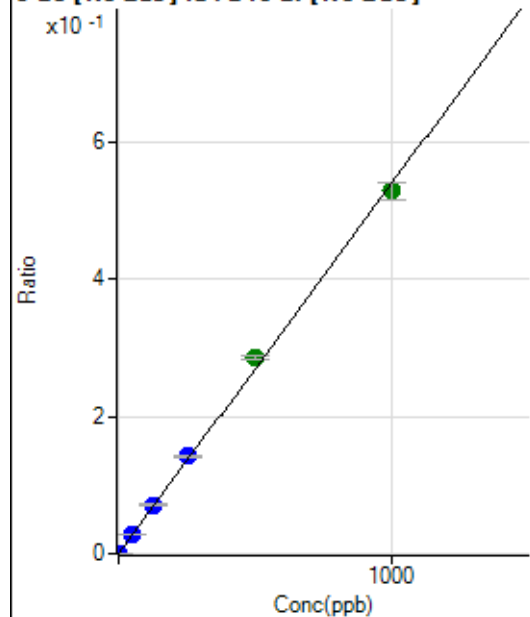


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8083122MS.b\
 Analysis File: P8083122MS.batch.bin
 DA Date-Time: 2022-08-31 15:43:38
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-08-31 12:44:07
2	005CALS.d	S02	2022-08-31 12:47:17
3	006CALS.d	S03	2022-08-31 12:50:29
4	007CALS.d	S04	2022-08-31 12:53:35
5	008CALS.d	S05	2022-08-31 12:56:44
6	009CALS.d	S06	2022-08-31 12:59:50
7	010CALS.d	S07	2022-08-31 13:02:59
8	011CALS.d	S08	2022-08-31 13:06:05

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20.83	0.0000	P	2.9
2	☐	1.000	1.098	2800.76	0.0006	P	3.4
3	☐	50.000	52.570	136358.08	0.0283	P	2.1
4	☐	125.000	132.278	339784.32	0.0712	P	1.8
5	☐	250.000	264.041	653942.21	0.1421	P	1.8
6	☐	500.000	529.602	1281372.38	0.2850	A	1.3
7	☐	1000.000	980.650	2430401.23	0.5278	A	4.8
8	☐			292.47	0.0001	P	13.0

$$y = 5.3819\text{E-}004 * x + 4.2937\text{E-}006$$

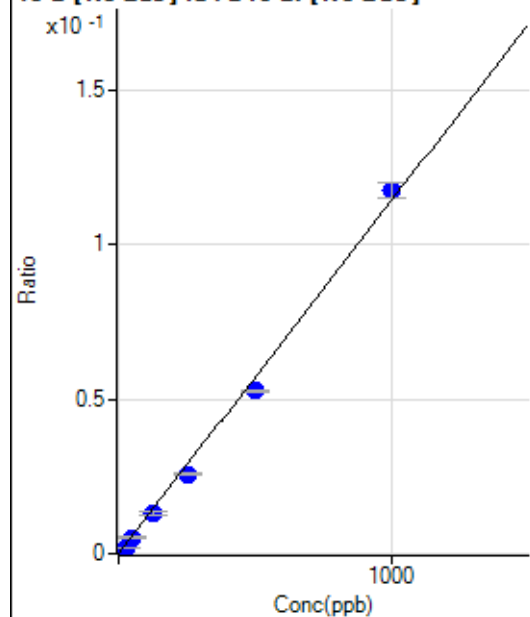
$$R = 0.9992$$

$$DL = 0.0006995$$

$$BEC = 0.007978$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	340.60	0.0001	P	8.1
2	☐	25.000	16.123	8979.00	0.0019	P	7.9
3	☐	50.000	45.114	25127.16	0.0052	P	5.7
4	☐	125.000	113.129	61888.61	0.0130	P	6.0
5	☐	250.000	225.177	118509.85	0.0258	P	4.2
6	☐	500.000	461.232	236902.82	0.0527	P	0.9
7	☐	1000.000	1027.540	540518.28	0.1173	P	4.4
8	☐			34860.59	0.0080	P	7.5

$$y = 1.1409\text{E-}004 * x + 7.0122\text{E-}005$$

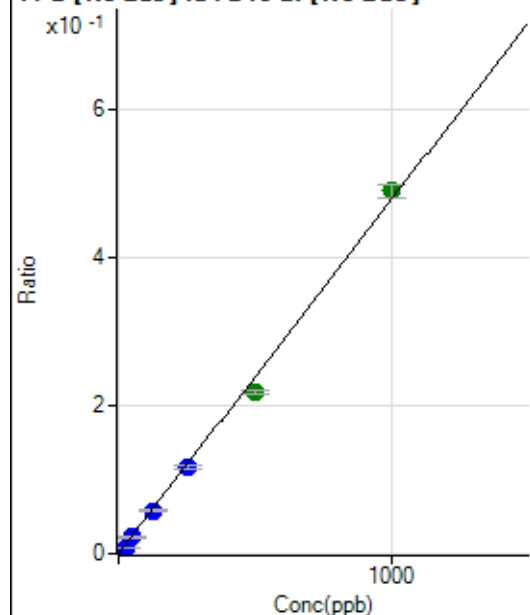
$$R = 0.9987$$

$$DL = 0.1489$$

$$BEC = 0.6146$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1451.12	0.0003	P	5.3
2	☐	25.000	17.335	40392.06	0.0086	P	7.6
3	☐	50.000	46.611	108796.51	0.0226	P	5.1
4	☐	125.000	120.506	276238.24	0.0579	P	6.1
5	☐	250.000	243.277	536571.68	0.1166	P	4.7
6	☐	500.000	456.025	981942.40	0.2184	A	3.4
7	☐	1000.000	1024.591	2258623.22	0.4902	A	4.0
8	☐			155809.02	0.0357	P	6.6

$$y = 4.7818\text{E-}004 * x + 2.9928\text{E-}004$$

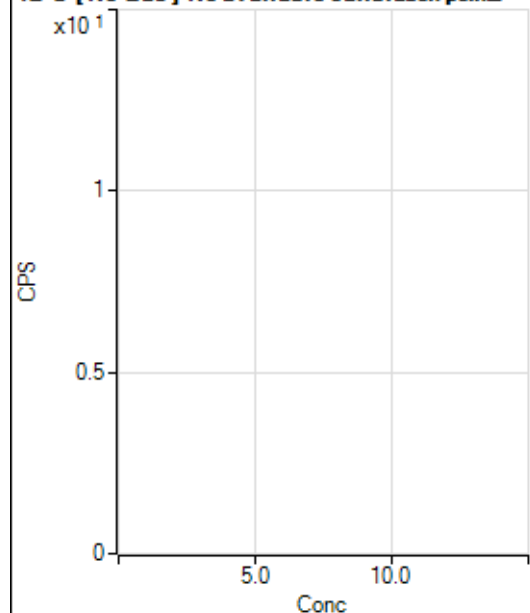
$$R = 0.9986$$

$$DL = 0.09968$$

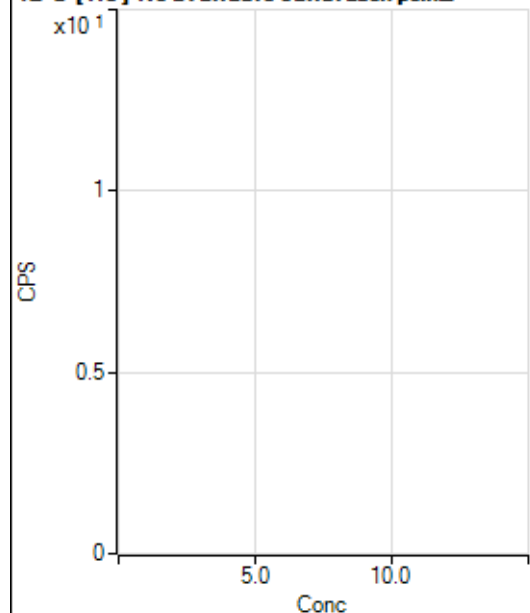
$$BEC = 0.6259$$

Weight: <None>

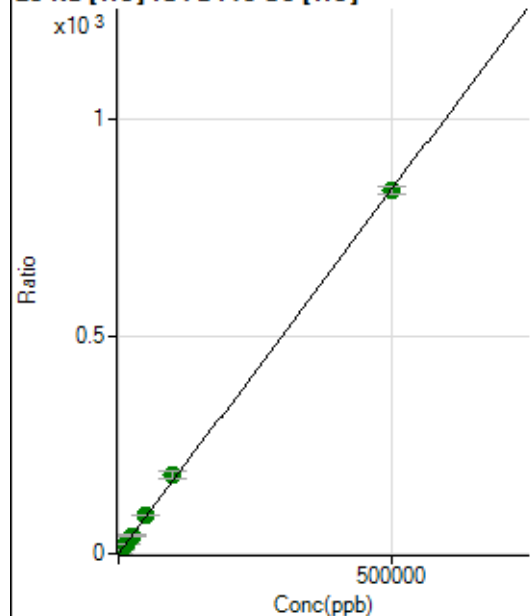
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3900440.80		A	0.4
2	☐			3879172.40		A	0.6
3	☐			4312642.72		A	1.3
4	☐			4486241.72		A	0.5
5	☐			4629044.50		A	1.6
6	☐			4994457.97		A	1.8
7	☐			5834579.73		A	0.4
8	☐			4384126.83		A	1.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			45830.52		P	2.2
2	☐			45548.86		P	2.7
3	☐			52271.27		P	0.2
4	☐			54091.67		P	0.5
5	☐			55971.03		P	2.1
6	☐			63339.78		P	1.1
7	☐			71069.68		P	0.6
8	☐			58115.75		P	1.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19516.27	0.1059	P	0.3
2	☐	500.000	486.091	170956.98	0.9210	P	2.2
3	☐	5000.000	5316.813	1648927.62	9.0211	A	2.9
4	☐	12500.000	13323.924	4093688.29	22.4473	A	0.6
5	☐	25000.000	24064.229	7698353.04	40.4565	A	12.2
6	☐	50000.000	52286.395	15737846.36	87.7790	A	0.9
7	☐	100000.00	107519.82	31893221.54	180.3935	A	9.2
8	☐	500000.00	498290.43	150330156.1	835.6318	A	2.1

$$y = 0.0017 * x + 0.1059$$

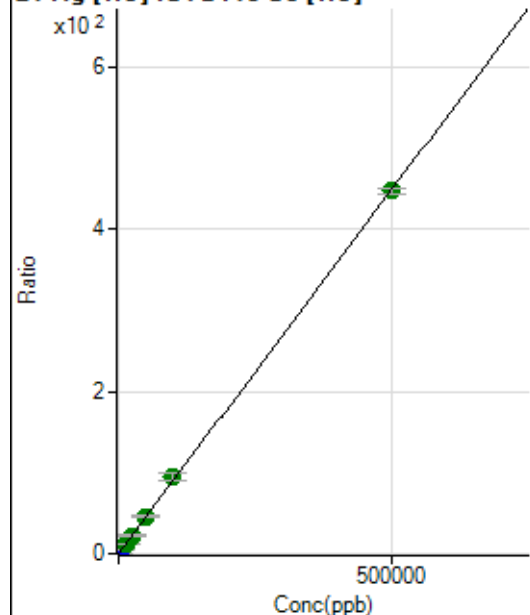
$$R = 0.9999$$

$$DL = 0.4764$$

$$BEC = 63.18$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	502.80	0.0027	P	15.1
2	☐	500.000	502.871	84241.62	0.4538	P	1.9
3	☐	5000.000	5230.603	858050.51	4.6949	P	2.7
4	☐	12500.000	13577.327	2221986.68	12.1825	A	2.1
5	☐	25000.000	24413.648	4169329.43	21.9034	A	11.8
6	☐	50000.000	51492.954	8281190.46	46.1953	A	4.1
7	☐	100000.00	105723.27	16766754.20	94.8434	A	9.4
8	☐	500000.00	498706.12	80483221.24	447.3746	A	1.8

$$y = 8.9707\text{E-}004 * x + 0.0027$$

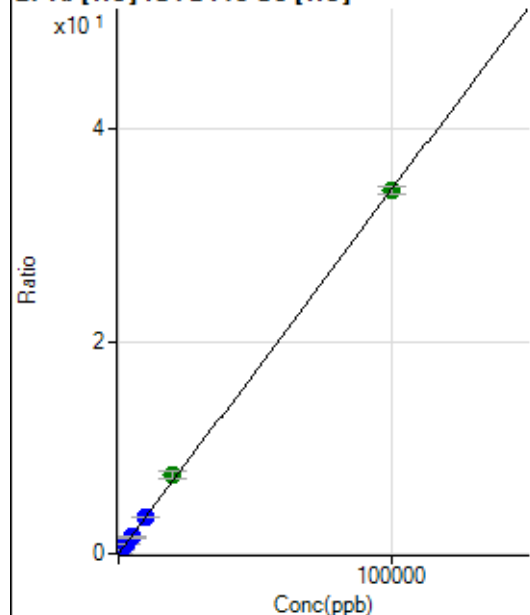
R = 0.9999

DL = 1.384

BEC = 3.045

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	92.91	0.0005	P	5.8
2	☐	20.000	19.528	1335.32	0.0072	P	2.3
3	☐	1000.000	1022.568	64117.17	0.3508	P	2.7
4	☐	2500.000	2580.910	161329.22	0.8846	P	1.2
5	☐	5000.000	4695.803	306304.57	1.6091	P	11.6
6	☐	10000.000	10027.559	615903.15	3.4354	P	2.5
7	☐	20000.000	21535.876	1304574.38	7.3776	A	9.6
8	☐	100000.00	99703.030	6143994.46	34.1538	A	2.2

$$y = 3.4255\text{E-}004 * x + 5.0444\text{E-}004$$

R = 0.9999

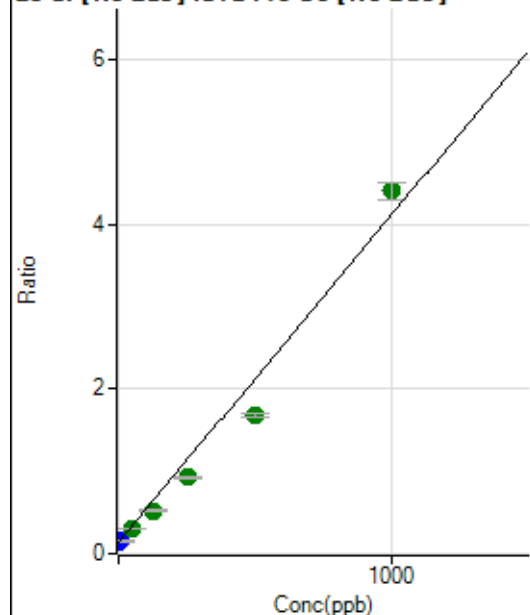
DL = 0.2547

BEC = 1.473

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	750838.64	0.1390	P	1.8
2	☐	10.000	3.557	809243.44	0.1532	P	2.6
3	☐	50.000	40.975	1602690.85	0.3021	A	0.5
4	☐	125.000	95.883	2889710.72	0.5206	A	4.4
5	☐	250.000	197.310	4886972.03	0.9243	A	3.1
6	☐	500.000	388.364	8861116.34	1.6847	A	2.7
7	☐	1000.000	1073.146	24199436.31	4.4102	A	4.8
8	☐			887959.23	0.1627	M	3.9

$$y = 0.0040 * x + 0.1390$$

$$R = 0.9903$$

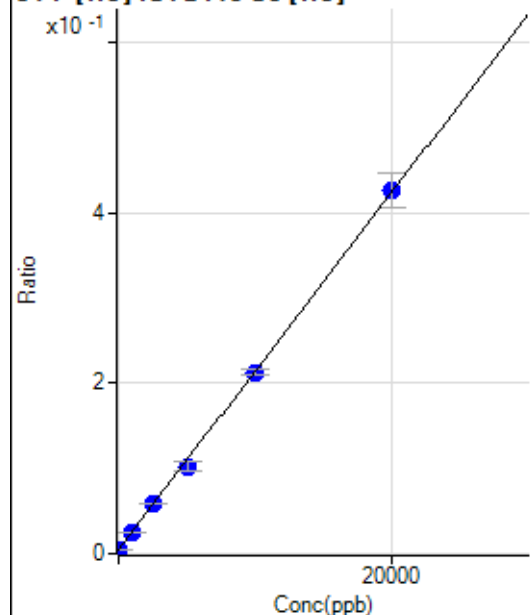
$$DL = 1.932$$

$$BEC = 34.92$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	4.139	913.95	0.0050	P	5.2
2	☐	0.000	-4.139	888.93	0.0048	P	7.6
3	☐	1000.000	966.552	4589.73	0.0251	P	3.5
4	☐	2500.000	2593.157	10782.07	0.0591	P	1.8
5	☐	5000.000	4659.092	19480.26	0.1023	P	11.9
6	☐	10000.000	9950.988	38195.64	0.2131	P	2.5
7	☐	20000.000	20099.761	75189.68	0.4254	P	9.6
8	☐			700.03	0.0039	P	8.6

$$y = 2.0921E-005 * x + 0.0049$$

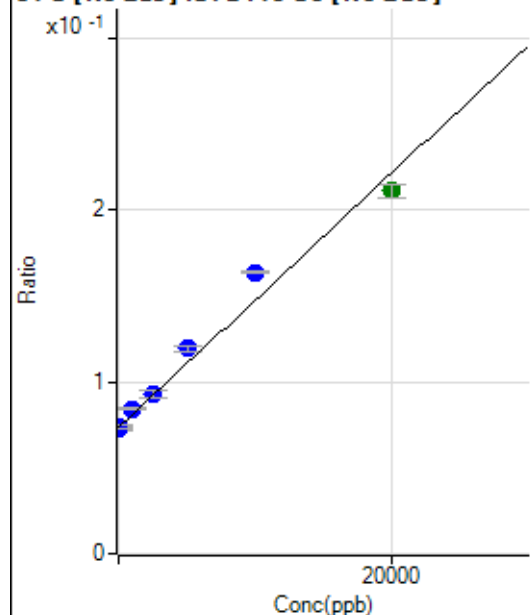
$$R = 0.9998$$

$$DL = 44.47$$

$$BEC = 233.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-98.171	393136.16	0.0728	P	2.9
2	☐	0.000	98.171	392235.86	0.0742	P	3.4
3	☐	1000.000	1463.357	447573.02	0.0844	P	0.7
4	☐	2500.000	2566.384	513566.94	0.0925	P	4.8
5	☐	5000.000	6182.032	630907.40	0.1193	P	3.1
6	☐	10000.000	12198.577	862241.26	0.1639	P	1.2
7	☐	20000.000	18573.738	1158977.46	0.2111	A	3.7
8	☐			334755.89	0.0614	P	6.4

$$y = 7.4098E-006 * x + 0.0735$$

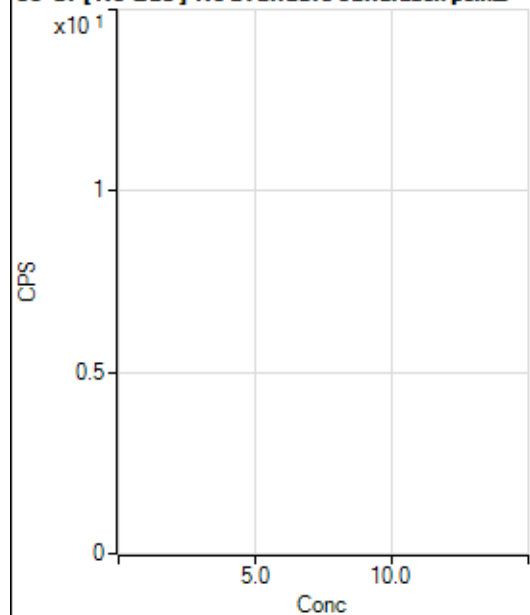
R = 0.9882

DL = 941

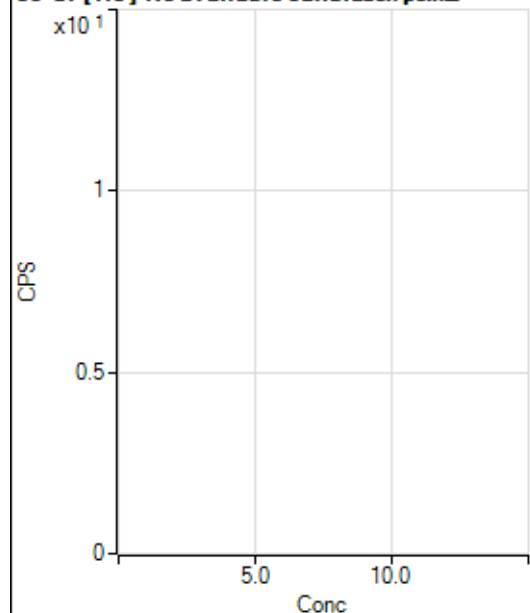
BEC = 9922

Weight: <None>

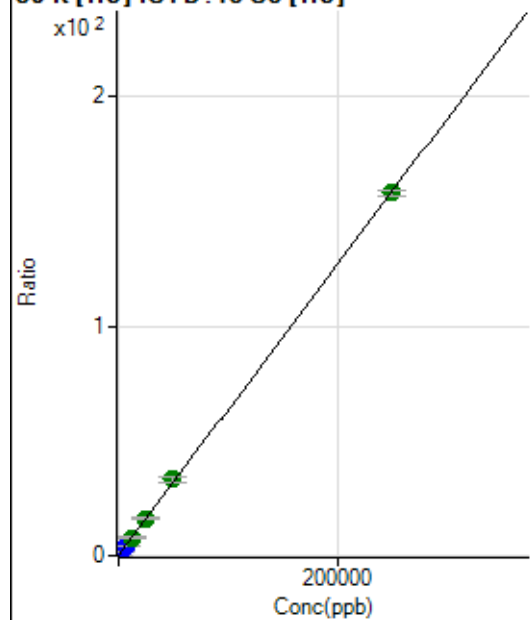
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			114554.52		P	0.7
2	☐			119076.22		P	1.0
3	☐			143284.87		P	0.1
4	☐			150970.53		P	0.9
5	☐			152190.49		P	0.6
6	☐			160328.30		P	1.2
7	☐			133242.88		P	0.1
8	☐			142123.30		P	0.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			847.27		P	9.3
2	☐			947.28		P	8.9
3	☐			1102.85		P	3.7
4	☐			1113.96		P	9.5
5	☐			1141.74		P	4.1
6	☐			1141.74		P	8.3
7	☐			994.50		P	10.1
8	☐			1086.18		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20884.99	0.1134	P	3.0
2	☐	500.000	455.520	74506.43	0.4014	P	1.2
3	☐	2500.000	2498.986	309547.09	1.6934	P	1.9
4	☐	6250.000	6340.420	751754.36	4.1223	P	0.8
5	☐	12500.000	11924.813	1457544.46	7.6531	A	10.9
6	☐	25000.000	25523.946	2913470.44	16.2515	A	3.5
7	☐	50000.000	52209.798	5858557.51	33.1242	A	8.6
8	☐	250000.00	249532.24	28404241.61	157.8858	A	1.4

$$y = 6.3227E-004 * x + 0.1134$$

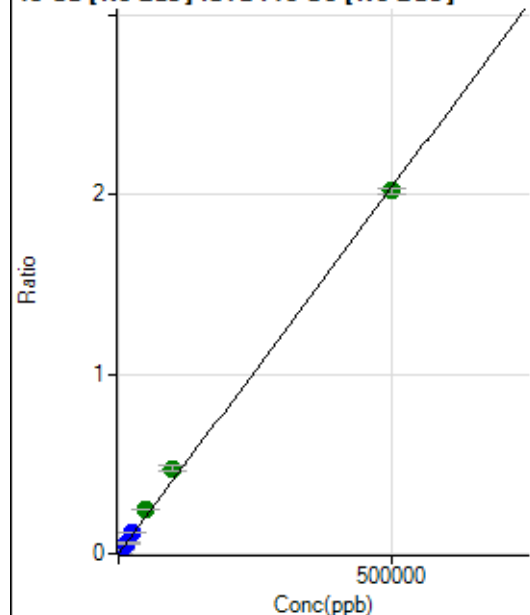
$$R = 0.9999$$

$$DL = 15.91$$

$$BEC = 179.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	253.30	0.0000	P	7.4
2	☐	500.000	484.754	10706.83	0.0020	P	2.3
3	☐	5000.000	5859.162	127175.10	0.0240	P	0.7
4	☐	12500.000	14246.677	323217.94	0.0582	P	3.4
5	☐	25000.000	29204.876	630792.72	0.1193	P	2.2
6	☐	50000.000	59996.600	1288819.82	0.2450	A	2.4
7	☐	100000.00	116539.52	2610789.93	0.4759	A	5.4
8	☐	500000.00	495429.94	11049994.08	2.0230	A	1.5

$$y = 4.0832\text{E-}006 * x + 4.6935\text{E-}005$$

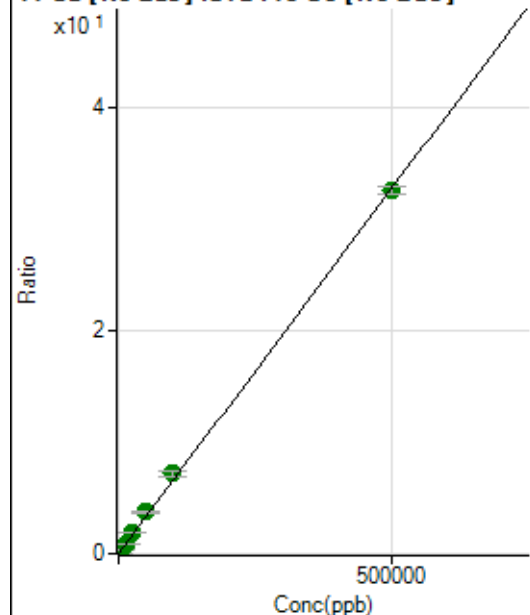
$$R = 0.9993$$

$$DL = 2.547$$

$$BEC = 11.49$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10363.40	0.0019	P	2.6
2	☐	500.000	492.595	180281.83	0.0341	P	3.9
3	☐	5000.000	5849.073	2039111.69	0.3844	A	1.9
4	☐	12500.000	13912.983	5062314.25	0.9117	A	2.6
5	☐	25000.000	28143.677	9741807.60	1.8422	A	1.1
6	☐	50000.000	57454.646	19770108.35	3.7587	A	3.9
7	☐	100000.00	109921.37	39435102.76	7.1894	A	6.0
8	☐	500000.00	497069.26	177501112.6	32.5039	A	2.2

$$y = 6.5387\text{E-}005 * x + 0.0019$$

$$R = 0.9997$$

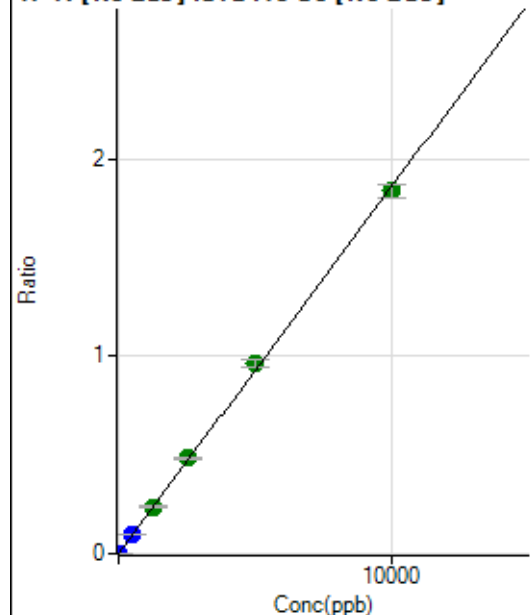
$$DL = 2.279$$

$$BEC = 29.35$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	241.68	0.0000	P	18.1
2	☐	5.000	4.876	5034.35	0.0010	P	2.4
3	☐	500.000	513.756	507556.80	0.0957	P	1.1
4	☐	1250.000	1272.056	1315157.96	0.2368	A	3.5
5	☐	2500.000	2597.455	2556498.65	0.4835	A	2.5
6	☐	5000.000	5167.341	5058732.23	0.9618	A	4.0
7	☐	10000.000	9888.521	10102332.00	1.8406	A	3.7
8	☐			1119.52	0.0002	P	7.5

$$y = 1.8613E-004 * x + 4.4690E-005$$

$$R = 0.9997$$

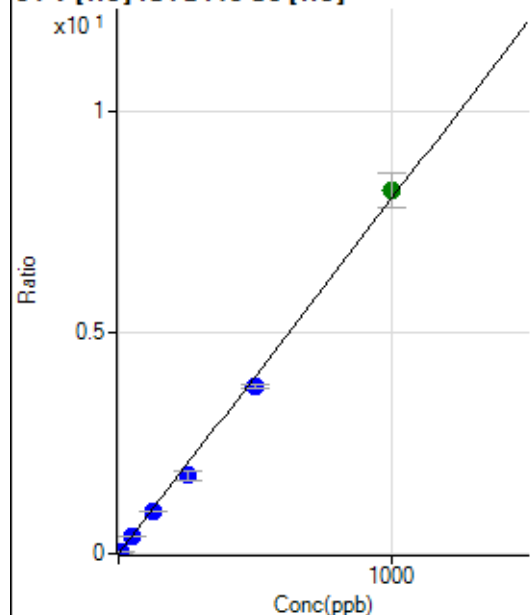
$$DL = 0.1304$$

$$BEC = 0.2401$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10.00	0.0001	P	32.5
2	☐	5.000	4.390	6542.66	0.0352	P	3.0
3	☐	50.000	46.892	68720.98	0.3759	P	2.1
4	☐	125.000	119.089	174093.11	0.9546	P	1.4
5	☐	250.000	220.999	337276.93	1.7715	P	11.4
6	☐	500.000	471.787	678032.64	3.7818	P	2.3
7	☐	1000.000	1022.254	1448523.97	8.1942	A	9.5
8	☐			397.78	0.0022	P	9.7

$$y = 0.0080 * x + 5.4172E-005$$

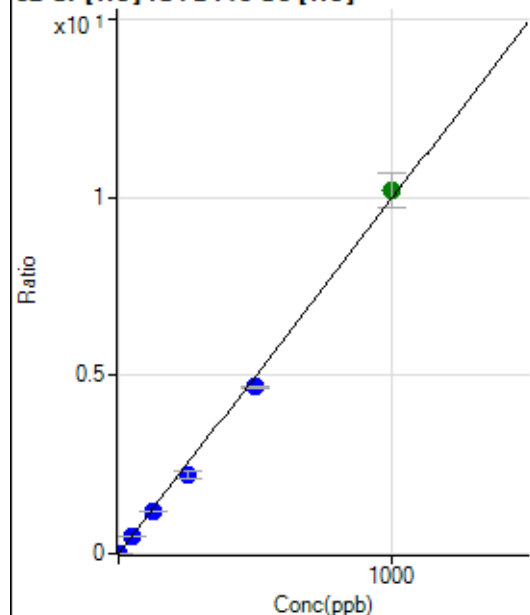
$$R = 0.9990$$

$$DL = 0.006583$$

$$BEC = 0.006758$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	583.35	0.0032	P	14.7
2	☐	2.000	1.864	4035.06	0.0217	P	4.2
3	☐	50.000	47.499	87063.29	0.4764	P	2.2
4	☐	125.000	119.591	217830.08	1.1945	P	1.0
5	☐	250.000	221.194	420108.22	2.2067	P	11.5
6	☐	500.000	470.040	840077.18	4.6857	P	1.6
7	☐	1000.000	1022.983	1802000.48	10.1941	A	9.7
8	☐			5097.62	0.0283	P	2.1

$$y = 0.0100 * x + 0.0032$$

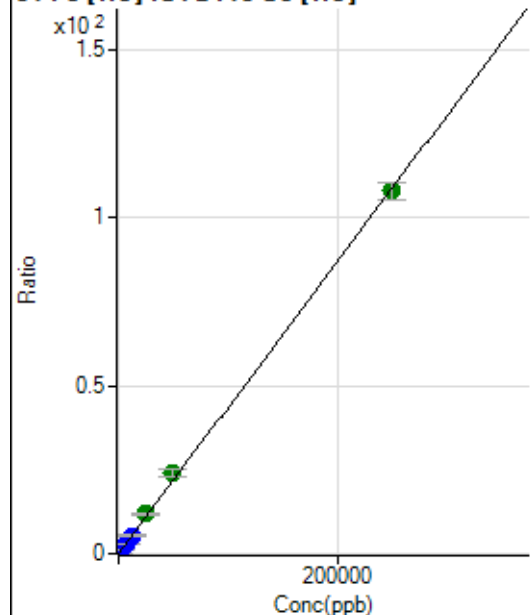
$$R = 0.9989$$

$$DL = 0.1399$$

$$BEC = 0.318$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	925.97	0.0050	P	4.3
2	☐	50.000	50.188	4980.58	0.0268	P	3.9
3	☐	2500.000	2584.045	206109.32	1.1278	P	3.8
4	☐	6250.000	6634.929	526591.80	2.8879	P	1.6
5	☐	12500.000	12194.205	1010045.13	5.3035	P	10.9
6	☐	25000.000	27256.704	2124234.35	11.8482	A	2.7
7	☐	50000.000	55091.020	4231779.12	23.9423	A	9.9
8	☐	250000.00	248760.95	19443748.81	108.0927	A	4.4

$$y = 4.3450E-004 * x + 0.0050$$

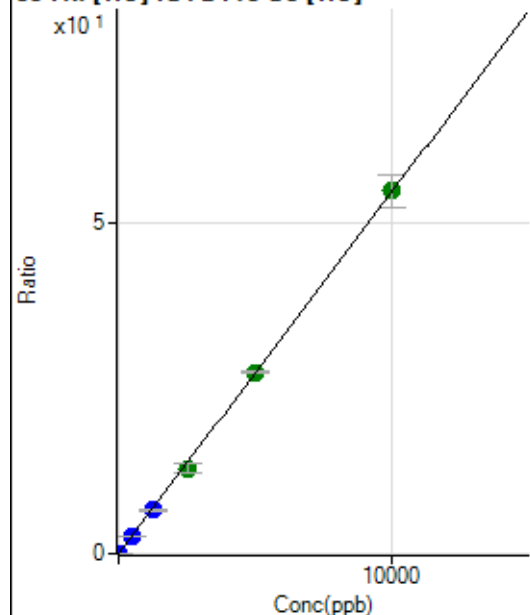
$$R = 0.9997$$

$$DL = 1.477$$

$$BEC = 11.57$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.22	0.0006	P	12.4
2	☐	1.000	0.968	1083.39	0.0058	P	7.1
3	☐	500.000	472.747	471538.51	2.5797	P	1.7
4	☐	1250.000	1201.444	1195438.82	6.5553	P	1.5
5	☐	2500.000	2349.090	2439876.09	12.8166	A	11.5
6	☐	5000.000	5016.562	4906999.75	27.3697	A	1.4
7	☐	10000.000	10036.879	9681400.55	54.7594	A	9.2
8	☐			5365.51	0.0298	P	5.5

$$y = 0.0055 * x + 5.5448E-004$$

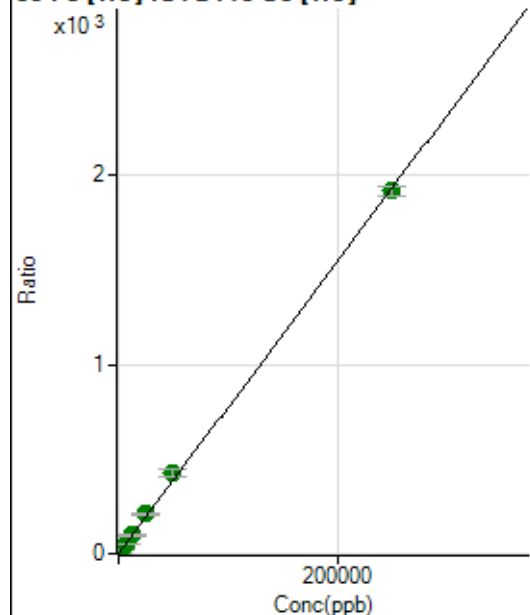
$$R = 0.9999$$

$$DL = 0.03784$$

$$BEC = 0.1016$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5093.59	0.0276	P	1.7
2	☐	50.000	48.539	74682.27	0.4023	P	1.4
3	☐	2500.000	2722.865	3847484.09	21.0465	A	2.5
4	☐	6250.000	6813.723	9596118.04	52.6255	A	3.1
5	☐	12500.000	12759.312	18741740.24	98.5218	A	12.7
6	☐	25000.000	27119.141	37536067.51	209.3710	A	3.3
7	☐	50000.000	55441.686	75693089.65	428.0040	A	8.8
8	☐	250000.00	248670.46	345317211.4	1,919.613	A	2.3

