	45063	45497	1.64	cps
Rhodium	103-1	4869924	4746485	4849420	4821943	1.37	cps
Rhodium	103-2	1988925	1948632	1954082	1963880	1.11	cps
Scandium	45-1	3862647	3875194	3819266	3852369	0.76	cps
Scandium	45-2	110516	109840	109300	109885	0.55	cps
Selenium	82-1	-14	59	72	39	118.32	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	68	52	48	56	18.89	cps
Silicon	28-1	24506010	24476002	23562003	24181339	2.22	cps
Silver	107-1	225	225	133	194	27.22	cps
Silver	109-1	200	117	83	133	45.07	cps
Sodium	23-2	1560256	1515620	1560458	1545445	1.67	cps
Strontium	86-1	131148	135118	128766	131678	2.44	cps
Strontium	88-1	1146468	1161071	1111975	1139838	2.21	cps
Sulfur	34-1	2130508	2148313	2055907	2111576	2.32	cps
Terbium	159-1	5833722	5827303	5836714	5832580	0.08	cps
Terbium	159-2	2337102	2349509	2285176	2323929	1.47	cps
Thallium	203-1	125	167	150	147	14.25	cps
Thallium	205-1	517	375	417	436	16.69	cps
Tin	118-1	608	567	592	589	3.56	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1325-02DLX2	Instrumnet Name :	P8
Client Sample ID :	250FB-BP-BACKFILL-02	Dilution Factor :	2
Date & Time Acquired :	2023-02-07 11:01:35	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	767	842	842	817	5.30	cps
Uranium	238-1	7936	7761	7111	7603	5.72	cps
Vanadium	51-2	29160	27951	27122	28078	3.65	cps
Ytterbium	172-1	4376	4459	4659	4498	3.24	cps
Ytterbium	172-2	2089	2278	2028	2132	6.11	cps
Ytterbium	176-1	3409	3326	3767	3501	6.71	cps
Ytterbium	176-2	7002	7563	7174	7247	3.97	cps
Yttrium	89-1	7978053	8077853	7955060	8003655	0.82	cps
Yttrium	89-2	775129	767555	774522	772402	0.54	cps
Zinc	66-2	25643	23870	24535	24683	3.63	cps
Zirconium	90-1	1533	1183	1150	1289	16.48	cps
Zirconium	91-1	383	283	325	331	15.20	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BL	Instrumnet Name :	P8
Client Sample ID :	PB150693BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:04:42	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	112	102	105	6.30	cps
Antimony	121-1	250	142	75	156	56.78	cps
Arsenic	75-2	5	2	3	3	45.83	cps
Barium	135-1	325	75	33	144	109.21	cps
Barium	137-1	592	75	42	236	130.61	cps
Beryllium	9-1	214	102	66	127	60.29	cps
Bismuth	209-1	3222515	3288615	3562904	3358012	5.38	cps
Bismuth	209-2	1602726	1577015	1574566	1584769	0.98	cps
Boron	10-1	6636	6278	5760	6225	7.08	cps
Boron	11-1	31724	28734	26386	28948	9.24	cps
Bromine	81-1	36555	36495	35983	36345	0.87	cps
Cadmium	111-1	1755	1608	1919	1761	8.86	cps
Cadmium	106-1	2434	2309	2784	2509	9.82	cps
Cadmium	108-1	88	42	42	57	46.46	cps
Calcium	43-1	1190	449	255	631	78.18	cps
Calcium	44-1	26624	14256	10531	17137	49.16	cps
Carbon	12-1	4420362	4341403	4293590	4351785	1.47	cps
Carbon	12-2	44744	44142	44075	44320	0.83	cps
Chlorine	35-1	110705	112258	109579	110847	1.21	cps
Chlorine	35-2	617	625	725	656	9.20	cps
Chromium	52-2	397	373	483	418	13.87	cps
Cobalt	59-2	53	40	47	47	14.28	cps
Copper	63-2	437	437	483	452	5.96	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	50	67	108	75	40.06	cps
Erbium	164-2	10	37	30	26	54.31	cps
Gadolinium	160-1	67	42	25	44	47.19	cps
Gadolinium	160-2	63	70	63	66	5.87	cps
Holmium	165-1	5368824	5425168	5913014	5569002	5.37	cps
Holmium	165-2	2320580	2281539	2277125	2293081	1.04	cps
Indium	115-1	4693336	4782722	5343675	4939911	7.14	cps
Indium	115-2	673393	672489	666269	670717	0.58	cps
Iron	54-2	728	572	856	719	19.75	cps
Iron	56-2	8458	7291	7424	7725	8.27	cps
Iron	57-2	406	328	428	387	13.57	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BL	Instrumnet Name :	P8
Client Sample ID :	PB150693BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:04:42	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	412	384	405	400	3.72	cps
Lead	206-1	1506	594	461	854	66.59	cps
Lead	207-1	1200	556	439	732	56.04	cps
Lead	208-1	6151	2322	1989	3487	66.31	cps
Lithium	6-1	2964739	3032296	3274279	3090438	5.27	cps
Magnesium	24-2	692	617	558	622	10.74	cps
Manganese	55-2	160	117	130	136	16.37	cps
Molybdenum	94-1	1342	258	225	608	104.44	cps
Molybdenum	95-1	1308	267	100	558	117.29	cps
Molybdenum	96-1	1867	275	250	797	116.19	cps
Molybdenum	97-1	933	200	75	403	115.13	cps
Molybdenum	98-1	2484	358	208	1017	125.16	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	40	23	36	30.14	cps
Phosphorus	31-2	142	133	75	117	31.14	cps
Potassium	39-2	21149	20941	20949	21013	0.56	cps
Rhodium	103-1	4670646	4800657	5168508	4879937	5.29	cps
Rhodium	103-2	1970956	1955626	1877435	1934672	2.59	cps
Scandium	45-1	3834718	3743071	4227816	3935202	6.54	cps
Scandium	45-2	108080	108180	108953	108404	0.44	cps
Selenium	82-1	-13	-3	4	-4	-218.58	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	31	48	39	39	21.63	cps
Silicon	28-1	902089	910029	882181	898100	1.60	cps
Silver	107-1	583	233	292	369	50.76	cps
Silver	109-1	433	267	192	297	41.62	cps
Sodium	23-2	15058	14950	14950	14986	0.42	cps
Strontium	86-1	3367	742	717	1609	94.69	cps
Strontium	88-1	22525	2992	1458	8992	130.62	cps
Sulfur	34-1	407999	406362	408206	407522	0.25	cps
Terbium	159-1	5602950	5483965	6302954	5796623	7.63	cps
Terbium	159-2	2232365	2261073	2219773	2237737	0.95	cps
Thallium	203-1	308	108	167	194	52.90	cps
Thallium	205-1	958	225	275	486	84.29	cps
Tin	118-1	542	417	408	456	16.40	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BL	Instrumnet Name :	P8
Client Sample ID :	PB150693BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:04:42	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	692	233	242	389	67.44	cps
Uranium	238-1	725	92	50	289	130.94	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Ytterbium	172-1	25	42	42	36	26.65	cps
Ytterbium	172-2	33	33	11	26	49.49	cps
Ytterbium	176-1	717	800	933	817	13.38	cps
Ytterbium	176-2	5601	5879	5462	5648	3.76	cps
Yttrium	89-1	7515809	7886690	8578747	7993749	6.75	cps
Yttrium	89-2	760280	758777	731031	750029	2.20	cps
Zinc	66-2	123	150	147	140	10.38	cps
Zirconium	90-1	817	300	383	500	55.48	cps
Zirconium	91-1	208	133	92	144	40.93	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BS	Instrumnet Name :	P8
Client Sample ID :	PB150693BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:07:55	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1454	1512	1476	1481	2.00	cps
Antimony	121-1	14750	15167	13949	14622	4.23	cps
Arsenic	75-2	207	232	229	223	6.13	cps
Barium	135-1	16402	16794	15701	16299	3.40	cps
Barium	137-1	28890	29993	28639	29174	2.47	cps
Beryllium	9-1	3930	3825	4053	3936	2.89	cps
Bismuth	209-1	3296355	3227577	3222300	3248744	1.27	cps
Bismuth	209-2	1578085	1568631	1604717	1583811	1.18	cps
Boron	10-1	15075	15717	15373	15388	2.09	cps
Boron	11-1	69315	71936	70875	70709	1.86	cps
Bromine	81-1	36555	36967	36636	36719	0.59	cps
Cadmium	111-1	3818	4262	3853	3978	6.21	cps
Cadmium	106-1	2617	3092	2509	2739	11.33	cps
Cadmium	108-1	229	200	183	204	11.36	cps
Calcium	43-1	14833	14751	14288	14624	2.01	cps
Calcium	44-1	249765	247802	243365	246977	1.33	cps
Carbon	12-1	4417409	4359274	4391103	4389262	0.66	cps
Carbon	12-2	46206	45831	46675	46237	0.91	cps
Chlorine	35-1	128659	127895	130536	129030	1.05	cps
Chlorine	35-2	825	708	667	733	11.19	cps
Chromium	52-2	4864	4671	4764	4766	2.03	cps
Cobalt	59-2	3921	3781	3781	3827	2.11	cps
Copper	63-2	6278	6005	6361	6215	3.00	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	13	13	23	17	34.65	cps
Gadolinium	160-1	58	33	17	36	58.07	cps
Gadolinium	160-2	90	60	63	71	23.12	cps
Holmium	165-1	5380400	5366292	5511754	5419482	1.48	cps
Holmium	165-2	2288632	2319489	2286080	2298067	0.81	cps
Indium	115-1	4784027	4827155	4671709	4760964	1.69	cps
Indium	115-2	656981	656167	668644	660598	1.06	cps
Iron	54-2	19636	19002	18423	19020	3.19	cps
Iron	56-2	345107	333513	332572	337064	2.07	cps
Iron	57-2	8653	8653	8158	8488	3.37	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BS	Instrumnet Name :	P8
Client Sample ID :	PB150693BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:07:55	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	402	439	401	414	5.14	cps
Lead	206-1	5846	5429	5351	5542	4.80	cps
Lead	207-1	4984	4968	4923	4958	0.64	cps
Lead	208-1	22825	22097	22269	22397	1.70	cps
Lithium	6-1	3055260	3081563	3015112	3050645	1.10	cps
Magnesium	24-2	95731	94541	92954	94409	1.48	cps
Manganese	55-2	1303	1280	1173	1252	5.54	cps
Molybdenum	94-1	8211	8928	8811	8650	4.45	cps
Molybdenum	95-1	5218	5468	5168	5284	3.04	cps
Molybdenum	96-1	6652	6835	6718	6735	1.38	cps
Molybdenum	97-1	2975	3117	3100	3064	2.53	cps
Molybdenum	98-1	8086	7936	8228	8083	1.81	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1187	1063	1230	1160	7.45	cps
Phosphorus	31-2	200	167	133	167	20.00	cps
Potassium	39-2	83635	80751	84606	82997	2.42	cps
Rhodium	103-1	4671176	4864755	4711603	4749178	2.15	cps
Rhodium	103-2	1914699	1920083	1963915	1932899	1.40	cps
Scandium	45-1	3778776	3875306	3815490	3823191	1.27	cps
Scandium	45-2	110619	106750	110243	109204	1.95	cps
Selenium	82-1	1076	1014	1042	1044	3.00	cps
Selenium	77-2	20	33	17	23	37.78	cps
Selenium	78-2	136	149	139	141	4.82	cps
Silicon	28-1	961690	978437	956621	965583	1.18	cps
Silver	107-1	11222	11472	10463	11052	4.75	cps
Silver	109-1	9912	10696	10204	10271	3.86	cps
Sodium	23-2	189145	184988	185353	186495	1.23	cps
Strontium	86-1	3275	3859	3275	3470	9.71	cps
Strontium	88-1	25883	24773	25474	25376	2.21	cps
Sulfur	34-1	405921	413927	415087	411645	1.21	cps
Terbium	159-1	5649696	5532723	5650530	5610983	1.21	cps
Terbium	159-2	2208028	2210725	2186575	2201776	0.60	cps
Thallium	203-1	6569	6460	6185	6405	3.09	cps
Thallium	205-1	15393	15109	15885	15462	2.54	cps
Tin	118-1	717	825	758	767	7.13	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150693BS	Instrumnet Name :	P8
Client Sample ID :	PB150693BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:07:55	DataFile Name :	057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7319	7194	7544	7352	2.41	cps
Uranium	238-1	18097	19257	19515	18956	3.99	cps
Vanadium	51-2	8306	8216	7812	8111	3.24	cps
Ytterbium	172-1	25	50	0	25	100.00	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	867	767	892	842	7.86	cps
Ytterbium	176-2	5573	5624	5924	5707	3.32	cps
Yttrium	89-1	7560463	7558687	7757909	7625686	1.50	cps
Yttrium	89-2	737149	730435	756300	741295	1.81	cps
Zinc	66-2	1973	1847	2057	1959	5.40	cps
Zirconium	90-1	15225	15501	14241	14989	4.42	cps
Zirconium	91-1	3426	3667	3092	3395	8.51	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BL	Instrumnet Name :	P8
Client Sample ID :	PB150692BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:11:06	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	127	81	95	30.32	cps
Antimony	121-1	33	83	108	75	50.92	cps
Arsenic	75-2	3	4	1	3	57.28	cps
Barium	135-1	42	25	33	33	25.01	cps
Barium	137-1	83	17	25	42	87.18	cps
Beryllium	9-1	86	62	85	78	17.16	cps
Bismuth	209-1	3398495	3402384	3339920	3380266	1.04	cps
Bismuth	209-2	1584721	1574604	1561165	1573497	0.75	cps
Boron	10-1	3030	2960	2716	2902	5.68	cps
Boron	11-1	13954	13103	12413	13157	5.87	cps
Bromine	81-1	37990	35170	37901	37020	4.33	cps
Cadmium	111-1	1587	1783	1829	1733	7.40	cps
Cadmium	106-1	2275	2559	2625	2486	7.48	cps
Cadmium	108-1	38	42	25	35	24.98	cps
Calcium	43-1	166	146	149	154	7.09	cps
Calcium	44-1	9693	9670	9555	9639	0.77	cps
Carbon	12-1	4281917	4322271	4288855	4297681	0.50	cps
Carbon	12-2	44209	44753	43741	44234	1.14	cps
Chlorine	35-1	108867	109865	109210	109314	0.46	cps
Chlorine	35-2	633	542	700	625	12.72	cps
Chromium	52-2	340	390	440	390	12.82	cps
Cobalt	59-2	47	63	67	59	18.19	cps
Copper	63-2	370	577	383	443	26.09	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	58	58	50	28.87	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	50	77	73	67	21.80	cps
Holmium	165-1	5505333	5508553	5506093	5506660	0.03	cps
Holmium	165-2	2347612	2347169	2265063	2319948	2.05	cps
Indium	115-1	4705508	4755554	4825118	4762060	1.26	cps
Indium	115-2	666839	655775	663139	661918	0.85	cps
Iron	54-2	478	756	517	583	25.79	cps
Iron	56-2	3601	7730	3706	5012	46.97	cps
Iron	57-2	206	367	244	272	30.88	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BL	Instrumnet Name :	P8
Client Sample ID :	PB150692BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:11:06	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	430	427	420	426	1.22	cps
Lead	206-1	483	411	500	465	10.16	cps
Lead	207-1	433	361	367	387	10.38	cps
Lead	208-1	1883	1833	1845	1854	1.42	cps
Lithium	6-1	3072131	3029729	3080300	3060720	0.89	cps
Magnesium	24-2	408	842	525	592	37.90	cps
Manganese	55-2	60	170	47	92	73.39	cps
Molybdenum	94-1	217	108	133	153	37.13	cps
Molybdenum	95-1	33	83	108	75	50.92	cps
Molybdenum	96-1	267	233	125	208	35.55	cps
Molybdenum	97-1	92	17	0	36	135.21	cps
Molybdenum	98-1	167	75	75	106	50.14	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	33	23	10	22	52.68	cps
Phosphorus	31-2	117	83	133	111	22.91	cps
Potassium	39-2	21483	21141	21658	21427	1.23	cps
Rhodium	103-1	4749686	4883394	4873090	4835390	1.54	cps
Rhodium	103-2	1932172	1947990	1909632	1929931	1.00	cps
Scandium	45-1	3772236	3844893	3730370	3782500	1.53	cps
Scandium	45-2	109894	108997	109057	109316	0.46	cps
Selenium	82-1	-37	-11	-6	-18	-91.55	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	51	43	43	46	10.13	cps
Silicon	28-1	889156	884527	900651	891445	0.93	cps
Silver	107-1	275	375	225	292	26.19	cps
Silver	109-1	283	175	283	247	25.30	cps
Sodium	23-2	14900	15283	14316	14833	3.29	cps
Strontium	86-1	808	875	775	819	6.21	cps
Strontium	88-1	1042	825	742	870	17.81	cps
Sulfur	34-1	414015	419721	413232	415656	0.85	cps
Terbium	159-1	5591871	5666360	5798763	5685665	1.84	cps
Terbium	159-2	2270407	2270675	2192474	2244518	2.01	cps
Thallium	203-1	117	125	133	125	6.67	cps
Thallium	205-1	383	275	300	319	17.76	cps
Tin	118-1	250	383	333	322	20.90	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BL	Instrumnet Name :	P8
Client Sample ID :	PB150692BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:11:06	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	208	200	214	8.11	cps
Uranium	238-1	33	33	17	28	34.63	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Ytterbium	172-1	33	42	42	39	12.38	cps
Ytterbium	172-2	17	22	22	20	15.73	cps
Ytterbium	176-1	625	767	750	714	10.85	cps
Ytterbium	176-2	5529	5674	5618	5607	1.30	cps
Yttrium	89-1	7665378	7623225	7710707	7666437	0.57	cps
Yttrium	89-2	744484	745269	735146	741633	0.76	cps
Zinc	66-2	143	133	120	132	8.86	cps
Zirconium	90-1	425	350	275	350	21.43	cps
Zirconium	91-1	92	50	100	81	33.25	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BS	Instrumnet Name :	P8
Client Sample ID :	PB150692BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:14:19	DataFile Name :	059LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1576	1586	1544	1569	1.42	cps
Antimony	121-1	15042	14608	14708	14786	1.54	cps
Arsenic	75-2	231	231	212	225	4.88	cps
Barium	135-1	16711	17120	15868	16566	3.85	cps
Barium	137-1	28681	29700	27679	28687	3.52	cps
Beryllium	9-1	3925	3950	3964	3946	0.50	cps
Bismuth	209-1	3244581	3250484	3234320	3243128	0.25	cps
Bismuth	209-2	1639671	1652835	1806333	1699613	5.45	cps
Boron	10-1	13914	14440	14867	14407	3.31	cps
Boron	11-1	63528	66974	66619	65707	2.88	cps
Bromine	81-1	36727	35933	35161	35940	2.18	cps
Cadmium	111-1	4297	3969	3937	4068	4.90	cps
Cadmium	106-1	3009	2617	2525	2717	9.45	cps
Cadmium	108-1	192	221	188	200	9.08	cps
Calcium	43-1	14742	15028	14524	14765	1.71	cps
Calcium	44-1	251196	250254	242357	247936	1.96	cps
Carbon	12-1	4454006	4444887	4341972	4413622	1.41	cps
Carbon	12-2	46198	46783	46039	46340	0.85	cps
Chlorine	35-1	125928	127769	125558	126419	0.94	cps
Chlorine	35-2	758	633	583	658	13.69	cps
Chromium	52-2	4841	4717	4818	4792	1.37	cps
Cobalt	59-2	4027	3544	3837	3803	6.40	cps
Copper	63-2	5971	6388	6301	6220	3.54	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	58	67	50	58	14.29	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Gadolinium	160-2	63	93	83	80	19.09	cps
Holmium	165-1	5426217	5304486	5303003	5344569	1.32	cps
Holmium	165-2	2342611	2258098	2450019	2350243	4.09	cps
Indium	115-1	4915113	4822743	4674566	4804141	2.53	cps
Indium	115-2	667752	664550	705389	679230	3.34	cps
Iron	54-2	19297	18128	18062	18496	3.76	cps
Iron	56-2	341348	332032	324728	332702	2.50	cps
Iron	57-2	8697	8592	8603	8631	0.67	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BS	Instrumnet Name :	P8
Client Sample ID :	PB150692BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:14:19	DataFile Name :	059LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	414	405	419	412	1.69	cps
Lead	206-1	5312	5262	5407	5327	1.38	cps
Lead	207-1	5023	4984	4645	4884	4.26	cps
Lead	208-1	22180	22197	21624	22000	1.48	cps
Lithium	6-1	3037335	3068239	3122222	3075932	1.40	cps
Magnesium	24-2	98233	91278	92780	94097	3.89	cps
Manganese	55-2	1153	1107	1143	1135	2.17	cps
Molybdenum	94-1	8603	8686	8003	8431	4.43	cps
Molybdenum	95-1	5518	5176	5109	5268	4.16	cps
Molybdenum	96-1	6643	6568	6577	6596	0.62	cps
Molybdenum	97-1	3242	3250	2692	3062	10.45	cps
Molybdenum	98-1	7919	7919	7511	7783	3.03	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1163	1250	1130	1181	5.24	cps
Phosphorus	31-2	200	142	100	147	34.12	cps
Potassium	39-2	84430	83467	82712	83536	1.03	cps
Rhodium	103-1	4861846	4867870	4711484	4813733	1.84	cps
Rhodium	103-2	1969756	1927811	2086986	1994851	4.14	cps
Scandium	45-1	3824164	3804417	3872022	3833534	0.91	cps
Scandium	45-2	109829	109764	117550	112381	3.98	cps
Selenium	82-1	1056	1031	1032	1040	1.35	cps