$$y = 0.0077 * x + 0.0276$$

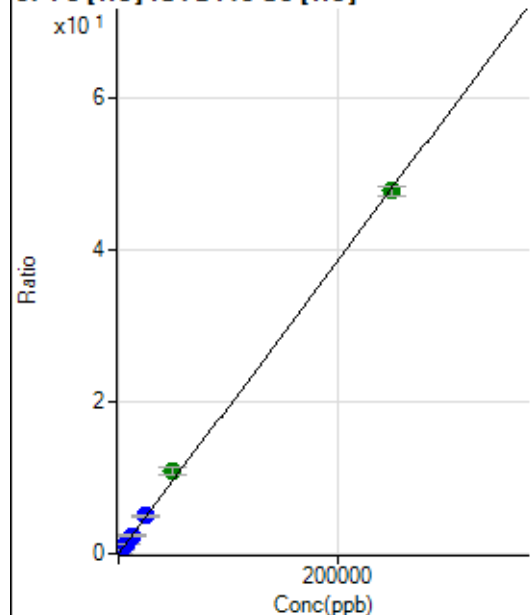
$$R = 0.9997$$

$$DL = 0.1822$$

$$BEC = 3.581$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	194.45	0.0011	P	22.5
2	☐	50.000	49.311	1955.73	0.0105	P	2.2
3	☐	2500.000	2593.264	91310.36	0.4996	P	2.9
4	☐	6250.000	6586.716	231121.06	1.2674	P	1.9
5	☐	12500.000	12335.723	451842.48	2.3727	P	11.0
6	☐	25000.000	25922.607	893709.46	4.9849	P	2.7
7	☐	50000.000	56375.474	1916846.74	10.8396	A	9.0
8	☐	250000.00	248631.50	8600223.80	47.8021	A	2.4

$$y = 1.9226\text{E-}004 * x + 0.0011$$

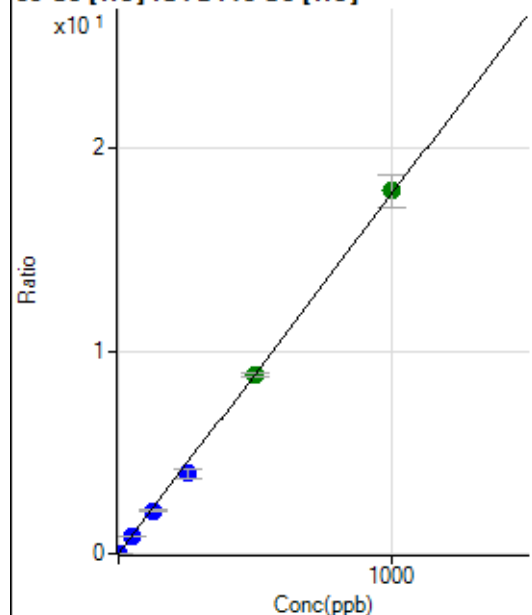
$$R = 0.9996$$

$$DL = 3.707$$

$$BEC = 5.492$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	42.22	0.0002	P	35.2
2	☐	1.000	0.906	3029.24	0.0163	P	2.8
3	☐	50.000	47.844	155275.10	0.8495	P	2.1
4	☐	125.000	120.004	388538.98	2.1305	P	1.1
5	☐	250.000	222.578	752352.92	3.9514	P	11.3
6	☐	500.000	497.295	1582730.86	8.8281	A	2.6
7	☐	1000.000	1008.941	3166878.67	17.9106	A	9.1
8	☐			11313.47	0.0629	P	3.4

$$y = 0.0178 * x + 2.2888\text{E-}004$$

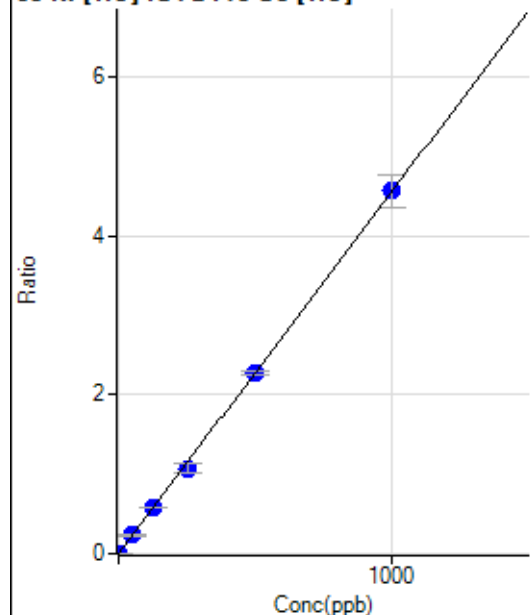
$$R = 0.9996$$

$$DL = 0.01362$$

$$BEC = 0.01289$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	80.00	0.0004	P	18.2
2	☐	1.000	0.972	901.15	0.0049	P	3.5
3	☐	50.000	50.522	42070.02	0.2301	P	2.8
4	☐	125.000	128.543	106664.98	0.5849	P	0.3
5	☐	250.000	235.452	203920.73	1.0710	P	11.3
6	☐	500.000	499.550	407292.83	2.2718	P	1.9
7	☐	1000.000	1003.393	806856.67	4.5627	P	8.8
8	☐			3155.94	0.0175	P	1.4

$$y = 0.0045 * x + 4.3426E-004$$

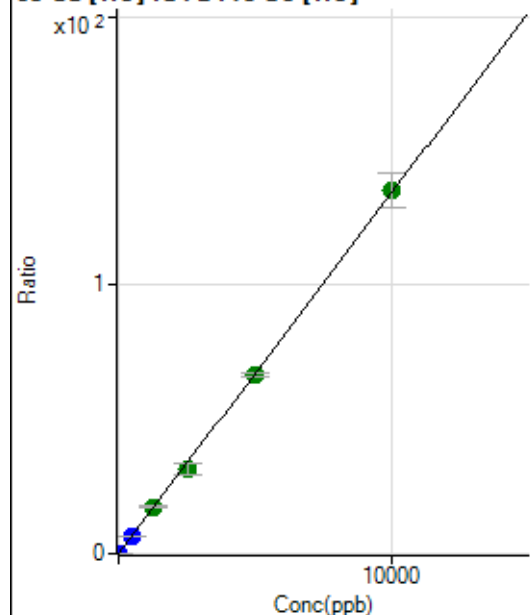
$$R = 0.9999$$

$$DL = 0.05201$$

$$BEC = 0.09551$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1085.61	0.0059	P	5.6
2	☐	2.000	1.849	5706.76	0.0307	P	2.6
3	☐	500.000	485.966	1194608.24	6.5360	P	1.9
4	☐	1250.000	1304.024	3196224.78	17.5284	A	1.5
5	☐	2500.000	2346.689	5997265.47	31.5390	A	13.4
6	☐	5000.000	4956.029	11940944.68	66.6014	A	1.7
7	☐	10000.000	10054.262	23883841.03	135.1077	A	9.6
8	☐			4727.50	0.0263	P	1.8

$$y = 0.0134 * x + 0.0059$$

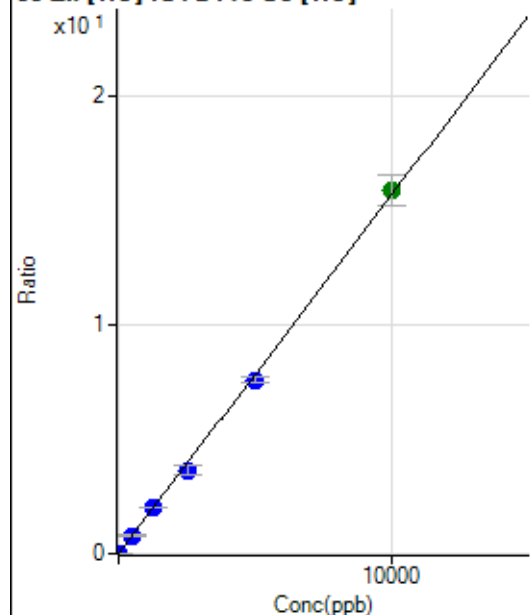
$$R = 0.9998$$

$$DL = 0.0736$$

$$BEC = 0.4385$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	220.00	0.0012	P	22.9
2	☐	2.000	2.161	851.15	0.0046	P	4.3
3	☐	500.000	503.483	144630.79	0.7912	P	3.5
4	☐	1250.000	1283.361	367407.41	2.0148	P	0.8
5	☐	2500.000	2315.946	692328.37	3.6349	P	10.7
6	☐	5000.000	4850.351	1364543.30	7.6114	P	2.7
7	☐	10000.000	10116.494	2807980.65	15.8740	A	8.4
8	☐			2291.32	0.0127	P	1.6

$$y = 0.0016 * x + 0.0012$$

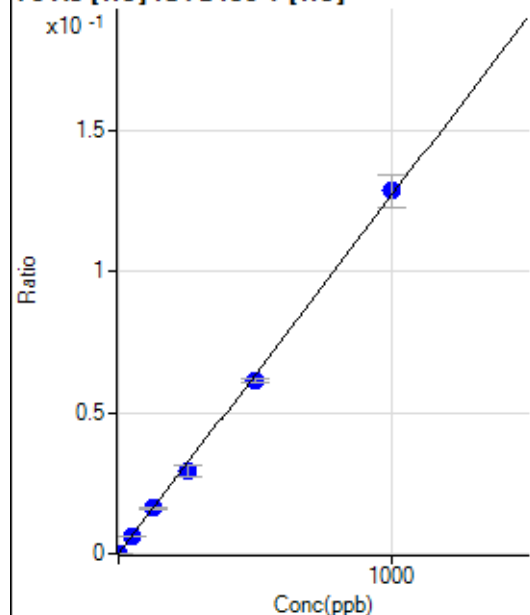
$$R = 0.9996$$

$$DL = 0.5236$$

$$BEC = 0.7614$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6.00	0.0000	P	45.3
2	☐	1.000	0.936	166.35	0.0001	P	3.8
3	☐	50.000	49.665	8169.19	0.0063	P	0.5
4	☐	125.000	126.354	20731.59	0.0160	P	3.2
5	☐	250.000	232.205	39864.28	0.0294	P	14.9
6	☐	500.000	482.810	80300.66	0.0612	P	2.6
7	☐	1000.000	1012.891	162439.54	0.1284	P	9.0
8	☐			113.34	0.0001	P	16.5

$$y = 1.2674E-004 * x + 4.6350E-006$$

$$R = 0.9996$$

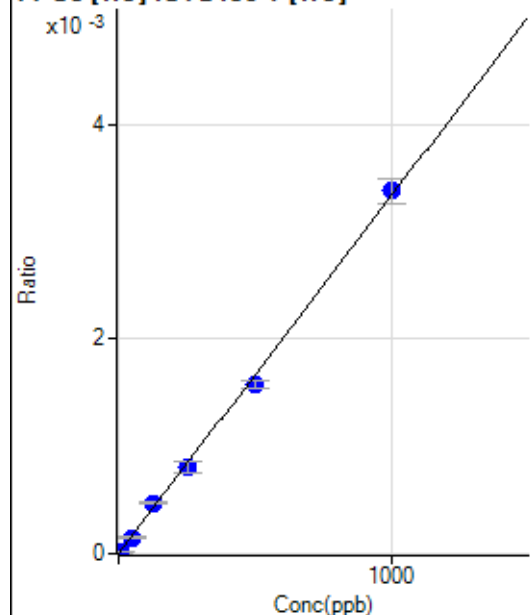
$$DL = 0.04974$$

$$BEC = 0.03657$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	5.000	4.173	21.11	0.0000	P	47.6
3	☐	50.000	44.951	196.67	0.0002	P	3.8
4	☐	125.000	140.484	608.91	0.0005	P	3.2
5	☐	250.000	241.548	1095.61	0.0008	P	13.4
6	☐	500.000	474.280	2077.95	0.0016	P	4.4
7	☐	1000.000	1013.294	4284.03	0.0034	P	7.1
8	☐			3.33	0.0000	P	99.5

$$y = 3.3360\text{E-}006 * x + 1.7150\text{E-}006$$

$$R = 0.9993$$

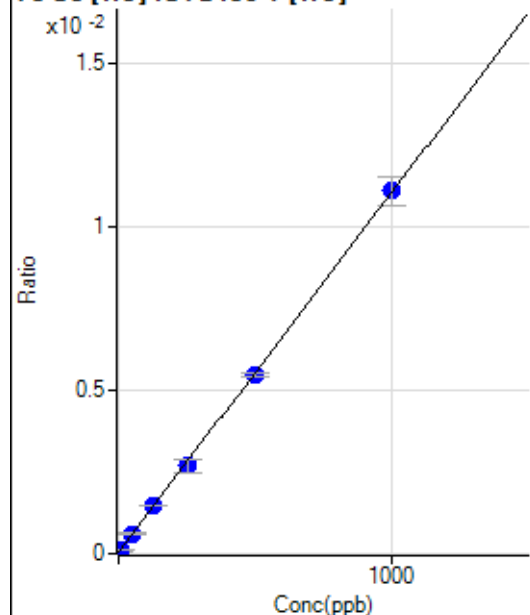
$$DL = 2.671$$

$$BEC = 0.5141$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	59.68	0.0000	P	18.6
2	☐	5.000	5.612	145.02	0.0001	P	7.4
3	☐	50.000	51.889	798.11	0.0006	P	4.3
4	☐	125.000	128.100	1880.32	0.0015	P	1.7
5	☐	250.000	239.632	3629.50	0.0027	P	13.5
6	☐	500.000	493.878	7175.89	0.0055	P	1.5
7	☐	1000.000	1005.168	14025.71	0.0111	P	8.2
8	☐			82.01	0.0001	P	5.1

$$y = 1.0977\text{E-}005 * x + 4.5973\text{E-}005$$

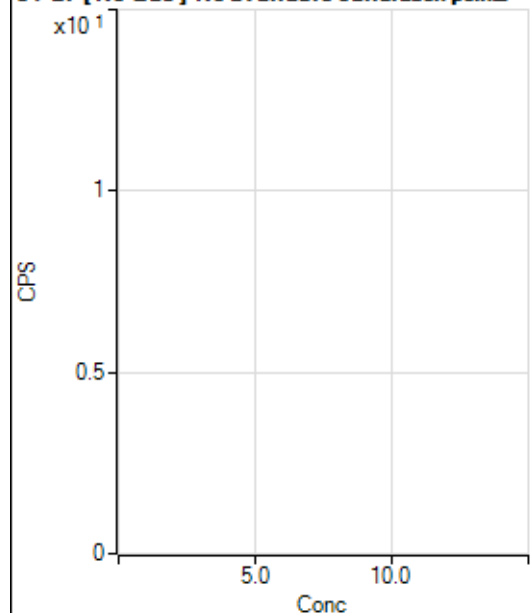
$$R = 0.9999$$

$$DL = 2.338$$

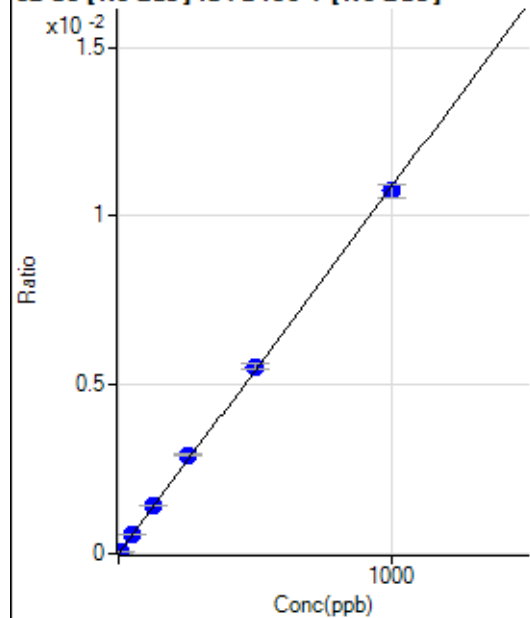
$$BEC = 4.188$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			56117.24		P	3.1
2	☐			55739.37		P	1.4
3	☐			56831.89		P	2.1
4	☐			56272.02		P	1.4
5	☐			56156.77		P	0.6
6	☐			55631.39		P	0.9
7	☐			55980.18		P	3.8
8	☐			56764.14		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.67	0.0000	P	3396.
2	☐	5.000	5.162	667.88	0.0001	P	5.2
3	☐	50.000	54.068	6987.79	0.0006	P	0.5
4	☐	125.000	132.536	17496.80	0.0014	P	1.3
5	☐	250.000	269.644	34644.84	0.0029	P	2.5
6	☐	500.000	510.036	67296.92	0.0055	P	3.2
7	☐	1000.000	988.925	133775.05	0.0107	P	3.7
8	☐			222.06	0.0000	P	23.7

$$y = 1.0866E-005 * x + 9.5137E-008$$

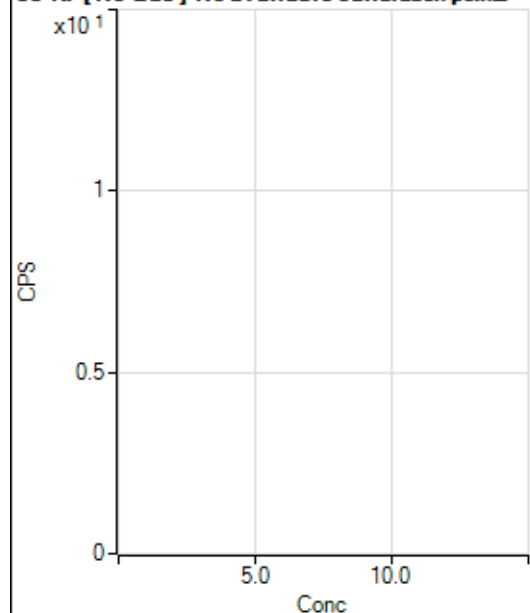
$$R = 0.9997$$

$$DL = 0.8922$$

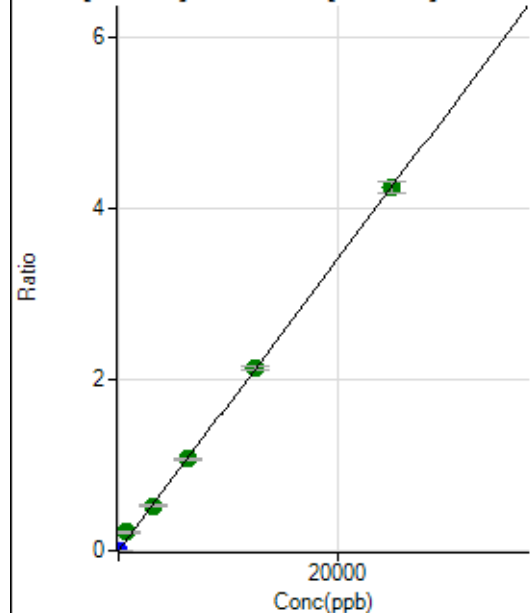
$$BEC = 0.008756$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			515.78		P	7.8
2	☐			487.03		P	5.2
3	☐			467.03		P	7.3
4	☐			480.37		P	4.0
5	☐			487.03		P	2.4
6	☐			513.70		P	4.3
7	☐			510.37		P	1.3
8	☐			511.62		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	741.71	0.0001	P	9.6
2	☐	1.000	0.994	2747.57	0.0002	P	3.6
3	☐	625.000	1263.093	2554715.60	0.2149	A	3.8
4	☐	3125.000	3068.939	6339997.11	0.5221	A	3.3
5	☐	6250.000	6285.109	12640516.00	1.0692	A	3.1
6	☐	12500.000	12562.709	25958407.70	2.1370	A	2.3
7	☐	25000.000	24950.923	52842841.80	4.2442	A	3.3
8	☐			12419.69	0.0010	P	0.7

$$y = 1.7010E-004 * x + 6.2022E-005$$

$$R = 0.9997$$

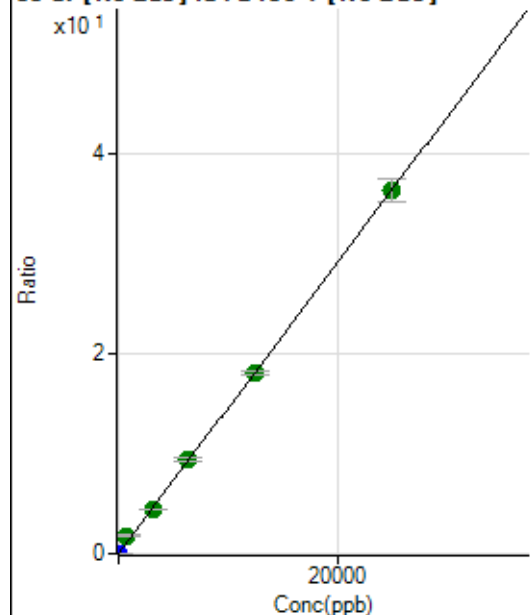
$$DL = 0.1055$$

$$BEC = 0.3646$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	252.79	0.0000	P	22.1
2	☐	1.000	0.936	16398.91	0.0014	P	1.8
3	☐	625.000	1248.257	21545326.00	1.8119	A	2.0
4	☐	3125.000	3094.262	54565328.30	4.4914	A	0.5
5	☐	6250.000	6461.741	110895791.3	9.3794	A	3.4
6	☐	12500.000	12425.507	219055800.7	18.0359	A	2.2
7	☐	25000.000	24972.572	450902210.0	36.2482	A	6.4
8	☐			101075.23	0.0083	P	0.9

$$y = 0.0015 * x + 2.1179E-005$$

$$R = 0.9997$$

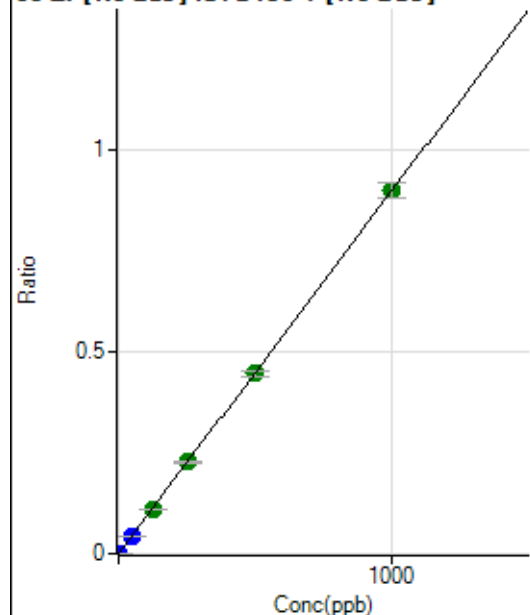
$$DL = 0.009688$$

$$BEC = 0.01459$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	483.36	0.0000	P	13.5
2	☐	1.000	0.895	10053.91	0.0008	P	4.6
3	☐	50.000	49.169	526259.70	0.0443	P	2.4
4	☐	125.000	123.067	1345092.28	0.1107	A	2.1
5	☐	250.000	252.891	2690562.64	0.2275	A	0.8
6	☐	500.000	497.092	5429561.58	0.4471	A	2.9
7	☐	1000.000	1001.015	11207051.73	0.9003	A	4.2
8	☐			4417.49	0.0004	P	7.2

$$y = 8.9939E-004 * x + 4.0530E-005$$

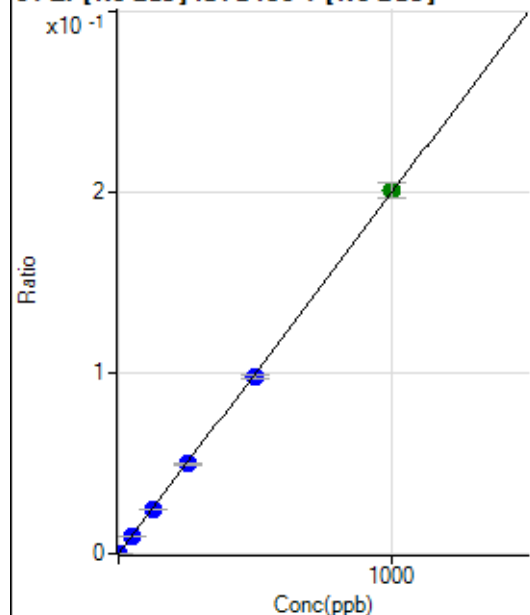
$$R = 1.0000$$

$$DL = 0.01831$$

$$BEC = 0.04506$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.12	0.0000	P	39.1
2	☐	1.000	0.929	2294.70	0.0002	P	3.8
3	☐	50.000	49.772	118437.17	0.0100	P	0.9
4	☐	125.000	121.987	296370.12	0.0244	P	2.4
5	☐	250.000	249.507	590071.72	0.0499	P	1.6
6	☐	500.000	490.821	1192071.65	0.0982	P	2.2
7	☐	1000.000	1005.101	2501661.69	0.2010	A	4.3
8	☐			1016.74	0.0001	P	0.9

$$y = 1.9996\text{E-}004 * x + 7.2604\text{E-}006$$

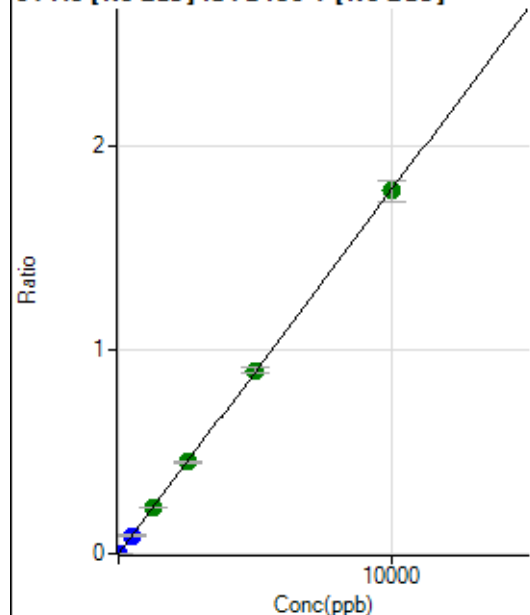
$$R = 0.9999$$

$$DL = 0.04262$$

$$BEC = 0.03631$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	188.89	0.0000	P	34.3
2	☐	5.000	5.579	12044.46	0.0010	P	5.9
3	☐	500.000	498.016	1058955.19	0.0891	P	1.9
4	☐	1250.000	1272.478	2763813.69	0.2275	A	1.3
5	☐	2500.000	2516.954	5321478.16	0.4500	A	1.9
6	☐	5000.000	5036.735	10935299.63	0.9005	A	3.0
7	☐	10000.000	9974.683	22188419.77	1.7833	A	5.6
8	☐			7852.42	0.0006	P	2.1

$$y = 1.7878\text{E-}004 * x + 1.5658\text{E-}005$$

$$R = 1.0000$$

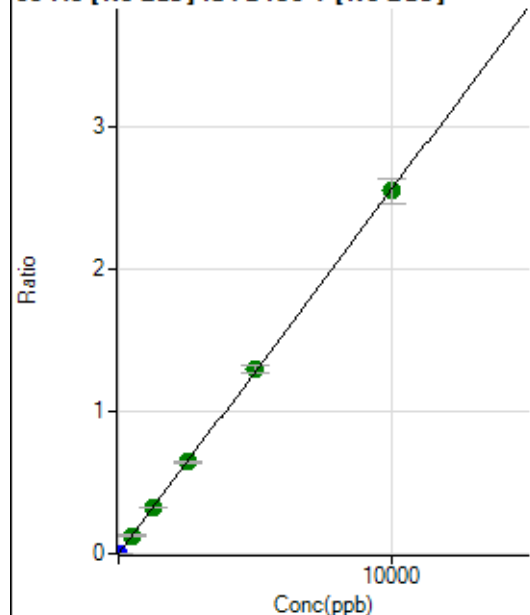
$$DL = 0.09024$$

$$BEC = 0.08758$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	47.1
2	☐	5.000	4.864	14774.91	0.0012	P	6.6
3	☐	500.000	498.352	1512121.49	0.1272	A	4.5
4	☐	1250.000	1262.563	3913550.44	0.3223	A	3.1
5	☐	2500.000	2514.745	7589743.23	0.6419	A	2.1
6	☐	5000.000	5055.745	15666880.73	1.2905	A	4.6
7	☐	10000.000	9966.953	31639621.54	2.5440	A	7.1
8	☐			10078.96	0.0008	P	11.1

$$y = 2.5525\text{E-}004 * x + 1.3773\text{E-}006$$

$$R = 1.0000$$

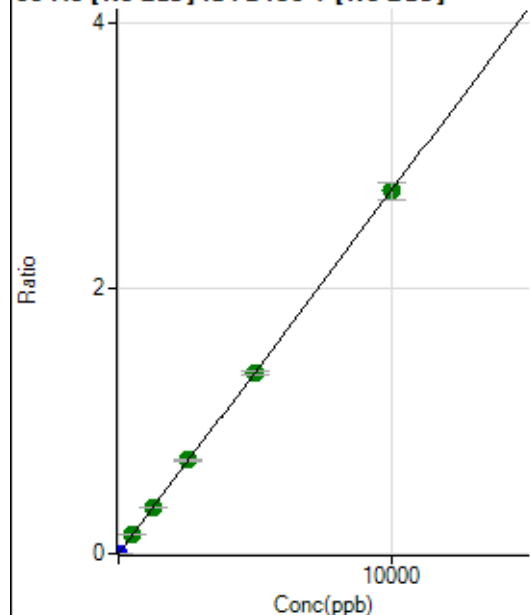
$$DL = 0.007632$$

$$BEC = 0.005396$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	158.34	0.0000	P	28.1
2	☐	5.000	5.111	16807.86	0.0014	P	2.7
3	☐	500.000	514.804	1677259.97	0.1411	A	3.5
4	☐	1250.000	1280.163	4261108.25	0.3508	A	2.5
5	☐	2500.000	2572.905	8335864.94	0.7051	A	3.5
6	☐	5000.000	4982.021	16583201.06	1.3653	A	2.8
7	☐	10000.000	9986.252	34056805.62	2.7367	A	5.0
8	☐			25357.38	0.0021	P	4.3

$$y = 2.7405\text{E-}004 * x + 1.3256\text{E-}005$$

$$R = 1.0000$$

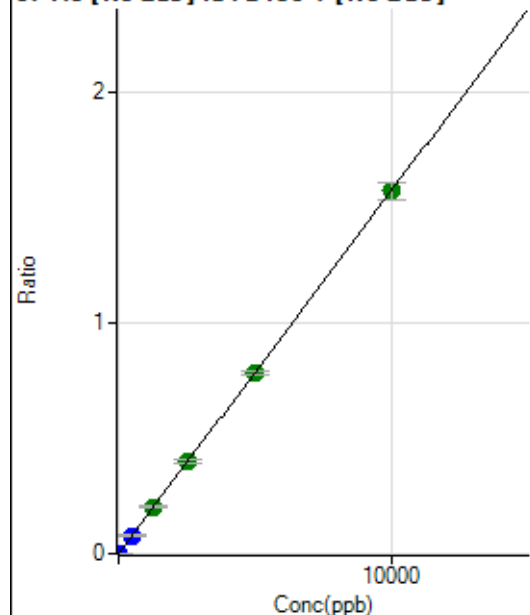
$$DL = 0.0407$$

$$BEC = 0.04837$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.7
2	☐	5.000	4.944	9250.61	0.0008	P	1.6
3	☐	500.000	502.615	940111.25	0.0791	P	2.2
4	☐	1250.000	1274.755	2434868.72	0.2005	A	4.6
5	☐	2500.000	2548.678	4741019.20	0.4009	A	3.2
6	☐	5000.000	4985.028	9526481.12	0.7842	A	2.1
7	☐	10000.000	9992.092	19560557.90	1.5718	A	4.9
8	☐			6585.08	0.0005	P	9.9

$$y = 1.5731E-004 * x + 4.7207E-007$$

$$R = 1.0000$$

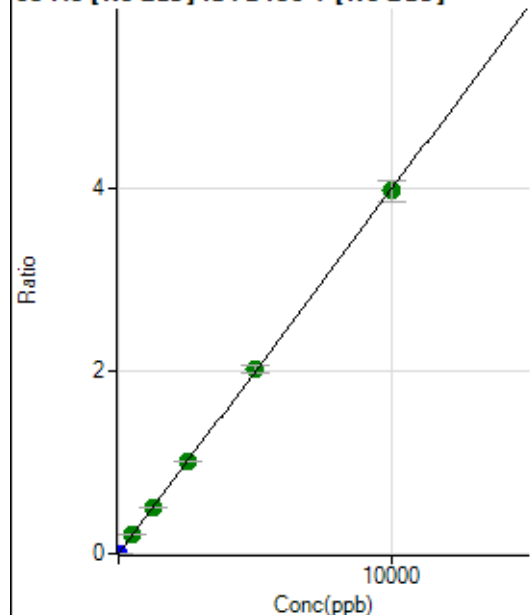
$$DL = 0.007805$$

$$BEC = 0.003001$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	35.2
2	☐	5.000	4.768	22663.47	0.0019	P	1.5
3	☐	500.000	513.151	2436430.94	0.2049	A	1.4
4	☐	1250.000	1264.389	6130030.61	0.5047	A	3.6
5	☐	2500.000	2529.105	11940870.15	1.0096	A	1.0
6	☐	5000.000	5075.079	24597704.20	2.0259	A	4.0
7	☐	10000.000	9952.728	49434808.74	3.9731	A	5.5
8	☐			15125.31	0.0012	P	8.4

$$y = 3.9919E-004 * x + 3.2694E-006$$

$$R = 1.0000$$

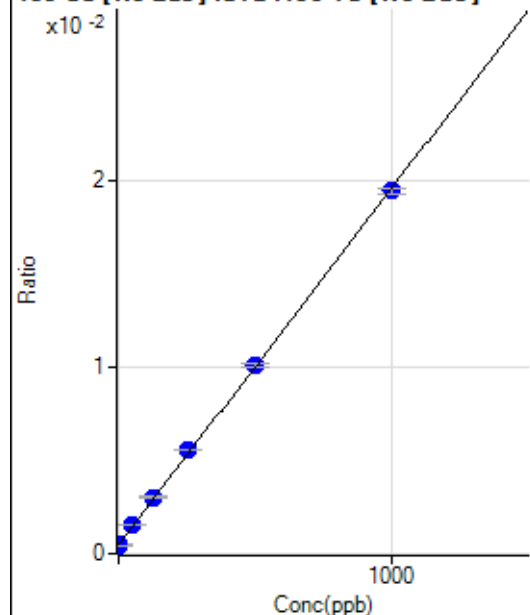
$$DL = 0.00865$$

$$BEC = 0.00819$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4211.87	0.0005	P	2.9
2	☐	1.000	-1.495	3875.64	0.0005	P	3.5
3	☐	50.000	54.750	12898.00	0.0015	P	2.0
4	☐	125.000	133.283	26982.53	0.0030	P	5.1
5	☐	250.000	265.867	47223.82	0.0056	P	1.2
6	☐	500.000	502.850	89335.62	0.0101	P	2.0
7	☐	1000.000	993.338	175578.33	0.0194	P	1.3
8	☐			4286.91	0.0005	P	4.1