Selenium	77-2	47	27	33	36	28.64	cps
Selenium	78-2	125	138	137	133	5.43	cps
Silicon	28-1	972648	951573	987954	970725	1.88	cps
Silver	107-1	10871	11238	10713	10941	2.46	cps
Silver	109-1	10754	10187	9962	10301	3.96	cps
Sodium	23-2	189066	183479	180500	184348	2.36	cps
Strontium	86-1	3434	3726	3442	3534	4.70	cps
Strontium	88-1	25532	25666	24405	25201	2.75	cps
Sulfur	34-1	423614	421778	424075	423156	0.29	cps
Terbium	159-1	5650494	5725725	5592869	5656362	1.18	cps
Terbium	159-2	2253158	2175229	2351204	2259863	3.90	cps
Thallium	203-1	6302	6910	6085	6432	6.65	cps
Thallium	205-1	14634	15401	15001	15012	2.56	cps
Tin	118-1	825	783	983	864	12.21	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	PB150692BS	Instrumnet Name :	P8
Client Sample ID :	PB150692BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:14:19	DataFile Name :	059LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7744	6710	7227	7227	7.15	cps
Uranium	238-1	19632	19140	19006	19260	1.71	cps
Vanadium	51-2	8012	8346	7719	8026	3.91	cps
Ytterbium	172-1	33	50	25	36	35.25	cps
Ytterbium	172-2	17	17	17	17	0.00	cps
Ytterbium	176-1	800	692	825	772	9.18	cps
Ytterbium	176-2	5412	6302	6013	5909	7.68	cps
Yttrium	89-1	7741380	7690181	7490432	7640664	1.74	cps
Yttrium	89-2	741195	744120	797825	761047	4.19	cps
Zinc	66-2	2290	2034	2044	2122	6.85	cps
Zirconium	90-1	15517	15501	15008	15342	1.89	cps
Zirconium	91-1	3601	3676	3342	3539	4.94	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01	Instrumnet Name :	P8
Client Sample ID :	MH24F5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:17:29	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2073013	2000510	1944563	2006029	3.21	cps
Antimony	121-1	89443	87723	86407	87858	1.73	cps
Arsenic	75-2	6776	6721	6637	6712	1.04	cps
Barium	135-1	999250	987150	982810	989736	0.86	cps
Barium	137-1	1739272	1691607	1666258	1699045	2.18	cps
Beryllium	9-1	17364	17283	16797	17148	1.79	cps
Bismuth	209-1	3152800	3399883	3307319	3286667	3.80	cps
Bismuth	209-2	1580343	1594066	1590790	1588400	0.45	cps
Boron	10-1	71317	75538	73827	73561	2.89	cps
Boron	11-1	331208	345819	345466	340831	2.45	cps
Bromine	81-1	43331	47128	46686	45715	4.54	cps
Cadmium	111-1	22703	21366	20843	21637	4.43	cps
Cadmium	106-1	5568	5193	5393	5385	3.49	cps
Cadmium	108-1	1817	1808	1713	1779	3.25	cps
Calcium	43-1	4163345	4059098	3906946	4043130	3.19	cps
Calcium	44-1	65586904	65508364	63760079	64951782	1.59	cps
Carbon	12-1	11132135	11195216	11228566	11185306	0.44	cps
Carbon	12-2	110716	107929	108424	109023	1.36	cps
Chlorine	35-1	22837101	27109829	29190838	26379256	12.28	cps
Chlorine	35-2	212198	213863	216771	214277	1.08	cps
Chromium	52-2	93004	91514	90165	91561	1.55	cps
Cobalt	59-2	107050	103439	100381	103623	3.22	cps
Copper	63-2	650007	644807	633450	642755	1.32	cps
Dysprosium	156-1	69791	67446	65369	67535	3.28	cps
Dysprosium	156-2	23848	23130	23344	23441	1.57	cps
Erbium	164-1	58815	56923	55592	57110	2.84	cps
Erbium	164-2	21007	20449	20202	20553	2.01	cps
Gadolinium	160-1	59936	58003	57367	58435	2.29	cps
Gadolinium	160-2	25114	23791	23324	24076	3.86	cps
Holmium	165-1	5264331	5572041	5665139	5500504	3.81	cps
Holmium	165-2	2332994	2404449	2343862	2360435	1.63	cps
Indium	115-1	4753417	4778168	4830359	4787315	0.82	cps
Indium	115-2	671021	673316	677445	673927	0.48	cps
Iron	54-2	7293855	7171028	6774440	7079774	3.83	cps
Iron	56-2	131994478	126196433	121374792	126521901	4.20	cps
Iron	57-2	3374580	3276383	3147984	3266316	3.48	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01	Instrumnet Name :	P8
Client Sample ID :	MH24F5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:17:29	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	504	516	500	507	1.68	cps
Lead	206-1	13302336	13119379	12971834	13131183	1.26	cps
Lead	207-1	10895027	11278755	10944049	11039277	1.89	cps
Lead	208-1	51117811	52005257	50757381	51293483	1.25	cps
Lithium	6-1	3048029	3267111	3180858	3165333	3.49	cps
Magnesium	24-2	1811972	1746542	1693915	1750810	3.38	cps
Manganese	55-2	2949518	2907967	2806065	2887850	2.56	cps
Molybdenum	94-1	63931	63555	61871	63119	1.74	cps
Molybdenum	95-1	33148	32180	31486	32272	2.59	cps
Molybdenum	96-1	47591	45200	45642	46144	2.76	cps
Molybdenum	97-1	19347	19639	19397	19461	0.80	cps
Molybdenum	98-1	49188	49815	48201	49068	1.66	cps
Neodymium	150-1	96035	97431	93101	95522	2.31	cps
Neodymium	150-2	26029	25247	26349	25875	2.19	cps
Nickel	60-2	112975	112138	109250	111454	1.75	cps
Phosphorus	31-2	11630	11872	11772	11758	1.03	cps
Potassium	39-2	710670	695813	685020	697167	1.85	cps
Rhodium	103-1	4597955	4699143	4787546	4694881	2.02	cps
Rhodium	103-2	1917039	1880206	1934918	1910721	1.46	cps
Scandium	45-1	3832557	4033043	3982447	3949349	2.64	cps
Scandium	45-2	116539	114553	113233	114775	1.45	cps
Selenium	82-1	437	432	399	423	4.98	cps
Selenium	77-2	103	87	93	94	8.88	cps
Selenium	78-2	140	136	130	135	3.72	cps
Silicon	28-1	9313160	9304312	9189113	9268862	0.75	cps
Silver	107-1	34369	33307	35421	34366	3.08	cps
Silver	109-1	34302	32706	31428	32812	4.39	cps
Sodium	23-2	963861	944895	933670	947476	1.61	cps
Strontium	86-1	2019301	1954055	1913472	1962276	2.72	cps
Strontium	88-1	16599554	16874475	16410209	16628079	1.40	cps
Sulfur	34-1	903947	921925	1030197	952023	7.17	cps
Terbium	159-1	5531472	5710403	5919453	5720443	3.39	cps
Terbium	159-2	2329849	2335774	2274814	2313479	1.45	cps
Thallium	203-1	4693	4468	4434	4531	3.10	cps
Thallium	205-1	11973	11355	11389	11572	3.00	cps
Tin	118-1	813031	798865	789935	800610	1.45	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01	Instrumnet Name :	P8
Client Sample ID :	MH24F5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:17:29	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	874593	855907	813348	847949	3.70	cps
Uranium	238-1	92690	91287	91993	91990	0.76	cps
Vanadium	51-2	196901	188399	185738	190346	3.06	cps
Ytterbium	172-1	19782	19481	18789	19351	2.63	cps
Ytterbium	172-2	8647	8142	8553	8447	3.18	cps
Ytterbium	176-1	12264	13090	13190	12848	3.95	cps
Ytterbium	176-2	10427	11377	11327	11044	4.85	cps
Yttrium	89-1	8647134	9142913	9105364	8965137	3.08	cps
Yttrium	89-2	854342	852569	855565	854159	0.18	cps
Zinc	66-2	1156736	1142530	1101322	1133529	2.54	cps
Zirconium	90-1	123738	127228	126961	125976	1.54	cps
Zirconium	91-1	27068	27144	27795	27336	1.46	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-02	Instrumnet Name :	P8
Client Sample ID :	MH24F5D	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:20:28	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1608945	1631577	1562316	1600946	2.21	cps
Antimony	121-1	93780	93956	90207	92648	2.28	cps
Arsenic	75-2	5614	5497	5319	5476	2.71	cps
Barium	135-1	980461	964688	960374	968508	1.09	cps
Barium	137-1	1734847	1764310	1679323	1726160	2.50	cps
Beryllium	9-1	13264	13207	13093	13188	0.66	cps
Bismuth	209-1	3456171	3641962	3579537	3559223	2.66	cps
Bismuth	209-2	1598933	1465527	1506683	1523714	4.48	cps
Boron	10-1	60763	64434	64383	63193	3.33	cps
Boron	11-1	281260	292660	287480	287133	1.99	cps
Bromine	81-1	41584	41725	40390	41233	1.78	cps
Cadmium	111-1	17866	17552	17535	17651	1.06	cps
Cadmium	106-1	5059	5134	5026	5073	1.09	cps
Cadmium	108-1	1358	1417	1333	1370	3.12	cps
Calcium	43-1	3143378	3140054	3124928	3136120	0.31	cps
Calcium	44-1	50922237	51276108	50528404	50908916	0.73	cps
Carbon	12-1	9283668	9491630	9320736	9365345	1.18	cps
Carbon	12-2	94253	93606	90637	92832	2.08	cps
Chlorine	35-1	32027049	35892648	37049987	34989895	7.52	cps
Chlorine	35-2	251322	252955	251653	251977	0.34	cps
Chromium	52-2	79449	79259	76125	78278	2.39	cps
Cobalt	59-2	86571	86823	84992	86129	1.15	cps
Copper	63-2	530509	517785	506901	518398	2.28	cps
Dysprosium	156-1	53157	53860	53927	53648	0.80	cps
Dysprosium	156-2	18910	19131	18540	18860	1.58	cps
Erbium	164-1	44902	44250	46884	45345	3.03	cps
Erbium	164-2	16751	16364	16260	16458	1.57	cps
Gadolinium	160-1	46666	45027	47486	46393	2.70	cps
Gadolinium	160-2	19261	18904	19054	19073	0.94	cps
Holmium	165-1	6113825	6074122	6169698	6119215	0.78	cps
Holmium	165-2	2366121	2157600	2264147	2262623	4.61	cps
Indium	115-1	5203792	5383637	5086819	5224749	2.86	cps
Indium	115-2	669738	608999	631313	636684	4.83	cps
Iron	54-2	6331733	6217279	6076652	6208555	2.06	cps
Iron	56-2	114449728	111163761	109655202	111756230	2.19	cps
Iron	57-2	2938408	2880540	2773744	2864231	2.92	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-02	Instrumnet Name :	P8
Client Sample ID :	MH24F5D	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:20:28	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	460	451	471	461	2.18	cps
Lead	206-1	10802128	11340545	10548170	10896948	3.71	cps
Lead	207-1	9141588	9168840	9096202	9135543	0.40	cps
Lead	208-1	41783388	43355447	41769046	42302627	2.16	cps
Lithium	6-1	3353156	3333770	3372510	3353145	0.58	cps
Magnesium	24-2	1426736	1460854	1447142	1444911	1.19	cps
Manganese	55-2	2394176	2382642	2275353	2350724	2.79	cps
Molybdenum	94-1	52425	51630	49564	51206	2.88	cps
Molybdenum	95-1	26601	27035	26050	26562	1.86	cps
Molybdenum	96-1	39574	38889	38203	38889	1.76	cps
Molybdenum	97-1	16527	16802	15643	16324	3.71	cps
Molybdenum	98-1	41513	43778	41145	42145	3.38	cps
Neodymium	150-1	77845	75136	76162	76381	1.79	cps
Neodymium	150-2	20583	21230	20456	20756	2.00	cps
Nickel	60-2	84120	84144	82092	83452	1.41	cps
Phosphorus	31-2	9787	9937	10237	9987	2.30	cps
Potassium	39-2	573656	569135	559528	567439	1.27	cps
Rhodium	103-1	5250698	5047859	5159882	5152813	1.97	cps
Rhodium	103-2	1872326	1759960	1798064	1810117	3.16	cps
Scandium	45-1	4231788	4356430	4301330	4296516	1.45	cps
Scandium	45-2	116314	104517	108097	109642	5.52	cps
Selenium	82-1	377	361	355	365	3.19	cps
Selenium	77-2	83	107	97	96	12.25	cps
Selenium	78-2	132	126	116	125	6.48	cps
Silicon	28-1	9641050	9387126	9268143	9432106	2.02	cps
Silver	107-1	26810	26768	26359	26646	0.94	cps
Silver	109-1	25666	24823	25115	25201	1.70	cps
Sodium	23-2	764903	772125	748071	761699	1.62	cps
Strontium	86-1	1517653	1543308	1473520	1511494	2.34	cps
Strontium	88-1	12817135	13353748	12666247	12945710	2.79	cps
Sulfur	34-1	902459	899090	892000	897850	0.59	cps
Terbium	159-1	6344314	6074394	6509411	6309373	3.48	cps
Terbium	159-2	2276077	2110664	2164747	2183829	3.86	cps
Thallium	203-1	3892	3926	3784	3867	1.92	cps
Thallium	205-1	9562	9245	9045	9284	2.81	cps
Tin	118-1	288144	288658	282571	286458	1.18	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-02	Instrumnet Name :	P8
Client Sample ID :	MH24F5D	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:20:28	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	759335	751764	738687	749929	1.39	cps
Uranium	238-1	79232	77253	76851	77779	1.64	cps
Vanadium	51-2	164961	163406	157561	161976	2.41	cps
Ytterbium	172-1	15768	15835	14984	15529	3.05	cps
Ytterbium	172-2	7035	6802	6674	6837	2.68	cps
Ytterbium	176-1	10821	11272	10454	10849	3.77	cps
Ytterbium	176-2	10465	9654	9637	9919	4.77	cps
Yttrium	89-1	9637622	9420851	9289686	9449386	1.86	cps
Yttrium	89-2	837036	772892	774484	794804	4.60	cps
Zinc	66-2	925183	919950	888215	911116	2.20	cps
Zirconium	90-1	102411	102954	99280	101548	1.95	cps
Zirconium	91-1	22844	22761	21968	22524	2.15	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH24F5L	Dilution Factor :	5
Date & Time Acquired :	2023-02-07 11:23:25	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	395695	386050	379386	387044	2.12	cps
Antimony	121-1	17420	17754	17411	17528	1.11	cps
Arsenic	75-2	1248	1328	1275	1284	3.17	cps
Barium	135-1	189232	186112	188254	187866	0.85	cps
Barium	137-1	326533	329193	328116	327947	0.41	cps
Beryllium	9-1	3382	3349	3517	3416	2.61	cps
Bismuth	209-1	3939744	3214033	3193433	3449070	12.32	cps
Bismuth	209-2	1564994	1554704	1584605	1568101	0.97	cps
Boron	10-1	18404	19311	18786	18834	2.42	cps
Boron	11-1	83509	86762	85529	85267	1.93	cps
Bromine	81-1	37749	35190	35321	36087	3.99	cps
Cadmium	111-1	5804	5689	5747	5747	1.00	cps
Cadmium	106-1	3259	3050	2909	3073	5.73	cps
Cadmium	108-1	379	317	367	354	9.34	cps
Calcium	43-1	762951	777554	760524	767010	1.20	cps
Calcium	44-1	12209907	12103942	11837987	12050612	1.59	cps
Carbon	12-1	5431242	5423978	5325821	5393680	1.09	cps
Carbon	12-2	54669	54953	54435	54686	0.47	cps
Chlorine	35-1	10694064	11127590	11152064	10991239	2.34	cps
Chlorine	35-2	71627	71016	70078	70907	1.10	cps
Chromium	52-2	18512	18192	18145	18283	1.09	cps
Cobalt	59-2	21076	21243	20268	20862	2.50	cps
Copper	63-2	130861	131248	127521	129876	1.58	cps
Dysprosium	156-1	12756	12523	12539	12606	1.03	cps
Dysprosium	156-2	4631	4371	4364	4455	3.41	cps
Erbium	164-1	10746	10771	11205	10908	2.36	cps
Erbium	164-2	4041	4211	3907	4053	3.75	cps
Gadolinium	160-1	10788	11005	11163	10985	1.72	cps
Gadolinium	160-2	4851	5101	4598	4850	5.19	cps
Holmium	165-1	6453930	5406592	5369566	5743363	10.72	cps
Holmium	165-2	2349699	2334460	2266185	2316782	1.92	cps
Indium	115-1	5745068	4782918	4642683	5056890	11.87	cps
Indium	115-2	666705	667181	698068	677318	2.65	cps
Iron	54-2	1464195	1456809	1400564	1440523	2.42	cps
Iron	56-2	25503417	25508454	24774156	25262009	1.67	cps
Iron	57-2	632216	626794	620334	626448	0.95	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH24F5L	Dilution Factor :	5
Date & Time Acquired :	2023-02-07 11:23:25	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	395	419	400	405	3.10	cps
Lead	206-1	2619059	2607911	2484246	2570405	2.91	cps
Lead	207-1	2242580	2199939	2131310	2191276	2.56	cps
Lead	208-1	10088212	10147033	9774427	10003224	2.00	cps
Lithium	6-1	3520237	3094531	3047988	3220919	8.08	cps
Magnesium	24-2	353404	352239	343302	349649	1.58	cps
Manganese	55-2	565837	557715	553543	559032	1.12	cps
Molybdenum	94-1	12756	12364	12131	12417	2.55	cps
Molybdenum	95-1	6468	6468	6852	6596	3.36	cps
Molybdenum	96-1	8911	9087	9829	9276	5.25	cps
Molybdenum	97-1	3951	3992	4384	4109	5.82	cps
Molybdenum	98-1	10563	11121	10287	10657	3.99	cps
Neodymium	150-1	18112	17846	18313	18090	1.30	cps
Neodymium	150-2	5254	4728	4928	4970	5.35	cps
Nickel	60-2	23059	22705	21537	22433	3.55	cps
Phosphorus	31-2	2450	2234	2542	2409	6.57	cps
Potassium	39-2	155189	154045	148797	152677	2.23	cps
Rhodium	103-1	5687457	4715112	4787015	5063195	10.70	cps
Rhodium	103-2	1969007	1918975	1921140	1936374	1.46	cps
Scandium	45-1	4573968	3901397	3818340	4097902	10.11	cps
Scandium	45-2	111123	110195	112384	111234	0.99	cps
Selenium	82-1	122	110	96	110	11.98	cps
Selenium	77-2	13	20	10	14	35.26	cps
Selenium	78-2	59	62	61	61	2.52	cps
Silicon	28-1	2467782	2531443	2450976	2483400	1.71	cps
Silver	107-1	6510	6627	6285	6474	2.68	cps
Silver	109-1	6452	6994	6352	6599	5.23	cps
Sodium	23-2	202247	206211	193776	200745	3.16	cps
Strontium	86-1	365444	372764	366436	368215	1.08	cps
Strontium	88-1	3160838	3210389	3040930	3137386	2.78	cps
Sulfur	34-1	510004	517175	513687	513622	0.70	cps
Terbium	159-1	6835179	5565688	5625634	6008834	11.92	cps
Terbium	159-2	2313078	2270571	2275826	2286492	1.01	cps
Thallium	203-1	1342	1167	1225	1245	7.16	cps
Thallium	205-1	2850	2950	2925	2909	1.79	cps
Tin	118-1	146750	147248	147021	147006	0.17	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-01LX5	Instrumnet Name :	P8
Client Sample ID :	MH24F5L	Dilution Factor :	5
Date & Time Acquired :	2023-02-07 11:23:25	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	160105	159147	161754	160335	0.82	cps
Uranium	238-1	17855	17438	17546	17613	1.23	cps
Vanadium	51-2	38632	36954	36557	37381	2.95	cps
Ytterbium	172-1	3526	3526	3634	3562	1.76	cps
Ytterbium	172-2	1778	1656	1733	1722	3.59	cps
Ytterbium	176-1	3300	3075	3109	3162	3.84	cps
Ytterbium	176-2	7013	7058	7452	7174	3.37	cps
Yttrium	89-1	9669842	8160894	7821000	8550579	11.51	cps
Yttrium	89-2	774205	763827	787859	775297	1.55	cps
Zinc	66-2	239173	240592	230676	236814	2.26	cps
Zirconium	90-1	23053	24155	22886	23365	2.95	cps
Zirconium	91-1	5134	5351	5043	5176	3.06	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-03	Instrumnet Name :	P8
Client Sample ID :	MH24F5S	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:26:32	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1873297	1884298	1875664	1877753	0.31	cps
Antimony	121-1	121909	120463	121203	121192	0.60	cps
Arsenic	75-2	7321	7123	6876	7107	3.13	cps
Barium	135-1	1252308	1265401	1222019	1246576	1.79	cps
Barium	137-1	2150602	2179956	2130345	2153635	1.16	cps
Beryllium	9-1	34646	34418	34342	34469	0.46	cps
Bismuth	209-1	3258927	3239167	3338962	3279019	1.61	cps
Bismuth	209-2	1606758	1581637	1574468	1587621	1.07	cps
Boron	10-1	70435	71010	72879	71441	1.79	cps
Boron	11-1	311714	327651	327641	322335	2.85	cps
Bromine	81-1	42910	40872	41614	41799	2.47	cps
Cadmium	111-1	30344	29654	29495	29831	1.51	cps
Cadmium	106-1	6001	5910	6193	6035	2.40	cps
Cadmium	108-1	2259	2192	2071	2174	4.37	cps
Calcium	43-1	3546957	3598200	3460280	3535146	1.97	cps
Calcium	44-1	59914171	58544668	57015966	58491602	2.48	cps
Carbon	12-1	9521035	9584808	9533367	9546403	0.35	cps
Carbon	12-2	99360	96466	97557	97794	1.49	cps
Chlorine	35-1	33638115	36755095	38284481	36225897	6.54	cps
Chlorine	35-2	265426	264789	262176	264131	0.65	cps
Chromium	52-2	133083	129522	124960	129189	3.15	cps
Cobalt	59-2	292405	282163	278238	284269	2.57	cps
Copper	63-2	673961	671599	648780	664780	2.09	cps
Dysprosium	156-1	60865	58697	62012	60524	2.78	cps
Dysprosium	156-2	21898	21841	21230	21657	1.71	cps
Erbium	164-1	51576	53140	52538	52418	1.51	cps
Erbium	164-2	19741	19848	19087	19559	2.11	cps
Gadolinium	160-1	51099	52563	53048	52237	1.94	cps
Gadolinium	160-2	23007	22229	21898	22378	2.54	cps
Holmium	165-1	5516204	5554405	5638369	5569659	1.12	cps
Holmium	165-2	2389580	2386329	2335246	2370385	1.29	cps
Indium	115-1	4877489	4807741	4754244	4813158	1.28	cps
Indium	115-2	687651	671946	676572	678723	1.19	cps
Iron	54-2	6913050	6863202	6657616	6811289	1.99	cps
Iron	56-2	126853470	122141342	122346225	123780345	2.15	cps
Iron	57-2	3292882	3187045	3086735	3188887	3.23	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-03	Instrumnet Name :	P8
Client Sample ID :	MH24F5S	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:26:32	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	490	471	520	494	4.98	cps
Lead	206-1	11781513	11353263	11662622	11599132	1.91	cps
Lead	207-1	9827210	9786892	9734727	9782943	0.47	cps
Lead	208-1	45934705	44820709	45478050	45411154	1.23	cps
Lithium	6-1	3145102	3163184	3188119	3165468	0.68	cps
Magnesium	24-2	1638764	1613850	1619661	1624092	0.80	cps
Manganese	55-2	2874031	2762587	2725001	2787206	2.78	cps
Molybdenum	94-1	58390	57880	58424	58231	0.52	cps
Molybdenum	95-1	26142	27327	26467	26646	2.30	cps
Molybdenum	96-1	38722	39691	39900	39438	1.59	cps
Molybdenum	97-1	16443	16093	16468	16335	1.29	cps
Molybdenum	98-1	40735	41229	41998	41321	1.54	cps
Neodymium	150-1	85718	87955	87430	87034	1.34	cps
Neodymium	150-2	25254	23738	23858	24283	3.47	cps
Nickel	60-2	148999	145934	142669	145867	2.17	cps
Phosphorus	31-2	11255	10379	10996	10877	4.14	cps
Potassium	39-2	661187	652775	632071	648678	2.31	cps
Rhodium	103-1	4619915	4605897	4862547	4696120	3.07	cps
Rhodium	103-2	1937409	1936423	1878532	1917455	1.76	cps
Scandium	45-1	4015106	4096493	4059147	4056916	1.00	cps
Scandium	45-2	116116	113653	113171	114313	1.38	cps
Selenium	82-1	2120	2226	2146	2164	2.56	cps
Selenium	77-2	150	127	97	124	21.48	cps
Selenium	78-2	260	281	280	274	4.33	cps
Silicon	28-1	12910139	13422561	12996658	13109786	2.09	cps
Silver	107-1	83402	84258	83872	83844	0.51	cps
Silver	109-1	77577	77937	78509	78008	0.60	cps
Sodium	23-2	877993	876994	855716	870234	1.45	cps
Strontium	86-1	1760271	1736716	1829124	1775370	2.70	cps
Strontium	88-1	14697062	14852453	14950815	14833443	0.86	cps
Sulfur	34-1	963358	952558	942991	952969	1.07	cps
Terbium	159-1	5886760	5798237	5920921	5868639	1.08	cps
Terbium	159-2	2368736	2327659	2339319	2345238	0.90	cps
Thallium	203-1	32258	32241	32642	32380	0.70	cps
Thallium	205-1	79235	74473	76208	76639	3.14	cps
Tin	118-1	287666	287283	283708	286219	0.76	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-03	Instrumnet Name :	P8
Client Sample ID :	MH24F5S	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:26:32	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	850196	851702	831410	844436	1.34	cps
Uranium	238-1	84432	89374	87074	86960	2.84	cps
Vanadium	51-2	266709	264842	258811	263454	1.57	cps
Ytterbium	172-1	17796	17846	17754	17799	0.26	cps
Ytterbium	172-2	7686	8180	7969	7945	3.12	cps
Ytterbium	176-1	11547	11789	12047	11794	2.12	cps
Ytterbium	176-2	11194	10916	10282	10797	4.33	cps
Yttrium	89-1	8768529	8750536	8963130	8827399	1.34	cps
Yttrium	89-2	852746	852473	856148	853789	0.24	cps
Zinc	66-2	1075755	1078690	1043058	1065835	1.86	cps
Zirconium	90-1	122176	117892	118748	119605	1.90	cps
Zirconium	91-1	25749	26234	25132	25705	2.15	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-04	Instrumnet Name :	P8
Client Sample ID :	MH24K8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:29:29	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	982527	946888	941370	956928	2.33	cps
Antimony	121-1	23521	22586	22052	22720	3.27	cps
Arsenic	75-2	5351	5280	5126	5252	2.18	cps
Barium	135-1	722508	722944	690286	711913	2.63	cps
Barium	137-1	1264199	1264155	1223799	1250718	1.86	cps
Beryllium	9-1	6402	6384	6289	6359	0.95	cps
Bismuth	209-1	3323444	3388351	3208052	3306616	2.76	cps
Bismuth	209-2	1612179	1599459	1690769	1634136	3.03	cps
Boron	10-1	17815	17949	18011	17925	0.56	cps
Boron	11-1	81962	82630	82336	82309	0.41	cps
Bromine	81-1	42258	41404	40490	41384	2.14	cps
Cadmium	111-1	21232	21527	21734	21498	1.17	cps
Cadmium	106-1	4918	4609	4959	4829	3.96	cps
Cadmium	108-1	1533	1663	1567	1588	4.22	cps
Calcium	43-1	2099291	2150493	2067098	2105627	2.00	cps
Calcium	44-1	33841922	33850355	33046411	33579563	1.38	cps
Carbon	12-1	11084955	11351752	11211012	11215907	1.19	cps
Carbon	12-2	116149	112864	110809	113274	2.38	cps
Chlorine	35-1	34928509	37859690	39092836	37293679	5.74	cps
Chlorine	35-2	272079	269024	269737	270280	0.59	cps
Chromium	52-2	83724	81645	82198	82522	1.30	cps
Cobalt	59-2	76421	75827	74397	75548	1.38	cps
Copper	63-2	604146	597997	577547	593230	2.35	cps
Dysprosium	156-1	44241	43305	43723	43756	1.07	cps
Dysprosium	156-2	16607	16013	15860	16160	2.44	cps
Erbium	164-1	34095	34187	34237	34173	0.21	cps
Erbium	164-2	13160	12499	12162	12607	4.03	cps
Gadolinium	160-1	37955	36601	36593	37050	2.12	cps
Gadolinium	160-2	16450	16130	15950	16177	1.57	cps
Holmium	165-1	5533224	5454108	5518411	5501914	0.76	cps
Holmium	165-2	2334331	2379291	2384038	2365887	1.16	cps
Indium	115-1	4841685	4765098	4683121	4763302	1.66	cps
Indium	115-2	688981	690876	683803	687887	0.53	cps
Iron	54-2	7879446	7484057	7535410	7632971	2.82	cps
Iron	56-2	142201714	138890111	137385128	139492318	1.77	cps
Iron	57-2	3652622	3537634	3475084	3555113	2.53	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-04	Instrumnet Name :	P8
Client Sample ID :	MH24K8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:29:29	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	449	412	467	443	6.31	cps
Lead	206-1	4506093	4239140	4110551	4285261	4.71	cps
Lead	207-1	3704655	3745936	3511534	3654042	3.42	cps
Lead	208-1	17059759	17200413	16372980	16877717	2.62	cps
Lithium	6-1	3066643	3114814	3144111	3108523	1.26	cps
Magnesium	24-2	1555988	1536041	1507255	1533095	1.60	cps
Manganese	55-2	2802763	2728572	2727861	2753065	1.56	cps
Molybdenum	94-1	17662	16502	16402	16855	4.16	cps
Molybdenum	95-1	18129	17545	17036	17570	3.11	cps
Molybdenum	96-1	25182	25124	24105	24804	2.44	cps
Molybdenum	97-1	11113	10554	10938	10868	2.63	cps
Molybdenum	98-1	29382	27628	26793	27934	4.73	cps
Neodymium	150-1	66980	66150	66927	66686	0.70	cps
Neodymium	150-2	19488	18930	19234	19217	1.45	cps
Nickel	60-2	76458	74467	74289	75071	1.60	cps
Phosphorus	31-2	12681	12639	12639	12653	0.19	cps
Potassium	39-2	658353	654884	658540	657259	0.31	cps
Rhodium	103-1	4694727	4798226	4579607	4690854	2.33	cps
Rhodium	103-2	1904813	1912478	1954417	1923903	1.39	cps
Scandium	45-1	3941213	3943080	3816319	3900204	1.86	cps
Scandium	45-2	113428	113240	115040	113902	0.87	cps
Selenium	82-1	380	411	385	392	4.28	cps
Selenium	77-2	77	100	70	82	19.16	cps
Selenium	78-2	126	112	111	116	7.21	cps
Silicon	28-1	7183883	7112014	7072609	7122835	0.79	cps
Silver	107-1	31153	29808	27904	29621	5.51	cps
Silver	109-1	28764	28739	28038	28514	1.45	cps
Sodium	23-2	132548	126943	130313	129935	2.17	cps
Strontium	86-1	751526	742075	745915	746505	0.64	cps
Strontium	88-1	6435241	6357702	6481209	6424718	0.97	cps
Sulfur	34-1	439951	438786	443830	440855	0.60	cps
Terbium	159-1	5850060	5733867	5844384	5809437	1.13	cps
Terbium	159-2	2362351	2367550	2285633	2338511	1.96	cps
Thallium	203-1	3826	3584	3617	3676	3.56	cps
Thallium	205-1	9445	8662	8862	8990	4.53	cps
Tin	118-1	111327	108598	104919	108282	2.97	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-04	Instrumnet Name :	P8
Client Sample ID :	MH24K8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:29:29	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	263755	265974	260844	263524	0.98	cps
Uranium	238-1	50526	50225	51539	50763	1.36	cps
Vanadium	51-2	139733	135052	135435	136740	1.90	cps
Ytterbium	172-1	9637	10630	9479	9915	6.29	cps
Ytterbium	172-2	5007	4406	4518	4643	6.88	cps
Ytterbium	176-1	7477	6744	6702	6974	6.25	cps
Ytterbium	176-2	8825	8836	8736	8799	0.62	cps
Yttrium	89-1	8324361	8274346	8491512	8363406	1.36	cps
Yttrium	89-2	833082	812286	826376	823915	1.29	cps
Zinc	66-2	1041827	1012504	990171	1014834	2.55	cps
Zirconium	90-1	17620	17111	18104	17612	2.82	cps
Zirconium	91-1	4276	3826	4092	4065	5.57	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-05	Instrumnet Name :	P8
Client Sample ID :	MH24K9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:32:31	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1114247	1092366	1080969	1095861	1.54	cps
Antimony	121-1	23938	24005	23871	23938	0.28	cps
Arsenic	75-2	5970	5825	5660	5818	2.67	cps
Barium	135-1	829812	817242	808626	818560	1.30	cps
Barium	137-1	1431960	1452343	1391350	1425218	2.18	cps
Beryllium	9-1	7579	7475	7616	7556	0.97	cps
Bismuth	209-1	3301319	3303723	3330089	3311710	0.48	cps
Bismuth	209-2	1577388	1617503	1578247	1591046	1.44	cps
Boron	10-1	15783	16148	16442	16124	2.05	cps
Boron	11-1	70383	73570	73613	72522	2.55	cps
Bromine	81-1	41966	42739	44015	42906	2.41	cps
Cadmium	111-1	25171	26353	24151	25225	4.37	cps
Cadmium	106-1	5234	5109	5126	5157	1.32	cps
Cadmium	108-1	1821	1725	1733	1760	3.02	cps
Calcium	43-1	2338790	2431571	2450956	2407106	2.49	cps
Calcium	44-1	38543486	38218753	39379681	38713973	1.55	cps
Carbon	12-1	8954425	9037371	9076391	9022729	0.69	cps
Carbon	12-2	93387	92884	89706	91993	2.17	cps
Chlorine	35-1	35625424	38186021	39852757	37888067	5.62	cps
Chlorine	35-2	264553	264104	269720	266126	1.17	cps
Chromium	52-2	63353	62131	61421	62302	1.57	cps
Cobalt	59-2	81365	79819	78994	80059	1.50	cps
Copper	63-2	732544	740417	709666	727542	2.20	cps
Dysprosium	156-1	47787	49066	49609	48821	1.92	cps
Dysprosium	156-2	18416	17482	17535	17811	2.95	cps
Erbium	164-1	39226	38975	37688	38629	2.14	cps
Erbium	164-2	14979	15052	14405	14812	2.39	cps
Gadolinium	160-1	43087	41900	42084	42357	1.51	cps
Gadolinium	160-2	18476	18166	18029	18224	1.26	cps
Holmium	165-1	5606372	5712095	5589677	5636048	1.18	cps
Holmium	165-2	2371402	2300897	2316561	2329620	1.59	cps
Indium	115-1	4741558	4811226	4607432	4720072	2.19	cps
Indium	115-2	688600	698752	679654	689002	1.39	cps
Iron	54-2	8226379	7966303	7776965	7989882	2.82	cps
Iron	56-2	149222742	144799375	142155575	145392564	2.46	cps
Iron	57-2	3790351	3586903	3624501	3667252	2.95	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-05	Instrumnet Name :	P8
Client Sample ID :	MH24K9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:32:31	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	497	492	460	483	4.21	cps
Lead	206-1	3792012	3750560	3701617	3748063	1.21	cps
Lead	207-1	3283026	3210918	3228385	3240776	1.16	cps
Lead	208-1	14916016	14656024	14694962	14755667	0.95	cps
Lithium	6-1	3138540	3157216	3184061	3159939	0.72	cps
Magnesium	24-2	1566264	1530823	1492342	1529810	2.42	cps
Manganese	55-2	2698349	2681966	2603035	2661117	1.92	cps
Molybdenum	94-1	17937	18596	17904	18146	2.15	cps
Molybdenum	95-1	16786	17845	17528	17386	3.13	cps
Molybdenum	96-1	24531	24530	24731	24597	0.47	cps
Molybdenum	97-1	10237	11180	10788	10735	4.41	cps
Molybdenum	98-1	27378	27687	26977	27347	1.30	cps
Neodymium	150-1	73400	73655	72167	73074	1.09	cps
Neodymium	150-2	21414	21080	19992	20829	3.57	cps
Nickel	60-2	81253	79474	77517	79415	2.35	cps
Phosphorus	31-2	10521	10054	10062	10212	2.62	cps
Potassium	39-2	507257	496105	499354	500905	1.15	cps
Rhodium	103-1	4754667	4657432	4773973	4728691	1.32	cps
Rhodium	103-2	1931988	1959234	1931834	1941018	0.81	cps
Scandium	45-1	3970251	4014278	4049856	4011462	0.99	cps
Scandium	45-2	111449	114492	114465	113469	1.54	cps
Selenium	82-1	385	326	431	381	13.82	cps
Selenium	77-2	47	57	80	61	27.99	cps
Selenium	78-2	124	119	131	125	4.83	cps
Silicon	28-1	4360819	4379553	4406615	4382329	0.53	cps
Silver	107-1	37928	38513	38922	38454	1.30	cps
Silver	109-1	37026	36566	37042	36878	0.73	cps
Sodium	23-2	175021	173263	169985	172756	1.48	cps
Strontium	86-1	840195	828062	822733	830330	1.08	cps
Strontium	88-1	7342393	7121230	7257622	7240415	1.54	cps
Sulfur	34-1	430806	429514	429936	430085	0.15	cps
Terbium	159-1	5773269	5787575	5779960	5780268	0.12	cps
Terbium	159-2	2343078	2347057	2338225	2342787	0.19	cps
Thallium	203-1	4709	5318	4784	4937	6.72	cps
Thallium	205-1	11414	11789	11964	11722	2.40	cps
Tin	118-1	133288	133905	131950	133048	0.75	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-05	Instrumnet Name :	P8
Client Sample ID :	MH24K9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:32:31	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	289868	295140	289340	291449	1.10	cps
Uranium	238-1	57305	56904	57439	57216	0.49	cps
Vanadium	51-2	153185	149724	145758	149556	2.48	cps
Ytterbium	172-1	11864	12022	11372	11753	2.89	cps
Ytterbium	172-2	5262	5123	4723	5036	5.56	cps
Ytterbium	176-1	7969	8144	7427	7847	4.76	cps
Ytterbium	176-2	9259	9287	8720	9088	3.52	cps
Yttrium	89-1	8629585	8556462	8604898	8596981	0.43	cps
Yttrium	89-2	841963	838048	830750	836920	0.68	cps
Zinc	66-2	861574	881704	842416	861898	2.28	cps
Zirconium	90-1	22410	22502	22218	22377	0.65	cps
Zirconium	91-1	5126	4634	4959	4907	5.10	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-06	Instrumnet Name :	P8
Client Sample ID :	MH24L0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:35:32	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1000798	980687	962757	981414	1.94	cps
Antimony	121-1	16444	15768	15050	15754	4.42	cps
Arsenic	75-2	4230	4200	4051	4160	2.31	cps
Barium	135-1	664801	644008	641338	650049	1.98	cps
Barium	137-1	1145397	1156531	1121456	1141128	1.57	cps
Beryllium	9-1	6074	5889	5997	5987	1.55	cps
Bismuth	209-1	3287403	3216417	3273331	3259051	1.15	cps
Bismuth	209-2	1610070	1606004	1579070	1598381	1.05	cps
Boron	10-1	12589	12805	12835	12743	1.05	cps
Boron	11-1	59935	59614	60434	59994	0.69	cps
Bromine	81-1	42397	44045	44135	43526	2.25	cps
Cadmium	111-1	14711	15199	14590	14833	2.17	cps
Cadmium	106-1	3451	3909	3776	3712	6.35	cps
Cadmium	108-1	950	950	1013	971	3.72	cps
Calcium	43-1	1965952	2019486	1965156	1983531	1.57	cps
Calcium	44-1	31143307	32096579	31290591	31510159	1.63	cps
Carbon	12-1	7167503	7281359	7351257	7266706	1.28	cps
Carbon	12-2	76156	74732	75754	75547	0.97	cps
Chlorine	35-1	31739094	33645774	34990977	33458615	4.88	cps
Chlorine	35-2	234976	237313	240873	237721	1.25	cps
Chromium	52-2	48352	46736	45964	47017	2.59	cps
Cobalt	59-2	59588	59109	57459	58718	1.90	cps
Copper	63-2	457331	445628	452640	451866	1.30	cps
Dysprosium	156-1	41967	43438	42050	42485	1.95	cps
Dysprosium	156-2	16000	15783	14969	15584	3.49	cps
Erbium	164-1	35013	34613	33627	34418	2.07	cps
Erbium	164-2	13410	13110	13040	13187	1.49	cps
Gadolinium	160-1	37738	37879	37245	37621	0.89	cps
Gadolinium	160-2	16741	16180	15953	16291	2.49	cps
Holmium	165-1	5374685	5528648	5453891	5452408	1.41	cps
Holmium	165-2	2387065	2316317	2344176	2349186	1.52	cps
Indium	115-1	4832888	4787770	4731270	4783976	1.06	cps
Indium	115-2	688343	678184	690127	685551	0.94	cps
Iron	54-2	5595927	5446160	5231545	5424544	3.38	cps
Iron	56-2	99154236	98645291	95400283	97733270	2.08	cps
Iron	57-2	2568687	2507893	2518345	2531642	1.28	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-06	Instrumnet Name :	P8
Client Sample ID :	MH24L0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:35:32	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	444	454	470	456	2.91	cps
Lead	206-1	1895478	1902758	1913121	1903786	0.47	cps
Lead	207-1	1532978	1532364	1527538	1530960	0.19	cps
Lead	208-1	7400766	7285672	7386434	7357624	0.85	cps
Lithium	6-1	3116316	3140084	3094062	3116821	0.74	cps
Magnesium	24-2	1278607	1241450	1218335	1246131	2.44	cps
Manganese	55-2	1422004	1385445	1322674	1376708	3.65	cps
Molybdenum	94-1	15584	15567	15409	15520	0.62	cps
Molybdenum	95-1	13607	14258	13624	13829	2.68	cps
Molybdenum	96-1	19681	19497	18496	19225	3.32	cps
Molybdenum	97-1	8778	8561	7919	8419	5.31	cps
Molybdenum	98-1	22051	21008	22060	21706	2.79	cps
Neodymium	150-1	63417	64817	62921	63718	1.54	cps
Neodymium	150-2	18276	17809	17732	17939	1.64	cps
Nickel	60-2	79622	77483	76736	77947	1.92	cps
Phosphorus	31-2	8027	8203	8203	8144	1.24	cps
Potassium	39-2	434328	427231	420801	427453	1.58	cps
Rhodium	103-1	4703234	4513746	4802830	4673270	3.14	cps
Rhodium	103-2	1945178	1914706	1957110	1938998	1.13	cps
Scandium	45-1	3909565	3847953	3902015	3886511	0.86	cps
Scandium	45-2	114191	113589	114143	113974	0.29	cps
Selenium	82-1	321	332	315	323	2.75	cps
Selenium	77-2	70	63	53	62	13.48	cps
Selenium	78-2	119	112	108	113	4.93	cps
Silicon	28-1	3372624	3308514	3231961	3304366	2.13	cps
Silver	107-1	22185	22102	21459	21915	1.81	cps
Silver	109-1	22068	20916	20691	21225	3.48	cps
Sodium	23-2	241630	238302	232916	237616	1.85	cps
Strontium	86-1	699998	677952	672539	683496	2.13	cps
Strontium	88-1	5854337	5783486	5794728	5810850	0.66	cps
Sulfur	34-1	426298	431240	428753	428764	0.58	cps
Terbium	159-1	5703168	5785000	5726070	5738079	0.74	cps
Terbium	159-2	2367971	2350115	2241726	2319937	2.94	cps
Thallium	203-1	3459	3909	3401	3590	7.75	cps
Thallium	205-1	8720	8395	8311	8475	2.55	cps
Tin	118-1	62720	63365	60694	62259	2.24	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-06	Instrumnet Name :	P8
Client Sample ID :	MH24L0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:35:32	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	265838	264752	263797	264796	0.39	cps