$$y = 1.9071\text{E-}005 * x + 4.7997\text{E-}004$$

$$R = 0.9998$$

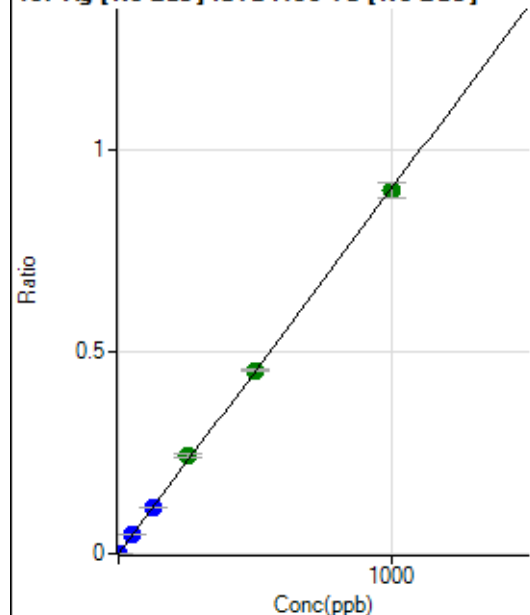
$$DL = 2.227$$

$$BEC = 25.17$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0000	P	8.1
2	☐	1.000	0.991	7769.14	0.0009	P	3.1
3	☐	50.000	52.708	403654.60	0.0477	P	2.0
4	☐	125.000	126.066	1019166.88	0.1141	P	2.8
5	☐	250.000	268.289	2065922.40	0.2428	A	2.9
6	☐	500.000	502.856	4038649.48	0.4552	A	1.2
7	☐	1000.000	993.731	8127077.61	0.8995	A	4.3
8	☐			2247.47	0.0003	P	8.5

$$y = 9.0512\text{E-}004 * x + 8.8718\text{E-}006$$

$$R = 0.9998$$

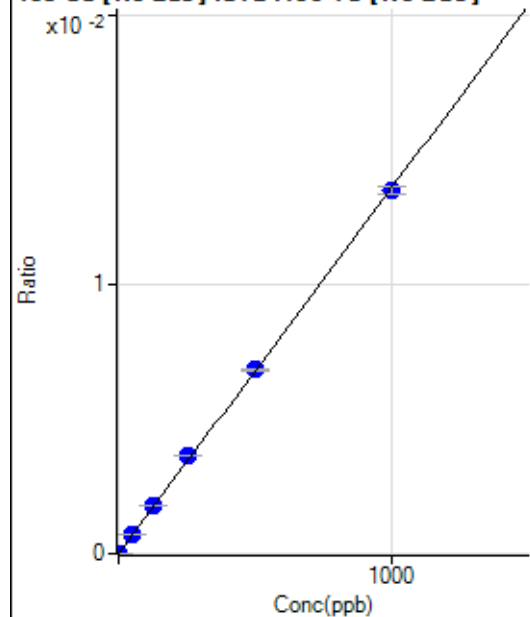
$$DL = 0.002368$$

$$BEC = 0.009802$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	40.28	0.0000	P	15.3
2	☐	1.000	0.948	150.00	0.0000	P	8.7
3	☐	50.000	54.365	6277.89	0.0007	P	1.2
4	☐	125.000	131.623	15992.76	0.0018	P	2.3
5	☐	250.000	267.008	30856.91	0.0036	P	0.1
6	☐	500.000	504.111	60709.89	0.0068	P	0.8
7	☐	1000.000	992.646	121735.76	0.0135	P	2.0
8	☐			73.61	0.0000	P	18.4

$$y = 1.3564\text{E-}005 * x + 4.5858\text{E-}006$$

$$R = 0.9998$$

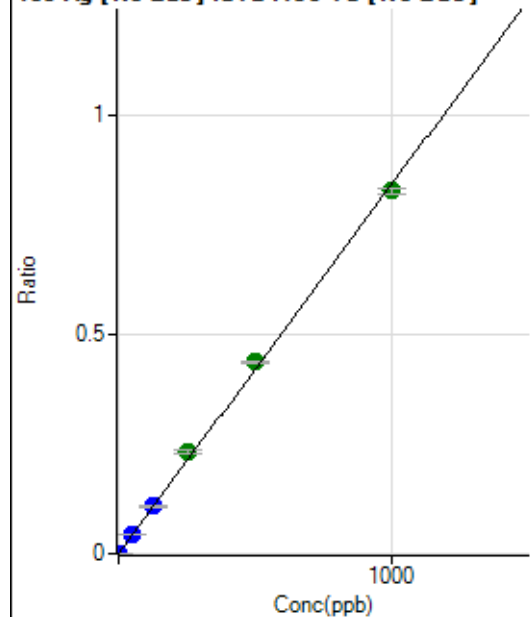
$$DL = 0.1547$$

$$BEC = 0.3381$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.55	0.0000	P	15.1
2	☐	1.000	1.041	7552.28	0.0009	P	4.9
3	☐	50.000	53.551	382036.25	0.0452	P	2.2
4	☐	125.000	128.168	965248.38	0.1081	P	3.5
5	☐	250.000	276.818	1985794.79	0.2334	A	3.1
6	☐	500.000	519.320	3886405.60	0.4379	A	0.8
7	☐	1000.000	983.062	7493337.84	0.8290	A	1.4
8	☐			1961.31	0.0002	P	5.8

$$y = 8.4327\text{E-}004 * x + 3.4790\text{E-}006$$

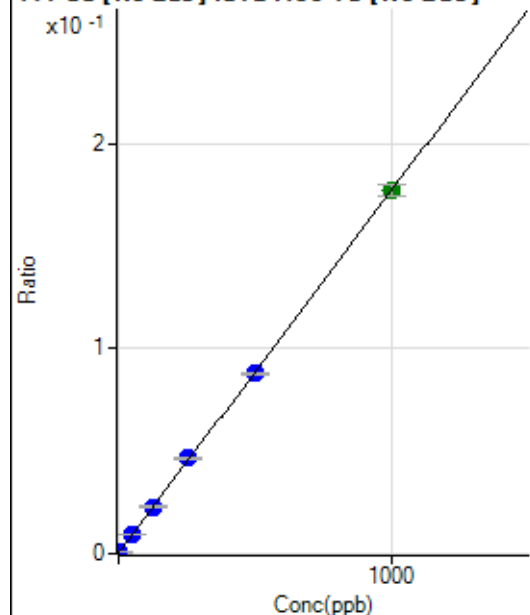
$$R = 0.9993$$

$$DL = 0.00187$$

$$BEC = 0.004126$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2924.29	0.0003	P	3.0
2	☐	1.000	0.879	4194.17	0.0005	P	3.9
3	☐	50.000	52.762	81648.65	0.0097	P	2.1
4	☐	125.000	127.659	204337.48	0.0229	P	3.5
5	☐	250.000	261.440	395664.88	0.0465	P	1.6
6	☐	500.000	495.422	779263.27	0.0878	P	1.1
7	☐	1000.000	998.959	1597599.31	0.1768	A	3.1
8	☐			3200.70	0.0004	P	2.9

$$y = 1.7661\text{E-}004 * x + 3.3322\text{E-}004$$

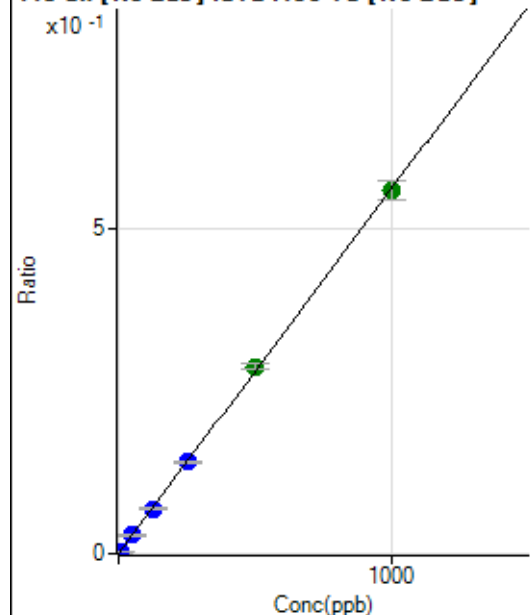
$$R = 0.9999$$

$$DL = 0.1715$$

$$BEC = 1.887$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2053.01	0.0002	P	14.1
2	☐	5.000	4.802	25059.73	0.0029	P	4.4
3	☐	50.000	50.488	241012.00	0.0285	P	3.5
4	☐	125.000	122.512	614607.49	0.0688	P	1.8
5	☐	250.000	251.428	1199211.57	0.1410	P	2.6
6	☐	500.000	511.508	2541545.87	0.2865	A	3.1
7	☐	1000.000	994.176	5028438.65	0.5567	A	5.4
8	☐			5679.11	0.0006	P	3.2

$$y = 5.5974\text{E-}004 * x + 2.3459\text{E-}004$$

$$R = 0.9999$$

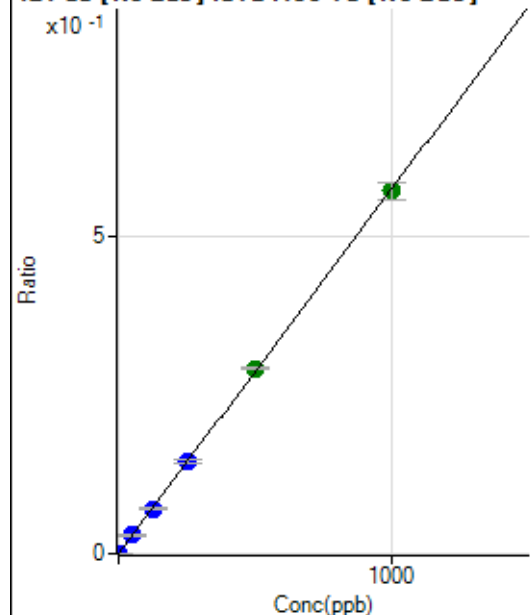
$$DL = 0.1776$$

$$BEC = 0.4191$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	93.0
2	☐	2.000	1.969	9720.39	0.0011	P	7.2
3	☐	50.000	50.793	247130.93	0.0292	P	3.6
4	☐	125.000	122.869	631272.40	0.0707	P	2.7
5	☐	250.000	253.239	1239031.47	0.1457	P	3.2
6	☐	500.000	508.384	2594610.34	0.2924	A	0.6
7	☐	1000.000	995.225	5171591.30	0.5725	A	4.5
8	☐			4495.31	0.0005	P	16.3

$$y = 5.7521\text{E-}004 * x + 1.5715\text{E-}006$$

$$R = 0.9999$$

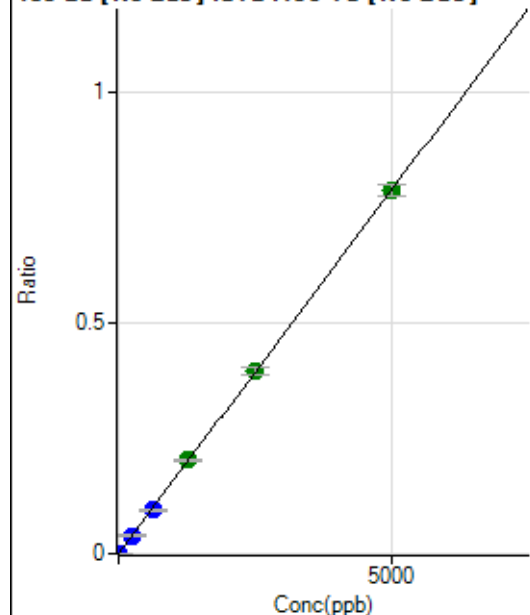
$$DL = 0.007621$$

$$BEC = 0.002732$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	62.1
2	☐	10.000	8.963	12158.63	0.0014	P	2.8
3	☐	250.000	249.291	332753.48	0.0393	P	3.8
4	☐	625.000	596.075	840108.73	0.0941	P	3.2
5	☐	1250.000	1285.460	1725639.30	0.2029	A	2.7
6	☐	2500.000	2508.096	3510114.10	0.3958	A	3.9
7	☐	5000.000	4990.740	7116837.83	0.7876	A	3.3
8	☐			2728.13	0.0003	P	11.9

$$y = 1.5781\text{E-}004 * x + 2.1873\text{E-}006$$

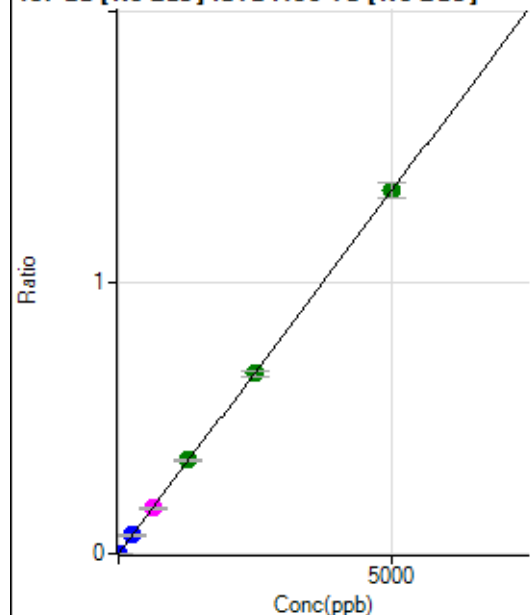
$$R = 0.9999$$

$$DL = 0.02584$$

$$BEC = 0.01386$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	33.33	0.0000	P	39.4
2	☐	10.000	9.292	21342.51	0.0025	P	1.4
3	☐	250.000	253.899	573911.51	0.0678	P	2.9
4	☐	625.000	627.237	1496810.41	0.1676	M	4.0
5	☐	1250.000	1290.527	2933426.19	0.3449	A	2.9
6	☐	2500.000	2478.152	5873482.43	0.6622	A	2.9
7	☐	5000.000	5000.319	12071522.40	1.3362	A	4.2
8	☐			4984.40	0.0006	P	4.2

$$y = 2.6721E-004 * x + 3.7627E-006$$

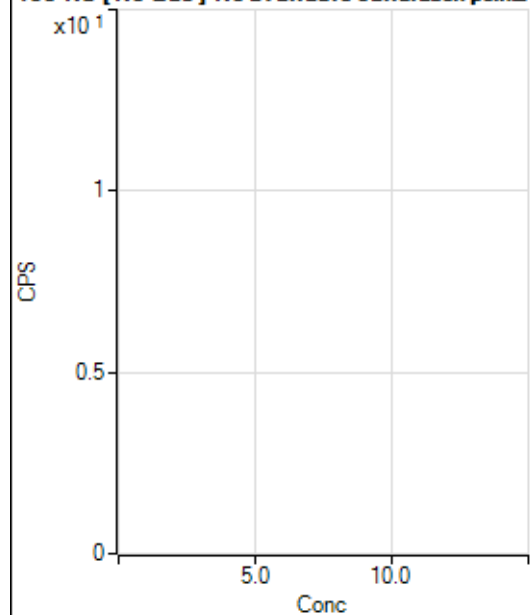
$$R = 0.9999$$

$$DL = 0.01665$$

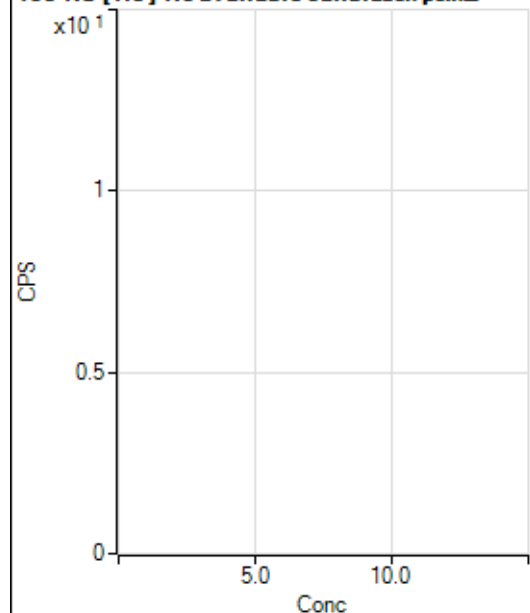
$$BEC = 0.01408$$

Weight: <None>

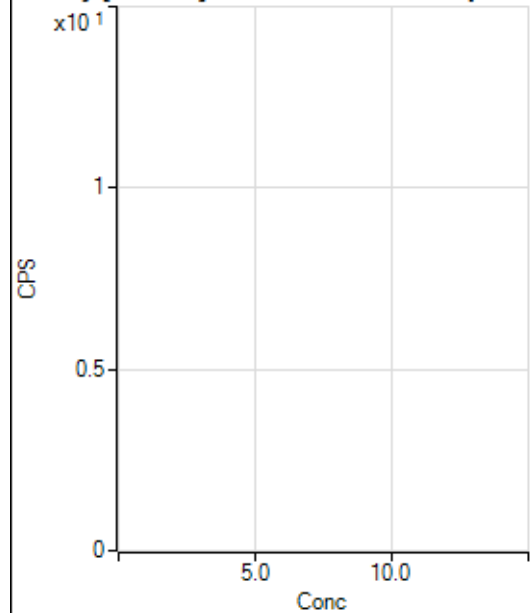
Min Conc: 0

150 Nd [No Gas] No available calibration points

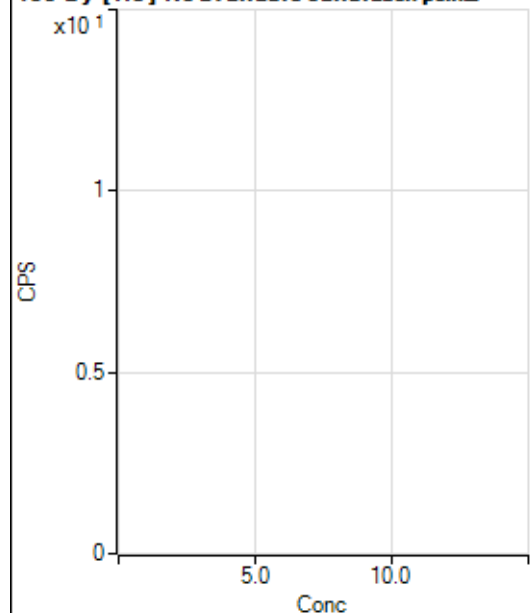
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	100.0
2	☐			8.89		P	86.6
3	☐			22.22		P	45.8
4	☐			88.89		P	4.3
5	☐			186.67		P	7.1
6	☐			271.12		P	9.3
7	☐			671.14		P	11.3
8	☐			60.00		P	19.2

150 Nd [He] No available calibration points

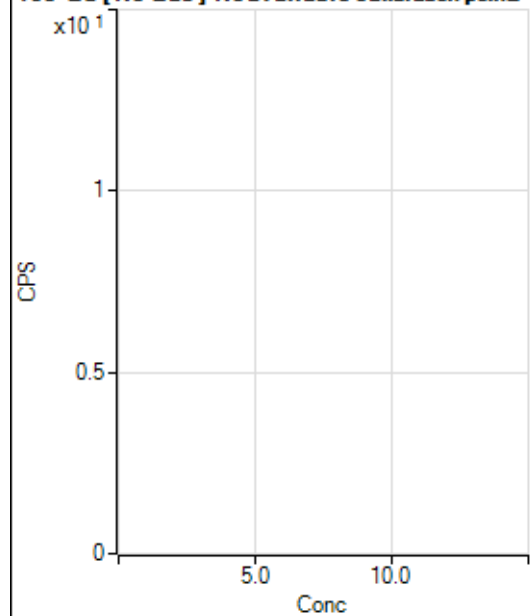
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.2
4	☐			7.78		P	89.2
5	☐			10.00		P	57.8
6	☐			30.00		P	48.4
7	☐			38.89		P	32.4
8	☐			15.55		P	24.8

156 Dy [No Gas] No available calibration points

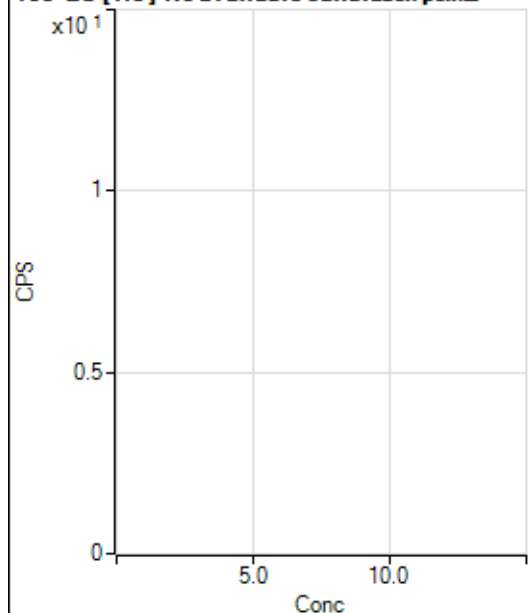
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.78		P	173.2
2	☐			8.33		P	100.0
3	☐			27.78		P	75.5
4	☐			52.78		P	71.2
5	☐			91.67		P	15.7
6	☐			161.12		P	42.1
7	☐			302.79		P	18.3
8	☐			766.71		P	8.5

156 Dy [He] No available calibration points

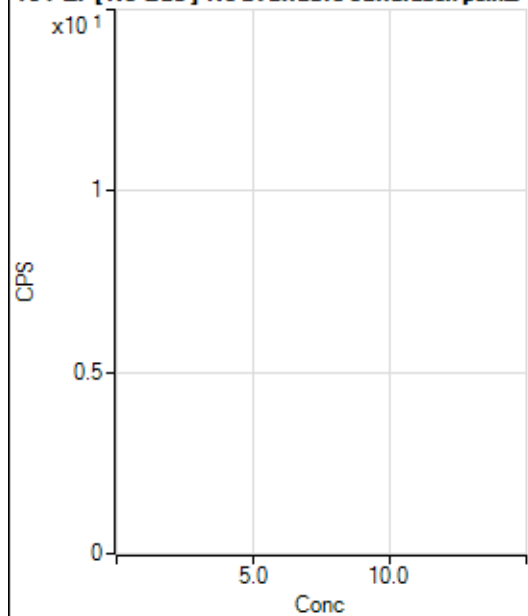
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	0.0
2	☐			2.22		P	86.6
3	☐			6.67		P	0.0
4	☐			15.56		P	32.7
5	☐			18.89		P	20.4
6	☐			60.00		P	5.5
7	☐			120.00		P	9.6
8	☐			241.11		P	13.9

160 Gd [No Gas] Noavailable calibration poin_

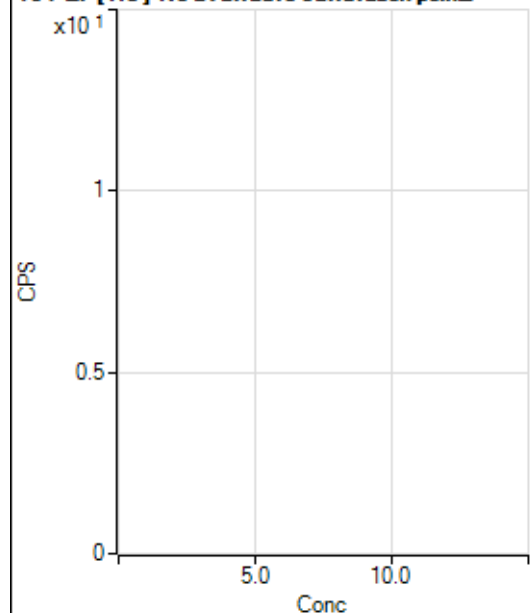
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			69.45		P	6.9
2	☐			55.56		P	67.6
3	☐			69.45		P	50.0
4	☐			100.00		P	44.1
5	☐			94.45		P	13.5
6	☐			144.45		P	33.8
7	☐			241.68		P	13.8
8	☐			555.58		P	4.3

160 Gd [He] No available calibration points

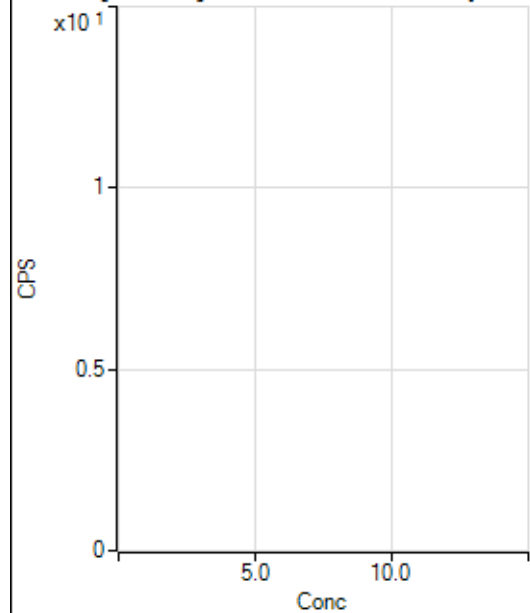
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			91.11		P	42.7
2	☐			83.33		P	17.4
3	☐			83.33		P	20.0
4	☐			86.66		P	17.6
5	☐			104.44		P	22.6
6	☐			118.89		P	10.6
7	☐			132.22		P	21.1
8	☐			272.23		P	14.6

164 Er [No Gas] No available calibration points

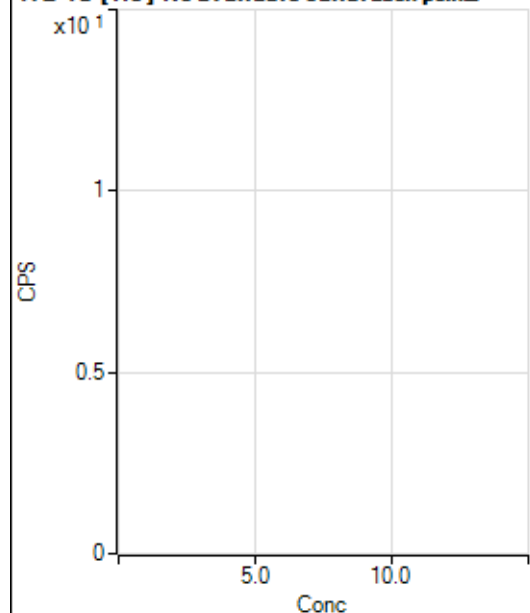
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	45.8
2	☐			33.33		P	43.3
3	☐			36.11		P	26.7
4	☐			33.33		P	25.0
5	☐			36.11		P	13.3
6	☐			58.33		P	37.8
7	☐			94.45		P	13.5
8	☐			75.00		P	50.9

164 Er [He] No available calibration points

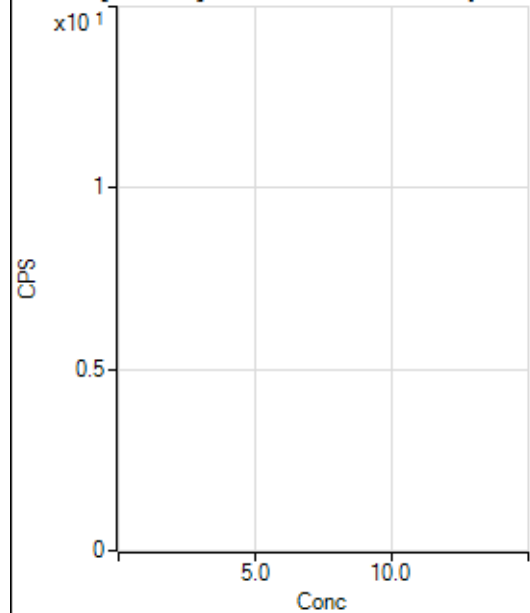
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	25.0
2	☐			18.89		P	10.2
3	☐			7.78		P	24.7
4	☐			25.56		P	49.4
5	☐			25.56		P	7.5
6	☐			21.11		P	48.2
7	☐			25.55		P	27.1
8	☐			20.00		P	76.4

172 Yb [No Gas] No available calibration points

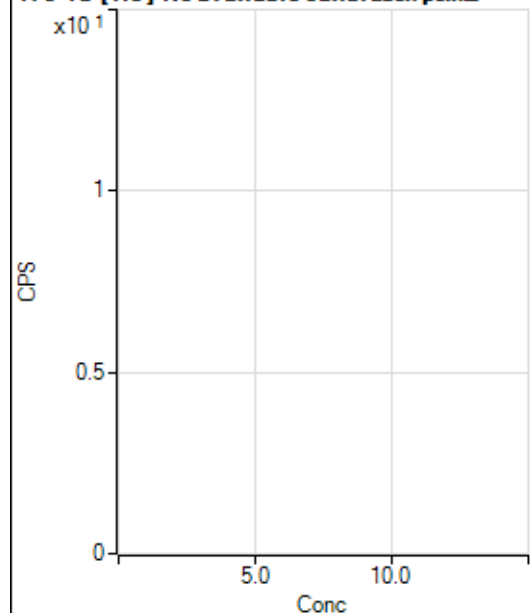
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			44.44		P	39.0
2	☐			33.34		P	43.3
3	☐			52.78		P	50.8
4	☐			47.23		P	40.8
5	☐			58.34		P	14.3
6	☐			75.00		P	50.9
7	☐			94.45		P	18.4
8	☐			119.45		P	14.5

172 Yb [He] No available calibration points

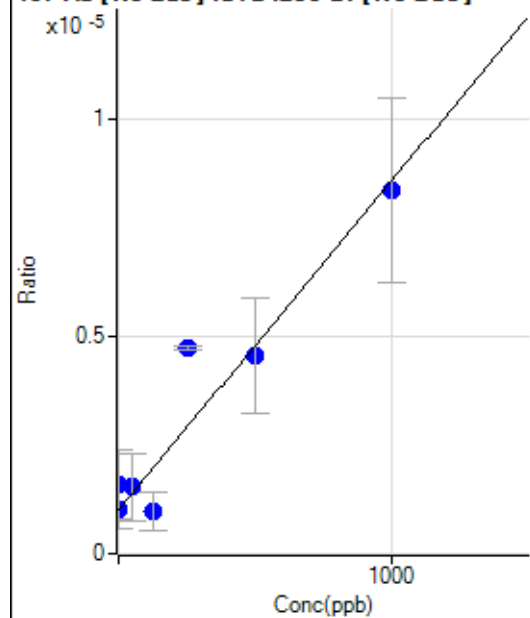
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			25.93		P	32.7
2	☐			22.22		P	25.0
3	☐			25.92		P	24.7
4	☐			37.04		P	22.9
5	☐			31.48		P	62.0
6	☐			33.34		P	72.6
7	☐			40.74		P	55.1
8	☐			83.33		P	13.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1383.45		P	17.0
2	☐			1319.55		P	7.6
3	☐			1961.31		P	5.3
4	☐			3081.01		P	6.5
5	☐			4361.96		P	3.5
6	☐			7421.73		P	5.8
7	☐			14110.74		P	3.0
8	☐			1491.79		P	8.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6016.29		P	5.1
2	☐			6259.00		P	2.4
3	☐			6379.44		P	0.8
4	☐			6876.00		P	4.7
5	☐			7783.92		P	6.7
6	☐			8577.00		P	1.7
7	☐			10923.25		P	5.4
8	☐			6221.97		P	4.4