Uranium	238-1	54301	53530	56451	54761	2.76	cps
Vanadium	51-2	132746	129068	126646	129487	2.37	cps
Ytterbium	172-1	10179	10346	10246	10257	0.82	cps
Ytterbium	172-2	4556	4429	4651	4545	2.45	cps
Ytterbium	176-1	7227	7777	6960	7322	5.69	cps
Ytterbium	176-2	8703	8670	8697	8690	0.21	cps
Yttrium	89-1	8416530	8420889	8483437	8440285	0.44	cps
Yttrium	89-2	837461	814190	815625	822425	1.59	cps
Zinc	66-2	373319	370811	364847	369659	1.18	cps
Zirconium	90-1	21150	21459	21910	21506	1.78	cps
Zirconium	91-1	4918	4618	4534	4690	4.30	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-07	Instrumnet Name :	P8
Client Sample ID :	MH24L1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:38:35	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1019816	992754	971616	994728	2.43	cps
Antimony	121-1	22544	22394	22093	22344	1.03	cps
Arsenic	75-2	4665	4696	4555	4639	1.60	cps
Barium	135-1	947211	977536	929065	951271	2.57	cps
Barium	137-1	1712941	1704889	1710706	1709512	0.24	cps
Beryllium	9-1	6326	6503	6473	6434	1.48	cps
Bismuth	209-1	3337789	3348852	3310193	3332278	0.60	cps
Bismuth	209-2	1612013	1573577	1606102	1597231	1.30	cps
Boron	10-1	30135	31465	31894	31165	2.94	cps
Boron	11-1	137055	138941	146186	140727	3.43	cps
Bromine	81-1	41303	42890	39938	41377	3.57	cps
Cadmium	111-1	18198	18088	18066	18117	0.39	cps
Cadmium	106-1	4259	4409	4684	4451	4.84	cps
Cadmium	108-1	1233	1363	1329	1308	5.13	cps
Calcium	43-1	2730023	2725847	2715092	2723654	0.28	cps
Calcium	44-1	44743318	43816022	43159574	43906305	1.81	cps
Carbon	12-1	17432443	17598202	17328307	17452984	0.78	cps
Carbon	12-2	178618	178035	172192	176281	2.02	cps
Chlorine	35-1	32071686	34211507	35159023	33814072	4.68	cps
Chlorine	35-2	236393	234764	235603	235587	0.35	cps
Chromium	52-2	115130	113984	110487	113200	2.14	cps
Cobalt	59-2	68457	67345	63622	66475	3.81	cps
Copper	63-2	441648	423641	416406	427232	3.04	cps
Dysprosium	156-1	44676	45169	43664	44503	1.73	cps
Dysprosium	156-2	16016	15763	15823	15867	0.84	cps
Erbium	164-1	34604	33944	34387	34312	0.98	cps
Erbium	164-2	13303	12773	12553	12876	3.00	cps
Gadolinium	160-1	38657	38415	36451	37841	3.20	cps
Gadolinium	160-2	16654	15716	15312	15894	4.33	cps
Holmium	165-1	5542449	5527075	5562563	5544029	0.32	cps
Holmium	165-2	2339346	2386520	2260888	2328918	2.72	cps
Indium	115-1	4926663	4933544	4777330	4879179	1.81	cps
Indium	115-2	681416	680528	669492	677145	0.98	cps
Iron	54-2	6941287	6724800	6492225	6719438	3.34	cps
Iron	56-2	124712692	121380553	116361528	120818257	3.48	cps
Iron	57-2	3208957	3069472	3008305	3095578	3.32	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-07	Instrumnet Name :	P8
Client Sample ID :	MH24L1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:38:35	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	455	435	485	458	5.49	cps
Lead	206-1	4567993	4648512	4747829	4654778	1.94	cps
Lead	207-1	3772147	3864061	3860897	3832368	1.36	cps
Lead	208-1	17589397	18031268	18044454	17888373	1.45	cps
Lithium	6-1	3139729	3132217	3172000	3147982	0.67	cps
Magnesium	24-2	1739150	1686949	1647035	1691045	2.73	cps
Manganese	55-2	2477072	2377603	2264057	2372910	4.49	cps
Molybdenum	94-1	18571	18463	18154	18396	1.18	cps
Molybdenum	95-1	21233	21701	21567	21500	1.12	cps
Molybdenum	96-1	29106	28463	27478	28349	2.89	cps
Molybdenum	97-1	13457	13215	12214	12962	5.08	cps
Molybdenum	98-1	33892	33516	32773	33394	1.71	cps
Neodymium	150-1	65948	66760	66725	66478	0.69	cps
Neodymium	150-2	18443	19014	18313	18590	2.01	cps
Nickel	60-2	59521	56469	55327	57105	3.80	cps
Phosphorus	31-2	21375	20799	19939	20704	3.49	cps
Potassium	39-2	727169	694870	689756	703932	2.88	cps
Rhodium	103-1	4628969	4629790	4600779	4619846	0.36	cps
Rhodium	103-2	2003371	1891560	1931319	1942083	2.92	cps
Scandium	45-1	3894787	3915797	3810298	3873627	1.44	cps
Scandium	45-2	113038	111197	109229	111155	1.71	cps
Selenium	82-1	445	479	426	450	5.91	cps
Selenium	77-2	43	87	73	68	32.75	cps
Selenium	78-2	120	126	119	122	3.11	cps
Silicon	28-1	4139260	3844483	3843135	3942292	4.33	cps
Silver	107-1	23103	23137	24088	23443	2.39	cps
Silver	109-1	22344	21868	22127	22113	1.08	cps
Sodium	23-2	290492	282452	281504	284816	1.73	cps
Strontium	86-1	1045726	1034361	1019319	1033135	1.28	cps
Strontium	88-1	8645015	8986825	8842331	8824723	1.94	cps
Sulfur	34-1	505190	508968	500701	504953	0.82	cps
Terbium	159-1	5766215	5811093	5675879	5751062	1.20	cps
Terbium	159-2	2320925	2252072	2232748	2268582	2.04	cps
Thallium	203-1	3267	3100	3167	3178	2.64	cps
Thallium	205-1	7519	7903	7327	7583	3.86	cps
Tin	118-1	139635	133305	132509	135150	2.89	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-07	Instrumnet Name :	P8
Client Sample ID :	MH24L1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:38:35	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242567	232411	236129	237036	2.17	cps
Uranium	238-1	61140	57214	57523	58626	3.72	cps
Vanadium	51-2	134812	132898	126322	131344	3.39	cps
Ytterbium	172-1	10204	10529	10388	10374	1.57	cps
Ytterbium	172-2	4456	4290	4390	4379	1.92	cps
Ytterbium	176-1	7486	6794	6977	7085	5.06	cps
Ytterbium	176-2	7980	8709	8353	8347	4.36	cps
Yttrium	89-1	8479161	8673844	8543024	8565343	1.16	cps
Yttrium	89-2	837330	818873	815161	823788	1.44	cps
Zinc	66-2	957630	945368	901169	934722	3.18	cps
Zirconium	90-1	17828	16827	16335	16997	4.48	cps
Zirconium	91-1	3801	3826	3701	3776	1.75	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-08	Instrumnet Name :	P8
Client Sample ID :	MH24L2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:41:35	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1034428	1013336	979197	1008987	2.76	cps
Antimony	121-1	22711	23462	23696	23290	2.21	cps
Arsenic	75-2	5256	5264	4944	5154	3.53	cps
Barium	135-1	840938	819572	826653	829054	1.31	cps
Barium	137-1	1449761	1424747	1432027	1435512	0.90	cps
Beryllium	9-1	6594	6511	6263	6456	2.67	cps
Bismuth	209-1	3284999	3342812	3414346	3347386	1.94	cps
Bismuth	209-2	1649293	1626533	1637752	1637859	0.69	cps
Boron	10-1	23126	23458	24017	23533	1.91	cps
Boron	11-1	103289	106784	106072	105381	1.75	cps
Bromine	81-1	41675	40460	40902	41012	1.50	cps
Cadmium	111-1	20026	19445	19948	19806	1.59	cps
Cadmium	106-1	4543	4292	4459	4431	2.87	cps
Cadmium	108-1	1475	1388	1467	1443	3.35	cps
Calcium	43-1	2891924	2836462	2872636	2867007	0.98	cps
Calcium	44-1	46900419	45566738	46647199	46371452	1.53	cps
Carbon	12-1	10958939	10994316	10975842	10976366	0.16	cps
Carbon	12-2	114847	113999	112058	113634	1.26	cps
Chlorine	35-1	36017686	38066576	39513381	37865881	4.64	cps
Chlorine	35-2	266028	269863	269525	268472	0.79	cps
Chromium	52-2	89273	85836	84763	86624	2.72	cps
Cobalt	59-2	79561	75222	73921	76234	3.87	cps
Copper	63-2	539199	533116	517006	529774	2.16	cps
Dysprosium	156-1	47945	47402	47402	47583	0.66	cps
Dysprosium	156-2	16941	17458	17118	17172	1.53	cps
Erbium	164-1	36100	36301	36601	36334	0.69	cps
Erbium	164-2	13720	13394	13427	13514	1.33	cps
Gadolinium	160-1	41114	41315	41374	41268	0.33	cps
Gadolinium	160-2	17498	16867	16564	16977	2.81	cps
Holmium	165-1	5664397	5601976	5747692	5671355	1.29	cps
Holmium	165-2	2369907	2447359	2376354	2397873	1.79	cps
Indium	115-1	4678877	4918179	4902037	4833031	2.77	cps
Indium	115-2	701851	685363	681406	689540	1.57	cps
Iron	54-2	7664287	7444791	7421836	7510305	1.78	cps
Iron	56-2	136881298	133810767	130753600	133815222	2.29	cps
Iron	57-2	3557270	3532384	3385682	3491778	2.66	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-08	Instrumnet Name :	P8
Client Sample ID :	MH24L2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:41:35	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	496	455	436	462	6.64	cps
Lead	206-1	4384857	4442087	4392150	4406365	0.71	cps
Lead	207-1	3647755	3701355	3752400	3700503	1.41	cps
Lead	208-1	16770219	17149458	17252346	17057341	1.49	cps
Lithium	6-1	3079998	3104141	3122942	3102360	0.69	cps
Magnesium	24-2	1671448	1669391	1597997	1646279	2.54	cps
Manganese	55-2	2593256	2544501	2464132	2533963	2.57	cps
Molybdenum	94-1	17320	17461	18079	17620	2.29	cps
Molybdenum	95-1	21984	21659	22268	21971	1.39	cps
Molybdenum	96-1	29532	30442	29590	29855	1.71	cps
Molybdenum	97-1	13432	13415	13807	13551	1.64	cps
Molybdenum	98-1	34393	33191	33683	33756	1.79	cps
Neodymium	150-1	72349	72764	75338	73484	2.20	cps
Neodymium	150-2	20459	21257	20599	20772	2.05	cps
Nickel	60-2	74474	72273	67452	71400	5.03	cps
Phosphorus	31-2	15016	15442	13899	14786	5.39	cps
Potassium	39-2	611877	606003	588394	602092	2.03	cps
Rhodium	103-1	4829993	4781282	4876480	4829252	0.99	cps
Rhodium	103-2	2004271	1935175	1891108	1943518	2.93	cps
Scandium	45-1	4032692	3979023	4038432	4016716	0.82	cps
Scandium	45-2	116203	117133	111872	115069	2.44	cps
Selenium	82-1	319	366	425	370	14.38	cps
Selenium	77-2	93	63	57	71	27.46	cps
Selenium	78-2	138	148	123	136	9.23	cps
Silicon	28-1	5618876	5581619	5735343	5645279	1.42	cps
Silver	107-1	26217	25716	24814	25583	2.78	cps
Silver	109-1	23997	24932	23796	24241	2.50	cps
Sodium	23-2	205748	200602	197639	201329	2.04	cps
Strontium	86-1	910835	915299	891214	905783	1.41	cps
Strontium	88-1	7908867	7578692	7727953	7738504	2.14	cps
Sulfur	34-1	459463	462703	459729	460631	0.39	cps
Terbium	159-1	5905890	5715227	5807684	5809600	1.64	cps
Terbium	159-2	2436749	2327111	2309337	2357733	2.93	cps
Thallium	203-1	3784	3859	4026	3890	3.18	cps
Thallium	205-1	9003	9295	9212	9170	1.64	cps
Tin	118-1	105213	108310	107749	107091	1.54	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-08	Instrumnet Name :	P8
Client Sample ID :	MH24L2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:41:35	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283710	276453	280127	280097	1.30	cps
Uranium	238-1	52962	56644	54736	54781	3.36	cps
Vanadium	51-2	153596	150878	146929	150468	2.23	cps
Ytterbium	172-1	10463	10304	10338	10368	0.81	cps
Ytterbium	172-2	4990	4907	4395	4764	6.76	cps
Ytterbium	176-1	7753	7369	7461	7527	2.66	cps
Ytterbium	176-2	9392	8447	9220	9020	5.58	cps
Yttrium	89-1	8690833	8503107	8660851	8618264	1.17	cps
Yttrium	89-2	845015	841039	814948	833667	1.96	cps
Zinc	66-2	969393	953189	946846	956476	1.22	cps
Zirconium	90-1	16464	14975	14834	15424	5.86	cps
Zirconium	91-1	3576	3517	3325	3473	3.77	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-09	Instrumnet Name :	P8
Client Sample ID :	MH24L3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:44:38	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1141837	1131720	1130473	1134676	0.55	cps
Antimony	121-1	22853	21426	21676	21985	3.47	cps
Arsenic	75-2	4680	4835	4577	4698	2.77	cps
Barium	135-1	835057	838250	833091	835466	0.31	cps
Barium	137-1	1476289	1467210	1443225	1462242	1.17	cps
Beryllium	9-1	6985	6891	6703	6859	2.09	cps
Bismuth	209-1	3373752	3183074	3389290	3315372	3.46	cps
Bismuth	209-2	1675317	1654971	1606831	1645706	2.14	cps
Boron	10-1	23798	23935	23634	23789	0.63	cps
Boron	11-1	107788	111240	111769	110266	1.96	cps
Bromine	81-1	43934	45119	44235	44429	1.39	cps
Cadmium	111-1	15221	15151	15703	15358	1.96	cps
Cadmium	106-1	4259	4284	4384	4309	1.54	cps
Cadmium	108-1	1250	1125	1146	1174	5.71	cps
Calcium	43-1	3053014	3078475	3013433	3048308	1.08	cps
Calcium	44-1	50346258	49471211	49139229	49652233	1.26	cps
Carbon	12-1	8470655	8612908	8596046	8559870	0.91	cps
Carbon	12-2	88072	86278	86530	86960	1.12	cps
Chlorine	35-1	33879865	35790417	37128270	35599517	4.59	cps
Chlorine	35-2	255445	246169	249652	250422	1.87	cps
Chromium	52-2	67843	65938	64930	66237	2.23	cps
Cobalt	59-2	70752	68219	66990	68654	2.79	cps
Copper	63-2	449305	441684	432616	441202	1.89	cps
Dysprosium	156-1	48807	48505	46189	47834	2.99	cps
Dysprosium	156-2	17355	17205	16484	17014	2.74	cps
Erbium	164-1	39058	37822	36835	37905	2.94	cps
Erbium	164-2	14548	13784	13721	14018	3.29	cps
Gadolinium	160-1	42352	41515	39208	41025	3.97	cps
Gadolinium	160-2	17749	17171	17114	17345	2.02	cps
Holmium	165-1	5669408	5620390	5622669	5637489	0.49	cps
Holmium	165-2	2385830	2366388	2430808	2394342	1.38	cps
Indium	115-1	4985544	4860408	4837356	4894436	1.63	cps
Indium	115-2	699394	690977	690622	693664	0.72	cps
Iron	54-2	6183791	5967416	5841244	5997483	2.89	cps
Iron	56-2	111423552	107802333	109136133	109454006	1.67	cps
Iron	57-2	2846031	2694712	2774313	2771685	2.73	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-09	Instrumnet Name :	P8
Client Sample ID :	MH24L3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:44:38	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	459	464	460	461	0.56	cps
Lead	206-1	3166001	3104479	3181998	3150826	1.30	cps
Lead	207-1	2641299	2510094	2645542	2598978	2.96	cps
Lead	208-1	12074736	11784626	12384512	12081291	2.48	cps
Lithium	6-1	3238503	3176622	3159751	3191625	1.30	cps
Magnesium	24-2	1549976	1505583	1494429	1516663	1.94	cps
Manganese	55-2	1749338	1703866	1664292	1705832	2.49	cps
Molybdenum	94-1	19047	19898	18888	19278	2.82	cps
Molybdenum	95-1	18972	19581	19055	19203	1.72	cps
Molybdenum	96-1	25716	25491	25240	25482	0.93	cps
Molybdenum	97-1	11981	10488	12147	11538	7.92	cps
Molybdenum	98-1	29557	29925	29323	29602	1.02	cps
Neodymium	150-1	74533	72819	71792	73048	1.90	cps
Neodymium	150-2	20322	20102	19594	20006	1.87	cps
Nickel	60-2	65915	65761	63813	65163	1.80	cps
Phosphorus	31-2	10262	10237	10871	10457	3.43	cps
Potassium	39-2	534093	514645	516260	521666	2.07	cps
Rhodium	103-1	4806510	4797405	4676311	4760075	1.53	cps
Rhodium	103-2	1917196	1997269	1954389	1956284	2.05	cps
Scandium	45-1	4138233	3894211	3897215	3976553	3.52	cps
Scandium	45-2	114284	114213	114449	114315	0.11	cps
Selenium	82-1	365	440	354	386	12.14	cps
Selenium	77-2	80	73	93	82	12.39	cps
Selenium	78-2	143	110	113	122	14.96	cps
Silicon	28-1	4595950	4569277	4763345	4642857	2.27	cps
Silver	107-1	20341	21175	20883	20800	2.04	cps
Silver	109-1	20199	20282	19823	20101	1.22	cps
Sodium	23-2	267382	261789	258111	262428	1.78	cps
Strontium	86-1	905485	906864	892062	901470	0.91	cps
Strontium	88-1	7876211	7524901	7711222	7704112	2.28	cps
Sulfur	34-1	463442	462544	458347	461444	0.59	cps
Terbium	159-1	5946706	5767158	5795517	5836460	1.65	cps
Terbium	159-2	2318352	2345796	2358194	2340781	0.87	cps
Thallium	203-1	3792	3576	3367	3578	5.94	cps
Thallium	205-1	8770	8745	8278	8598	3.22	cps
Tin	118-1	121018	120229	121017	120755	0.38	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-09	Instrumnet Name :	P8
Client Sample ID :	MH24L3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:44:38	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	315859	316091	317913	316621	0.36	cps
Uranium	238-1	60412	60755	60587	60585	0.28	cps
Vanadium	51-2	152514	149224	146125	149288	2.14	cps
Ytterbium	172-1	11338	11422	11238	11333	0.81	cps
Ytterbium	172-2	5112	4934	5051	5033	1.80	cps
Ytterbium	176-1	7761	8328	7527	7872	5.23	cps
Ytterbium	176-2	8775	8931	9270	8992	2.81	cps
Yttrium	89-1	8733579	8414622	8580556	8576253	1.86	cps
Yttrium	89-2	833417	832325	835909	833884	0.22	cps
Zinc	66-2	642868	645262	631663	639931	1.13	cps
Zirconium	90-1	21584	23237	22318	22380	3.70	cps
Zirconium	91-1	5393	4701	5009	5034	6.89	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-10	Instrumnet Name :	P8
Client Sample ID :	MH24L4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:47:38	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1217044	1180518	1172162	1189908	2.01	cps
Antimony	121-1	22219	22778	22010	22336	1.78	cps
Arsenic	75-2	5634	5513	5394	5513	2.18	cps
Barium	135-1	763258	762216	770065	765180	0.56	cps
Barium	137-1	1342898	1335251	1331697	1336615	0.43	cps
Beryllium	9-1	7545	7427	7353	7442	1.30	cps
Bismuth	209-1	3223649	3305111	3225584	3251448	1.43	cps
Bismuth	209-2	1671740	1668173	1562109	1634007	3.81	cps
Boron	10-1	24796	25461	25669	25309	1.80	cps
Boron	11-1	114219	116838	118463	116506	1.84	cps
Bromine	81-1	45029	44978	44416	44808	0.76	cps
Cadmium	111-1	19862	18287	19003	19050	4.14	cps
Cadmium	106-1	4384	4201	4484	4356	3.30	cps
Cadmium	108-1	1217	1400	1275	1297	7.22	cps
Calcium	43-1	2917161	2954592	2966421	2946058	0.87	cps
Calcium	44-1	48143791	47601981	47832411	47859394	0.57	cps
Carbon	12-1	7696679	7763161	7826071	7761970	0.83	cps
Carbon	12-2	79641	78786	79942	79456	0.75	cps
Chlorine	35-1	37297714	39205188	41142625	39215176	4.90	cps
Chlorine	35-2	276658	272084	270342	273028	1.19	cps
Chromium	52-2	55551	53503	52794	53949	2.65	cps
Cobalt	59-2	71770	68494	69522	69929	2.40	cps
Copper	63-2	595547	582735	574634	584306	1.80	cps
Dysprosium	156-1	48715	49802	49058	49192	1.13	cps
Dysprosium	156-2	17689	17391	16968	17349	2.09	cps
Erbium	164-1	38624	40128	37437	38730	3.48	cps
Erbium	164-2	14878	14438	14061	14459	2.83	cps
Gadolinium	160-1	42034	42786	42059	42293	1.01	cps
Gadolinium	160-2	17999	17669	17371	17680	1.78	cps
Holmium	165-1	5548020	5636036	5516855	5566970	1.11	cps
Holmium	165-2	2358529	2368349	2332225	2353034	0.79	cps
Indium	115-1	4786706	4868619	4915922	4857083	1.35	cps
Indium	115-2	691790	691525	683850	689055	0.65	cps
Iron	54-2	6780827	6541897	6480428	6601051	2.40	cps
Iron	56-2	121311164	114993191	114981091	117095149	3.12	cps
Iron	57-2	3108615	2947999	3003558	3020057	2.70	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-10	Instrumnet Name :	P8
Client Sample ID :	MH24L4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:47:38	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	496	457	494	482	4.50	cps