197 Au [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	1.000	78.039	8.33	0.0000	P	100.7
3	☐	50.000	68.887	8.33	0.0000	P	99.2
4	☐	125.000	-3.953	5.55	0.0000	P	86.6
5	☐	250.000	494.449	25.00	0.0000	P	1.8
6	☐	500.000	468.758	25.00	0.0000	P	58.6
7	☐	1000.000	969.606	44.45	0.0000	P	51.1
8	☐			13.89	0.0000	P	122.7

$$y = 7.5780\text{E-}009 * x + 1.0061\text{E-}006$$

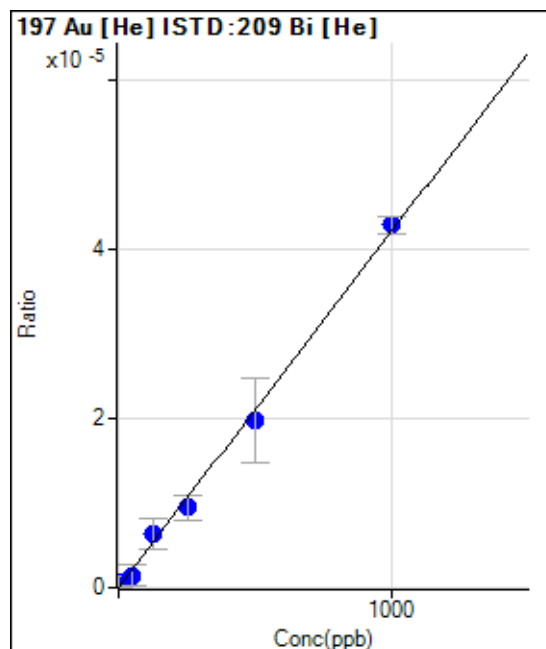
$$R = 0.9492$$

$$DL = 345$$

$$BEC = 132.8$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	16.978	1.85	0.0000	P	173.2
3	☐	50.000	34.466	3.70	0.0000	P	173.2
4	☐	125.000	149.601	16.67	0.0000	P	58.3
5	☐	250.000	224.365	25.92	0.0000	P	30.2
6	☐	500.000	471.521	50.00	0.0000	P	50.6
7	☐	1000.000	1018.334	103.71	0.0000	P	4.8
8	☐			0.00	0.0000	P	

$$y = 4.2060E-08 * x + 0.0000E+000$$

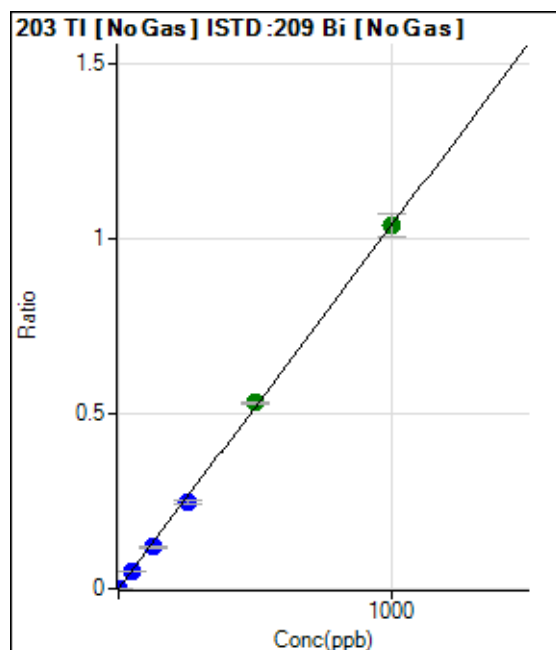
$$R = 0.9982$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	566.70	0.0001	P	9.4
2	☐	1.000	0.893	5409.64	0.0010	P	4.7
3	☐	50.000	46.881	260948.13	0.0487	P	4.6
4	☐	125.000	114.668	660359.94	0.1190	P	2.4
5	☐	250.000	240.348	1310607.82	0.2492	P	4.3
6	☐	500.000	510.933	2914666.95	0.5297	A	0.3
7	☐	1000.000	998.394	5551225.86	1.0350	A	6.5
8	☐			1866.86	0.0004	P	9.3

$$y = 0.0010 * x + 1.0487E-004$$

$$R = 0.9998$$

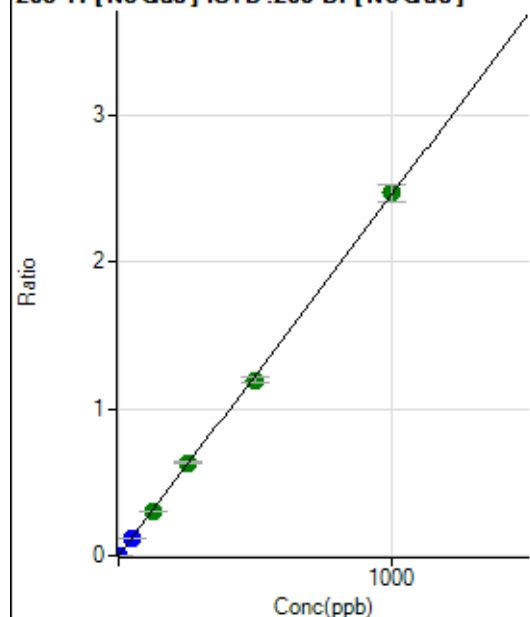
$$DL = 0.02842$$

$$BEC = 0.1012$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1244.54	0.0002	P	8.4
2	☐	1.000	0.923	13120.97	0.0025	P	4.3
3	☐	50.000	47.305	624637.12	0.1166	P	5.2
4	☐	125.000	123.527	1687956.89	0.3041	A	2.1
5	☐	250.000	256.599	3321394.22	0.6314	A	1.4
6	☐	500.000	487.039	6591186.43	1.1982	A	2.7
7	☐	1000.000	1005.150	13269215.23	2.4726	A	4.7
8	☐			4553.71	0.0009	P	2.0

$$y = 0.0025 * x + 2.3002E-004$$

$$R = 0.9999$$

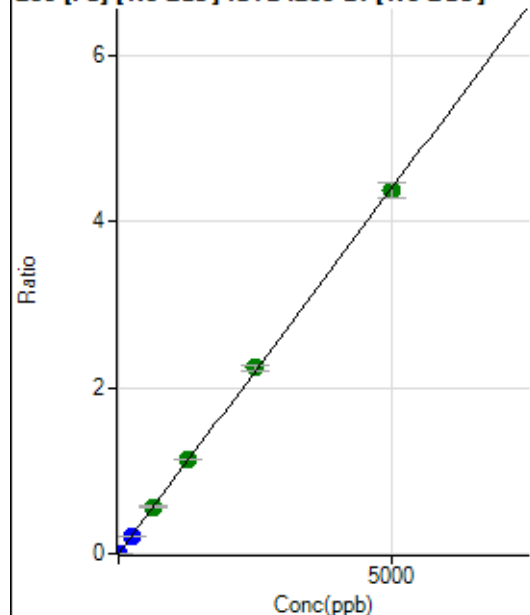
$$DL = 0.02369$$

$$BEC = 0.09351$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	583.36	0.0001	P	15.0
2	☐	1.000	0.907	4754.66	0.0009	P	2.8
3	☐	250.000	235.398	1111013.30	0.2073	P	3.8
4	☐	625.000	641.304	3133690.14	0.5646	A	5.2
5	☐	1250.000	1286.226	5956716.40	1.1323	A	0.8
6	☐	2500.000	2543.831	12319605.71	2.2394	A	2.8
7	☐	5000.000	4967.720	23470788.95	4.3731	A	4.4
8	☐			3908.06	0.0008	P	3.0

$$y = 8.8028E-004 * x + 1.0773E-004$$

$$R = 0.9999$$

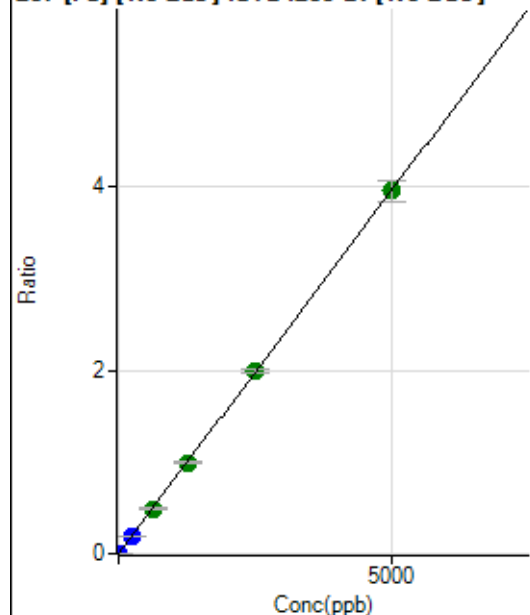
$$DL = 0.05516$$

$$BEC = 0.1224$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	520.39	0.0001	P	11.6
2	☐	1.000	0.849	4032.19	0.0008	P	2.7
3	☐	250.000	231.111	981114.88	0.1831	P	3.3
4	☐	625.000	612.906	2692305.09	0.4853	A	4.4
5	☐	1250.000	1254.918	5225794.33	0.9936	A	3.1
6	☐	2500.000	2510.521	10933419.57	1.9876	A	2.5
7	☐	5000.000	4995.966	21217999.55	3.9553	A	5.9
8	☐			3507.95	0.0007	P	2.7

$$y = 7.9168\text{E-}004 * x + 9.5998\text{E-}005$$

$$R = 1.0000$$

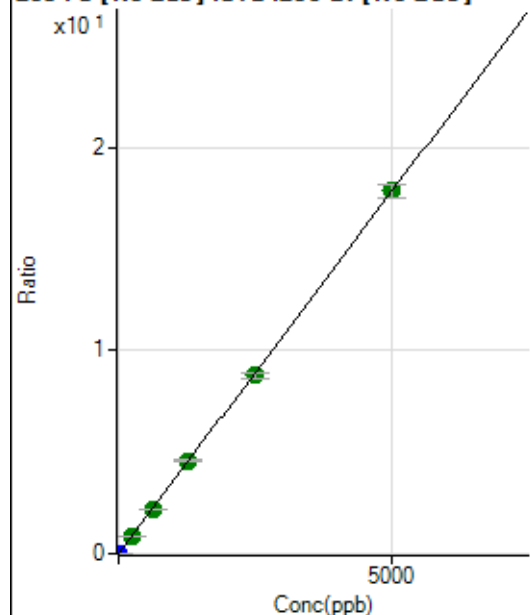
$$DL = 0.04222$$

$$BEC = 0.1213$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2344.58	0.0004	P	14.8
2	☐	1.000	0.882	18789.07	0.0036	P	1.2
3	☐	250.000	247.793	4738021.00	0.8839	A	2.6
4	☐	625.000	612.775	12128829.75	2.1853	A	2.7
5	☐	1250.000	1281.339	24033341.34	4.5690	A	1.4
6	☐	2500.000	2458.764	48225300.15	8.7671	A	2.6
7	☐	5000.000	5014.422	95975329.00	17.8792	A	4.1
8	☐			15492.76	0.0032	P	1.9

$$y = 0.0036 * x + 4.3369\text{E-}004$$

$$R = 0.9999$$

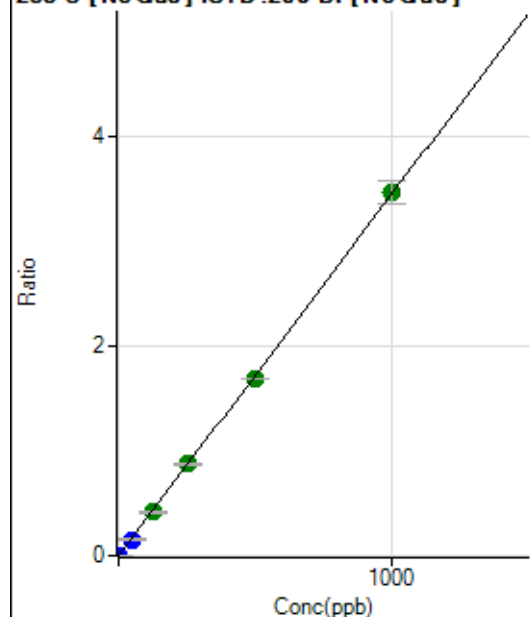
$$DL = 0.05412$$

$$BEC = 0.1216$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	53.1
2	☐	1.000	0.868	15712.96	0.0030	P	3.6
3	☐	50.000	45.137	834084.44	0.1556	P	2.6
4	☐	125.000	121.508	2325487.98	0.4189	A	3.1
5	☐	250.000	254.352	4613179.05	0.8768	A	2.7
6	☐	500.000	489.365	9281899.34	1.6870	A	0.4
7	☐	1000.000	1004.909	18580036.70	3.4642	A	6.3
8	☐			841.72	0.0002	P	8.2

$$y = 0.0034 * x + 3.1157E-006$$

$$R = 0.9999$$

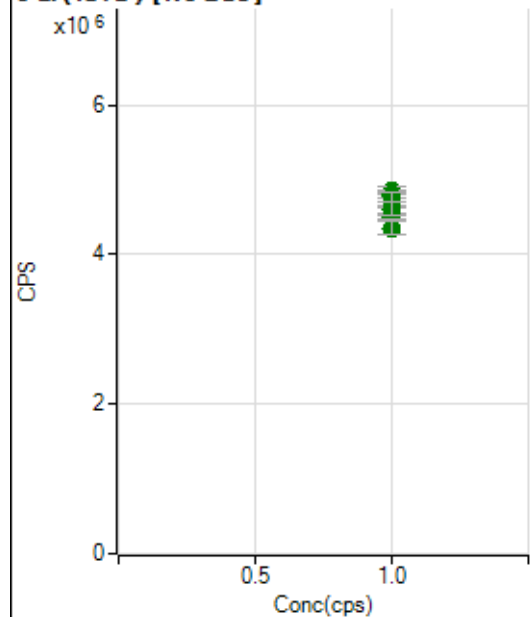
$$DL = 0.001441$$

$$BEC = 0.0009038$$

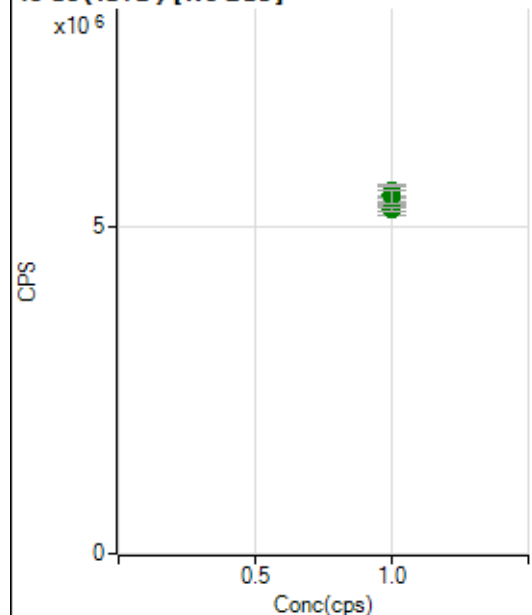
Weight: <None>

Min Conc: 0

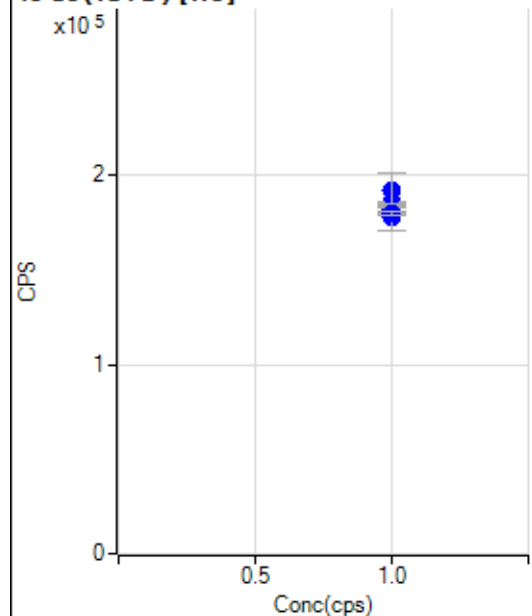
6 Li (ISTD) [No Gas]



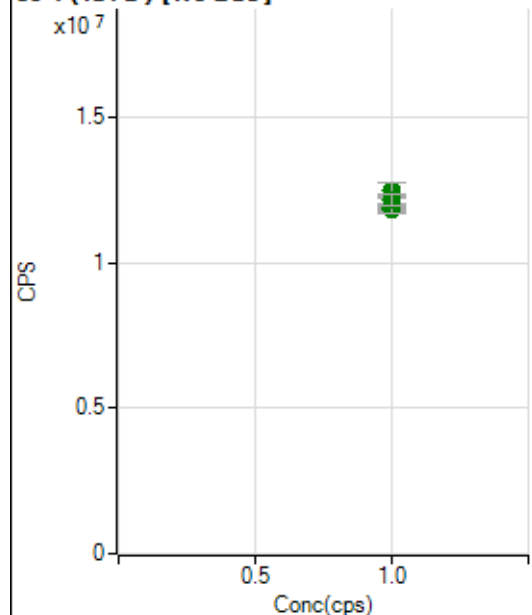
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4852175.57		A	2.1
2	☐	1.000		4706343.64		A	2.4
3	☐	1.000		4820221.33		A	2.2
4	☐	1.000		4773952.48		A	2.5
5	☐	1.000		4602555.05		A	1.7
6	☐	1.000		4495817.46		A	1.2
7	☐	1.000		4610390.64		A	3.7
8	☐	1.000		4358266.16		A	4.3

45 Sc (ISTD) [No Gas]

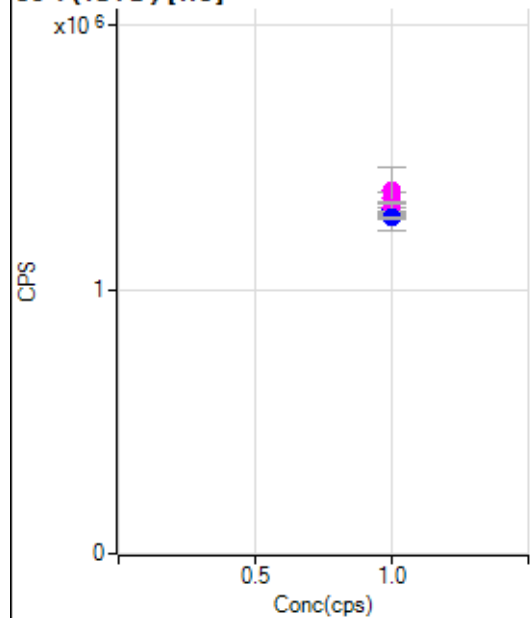
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5402952.11		A	2.3
2	☐	1.000		5286777.35		A	3.5
3	☐	1.000		5305354.65		A	0.5
4	☐	1.000		5556599.36		A	3.8
5	☐	1.000		5288882.56		A	1.6
6	☐	1.000		5260686.83		A	1.1
7	☐	1.000		5494491.10		A	4.3
8	☐	1.000		5463731.58		A	3.9

45 Sc (ISTD) [He]

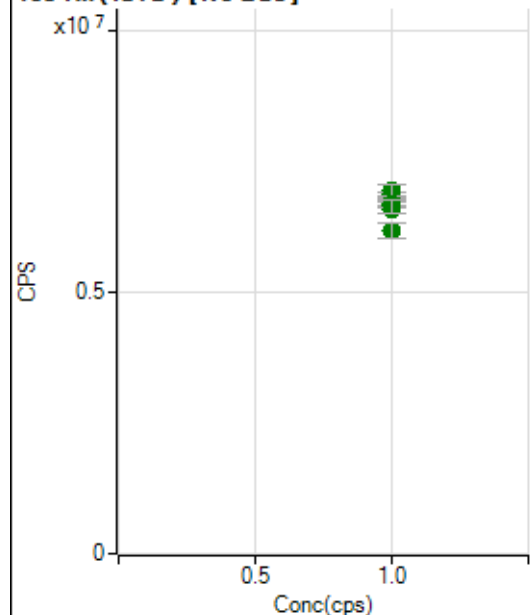
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		184231.31		P	0.9
2	☐	1.000		185619.81		P	0.0
3	☐	1.000		182812.58		P	2.0
4	☐	1.000		182361.98		P	1.2
5	☐	1.000		191751.60		P	9.4
6	☐	1.000		179297.11		P	0.8
7	☐	1.000		177674.39		P	8.0
8	☐	1.000		179918.79		P	1.1

89 Y (ISTD) [No Gas]

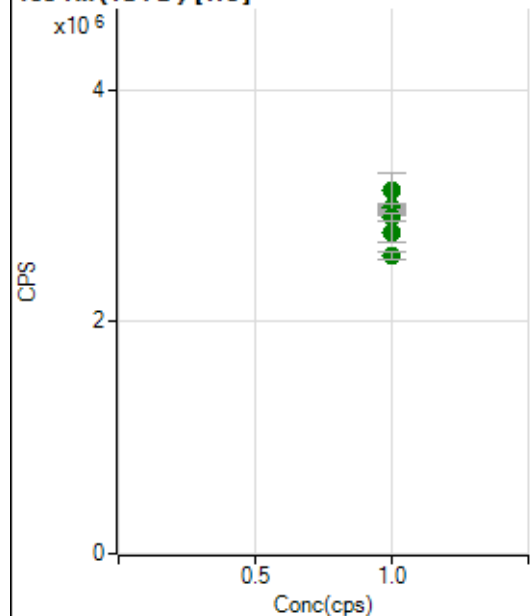
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11962117.74		A	3.8
2	☐	1.000		11887168.57		A	0.6
3	☐	1.000		11892519.27		A	1.8
4	☐	1.000		12149597.32		A	2.2
5	☐	1.000		11827586.35		A	2.0
6	☐	1.000		12149690.38		A	2.7
7	☐	1.000		12461936.76		A	4.3
8	☐	1.000		12163494.82		A	3.0

89 Y (ISTD) [He]

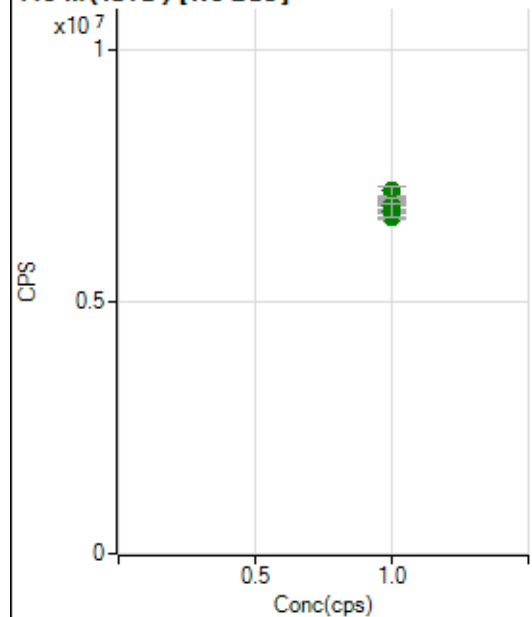
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1299303.25		P	1.4
2	☐	1.000		1349758.69		M	2.6
3	☐	1.000		1296978.16		P	2.0
4	☐	1.000		1294957.14		M	2.7
5	☐	1.000		1372835.01		M	13.5
6	☐	1.000		1312825.77		M	2.8
7	☐	1.000		1271506.51		P	8.1
8	☐	1.000		1269808.76		P	0.9

103 Rh (ISTD) [No Gas]

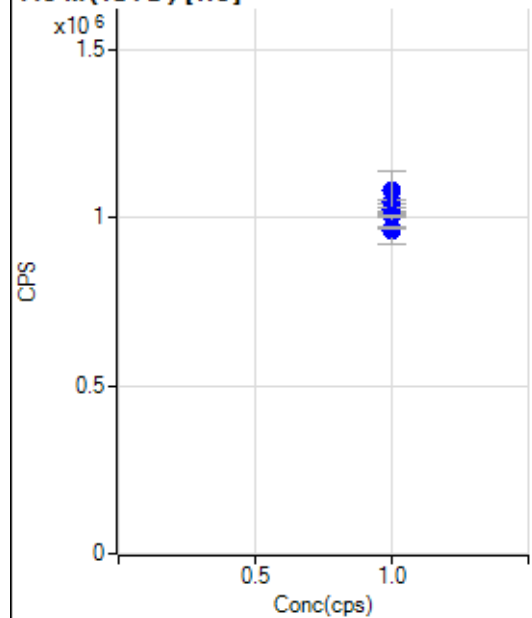
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6858339.56		A	1.2
2	☐	1.000		6827228.93		A	2.2
3	☐	1.000		6689013.43		A	1.2
4	☐	1.000		6937779.41		A	3.3
5	☐	1.000		6567600.23		A	1.9
6	☐	1.000		6698894.90		A	1.0
7	☐	1.000		6648386.35		A	4.0
8	☐	1.000		6168957.52		A	5.0

103 Rh (ISTD) [He]

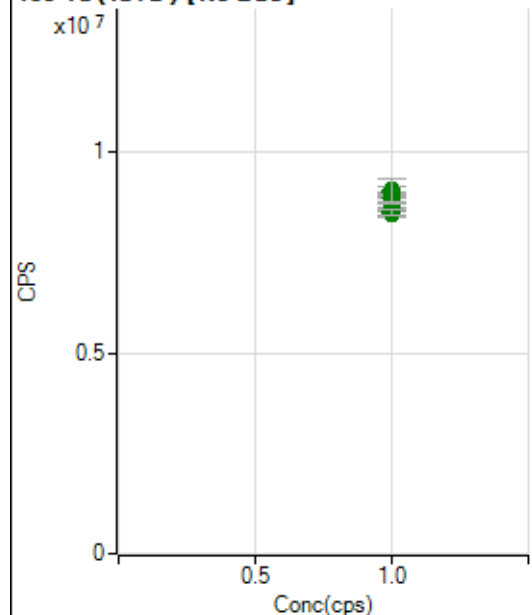
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2967635.58		A	3.0
2	☐	1.000		2973604.05		A	1.2
3	☐	1.000		2940972.94		A	1.6
4	☐	1.000		2986223.60		A	2.2
5	☐	1.000		3131310.13		A	10.1
6	☐	1.000		2902840.27		A	2.2
7	☐	1.000		2779626.26		A	6.4
8	☐	1.000		2575601.92		A	3.0

115 In (ISTD) [No Gas]

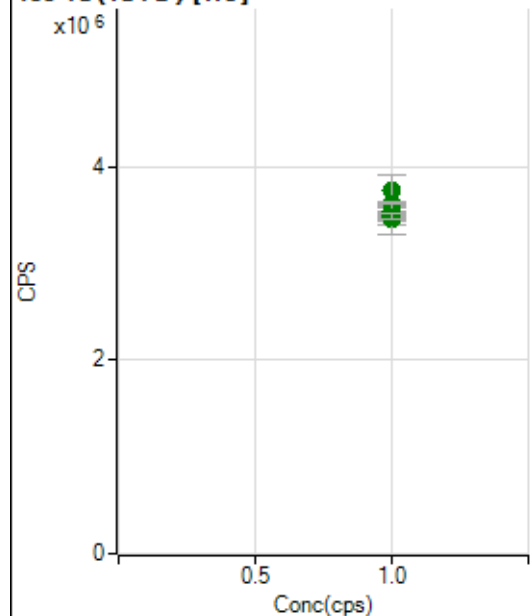
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7012453.71		A	2.4
2	☐	1.000		6700161.13		A	1.2
3	☐	1.000		6916268.97		A	2.6
4	☐	1.000		7204675.24		A	2.6
5	☐	1.000		6776736.50		A	0.2
6	☐	1.000		6933149.30		A	2.6
7	☐	1.000		6906477.03		A	4.2
8	☐	1.000		6802446.91		A	4.1

115 In (ISTD) [He]

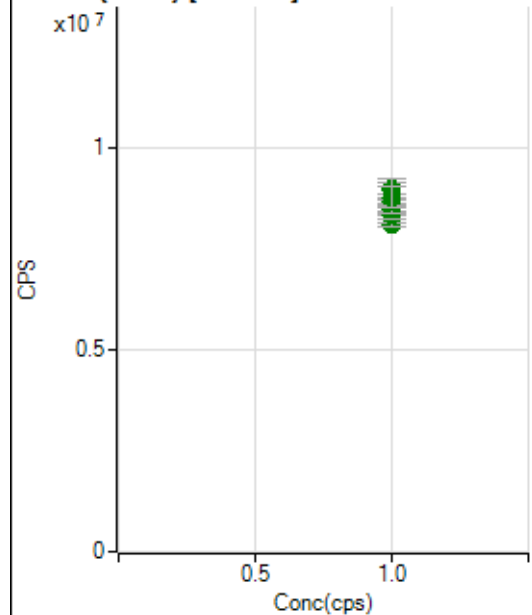
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1027300.35		P	1.0
2	☐	1.000		1048389.95		P	1.1
3	☐	1.000		1028402.10		P	2.9
4	☐	1.000		1030465.91		P	0.4
5	☐	1.000		1080275.82		P	11.4
6	☐	1.000		1006171.02		P	0.2
7	☐	1.000		961387.90		P	8.4
8	☐	1.000		969938.80		P	0.7

159 Tb (ISTD) [No Gas]

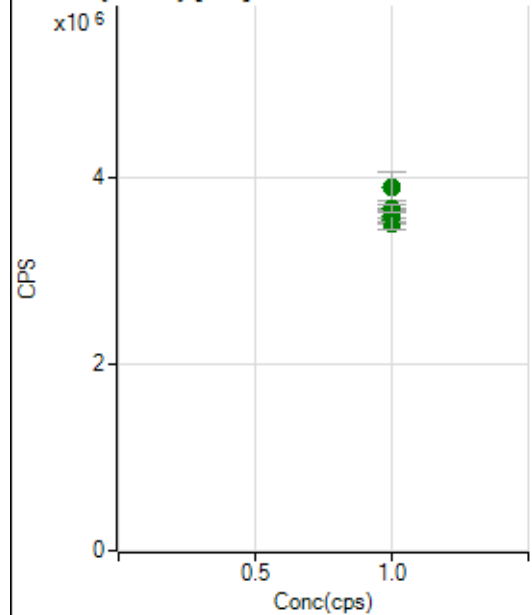
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8778573.90		A	3.5
2	☐	1.000		8582646.47		A	3.5
3	☐	1.000		8461261.68		A	1.6
4	☐	1.000		8933473.48		A	1.4
5	☐	1.000		8509161.68		A	1.9
6	☐	1.000		8873418.90		A	2.2
7	☐	1.000		9041488.48		A	2.8
8	☐	1.000		9019137.23		A	6.7

159 Tb (ISTD) [He]

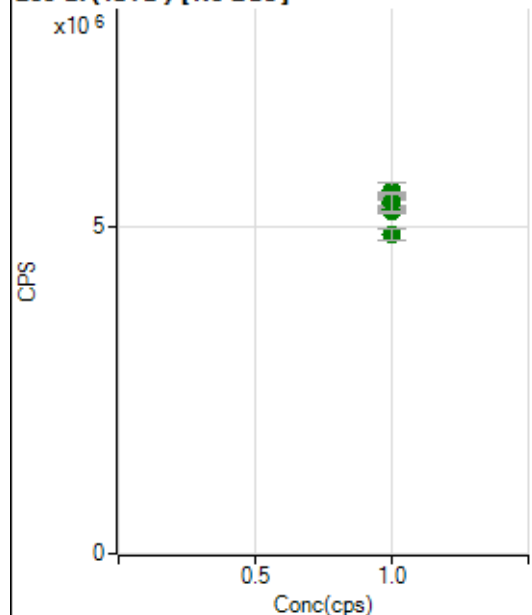
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3451156.06		A	2.9
2	☐	1.000		3544661.68		A	3.3
3	☐	1.000		3497543.87		A	1.7
4	☐	1.000		3530634.70		A	4.8
5	☐	1.000		3747895.92		A	8.9
6	☐	1.000		3625362.93		A	1.0
7	☐	1.000		3465201.37		A	10.2
8	☐	1.000		3484818.56		A	1.7

165 Ho (ISTD) [No Gas]

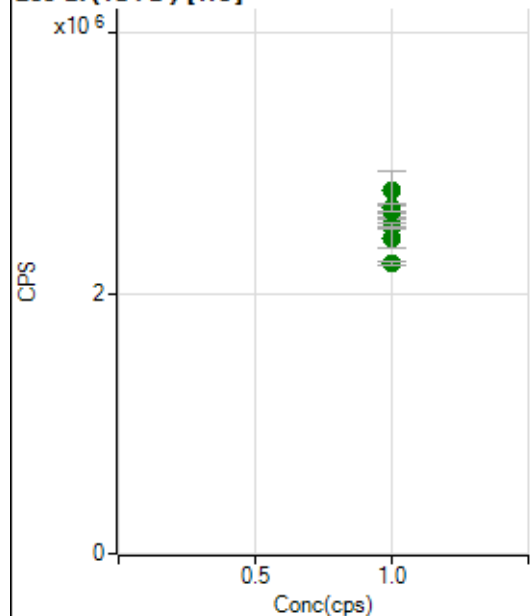
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8488338.73		A	3.3
2	☐	1.000		8096550.53		A	1.5
3	☐	1.000		8348453.75		A	2.2
4	☐	1.000		8995086.92		A	3.3
5	☐	1.000		8474670.42		A	2.0
6	☐	1.000		8664170.42		A	2.0
7	☐	1.000		8986404.80		A	5.6
8	☐	1.000		8784152.80		A	6.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3506656.34		A	3.5
2	☐	1.000		3526630.33		A	0.4
3	☐	1.000		3571510.16		A	4.1
4	☐	1.000		3536882.03		A	1.3
5	☐	1.000		3887300.85		A	9.4
6	☐	1.000		3656381.02		A	0.7
7	☐	1.000		3593854.67		A	8.8
8	☐	1.000		3673257.96		A	2.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5414300.06		A	3.5
2	☐	1.000		5249056.97		A	1.1
3	☐	1.000		5362259.37		A	2.6
4	☐	1.000		5554422.00		A	4.3
5	☐	1.000		5260868.36		A	1.8
6	☐	1.000		5501964.15		A	1.3
7	☐	1.000		5375289.12		A	5.3
8	☐	1.000		4890458.92		A	3.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2572722.95		A	2.6
2	☐	1.000		2629315.13		A	3.0
3	☐	1.000		2533928.94		A	2.5
4	☐	1.000		2660779.84		A	2.5
5	☐	1.000		2785999.52		A	10.9
6	☐	1.000		2513483.63		A	1.6
7	☐	1.000		2426318.06		A	7.0
8	☐	1.000		2235695.24		A	1.3

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8083122MS.b

Acq. Date-Time 2022-08-31 11:51:55

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		7091	70912.73			2.349	5.000
24		70201	702013.75			2.790	5.000
25		8967	89670.95			1.633	5.000
26		10189	101888.31			2.712	5.000
59		33520	335200.55			1.671	5.000
113		1872	18722.44			1.296	5.000
115		42007	420070.41			1.791	5.000
206		9576	95763.96			1.720	5.000
207		8766	87664.55			1.461	5.000
208		20856	208560.20			1.042	5.000
220		1	5.60			21.317	

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

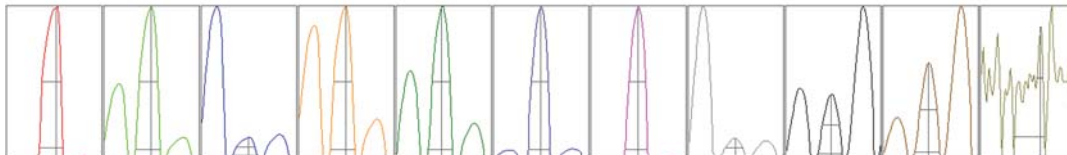
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7101	6805	7178	7146	7227
24	69220	67208	71468	71291	71821
25	8948	8726	9033	9019	9109
26	10197	9745	10501	10294	10207
59	33353	32701	33784	34217	33545
113	1888	1830	1878	1876	1890
115	41834	40789	42734	42369	42310
206	9621	9290	9625	9633	9714
207	8768	8549	8801	8834	8880
208	20964	20483	20862	20941	21031

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	12727.81	9.10	8.90 - 9.10	
24	125803.82	24.00	23.90 - 24.10	
25	16094.26	25.00	24.90 - 25.10	
26	18458.87	26.00	25.90 - 26.10	
59	63706.03	58.95	58.90 - 59.10	
113	3736.75	113.00	112.90 - 113.10	
115	84504.54	115.00	114.90 - 115.10	
206	18442.29	206.00	205.90 - 206.10	
207	16872.57	206.95	206.90 - 207.10	
208	40401.86	207.95	207.90 - 208.10	
220	0.95	220.40	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.736	0.900	
24	0.59	0.781	0.900	
25	0.58	0.778	0.900	
26	0.59	0.781	0.900	
59	0.55	0.768	0.900	
113	0.53	0.688	0.900	
115	0.52	0.720	0.900	
206	0.54	0.769	0.900	
207	0.54	0.773	0.900	
208	0.54	0.787	0.900	
220	0.20	0.965		

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	11.2 V	Deflect	16.2 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-1.0 mm
---------	--------	---------	---------

EM

Discriminator	4.7 mV	Analog HV	2298 V	Pulse HV	1630 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7373	73728.48			3.531	
89		13504	135041.95			3.400	
205		37030	370302.54			2.960	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7113	7318	7805	7253	7374
89	12967	13543	14230	13382	13399
205	36204	36529	38600	36079	37739

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	11.2 V	Deflect	4.2 V
-----------	--------	------------	--------	---------	-------

US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-120 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	124	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-1.0 mm
---------	--------	---------	---------

EM

Discriminator	4.7 mV	Analog HV	2298 V	Pulse HV	1630 V
---------------	--------	-----------	--------	----------	--------