Lead	206-1	3060126	3101121	3062173	3074473	0.75	cps
Lead	207-1	2657587	2589349	2588976	2611970	1.51	cps
Lead	208-1	12032395	12089407	12002681	12041494	0.37	cps
Lithium	6-1	3095543	3113729	3160262	3123178	1.07	cps
Magnesium	24-2	1450489	1438296	1427355	1438714	0.80	cps
Manganese	55-2	1848714	1789093	1778724	1805510	2.09	cps
Molybdenum	94-1	20148	19748	19439	19778	1.80	cps
Molybdenum	95-1	18988	18755	18346	18696	1.74	cps
Molybdenum	96-1	25658	25666	25424	25582	0.54	cps
Molybdenum	97-1	11480	11555	11105	11380	2.12	cps
Molybdenum	98-1	28739	28204	28939	28627	1.33	cps
Neodymium	150-1	72214	72603	71639	72152	0.67	cps
Neodymium	150-2	20529	20012	19478	20006	2.63	cps
Nickel	60-2	99297	95300	96176	96924	2.17	cps
Phosphorus	31-2	11029	11038	10613	10893	2.23	cps
Potassium	39-2	539500	537259	519266	532008	2.08	cps
Rhodium	103-1	4667787	4772741	4737243	4725924	1.13	cps
Rhodium	103-2	1951176	1929306	1930463	1936982	0.64	cps
Scandium	45-1	3895502	4044467	4085897	4008622	2.50	cps
Scandium	45-2	115534	114556	111449	113846	1.87	cps
Selenium	82-1	319	389	360	356	9.89	cps
Selenium	77-2	90	90	87	89	2.16	cps
Selenium	78-2	118	115	122	118	2.97	cps
Silicon	28-1	4981280	4809610	4858801	4883231	1.81	cps
Silver	107-1	30384	31044	29649	30359	2.30	cps
Silver	109-1	28714	28764	28864	28781	0.27	cps
Sodium	23-2	358689	357675	353311	356558	0.80	cps
Strontium	86-1	919032	928003	923955	923663	0.49	cps
Strontium	88-1	7899039	7763041	7935130	7865737	1.15	cps
Sulfur	34-1	624313	623764	624741	624273	0.08	cps
Terbium	159-1	5766813	5828990	5783586	5793130	0.56	cps
Terbium	159-2	2360963	2295009	2293822	2316598	1.66	cps
Thallium	203-1	4318	3951	4643	4304	8.04	cps
Thallium	205-1	10054	9796	10638	10163	4.25	cps
Tin	118-1	118503	116143	115328	116658	1.41	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-10	Instrumnet Name :	P8
Client Sample ID :	MH24L4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:47:38	DataFile Name :	070AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	324556	336635	332922	331371	1.87	cps
Uranium	238-1	78200	77280	75207	76896	1.99	cps
Vanadium	51-2	152878	146409	146347	148545	2.53	cps
Ytterbium	172-1	12598	11906	11489	11997	4.67	cps
Ytterbium	172-2	5624	5323	5073	5340	5.16	cps
Ytterbium	176-1	7677	8536	7736	7983	6.01	cps
Ytterbium	176-2	8953	9053	8697	8901	2.06	cps
Yttrium	89-1	8670341	8630934	8690077	8663784	0.35	cps
Yttrium	89-2	849360	825511	817758	830876	1.98	cps
Zinc	66-2	530734	521740	505807	519427	2.43	cps
Zirconium	90-1	27302	25290	26183	26259	3.84	cps
Zirconium	91-1	5643	5801	5943	5796	2.59	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-11	Instrumnet Name :	P8
Client Sample ID :	MH24L5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:50:37	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	891599	866443	855664	871235	2.12	cps
Antimony	121-1	89066	87262	87329	87886	1.16	cps
Arsenic	75-2	4738	4877	4808	4808	1.45	cps
Barium	135-1	645544	649027	645745	646772	0.30	cps
Barium	137-1	1126724	1134819	1128418	1129987	0.38	cps
Beryllium	9-1	4799	4654	4581	4678	2.37	cps
Bismuth	209-1	3221773	3368748	3351568	3314030	2.42	cps
Bismuth	209-2	1633201	1635622	1637461	1635428	0.13	cps
Boron	10-1	15313	15791	15711	15605	1.64	cps
Boron	11-1	70000	71450	71261	70904	1.11	cps
Bromine	81-1	40952	39747	39406	40035	2.03	cps
Cadmium	111-1	12291	12184	11844	12107	1.93	cps
Cadmium	106-1	3651	4226	3817	3898	7.59	cps
Cadmium	108-1	871	950	992	938	6.55	cps
Calcium	43-1	1382811	1341838	1349556	1358068	1.60	cps
Calcium	44-1	21721649	21548093	21657794	21642512	0.41	cps
Carbon	12-1	16798847	16999235	16981340	16926474	0.66	cps
Carbon	12-2	173710	171593	166097	170467	2.30	cps
Chlorine	35-1	33936458	35726603	37227615	35630225	4.62	cps
Chlorine	35-2	249177	247098	244710	246995	0.90	cps
Chromium	52-2	143093	138198	138107	139799	2.04	cps
Cobalt	59-2	45850	44302	43961	44705	2.25	cps
Copper	63-2	472900	465634	450633	463056	2.45	cps
Dysprosium	156-1	50354	50153	48807	49772	1.69	cps
Dysprosium	156-2	18142	17231	16784	17386	3.98	cps
Erbium	164-1	36701	36200	35974	36292	1.03	cps
Erbium	164-2	13897	13614	12456	13322	5.73	cps
Gadolinium	160-1	40605	41090	39727	40474	1.71	cps
Gadolinium	160-2	17966	17475	16707	17383	3.65	cps
Holmium	165-1	5518031	5628656	5747800	5631496	2.04	cps
Holmium	165-2	2369852	2350880	2371133	2363955	0.48	cps
Indium	115-1	4858111	4895372	4852720	4868734	0.48	cps
Indium	115-2	701125	684094	689879	691700	1.25	cps
Iron	54-2	3818937	3792221	3756524	3789227	0.83	cps
Iron	56-2	67678452	67253963	65768257	66900224	1.50	cps
Iron	57-2	1747746	1729481	1689556	1722261	1.73	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-11	Instrumnet Name :	P8
Client Sample ID :	MH24L5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:50:37	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	449	405	441	432	5.42	cps
Lead	206-1	10570089	10525974	10845865	10647309	1.63	cps
Lead	207-1	8487679	8418144	8378868	8428231	0.65	cps
Lead	208-1	40162668	40188183	39880476	40077109	0.43	cps
Lithium	6-1	3135733	3203999	3128430	3156054	1.32	cps
Magnesium	24-2	1292414	1257558	1205529	1251834	3.49	cps
Manganese	55-2	1166903	1125723	1110031	1134219	2.59	cps
Molybdenum	94-1	14783	15367	15259	15136	2.05	cps
Molybdenum	95-1	17328	16010	16460	16599	4.04	cps
Molybdenum	96-1	21434	21150	21209	21264	0.71	cps
Molybdenum	97-1	9895	10129	10029	10018	1.17	cps
Molybdenum	98-1	26476	25791	26501	26256	1.53	cps
Neodymium	150-1	76283	76672	77892	76949	1.09	cps
Neodymium	150-2	22279	21901	21264	21815	2.35	cps
Nickel	60-2	33062	32070	32317	32483	1.59	cps
Phosphorus	31-2	18020	17361	17461	17614	2.02	cps
Potassium	39-2	665740	662827	637958	655509	2.33	cps
Rhodium	103-1	4623834	4782497	4766819	4724383	1.85	cps
Rhodium	103-2	2039324	1965162	1950702	1985063	2.40	cps
Scandium	45-1	3910955	3988089	3941101	3946715	0.98	cps
Scandium	45-2	114405	112595	112718	113239	0.89	cps
Selenium	82-1	452	470	426	450	4.90	cps
Selenium	77-2	77	77	77	77	0.00	cps
Selenium	78-2	142	157	123	141	12.12	cps
Silicon	28-1	4704238	4714294	4678274	4698935	0.40	cps
Silver	107-1	14366	14316	14525	14402	0.76	cps
Silver	109-1	14108	13474	13974	13852	2.41	cps
Sodium	23-2	183929	170954	169970	174951	4.45	cps
Strontium	86-1	602546	602785	603938	603090	0.12	cps
Strontium	88-1	5157945	5011429	5274090	5147822	2.56	cps
Sulfur	34-1	489338	483878	485772	486329	0.57	cps
Terbium	159-1	5778346	6026761	5939960	5915022	2.13	cps
Terbium	159-2	2435052	2388591	2354312	2392652	1.69	cps
Thallium	203-1	2475	2309	2300	2361	4.18	cps
Thallium	205-1	5668	5585	5676	5643	0.90	cps
Tin	118-1	434205	427792	430083	430693	0.75	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-11	Instrumnet Name :	P8
Client Sample ID :	MH24L5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:50:37	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	249777	249241	247575	248864	0.46	cps
Uranium	238-1	51858	53598	52944	52800	1.66	cps
Vanadium	51-2	107017	102783	103867	104556	2.10	cps
Ytterbium	172-1	10187	10571	9529	10096	5.22	cps
Ytterbium	172-2	4468	4656	4512	4545	2.17	cps
Ytterbium	176-1	6952	6794	7119	6955	2.34	cps
Ytterbium	176-2	8475	8242	8831	8516	3.48	cps
Yttrium	89-1	8409606	8312717	8700258	8474193	2.38	cps
Yttrium	89-2	846181	832685	827024	835296	1.18	cps
Zinc	66-2	413425	405805	393466	404232	2.49	cps
Zirconium	90-1	16844	15901	16135	16293	3.01	cps
Zirconium	91-1	3442	3492	3867	3601	6.45	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-12	Instrumnet Name :	P8
Client Sample ID :	MH24L6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:53:38	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	993579	959877	951711	968389	2.29	cps
Antimony	121-1	789383	788297	785565	787748	0.25	cps
Arsenic	75-2	8308	8134	7880	8107	2.66	cps
Barium	135-1	1068576	1081226	1046946	1065583	1.63	cps
Barium	137-1	1909213	1843053	1849582	1867283	1.95	cps
Beryllium	9-1	5442	5155	5207	5268	2.90	cps
Bismuth	209-1	3289436	3266979	3218255	3258223	1.12	cps
Bismuth	209-2	1721855	1609180	1702528	1677854	3.59	cps
Boron	10-1	12873	12319	12887	12693	2.55	cps
Boron	11-1	56984	57825	58672	57827	1.46	cps
Bromine	81-1	41373	42669	43734	42592	2.78	cps
Cadmium	111-1	26348	25811	24614	25591	3.47	cps
Cadmium	106-1	5576	4943	4801	5107	8.09	cps
Cadmium	108-1	1596	1771	1908	1758	8.91	cps
Calcium	43-1	1326077	1326843	1302833	1318584	1.03	cps
Calcium	44-1	21373380	20759901	20952369	21028550	1.49	cps
Carbon	12-1	10344785	10432652	10286706	10354714	0.71	cps
Carbon	12-2	104546	103422	102674	103547	0.91	cps
Chlorine	35-1	32839649	34654731	35642176	34378852	4.13	cps
Chlorine	35-2	243654	242529	244430	243538	0.39	cps
Chromium	52-2	103096	100810	101907	101938	1.12	cps
Cobalt	59-2	50081	49740	48268	49363	1.95	cps
Copper	63-2	2533515	2384780	2415343	2444546	3.21	cps
Dysprosium	156-1	45127	47026	43338	45163	4.08	cps
Dysprosium	156-2	16764	16440	16287	16497	1.48	cps
Erbium	164-1	35439	34019	34011	34490	2.38	cps
Erbium	164-2	13464	12760	12182	12802	5.01	cps
Gadolinium	160-1	38247	38975	37420	38214	2.04	cps
Gadolinium	160-2	17131	16697	16016	16615	3.38	cps
Holmium	165-1	5724015	5479323	5625382	5609573	2.19	cps
Holmium	165-2	2527063	2411247	2362057	2433455	3.48	cps
Indium	115-1	4672425	4842544	4879560	4798176	2.30	cps
Indium	115-2	689894	691951	686232	689359	0.42	cps
Iron	54-2	4464156	4244148	4245092	4317799	2.94	cps
Iron	56-2	79054341	76201927	74896188	76717485	2.77	cps
Iron	57-2	2016812	1969591	1951687	1979363	1.70	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-12	Instrumnet Name :	P8
Client Sample ID :	MH24L6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:53:38	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	491	412	436	447	9.04	cps
Lead	206-1	79583366	79236013	77832255	78883878	1.18	cps
Lead	207-1	62985883	61766814	63900936	62884544	1.70	cps
Lead	208-1	299459919	298606391	299105433	299057248	0.14	cps
Lithium	6-1	3217229	3065944	3155818	3146330	2.42	cps
Magnesium	24-2	1144379	1115291	1100579	1120083	1.99	cps
Manganese	55-2	1172534	1169835	1136911	1159760	1.71	cps
Molybdenum	94-1	19047	19890	19631	19522	2.21	cps
Molybdenum	95-1	19723	19339	19147	19403	1.51	cps
Molybdenum	96-1	25207	24748	24789	24915	1.02	cps
Molybdenum	97-1	12047	12197	12256	12167	0.88	cps
Molybdenum	98-1	30167	31520	29891	30526	2.86	cps
Neodymium	150-1	71296	71283	69339	70639	1.59	cps
Neodymium	150-2	20683	20543	19558	20261	3.03	cps
Nickel	60-2	44466	42022	43058	43182	2.84	cps
Phosphorus	31-2	12923	12739	12606	12756	1.25	cps
Potassium	39-2	520238	510963	502080	511094	1.78	cps
Rhodium	103-1	4785920	4848410	4814058	4816129	0.65	cps
Rhodium	103-2	2036294	2026262	2041125	2034560	0.37	cps
Scandium	45-1	4013506	4014559	4055933	4027999	0.60	cps
Scandium	45-2	117257	117398	115968	116875	0.67	cps
Selenium	82-1	514	630	512	552	12.22	cps
Selenium	77-2	63	63	73	67	8.66	cps
Selenium	78-2	146	125	136	136	7.75	cps
Silicon	28-1	4503719	4374670	4416242	4431544	1.49	cps
Silver	107-1	27236	27520	27061	27272	0.85	cps
Silver	109-1	25875	26610	26518	26334	1.52	cps
Sodium	23-2	171258	170186	167407	169617	1.17	cps
Strontium	86-1	666234	665868	647487	659863	1.62	cps
Strontium	88-1	5702200	5747363	5734297	5727953	0.41	cps
Sulfur	34-1	515547	509698	520118	515121	1.01	cps
Terbium	159-1	5693649	5769914	5707267	5723610	0.71	cps
Terbium	159-2	2447953	2370963	2356035	2391651	2.06	cps
Thallium	203-1	3476	3292	3526	3431	3.58	cps
Thallium	205-1	7961	8770	7936	8222	5.77	cps
Tin	118-1	4780644	4882769	4776502	4813305	1.25	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-12	Instrumnet Name :	P8
Client Sample ID :	MH24L6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:53:38	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	304942	302824	301077	302948	0.64	cps
Uranium	238-1	59123	56284	57841	57749	2.46	cps
Vanadium	51-2	113396	112620	110711	112242	1.23	cps
Ytterbium	172-1	10488	9987	9879	10118	3.21	cps
Ytterbium	172-2	4495	4490	4429	4471	0.83	cps
Ytterbium	176-1	6852	6835	7219	6969	3.11	cps
Ytterbium	176-2	8531	7864	8436	8277	4.36	cps
Yttrium	89-1	8586921	8602694	8420033	8536550	1.19	cps
Yttrium	89-2	856650	848190	844861	849900	0.72	cps
Zinc	66-2	762854	725532	718828	735738	3.22	cps
Zirconium	90-1	22945	22126	22652	22574	1.84	cps
Zirconium	91-1	5443	5268	5026	5246	3.99	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-13	Instrumnet Name :	P8
Client Sample ID :	MH24L7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:56:40	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1431130	1480257	1347409	1419599	4.73	cps
Antimony	121-1	314225	324006	311771	316667	2.04	cps
Arsenic	75-2	8503	8314	7982	8267	3.19	cps
Barium	135-1	2173134	2208374	2142325	2174611	1.52	cps
Barium	137-1	3853335	3877564	3744683	3825194	1.85	cps
Beryllium	9-1	9225	9200	9004	9143	1.33	cps
Bismuth	209-1	3276888	3306577	3209108	3264191	1.53	cps
Bismuth	209-2	1575638	1677948	1610669	1621419	3.21	cps
Boron	10-1	20416	20897	21513	20942	2.63	cps
Boron	11-1	92422	94001	96806	94410	2.35	cps
Bromine	81-1	42910	42789	42438	42712	0.57	cps
Cadmium	111-1	29314	29484	28983	29260	0.87	cps
Cadmium	106-1	5526	5668	6018	5737	4.41	cps
Cadmium	108-1	2259	2175	2067	2167	4.44	cps
Calcium	43-1	4305567	4357536	4313751	4325618	0.65	cps
Calcium	44-1	70310491	71337300	71489614	71045802	0.90	cps
Carbon	12-1	8112170	8234249	8300462	8215627	1.16	cps
Carbon	12-2	84099	84459	82942	83833	0.95	cps
Chlorine	35-1	33786948	36219185	37342506	35782880	5.08	cps
Chlorine	35-2	256002	255580	250905	254162	1.11	cps
Chromium	52-2	111881	109613	106269	109254	2.58	cps
Cobalt	59-2	72058	69907	68997	70321	2.24	cps
Copper	63-2	10387986	10062437	9820152	10090191	2.82	cps
Dysprosium	156-1	55190	55015	54855	55020	0.30	cps
Dysprosium	156-2	20396	20048	19882	20109	1.30	cps
Erbium	164-1	46558	42770	44249	44526	4.29	cps
Erbium	164-2	17261	16777	16103	16714	3.48	cps
Gadolinium	160-1	47176	46875	47845	47299	1.05	cps
Gadolinium	160-2	20960	20249	19798	20336	2.88	cps
Holmium	165-1	5670583	5502801	5584666	5586017	1.50	cps
Holmium	165-2	2366996	2427820	2371200	2388672	1.42	cps
Indium	115-1	4792238	4853711	4846551	4830833	0.70	cps
Indium	115-2	682878	692845	687515	687746	0.73	cps
Iron	54-2	5668666	5427175	5235131	5443657	3.99	cps
Iron	56-2	102761194	98727024	95328730	98938983	3.76	cps
Iron	57-2	2633398	2588534	2440045	2553992	3.96	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-13	Instrumnet Name :	P8
Client Sample ID :	MH24L7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:56:40	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	485	444	535	488	9.37	cps
Lead	206-1	38361363	38067902	38468631	38299299	0.54	cps
Lead	207-1	30236630	31664047	29964091	30621589	2.98	cps
Lead	208-1	145193820	147337493	141598957	144710090	2.00	cps
Lithium	6-1	3159323	3077222	3132332	3122959	1.34	cps
Magnesium	24-2	1771783	1733728	1655303	1720271	3.45	cps
Manganese	55-2	2351061	2259381	2209820	2273420	3.15	cps
Molybdenum	94-1	34828	35229	34611	34889	0.90	cps
Molybdenum	95-1	17503	16886	16811	17066	2.23	cps
Molybdenum	96-1	27086	25749	26209	26348	2.58	cps
Molybdenum	97-1	10571	10162	10337	10357	1.98	cps
Molybdenum	98-1	26134	26952	27136	26740	1.99	cps
Neodymium	150-1	82929	80153	83116	82066	2.02	cps
Neodymium	150-2	23962	23424	22990	23458	2.08	cps
Nickel	60-2	58500	56375	55996	56957	2.37	cps
Phosphorus	31-2	12364	12255	11388	12002	4.46	cps
Potassium	39-2	460042	452709	435903	449551	2.75	cps
Rhodium	103-1	4646718	4670577	4741762	4686352	1.06	cps
Rhodium	103-2	1961177	1961303	1943619	1955366	0.52	cps
Scandium	45-1	4076564	4051554	4074403	4067507	0.34	cps
Scandium	45-2	118186	116149	115588	116641	1.17	cps
Selenium	82-1	512	556	400	490	16.46	cps
Selenium	77-2	67	80	63	70	12.60	cps
Selenium	78-2	145	130	145	140	6.19	cps
Silicon	28-1	7514900	8199670	7449950	7721507	5.38	cps
Silver	107-1	49632	49841	50192	49888	0.57	cps
Silver	109-1	48712	48160	47483	48118	1.28	cps
Sodium	23-2	425200	419024	409166	417796	1.94	cps
Strontium	86-1	1305988	1324945	1337139	1322691	1.19	cps
Strontium	88-1	10882480	11231736	11651168	11255128	3.42	cps
Sulfur	34-1	541717	543247	536116	540360	0.69	cps
Terbium	159-1	5721265	5761501	5890604	5791123	1.53	cps
Terbium	159-2	2422580	2433628	2367796	2408001	1.46	cps
Thallium	203-1	3976	3626	3459	3687	7.15	cps
Thallium	205-1	8862	8895	9337	9031	2.94	cps
Tin	118-1	1937112	1918066	1972314	1942497	1.42	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-13	Instrumnet Name :	P8
Client Sample ID :	MH24L7	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:56:40	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	670229	682780	655236	669415	2.06	cps
Uranium	238-1	63050	60864	60722	61545	2.12	cps
Vanadium	51-2	136788	135159	129662	133870	2.79	cps
Ytterbium	172-1	15109	14100	14141	14450	3.95	cps
Ytterbium	172-2	6224	6313	6035	6190	2.29	cps
Ytterbium	176-1	9712	9620	9329	9554	2.10	cps
Ytterbium	176-2	8798	9743	9387	9309	5.13	cps
Yttrium	89-1	8694156	8799104	9137650	8876970	2.61	cps
Yttrium	89-2	876925	857493	848858	861092	1.67	cps
Zinc	66-2	1482970	1431059	1408590	1440873	2.65	cps
Zirconium	90-1	71132	70446	70496	70691	0.54	cps
Zirconium	91-1	15492	15609	15326	15476	0.92	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-14	Instrumnet Name :	P8
Client Sample ID :	MH24L8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:59:36	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	940096	925675	905888	923886	1.86	cps
Antimony	121-1	194767	194879	194743	194796	0.04	cps
Arsenic	75-2	10400	10271	10139	10270	1.27	cps
Barium	135-1	1154192	1139623	1160672	1151496	0.94	cps
Barium	137-1	2028223	1969137	1963505	1986955	1.80	cps
Beryllium	9-1	5760	5707	5635	5701	1.10	cps
Bismuth	209-1	3357178	3235454	3347015	3313215	2.04	cps
Bismuth	209-2	1672181	1633967	1617530	1641226	1.71	cps
Boron	10-1	11306	11364	11562	11411	1.18	cps
Boron	11-1	50671	52440	52218	51776	1.86	cps
Bromine	81-1	39788	40209	39065	39687	1.46	cps
Cadmium	111-1	18049	18158	18547	18251	1.44	cps
Cadmium	106-1	4234	3951	4384	4190	5.25	cps
Cadmium	108-1	1350	1150	1188	1229	8.65	cps
Calcium	43-1	3087037	3149426	3060878	3099113	1.47	cps
Calcium	44-1	50417743	50261997	49949236	50209659	0.48	cps
Carbon	12-1	6793205	6825172	6923304	6847227	0.99	cps
Carbon	12-2	71659	70503	70779	70980	0.85	cps
Chlorine	35-1	32681736	35031343	36299046	34670708	5.29	cps
Chlorine	35-2	246405	248939	249210	248185	0.62	cps
Chromium	52-2	69190	68296	68554	68680	0.67	cps
Cobalt	59-2	49703	48720	47867	48763	1.88	cps
Copper	63-2	2018454	1940305	1935450	1964736	2.37	cps
Dysprosium	156-1	44751	43656	44324	44244	1.25	cps
Dysprosium	156-2	15970	16203	15736	15970	1.46	cps
Erbium	164-1	34847	35933	36058	35612	1.87	cps
Erbium	164-2	13293	13640	12593	13176	4.05	cps
Gadolinium	160-1	39125	38222	37620	38323	1.98	cps
Gadolinium	160-2	16817	16310	15766	16298	3.23	cps
Holmium	165-1	5644682	5614601	5709490	5656258	0.86	cps
Holmium	165-2	2399117	2394671	2394235	2396008	0.11	cps
Indium	115-1	5035548	5020498	4889722	4981923	1.61	cps
Indium	115-2	714847	701475	703465	706596	1.02	cps
Iron	54-2	3925260	3834385	3853002	3870882	1.24	cps
Iron	56-2	71081354	70045822	69040158	70055778	1.46	cps
Iron	57-2	1827451	1796230	1711607	1778430	3.37	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-14	Instrumnet Name :	P8
Client Sample ID :	MH24L8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:59:36	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	454	464	477	465	2.56	cps
Lead	206-1	14088570	14143852	13609350	13947257	2.11	cps
Lead	207-1	11697398	12189898	11747757	11878351	2.28	cps
Lead	208-1	54166674	55616887	54068872	54617477	1.59	cps
Lithium	6-1	3093822	3097035	3203112	3131323	1.99	cps
Magnesium	24-2	1105446	1102006	1080224	1095892	1.25	cps
Manganese	55-2	1058444	1045552	1037217	1047071	1.02	cps
Molybdenum	94-1	21585	19932	20666	20728	4.00	cps
Molybdenum	95-1	11780	12206	11739	11908	2.17	cps
Molybdenum	96-1	17478	17528	17002	17336	1.67	cps
Molybdenum	97-1	6810	7527	7160	7166	5.00	cps
Molybdenum	98-1	19088	18446	18471	18669	1.95	cps
Neodymium	150-1	66364	64300	65848	65504	1.64	cps
Neodymium	150-2	19361	18807	18520	18896	2.26	cps
Nickel	60-2	37389	37396	35969	36918	2.23	cps
Phosphorus	31-2	7544	7377	7169	7363	2.55	cps
Potassium	39-2	387001	392947	377339	385762	2.04	cps
Rhodium	103-1	4758004	4808838	4734077	4766973	0.80	cps
Rhodium	103-2	2062361	1921493	2047488	2010447	3.85	cps
Scandium	45-1	4124549	4124296	4099202	4116016	0.35	cps
Scandium	45-2	117830	114905	115540	116092	1.33	cps
Selenium	82-1	350	312	321	328	5.98	cps
Selenium	77-2	80	70	67	72	9.61	cps
Selenium	78-2	111	125	109	115	7.58	cps
Silicon	28-1	5379592	5395759	5439947	5405099	0.58	cps
Silver	107-1	107309	106882	104665	106285	1.34	cps
Silver	109-1	102517	101701	100853	101690	0.82	cps
Sodium	23-2	237288	234957	225332	232526	2.73	cps
Strontium	86-1	649733	646678	630684	642365	1.59	cps
Strontium	88-1	5545823	5632303	5357152	5511759	2.55	cps
Sulfur	34-1	476062	474388	476320	475590	0.22	cps
Terbium	159-1	6036824	5881791	5750766	5889794	2.43	cps
Terbium	159-2	2444085	2446277	2336767	2409043	2.60	cps
Thallium	203-1	3125	3017	2942	3028	3.04	cps
Thallium	205-1	7711	7477	7761	7650	1.98	cps
Tin	118-1	322695	321809	317883	320796	0.80	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-14	Instrumnet Name :	P8
Client Sample ID :	MH24L8	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 11:59:36	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383127	379641	379598	380789	0.53	cps
Uranium	238-1	41301	39914	41728	40981	2.31	cps
Vanadium	51-2	113930	111955	113265	113050	0.89	cps
Ytterbium	172-1	10446	10429	10663	10513	1.24	cps
Ytterbium	172-2	5023	4545	4734	4768	5.05	cps
Ytterbium	176-1	7411	7577	7369	7452	1.48	cps
Ytterbium	176-2	8447	8458	8714	8540	1.77	cps
Yttrium	89-1	8707922	8949710	8606279	8754637	2.02	cps
Yttrium	89-2	856393	832444	863584	850807	1.92	cps
Zinc	66-2	409590	398769	392336	400232	2.18	cps
Zirconium	90-1	37352	37442	37184	37326	0.35	cps
Zirconium	91-1	8128	8011	8444	8194	2.74	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-15	Instrumnet Name :	P8
Client Sample ID :	MH24L9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:02:38	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900139	877791	865825	881252	1.98	cps
Antimony	121-1	66404	67584	66471	66820	0.99	cps
Arsenic	75-2	6386	6156	6085	6209	2.54	cps
Barium	135-1	672503	697192	673908	681201	2.04	cps
Barium	137-1	1197753	1189663	1189549	1192322	0.39	cps
Beryllium	9-1	4941	4985	4863	4930	1.26	cps
Bismuth	209-1	3325867	3383172	3447650	3385563	1.80	cps
Bismuth	209-2	1751245	1641926	1654452	1682541	3.56	cps
Boron	10-1	18086	19149	19237	18824	3.40	cps
Boron	11-1	86354	88994	88951	88100	1.72	cps
Bromine	81-1	46143	44095	43723	44654	2.92	cps
Cadmium	111-1	12675	12564	12739	12659	0.70	cps
Cadmium	106-1	4326	4351	4151	4276	2.55	cps
Cadmium	108-1	1308	1354	1346	1336	1.83	cps
Calcium	43-1	1439298	1438738	1421758	1433264	0.70	cps
Calcium	44-1	23046659	22776769	22497403	22773610	1.21	cps
Carbon	12-1	17343388	17791279	17348407	17494358	1.47	cps
Carbon	12-2	180245	175605	171821	175890	2.40	cps
Chlorine	35-1	34873777	37757549	38962733	37198020	5.65	cps
Chlorine	35-2	266002	265187	261728	264305	0.86	cps
Chromium	52-2	143624	140001	137945	140523	2.05	cps
Cobalt	59-2	48165	46021	45409	46531	3.11	cps
Copper	63-2	377929	378547	364848	373774	2.07	cps
Dysprosium	156-1	54111	56537	55240	55296	2.20	cps
Dysprosium	156-2	19287	18887	18987	19054	1.09	cps
Erbium	164-1	38599	40881	39986	39822	2.89	cps
Erbium	164-2	14795	14932	14568	14765	1.24	cps
Gadolinium	160-1	44843	46926	45236	45668	2.42	cps
Gadolinium	160-2	18997	19441	18216	18885	3.28	cps
Holmium	165-1	5521087	5822286	5769487	5704287	2.82	cps
Holmium	165-2	2490627	2540068	2427262	2485986	2.27	cps
Indium	115-1	4910154	4997780	4949072	4952335	0.89	cps
Indium	115-2	709660	716378	703836	709958	0.88	cps
Iron	54-2	4286504	4148630	4137985	4191040	1.98	cps
Iron	56-2	75093460	75727193	73538454	74786369	1.51	cps
Iron	57-2	2006714	1934711	1903678	1948368	2.71	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-15	Instrumnet Name :	P8
Client Sample ID :	MH24L9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:02:38	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	447	470	515	477	7.20	cps
Lead	206-1	7974220	7954726	7862681	7930542	0.75	cps
Lead	207-1	6503670	6606960	6479502	6530044	1.04	cps
Lead	208-1	30269248	31059105	30184472	30504275	1.58	cps
Lithium	6-1	3191375	3158280	3141555	3163736	0.80	cps
Magnesium	24-2	1356457	1310490	1289953	1318967	2.58	cps
Manganese	55-2	1308433	1341568	1240129	1296710	3.99	cps
Molybdenum	94-1	14441	14408	14241	14363	0.75	cps
Molybdenum	95-1	16010	16068	15084	15720	3.51	cps
Molybdenum	96-1	21117	21041	20307	20822	2.15	cps
Molybdenum	97-1	9745	9437	9854	9679	2.23	cps
Molybdenum	98-1	25257	25015	25390	25221	0.75	cps
Neodymium	150-1	84008	83834	84338	84060	0.30	cps
Neodymium	150-2	23724	24145	23214	23694	1.97	cps
Nickel	60-2	33774	32454	31555	32594	3.42	cps
Phosphorus	31-2	21600	21291	21917	21603	1.45	cps
Potassium	39-2	824595	830962	800722	818760	1.95	cps
Rhodium	103-1	4776592	4894691	4770071	4813785	1.46	cps
Rhodium	103-2	2016401	2020348	2002886	2013212	0.45	cps
Scandium	45-1	4056032	4037885	3983921	4025946	0.93	cps
Scandium	45-2	117771	118360	115796	117309	1.14	cps
Selenium	82-1	452	444	422	440	3.51	cps
Selenium	77-2	93	100	97	97	3.45	cps
Selenium	78-2	134	144	150	143	5.67	cps
Silicon	28-1	6439476	6140795	5961636	6180636	3.91	cps
Silver	107-1	16102	15976	15284	15787	2.79	cps
Silver	109-1	15476	15843	15668	15662	1.17	cps
Sodium	23-2	340840	338740	331097	336892	1.52	cps
Strontium	86-1	618183	633016	616556	622585	1.46	cps
Strontium	88-1	5307683	5446310	5241171	5331721	1.96	cps
Sulfur	34-1	530561	537673	531227	533154	0.74	cps
Terbium	159-1	5968011	6118257	5963949	6016739	1.46	cps
Terbium	159-2	2433906	2382167	2462229	2426101	1.67	cps
Thallium	203-1	2250	2400	2625	2425	7.78	cps
Thallium	205-1	5835	6327	5710	5957	5.47	cps
Tin	118-1	288160	287331	280712	285401	1.43	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-15	Instrumnet Name :	P8
Client Sample ID :	MH24L9	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:02:38	DataFile Name :	075AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	270607	272208	266904	269906	1.01	cps
Uranium	238-1	50786	50276	49138	50067	1.68	cps
Vanadium	51-2	118157	114830	111861	114949	2.74	cps
Ytterbium	172-1	10363	11188	10855	10802	3.84	cps
Ytterbium	172-2	5012	4834	4729	4858	2.95	cps
Ytterbium	176-1	7327	7427	8228	7661	6.44	cps
Ytterbium	176-2	8442	8709	8536	8562	1.58	cps
Yttrium	89-1	8673235	8970433	8852754	8832141	1.69	cps
Yttrium	89-2	868321	858704	852207	859744	0.94	cps
Zinc	66-2	389668	381005	375048	381907	1.93	cps
Zirconium	90-1	14635	13407	14418	14153	4.63	cps
Zirconium	91-1	3009	3092	3200	3100	3.10	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-16	Instrumnet Name :	P8
Client Sample ID :	MH24M0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:05:40	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	764729	746974	741826	751176	1.60	cps
Antimony	121-1	59882	57747	58367	58665	1.87	cps
Arsenic	75-2	10445	10386	10361	10397	0.42	cps
Barium	135-1	525818	512014	504633	514155	2.09	cps
Barium	137-1	894692	900920	893075	896229	0.46	cps
Beryllium	9-1	4214	4280	4195	4230	1.06	cps
Bismuth	209-1	3431330	3336265	3271005	3346200	2.41	cps
Bismuth	209-2	1649051	1658682	1713395	1673709	2.07	cps
Boron	10-1	10616	11040	10998	10885	2.15	cps
Boron	11-1	50019	51742	50687	50816	1.71	cps
Bromine	81-1	44758	44195	44788	44580	0.75	cps
Cadmium	111-1	13033	12987	12680	12900	1.49	cps
Cadmium	106-1	3792	4042	4076	3970	3.90	cps
Cadmium	108-1	858	775	758	797	6.72	cps
Calcium	43-1	1174660	1155442	1138155	1156086	1.58	cps
Calcium	44-1	18584283	18966752	18566106	18705714	1.21	cps
Carbon	12-1	10249508	10461048	10209528	10306695	1.31	cps
Carbon	12-2	105159	103270	102254	103561	1.42	cps
Chlorine	35-1	31250606	33131616	34428911	32937044	4.85	cps
Chlorine	35-2	230778	229433	228728	229646	0.45	cps
Chromium	52-2	84089	82205	81414	82569	1.66	cps
Cobalt	59-2	40775	39712	39779	40089	1.49	cps
Copper	63-2	351710	348000	342574	347428	1.32	cps
Dysprosium	156-1	44893	45780	46933	45869	2.23	cps
Dysprosium	156-2	16083	15736	15609	15809	1.55	cps
Erbium	164-1	34437	33175	33610	33741	1.90	cps
Erbium	164-2	12663	12443	12036	12380	2.57	cps
Gadolinium	160-1	37453	39066	36735	37752	3.16	cps
Gadolinium	160-2	16314	16253	15853	16140	1.55	cps
Holmium	165-1	5659640	5648715	5657596	5655317	0.10	cps
Holmium	165-2	2412503	2453953	2436599	2434352	0.86	cps
Indium	115-1	5175067	4958708	4890804	5008193	2.96	cps
Indium	115-2	708986	698486	713739	707070	1.10	cps
Iron	54-2	3577110	3551002	3479592	3535901	1.43	cps
Iron	56-2	64198724	62224590	62196542	62873285	1.83	cps
Iron	57-2	1664745	1634769	1582552	1627355	2.56	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-16	Instrumnet Name :	P8
Client Sample ID :	MH24M0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:05:40	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	414	412	414	413	0.17	cps
Lead	206-1	7863715	8087984	7704644	7885447	2.44	cps
Lead	207-1	6568430	6380004	6051487	6333307	4.13	cps
Lead	208-1	30623077	30170914	29066374	29953455	2.67	cps
Lithium	6-1	3180159	3119102	3122712	3140658	1.09	cps
Magnesium	24-2	1062384	1038996	1023233	1041538	1.89	cps
Manganese	55-2	925057	904539	863897	897831	3.47	cps
Molybdenum	94-1	12648	12181	13057	12628	3.47	cps
Molybdenum	95-1	11772	10988	11597	11452	3.59	cps
Molybdenum	96-1	14975	15109	15025	15036	0.45	cps
Molybdenum	97-1	6143	7177	6985	6768	8.13	cps
Molybdenum	98-1	17745	17511	16819	17359	2.77	cps
Neodymium	150-1	70558	70800	69307	70221	1.14	cps
Neodymium	150-2	20496	19628	19324	19816	3.07	cps
Nickel	60-2	81914	79964	78670	80183	2.04	cps
Phosphorus	31-2	11847	11071	11388	11435	3.41	cps
Potassium	39-2	517194	496316	498180	503897	2.29	cps
Rhodium	103-1	4944634	4906757	4950420	4933937	0.48	cps
Rhodium	103-2	2015580	2010496	2047238	2024438	0.98	cps
Scandium	45-1	4052186	4118219	4054151	4074852	0.92	cps
Scandium	45-2	115329	115272	115228	115276	0.04	cps
Selenium	82-1	441	452	390	428	7.79	cps
Selenium	77-2	77	63	57	66	15.54	cps
Selenium	78-2	135	110	113	119	11.44	cps
Silicon	28-1	8191382	8086219	8024725	8100775	1.04	cps
Silver	107-1	14850	14517	14174	14514	2.33	cps
Silver	109-1	13924	13916	14191	14010	1.12	cps
Sodium	23-2	139028	136116	134080	136408	1.82	cps
Strontium	86-1	482512	473126	468133	474590	1.54	cps
Strontium	88-1	4057504	4051736	4031472	4046904	0.34	cps
Sulfur	34-1	471126	470810	471135	471023	0.04	cps
Terbium	159-1	5955192	5794030	6043642	5930955	2.13	cps
Terbium	159-2	2388244	2309173	2397405	2364941	2.05	cps
Thallium	203-1	2075	2317	2292	2228	5.97	cps
Thallium	205-1	5326	5376	5460	5387	1.25	cps
Tin	118-1	211514	201315	195442	202757	4.01	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-16	Instrumnet Name :	P8
Client Sample ID :	MH24M0	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:05:40	DataFile Name :	076AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	270324	267516	264446	267429	1.10	cps
Uranium	238-1	41193	43166	39195	41184	4.82	cps
Vanadium	51-2	102844	101554	98835	101078	2.02	cps
Ytterbium	172-1	9754	10012	9754	9840	1.52	cps
Ytterbium	172-2	4401	4367	4017	4262	4.98	cps
Ytterbium	176-1	6885	6860	6977	6908	0.89	cps
Ytterbium	176-2	8570	8030	8286	8295	3.25	cps
Yttrium	89-1	8620687	8304872	8632216	8519258	2.18	cps
Yttrium	89-2	839918	840383	852125	844142	0.82	cps
Zinc	66-2	301109	299128	291527	297255	1.70	cps
Zirconium	90-1	17804	16160	16252	16738	5.52	cps
Zirconium	91-1	3801	3817	4151	3923	5.03	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-17	Instrumnet Name :	P8
Client Sample ID :	MH24M1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:08:46	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1127764	1077164	1058390	1087773	3.30	cps
Antimony	121-1	781681	761484	767697	770288	1.34	cps
Arsenic	75-2	12764	12564	12395	12574	1.47	cps
Barium	135-1	1313505	1308476	1316268	1312750	0.30	cps
Barium	137-1	2326517	2337352	2288609	2317493	1.10	cps
Beryllium	9-1	7516	7441	7421	7459	0.67	cps
Bismuth	209-1	3240379	3353660	3401563	3331867	2.48	cps
Bismuth	209-2	1660244	1721547	1674095	1685295	1.91	cps
Boron	10-1	15903	16418	16370	16230	1.75	cps
Boron	11-1	71336	74046	75851	73744	3.08	cps
Bromine	81-1	46133	47640	48061	47278	2.14	cps
Cadmium	111-1	25013	24510	24978	24833	1.13	cps
Cadmium	106-1	5268	5418	4959	5215	4.48	cps
Cadmium	108-1	1758	1679	1708	1715	2.33	cps
Calcium	43-1	1781062	1738031	1783032	1767375	1.44	cps
Calcium	44-1	29152119	28690890	28614371	28819127	1.01	cps
Carbon	12-1	9050133	9248691	9267433	9188752	1.31	cps
Carbon	12-2	94612	91804	90351	92256	2.35	cps
Chlorine	35-1	32156408	35066886	36657264	34626853	6.59	cps
Chlorine	35-2	245092	248134	247352	246859	0.64	cps
Chromium	52-2	96229	92527	91497	93418	2.66	cps
Cobalt	59-2	61107	59825	60495	60476	1.06	cps
Copper	63-2	1428969	1410007	1397189	1412055	1.13	cps
Dysprosium	156-1	49777	51391	50840	50669	1.62	cps
Dysprosium	156-2	17658	17465	17472	17532	0.63	cps
Erbium	164-1	39627	39551	37830	39003	2.61	cps
Erbium	164-2	14361	14551	13921	14278	2.27	cps
Gadolinium	160-1	43129	42979	40094	42067	4.07	cps
Gadolinium	160-2	18276	17582	17325	17727	2.78	cps
Holmium	165-1	5684909	5616591	5738358	5679953	1.07	cps
Holmium	165-2	2464390	2436294	2405188	2435291	1.22	cps
Indium	115-1	4948689	4807728	5015108	4923842	2.15	cps
Indium	115-2	697423	684389	686481	689431	1.02	cps
Iron	54-2	5604587	5554739	5401658	5520328	1.92	cps
Iron	56-2	100190172	98772508	96298408	98420362	2.00	cps
Iron	57-2	2546987	2530130	2527480	2534866	0.42	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-17	Instrumnet Name :	P8
Client Sample ID :	MH24M1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:08:46	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	402	487	480	457	10.30	cps
Lead	206-1	96593338	96689497	94662072	95981635	1.19	cps
Lead	207-1	76103743	75034943	73616093	74918260	1.67	cps
Lead	208-1	361597047	366385339	356946136	361642840	1.31	cps
Lithium	6-1	3184499	3222592	3139218	3182103	1.31	cps
Magnesium	24-2	1267502	1306123	1197820	1257148	4.37	cps
Manganese	55-2	1586611	1568158	1551886	1568885	1.11	cps
Molybdenum	94-1	19347	19305	19556	19403	0.69	cps
Molybdenum	95-1	20891	21434	21968	21431	2.51	cps
Molybdenum	96-1	27027	26676	26952	26885	0.69	cps
Molybdenum	97-1	12806	13140	13490	13146	2.60	cps
Molybdenum	98-1	33926	34694	35454	34691	2.20	cps
Neodymium	150-1	73038	75291	75117	74482	1.68	cps
Neodymium	150-2	21257	21184	20356	20932	2.39	cps
Nickel	60-2	100905	99680	97753	99446	1.60	cps