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:44:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.05	-0.10	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.05	0.00	-0.05	0.00	N/A	ppb
Boron	11-1	-0.04	0.01	0.03	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.06	-0.04	0.00	N/A	ppb
Cadmium	106-1	-0.33	0.85	-0.52	0.00	N/A	ppb
Cadmium	108-1	0.00	-0.05	0.05	0.00	N/A	ppb
Calcium	43-1	-0.23	-0.71	0.94	0.00	N/A	ppb
Calcium	44-1	-0.50	-0.37	0.87	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.05	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.03	0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	64.68	-132.77	68.09	0.00	N/A	ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.06	0.00	0.06	0.00	N/A	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:44:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-1.42	0.84	0.57	0.00	N/A	ppb
Iron	54-2	0.36	-0.56	0.20	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	208-1	-0.02	0.00	0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.08	0.42	-0.50	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.03	0.00	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	11.00	11.50	-10.08	4.14	297.66	ppb
Potassium	39-2	2.89	3.23	-6.12	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.51	1.03	-0.51	0.00	N/A	ppb
Selenium	78-2	0.85	-0.67	-0.18	0.00	N/A	ppb
Selenium	82-1	-0.06	0.32	-0.26	0.00	N/A	ppb
Silicon	28-1	-0.45	-0.29	0.74	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.05	-0.12	0.18	0.00	N/A	ppb
Strontium	86-1	0.02	-0.04	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-62.80	-398.11	166.39	-98.17		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:44:07	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Tin	118-1	-0.07	0.02	0.05	0.00	N/A	ppb
Titanium	47-1	-0.04	0.04	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.20	0.14	0.06	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:47:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.98	19.86	19.74	19.53	2.44	ppb
Antimony	121-1	2.06	1.81	2.04	1.97	7.19	ppb
Arsenic	75-2	0.94	0.90	0.97	0.94	3.96	ppb
Barium	135-1	9.26	8.83	8.80	8.96	2.84	ppb
Barium	137-1	9.44	9.24	9.19	9.29	1.37	ppb
Beryllium	9-1	1.08	1.07	1.14	1.10	3.40	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	15.14	15.59	17.64	16.12	8.24	ppb
Boron	11-1	16.09	17.13	18.78	17.33	7.84	ppb
Bromine	81-1						cps
Cadmium	111-1	0.99	0.86	0.78	0.88	12.22	ppb
Cadmium	106-1	-0.59	-1.65	-2.25	-1.49		ppb
Cadmium	108-1	0.88	1.08	0.88	0.95	11.79	ppb
Calcium	43-1	496.65	473.65	483.97	484.75	2.38	ppb
Calcium	44-1	515.14	476.47	486.17	492.59	4.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.78	1.86	1.86	4.86	ppb
Cobalt	59-2	0.94	0.89	0.89	0.91	2.80	ppb
Copper	63-2	1.78	1.87	1.89	1.85	3.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	291.63	-132.77	75.26	78.04	271.93	ppb
Gold	197-2	0.00	0.00	50.93	16.98	173.21	ppb
Holmium	165-1				95		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	49.03	48.85	47.73	48.54	1.46	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:47:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	48.04	50.42	49.47	49.31	2.42	ppb
Iron	54-2	51.79	47.43	51.34	50.19	4.79	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.89	0.90	0.91	3.18	ppb
Lead	207-1	0.82	0.87	0.85	0.85	3.14	ppb
Lead	208-1	0.90	0.88	0.87	0.88	1.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	506.86	510.07	491.68	502.87	1.95	ppb
Manganese	55-2	0.98	1.03	0.89	0.97	7.79	ppb
Molybdenum	94-1	5.36	5.96	5.42	5.58	5.97	ppb
Molybdenum	95-1	5.23	4.63	4.73	4.86	6.60	ppb
Molybdenum	96-1	5.18	4.95	5.21	5.11	2.71	ppb
Molybdenum	97-1	4.96	5.01	4.86	4.94	1.60	ppb
Molybdenum	98-1	4.76	4.84	4.70	4.77	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.01	0.95	0.97	3.80	ppb
Phosphorus	31-2	-1.37	-22.68	11.63	-4.14		ppb
Potassium	39-2	451.79	450.43	464.33	455.52	1.68	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	1.69	6.01	4.82	4.17	53.45	ppb
Selenium	78-2	5.12	5.26	6.45	5.61	13.00	ppb
Selenium	82-1	4.89	5.43	5.16	5.16	5.18	ppb
Silicon	28-1	4.37	2.45	3.86	3.56	27.96	ppb
Silver	107-1	1.02	0.96	0.98	0.99	3.17	ppb
Silver	109-1	1.06	0.98	1.08	1.04	4.97	ppb
Sodium	23-2	499.41	483.60	475.26	486.09	2.52	ppb
Strontium	86-1	1.05	0.99	0.95	0.99	4.99	ppb
Strontium	88-1	0.93	0.96	0.93	0.94	1.87	ppb
Sulfur	34-1	298.31	-298.41	294.61	98.17	349.85	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.92	0.84	0.92	0.89	5.18	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:47:17	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.97	0.92	0.88	0.92	4.77	ppb
Tin	118-1	4.73	4.61	5.06	4.80	4.82	ppb
Titanium	47-1	4.96	4.93	4.73	4.88	2.55	ppb
Uranium	238-1	0.89	0.88	0.83	0.87	3.63	ppb
Vanadium	51-2	4.47	4.24	4.46	4.39	2.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				104		%
Zinc	66-2	2.03	2.28	2.17	2.16	5.88	ppb
Zirconium	90-1	0.94	0.86	0.88	0.90	4.85	ppb
Zirconium	91-1	0.97	0.91	0.90	0.93	3.94	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:50:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1050.28	994.97	1022.45	1022.57	2.70	ppb
Antimony	121-1	52.47	51.08	48.82	50.79	3.63	ppb
Arsenic	75-2	49.60	49.43	49.97	49.67	0.55	ppb
Barium	135-1	259.22	248.41	240.24	249.29	3.82	ppb
Barium	137-1	261.05	254.50	246.15	253.90	2.94	ppb
Beryllium	9-1	51.30	53.31	53.10	52.57	2.09	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	42.18	46.07	47.10	45.11	5.75	ppb
Boron	11-1	43.88	47.44	48.52	46.61	5.22	ppb
Bromine	81-1						cps
Cadmium	111-1	54.07	51.94	52.27	52.76	2.17	ppb
Cadmium	106-1	53.96	53.72	56.57	54.75	2.89	ppb
Cadmium	108-1	54.91	53.65	54.53	54.36	1.18	ppb
Calcium	43-1	5903.74	5839.37	5834.37	5859.16	0.66	ppb
Calcium	44-1	5844.56	5736.79	5965.87	5849.07	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.20	46.28	48.02	47.50	2.23	ppb
Cobalt	59-2	48.66	46.70	48.17	47.84	2.13	ppb
Copper	63-2	491.90	475.31	490.69	485.97	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	72.28	267.15	68.89	290.30	ppb
Gold	197-2	0.00	103.40	0.00	34.47	173.21	ppb
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2644.28	2760.04	2764.27	2722.86	2.50	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:50:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2643.58	2506.91	2629.30	2593.26	2.90	ppb
Iron	54-2	2668.33	2475.84	2607.97	2584.05	3.81	ppb
Krypton	83-1						cps
Lead	206-1	243.82	236.19	226.18	235.40	3.76	ppb
Lead	207-1	239.89	227.70	225.74	231.11	3.32	ppb
Lead	208-1	255.30	244.13	243.95	247.79	2.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	5333.22	5066.21	5292.38	5230.60	2.75	ppb
Manganese	55-2	479.28	463.87	475.08	472.75	1.69	ppb
Molybdenum	94-1	506.79	499.44	487.82	498.02	1.92	ppb
Molybdenum	95-1	523.83	489.08	482.14	498.35	4.48	ppb
Molybdenum	96-1	533.40	497.73	513.27	514.80	3.47	ppb
Molybdenum	97-1	514.70	500.15	492.98	502.61	2.20	ppb
Molybdenum	98-1	512.01	520.67	506.78	513.15	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.08	49.32	50.16	50.52	2.80	ppb
Phosphorus	31-2	940.65	1015.21	943.80	966.55	4.36	ppb
Potassium	39-2	2550.74	2451.22	2495.00	2498.99	2.00	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	45.89	42.96	46.00	44.95	3.83	ppb
Selenium	78-2	52.90	49.16	53.61	51.89	4.61	ppb
Selenium	82-1	54.29	54.11	53.80	54.07	0.46	ppb
Silicon	28-1	41.44	40.85	40.64	40.98	1.01	ppb
Silver	107-1	53.67	52.89	51.57	52.71	2.02	ppb
Silver	109-1	54.90	53.10	52.66	53.55	2.22	ppb
Sodium	23-2	5484.04	5169.52	5296.88	5316.81	2.98	ppb
Strontium	86-1	1306.76	1212.30	1270.22	1263.09	3.77	ppb
Strontium	88-1	1272.71	1248.58	1223.48	1248.26	1.97	ppb
Sulfur	34-1	1393.11	1444.87	1552.09	1463.36	5.54	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	49.10	46.75	44.79	46.88	4.60	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:50:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	49.15	48.28	44.48	47.30	5.25	ppb
Tin	118-1	52.46	49.99	49.02	50.49	3.51	ppb
Titanium	47-1	520.10	510.20	510.96	513.76	1.07	ppb
Uranium	238-1	46.48	44.32	44.61	45.14	2.60	ppb
Vanadium	51-2	48.01	46.12	46.55	46.89	2.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	524.00	491.62	494.83	503.48	3.54	ppb
Zirconium	90-1	50.52	48.39	48.60	49.17	2.39	ppb
Zirconium	91-1	50.27	49.61	49.44	49.77	0.88	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:53:35	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2615.77	2573.38	2553.58	2580.91	1.23	ppb
Antimony	121-1	125.98	123.19	119.44	122.87	2.67	ppb
Arsenic	75-2	122.56	130.53	125.97	126.35	3.16	ppb
Barium	135-1	605.73	608.62	573.88	596.08	3.23	ppb
Barium	137-1	643.97	639.30	598.44	627.24	3.99	ppb
Beryllium	9-1	130.00	132.11	134.72	132.28	1.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	106.74	112.28	120.37	113.13	6.06	ppb
Boron	11-1	112.87	120.94	127.71	120.51	6.16	ppb
Bromine	81-1						cps
Cadmium	111-1	131.65	128.66	122.67	127.66	3.58	ppb
Cadmium	106-1	137.05	138.76	124.04	133.28	6.04	ppb
Cadmium	108-1	128.50	131.70	134.66	131.62	2.34	ppb
Calcium	43-1	13745.93	14265.70	14728.40	14246.68	3.45	ppb
Calcium	44-1	13572.26	13871.85	14294.85	13912.98	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.50	120.79	118.48	119.59	0.97	ppb
Cobalt	59-2	121.15	120.38	118.48	120.00	1.14	ppb
Copper	63-2	1282.86	1306.69	1322.52	1304.02	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
Gold	197-1	62.24	58.67	-132.77	-3.95		ppb
Gold	197-2	204.52	195.19	49.09	149.60	58.27	ppb
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	6813.87	7025.22	6602.07	6813.72	3.11	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:53:35	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	6617.83	6693.05	6449.28	6586.72	1.90	ppb
Iron	54-2	6558.80	6756.07	6589.91	6634.93	1.60	ppb
Krypton	83-1						cps
Lead	206-1	604.45	650.79	668.67	641.30	5.17	ppb
Lead	207-1	601.29	593.90	643.52	612.91	4.37	ppb
Lead	208-1	601.71	604.64	631.97	612.78	2.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	13890.88	13352.76	13488.34	13577.33	2.06	ppb
Manganese	55-2	1207.20	1215.87	1181.26	1201.44	1.50	ppb
Molybdenum	94-1	1288.49	1255.75	1273.20	1272.48	1.29	ppb
Molybdenum	95-1	1276.82	1217.72	1293.15	1262.56	3.14	ppb
Molybdenum	96-1	1271.84	1253.35	1315.30	1280.16	2.48	ppb
Molybdenum	97-1	1320.32	1208.31	1295.63	1274.76	4.62	ppb
Molybdenum	98-1	1307.76	1217.27	1268.15	1264.39	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.89	128.68	128.05	128.54	0.34	ppb
Phosphorus	31-2	2564.34	2562.52	2652.62	2593.16	1.99	ppb
Potassium	39-2	6373.78	6368.08	6279.39	6340.42	0.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	136.03	140.28	145.14	140.48	3.25	ppb
Selenium	78-2	126.68	126.94	130.68	128.10	1.75	ppb
Selenium	82-1	130.97	132.36	134.27	132.54	1.25	ppb
Silicon	28-1	90.08	96.06	101.50	95.88	5.96	ppb
Silver	107-1	126.20	129.54	122.46	126.07	2.81	ppb
Silver	109-1	130.42	131.11	122.98	128.17	3.52	ppb
Sodium	23-2	13413.69	13308.96	13249.13	13323.92	0.63	ppb
Strontium	86-1	3079.16	2961.55	3166.10	3068.94	3.35	ppb
Strontium	88-1	3085.02	3084.16	3113.60	3094.26	0.54	ppb
Sulfur	34-1	2033.14	2459.84	3206.17	2566.38	23.13	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	114.21	112.20	117.59	114.67	2.38	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:53:35	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	121.95	122.09	126.54	123.53	2.11	ppb
Tin	118-1	123.16	124.34	120.03	122.51	1.82	ppb
Titanium	47-1	1272.18	1227.92	1316.07	1272.06	3.46	ppb
Uranium	238-1	124.27	117.22	123.03	121.51	3.10	ppb
Vanadium	51-2	119.86	120.29	117.12	119.09	1.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1279.19	1294.81	1276.08	1283.36	0.78	ppb
Zirconium	90-1	125.97	120.96	122.26	123.07	2.11	ppb
Zirconium	91-1	124.63	118.82	122.51	121.99	2.41	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:56:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5018.30	5002.28	4066.83	4695.80	11.60	ppb
Antimony	121-1	262.26	250.79	246.67	253.24	3.19	ppb
Arsenic	75-2	254.78	249.61	192.23	232.20	14.95	ppb
Barium	135-1	1321.30	1252.13	1282.94	1285.46	2.70	ppb
Barium	137-1	1329.72	1285.60	1256.26	1290.53	2.87	ppb
Beryllium	9-1	263.71	269.01	259.40	264.04	1.82	ppb
Bismuth	209-1				97		%
Bismuth	209-2				108		%
Boron	10-1	218.60	235.97	220.97	225.18	4.18	ppb
Boron	11-1	231.64	254.45	243.74	243.28	4.69	ppb
Bromine	81-1						cps
Cadmium	111-1	265.79	260.90	257.63	261.44	1.57	ppb
Cadmium	106-1	268.77	266.92	261.91	265.87	1.34	ppb
Cadmium	108-1	267.06	266.60	267.36	267.01	0.14	ppb
Calcium	43-1	29547.07	29610.02	28457.53	29204.88	2.22	ppb
Calcium	44-1	28270.00	28374.24	27786.80	28143.68	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	235.83	235.86	191.89	221.19	11.47	ppb
Cobalt	59-2	234.97	239.03	193.73	222.58	11.26	ppb
Copper	63-2	2547.92	2507.85	1984.30	2346.69	13.40	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
Gold	197-1	487.34	507.56	488.45	494.45	2.30	ppb
Gold	197-2	299.70	204.93	168.47	224.37	30.19	ppb
Holmium	165-1				100		%
Holmium	165-2				111		%
Indium	115-1				97		%
Indium	115-2				105		%
Iron	56-2	13766.07	13628.69	10883.17	12759.31	12.75	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:56:44	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	13092.25	13143.96	10770.95	12335.72	10.99	ppb
Iron	54-2	12949.96	12969.15	10663.50	12194.20	10.87	ppb
Krypton	83-1						cps
Lead	206-1	1287.37	1295.32	1275.98	1286.23	0.76	ppb
Lead	207-1	1264.62	1287.61	1212.52	1254.92	3.07	ppb
Lead	208-1	1279.69	1300.38	1263.95	1281.34	1.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	26329.01	25806.92	21105.02	24413.65	11.79	ppb
Manganese	55-2	2489.64	2521.13	2036.50	2349.09	11.54	ppb
Molybdenum	94-1	2542.55	2545.75	2462.57	2516.95	1.87	ppb
Molybdenum	95-1	2509.14	2570.14	2464.95	2514.74	2.10	ppb
Molybdenum	96-1	2538.97	2673.72	2506.03	2572.91	3.45	ppb
Molybdenum	97-1	2616.94	2570.10	2458.99	2548.68	3.18	ppb
Molybdenum	98-1	2555.78	2528.47	2503.06	2529.11	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.44	253.02	204.90	235.45	11.28	ppb
Phosphorus	31-2	4915.40	5066.96	3994.92	4659.09	12.45	ppb
Potassium	39-2	12704.10	12663.81	10406.53	11924.81	11.03	ppb
Rhodium	103-1				96		%
Rhodium	103-2				106		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	251.01	268.30	205.33	241.55	13.47	ppb
Selenium	78-2	260.84	256.44	201.61	239.63	13.77	ppb
Selenium	82-1	271.14	275.44	262.36	269.64	2.47	ppb
Silicon	28-1	202.21	200.56	189.16	197.31	3.60	ppb
Silver	107-1	273.60	259.43	271.83	268.29	2.88	ppb
Silver	109-1	284.03	279.15	267.27	276.82	3.12	ppb
Sodium	23-2	25523.09	26000.09	20669.50	24064.23	12.26	ppb
Strontium	86-1	6284.11	6477.41	6093.81	6285.11	3.05	ppb
Strontium	88-1	6559.30	6613.61	6212.32	6461.74	3.37	ppb
Sulfur	34-1	6596.91	6322.31	5626.87	6182.03	8.09	ppb
Terbium	159-1				97		%
Terbium	159-2				109		%
Thallium	203-1	235.02	252.14	233.89	240.35	4.25	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:56:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	252.55	258.51	258.73	256.60	1.37	ppb
Tin	118-1	257.86	251.65	244.77	251.43	2.60	ppb
Titanium	47-1	2631.23	2639.13	2522.00	2597.45	2.52	ppb
Uranium	238-1	261.74	253.15	248.16	254.35	2.70	ppb
Vanadium	51-2	236.25	234.87	191.88	221.00	11.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				106		%
Zinc	66-2	2464.77	2454.59	2028.47	2315.95	10.75	ppb
Zirconium	90-1	254.87	252.99	250.82	252.89	0.80	ppb
Zirconium	91-1	249.86	253.31	245.36	249.51	1.60	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:59:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10266.66	10046.00	9770.02	10027.56	2.48	ppb
Antimony	121-1	507.34	512.05	505.76	508.38	0.64	ppb
Arsenic	75-2	492.91	468.61	486.91	482.81	2.62	ppb
Barium	135-1	2480.84	2616.25	2427.19	2508.10	3.88	ppb
Barium	137-1	2461.53	2555.81	2417.11	2478.15	2.86	ppb
Beryllium	9-1	536.01	521.93	530.87	529.60	1.35	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	458.96	458.85	465.89	461.23	0.87	ppb
Boron	11-1	443.41	451.18	473.49	456.03	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	497.73	499.34	489.19	495.42	1.10	ppb
Cadmium	106-1	492.05	513.13	503.37	502.85	2.10	ppb
Cadmium	108-1	500.33	508.40	503.60	504.11	0.81	ppb
Calcium	43-1	58553.16	59954.66	61481.97	59996.60	2.44	ppb
Calcium	44-1	55694.45	56678.21	59991.28	57454.65	3.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.25	470.44	462.43	470.04	1.58	ppb
Cobalt	59-2	511.95	493.38	486.55	497.29	2.64	ppb
Copper	63-2	5049.75	4925.98	4892.36	4956.03	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	269.58	875.64	261.05	468.76	75.18	ppb
Gold	197-2	517.14	213.38	684.05	471.52	50.61	ppb
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	28118.94	26874.43	26364.05	27119.14	3.33	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:59:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	26708.36	25677.37	25382.09	25922.61	2.69	ppb
Iron	54-2	28099.21	26903.12	26767.79	27256.70	2.69	ppb
Krypton	83-1						cps
Lead	206-1	2626.79	2507.54	2497.16	2543.83	2.83	ppb
Lead	207-1	2540.27	2552.95	2438.35	2510.52	2.50	ppb
Lead	208-1	2487.52	2502.07	2386.70	2458.76	2.56	ppb
Lithium	6-1				93		%
Magnesium	24-2	53408.75	51861.97	49208.14	51492.95	4.13	ppb
Manganese	55-2	5073.84	5035.65	4940.19	5016.56	1.37	ppb
Molybdenum	94-1	5063.61	4874.49	5172.11	5036.74	2.99	ppb
Molybdenum	95-1	5090.91	4809.86	5266.47	5055.75	4.56	ppb
Molybdenum	96-1	4923.12	4882.45	5140.50	4982.02	2.78	ppb
Molybdenum	97-1	4903.64	4949.55	5101.89	4985.03	2.08	ppb
Molybdenum	98-1	5142.51	4849.15	5233.57	5075.08	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.45	504.38	488.81	499.55	1.86	ppb
Phosphorus	31-2	10110.68	10080.63	9661.66	9950.99	2.52	ppb
Potassium	39-2	26440.88	25477.57	24653.39	25523.95	3.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	494.27	452.22	476.35	474.28	4.45	ppb
Selenium	78-2	491.68	487.65	502.31	493.88	1.53	ppb
Selenium	82-1	516.54	491.35	522.22	510.04	3.22	ppb
Silicon	28-1	375.38	397.28	392.44	388.36	2.96	ppb
Silver	107-1	495.67	505.67	507.23	502.86	1.25	ppb
Silver	109-1	519.59	514.92	523.45	519.32	0.82	ppb
Sodium	23-2	52205.06	52777.55	51876.58	52286.40	0.87	ppb
Strontium	86-1	12392.93	12397.21	12897.99	12562.71	2.31	ppb
Strontium	88-1	12697.36	12155.04	12424.12	12425.51	2.18	ppb
Sulfur	34-1	12078.75	12505.81	12011.17	12198.58	2.20	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	509.51	510.63	512.66	510.93	0.31	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:59:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	499.63	488.07	473.41	487.04	2.70	ppb
Tin	118-1	511.29	527.41	495.82	511.51	3.09	ppb
Titanium	47-1	4962.84	5162.05	5377.13	5167.34	4.01	ppb
Uranium	238-1	490.80	487.03	490.27	489.37	0.42	ppb
Vanadium	51-2	484.25	467.18	463.93	471.79	2.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	4964.40	4878.36	4708.29	4850.35	2.69	ppb
Zirconium	90-1	505.21	480.44	505.63	497.09	2.90	ppb
Zirconium	91-1	494.90	478.46	499.10	490.82	2.22	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:02:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22751.97	22709.53	19146.13	21535.88	9.61	ppb
Antimony	121-1	1035.63	946.86	1003.18	995.23	4.51	ppb
Arsenic	75-2	1029.48	1095.05	914.14	1012.89	9.04	ppb
Barium	135-1	5176.98	4853.73	4941.51	4990.74	3.35	ppb
Barium	137-1	5158.84	4760.24	5081.88	5000.32	4.23	ppb
Beryllium	9-1	1016.39	926.99	998.57	980.65	4.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	1013.44	991.36	1077.82	1027.54	4.37	ppb
Boron	11-1	1023.13	983.85	1066.79	1024.59	4.05	ppb
Bromine	81-1						cps
Cadmium	111-1	1001.23	967.08	1028.57	998.96	3.08	ppb
Cadmium	106-1	1006.33	979.16	994.51	993.34	1.37	ppb
Cadmium	108-1	1007.16	970.22	1000.55	992.65	1.98	ppb
Calcium	43-1	123689.14	113758.30	112171.13	116539.53	5.36	ppb
Calcium	44-1	117520.65	105554.04	106689.42	109921.37	6.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1060.60	1098.02	910.33	1022.98	9.71	ppb
Cobalt	59-2	1025.10	1091.20	910.53	1008.94	9.06	ppb
Copper	63-2	10363.01	10822.36	8977.42	10054.26	9.55	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
Gold	197-1	1587.33	835.71	485.78	969.61	58.05	ppb
Gold	197-2	1049.39	1043.94	961.67	1018.33	4.83	ppb
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	57274.23	59150.84	49899.99	55441.69	8.82	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:02:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	58242.07	60231.39	50652.97	56375.47	8.97	ppb
Iron	54-2	56928.15	59368.77	48976.14	55091.02	9.86	ppb
Krypton	83-1						cps
Lead	206-1	5136.49	4719.70	5046.96	4967.72	4.42	ppb
Lead	207-1	5304.96	4720.36	4962.58	4995.97	5.88	ppb
Lead	208-1	5236.03	4836.16	4971.07	5014.42	4.06	ppb
Lithium	6-1				95		%
Magnesium	24-2	107957.29	114359.19	94853.33	105723.27	9.40	ppb
Manganese	55-2	10207.10	10866.70	9036.84	10036.88	9.23	ppb
Molybdenum	94-1	10473.00	9376.19	10074.86	9974.68	5.57	ppb
Molybdenum	95-1	10687.16	9280.94	9932.76	9966.95	7.06	ppb
Molybdenum	96-1	10504.63	9516.59	9937.54	9986.25	4.96	ppb
Molybdenum	97-1	10472.74	9497.81	10005.72	9992.09	4.88	ppb
Molybdenum	98-1	10520.46	9427.15	9910.57	9952.73	5.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1022.14	1081.28	906.76	1003.39	8.85	ppb
Phosphorus	31-2	20520.65	21815.79	17962.84	20099.76	9.75	ppb
Potassium	39-2	53765.41	55742.00	47121.98	52209.80	8.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	1018.47	1082.22	939.20	1013.29	7.07	ppb
Selenium	78-2	1012.21	1084.27	919.03	1005.17	8.24	ppb
Selenium	82-1	1018.74	948.53	999.50	988.92	3.67	ppb
Silicon	28-1	1133.71	1037.48	1048.25	1073.15	4.91	ppb
Silver	107-1	1043.25	968.29	969.65	993.73	4.32	ppb
Silver	109-1	994.26	967.45	987.48	983.06	1.42	ppb
Sodium	23-2	108950.36	116675.22	96933.87	107519.82	9.25	ppb
Strontium	86-1	25628.75	24051.73	25172.29	24950.92	3.25	ppb
Strontium	88-1	26524.56	23354.01	25039.14	24972.57	6.35	ppb
Sulfur	34-1	19763.47	17790.51	18167.23	18573.74	5.64	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	1066.32	937.22	991.64	998.39	6.49	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:02:59	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	1050.16	956.37	1008.92	1005.15	4.68	ppb
Tin	118-1	1045.36	937.45	999.71	994.18	5.45	ppb
Titanium	47-1	10307.30	9697.57	9660.70	9888.52	3.67	ppb
Uranium	238-1	1068.52	941.36	1004.85	1004.91	6.33	ppb
Vanadium	51-2	1041.96	1108.05	916.76	1022.25	9.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	10416.07	10772.20	9161.21	10116.49	8.37	ppb
Zirconium	90-1	1046.74	964.89	991.41	1001.01	4.17	ppb
Zirconium	91-1	1049.02	962.46	1003.82	1005.10	4.31	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:06:05	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102157.51	99162.21	97789.37	99703.03	2.24	ppb
Antimony	121-1	0.72	0.88	1.01	0.87	16.31	ppb
Arsenic	75-2	0.77	0.69	0.54	0.67	17.41	ppb
Barium	135-1	1.90	1.68	2.14	1.91	12.00	ppb
Barium	137-1	2.00	2.02	2.16	2.06	4.26	ppb
Beryllium	9-1	0.11	0.10	0.13	0.12	13.88	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	75.11	68.19	64.81	69.37	7.57	ppb
Boron	11-1	79.12	73.63	69.29	74.01	6.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.18	0.13	0.12	46.14	ppb
Cadmium	106-1	-1.37	0.51	0.24	-0.21		ppb
Cadmium	108-1	0.24	0.17	0.39	0.27	41.78	ppb
Calcium	43-1	494165.19	488901.61	503223.04	495429.95	1.46	ppb
Calcium	44-1	484810.59	500890.17	505507.05	497069.27	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.53	2.59	2.46	2.53	2.42	ppb
Cobalt	59-2	3.66	3.51	3.42	3.53	3.43	ppb
Copper	63-2	1.48	1.54	1.54	1.52	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	740.21	-132.77	99.59	235.68	191.84	ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	254999.71	243677.45	247334.22	248670.46	2.32	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:06:05	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	250712.98	253288.71	241892.84	248631.51	2.40	ppb
Iron	54-2	258260.94	251338.46	236683.45	248760.95	4.43	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.77	0.82	0.79	3.47	ppb
Lead	207-1	0.79	0.80	0.76	0.78	3.15	ppb
Lead	208-1	0.75	0.76	0.79	0.77	2.23	ppb
Lithium	6-1				90		%
Magnesium	24-2	507214.64	499638.72	489265.02	498706.13	1.81	ppb
Manganese	55-2	5.67	5.36	5.07	5.37	5.60	ppb
Molybdenum	94-1	3.61	3.49	3.47	3.52	2.17	ppb
Molybdenum	95-1	3.61	3.20	2.90	3.24	11.08	ppb
Molybdenum	96-1	7.92	7.29	7.46	7.56	4.30	ppb
Molybdenum	97-1	3.81	3.35	3.15	3.43	9.90	ppb
Molybdenum	98-1	3.40	2.95	2.95	3.10	8.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.70	3.80	3.79	3.76	1.41	ppb
Phosphorus	31-2	-62.65	-30.89	-47.99	-47.17		ppb
Potassium	39-2	253067.75	249255.57	246273.41	249532.24	1.36	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	-0.51	0.28	1.04	0.27	290.14	ppb
Selenium	78-2	1.88	1.87	1.35	1.70	17.78	ppb
Selenium	82-1	1.87	1.91	1.21	1.66	23.86	ppb
Silicon	28-1	4.20	6.31	7.33	5.95	26.84	ppb
Silver	107-1	0.25	0.26	0.29	0.27	8.78	ppb
Silver	109-1	0.24	0.27	0.26	0.25	5.93	ppb
Sodium	23-2	507556.47	500562.05	486752.78	498290.43	2.12	ppb
Strontium	86-1	5.65	5.59	5.67	5.64	0.75	ppb
Strontium	88-1	5.67	5.77	5.69	5.71	0.90	ppb
Sulfur	34-1	-2105.63	-1744.31	-1069.30	-1639.75		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.25	0.31	0.27	12.82	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:06:05	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.29	0.29	0.28	0.28	2.71	ppb
Tin	118-1	0.67	0.70	0.75	0.71	5.03	ppb
Titanium	47-1	0.80	0.83	0.96	0.86	9.57	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	8.34	ppb
Vanadium	51-2	0.28	0.29	0.24	0.27	9.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	7.43	7.43	7.21	7.36	1.77	ppb
Zirconium	90-1	0.33	0.35	0.39	0.36	8.13	ppb
Zirconium	91-1	0.39	0.38	0.38	0.38	0.94	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P8
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:37:07	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	509.65	518.98	503.32	510.65	1.54	ppb
Antimony	121-1	198.85	200.95	191.04	196.95	2.65	ppb
Arsenic	75-2	207.91	213.81	198.13	206.62	3.83	ppb
Barium	135-1	91.86	96.34	91.70	93.30	2.82	ppb
Barium	137-1	97.94	101.37	93.51	97.61	4.04	ppb
Beryllium	9-1	101.45	102.99	102.18	102.21	0.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	335.39	365.44	367.36	356.06	5.04	ppb
Boron	11-1	354.61	384.85	392.37	377.28	5.30	ppb
Bromine	81-1						cps
Cadmium	111-1	108.45	113.06	107.66	109.72	2.66	ppb
Cadmium	106-1	193.99	198.68	190.52	194.40	2.11	ppb
Cadmium	108-1	180.37	173.04	170.40	174.60	2.96	ppb
Calcium	43-1	2271.15	2244.58	2147.67	2221.13	2.93	ppb
Calcium	44-1	2141.61	2150.14	2079.16	2123.64	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.29	98.52	96.52	97.44	1.04	ppb
Cobalt	59-2	98.66	98.71	97.35	98.24	0.78	ppb
Copper	63-2	98.11	98.08	93.78	96.66	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	651.22	-132.77	434.76	317.74	127.43	ppb
Gold	197-2	487.85	735.91	775.86	666.54	23.41	ppb
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2167.70	2258.79	2167.25	2197.92	2.40	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P8
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:37:07	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	2053.28	2110.47	2017.13	2060.30	2.28	ppb
Iron	54-2	2101.24	2127.60	2055.58	2094.81	1.74	ppb
Krypton	83-1						cps
Lead	206-1	185.79	194.61	185.18	188.53	2.80	ppb
Lead	207-1	170.07	176.11	167.97	171.38	2.47	ppb
Lead	208-1	185.98	194.95	189.86	190.27	2.36	ppb
Lithium	6-1				100		%
Magnesium	24-2	1241.78	1241.42	1187.01	1223.40	2.58	ppb
Manganese	55-2	97.90	97.81	94.04	96.58	2.28	ppb
Molybdenum	94-1	4764.74	4982.63	5145.15	4964.17	3.85	ppb
Molybdenum	95-1	4879.89	5139.46	5121.89	5047.08	2.87	ppb
Molybdenum	96-1	5037.51	5084.22	5294.86	5138.86	2.67	ppb
Molybdenum	97-1	4877.30	4942.20	5080.91	4966.80	2.09	ppb
Molybdenum	98-1	4954.30	5136.47	5178.83	5089.87	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.93	109.74	105.47	108.05	2.10	ppb
Phosphorus	31-2	-38.53	-41.19	-57.38	-45.70		ppb
Potassium	39-2	1946.20	1958.44	1874.94	1926.53	2.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	201.34	223.72	206.56	210.54	5.56	ppb
Selenium	78-2	211.42	218.89	205.83	212.05	3.09	ppb
Selenium	82-1	213.02	221.87	224.10	219.66	2.67	ppb
Silicon	28-1	114.00	113.07	111.54	112.87	1.10	ppb
Silver	107-1	49.99	51.54	48.48	50.00	3.07	ppb
Silver	109-1	51.21	50.38	49.09	50.22	2.13	ppb
Sodium	23-2	2082.00	2128.62	1992.54	2067.72	3.34	ppb
Strontium	86-1	491.24	503.99	512.86	502.70	2.16	ppb
Strontium	88-1	501.06	517.25	519.02	512.44	1.93	ppb
Sulfur	34-1	-957.26	-1066.14	-1492.51	-1171.97		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	193.51	197.77	192.07	194.45	1.52	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P8
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:37:07	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	206.23	210.22	204.64	207.03	1.39	ppb
Tin	118-1	503.50	531.59	520.90	518.67	2.73	ppb
Titanium	47-1	5031.60	4861.82	4820.24	4904.56	2.28	ppb
Uranium	238-1	514.55	525.46	516.33	518.78	1.13	ppb
Vanadium	51-2	94.63	96.30	90.80	93.91	3.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	200.65	204.69	200.36	201.90	1.20	ppb
Zirconium	90-1	500.54	495.35	517.04	504.31	2.25	ppb
Zirconium	91-1	479.56	500.33	507.50	495.80	2.93	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:56:15	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.39	20.43	18.89	19.90	4.42	ppb
Antimony	121-1	1.80	1.77	1.98	1.85	6.39	ppb
Arsenic	75-2	0.80	1.11	1.06	0.99	16.86	ppb
Barium	135-1	8.47	8.39	9.59	8.82	7.61	ppb
Barium	137-1	9.35	8.73	9.23	9.11	3.61	ppb
Beryllium	9-1	1.05	1.07	1.10	1.07	2.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	19.32	21.00	22.45	20.92	7.50	ppb
Boron	11-1	20.23	21.91	23.25	21.79	6.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.94	0.68	0.86	0.83	16.42	ppb
Cadmium	106-1	0.30	-3.29	-2.01	-1.67		ppb
Cadmium	108-1	0.73	1.02	0.88	0.88	16.69	ppb
Calcium	43-1	442.84	490.92	506.85	480.20	6.94	ppb
Calcium	44-1	463.74	481.86	509.11	484.90	4.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.74	1.79	1.82	4.88	ppb
Cobalt	59-2	0.99	0.95	0.93	0.96	3.36	ppb
Copper	63-2	1.87	1.96	1.73	1.85	6.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	-132.77	-132.77	-132.77		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	49.80	48.99	48.50	49.10	1.33	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:56:15	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	54.83	52.95	47.46	51.75	7.40	ppb
Iron	54-2	56.42	51.39	49.11	52.31	7.14	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.93	0.91	0.89	5.80	ppb
Lead	207-1	0.81	0.89	0.88	0.86	5.13	ppb
Lead	208-1	0.84	0.89	0.90	0.88	3.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	521.08	522.02	484.09	509.06	4.25	ppb
Manganese	55-2	0.97	0.96	0.94	0.96	1.53	ppb
Molybdenum	94-1	5.63	5.73	5.81	5.72	1.55	ppb
Molybdenum	95-1	4.94	4.96	5.24	5.05	3.35	ppb
Molybdenum	96-1	4.91	5.02	5.12	5.02	2.06	ppb
Molybdenum	97-1	4.86	5.02	5.28	5.05	4.27	ppb
Molybdenum	98-1	4.96	4.97	4.98	4.97	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.06	1.01	1.04	2.20	ppb
Phosphorus	31-2	-16.25	-16.80	-31.35	-21.47		ppb
Potassium	39-2	449.67	453.64	435.95	446.42	2.08	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	4.60	4.86	3.82	4.43	12.20	ppb
Selenium	78-2	6.14	5.89	5.70	5.91	3.76	ppb
Selenium	82-1	5.61	5.62	5.63	5.62	0.18	ppb
Silicon	28-1	-0.72	1.31	2.19	0.93	160.82	ppb
Silver	107-1	0.94	0.94	0.98	0.95	2.52	ppb
Silver	109-1	0.93	1.00	1.07	1.00	6.77	ppb
Sodium	23-2	492.13	501.05	479.18	490.78	2.24	ppb
Strontium	86-1	1.13	0.98	0.97	1.03	8.85	ppb
Strontium	88-1	0.99	0.99	0.97	0.98	1.44	ppb
Sulfur	34-1	-1202.27	-735.41	-209.36	-715.68		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.89	0.87	0.85	0.87	2.81	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:56:15	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.83	0.85	0.90	0.86	3.89	ppb
Tin	118-1	4.35	4.34	4.80	4.50	5.82	ppb
Titanium	47-1	4.87	5.18	4.80	4.95	4.06	ppb
Uranium	238-1	0.87	0.88	0.90	0.89	1.76	ppb
Vanadium	51-2	4.59	4.74	4.58	4.64	2.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	2.38	2.21	1.91	2.17	10.99	ppb
Zirconium	90-1	0.94	0.89	0.91	0.91	2.30	ppb
Zirconium	91-1	0.96	1.01	0.88	0.95	7.06	ppb