Phosphorus	31-2	15725	15417	15158	15434	1.84	cps
Potassium	39-2	475712	466799	454175	465562	2.32	cps
Rhodium	103-1	4810670	4845363	4912782	4856271	1.07	cps
Rhodium	103-2	1986621	1942115	1994625	1974454	1.43	cps
Scandium	45-1	4192168	4063610	4242511	4166096	2.21	cps
Scandium	45-2	116633	114533	114566	115244	1.04	cps
Selenium	82-1	671	552	661	628	10.48	cps
Selenium	77-2	110	57	53	73	43.36	cps
Selenium	78-2	131	153	154	146	8.91	cps
Silicon	28-1	5227165	5350173	5140107	5239148	2.01	cps
Silver	107-1	35914	36064	36407	36129	0.70	cps
Silver	109-1	34887	34845	35513	35082	1.07	cps
Sodium	23-2	329757	318727	318252	322246	2.02	cps
Strontium	86-1	975858	982220	950642	969573	1.72	cps
Strontium	88-1	8383060	8407729	8180025	8323605	1.50	cps
Sulfur	34-1	560046	565323	562625	562665	0.47	cps
Terbium	159-1	5888319	6132382	5867521	5962741	2.47	cps
Terbium	159-2	2359901	2363116	2362276	2361765	0.07	cps
Thallium	203-1	3734	4134	3934	3934	5.09	cps
Thallium	205-1	8545	9579	9045	9056	5.71	cps
Tin	118-1	3552467	3473972	3533660	3520033	1.16	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-17	Instrumnet Name :	P8
Client Sample ID :	MH24M1	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:08:46	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	393229	388486	389990	390568	0.62	cps
Uranium	238-1	58955	63175	59273	60468	3.89	cps
Vanadium	51-2	130616	125993	124316	126975	2.57	cps
Ytterbium	172-1	11764	11447	11756	11655	1.55	cps
Ytterbium	172-2	5351	5046	4968	5121	3.96	cps
Ytterbium	176-1	7861	7436	8495	7930	6.72	cps
Ytterbium	176-2	8625	9137	9215	8992	3.56	cps
Yttrium	89-1	8787361	8873363	8635835	8765519	1.37	cps
Yttrium	89-2	864757	847460	839142	850453	1.54	cps
Zinc	66-2	815648	797358	785066	799357	1.93	cps
Zirconium	90-1	20641	20390	20132	20388	1.25	cps
Zirconium	91-1	4326	4142	4418	4295	3.26	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-18	Instrumnet Name :	P8
Client Sample ID :	MH24M2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:11:46	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1662109	1664960	1646970	1658013	0.58	cps
Antimony	121-1	371669	369296	364589	368518	0.98	cps
Arsenic	75-2	8792	8641	8476	8636	1.83	cps
Barium	135-1	1970940	1964495	1959881	1965105	0.28	cps
Barium	137-1	3360752	3317841	3295327	3324640	1.00	cps
Beryllium	9-1	12714	12392	12858	12655	1.88	cps
Bismuth	209-1	3388762	3293071	3374729	3352187	1.54	cps
Bismuth	209-2	1674250	1634615	1690283	1666383	1.72	cps
Boron	10-1	36346	37021	37356	36907	1.39	cps
Boron	11-1	161984	170237	168221	166814	2.58	cps
Bromine	81-1	44798	44346	43121	44088	1.97	cps
Cadmium	111-1	23971	23546	24607	24041	2.22	cps
Cadmium	106-1	5209	5268	5001	5159	2.72	cps
Cadmium	108-1	1746	1683	1642	1690	3.10	cps
Calcium	43-1	2038020	2001874	1973480	2004458	1.61	cps
Calcium	44-1	32440915	32760263	32122471	32441216	0.98	cps
Carbon	12-1	8847679	9082044	8997887	8975870	1.32	cps
Carbon	12-2	93027	90142	91962	91711	1.59	cps
Chlorine	35-1	34730781	37977622	39420937	37376447	6.43	cps
Chlorine	35-2	271148	277276	273115	273846	1.14	cps
Chromium	52-2	88277	86470	86151	86966	1.32	cps
Cobalt	59-2	75666	73937	72648	74084	2.04	cps
Copper	63-2	1044862	1030297	1013974	1029711	1.50	cps
Dysprosium	156-1	56863	56730	57650	57081	0.87	cps
Dysprosium	156-2	20376	20202	20062	20213	0.78	cps
Erbium	164-1	45203	45872	46089	45721	1.01	cps
Erbium	164-2	17472	17432	16928	17277	1.75	cps
Gadolinium	160-1	48405	49125	49025	48852	0.80	cps
Gadolinium	160-2	20843	19952	20215	20337	2.25	cps
Holmium	165-1	5602121	5780304	5772743	5718389	1.76	cps
Holmium	165-2	2366379	2426190	2413574	2402048	1.31	cps
Indium	115-1	4978088	4906556	4852543	4912396	1.28	cps
Indium	115-2	688032	688164	680313	685503	0.66	cps
Iron	54-2	5620499	5396024	5339341	5451954	2.73	cps
Iron	56-2	100517072	96708880	94810322	97345424	2.99	cps
Iron	57-2	2529106	2438565	2411127	2459599	2.51	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-18	Instrumnet Name :	P8
Client Sample ID :	MH24M2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:11:46	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	509	500	505	505	0.87	cps
Lead	206-1	35945749	34022331	34375725	34781269	2.94	cps
Lead	207-1	27956896	27912885	27397239	27755673	1.12	cps
Lead	208-1	135144342	131526462	131253933	132641579	1.64	cps
Lithium	6-1	3151853	3160867	3192668	3168463	0.68	cps
Magnesium	24-2	1237165	1229509	1239758	1235477	0.43	cps
Manganese	55-2	1880169	1785241	1740407	1801939	3.96	cps
Molybdenum	94-1	22786	24430	24138	23785	3.69	cps
Molybdenum	95-1	18154	17820	17995	17990	0.93	cps
Molybdenum	96-1	25282	25140	24965	25129	0.63	cps
Molybdenum	97-1	11288	11447	10871	11202	2.65	cps
Molybdenum	98-1	27728	27979	27219	27642	1.40	cps
Neodymium	150-1	82881	82586	81232	82233	1.07	cps
Neodymium	150-2	23921	23598	23107	23542	1.74	cps
Nickel	60-2	105163	104431	104199	104597	0.48	cps
Phosphorus	31-2	33573	34299	32261	33378	3.09	cps
Potassium	39-2	412002	422277	400070	411450	2.70	cps
Rhodium	103-1	4787033	4831705	4721360	4780032	1.16	cps
Rhodium	103-2	2030488	1975314	1929278	1978360	2.56	cps
Scandium	45-1	4045365	4061491	4096522	4067793	0.64	cps
Scandium	45-2	113455	116034	115188	114892	1.14	cps
Selenium	82-1	412	426	446	428	3.96	cps
Selenium	77-2	103	83	73	87	17.63	cps
Selenium	78-2	144	144	117	135	11.55	cps
Silicon	28-1	6587090	6808020	6319235	6571448	3.72	cps
Silver	107-1	46755	46395	45852	46334	0.98	cps
Silver	109-1	45367	44899	44564	44944	0.90	cps
Sodium	23-2	704517	691687	677587	691264	1.95	cps
Strontium	86-1	1422106	1435437	1450974	1436172	1.01	cps
Strontium	88-1	12403652	12230725	12179728	12271369	0.96	cps
Sulfur	34-1	533979	531009	527792	530927	0.58	cps
Terbium	159-1	5866180	5952472	5838219	5885623	1.01	cps
Terbium	159-2	2368773	2329034	2344685	2347497	0.85	cps
Thallium	203-1	3801	3709	3801	3770	1.40	cps
Thallium	205-1	8845	9254	8545	8881	4.01	cps
Tin	118-1	1321161	1371128	1330839	1341043	1.98	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-18	Instrumnet Name :	P8
Client Sample ID :	MH24M2	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:11:46	DataFile Name :	078AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	674708	657414	658360	663494	1.47	cps
Uranium	238-1	78696	76338	76257	77097	1.80	cps
Vanadium	51-2	131878	131681	129662	131074	0.94	cps
Ytterbium	172-1	15760	15501	15985	15749	1.54	cps
Ytterbium	172-2	6980	6907	6741	6876	1.78	cps
Ytterbium	176-1	10096	10188	10771	10352	3.54	cps
Ytterbium	176-2	9876	9581	9659	9706	1.57	cps
Yttrium	89-1	8849745	9181201	8817278	8949408	2.25	cps
Yttrium	89-2	866530	852164	847204	855299	1.17	cps
Zinc	66-2	734083	718562	701920	718188	2.24	cps
Zirconium	90-1	38756	39465	39630	39284	1.18	cps
Zirconium	91-1	8378	8294	8861	8511	3.60	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-19	Instrumnet Name :	P8
Client Sample ID :	MH24M3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:14:45	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	731900	708045	708557	716167	1.90	cps
Antimony	121-1	33367	32130	32949	32815	1.92	cps
Arsenic	75-2	3845	3720	3720	3762	1.92	cps
Barium	135-1	779760	784739	760413	774970	1.66	cps
Barium	137-1	1330496	1333331	1335787	1333204	0.20	cps
Beryllium	9-1	5350	5128	5040	5173	3.09	cps
Bismuth	209-1	3197147	3247669	3127509	3190775	1.89	cps
Bismuth	209-2	1589265	1576543	1585513	1583773	0.41	cps
Boron	10-1	14022	14779	14416	14406	2.63	cps
Boron	11-1	65506	66615	65733	65951	0.89	cps
Bromine	81-1	38241	39175	39979	39132	2.22	cps
Cadmium	111-1	9583	10068	9638	9763	2.72	cps
Cadmium	106-1	3442	3776	3501	3573	4.98	cps
Cadmium	108-1	613	604	658	625	4.67	cps
Calcium	43-1	3852043	3858901	3917016	3875987	0.92	cps
Calcium	44-1	63751307	62885891	63890211	63509136	0.86	cps
Carbon	12-1	8698684	8750711	8795872	8748422	0.56	cps
Carbon	12-2	89849	88675	87443	88656	1.36	cps
Chlorine	35-1	32492705	35277954	36356574	34709078	5.74	cps
Chlorine	35-2	247827	248269	250424	248840	0.56	cps
Chromium	52-2	91413	87747	87724	88962	2.39	cps
Cobalt	59-2	39996	40324	38362	39561	2.66	cps
Copper	63-2	268372	262226	256246	262281	2.31	cps
Dysprosium	156-1	46498	45278	44316	45364	2.41	cps
Dysprosium	156-2	16170	15379	15466	15672	2.77	cps
Erbium	164-1	35841	33635	31864	33780	5.90	cps
Erbium	164-2	12703	12583	12049	12445	2.80	cps
Gadolinium	160-1	39367	37295	37370	38011	3.09	cps
Gadolinium	160-2	16193	15983	15359	15845	2.74	cps
Holmium	165-1	5778079	5772436	5793942	5781486	0.19	cps
Holmium	165-2	2489451	2421475	2423682	2444869	1.58	cps
Indium	115-1	4897515	4820226	4693198	4803646	2.15	cps
Indium	115-2	686348	678025	681741	682038	0.61	cps
Iron	54-2	2886830	2782204	2724224	2797753	2.95	cps
Iron	56-2	51807808	49628521	50003153	50479827	2.31	cps
Iron	57-2	1250114	1224382	1217156	1230551	1.41	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-19	Instrumnet Name :	P8
Client Sample ID :	MH24M3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:14:45	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	470	440	471	460	3.84	cps
Lead	206-1	1983983	1879687	1846855	1903508	3.76	cps
Lead	207-1	1639430	1575973	1466302	1560568	5.61	cps
Lead	208-1	7679760	7474602	7028820	7394394	4.50	cps
Lithium	6-1	3083775	3160700	3052130	3098868	1.80	cps
Magnesium	24-2	10263409	9997271	10194088	10151589	1.36	cps
Manganese	55-2	1606030	1517811	1552583	1558808	2.85	cps
Molybdenum	94-1	16611	16719	16794	16708	0.55	cps
Molybdenum	95-1	18463	18454	18296	18404	0.51	cps
Molybdenum	96-1	22894	22185	22218	22433	1.78	cps
Molybdenum	97-1	11146	11305	11163	11205	0.78	cps
Molybdenum	98-1	29156	28973	29281	29137	0.53	cps
Neodymium	150-1	66238	65400	64100	65246	1.65	cps
Neodymium	150-2	19067	18500	18393	18653	1.94	cps
Nickel	60-2	52319	49904	50392	50872	2.51	cps
Phosphorus	31-2	10671	10012	10512	10398	3.31	cps
Potassium	39-2	530509	516636	506188	517778	2.36	cps
Rhodium	103-1	4484461	4696148	4699434	4626681	2.66	cps
Rhodium	103-2	1986865	1859604	1939269	1928579	3.33	cps
Scandium	45-1	3945985	3984412	3947782	3959393	0.55	cps
Scandium	45-2	115138	111519	114848	113835	1.77	cps
Selenium	82-1	337	382	386	369	7.36	cps
Selenium	77-2	57	50	103	70	41.52	cps
Selenium	78-2	119	95	110	108	11.23	cps
Silicon	28-1	12515832	12612297	12634186	12587438	0.50	cps
Silver	107-1	11947	12389	12256	12197	1.86	cps
Silver	109-1	12498	11714	11630	11947	4.01	cps
Sodium	23-2	788505	761522	774946	774991	1.74	cps
Strontium	86-1	617212	604698	596016	605975	1.76	cps
Strontium	88-1	5137796	5215566	5028932	5127431	1.83	cps
Sulfur	34-1	487748	490919	492336	490334	0.48	cps
Terbium	159-1	6017604	5853759	6019852	5963738	1.60	cps
Terbium	159-2	2367742	2391351	2340871	2366655	1.07	cps
Thallium	203-1	2350	2100	2167	2206	5.87	cps
Thallium	205-1	5410	5293	5001	5235	4.02	cps
Tin	118-1	120454	119858	116958	119090	1.57	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-19	Instrumnet Name :	P8
Client Sample ID :	MH24M3	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:14:45	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	433852	429711	417446	427003	2.00	cps
Uranium	238-1	50200	52067	50393	50887	2.02	cps
Vanadium	51-2	84253	81869	80408	82177	2.36	cps
Ytterbium	172-1	9279	9045	8987	9103	1.70	cps
Ytterbium	172-2	4395	4106	4006	4169	4.85	cps
Ytterbium	176-1	6435	6368	6177	6327	2.12	cps
Ytterbium	176-2	7819	8053	8275	8049	2.83	cps
Yttrium	89-1	8354657	8594043	8364722	8437807	1.60	cps
Yttrium	89-2	830475	824936	824623	826678	0.40	cps
Zinc	66-2	216154	210272	207637	211354	2.06	cps
Zirconium	90-1	18054	18062	17703	17940	1.14	cps
Zirconium	91-1	3851	3826	3942	3873	1.59	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-20	Instrumnet Name :	P8
Client Sample ID :	MH24M4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:17:47	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	716261	703482	678710	699484	2.73	cps
Antimony	121-1	33208	33851	33750	33603	1.03	cps
Arsenic	75-2	4620	4542	4631	4598	1.06	cps
Barium	135-1	912983	919397	914637	915672	0.36	cps
Barium	137-1	1599212	1550179	1607592	1585661	1.96	cps
Beryllium	9-1	4994	5029	5003	5009	0.36	cps
Bismuth	209-1	3368963	3412274	3322095	3367777	1.34	cps
Bismuth	209-2	1596686	1619070	1599377	1605044	0.76	cps
Boron	10-1	10416	10804	10858	10692	2.26	cps
Boron	11-1	46775	48187	48570	47844	1.98	cps
Bromine	81-1	39778	41735	40389	40634	2.46	cps
Cadmium	111-1	11339	11047	11310	11232	1.43	cps
Cadmium	106-1	3842	3676	3526	3681	4.30	cps
Cadmium	108-1	750	708	629	696	8.82	cps
Calcium	43-1	2508568	2445523	2492646	2482246	1.32	cps
Calcium	44-1	40773692	40397613	40221757	40464354	0.70	cps
Carbon	12-1	7217798	7292259	7315336	7275131	0.70	cps
Carbon	12-2	75461	75444	72278	74394	2.46	cps
Chlorine	35-1	33716566	36355291	37808664	35960174	5.77	cps
Chlorine	35-2	252695	256069	255494	254753	0.71	cps
Chromium	52-2	46559	46104	45111	45925	1.61	cps
Cobalt	59-2	39756	38221	37790	38589	2.68	cps
Copper	63-2	250020	243715	239707	244481	2.13	cps
Dysprosium	156-1	51425	49886	49585	50299	1.96	cps
Dysprosium	156-2	18570	17014	17285	17623	4.72	cps
Erbium	164-1	37312	37579	37863	37584	0.73	cps
Erbium	164-2	14618	13580	13560	13920	4.35	cps
Gadolinium	160-1	43514	40772	42669	42318	3.32	cps
Gadolinium	160-2	18142	17505	16737	17462	4.03	cps
Holmium	165-1	5650614	5725371	5634589	5670191	0.85	cps
Holmium	165-2	2419448	2417453	2398852	2411918	0.47	cps
Indium	115-1	4874930	4798449	4938202	4870527	1.44	cps
Indium	115-2	678821	689620	677007	681816	1.00	cps
Iron	54-2	3018781	2974680	2847659	2947040	3.01	cps
Iron	56-2	55036371	54627411	51221228	53628336	3.91	cps
Iron	57-2	1399637	1293573	1266138	1319783	5.34	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-20	Instrumnet Name :	P8
Client Sample ID :	MH24M4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:17:47	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	464	442	482	463	4.32	cps
Lead	206-1	2380468	2322839	2341117	2348141	1.25	cps
Lead	207-1	1896460	1888941	1911439	1898947	0.60	cps
Lead	208-1	9084047	9097708	8962529	9048095	0.82	cps
Lithium	6-1	3150090	3149213	3194244	3164516	0.81	cps
Magnesium	24-2	2124011	2053799	2003807	2060539	2.93	cps
Manganese	55-2	898463	894189	869797	887483	1.74	cps
Molybdenum	94-1	29991	30092	29231	29772	1.58	cps
Molybdenum	95-1	21450	21484	21500	21478	0.12	cps
Molybdenum	96-1	27269	26785	26092	26715	2.21	cps
Molybdenum	97-1	13182	13707	13207	13365	2.22	cps
Molybdenum	98-1	34535	33842	33383	33920	1.71	cps
Neodymium	150-1	76632	75706	73662	75333	2.02	cps
Neodymium	150-2	21851	20653	20693	21066	3.23	cps
Nickel	60-2	532881	531047	515982	526637	1.76	cps
Phosphorus	31-2	7127	6843	6785	6918	2.64	cps
Potassium	39-2	399623	398023	385101	394249	2.02	cps
Rhodium	103-1	4756703	4686187	4780306	4741065	1.03	cps
Rhodium	103-2	1962730	1936333	1955176	1951413	0.70	cps
Scandium	45-1	4051302	4003415	3996412	4017043	0.74	cps
Scandium	45-2	111624	109880	108946	110150	1.23	cps
Selenium	82-1	462	506	474	481	4.73	cps
Selenium	77-2	57	113	67	79	38.33	cps
Selenium	78-2	124	125	124	124	0.46	cps
Silicon	28-1	7351918	7879938	7423498	7551784	3.79	cps
Silver	107-1	13115	13098	13632	13282	2.29	cps
Silver	109-1	13098	12840	12714	12884	1.52	cps
Sodium	23-2	398423	394648	383244	392105	2.02	cps
Strontium	86-1	795203	827068	814593	812288	1.98	cps
Strontium	88-1	7004674	7076165	7064858	7048566	0.55	cps
Sulfur	34-1	470494	471628	468250	470124	0.37	cps
Terbium	159-1	5910169	5818310	6020269	5916249	1.71	cps
Terbium	159-2	2362203	2331449	2359758	2351137	0.73	cps
Thallium	203-1	2934	2884	2759	2859	3.15	cps
Thallium	205-1	6935	6835	6744	6838	1.40	cps
Tin	118-1	185925	186981	184949	185952	0.55	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-20	Instrumnet Name :	P8
Client Sample ID :	MH24M4	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:17:47	DataFile Name :	080AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	398764	397456	392278	396166	0.87	cps
Uranium	238-1	65185	65956	62865	64669	2.49	cps
Vanadium	51-2	92943	90004	88089	90346	2.71	cps
Ytterbium	172-1	10638	10805	10788	10744	0.86	cps
Ytterbium	172-2	4862	4634	4623	4706	2.87	cps
Ytterbium	176-1	8069	7961	7711	7914	2.32	cps
Ytterbium	176-2	8686	8547	8542	8592	0.95	cps
Yttrium	89-1	8505591	8665111	8673564	8614755	1.10	cps
Yttrium	89-2	837549	814162	811482	821064	1.75	cps
Zinc	66-2	208712	206403	198046	204387	2.75	cps
Zirconium	90-1	48395	46847	46445	47229	2.18	cps
Zirconium	91-1	10771	10804	10346	10640	2.40	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-21	Instrumnet Name :	P8
Client Sample ID :	MH24M5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:20:51	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	859443	844573	824051	842689	2.11	cps
Antimony	121-1	75149	74731	76883	75587	1.51	cps
Arsenic	75-2	10012	9611	9674	9766	2.20	cps
Barium	135-1	850837	835566	826906	837770	1.45	cps
Barium	137-1	1473633	1479356	1428420	1460470	1.91	cps
Beryllium	9-1	5028	4975	4846	4950	1.88	cps
Bismuth	209-1	3223297	3447904	3422300	3364501	3.65	cps
Bismuth	209-2	1695992	1574860	1593046	1621299	4.03	cps
Boron	10-1	8877	8823	9017	8906	1.12	cps
Boron	11-1	40255	41380	40896	40844	1.38	cps
Bromine	81-1	39848	39637	39978	39821	0.43	cps
Cadmium	111-1	21403	20675	20479	20852	2.33	cps
Cadmium	106-1	4859	4959	4943	4920	1.09	cps
Cadmium	108-1	1238	1346	1371	1318	5.38	cps
Calcium	43-1	3132638	3109802	3039229	3093890	1.57	cps
Calcium	44-1	50813990	50625949	50258472	50566137	0.56	cps