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : ICB06 Instrumnet Name : P8
 Client Sample ID : ICB06 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 13:59:25 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.14	-0.23	-0.21		ppb
Antimony	121-1	0.02	0.01	0.01	0.01	22.39	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	21.68	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	113.27	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	47.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				113		%
Boron	10-1	4.72	4.53	4.30	4.52	4.63	ppb
Boron	11-1	4.99	4.63	4.44	4.69	5.87	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.17	-0.29	-0.18		ppb
Cadmium	106-1	-1.03	-2.29	-3.87	-2.40		ppb
Cadmium	108-1	0.05	0.14	-0.10	0.03	452.79	ppb
Calcium	43-1	-0.63	-0.82	-1.47	-0.97		ppb
Calcium	44-1	-3.17	-3.14	-3.26	-3.19		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.04	0.02	127.76	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.04	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	-132.77	270.58	1.68	13855.95	ppb
Gold	197-2	136.71	0.00	0.00	45.57	173.21	ppb
Holmium	165-1				105		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				111		%
Iron	56-2	-0.27	-0.14	-0.04	-0.15		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICB06	Instrumnet Name :	P8
Client Sample ID :	ICB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:59:25	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-0.85	-1.61	-1.09	-1.18		ppb
Iron	54-2	-0.02	-1.31	-1.56	-0.96		ppb
Krypton	83-1						cps
Lead	206-1	0.04	-0.01	-0.01	0.01	419.74	ppb
Lead	207-1	0.00	0.00	0.03	0.01	163.98	ppb
Lead	208-1	0.01	0.00	0.00	0.01	69.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	-0.37	-0.92	-0.42		ppb
Manganese	55-2	-0.01	-0.03	-0.01	-0.02		ppb
Molybdenum	94-1	0.03	-0.01	-0.01	0.00	1085.71	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	5.89	ppb
Molybdenum	96-1	0.01	0.07	0.03	0.04	89.54	ppb
Molybdenum	97-1	0.03	0.03	0.06	0.04	41.53	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	28.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-49.27	-70.42	-52.85	-57.51		ppb
Potassium	39-2	-19.13	-23.67	-20.31	-21.03		ppb
Rhodium	103-1				103		%
Rhodium	103-2				111		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	-0.51	0.15	0.18	-0.06		ppb
Selenium	78-2	0.51	-0.36	0.47	0.21	236.32	ppb
Selenium	82-1	0.34	0.15	0.36	0.28	40.70	ppb
Silicon	28-1	-2.70	-2.53	-2.35	-2.53		ppb
Silver	107-1	0.01	0.01	0.00	0.01	63.87	ppb
Silver	109-1	0.00	0.00	0.00	0.00	35.65	ppb
Sodium	23-2	0.37	-6.37	-0.48	-2.16		ppb
Strontium	86-1	0.01	-0.01	0.06	0.02	225.64	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	152.02	ppb
Sulfur	34-1	-859.18	-1158.29	-1147.03	-1054.83		ppb
Terbium	159-1				102		%
Terbium	159-2				113		%
Thallium	203-1	-0.04	-0.04	-0.02	-0.04		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICB06	Instrumnet Name :	P8
Client Sample ID :	ICB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:59:25	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.02	-0.03	-0.04	-0.03		ppb
Tin	118-1	0.02	0.11	-0.03	0.03	216.74	ppb
Titanium	47-1	0.00	0.02	0.03	0.02	91.70	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	179.55	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				114		%
Zinc	66-2	0.20	-0.11	-0.29	-0.07		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	154.62	ppb
Zirconium	91-1	-0.02	0.00	0.03	0.00	535.13	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P8
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:02:36	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92051.05	97847.83	93005.89	94301.59	3.30	ppb
Antimony	121-1	1.05	1.13	1.12	1.10	4.20	ppb
Arsenic	75-2	0.24	0.30	0.26	0.27	12.20	ppb
Barium	135-1	1.28	1.53	1.47	1.43	9.06	ppb
Barium	137-1	1.42	1.47	1.43	1.44	1.71	ppb
Beryllium	9-1	0.30	0.29	0.27	0.29	5.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	4.38	3.99	4.25	4.21	4.79	ppb
Boron	11-1	4.55	4.34	4.39	4.43	2.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.32	0.27	0.19	0.26	24.65	ppb
Cadmium	106-1	-2.26	-1.58	-2.74	-2.20		ppb
Cadmium	108-1	11.10	11.17	11.22	11.16	0.54	ppb
Calcium	43-1	101446.87	102429.48	103809.73	102562.03	1.16	ppb
Calcium	44-1	100425.99	100724.35	102023.78	101058.04	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.61	18.18	18.13	18.31	1.46	ppb
Cobalt	59-2	1.11	1.07	1.12	1.10	2.23	ppb
Copper	63-2	7.10	6.91	7.08	7.03	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	-132.77	-132.77	-132.77		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				109		%
Holmium	165-2				114		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	102629.66	101853.88	101083.45	101855.66	0.76	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P8
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:02:36	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	105034.49	100452.42	106866.00	104117.64	3.17	ppb
Iron	54-2	99153.83	101881.79	100447.23	100494.29	1.36	ppb
Krypton	83-1						cps
Lead	206-1	4.94	4.93	5.10	4.99	1.84	ppb
Lead	207-1	4.40	4.45	4.56	4.47	1.82	ppb
Lead	208-1	4.61	4.71	4.79	4.70	1.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	94329.31	94490.64	93604.39	94141.44	0.50	ppb
Manganese	55-2	7.15	7.02	7.01	7.06	1.13	ppb
Molybdenum	94-1	1562.74	1616.60	1562.10	1580.48	1.98	ppb
Molybdenum	95-1	1963.39	1960.51	1855.99	1926.63	3.18	ppb
Molybdenum	96-1	1952.46	1937.73	1929.45	1939.88	0.60	ppb
Molybdenum	97-1	1947.42	1973.25	1911.82	1944.16	1.59	ppb
Molybdenum	98-1	1994.14	1940.78	1927.25	1954.06	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.02	5.01	5.08	2.28	ppb
Phosphorus	31-2	92844.68	92512.30	92809.77	92722.25	0.20	ppb
Potassium	39-2	96893.15	95921.15	97434.84	96749.71	0.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.41	-0.51	1.23	0.37	231.48	ppb
Selenium	82-1	0.95	-0.05	0.58	0.49	102.76	ppb
Silicon	28-1	2.82	2.00	1.34	2.06	36.07	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.47	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.00	ppb
Sodium	23-2	97977.38	99717.77	97268.02	98321.06	1.28	ppb
Strontium	86-1	33.72	33.15	33.21	33.36	0.93	ppb
Strontium	88-1	33.53	33.38	33.97	33.63	0.91	ppb
Sulfur	34-1	91007.40	93838.02	92729.08	92524.83	1.54	ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	0.12	0.15	0.21	0.16	28.92	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P8
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:02:36	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.14	0.16	0.20	0.17	17.21	ppb
Tin	118-1	0.38	0.36	0.40	0.38	5.66	ppb
Titanium	47-1	2033.49	2049.75	2071.91	2051.72	0.94	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	33.07	ppb
Vanadium	51-2	0.15	0.12	0.15	0.14	13.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				115		%
Zinc	66-2	9.93	9.93	9.70	9.86	1.35	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	32.12	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	61.86	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P8
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:06:23	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	125542.39	99820.00	96417.57	107259.98	14.85	ppb
Antimony	121-1	21.31	21.60	20.26	21.06	3.34	ppb
Arsenic	75-2	25.03	19.50	19.03	21.19	15.76	ppb
Barium	135-1	21.02	21.76	20.76	21.18	2.46	ppb
Barium	137-1	21.66	21.70	20.25	21.20	3.89	ppb
Beryllium	9-1	20.65	20.29	20.56	20.50	0.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	41.39	42.69	42.42	42.17	1.62	ppb
Boron	11-1	44.26	45.15	46.93	45.45	2.98	ppb
Bromine	81-1						cps
Cadmium	111-1	20.64	20.62	19.08	20.11	4.45	ppb
Cadmium	106-1	24.28	27.13	22.60	24.67	9.28	ppb
Cadmium	108-1	35.31	34.35	32.69	34.12	3.89	ppb
Calcium	43-1	102029.94	101874.74	103263.71	102389.47	0.74	ppb
Calcium	44-1	100268.71	102232.28	105111.70	102537.56	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.52	38.55	36.51	41.52	16.86	ppb
Cobalt	59-2	25.98	20.43	19.31	21.91	16.29	ppb
Copper	63-2	32.97	25.61	25.20	27.93	15.65	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
Gold	197-1	-132.77	-132.77	56.00	-69.85		ppb
Gold	197-2	62.04	153.37	96.25	103.89	44.41	ppb
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	138648.37	105642.67	104464.16	116251.73	16.69	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P8
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:06:23	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	140862.12	105357.82	101492.74	115904.23	18.72	ppb
Iron	54-2	135640.43	106548.64	100327.22	114172.10	16.51	ppb
Krypton	83-1						cps
Lead	206-1	24.11	24.97	23.43	24.17	3.20	ppb
Lead	207-1	21.91	22.67	21.43	22.00	2.83	ppb
Lead	208-1	23.02	23.73	22.53	23.09	2.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	128268.01	96812.30	94318.16	106466.16	17.77	ppb
Manganese	55-2	33.13	26.06	25.85	28.35	14.63	ppb
Molybdenum	94-1	1719.17	1726.14	1650.56	1698.63	2.46	ppb
Molybdenum	95-1	2013.99	1976.82	1943.40	1978.07	1.79	ppb
Molybdenum	96-1	2134.82	1937.17	1873.00	1981.66	6.89	ppb
Molybdenum	97-1	2050.76	1920.26	1900.79	1957.27	4.17	ppb
Molybdenum	98-1	2067.91	1958.65	1956.50	1994.35	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.89	24.97	24.30	27.39	17.44	ppb
Phosphorus	31-2	125436.38	95591.75	92493.25	104507.13	17.41	ppb
Potassium	39-2	128894.03	102073.73	97932.53	109633.43	15.33	ppb
Rhodium	103-1				109		%
Rhodium	103-2				96		%
Scandium	45-1				115		%
Scandium	45-2				102		%
Selenium	77-2	27.35	16.92	18.18	20.82	27.35	ppb
Selenium	78-2	25.14	20.14	20.41	21.90	12.85	ppb
Selenium	82-1	19.85	20.41	19.98	20.08	1.48	ppb
Silicon	28-1	13.04	13.05	13.58	13.23	2.34	ppb
Silver	107-1	19.14	19.64	18.93	19.24	1.90	ppb
Silver	109-1	19.65	19.03	18.76	19.15	2.37	ppb
Sodium	23-2	128954.92	103187.10	99208.70	110450.24	14.62	ppb
Strontium	86-1	84.90	82.20	79.78	82.29	3.11	ppb
Strontium	88-1	86.47	89.39	85.93	87.26	2.13	ppb
Sulfur	34-1	92559.89	89797.95	89598.38	90652.07	1.83	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	19.99	20.23	19.30	19.84	2.43	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P8
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:06:23	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	20.09	21.35	19.80	20.41	4.03	ppb
Tin	118-1	52.84	53.47	48.58	51.63	5.15	ppb
Titanium	47-1	2049.34	2079.48	2062.09	2063.63	0.73	ppb
Uranium	238-1	51.50	53.03	50.60	51.71	2.37	ppb
Vanadium	51-2	24.45	19.40	18.91	20.92	14.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				107		%
Zinc	66-2	37.79	29.15	27.65	31.53	17.37	ppb
Zirconium	90-1	51.78	50.73	49.02	50.51	2.77	ppb
Zirconium	91-1	53.54	51.29	49.32	51.38	4.11	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:09:23	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52163.70	52939.24	52512.51	52538.48	0.74	ppb
Antimony	121-1	485.92	489.01	490.89	488.61	0.51	ppb
Arsenic	75-2	455.41	478.52	478.88	470.93	2.86	ppb
Barium	135-1	2473.02	2507.66	2502.19	2494.29	0.75	ppb
Barium	137-1	2501.24	2451.29	2553.50	2502.01	2.04	ppb
Beryllium	9-1	487.26	481.10	485.71	484.69	0.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Boron	10-1	479.39	484.86	521.21	495.15	4.59	ppb
Boron	11-1	490.45	498.18	518.63	502.42	2.90	ppb
Bromine	81-1						cps
Cadmium	111-1	476.61	476.68	478.98	477.42	0.28	ppb
Cadmium	106-1	476.51	489.86	500.18	488.85	2.43	ppb
Cadmium	108-1	504.95	480.73	493.60	493.09	2.46	ppb
Calcium	43-1	250873.14	252047.78	263281.95	255400.95	2.68	ppb
Calcium	44-1	252050.67	259849.70	259665.19	257188.52	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.58	483.17	472.12	477.29	1.16	ppb
Cobalt	59-2	490.23	512.76	492.40	498.47	2.49	ppb
Copper	63-2	4968.64	5197.97	4994.93	5053.85	2.48	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
Gold	197-1	667.78	278.63	1751.07	899.16	84.86	ppb
Gold	197-2	779.22	761.47	815.27	785.32	3.49	ppb
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	133707.11	131067.25	129733.00	131502.45	1.54	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:09:23	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	131232.19	134881.56	133344.89	133152.88	1.38	ppb
Iron	54-2	129044.27	128161.92	131717.66	129641.28	1.43	ppb
Krypton	83-1						cps
Lead	206-1	2625.45	2658.94	2569.17	2617.85	1.73	ppb
Lead	207-1	2545.16	2649.30	2584.19	2592.88	2.03	ppb
Lead	208-1	2566.03	2620.42	2583.74	2590.06	1.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	237292.04	239984.92	238599.07	238625.34	0.56	ppb
Manganese	55-2	4850.77	4994.44	4748.67	4864.63	2.54	ppb
Molybdenum	94-1	4768.75	4915.14	5002.54	4895.47	2.41	ppb
Molybdenum	95-1	4919.18	5155.80	5058.28	5044.42	2.36	ppb
Molybdenum	96-1	5114.42	5018.18	4889.08	5007.23	2.26	ppb
Molybdenum	97-1	4879.61	4912.35	4883.97	4891.98	0.36	ppb
Molybdenum	98-1	5011.67	5126.14	4959.17	5032.33	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.11	550.40	546.07	545.86	0.85	ppb
Phosphorus	31-2	9582.78	10292.28	9548.32	9807.79	4.28	ppb
Potassium	39-2	126553.22	133834.81	129344.24	129910.75	2.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				113		%
Scandium	45-2				103		%
Selenium	77-2	491.06	493.31	480.05	488.14	1.45	ppb
Selenium	78-2	470.58	509.59	491.39	490.52	3.98	ppb
Selenium	82-1	497.86	496.16	499.08	497.70	0.29	ppb
Silicon	28-1	526.57	524.52	562.56	537.88	3.98	ppb
Silver	107-1	489.76	494.07	483.96	489.26	1.04	ppb
Silver	109-1	508.15	501.81	499.76	503.24	0.87	ppb
Sodium	23-2	257799.76	271441.82	259044.05	262761.88	2.87	ppb
Strontium	86-1	12369.50	12342.39	12803.82	12505.23	2.07	ppb
Strontium	88-1	12166.36	12315.77	12379.01	12287.05	0.89	ppb
Sulfur	34-1	9502.67	9978.79	10480.34	9987.27	4.90	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	529.54	508.35	532.30	523.39	2.50	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:09:23	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	525.60	533.97	523.52	527.70	1.05	ppb
Tin	118-1	491.55	506.50	504.61	500.89	1.62	ppb
Titanium	47-1	4947.74	4988.80	5027.12	4987.89	0.80	ppb
Uranium	238-1	521.57	532.96	549.21	534.58	2.60	ppb
Vanadium	51-2	486.10	498.07	486.02	490.06	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	4834.93	4891.86	4515.55	4747.45	4.27	ppb
Zirconium	90-1	483.57	500.85	512.53	498.98	2.92	ppb
Zirconium	91-1	496.98	510.19	507.84	505.00	1.40	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:19:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	-0.02	0.17	0.09	105.54	ppb
Antimony	121-1	0.03	0.06	0.10	0.06	51.97	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	51.92	ppb
Barium	135-1	0.00	0.00	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.01	0.00	242.36	ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	21.10	ppb
Bismuth	209-1				110		%
Bismuth	209-2				111		%
Boron	10-1	6.35	6.47	7.07	6.63	5.88	ppb
Boron	11-1	7.02	7.17	7.53	7.24	3.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.13	-0.24	-0.19		ppb
Cadmium	106-1	-2.98	-2.25	-3.31	-2.85		ppb
Cadmium	108-1	-0.25	-0.28	-0.17	-0.23		ppb
Calcium	43-1	-1.46	0.34	-0.34	-0.48		ppb
Calcium	44-1	-3.68	-2.50	-2.21	-2.80		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	-0.03	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.12	0.16	0.16	0.15	18.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	225.99	222.79	-132.77	105.33	195.77	ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	56-2	0.24	0.22	0.51	0.32	50.42	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:19:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-0.91	0.76	-1.35	-0.50		ppb
Iron	54-2	-1.50	-1.00	-0.32	-0.94		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.07	0.04	64.49	ppb
Lead	207-1	0.02	0.05	0.03	0.03	47.10	ppb
Lead	208-1	0.03	0.04	0.05	0.04	25.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.36	0.47	0.40	0.41	14.05	ppb
Manganese	55-2	0.01	-0.02	-0.05	-0.02		ppb
Molybdenum	94-1	0.16	0.14	0.14	0.15	10.17	ppb
Molybdenum	95-1	0.17	0.17	0.20	0.18	11.16	ppb
Molybdenum	96-1	0.13	0.16	0.13	0.14	12.55	ppb
Molybdenum	97-1	0.16	0.13	0.15	0.15	10.12	ppb
Molybdenum	98-1	0.15	0.17	0.14	0.15	8.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.03	-0.01		ppb
Phosphorus	31-2	-69.32	-72.42	-49.97	-63.90		ppb
Potassium	39-2	-12.37	-23.07	-13.30	-16.25		ppb
Rhodium	103-1				112		%
Rhodium	103-2				114		%
Scandium	45-1				113		%
Scandium	45-2				110		%
Selenium	77-2	-0.51	-0.51	0.14	-0.30		ppb
Selenium	78-2	0.53	0.06	0.54	0.38	73.38	ppb
Selenium	82-1	0.41	0.20	0.54	0.38	43.83	ppb
Silicon	28-1	-6.24	-5.36	-3.12	-4.91		ppb
Silver	107-1	0.01	0.01	0.01	0.01	43.85	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.21	ppb
Sodium	23-2	18.51	18.63	20.81	19.32	6.68	ppb
Strontium	86-1	-0.03	-0.01	0.04	0.00	5237.93	ppb
Strontium	88-1	0.01	0.03	0.01	0.02	61.55	ppb
Sulfur	34-1	-2138.01	-2049.60	-1660.00	-1949.21		ppb
Terbium	159-1				112		%
Terbium	159-2				114		%
Thallium	203-1	0.09	0.11	0.11	0.10	15.69	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:19:32	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.09	0.09	0.10	0.09	3.15	ppb
Tin	118-1	3.07	-0.02	0.01	1.02	174.50	ppb
Titanium	47-1	-0.06	-0.02	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	95.69	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				115		%
Yttrium	89-2				115		%
Zinc	66-2	0.04	-0.02	-0.03	0.00		ppb
Zirconium	90-1	-0.01	-0.01	0.02	0.00	2742.61	ppb
Zirconium	91-1	0.02	0.02	0.01	0.01	44.26	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:22:41	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.01	20.19	18.26	19.49	5.49	ppb
Antimony	121-1	1.99	1.92	1.83	1.91	4.11	ppb
Arsenic	75-2	0.95	0.99	0.95	0.96	2.32	ppb
Barium	135-1	9.52	9.51	9.19	9.41	1.96	ppb
Barium	137-1	9.11	10.14	9.47	9.57	5.48	ppb
Beryllium	9-1	1.10	1.09	1.06	1.08	1.66	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	20.72	22.26	21.98	21.65	3.79	ppb
Boron	11-1	22.04	24.03	22.84	22.97	4.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.96	1.07	1.01	1.01	5.18	ppb
Cadmium	106-1	0.48	0.66	0.16	0.43	58.63	ppb
Cadmium	108-1	1.03	0.89	1.00	0.97	7.50	ppb
Calcium	43-1	493.84	487.07	475.26	485.39	1.94	ppb
Calcium	44-1	491.77	497.30	478.17	489.08	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.90	1.88	1.87	1.72	ppb
Cobalt	59-2	0.99	0.98	0.95	0.97	2.03	ppb
Copper	63-2	2.07	1.97	1.99	2.01	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
Gold	197-1	-132.77	52.48	52.18	-9.37		ppb
Gold	197-2	0.00	47.42	47.92	31.78	86.61	ppb
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	51.51	50.25	49.24	50.33	2.26	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:22:41	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	50.08	54.76	48.81	51.22	6.12	ppb
Iron	54-2	49.85	49.28	46.26	48.46	3.98	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.90	0.89	0.92	5.24	ppb
Lead	207-1	0.87	0.88	0.87	0.87	0.48	ppb
Lead	208-1	0.91	0.92	0.89	0.90	1.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	520.63	518.18	489.39	509.40	3.41	ppb
Manganese	55-2	1.12	0.96	0.97	1.02	8.84	ppb
Molybdenum	94-1	5.55	5.89	5.65	5.70	3.07	ppb
Molybdenum	95-1	4.85	4.95	4.82	4.87	1.36	ppb
Molybdenum	96-1	4.62	5.08	5.09	4.93	5.41	ppb
Molybdenum	97-1	4.97	5.15	4.76	4.96	3.85	ppb
Molybdenum	98-1	4.75	5.01	4.81	4.86	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.06	0.96	1.06	8.85	ppb
Phosphorus	31-2	-66.36	-46.94	-36.17	-49.82		ppb
Potassium	39-2	467.51	454.10	464.47	462.03	1.52	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	3.63	4.14	4.26	4.01	8.35	ppb
Selenium	78-2	5.01	4.42	4.71	4.71	6.18	ppb
Selenium	82-1	5.09	5.57	5.91	5.52	7.39	ppb
Silicon	28-1	-2.29	-1.41	-1.62	-1.78		ppb
Silver	107-1	1.08	1.04	1.06	1.06	1.96	ppb
Silver	109-1	1.07	1.07	1.05	1.06	1.26	ppb
Sodium	23-2	514.30	513.24	490.25	505.93	2.69	ppb
Strontium	86-1	0.95	1.02	1.18	1.05	10.88	ppb
Strontium	88-1	0.97	0.96	0.96	0.96	0.89	ppb
Sulfur	34-1	-1902.99	-1550.06	-1787.41	-1746.82		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	1.05	1.07	0.96	1.03	6.03	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:22:41	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	1.02	1.03	0.98	1.01	2.61	ppb
Tin	118-1	4.79	5.14	4.67	4.87	4.98	ppb
Titanium	47-1	4.79	4.74	5.06	4.86	3.51	ppb
Uranium	238-1	0.87	0.88	0.87	0.87	0.59	ppb
Vanadium	51-2	4.55	4.86	4.60	4.67	3.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	2.18	2.15	1.98	2.11	5.07	ppb
Zirconium	90-1	0.91	0.97	0.95	0.94	3.22	ppb
Zirconium	91-1	1.08	0.92	0.87	0.96	11.22	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BS	Instrumnet Name :	P8
Client Sample ID :	PB147380BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:30:32	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10067.87	10668.23	9690.50	10142.20	4.86	ppb
Antimony	121-1	514.22	514.06	496.62	508.30	1.99	ppb
Arsenic	75-2	474.74	507.32	464.78	482.28	4.61	ppb
Barium	135-1	2533.60	2522.75	2579.71	2545.36	1.19	ppb
Barium	137-1	2556.29	2460.58	2585.29	2534.05	2.58	ppb
Beryllium	9-1	516.13	521.01	503.01	513.38	1.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	439.18	454.66	448.37	447.40	1.74	ppb
Boron	11-1	435.32	468.89	437.70	447.30	4.19	ppb
Bromine	81-1						cps
Cadmium	111-1	496.38	490.32	492.85	493.19	0.62	ppb
Cadmium	106-1	510.40	498.79	528.03	512.41	2.87	ppb
Cadmium	108-1	505.79	509.28	521.15	512.07	1.57	ppb
Calcium	43-1	58896.75	63985.56	60147.58	61009.96	4.35	ppb
Calcium	44-1	54500.29	59212.70	56133.34	56615.44	4.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	480.87	505.70	457.70	481.42	4.99	ppb
Cobalt	59-2	510.94	540.15	488.42	513.17	5.05	ppb
Copper	63-2	5087.46	5412.09	4879.32	5126.29	5.24	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
Gold	197-1	443.79	242.35	622.06	436.07	43.56	ppb
Gold	197-2	548.29	521.54	633.59	567.81	10.31	ppb
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	56-2	27378.66	28193.88	26625.47	27399.34	2.86	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BS	Instrumnet Name :	P8
Client Sample ID :	PB147380BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:30:32	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	26169.61	27286.14	25118.47	26191.40	4.14	ppb
Iron	54-2	27374.61	29523.65	26234.53	27710.93	6.03	ppb
Krypton	83-1						cps
Lead	206-1	2627.58	2587.49	2532.52	2582.53	1.85	ppb
Lead	207-1	2505.38	2601.74	2439.07	2515.40	3.25	ppb
Lead	208-1	2566.54	2567.97	2492.24	2542.25	1.70	ppb
Lithium	6-1				104		%
Magnesium	24-2	52533.10	55653.48	50724.36	52970.31	4.71	ppb
Manganese	55-2	4966.09	5264.46	4697.76	4976.10	5.70	ppb
Molybdenum	94-1	5074.40	5173.53	5027.42	5091.78	1.46	ppb
Molybdenum	95-1	5022.91	5109.16	4903.15	5011.74	2.06	ppb
Molybdenum	96-1	5025.85	5110.55	5072.39	5069.60	0.84	ppb
Molybdenum	97-1	4896.02	5200.30	5080.83	5059.05	3.03	ppb
Molybdenum	98-1	4999.47	5153.23	4821.46	4991.39	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.12	525.91	489.79	507.60	3.56	ppb
Phosphorus	31-2	9646.12	10546.31	9650.84	9947.76	5.21	ppb
Potassium	39-2	26116.89	26418.19	25390.93	25975.33	2.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				106		%
Selenium	77-2	469.00	482.30	442.49	464.60	4.36	ppb
Selenium	78-2	472.28	514.02	461.86	482.72	5.72	ppb
Selenium	82-1	511.11	521.52	503.36	512.00	1.78	ppb
Silicon	28-1	355.16	394.72	372.14	374.01	5.31	ppb
Silver	107-1	535.71	503.96	525.64	521.77	3.11	ppb
Silver	109-1	531.48	516.64	525.87	524.66	1.43	ppb
Sodium	23-2	52126.85	55903.69	51096.31	53042.29	4.77	ppb
Strontium	86-1	12275.14	12691.92	12613.82	12526.96	1.77	ppb
Strontium	88-1	12730.72	13090.15	12451.79	12757.56	2.51	ppb
Sulfur	34-1	10830.37	11520.35	10494.94	10948.55	4.78	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	523.85	515.16	509.94	516.32	1.36	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BS	Instrumnet Name :	P8
Client Sample ID :	PB147380BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:30:32	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	533.90	520.37	507.55	520.61	2.53	ppb
Tin	118-1	503.89	513.00	516.02	510.97	1.24	ppb
Titanium	47-1	4963.81	5310.09	4875.59	5049.83	4.55	ppb
Uranium	238-1	512.50	487.40	499.05	499.65	2.51	ppb
Vanadium	51-2	476.60	507.13	465.02	482.92	4.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	5149.50	5259.25	4984.81	5131.19	2.69	ppb
Zirconium	90-1	499.25	525.27	492.04	505.52	3.46	ppb
Zirconium	91-1	523.49	519.55	508.38	517.14	1.52	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BL	Instrumnet Name :	P8
Client Sample ID :	PB147380BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:36:29	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.37	-0.22	-0.18	0.66	225.27	ppb
Antimony	121-1	0.07	0.10	0.14	0.10	35.91	ppb
Arsenic	75-2	0.03	0.00	0.03	0.02	67.32	ppb
Barium	135-1	0.01	0.00	0.00	0.00	197.32	ppb
Barium	137-1	0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	5.79	ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	10-1	12.18	11.91	10.86	11.65	6.00	ppb
Boron	11-1	13.00	12.56	11.48	12.35	6.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	0.00	-0.17	-0.11		ppb
Cadmium	106-1	-2.48	-0.16	-2.50	-1.71		ppb
Cadmium	108-1	-0.21	0.09	-0.21	-0.11		ppb
Calcium	43-1	-0.25	-0.99	0.35	-0.30		ppb
Calcium	44-1	-2.52	-4.42	-4.75	-3.89		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	-0.01	0.03	0.02	118.74	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	54.26	ppb
Copper	63-2	0.62	0.43	0.55	0.53	18.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	50.33	-132.77	47.98	-11.49		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	1.06	-0.25	0.36	0.39	167.35	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BL	Instrumnet Name :	P8
Client Sample ID :	PB147380BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:36:29	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1.62	-0.87	-0.74	0.00	76631.09	ppb
Iron	54-2	1.53	-1.47	-0.47	-0.14		ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.12	0.10	13.40	ppb
Lead	207-1	0.10	0.13	0.09	0.11	18.19	ppb
Lead	208-1	0.10	0.11	0.11	0.11	2.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	7.50	0.43	1.36	3.10	124.05	ppb
Manganese	55-2	0.12	-0.04	0.08	0.05	154.74	ppb
Molybdenum	94-1	0.22	0.24	0.25	0.24	6.23	ppb
Molybdenum	95-1	0.29	0.28	0.31	0.29	4.42	ppb
Molybdenum	96-1	0.34	0.29	0.29	0.30	10.41	ppb
Molybdenum	97-1	0.35	0.30	0.28	0.31	12.75	ppb
Molybdenum	98-1	0.33	0.27	0.27	0.29	12.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.04	-0.03	-0.02		ppb
Phosphorus	31-2	-31.11	-44.04	-60.26	-45.14		ppb
Potassium	39-2	-13.22	-16.34	-15.38	-14.98		ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	-0.51	0.13	-0.51	-0.30		ppb
Selenium	78-2	0.28	0.61	-0.36	0.18	278.67	ppb
Selenium	82-1	-0.33	0.57	0.60	0.28	186.79	ppb
Silicon	28-1	-3.28	-5.33	-5.77	-4.80		ppb
Silver	107-1	0.01	0.01	0.00	0.01	40.29	ppb
Silver	109-1	0.00	0.01	0.01	0.01	39.95	ppb
Sodium	23-2	24.15	13.72	14.50	17.46	33.27	ppb
Strontium	86-1	-0.04	0.03	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.01	0.02	0.02	33.09	ppb
Sulfur	34-1	-1566.41	-2128.06	-2374.75	-2023.07		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.02	0.03	0.03	18.50	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BL	Instrumnet Name :	P8
Client Sample ID :	PB147380BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:36:29	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.04	0.04	0.05	0.04	14.44	ppb
Tin	118-1	-0.02	0.07	0.03	0.02	187.78	ppb
Titanium	47-1	0.00	-0.05	-0.02	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	73.41	ppb
Vanadium	51-2	0.03	0.00	0.01	0.01	153.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	1.40	1.25	1.13	1.26	10.64	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	253.45	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	1773.88	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:19:46	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96.12	90.80	89.59	92.17	3.77	ppb
Antimony	121-1	0.16	0.13	0.16	0.15	10.21	ppb
Arsenic	75-2	3.76	3.35	3.55	3.55	5.65	ppb
Barium	135-1	152.67	156.79	153.72	154.40	1.39	ppb
Barium	137-1	154.81	158.56	155.76	156.38	1.25	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	4.62	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	41.65	44.05	44.93	43.55	3.90	ppb
Boron	11-1	45.83	47.37	48.78	47.33	3.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.84	1.10	1.04	1.00	13.60	ppb
Cadmium	106-1	-2.47	0.22	-1.09	-1.11		ppb
Cadmium	108-1	1.14	0.92	1.10	1.05	10.90	ppb
Calcium	43-1	40910.03	40252.72	41401.30	40854.69	1.41	ppb
Calcium	44-1	42105.60	39803.85	41676.59	41195.35	2.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.97	1.02	1.01	1.00	2.56	ppb
Cobalt	59-2	0.94	1.02	0.98	0.98	3.90	ppb
Copper	63-2	1.45	1.54	1.43	1.47	3.82	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
Gold	197-1	-132.77	73.67	271.12	70.67	285.77	ppb
Gold	197-2	51.69	0.00	0.00	17.23	173.21	ppb
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	7641.77	7773.98	7857.02	7757.59	1.40	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:19:46	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	7488.69	7648.95	7517.31	7551.65	1.13	ppb
Iron	54-2	7305.93	7516.71	7434.83	7419.16	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.45	0.41	0.45	7.13	ppb
Lead	207-1	0.44	0.44	0.42	0.43	3.32	ppb
Lead	208-1	0.44	0.46	0.43	0.44	3.87	ppb
Lithium	6-1				102		%
Magnesium	24-2	10716.53	10653.35	10881.88	10750.58	1.10	ppb
Manganese	55-2	456.19	446.71	446.92	449.94	1.20	ppb
Molybdenum	94-1	0.81	0.80	0.65	0.76	11.68	ppb
Molybdenum	95-1	0.41	0.30	0.34	0.35	14.72	ppb
Molybdenum	96-1	0.49	0.48	0.45	0.47	4.20	ppb
Molybdenum	97-1	0.37	0.37	0.33	0.36	6.18	ppb
Molybdenum	98-1	0.34	0.32	0.32	0.33	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.12	8.13	7.97	8.07	1.08	ppb
Phosphorus	31-2	145.58	44.38	69.18	86.38	61.06	ppb
Potassium	39-2	6318.86	6367.36	6275.40	6320.54	0.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	0.18	0.17	1.63	0.66	127.18	ppb
Selenium	78-2	-0.40	0.64	-0.28	-0.01		ppb
Selenium	82-1	1.21	1.64	2.42	1.76	34.87	ppb
Silicon	28-1	978.88	936.42	960.81	958.70	2.22	ppb
Silver	107-1	0.02	0.01	0.02	0.02	13.72	ppb
Silver	109-1	0.01	0.01	0.00	0.01	41.87	ppb
Sodium	23-2	174941.07	176012.69	178035.16	176329.64	0.89	ppb
Strontium	86-1	232.46	233.86	231.66	232.66	0.48	ppb
Strontium	88-1	246.98	239.20	238.62	241.60	1.93	ppb
Sulfur	34-1	13176.14	12613.51	13075.22	12954.96	2.32	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.02	0.03	8.42	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:19:46	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.02	0.01	0.02	0.02	42.48	ppb
Tin	118-1	-0.08	-0.10	-0.04	-0.07		ppb
Titanium	47-1	1.18	1.34	1.27	1.26	6.45	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	10.17	ppb
Vanadium	51-2	1.56	1.66	1.60	1.61	3.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	118.76	124.01	119.67	120.81	2.32	ppb
Zirconium	90-1	0.20	0.27	0.23	0.23	14.82	ppb
Zirconium	91-1	0.21	0.21	0.21	0.21	0.44	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922[	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:22:50	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110.94	95.46	91.80	99.40	10.22	ppb
Antimony	121-1	0.12	0.16	0.13	0.13	15.89	ppb
Arsenic	75-2	4.46	3.79	3.60	3.95	11.51	ppb
Barium	135-1	152.85	152.87	148.25	151.33	1.76	ppb
Barium	137-1	151.56	156.66	155.28	154.50	1.71	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	8.24	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	43.11	46.56	46.82	45.49	4.56	ppb
Boron	11-1	47.64	49.45	51.05	49.38	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	1.22	0.94	1.11	13.46	ppb
Cadmium	106-1	1.66	1.41	-2.03	0.35	594.74	ppb
Cadmium	108-1	1.08	0.85	0.76	0.90	18.06	ppb
Calcium	43-1	38403.63	40196.35	40108.72	39569.56	2.55	ppb
Calcium	44-1	38839.00	40238.77	40584.42	39887.40	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.16	0.93	1.00	1.03	11.59	ppb
Cobalt	59-2	1.03	1.06	0.99	1.03	3.49	ppb
Copper	63-2	1.75	1.54	1.37	1.56	12.26	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
Gold	197-1	-132.77	-132.77	-132.77	-132.77		ppb
Gold	197-2	0.00	51.46	0.00	17.15	173.21	ppb
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	8976.26	8098.59	7570.49	8215.11	8.64	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922[	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:22:50	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	8688.50	7742.40	7375.96	7935.62	8.53	ppb
Iron	54-2	8468.05	7501.76	7198.91	7722.91	8.58	ppb
Krypton	83-1						cps
Lead	206-1	0.46	0.46	0.43	0.45	3.56	ppb
Lead	207-1	0.41	0.36	0.39	0.39	6.94	ppb
Lead	208-1	0.41	0.41	0.39	0.40	2.11	ppb
Lithium	6-1				103		%
Magnesium	24-2	12407.32	10946.07	10580.01	11311.13	8.55	ppb
Manganese	55-2	516.96	458.02	435.08	470.02	8.99	ppb
Molybdenum	94-1	0.72	0.78	0.62	0.71	11.25	ppb
Molybdenum	95-1	0.32	0.32	0.29	0.31	6.82	ppb
Molybdenum	96-1	0.46	0.52	0.51	0.50	7.15	ppb
Molybdenum	97-1	0.32	0.32	0.32	0.32	0.90	ppb
Molybdenum	98-1	0.31	0.35	0.32	0.33	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.26	8.56	8.03	8.62	7.14	ppb
Phosphorus	31-2	123.73	154.06	67.13	114.97	38.38	ppb
Potassium	39-2	7105.16	6457.92	6217.85	6593.64	6.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	77-2	1.11	0.22	0.92	0.75	62.39	ppb
Selenium	78-2	1.30	1.18	1.84	1.44	24.49	ppb
Selenium	82-1	1.71	1.89	2.36	1.99	16.87	ppb
Silicon	28-1	894.83	929.34	914.99	913.06	1.90	ppb
Silver	107-1	0.01	0.01	0.01	0.01	28.19	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.70	ppb
Sodium	23-2	204194.92	180904.30	174940.24	186679.82	8.28	ppb
Strontium	86-1	230.87	242.56	232.73	235.39	2.67	ppb
Strontium	88-1	233.12	255.29	243.28	243.89	4.55	ppb
Sulfur	34-1	10850.37	11766.90	11728.53	11448.60	4.53	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.02	-0.01	0.01	257.64	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922[	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:22:50	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.00	0.01	0.01	0.00	132.92	ppb
Tin	118-1	0.07	-0.10	-0.11	-0.04		ppb
Titanium	47-1	1.20	1.23	1.53	1.32	13.76	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	1.18	ppb
Vanadium	51-2	1.81	1.79	1.51	1.70	9.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	134.08	121.36	117.37	124.27	7.02	ppb
Zirconium	90-1	0.24	0.21	0.25	0.23	9.81	ppb
Zirconium	91-1	0.21	0.29	0.26	0.25	15.86	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922L	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 15:25:58	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.94	18.54	19.65	19.05	2.96	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	35.98	ppb
Arsenic	75-2	0.75	0.62	0.70	0.69	9.12	ppb
Barium	135-1	30.16	29.41	29.62	29.73	1.31	ppb
Barium	137-1	30.96	29.98	30.79	30.57	1.71	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	27.09	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	11.81	12.49	11.96	12.09	2.97	ppb
Boron	11-1	12.63	13.06	13.08	12.92	1.97	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.01	0.20	0.10	105.20	ppb
Cadmium	106-1	-2.15	-2.53	-0.13	-1.61		ppb
Cadmium	108-1	0.05	0.18	0.09	0.11	57.15	ppb
Calcium	43-1	7676.85	8148.48	7782.56	7869.30	3.14	ppb
Calcium	44-1	7627.25	8281.43	7689.29	7865.99	4.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.30	0.23	0.28	14.64	ppb
Cobalt	59-2	0.20	0.22	0.16	0.20	15.30	ppb
Copper	63-2	0.32	0.36	0.33	0.34	6.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	-132.77	55.13	-70.14		ppb
Gold	197-2	48.17	0.00	0.00	16.06	173.21	ppb
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	1627.37	1617.51	1518.71	1587.86	3.78	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922L	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 15:25:58	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	1484.11	1526.38	1457.03	1489.17	2.35	ppb
Iron	54-2	1468.81	1504.95	1419.56	1464.44	2.93	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.08	0.08	11.12	ppb
Lead	207-1	0.07	0.10	0.09	0.09	19.68	ppb
Lead	208-1	0.07	0.09	0.07	0.07	12.91	ppb
Lithium	6-1				104		%
Magnesium	24-2	2099.65	2088.08	2009.53	2065.75	2.37	ppb
Manganese	55-2	90.18	91.23	86.92	89.45	2.51	ppb
Molybdenum	94-1	0.13	0.12	0.13	0.13	5.55	ppb
Molybdenum	95-1	0.06	0.10	0.09	0.08	24.24	ppb
Molybdenum	96-1	0.09	0.09	0.10	0.10	5.84	ppb
Molybdenum	97-1	0.09	0.09	0.05	0.07	29.75	ppb
Molybdenum	98-1	0.08	0.04	0.08	0.07	28.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.62	1.71	1.62	1.65	3.24	ppb
Phosphorus	31-2	-38.77	-6.38	-35.32	-26.82		ppb
Potassium	39-2	1213.65	1248.78	1165.15	1209.19	3.47	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	-0.51	1.62	0.17	0.43	255.44	ppb
Selenium	78-2	-0.48	0.03	0.64	0.06	901.33	ppb
Selenium	82-1	0.68	0.58	0.56	0.61	11.32	ppb
Silicon	28-1	173.62	183.21	172.01	176.28	3.43	ppb
Silver	107-1	0.00	0.01	0.00	0.00	109.25	ppb
Silver	109-1	0.00	0.00	0.00	0.00	308.40	ppb
Sodium	23-2	34991.88	34966.64	33934.82	34631.11	1.74	ppb
Strontium	86-1	47.57	46.83	44.79	46.40	3.11	ppb
Strontium	88-1	47.86	47.94	46.59	47.46	1.59	ppb
Sulfur	34-1	543.26	1445.81	957.54	982.20	46.00	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922L	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 15:25:58	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.07	0.00	0.04	0.04	95.40	ppb
Titanium	47-1	0.24	0.42	0.23	0.29	35.59	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.76	ppb
Vanadium	51-2	0.36	0.31	0.30	0.32	9.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	25.41	24.82	24.07	24.77	2.70	ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	27.02	ppb
Zirconium	91-1	0.02	0.08	0.02	0.04	87.61	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-03	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:29:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112.15	110.53	116.13	112.94	2.55	ppb
Antimony	121-1	0.24	0.24	0.17	0.22	19.39	ppb
Arsenic	75-2	2.77	2.91	3.30	2.99	9.19	ppb
Barium	135-1	160.37	156.03	154.98	157.13	1.82	ppb
Barium	137-1	162.01	163.02	156.66	160.56	2.13	ppb
Beryllium	9-1	0.06	0.07	0.07	0.07	8.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	46.47	49.69	47.69	47.95	3.39	ppb
Boron	11-1	50.46	52.46	52.19	51.70	2.10	ppb
Bromine	81-1						cps
Cadmium	111-1	0.80	0.68	0.55	0.68	18.35	ppb
Cadmium	106-1	-0.72	-0.57	-2.53	-1.27		ppb
Cadmium	108-1	0.52	0.42	0.76	0.57	30.79	ppb
Calcium	43-1	40541.43	40979.57	41240.18	40920.39	0.86	ppb
Calcium	44-1	40818.22	42140.86	41060.76	41339.95	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.87	2.10	1.97	6.01	ppb
Cobalt	59-2	1.77	1.84	1.85	1.82	2.41	ppb
Copper	63-2	10.52	10.12	10.62	10.42	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	-132.77	55.65	-69.96		ppb
Gold	197-2	48.54	48.40	0.00	32.31	86.60	ppb
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	7655.01	7827.34	8097.18	7859.84	2.84	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-03	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:29:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	7541.22	7469.25	7999.26	7669.91	3.75	ppb
Iron	54-2	7449.09	7309.18	7675.09	7477.79	2.47	ppb
Krypton	83-1						cps
Lead	206-1	7.10	7.03	6.71	6.95	3.01	ppb
Lead	207-1	6.47	6.35	6.22	6.35	1.96	ppb
Lead	208-1	6.77	6.69	6.41	6.62	2.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	11090.82	10713.82	11693.29	11165.98	4.42	ppb
Manganese	55-2	454.09	459.82	482.73	465.55	3.25	ppb
Molybdenum	94-1	0.75	0.62	0.78	0.72	11.95	ppb
Molybdenum	95-1	0.33	0.37	0.39	0.36	9.58	ppb
Molybdenum	96-1	0.55	0.45	0.55	0.52	11.90	ppb
Molybdenum	97-1	0.35	0.42	0.42	0.40	10.89	ppb
Molybdenum	98-1	0.33	0.41	0.41	0.38	11.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.24	12.58	13.65	13.16	4.11	ppb
Phosphorus	31-2	90.65	91.07	72.43	84.72	12.56	ppb
Potassium	39-2	6456.24	6283.22	6680.23	6473.23	3.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	-0.51	-0.51	0.22	-0.27		ppb
Selenium	78-2	0.37	1.73	1.40	1.16	60.71	ppb
Selenium	82-1	1.51	2.08	1.54	1.71	18.56	ppb
Silicon	28-1	929.41	951.61	950.61	943.88	1.33	ppb
Silver	107-1	0.01	0.01	0.01	0.01	42.83	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.14	ppb
Sodium	23-2	180064.95	175551.39	187564.28	181060.20	3.35	ppb
Strontium	86-1	240.53	242.58	247.49	243.53	1.47	ppb
Strontium	88-1	249.11	255.23	255.88	253.41	1.48	ppb
Sulfur	34-1	12104.81	12288.92	12429.15	12274.29	1.33	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.02	0.02	0.02	31.07	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-03	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:29:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.02	0.03	0.02	0.02	9.45	ppb
Tin	118-1	0.71	0.69	0.80	0.73	7.56	ppb
Titanium	47-1	2.55	2.48	2.43	2.49	2.57	ppb
Uranium	238-1	0.04	0.03	0.04	0.03	20.98	ppb
Vanadium	51-2	1.15	1.24	1.37	1.25	9.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	134.85	132.05	139.34	135.42	2.71	ppb
Zirconium	90-1	0.20	0.21	0.22	0.21	6.21	ppb
Zirconium	91-1	0.21	0.24	0.27	0.24	11.65	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-01	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:32:10	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.45	47.55	47.20	49.73	8.22	ppb
Antimony	121-1	0.09	0.06	0.09	0.08	17.87	ppb
Arsenic	75-2	2.98	3.34	3.04	3.12	6.05	ppb
Barium	135-1	173.14	176.27	184.93	178.11	3.43	ppb
Barium	137-1	180.85	179.34	187.04	182.41	2.24	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	14.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	76.08	80.73	83.52	80.11	4.69	ppb
Boron	11-1	83.85	89.43	88.96	87.41	3.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.43	0.42	0.22	0.36	33.54	ppb
Cadmium	106-1	-1.23	-0.19	-3.09	-1.50		ppb
Cadmium	108-1	0.39	0.11	0.25	0.25	56.41	ppb
Calcium	43-1	36074.66	37898.73	37831.29	37268.23	2.78	ppb
Calcium	44-1	37676.66	38583.17	38441.83	38233.89	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.85	0.77	0.82	0.81	4.85	ppb
Cobalt	59-2	13.23	13.12	13.00	13.12	0.89	ppb
Copper	63-2	0.36	0.38	0.39	0.38	4.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	63.41	-132.77	58.64	-3.57		ppb
Gold	197-2	50.17	0.00	49.54	33.24	86.61	ppb
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	3870.48	3918.55	3794.72	3861.25	1.62	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-01	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:32:10	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	3722.16	3689.64	3640.36	3684.05	1.12	ppb
Iron	54-2	3533.24	3618.69	3569.66	3573.86	1.20	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.45	0.42	0.43	4.05	ppb
Lead	207-1	0.41	0.40	0.38	0.40	4.02	ppb
Lead	208-1	0.40	0.43	0.42	0.42	3.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	13755.94	14102.22	13950.98	13936.38	1.25	ppb
Manganese	55-2	1657.78	1692.57	1661.94	1670.76	1.14	ppb
Molybdenum	94-1	0.24	0.28	0.26	0.26	8.04	ppb
Molybdenum	95-1	0.23	0.35	0.37	0.32	24.19	ppb
Molybdenum	96-1	0.27	0.23	0.27	0.26	9.36	ppb
Molybdenum	97-1	0.21	0.20	0.22	0.21	6.78	ppb
Molybdenum	98-1	0.20	0.25	0.19	0.21	14.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.30	7.44	7.61	7.45	2.04	ppb
Phosphorus	31-2	194.86	195.16	176.30	188.77	5.72	ppb
Potassium	39-2	6754.00	6832.98	6621.67	6736.22	1.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	0.85	-0.51	0.18	0.17	392.50	ppb
Selenium	78-2	0.67	0.26	-0.24	0.23	199.94	ppb
Selenium	82-1	1.09	1.15	1.22	1.15	5.79	ppb
Silicon	28-1	1222.15	1278.93	1318.33	1273.14	3.80	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.20	ppb
Silver	109-1	0.00	0.01	0.01	0.01	30.30	ppb
Sodium	23-2	233523.85	233598.09	232992.10	233371.35	0.14	ppb
Strontium	86-1	262.24	260.34	261.19	261.25	0.36	ppb
Strontium	88-1	270.41	273.20	262.18	268.60	2.13	ppb
Sulfur	34-1	9900.73	13760.43	13947.56	12536.24	18.22	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	0.02	0.01	145.06	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-01	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:32:10	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.15	-0.16	-0.16	-0.16		ppb
Titanium	47-1	1.25	1.30	1.11	1.22	8.26	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	39.01	ppb
Vanadium	51-2	1.80	1.76	1.86	1.81	2.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	24.48	24.19	24.20	24.29	0.66	ppb
Zirconium	90-1	0.04	0.06	0.05	0.05	21.77	ppb