Carbon	12-1	5822378	5774728	5884402	5827169	0.94	cps
Carbon	12-2	59731	62240	59914	60628	2.31	cps
Chlorine	35-1	34112431	36788356	37980547	36293778	5.46	cps
Chlorine	35-2	256715	263162	260573	260150	1.25	cps
Chromium	52-2	51211	50010	47987	49736	3.28	cps
Cobalt	59-2	50770	51132	49054	50319	2.21	cps
Copper	63-2	375363	372712	365041	371039	1.44	cps
Dysprosium	156-1	56588	55591	53106	55095	3.25	cps
Dysprosium	156-2	19244	19127	19384	19252	0.67	cps
Erbium	164-1	41691	41231	41006	41309	0.85	cps
Erbium	164-2	15516	15125	14939	15193	1.94	cps
Gadolinium	160-1	49134	47201	47026	47787	2.45	cps
Gadolinium	160-2	20085	19297	19464	19616	2.12	cps
Holmium	165-1	5483338	5785260	5906593	5725064	3.81	cps
Holmium	165-2	2443606	2355877	2362012	2387165	2.05	cps
Indium	115-1	4851973	4944533	4906820	4901108	0.95	cps
Indium	115-2	684771	661495	677415	674560	1.76	cps
Iron	54-2	3714232	3665136	3486427	3621932	3.31	cps
Iron	56-2	67590906	65147128	64042765	65593600	2.77	cps
Iron	57-2	1685066	1690362	1622995	1666141	2.25	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-21	Instrumnet Name :	P8
Client Sample ID :	MH24M5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:20:51	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	466	482	515	488	5.09	cps
Lead	206-1	5385743	5507635	5240363	5377914	2.49	cps
Lead	207-1	4611436	4542413	4331706	4495185	3.24	cps
Lead	208-1	21145336	21139216	20128935	20804496	2.81	cps
Lithium	6-1	3107980	3188506	3162349	3152945	1.30	cps
Magnesium	24-2	1559013	1525161	1475438	1519871	2.77	cps
Manganese	55-2	1116045	1097294	1047966	1087102	3.23	cps
Molybdenum	94-1	28689	27979	27703	28123	1.81	cps
Molybdenum	95-1	31612	29757	29958	30442	3.34	cps
Molybdenum	96-1	37393	36449	35647	36496	2.40	cps
Molybdenum	97-1	19314	19306	18421	19014	2.70	cps
Molybdenum	98-1	49029	49531	48318	48959	1.24	cps
Neodymium	150-1	81607	81487	81372	81488	0.14	cps
Neodymium	150-2	22800	22893	21688	22460	2.99	cps
Nickel	60-2	149726	148121	144620	147489	1.77	cps
Phosphorus	31-2	9145	8236	8603	8661	5.28	cps
Potassium	39-2	509127	502064	486549	499246	2.31	cps
Rhodium	103-1	4728548	4715609	4975580	4806579	3.05	cps
Rhodium	103-2	2002750	1863472	1918730	1928318	3.64	cps
Scandium	45-1	3861426	4065589	4121110	4016042	3.41	cps
Scandium	45-2	114433	111332	114317	113361	1.55	cps
Selenium	82-1	619	576	572	589	4.36	cps
Selenium	77-2	117	90	100	102	13.18	cps
Selenium	78-2	162	120	133	138	15.55	cps
Silicon	28-1	5582897	5619116	5736841	5646285	1.43	cps
Silver	107-1	52618	50979	50803	51467	1.95	cps
Silver	109-1	50109	48453	48720	49094	1.81	cps
Sodium	23-2	313442	312149	308167	311253	0.88	cps
Strontium	86-1	929447	903786	908586	913940	1.49	cps
Strontium	88-1	7961031	7655163	7854764	7823653	1.98	cps
Sulfur	34-1	528565	529141	528248	528651	0.09	cps
Terbium	159-1	5845200	6072563	6150768	6022844	2.64	cps
Terbium	159-2	2294903	2262439	2357860	2305067	2.10	cps
Thallium	203-1	5468	5785	5218	5490	5.17	cps
Thallium	205-1	13541	13808	13132	13494	2.52	cps
Tin	118-1	565982	576882	556873	566579	1.77	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-21	Instrumnet Name :	P8
Client Sample ID :	MH24M5	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:20:51	DataFile Name :	081AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	407890	405696	389389	400992	2.52	cps
Uranium	238-1	75165	78562	74536	76088	2.85	cps
Vanadium	51-2	144534	140490	136562	140529	2.84	cps
Ytterbium	172-1	11655	11939	11897	11831	1.29	cps
Ytterbium	172-2	5390	4973	4862	5075	5.48	cps
Ytterbium	176-1	8061	8219	8211	8164	1.09	cps
Ytterbium	176-2	8786	7847	8481	8371	5.72	cps
Yttrium	89-1	8551939	8627989	8931782	8703903	2.31	cps
Yttrium	89-2	839380	807409	836860	827883	2.15	cps
Zinc	66-2	379651	376631	367876	374719	1.63	cps
Zirconium	90-1	29356	26918	28413	28229	4.36	cps
Zirconium	91-1	6268	6060	6743	6357	5.51	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-22	Instrumnet Name :	P8
Client Sample ID :	MH24M6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:23:52	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1078510	1055517	1023313	1052447	2.63	cps
Antimony	121-1	192031	193595	187907	191178	1.54	cps
Arsenic	75-2	17642	17526	17035	17401	1.85	cps
Barium	135-1	1241184	1220823	1226915	1229641	0.85	cps
Barium	137-1	2162117	2189376	2108517	2153337	1.91	cps
Beryllium	9-1	7852	7749	7594	7731	1.68	cps
Bismuth	209-1	3358038	3329933	3291000	3326323	1.01	cps
Bismuth	209-2	1623722	1599491	1603329	1608848	0.81	cps
Boron	10-1	14424	15299	15353	15025	3.47	cps
Boron	11-1	67362	67800	69453	68205	1.62	cps
Bromine	81-1	43131	43372	44235	43579	1.33	cps
Cadmium	111-1	26284	25863	25284	25810	1.95	cps
Cadmium	106-1	5293	5401	4959	5218	4.41	cps
Cadmium	108-1	1917	1708	1671	1765	7.50	cps
Calcium	43-1	2939242	2871909	2868557	2893236	1.38	cps
Calcium	44-1	45986844	44944036	46826636	45919172	2.05	cps
Carbon	12-1	7432136	7485562	7385697	7434465	0.67	cps
Carbon	12-2	78209	75972	75126	76435	2.08	cps
Chlorine	35-1	35217912	38056212	39873524	37715883	6.22	cps
Chlorine	35-2	268142	273236	264775	268717	1.59	cps
Chromium	52-2	57572	56418	55297	56429	2.02	cps
Cobalt	59-2	69653	68176	67476	68435	1.62	cps
Copper	63-2	581730	579663	563751	575048	1.71	cps
Dysprosium	156-1	62648	61124	59668	61147	2.44	cps
Dysprosium	156-2	21928	21855	21718	21834	0.49	cps
Erbium	164-1	49601	49451	47360	48804	2.57	cps
Erbium	164-2	18266	18039	17178	17828	3.22	cps
Gadolinium	160-1	51618	51885	52813	52106	1.20	cps
Gadolinium	160-2	23120	22456	21638	22405	3.31	cps
Holmium	165-1	5801467	5465142	5744056	5670221	3.17	cps
Holmium	165-2	2400958	2359822	2399296	2386692	0.98	cps
Indium	115-1	4812562	4932696	4726325	4823861	2.15	cps
Indium	115-2	669687	678793	670978	673153	0.73	cps
Iron	54-2	4356441	4275042	4257962	4296482	1.22	cps
Iron	56-2	77505952	76924041	74450518	76293504	2.13	cps
Iron	57-2	2020096	1980292	1927502	1975963	2.35	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-22	Instrumnet Name :	P8
Client Sample ID :	MH24M6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:23:52	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	481	446	457	462	3.87	cps
Lead	206-1	7080163	6689132	6701512	6823603	3.26	cps
Lead	207-1	5670766	5682456	5526627	5626616	1.54	cps
Lead	208-1	26837700	26248742	25751500	26279314	2.07	cps
Lithium	6-1	3129035	3119519	3153355	3133970	0.56	cps
Magnesium	24-2	2024115	1911028	1904877	1946673	3.45	cps
Manganese	55-2	1427517	1412655	1383247	1407806	1.60	cps
Molybdenum	94-1	45057	43695	43009	43920	2.37	cps
Molybdenum	95-1	45182	44070	45826	45026	1.97	cps
Molybdenum	96-1	52592	52250	53496	52779	1.22	cps
Molybdenum	97-1	29198	27027	27478	27901	4.11	cps
Molybdenum	98-1	71586	68896	69593	70025	1.99	cps
Neodymium	150-1	90772	88658	88679	89369	1.36	cps
Neodymium	150-2	25618	25361	24028	25002	3.41	cps
Nickel	60-2	219088	216025	207902	214338	2.70	cps
Phosphorus	31-2	9962	9837	9495	9765	2.48	cps
Potassium	39-2	570182	555756	547480	557806	2.06	cps
Rhodium	103-1	4748265	4775377	4662498	4728714	1.25	cps
Rhodium	103-2	1921683	1941114	1924992	1929263	0.54	cps
Scandium	45-1	3854325	3920681	4049323	3941443	2.52	cps
Scandium	45-2	112003	112597	110233	111611	1.10	cps
Selenium	82-1	1017	926	920	955	5.72	cps
Selenium	77-2	70	130	110	103	29.57	cps
Selenium	78-2	190	167	187	181	6.89	cps
Silicon	28-1	4626287	4983687	4615852	4741942	4.42	cps
Silver	107-1	110753	108937	107124	108938	1.67	cps
Silver	109-1	103825	105185	105429	104813	0.82	cps
Sodium	23-2	423340	419454	408694	417163	1.82	cps
Strontium	86-1	1339822	1282725	1293468	1305338	2.32	cps
Strontium	88-1	11339039	11311182	11122362	11257528	1.05	cps
Sulfur	34-1	648840	643296	638912	643683	0.77	cps
Terbium	159-1	5815191	5830894	5813015	5819700	0.17	cps
Terbium	159-2	2345206	2339484	2329393	2338027	0.34	cps
Thallium	203-1	7194	7144	7085	7141	0.76	cps
Thallium	205-1	17462	17412	16453	17109	3.33	cps
Tin	118-1	288552	287035	279790	285126	1.64	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	O1425-22	Instrumnet Name :	P8
Client Sample ID :	MH24M6	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:23:52	DataFile Name :	082AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408130	398047	410853	405677	1.66	cps
Uranium	238-1	103708	101196	100094	101666	1.82	cps
Vanadium	51-2	156760	152453	148371	152528	2.75	cps
Ytterbium	172-1	13874	13516	13616	13669	1.35	cps
Ytterbium	172-2	6585	6346	6018	6316	4.51	cps
Ytterbium	176-1	9712	9637	9654	9668	0.41	cps
Ytterbium	176-2	9715	9420	9203	9446	2.72	cps
Yttrium	89-1	8781769	8678022	8459144	8639645	1.91	cps
Yttrium	89-2	835024	832964	823982	830656	0.71	cps
Zinc	66-2	371371	368350	359479	366400	1.69	cps
Zirconium	90-1	52274	51914	52124	52104	0.35	cps
Zirconium	91-1	10946	11397	11280	11208	2.09	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:33:02	DataFile Name :	085CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1618683	1572701	1547122	1579502	2.30	cps
Antimony	121-1	1853303	1837713	1845973	1845663	0.42	cps
Arsenic	75-2	54872	53055	52063	53330	2.67	cps
Barium	135-1	2271668	2244935	2249228	2255277	0.64	cps
Barium	137-1	3822459	3926738	3921368	3890188	1.51	cps
Beryllium	9-1	933221	935027	932418	933555	0.14	cps
Bismuth	209-1	3034008	2985048	3076126	3031727	1.50	cps
Bismuth	209-2	1440901	1398559	1422343	1420601	1.49	cps
Boron	10-1	136213	140542	141681	139479	2.07	cps
Boron	11-1	612179	630881	640725	627929	2.31	cps
Bromine	81-1	33525	34598	32732	33618	2.79	cps
Cadmium	111-1	559566	549503	548674	552581	1.10	cps
Cadmium	106-1	67767	65658	66511	66646	1.59	cps
Cadmium	108-1	44543	43987	43581	44037	1.10	cps
Calcium	43-1	3275307	3339274	3350070	3321550	1.22	cps
Calcium	44-1	51818074	53510206	53109293	52812524	1.67	cps
Carbon	12-1	5102649	5248489	5316638	5222592	2.09	cps
Carbon	12-2	61069	61646	61211	61309	0.49	cps
Chlorine	35-1	2372259	2348721	2291500	2337493	1.78	cps
Chlorine	35-2	14499	13406	13248	13718	4.97	cps
Chromium	52-2	522596	505353	497004	508317	2.57	cps
Cobalt	59-2	902529	876257	875761	884849	1.73	cps
Copper	63-2	7362777	7161585	7110831	7211731	1.85	cps
Dysprosium	156-1	458	367	375	400	12.67	cps
Dysprosium	156-2	160	170	127	152	14.90	cps
Erbium	164-1	100	50	75	75	33.33	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	425	475	492	464	7.48	cps
Gadolinium	160-2	197	200	210	202	3.43	cps
Holmium	165-1	5444739	5361137	5419506	5408461	0.79	cps
Holmium	165-2	2267241	2101087	2179149	2182492	3.81	cps
Indium	115-1	4479095	4219122	4698395	4465538	5.37	cps
Indium	115-2	609838	588832	602477	600382	1.78	cps
Iron	54-2	5532233	5331145	5132458	5331945	3.75	cps
Iron	56-2	97515019	93853388	90607399	93991935	3.68	cps
Iron	57-2	2487558	2376780	2395034	2419791	2.45	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:33:02	DataFile Name :	085CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	369	395	404	389	4.68	cps
Lead	206-1	7144189	6993643	6890569	7009467	1.82	cps
Lead	207-1	6169612	6158609	6172540	6166920	0.12	cps
Lead	208-1	28335101	28493346	27716716	28181721	1.46	cps
Lithium	6-1	2856878	2775894	2947534	2860102	3.00	cps
Magnesium	24-2	22349497	21447609	21159255	21652120	2.87	cps
Manganese	55-2	2757279	2707117	2606542	2690313	2.85	cps
Molybdenum	94-1	7465023	7377024	7581155	7474400	1.37	cps
Molybdenum	95-1	10855680	10718659	10843146	10805828	0.70	cps
Molybdenum	96-1	11892424	11378342	11939907	11736891	2.65	cps
Molybdenum	97-1	6745718	6411774	6718428	6625306	2.80	cps
Molybdenum	98-1	17752430	16945423	17320206	17339353	2.33	cps
Neodymium	150-1	293	287	307	296	3.45	cps
Neodymium	150-2	20	23	23	22	8.65	cps
Nickel	60-2	257664	251885	248422	252657	1.85	cps
Phosphorus	31-2	23069	22418	22218	22568	1.97	cps
Potassium	39-2	7369179	6835941	6901118	7035413	4.13	cps
Rhodium	103-1	4323658	4265054	4283094	4290602	0.70	cps
Rhodium	103-2	1699133	1667954	1754819	1707302	2.58	cps
Scandium	45-1	3655144	3499078	3641165	3598462	2.40	cps
Scandium	45-2	100915	97626	100465	99669	1.79	cps
Selenium	82-1	48908	49615	48581	49035	1.08	cps
Selenium	77-2	1267	1313	1183	1255	5.25	cps
Selenium	78-2	4395	4416	4221	4344	2.46	cps
Silicon	28-1	2867003	2911281	2903192	2893825	0.81	cps
Silver	107-1	2781230	2750412	2690865	2740836	1.68	cps
Silver	109-1	2617462	2580422	2584752	2594212	0.78	cps
Sodium	23-2	40377208	40450482	38680259	39835983	2.51	cps
Strontium	86-1	17117600	17435627	16778701	17110643	1.92	cps
Strontium	88-1	148126199	142528266	145279666	145311377	1.93	cps
Sulfur	34-1	755292	745604	742388	747761	0.90	cps
Terbium	159-1	5571527	5586994	5589677	5582733	0.18	cps
Terbium	159-2	2165899	2045824	2175648	2129124	3.40	cps
Thallium	203-1	1690351	1709311	1685337	1695000	0.75	cps
Thallium	205-1	3976304	3983738	3954003	3971348	0.39	cps
Tin	118-1	1642290	1629827	1664022	1645380	1.05	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:33:02	DataFile Name :	085CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3567657	3483516	3456280	3502484	1.66	cps
Uranium	238-1	5289054	5410444	5308397	5335965	1.22	cps
Vanadium	51-2	423300	409580	407701	413527	2.06	cps
Ytterbium	172-1	200	150	142	164	19.25	cps
Ytterbium	172-2	83	72	72	76	8.46	cps
Ytterbium	176-1	8203	8344	8044	8197	1.83	cps
Ytterbium	176-2	7891	7908	7619	7806	2.08	cps
Yttrium	89-1	7303840	7140554	7295617	7246671	1.27	cps
Yttrium	89-2	695549	668524	710902	691658	3.10	cps
Zinc	66-2	830742	828353	805125	821407	1.72	cps
Zirconium	90-1	3868925	3752377	3827747	3816350	1.55	cps
Zirconium	91-1	845301	825852	844716	838623	1.32	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:40:09	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	106	147	115	25.33	cps
Antimony	121-1	392	425	692	503	32.70	cps
Arsenic	75-2	5	4	5	5	12.37	cps
Barium	135-1	42	92	58	64	39.85	cps
Barium	137-1	83	92	125	100	22.04	cps
Beryllium	9-1	160	172	165	166	3.79	cps
Bismuth	209-1	3060014	3106557	3328095	3164889	4.53	cps
Bismuth	209-2	1511494	1486287	1506394	1501392	0.89	cps
Boron	10-1	5288	5158	5000	5149	2.80	cps
Boron	11-1	24387	23428	22417	23411	4.21	cps
Bromine	81-1	34197	32712	32963	33291	2.39	cps
Cadmium	111-1	1441	1554	1693	1562	8.10	cps
Cadmium	106-1	2017	2167	2334	2172	7.29	cps
Cadmium	108-1	13	25	4	14	75.48	cps
Calcium	43-1	254	209	197	220	13.53	cps
Calcium	44-1	9258	9885	9397	9513	3.46	cps
Carbon	12-1	3473890	3490752	3523273	3495972	0.72	cps
Carbon	12-2	37139	37741	36997	37292	1.06	cps
Chlorine	35-1	1238855	1232178	1212248	1227760	1.13	cps
Chlorine	35-2	6977	7277	7752	7335	5.33	cps
Chromium	52-2	367	350	360	359	2.34	cps
Cobalt	59-2	47	93	80	73	32.77	cps
Copper	63-2	787	900	867	851	6.84	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	33	58	44	28.65	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	83	33	8	42	91.66	cps
Gadolinium	160-2	70	60	77	69	12.18	cps
Holmium	165-1	5006688	5226998	5356995	5196894	3.41	cps
Holmium	165-2	2203189	2202259	2213102	2206183	0.27	cps
Indium	115-1	4633529	4410987	4424730	4489748	2.78	cps
Indium	115-2	623972	621055	618825	621284	0.42	cps
Iron	54-2	500	683	639	607	15.74	cps
Iron	56-2	4862	6763	7569	6398	21.72	cps
Iron	57-2	322	294	361	326	10.27	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:40:09	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	359	402	381	381	5.75	cps
Lead	206-1	861	1017	817	898	11.69	cps
Lead	207-1	706	956	589	750	24.98	cps
Lead	208-1	3284	3961	3311	3519	10.90	cps
Lithium	6-1	2857410	2900323	2898935	2885556	0.85	cps
Magnesium	24-2	792	1100	1175	1022	19.87	cps
Manganese	55-2	110	110	200	140	37.12	cps
Molybdenum	94-1	350	367	325	347	6.04	cps
Molybdenum	95-1	342	508	233	361	38.36	cps
Molybdenum	96-1	617	600	442	553	17.47	cps
Molybdenum	97-1	275	358	208	281	26.79	cps
Molybdenum	98-1	600	900	617	706	23.90	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	17	23	27	22	22.91	cps
Phosphorus	31-2	133	83	83	100	28.87	cps
Potassium	39-2	20648	19872	20498	20340	2.02	cps
Rhodium	103-1	4293466	4421218	4332045	4348910	1.51	cps
Rhodium	103-2	1824129	1829647	1782183	1811986	1.43	cps
Scandium	45-1	3522025	3453184	3544157	3506456	1.35	cps
Scandium	45-2	99412	98827	99827	99355	0.51	cps
Selenium	82-1	29	-35	-28	-11	-309.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	44	40	42	42	4.76	cps
Silicon	28-1	820967	818904	824396	821422	0.34	cps
Silver	107-1	1275	1033	1117	1142	10.75	cps
Silver	109-1	1200	1233	1033	1156	9.27	cps
Sodium	23-2	18654	19138	19146	18979	1.49	cps
Strontium	86-1	1042	1150	1058	1083	5.38	cps
Strontium	88-1	3517	3951	2550	3339	21.47	cps
Sulfur	34-1	393999	394682	394200	394293	0.09	cps
Terbium	159-1	5218868	5217436	5397510	5277938	1.96	cps
Terbium	159-2	2183259	2130254	2136162	2149892	1.35	cps
Thallium	203-1	350	458	342	383	16.98	cps
Thallium	205-1	983	917	858	920	6.80	cps
Tin	118-1	300	258	375	311	19.00	cps

LB Number :	LB123997	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired :	2023-02-07 12:40:09	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	250	175	233	22.30	cps
Uranium	238-1	150	175	117	147	19.88	cps
Vanadium	51-2	10	10	23	14	53.28	cps
Ytterbium	172-1	17	33	33	28	34.63	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	642	808	633	694	14.22	cps
Ytterbium	176-2	4890	5007	4851	4916	1.65	cps
Yttrium	89-1	6875461	6931611	6909753	6905609	0.41	cps
Yttrium	89-2	687054	682173	684248	684492	0.36	cps
Zinc	66-2	167	163	137	156	10.57	cps
Zirconium	90-1	433	467	550	483	12.43	cps
Zirconium	91-1	92	42	67	67	37.50	cps