Zirconium	91-1	0.06	0.02	0.07	0.05	53.49	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-02	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:35:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.91	46.97	46.69	47.52	2.55	ppb
Antimony	121-1	0.08	0.08	0.09	0.09	6.28	ppb
Arsenic	75-2	2.75	2.77	2.78	2.77	0.69	ppb
Barium	135-1	172.43	169.04	172.90	171.46	1.23	ppb
Barium	137-1	182.05	173.14	177.91	177.70	2.51	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	2.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	78.00	83.03	81.49	80.84	3.19	ppb
Boron	11-1	84.97	89.85	90.33	88.38	3.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.14	-0.03	-0.04		ppb
Cadmium	106-1	-0.36	-2.59	-1.56	-1.50		ppb
Cadmium	108-1	-0.09	-0.08	-0.18	-0.11		ppb
Calcium	43-1	37250.20	36314.16	35636.05	36400.14	2.23	ppb
Calcium	44-1	37441.51	36643.97	35964.06	36683.18	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.85	1.75	1.83	4.26	ppb
Cobalt	59-2	12.60	12.51	12.35	12.49	1.02	ppb
Copper	63-2	0.65	0.63	0.71	0.66	6.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	464.95	63.45	64.13	197.51	117.26	ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				111		%
Holmium	165-2				114		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	3740.07	3685.84	3779.71	3735.21	1.26	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-02	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:35:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	3597.17	3594.56	3687.87	3626.53	1.47	ppb
Iron	54-2	3484.00	3517.52	3519.70	3507.07	0.57	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.25	0.23	0.26	9.77	ppb
Lead	207-1	0.22	0.22	0.24	0.23	4.45	ppb
Lead	208-1	0.24	0.24	0.23	0.24	2.35	ppb
Lithium	6-1				103		%
Magnesium	24-2	13701.22	13464.47	12803.95	13323.21	3.49	ppb
Manganese	55-2	1595.49	1626.18	1616.60	1612.76	0.97	ppb
Molybdenum	94-1	0.36	0.38	0.42	0.39	8.11	ppb
Molybdenum	95-1	0.47	0.43	0.40	0.44	8.54	ppb
Molybdenum	96-1	0.50	0.52	0.50	0.50	2.39	ppb
Molybdenum	97-1	0.42	0.32	0.38	0.37	12.57	ppb
Molybdenum	98-1	0.38	0.40	0.40	0.39	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.12	7.27	7.22	7.21	1.07	ppb
Phosphorus	31-2	187.02	184.19	194.77	188.66	2.90	ppb
Potassium	39-2	6400.33	6445.36	6575.44	6473.71	1.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.38	0.59	-0.41	0.19	284.67	ppb
Selenium	82-1	1.41	1.33	0.98	1.24	18.17	ppb
Silicon	28-1	1274.23	1246.54	1241.14	1253.97	1.42	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.62	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.70	ppb
Sodium	23-2	222227.91	217487.28	220393.48	220036.22	1.09	ppb
Strontium	86-1	266.64	265.73	259.56	263.98	1.46	ppb
Strontium	88-1	274.83	269.59	268.76	271.06	1.22	ppb
Sulfur	34-1	12548.26	9421.23	12539.84	11503.11	15.67	ppb
Terbium	159-1				109		%
Terbium	159-2				114		%
Thallium	203-1	0.00	-0.02	0.01	0.00		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-02	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:35:14	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.02	0.01	0.00	0.01	56.57	ppb
Tin	118-1	-0.09	-0.07	-0.08	-0.08		ppb
Titanium	47-1	0.90	0.92	0.88	0.90	2.14	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	33.26	ppb
Vanadium	51-2	1.54	1.50	1.49	1.51	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				114		%
Zinc	66-2	20.31	20.87	20.14	20.44	1.87	ppb
Zirconium	90-1	0.03	0.05	0.03	0.04	27.94	ppb
Zirconium	91-1	0.07	0.04	0.07	0.06	24.15	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-03	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:38:20	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	190.07	183.54	181.46	185.02	2.43	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	28.91	ppb
Arsenic	75-2	4.64	4.52	4.55	4.57	1.35	ppb
Barium	135-1	237.68	238.82	244.49	240.33	1.52	ppb
Barium	137-1	244.48	245.94	241.65	244.02	0.89	ppb
Beryllium	9-1	0.09	0.09	0.08	0.09	4.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				113		%
Boron	10-1	20.85	21.88	20.37	21.04	3.66	ppb
Boron	11-1	23.24	24.05	22.39	23.23	3.58	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.11	-0.08	-0.03		ppb
Cadmium	106-1	0.98	-1.63	-1.39	-0.68		ppb
Cadmium	108-1	-0.27	-0.12	-0.18	-0.19		ppb
Calcium	43-1	22271.45	22574.21	21363.09	22069.58	2.86	ppb
Calcium	44-1	22372.63	23152.54	21777.79	22434.32	3.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.44	1.35	1.29	1.36	5.57	ppb
Cobalt	59-2	0.98	0.88	0.90	0.92	5.79	ppb
Copper	63-2	0.81	0.90	0.79	0.83	7.11	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
Gold	197-1	-132.77	234.14	-132.77	-10.47		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				114		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				113		%
Iron	56-2	5211.41	5132.12	5083.91	5142.48	1.25	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-03	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:38:20	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	4878.63	4937.58	4797.89	4871.37	1.44	ppb
Iron	54-2	4824.26	4851.69	4809.67	4828.54	0.44	ppb
Krypton	83-1						cps
Lead	206-1	0.65	0.61	0.62	0.63	3.33	ppb
Lead	207-1	0.58	0.56	0.57	0.57	2.03	ppb
Lead	208-1	0.61	0.60	0.58	0.60	2.47	ppb
Lithium	6-1				102		%
Magnesium	24-2	6467.00	6149.30	6190.18	6268.83	2.76	ppb
Manganese	55-2	287.45	289.75	286.76	287.99	0.54	ppb
Molybdenum	94-1	0.31	0.27	0.29	0.29	6.51	ppb
Molybdenum	95-1	0.33	0.30	0.31	0.32	4.62	ppb
Molybdenum	96-1	0.50	0.38	0.35	0.41	19.25	ppb
Molybdenum	97-1	0.26	0.22	0.29	0.26	13.25	ppb
Molybdenum	98-1	0.26	0.30	0.27	0.28	8.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.42	1.45	1.44	1.44	1.18	ppb
Phosphorus	31-2	52.11	25.56	77.87	51.85	50.45	ppb
Potassium	39-2	4882.81	4781.10	4730.83	4798.24	1.61	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	-0.50	-0.27	-0.06	-0.28		ppb
Selenium	82-1	0.15	-0.11	0.67	0.24	166.22	ppb
Silicon	28-1	3798.78	3971.45	3747.83	3839.35	3.05	ppb
Silver	107-1	0.00	0.01	0.01	0.01	27.72	ppb
Silver	109-1	0.00	0.00	0.00	0.00	22.66	ppb
Sodium	23-2	5702.53	5629.70	5436.26	5589.50	2.46	ppb
Strontium	86-1	285.62	278.56	273.23	279.14	2.23	ppb
Strontium	88-1	288.60	287.62	281.61	285.94	1.32	ppb
Sulfur	34-1	262.02	521.33	10.98	264.78	96.38	ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	-0.01	-0.04	-0.01	-0.02		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-03	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:38:20	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	-0.08	-0.10	-0.06	-0.08		ppb
Titanium	47-1	9.19	9.06	9.40	9.22	1.89	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	19.54	ppb
Vanadium	51-2	0.45	0.47	0.51	0.48	6.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				116		%
Zinc	66-2	2.42	2.71	2.62	2.58	5.69	ppb
Zirconium	90-1	0.04	0.05	0.05	0.05	3.88	ppb
Zirconium	91-1	0.05	0.04	0.08	0.05	37.93	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:41:25	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49053.30	49531.25	49711.78	49432.11	0.69	ppb
Antimony	121-1	510.82	467.80	476.01	484.88	4.71	ppb
Arsenic	75-2	440.95	432.33	441.06	438.11	1.14	ppb
Barium	135-1	2603.33	2431.49	2450.00	2494.94	3.78	ppb
Barium	137-1	2686.14	2554.02	2468.67	2569.61	4.26	ppb
Beryllium	9-1	499.23	500.30	493.52	497.68	0.73	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	491.60	511.26	529.97	510.94	3.76	ppb
Boron	11-1	485.98	517.89	515.35	506.40	3.50	ppb
Bromine	81-1						cps
Cadmium	111-1	487.97	453.97	449.03	463.66	4.57	ppb
Cadmium	106-1	514.28	473.45	486.46	491.40	4.24	ppb
Cadmium	108-1	505.01	459.10	469.48	477.86	5.04	ppb
Calcium	43-1	262136.43	259449.23	256294.80	259293.48	1.13	ppb
Calcium	44-1	262962.01	254549.08	251095.45	256202.18	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	462.87	462.36	448.22	457.82	1.82	ppb
Cobalt	59-2	483.51	481.28	472.03	478.94	1.27	ppb
Copper	63-2	5117.49	4985.42	4824.67	4975.86	2.95	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
Gold	197-1	1143.98	685.51	-132.77	565.57	114.36	ppb
Gold	197-2	664.30	729.70	572.58	655.53	12.04	ppb
Holmium	165-1				112		%
Holmium	165-2				113		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	128868.58	128417.91	128211.60	128499.36	0.26	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:41:25	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	125748.00	129708.47	124789.33	126748.60	2.06	ppb
Iron	54-2	124674.47	124064.77	121949.33	123562.86	1.16	ppb
Krypton	83-1						cps
Lead	206-1	2638.78	2564.66	2624.03	2609.15	1.50	ppb
Lead	207-1	2684.11	2658.90	2613.55	2652.19	1.35	ppb
Lead	208-1	2711.04	2623.40	2601.61	2645.35	2.19	ppb
Lithium	6-1				99		%
Magnesium	24-2	232367.73	230639.93	236211.48	233073.05	1.22	ppb
Manganese	55-2	4920.64	4766.18	4665.98	4784.26	2.68	ppb
Molybdenum	94-1	4926.13	4775.66	4896.97	4866.25	1.64	ppb
Molybdenum	95-1	4926.08	4905.61	5020.10	4950.60	1.23	ppb
Molybdenum	96-1	5075.82	4918.90	5070.30	5021.67	1.77	ppb
Molybdenum	97-1	5065.40	5029.39	5011.29	5035.36	0.55	ppb
Molybdenum	98-1	4964.98	5014.24	4922.80	4967.34	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.47	478.45	472.68	475.20	0.62	ppb
Phosphorus	31-2	9534.80	9277.83	9296.26	9369.63	1.53	ppb
Potassium	39-2	126769.44	124359.59	123982.27	125037.10	1.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	77-2	464.07	415.51	445.56	441.71	5.55	ppb
Selenium	78-2	456.36	434.70	450.88	447.31	2.52	ppb
Selenium	82-1	483.35	474.23	468.98	475.52	1.53	ppb
Silicon	28-1	581.66	563.60	556.71	567.32	2.27	ppb
Silver	107-1	502.81	454.79	467.26	474.95	5.25	ppb
Silver	109-1	524.54	488.61	484.92	499.35	4.38	ppb
Sodium	23-2	250953.78	250135.84	247293.34	249460.99	0.77	ppb
Strontium	86-1	12282.76	12500.31	12250.00	12344.36	1.10	ppb
Strontium	88-1	12259.42	12501.69	12520.83	12427.31	1.17	ppb
Sulfur	34-1	10987.64	10380.57	10633.17	10667.13	2.86	ppb
Terbium	159-1				109		%
Terbium	159-2				114		%
Thallium	203-1	560.21	534.74	503.14	532.70	5.37	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:41:25	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	537.25	517.96	513.54	522.92	2.41	ppb
Tin	118-1	524.41	497.69	477.20	499.77	4.74	ppb
Titanium	47-1	4942.30	5090.06	5083.46	5038.60	1.66	ppb
Uranium	238-1	540.86	546.63	538.03	541.84	0.81	ppb
Vanadium	51-2	470.32	468.28	459.60	466.07	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	4721.69	4376.28	4372.55	4490.18	4.47	ppb
Zirconium	90-1	491.77	499.15	488.32	493.08	1.12	ppb
Zirconium	91-1	508.38	513.33	521.85	514.52	1.32	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:46:46	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.26	0.08	0.06	324.83	ppb
Antimony	121-1	0.07	0.09	0.15	0.10	38.10	ppb
Arsenic	75-2	0.00	-0.02	0.03	0.01	394.02	ppb
Barium	135-1	0.01	0.01	0.03	0.02	71.50	ppb
Barium	137-1	0.04	0.01	0.02	0.02	58.28	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	15.74	ppb
Bismuth	209-1				108		%
Bismuth	209-2				113		%
Boron	10-1	14.52	14.44	12.75	13.91	7.17	ppb
Boron	11-1	15.65	15.28	13.31	14.75	8.55	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.03	-0.15	-0.09		ppb
Cadmium	106-1	-1.51	-0.62	-2.19	-1.44		ppb
Cadmium	108-1	-0.24	-0.14	-0.09	-0.16		ppb
Calcium	43-1	-0.09	0.35	-0.82	-0.19		ppb
Calcium	44-1	-2.61	-1.83	-4.82	-3.08		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	-0.02	0.01	375.08	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	5105.49	ppb
Copper	63-2	0.03	0.07	0.07	0.06	47.24	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
Gold	197-1	60.00	-132.77	-132.77	-68.51		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				111		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	-0.16	1.51	0.14	0.50	179.09	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:46:46	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	-2.77	0.57	-0.31	-0.84		ppb
Iron	54-2	-1.02	0.12	0.03	-0.29		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.00	0.01	110.85	ppb
Lead	207-1	0.04	0.03	0.01	0.03	54.41	ppb
Lead	208-1	0.02	0.01	-0.01	0.01	161.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.02	1.87	0.00	0.63	170.40	ppb
Manganese	55-2	0.15	0.18	0.21	0.18	16.52	ppb
Molybdenum	94-1	0.25	0.26	0.29	0.27	9.49	ppb
Molybdenum	95-1	0.36	0.36	0.29	0.34	12.45	ppb
Molybdenum	96-1	0.38	0.30	0.36	0.35	10.79	ppb
Molybdenum	97-1	0.41	0.39	0.28	0.36	18.95	ppb
Molybdenum	98-1	0.45	0.38	0.29	0.37	21.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-81.03	-81.91	-79.96	-80.97		ppb
Potassium	39-2	-24.65	-13.25	-17.92	-18.61		ppb
Rhodium	103-1				109		%
Rhodium	103-2				114		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	77-2	-0.51	0.14	-0.51	-0.29		ppb
Selenium	78-2	0.36	0.98	-0.08	0.42	125.87	ppb
Selenium	82-1	-0.14	-0.20	0.09	-0.08		ppb
Silicon	28-1	-3.71	-3.16	-5.68	-4.18		ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.15	ppb
Silver	109-1	0.01	0.02	0.02	0.02	31.59	ppb
Sodium	23-2	30.48	38.94	36.18	35.20	12.26	ppb
Strontium	86-1	0.09	0.07	-0.04	0.04	174.08	ppb
Strontium	88-1	0.06	0.06	0.05	0.06	9.48	ppb
Sulfur	34-1	-2023.70	-1470.73	-2314.51	-1936.31		ppb
Terbium	159-1				108		%
Terbium	159-2				116		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.66	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:46:46	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.04	0.05	0.04	0.04	12.14	ppb
Tin	118-1	-0.01	-0.04	-0.03	-0.03		ppb
Titanium	47-1	-0.03	-0.05	-0.05	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.95	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	167.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				116		%
Zinc	66-2	-0.02	0.04	-0.27	-0.08		ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	282.80	ppb
Zirconium	91-1	-0.01	0.00	0.03	0.01	347.42	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-04	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:49:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.72	3.55	4.63	4.63	23.48	ppb
Antimony	121-1	0.02	0.05	0.09	0.05	59.63	ppb
Arsenic	75-2	5.08	4.51	4.23	4.61	9.37	ppb
Barium	135-1	233.33	238.29	252.35	241.32	4.09	ppb
Barium	137-1	233.27	249.30	264.28	248.95	6.23	ppb
Beryllium	9-1	0.06	0.06	0.08	0.07	16.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	21.70	22.63	24.66	23.00	6.58	ppb
Boron	11-1	23.80	23.83	26.63	24.75	6.58	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.21	-0.16	-0.04	-0.14		ppb
Cadmium	106-1	-2.94	-2.40	-0.94	-2.09		ppb
Cadmium	108-1	-0.18	-0.11	-0.20	-0.16		ppb
Calcium	43-1	21288.84	22130.52	24217.48	22545.61	6.69	ppb
Calcium	44-1	21652.87	22913.90	23996.25	22854.34	5.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.87	0.79	0.74	0.80	8.04	ppb
Cobalt	59-2	0.78	0.74	0.63	0.72	10.97	ppb
Copper	63-2	0.52	0.36	0.29	0.39	29.11	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
Gold	197-1	47.26	-132.77	-132.77	-72.76		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	56-2	4892.60	4399.54	4359.87	4550.67	6.52	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-04	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:49:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	4729.58	4318.00	4224.02	4423.87	6.08	ppb
Iron	54-2	4580.95	4342.44	4160.16	4361.18	4.84	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.31	0.34	0.31	12.15	ppb
Lead	207-1	0.23	0.24	0.34	0.27	21.70	ppb
Lead	208-1	0.25	0.26	0.34	0.28	16.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	6974.48	6306.27	6450.09	6576.95	5.35	ppb
Manganese	55-2	310.21	293.78	281.60	295.20	4.86	ppb
Molybdenum	94-1	0.35	0.37	0.52	0.41	22.60	ppb
Molybdenum	95-1	0.44	0.45	0.61	0.50	18.89	ppb
Molybdenum	96-1	0.50	0.54	0.63	0.56	11.79	ppb
Molybdenum	97-1	0.47	0.52	0.59	0.53	10.95	ppb
Molybdenum	98-1	0.40	0.48	0.56	0.48	16.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.82	0.76	0.85	12.82	ppb
Phosphorus	31-2	75.16	15.47	67.08	52.57	61.60	ppb
Potassium	39-2	5328.49	5015.45	4790.07	5044.67	5.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	-0.51	0.83	-0.51	-0.07		ppb
Selenium	78-2	0.42	0.23	0.19	0.28	42.99	ppb
Selenium	82-1	0.24	0.52	0.39	0.38	36.55	ppb
Silicon	28-1	3767.91	3997.15	4252.40	4005.82	6.05	ppb
Silver	107-1	0.01	0.00	0.01	0.01	85.58	ppb
Silver	109-1	0.01	0.02	0.00	0.01	57.85	ppb
Sodium	23-2	6314.49	5841.28	5641.97	5932.58	5.82	ppb
Strontium	86-1	270.05	276.84	287.68	278.19	3.20	ppb
Strontium	88-1	274.34	282.88	294.26	283.83	3.52	ppb
Sulfur	34-1	438.25	642.31	1054.36	711.64	44.10	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	-0.02	0.01	0.02	0.00	529.27	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-04	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:49:57	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.01	0.01	0.00	0.01	58.24	ppb
Tin	118-1	-0.15	-0.15	-0.05	-0.12		ppb
Titanium	47-1	1.41	1.90	1.65	1.65	14.75	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	43.58	ppb
Vanadium	51-2	0.05	0.03	0.05	0.04	34.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				113		%
Zinc	66-2	3.67	2.91	3.29	3.29	11.50	ppb
Zirconium	90-1	0.01	0.02	0.04	0.02	73.67	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	103.21	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-06	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:53:02	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	664.11	658.77	650.75	657.87	1.02	ppb
Antimony	121-1	0.10	0.12	0.12	0.11	8.83	ppb
Arsenic	75-2	3.02	2.81	2.65	2.82	6.54	ppb
Barium	135-1	48.83	46.76	46.05	47.21	3.05	ppb
Barium	137-1	50.18	48.52	46.99	48.56	3.28	ppb
Beryllium	9-1	0.26	0.27	0.25	0.26	3.42	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	109.76	113.68	111.27	111.57	1.77	ppb
Boron	11-1	120.31	122.92	124.06	122.43	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.05	-0.04	0.02	290.16	ppb
Cadmium	106-1	0.57	0.72	-0.26	0.34	154.50	ppb
Cadmium	108-1	0.07	0.45	0.52	0.35	68.77	ppb
Calcium	43-1	17631.35	17423.83	17288.44	17447.88	0.99	ppb
Calcium	44-1	17656.39	18106.10	18052.26	17938.25	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.72	11.66	11.83	11.74	0.75	ppb
Cobalt	59-2	0.69	0.65	0.70	0.68	4.06	ppb
Copper	63-2	0.71	0.65	0.72	0.69	6.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	228.91	251.99	-132.77	116.04	185.96	ppb
Gold	197-2	98.98	47.85	0.00	48.94	101.13	ppb
Holmium	165-1				113		%
Holmium	165-2				114		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	3640.58	3644.67	3602.41	3629.22	0.64	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-06	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:53:02	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	3542.41	3480.63	3479.03	3500.69	1.03	ppb
Iron	54-2	3508.20	3397.01	3436.47	3447.23	1.64	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.43	0.48	0.45	5.69	ppb
Lead	207-1	0.45	0.40	0.42	0.42	6.53	ppb
Lead	208-1	0.42	0.42	0.43	0.42	1.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	3265.00	3163.47	3149.72	3192.73	1.97	ppb
Manganese	55-2	73.28	71.84	73.62	72.91	1.30	ppb
Molybdenum	94-1	7.88	8.26	8.19	8.11	2.47	ppb
Molybdenum	95-1	0.29	0.31	0.35	0.32	10.27	ppb
Molybdenum	96-1	1.26	1.15	1.19	1.20	4.76	ppb
Molybdenum	97-1	0.32	0.28	0.22	0.27	18.08	ppb
Molybdenum	98-1	0.33	0.31	0.31	0.32	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.04	2.05	2.11	5.03	ppb
Phosphorus	31-2	83.29	54.02	47.78	61.70	30.73	ppb
Potassium	39-2	690.70	679.00	679.64	683.11	0.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	77-2	2.77	0.85	-0.51	1.03	159.35	ppb
Selenium	78-2	0.30	1.59	0.73	0.88	75.26	ppb
Selenium	82-1	1.00	1.14	1.04	1.06	6.82	ppb
Silicon	28-1	981.40	951.72	951.82	961.64	1.78	ppb
Silver	107-1	0.01	0.02	0.02	0.02	54.41	ppb
Silver	109-1	0.01	0.00	0.01	0.01	69.90	ppb
Sodium	23-2	131162.98	127420.05	126371.16	128318.06	1.96	ppb
Strontium	86-1	79.77	78.04	81.25	79.68	2.01	ppb
Strontium	88-1	86.25	84.64	85.23	85.37	0.96	ppb
Sulfur	34-1	-366.24	-405.81	-405.79	-392.61		ppb
Terbium	159-1				110		%
Terbium	159-2				113		%
Thallium	203-1	-0.01	-0.02	-0.04	-0.02		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-06	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:53:02	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.12	-0.14	-0.15	-0.14		ppb
Titanium	47-1	21.72	21.45	21.54	21.57	0.64	ppb
Uranium	238-1	0.40	0.42	0.38	0.40	3.85	ppb
Vanadium	51-2	18.43	18.28	18.17	18.29	0.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				116		%
Zinc	66-2	4.79	4.19	4.65	4.54	6.90	ppb
Zirconium	90-1	4.35	4.24	4.39	4.33	1.84	ppb
Zirconium	91-1	4.58	4.09	4.32	4.33	5.65	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-07	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:56:09	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	525.76	525.47	510.51	520.58	1.68	ppb
Antimony	121-1	0.18	0.14	0.15	0.16	14.30	ppb
Arsenic	75-2	2.84	2.65	2.89	2.79	4.50	ppb
Barium	135-1	47.77	45.80	48.41	47.33	2.88	ppb
Barium	137-1	48.17	46.90	49.87	48.31	3.08	ppb
Beryllium	9-1	0.24	0.24	0.24	0.24	0.37	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	10-1	106.22	112.82	114.81	111.28	4.04	ppb
Boron	11-1	117.82	124.93	125.15	122.63	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.12	0.06	-0.04		ppb
Cadmium	106-1	-0.80	-1.49	0.81	-0.49		ppb
Cadmium	108-1	0.44	0.25	0.26	0.31	34.59	ppb
Calcium	43-1	17096.87	17027.36	16849.92	16991.38	0.75	ppb
Calcium	44-1	17542.50	17297.58	17034.73	17291.60	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.48	11.08	10.85	11.14	2.87	ppb
Cobalt	59-2	0.72	0.69	0.70	0.71	2.01	ppb
Copper	63-2	1.30	1.22	1.27	1.26	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
Gold	197-1	60.45	57.39	-132.77	-4.98		ppb
Gold	197-2	90.32	0.00	0.00	30.11	173.21	ppb
Holmium	165-1				110		%
Holmium	165-2				115		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	4288.46	4203.12	4129.94	4207.17	1.89	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-07	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:56:09	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	4082.57	3964.36	3853.18	3966.70	2.89	ppb
Iron	54-2	3972.55	3880.89	3924.84	3926.09	1.17	ppb
Krypton	83-1						cps
Lead	206-1	1.54	1.44	1.52	1.50	3.41	ppb
Lead	207-1	1.47	1.32	1.44	1.41	5.45	ppb
Lead	208-1	1.49	1.43	1.45	1.46	2.02	ppb
Lithium	6-1				103		%
Magnesium	24-2	3204.12	3171.28	3134.49	3169.96	1.10	ppb
Manganese	55-2	79.59	79.29	78.30	79.06	0.85	ppb
Molybdenum	94-1	7.36	7.68	7.50	7.51	2.16	ppb
Molybdenum	95-1	0.38	0.27	0.30	0.32	18.18	ppb
Molybdenum	96-1	1.30	1.12	1.05	1.16	11.12	ppb
Molybdenum	97-1	0.34	0.34	0.27	0.32	11.88	ppb
Molybdenum	98-1	0.27	0.28	0.32	0.29	8.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.47	2.37	2.73	2.52	7.33	ppb
Phosphorus	31-2	36.33	29.72	-3.07	21.00	100.49	ppb
Potassium	39-2	716.69	697.72	691.88	702.10	1.85	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	1.48	0.14	2.08	1.23	80.64	ppb
Selenium	78-2	1.20	1.41	1.02	1.21	16.31	ppb
Selenium	82-1	1.25	1.27	1.16	1.23	4.77	ppb
Silicon	28-1	932.73	924.92	910.38	922.68	1.23	ppb
Silver	107-1	0.01	0.01	0.02	0.01	34.17	ppb
Silver	109-1	0.00	0.00	0.01	0.01	55.55	ppb
Sodium	23-2	127146.65	129117.16	125219.19	127161.00	1.53	ppb
Strontium	86-1	78.36	79.38	77.84	78.52	1.00	ppb
Strontium	88-1	83.41	81.83	81.06	82.10	1.46	ppb
Sulfur	34-1	-282.41	-387.33	-513.36	-394.37		ppb
Terbium	159-1				109		%
Terbium	159-2				115		%
Thallium	203-1	-0.03	0.00	-0.02	-0.02		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-07	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:56:09	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.02	-0.03	-0.01	-0.02		ppb
Tin	118-1	0.03	-0.03	0.09	0.03	198.33	ppb
Titanium	47-1	14.28	13.77	13.71	13.92	2.26	ppb
Uranium	238-1	0.37	0.37	0.37	0.37	0.52	ppb
Vanadium	51-2	16.67	16.51	16.30	16.49	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				117		%
Zinc	66-2	4.21	4.23	3.83	4.09	5.48	ppb
Zirconium	90-1	4.09	3.89	3.99	3.99	2.49	ppb
Zirconium	91-1	3.95	4.01	4.13	4.03	2.29	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-08	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:59:13	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	195.10	189.93	186.10	190.38	2.37	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	11.17	ppb
Arsenic	75-2	1.43	1.47	1.48	1.46	1.90	ppb
Barium	135-1	110.11	113.30	110.45	111.29	1.57	ppb
Barium	137-1	113.68	116.35	111.11	113.71	2.31	ppb
Beryllium	9-1	0.17	0.17	0.19	0.18	6.11	ppb
Bismuth	209-1				115		%
Bismuth	209-2				114		%
Boron	10-1	24.81	25.24	25.25	25.10	1.00	ppb
Boron	11-1	26.41	26.82	27.13	26.79	1.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.21	-0.07	-0.13		ppb
Cadmium	106-1	-1.58	-3.04	-1.15	-1.92		ppb
Cadmium	108-1	-0.24	-0.18	-0.12	-0.18		ppb
Calcium	43-1	9989.77	9978.45	9958.48	9975.57	0.16	ppb
Calcium	44-1	9942.66	10190.69	10071.07	10068.14	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.98	1.07	0.99	1.01	4.53	ppb
Cobalt	59-2	0.51	0.51	0.42	0.48	9.88	ppb
Copper	63-2	0.17	0.18	0.21	0.18	10.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	41.90	-132.77	-74.55		ppb
Gold	197-2	44.65	0.00	0.00	14.88	173.21	ppb
Holmium	165-1				112		%
Holmium	165-2				118		%
Indium	115-1				113		%
Indium	115-2				114		%
Iron	56-2	7464.49	7250.01	7128.27	7280.92	2.34	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-08	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:59:13	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	7067.72	7039.82	6916.46	7008.00	1.15	ppb
Iron	54-2	6909.43	6868.20	6851.30	6876.31	0.43	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.21	0.21	0.21	5.64	ppb
Lead	207-1	0.19	0.20	0.20	0.20	2.92	ppb
Lead	208-1	0.20	0.21	0.21	0.20	3.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	2838.06	2819.40	2743.04	2800.17	1.80	ppb
Manganese	55-2	145.05	143.65	139.23	142.64	2.13	ppb
Molybdenum	94-1	0.28	0.29	0.36	0.31	12.87	ppb
Molybdenum	95-1	0.35	0.27	0.31	0.31	13.29	ppb
Molybdenum	96-1	0.46	0.45	0.42	0.44	5.10	ppb
Molybdenum	97-1	0.37	0.30	0.27	0.31	17.06	ppb
Molybdenum	98-1	0.35	0.33	0.32	0.33	5.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.97	2.17	2.08	2.07	4.97	ppb
Phosphorus	31-2	92.62	175.80	106.45	124.96	35.67	ppb
Potassium	39-2	3449.73	3388.78	3424.47	3421.00	0.90	ppb
Rhodium	103-1				111		%
Rhodium	103-2				116		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.42	1.31	0.31	0.68	80.45	ppb
Selenium	82-1	-0.30	0.34	0.66	0.23	209.55	ppb
Silicon	28-1	2299.96	2339.22	2247.79	2295.66	2.00	ppb
Silver	107-1	0.00	0.00	0.00	0.00	671.16	ppb
Silver	109-1	0.00	0.01	0.01	0.01	27.70	ppb
Sodium	23-2	3626.45	3679.36	3473.58	3593.13	2.97	ppb
Strontium	86-1	120.90	115.68	117.49	118.02	2.25	ppb
Strontium	88-1	123.69	124.50	120.77	122.99	1.60	ppb
Sulfur	34-1	109.60	-113.43	7.23	1.13	9870.64	ppb
Terbium	159-1				110		%
Terbium	159-2				117		%
Thallium	203-1	-0.02	-0.03	-0.01	-0.02		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-08	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:59:13	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.02	0.00	0.00	-0.01		ppb
Tin	118-1	-0.01	-0.08	-0.05	-0.05		ppb
Titanium	47-1	3.17	4.65	3.94	3.92	18.87	ppb
Uranium	238-1	0.03	0.02	0.02	0.03	18.16	ppb
Vanadium	51-2	2.61	2.71	2.65	2.66	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				119		%
Zinc	66-2	7.98	7.55	7.65	7.73	2.88	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	22.11	ppb
Zirconium	91-1	0.03	0.05	0.06	0.04	32.97	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-09	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:02:20	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.01	30.59	30.43	30.68	0.99	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	11.59	ppb
Arsenic	75-2	1.51	1.49	1.44	1.48	2.25	ppb
Barium	135-1	108.57	99.58	96.29	101.48	6.27	ppb
Barium	137-1	112.55	99.24	99.02	103.60	7.48	ppb
Beryllium	9-1	0.07	0.06	0.05	0.06	13.09	ppb
Bismuth	209-1				113		%
Bismuth	209-2				115		%
Boron	10-1	22.77	19.96	19.91	20.88	7.82	ppb
Boron	11-1	23.86	21.94	20.73	22.17	7.13	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.32	-0.17	-0.18		ppb
Cadmium	106-1	-0.74	-4.46	-2.48	-2.56		ppb
Cadmium	108-1	-0.30	-0.15	-0.21	-0.22		ppb
Calcium	43-1	10485.68	9718.13	9770.97	9991.59	4.29	ppb
Calcium	44-1	10817.63	9769.31	9407.59	9998.18	7.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.64	1.70	1.71	1.68	2.39	ppb
Cobalt	59-2	0.38	0.38	0.37	0.38	1.45	ppb
Copper	63-2	0.40	0.42	0.36	0.39	8.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	62.40	-132.77	-132.77	-67.71		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				112		%
Holmium	165-2				118		%
Indium	115-1				111		%
Indium	115-2				115		%
Iron	56-2	6056.22	6138.68	5975.93	6056.95	1.34	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-09	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:02:20	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	5858.00	5714.01	5674.36	5748.79	1.68	ppb
Iron	54-2	5842.10	5715.18	5455.07	5670.79	3.48	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.12	0.09	0.12	22.10	ppb
Lead	207-1	0.15	0.11	0.10	0.12	21.44	ppb
Lead	208-1	0.15	0.12	0.11	0.13	17.72	ppb
Lithium	6-1				103		%
Magnesium	24-2	2667.34	2712.04	2531.31	2636.90	3.57	ppb
Manganese	55-2	128.95	129.55	126.33	128.28	1.33	ppb
Molybdenum	94-1	0.33	0.28	0.28	0.30	8.99	ppb
Molybdenum	95-1	0.43	0.33	0.28	0.35	21.34	ppb
Molybdenum	96-1	0.50	0.46	0.39	0.45	12.78	ppb
Molybdenum	97-1	0.37	0.37	0.29	0.34	12.99	ppb
Molybdenum	98-1	0.33	0.36	0.31	0.33	6.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	1.60	1.75	1.75	8.36	ppb
Phosphorus	31-2	91.12	115.63	87.86	98.20	15.46	ppb
Potassium	39-2	3264.95	3189.51	3187.51	3213.99	1.37	ppb
Rhodium	103-1				108		%
Rhodium	103-2				114		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	1.01	-0.23	-0.05	0.24	280.12	ppb
Selenium	82-1	0.14	0.23	0.11	0.16	38.62	ppb
Silicon	28-1	2371.34	2166.63	2185.73	2241.23	5.05	ppb
Silver	107-1	0.00	0.01	0.00	0.00	111.03	ppb
Silver	109-1	0.00	0.01	0.00	0.00	166.01	ppb
Sodium	23-2	3579.99	3471.69	3315.75	3455.81	3.84	ppb
Strontium	86-1	119.77	113.46	110.57	114.60	4.11	ppb
Strontium	88-1	125.06	119.01	116.06	120.04	3.82	ppb
Sulfur	34-1	476.08	-128.33	-85.25	87.50	385.38	ppb
Terbium	159-1				109		%
Terbium	159-2				116		%
Thallium	203-1	-0.04	-0.04	-0.02	-0.03		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-09	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:02:20	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.02	-0.03	-0.03	-0.02		ppb
Tin	118-1	-0.02	0.00	-0.05	-0.02		ppb
Titanium	47-1	1.07	0.81	0.98	0.95	13.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	13.30	ppb
Vanadium	51-2	0.19	0.16	0.14	0.16	12.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				119		%
Zinc	66-2	16.02	15.34	14.26	15.21	5.83	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	28.21	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	15.46	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-10	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:05:25	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	155.35	149.12	155.77	153.41	2.43	ppb
Antimony	121-1	0.07	0.06	0.04	0.06	22.72	ppb
Arsenic	75-2	3.16	2.97	3.00	3.04	3.41	ppb
Barium	135-1	40.47	39.49	39.15	39.70	1.72	ppb
Barium	137-1	40.88	40.60	39.80	40.43	1.39	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	0.89	ppb
Bismuth	209-1				112		%
Bismuth	209-2				113		%
Boron	10-1	48.14	49.47	51.06	49.56	2.95	ppb
Boron	11-1	51.77	53.56	54.09	53.14	2.29	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.02	-0.07	-0.04		ppb
Cadmium	106-1	-0.69	-0.62	-1.07	-0.79		ppb
Cadmium	108-1	-0.12	-0.21	-0.13	-0.15		ppb
Calcium	43-1	30390.35	30405.66	29782.31	30192.77	1.18	ppb
Calcium	44-1	31622.26	31396.46	30397.56	31138.76	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.52	2.55	2.48	2.52	1.42	ppb
Cobalt	59-2	0.37	0.35	0.32	0.34	7.64	ppb
Copper	63-2	0.96	1.01	1.10	1.03	6.79	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
Gold	197-1	45.72	49.64	48.05	47.80	4.13	ppb
Gold	197-2	0.00	88.97	44.59	44.52	99.92	ppb
Holmium	165-1				113		%
Holmium	165-2				118		%
Indium	115-1				116		%
Indium	115-2				114		%
Iron	56-2	10134.02	9861.92	10114.34	10036.76	1.51	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-10	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:05:25	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	9671.00	9528.02	9653.95	9617.66	0.81	ppb
Iron	54-2	9535.11	9501.53	9495.43	9510.69	0.22	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.38	0.34	0.39	12.47	ppb
Lead	207-1	0.36	0.34	0.34	0.34	3.11	ppb
Lead	208-1	0.36	0.35	0.33	0.35	3.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	6363.90	6212.00	6173.93	6249.95	1.61	ppb
Manganese	55-2	226.03	222.19	221.62	223.28	1.07	ppb
Molybdenum	94-1	1.85	1.92	1.86	1.87	1.98	ppb
Molybdenum	95-1	0.29	0.29	0.35	0.31	10.04	ppb
Molybdenum	96-1	0.62	0.61	0.66	0.63	3.96	ppb
Molybdenum	97-1	0.25	0.32	0.33	0.30	13.42	ppb
Molybdenum	98-1	0.29	0.30	0.32	0.30	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.13	1.03	1.05	6.38	ppb
Phosphorus	31-2	51.15	8.51	-2.92	18.91	150.66	ppb
Potassium	39-2	4313.85	4174.89	4242.08	4243.61	1.64	ppb
Rhodium	103-1				111		%
Rhodium	103-2				116		%
Scandium	45-1				118		%
Scandium	45-2				113		%
Selenium	77-2	-0.51	-0.51	-0.51	-0.51		ppb
Selenium	78-2	0.87	0.21	0.22	0.43	86.87	ppb
Selenium	82-1	0.66	1.28	0.69	0.88	40.19	ppb
Silicon	28-1	598.01	616.55	607.58	607.38	1.53	ppb
Silver	107-1	0.01	0.01	0.00	0.00	84.26	ppb
Silver	109-1	0.00	0.00	0.00	0.00	5.49	ppb
Sodium	23-2	46883.19	46167.97	47335.92	46795.69	1.26	ppb
Strontium	86-1	185.42	187.50	187.99	186.97	0.73	ppb
Strontium	88-1	188.45	193.88	192.62	191.65	1.48	ppb
Sulfur	34-1	1395.56	1449.72	1503.86	1449.71	3.73	ppb
Terbium	159-1				114		%
Terbium	159-2				117		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.04		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-10	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:05:25	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	-0.12	-0.09	-0.14	-0.12		ppb
Titanium	47-1	2.37	3.25	3.38	3.00	18.44	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	2.27	ppb
Vanadium	51-2	3.60	3.66	3.63	3.63	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				120		%
Zinc	66-2	6.73	6.76	6.97	6.82	1.96	ppb
Zirconium	90-1	0.88	0.97	0.84	0.90	7.32	ppb
Zirconium	91-1	0.99	0.92	0.93	0.95	3.87	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-11	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:08:31	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	109.56	109.64	106.69	108.63	1.55	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	10.70	ppb
Arsenic	75-2	3.42	3.59	3.50	3.50	2.42	ppb
Barium	135-1	46.59	46.01	41.67	44.76	6.02	ppb
Barium	137-1	48.52	47.12	42.73	46.12	6.55	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	1.39	ppb
Bismuth	209-1				109		%
Bismuth	209-2				111		%
Boron	10-1	55.11	57.61	57.19	56.64	2.36	ppb
Boron	11-1	56.59	61.33	62.58	60.17	5.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.13	-0.13	-0.10		ppb
Cadmium	106-1	-0.85	-1.73	-1.82	-1.47		ppb
Cadmium	108-1	-0.11	-0.05	-0.12	-0.09		ppb
Calcium	43-1	35752.62	34970.29	33605.29	34776.07	3.13	ppb
Calcium	44-1	37514.33	35512.41	33361.35	35462.69	5.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.30	2.34	2.33	1.25	ppb
Cobalt	59-2	0.33	0.32	0.30	0.32	4.67	ppb
Copper	63-2	0.41	0.35	0.38	0.38	7.96	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
Gold	197-1	456.90	-132.77	46.62	123.58	244.60	ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				113		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				113		%
Iron	56-2	11176.01	11184.08	11171.01	11177.03	0.06	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-11	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:08:31	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	10822.98	10557.70	10807.16	10729.28	1.39	ppb
Iron	54-2	10726.72	10471.84	10458.33	10552.30	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.35	0.31	0.26	0.30	13.97	ppb
Lead	207-1	0.28	0.33	0.28	0.30	9.91	ppb
Lead	208-1	0.32	0.31	0.27	0.30	8.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	6920.34	6827.18	7028.00	6925.17	1.45	ppb
Manganese	55-2	245.33	246.59	245.73	245.89	0.26	ppb
Molybdenum	94-1	2.15	2.20	2.07	2.14	3.19	ppb
Molybdenum	95-1	0.36	0.39	0.39	0.38	4.85	ppb
Molybdenum	96-1	0.84	0.79	0.80	0.81	2.65	ppb
Molybdenum	97-1	0.42	0.45	0.46	0.44	4.27	ppb
Molybdenum	98-1	0.40	0.36	0.37	0.38	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.89	1.03	0.94	7.79	ppb
Phosphorus	31-2	31.24	19.88	46.11	32.41	40.59	ppb
Potassium	39-2	4726.17	4733.80	4710.11	4723.36	0.26	ppb
Rhodium	103-1				110		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	77-2	-0.51	0.14	-0.51	-0.30		ppb
Selenium	78-2	0.21	-0.44	0.20	-0.01		ppb
Selenium	82-1	0.63	1.55	1.10	1.10	42.03	ppb
Silicon	28-1	689.77	694.82	652.90	679.17	3.37	ppb
Silver	107-1	0.00	0.00	0.01	0.00	177.68	ppb
Silver	109-1	0.00	0.01	0.00	0.00	205.84	ppb
Sodium	23-2	52507.40	52104.71	51592.30	52068.14	0.88	ppb
Strontium	86-1	219.67	216.08	210.10	215.28	2.24	ppb
Strontium	88-1	227.48	219.12	217.28	221.29	2.46	ppb
Sulfur	34-1	2705.45	2554.57	2248.08	2502.70	9.31	ppb
Terbium	159-1				110		%
Terbium	159-2				117		%
Thallium	203-1	-0.04	-0.04	-0.03	-0.03		ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-11	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:08:31	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.18	-0.16	-0.22	-0.19		ppb
Titanium	47-1	2.07	2.09	1.92	2.03	4.44	ppb
Uranium	238-1	0.08	0.07	0.08	0.07	10.14	ppb
Vanadium	51-2	3.80	3.72	3.75	3.76	1.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				118		%
Zinc	66-2	1.61	2.23	2.11	1.98	16.53	ppb
Zirconium	90-1	1.09	1.06	0.98	1.04	5.47	ppb
Zirconium	91-1	1.06	1.13	1.12	1.10	3.56	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:11:36	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	167.81	152.09	150.55	156.82	6.09	ppb
Antimony	121-1	0.12	0.11	0.09	0.11	11.84	ppb
Arsenic	75-2	0.58	0.51	0.53	0.54	7.22	ppb
Barium	135-1	1663.22	1624.10	1662.28	1649.87	1.35	ppb
Barium	137-1	1683.16	1614.79	1639.63	1645.86	2.10	ppb
Beryllium	9-1	0.07	0.06	0.05	0.06	15.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	47.54	49.10	52.05	49.56	4.62	ppb
Boron	11-1	53.85	54.52	56.75	55.04	2.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.03	-0.01	0.01	255.91	ppb
Cadmium	106-1	-0.37	-0.17	-0.69	-0.41		ppb
Cadmium	108-1	-0.18	-0.11	-0.08	-0.12		ppb
Calcium	43-1	82034.59	82688.68	81485.56	82069.61	0.73	ppb
Calcium	44-1	80167.73	79708.24	79348.89	79741.62	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.01	0.88	0.98	0.96	7.11	ppb
Cobalt	59-2	20.23	19.22	19.32	19.59	2.84	ppb
Copper	63-2	1.28	1.22	1.29	1.26	3.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	69.72	68.38	1.78	6555.41	ppb
Gold	197-2	0.00	51.92	0.00	17.31	173.21	ppb
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	523427.58	506340.23	518302.69	516023.50	1.70	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:11:36	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	549322.16	526646.01	536837.12	537601.76	2.11	ppb
Iron	54-2	533720.22	495670.64	501670.26	510353.71	4.01	ppb
Krypton	83-1						cps
Lead	206-1	2.30	2.31	2.20	2.27	2.63	ppb
Lead	207-1	2.20	2.21	2.15	2.19	1.42	ppb
Lead	208-1	2.30	2.29	2.19	2.26	2.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	14526.42	13512.20	14022.58	14020.40	3.62	ppb
Manganese	55-2	2494.82	2384.74	2401.42	2426.99	2.44	ppb
Molybdenum	94-1	1.76	1.62	1.89	1.76	7.61	ppb
Molybdenum	95-1	0.82	0.93	0.81	0.85	7.73	ppb
Molybdenum	96-1	10.90	10.64	11.44	10.99	3.70	ppb
Molybdenum	97-1	1.15	1.11	1.18	1.14	2.94	ppb
Molybdenum	98-1	0.76	0.78	0.73	0.76	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.32	8.38	7.96	8.22	2.77	ppb
Phosphorus	31-2	-72.12	-80.91	-75.55	-76.19		ppb
Potassium	39-2	28998.80	29001.94	27971.31	28657.35	2.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	-0.51	-0.51	0.85	-0.06		ppb
Selenium	78-2	0.60	0.40	-0.14	0.29	134.54	ppb
Selenium	82-1	1.19	1.80	1.68	1.56	20.76	ppb
Silicon	28-1	2328.69	2307.36	2276.94	2304.33	1.13	ppb
Silver	107-1	0.02	0.01	0.01	0.01	41.13	ppb
Silver	109-1	0.01	0.02	0.01	0.01	28.19	ppb
Sodium	23-2	565362.46	536553.02	537869.39	546594.96	2.98	ppb
Strontium	86-1	1249.70	1286.69	1323.57	1286.65	2.87	ppb
Strontium	88-1	1274.46	1228.72	1320.72	1274.64	3.61	ppb
Sulfur	34-1	-1069.46	-1186.58	-1181.21	-1145.75		ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.01	0.03	0.01	85.26	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:11:36	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.03	0.03	0.05	0.03	35.31	ppb
Tin	118-1	0.52	0.60	0.58	0.57	7.37	ppb
Titanium	47-1	1.59	1.44	2.91	1.98	40.82	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	6.52	ppb
Vanadium	51-2	0.16	0.19	0.18	0.17	9.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				115		%
Zinc	66-2	11.73	11.57	11.44	11.58	1.29	ppb
Zirconium	90-1	0.09	0.07	0.10	0.09	16.12	ppb
Zirconium	91-1	0.11	0.09	0.13	0.11	17.66	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:14:39	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.48	6.77	6.14	6.46	4.84	ppb
Antimony	121-1	0.10	0.12	0.10	0.10	9.48	ppb
Arsenic	75-2	0.45	0.48	0.43	0.45	5.72	ppb
Barium	135-1	1510.15	1463.10	1456.20	1476.49	1.99	ppb
Barium	137-1	1554.24	1404.17	1488.50	1482.30	5.07	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	2.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	44.15	46.40	47.35	45.97	3.58	ppb
Boron	11-1	48.36	51.99	52.22	50.86	4.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	-0.05	-0.11	-0.01		ppb
Cadmium	106-1	1.12	-0.96	-1.93	-0.59		ppb
Cadmium	108-1	-0.08	-0.15	-0.18	-0.14		ppb
Calcium	43-1	80636.37	74822.05	73141.74	76200.05	5.16	ppb
Calcium	44-1	76450.80	75458.02	73109.25	75006.02	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.24	0.24	0.23	0.24	3.49	ppb
Cobalt	59-2	18.30	18.26	17.89	18.15	1.26	ppb
Copper	63-2	1.64	1.76	1.76	1.72	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
Gold	197-1	-132.77	266.35	-132.77	0.27	85676.07	ppb
Gold	197-2	0.00	51.35	49.40	33.58	86.65	ppb
Holmium	165-1				113		%
Holmium	165-2				114		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	493266.17	484929.16	488047.58	488747.64	0.86	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:14:39	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	471674.34	489551.67	485785.80	482337.27	1.95	ppb
Iron	54-2	491794.17	480441.60	467563.98	479933.25	2.53	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.12	0.18	0.15	18.55	ppb
Lead	207-1	0.12	0.16	0.14	0.14	13.30	ppb
Lead	208-1	0.15	0.14	0.15	0.15	2.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	13384.60	13669.76	13382.68	13479.02	1.23	ppb
Manganese	55-2	2310.84	2265.91	2232.46	2269.74	1.73	ppb
Molybdenum	94-1	1.72	1.59	1.64	1.65	4.17	ppb
Molybdenum	95-1	0.95	0.98	0.91	0.95	3.55	ppb
Molybdenum	96-1	10.60	9.74	9.70	10.01	5.09	ppb
Molybdenum	97-1	1.20	1.21	1.10	1.17	5.05	ppb
Molybdenum	98-1	0.90	0.77	0.78	0.82	8.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.21	7.24	7.24	7.23	0.26	ppb
Phosphorus	31-2	-87.10	-67.52	-74.18	-76.27		ppb
Potassium	39-2	27435.36	27120.54	26229.55	26928.48	2.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	2.09	-0.51	0.18	0.59	230.02	ppb
Selenium	78-2	0.33	-0.04	0.07	0.12	157.61	ppb
Selenium	82-1	1.62	0.78	1.26	1.22	34.88	ppb
Silicon	28-1	2101.07	2131.20	2093.71	2108.66	0.94	ppb
Silver	107-1	0.01	0.01	0.03	0.02	45.51	ppb
Silver	109-1	0.02	0.02	0.02	0.02	15.98	ppb
Sodium	23-2	503930.75	518506.95	507807.99	510081.89	1.48	ppb
Strontium	86-1	1237.91	1192.06	1188.15	1206.04	2.29	ppb
Strontium	88-1	1256.12	1186.71	1175.48	1206.10	3.62	ppb
Sulfur	34-1	-1198.50	-1392.39	-1607.63	-1399.51		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.07	0.11	0.10	0.09	18.31	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:14:39	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.09	0.10	0.09	0.09	6.70	ppb
Tin	118-1	-0.09	-0.09	-0.08	-0.09		ppb
Titanium	47-1	0.83	0.81	1.00	0.88	12.00	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.00	ppb
Vanadium	51-2	0.06	0.06	0.04	0.05	15.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				116		%
Zinc	66-2	9.46	9.55	9.20	9.40	1.92	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	4.25	ppb
Zirconium	91-1	0.04	0.02	0.02	0.03	47.94	ppb

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4436-01MS Instrumnet Name : P8
 Client Sample ID : MW-03-1.5-11.5-082922M Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:17:41 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9766.63	9464.56	9518.48	9583.22	1.68	ppb
Antimony	121-1	463.66	478.21	527.23	489.70	6.80	ppb
Arsenic	75-2	483.79	465.07	469.42	472.76	2.07	ppb
Barium	135-1	2420.93	2548.18	2917.43	2628.84	9.81	ppb
Barium	137-1	2515.32	2540.28	2777.38	2611.00	5.54	ppb
Beryllium	9-1	485.84	483.98	541.44	503.75	6.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	369.82	385.13	431.02	395.32	8.06	ppb
Boron	11-1	364.35	380.01	433.96	392.77	9.30	ppb
Bromine	81-1						cps
Cadmium	111-1	470.67	481.70	534.21	495.52	6.85	ppb
Cadmium	106-1	479.40	508.23	550.75	512.79	7.00	ppb
Cadmium	108-1	461.75	475.34	534.80	490.63	7.92	ppb
Calcium	43-1	94550.42	88363.59	95795.86	92903.29	4.28	ppb
Calcium	44-1	92900.96	91281.69	95120.83	93101.16	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	459.66	454.00	462.52	458.73	0.95	ppb
Cobalt	59-2	504.67	490.64	491.90	495.74	1.57	ppb
Copper	63-2	5289.93	5215.37	5160.39	5221.90	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	48.37	830.03	66.64	315.02	141.62	ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				112		%
Holmium	165-2				118		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	32832.56	32532.06	32313.11	32559.24	0.80	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922M	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:17:41	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	31674.99	30827.73	30746.01	31082.91	1.65	ppb
Iron	54-2	32375.28	32550.04	32758.86	32561.39	0.59	ppb
Krypton	83-1						cps
Lead	206-1	2568.31	2630.19	2794.12	2664.21	4.38	ppb
Lead	207-1	2489.16	2558.20	2751.12	2599.49	5.22	ppb
Lead	208-1	2523.20	2634.01	2764.69	2640.63	4.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	61443.30	61874.00	60359.25	61225.52	1.27	ppb
Manganese	55-2	5659.42	5683.64	5563.38	5635.48	1.13	ppb
Molybdenum	94-1	2986.12	3038.18	3155.54	3059.95	2.84	ppb
Molybdenum	95-1	2603.34	2627.57	2697.10	2642.67	1.84	ppb
Molybdenum	96-1	2701.52	2702.56	2798.95	2734.34	2.05	ppb
Molybdenum	97-1	2537.96	2643.34	2678.12	2619.80	2.79	ppb
Molybdenum	98-1	2627.54	2664.90	2745.92	2679.45	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.91	476.01	469.30	473.74	0.81	ppb
Phosphorus	31-2	51.10	32.59	25.27	36.32	36.65	ppb
Potassium	39-2	31357.07	30770.25	30050.78	30726.03	2.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	77-2	437.28	444.27	447.05	442.87	1.14	ppb
Selenium	78-2	468.34	433.92	434.22	445.49	4.44	ppb
Selenium	82-1	508.39	509.85	533.84	517.36	2.76	ppb
Silicon	28-1	999.25	990.18	1054.92	1014.78	3.45	ppb
Silver	107-1	400.72	377.73	387.68	388.71	2.97	ppb
Silver	109-1	433.22	387.60	539.52	453.44	17.19	ppb
Sodium	23-2	218461.90	214803.93	211301.69	214855.84	1.67	ppb
Strontium	86-1	739.32	756.37	809.11	768.27	4.74	ppb
Strontium	88-1	757.61	768.97	820.64	782.41	4.29	ppb
Sulfur	34-1	11025.98	10469.23	12130.64	11208.61	7.54	ppb
Terbium	159-1				112		%
Terbium	159-2				117		%
Thallium	203-1	503.00	531.68	541.93	525.53	3.84	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922M	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:17:41	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	498.10	539.13	532.11	523.11	4.20	ppb
Tin	118-1	473.74	468.59	549.38	497.24	9.10	ppb
Titanium	47-1	2558.44	2524.76	2578.07	2553.76	1.06	ppb
Uranium	238-1	488.91	508.40	556.87	518.06	6.76	ppb
Vanadium	51-2	472.66	463.93	473.45	470.01	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				118		%
Zinc	66-2	4159.60	4159.62	4052.65	4123.96	1.50	ppb
Zirconium	90-1	508.69	517.25	522.55	516.16	1.35	ppb
Zirconium	91-1	535.51	524.71	544.16	534.79	1.82	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:29:03	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51316.46	51308.26	49039.60	50554.77	2.60	ppb
Antimony	121-1	465.00	491.08	467.40	474.49	3.04	ppb
Arsenic	75-2	435.64	432.25	414.97	427.62	2.59	ppb
Barium	135-1	2495.47	2557.78	2520.68	2524.64	1.24	ppb
Barium	137-1	2476.05	2635.95	2503.63	2538.55	3.37	ppb
Beryllium	9-1	478.39	496.70	482.93	486.01	1.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Boron	10-1	479.04	522.09	511.89	504.34	4.46	ppb
Boron	11-1	480.26	526.47	531.39	512.71	5.50	ppb
Bromine	81-1						cps
Cadmium	111-1	442.11	465.38	465.13	457.54	2.92	ppb
Cadmium	106-1	477.36	500.98	478.40	485.58	2.75	ppb
Cadmium	108-1	472.96	490.43	475.18	479.52	1.98	ppb
Calcium	43-1	255984.24	258562.69	259132.45	257893.13	0.65	ppb
Calcium	44-1	259869.47	265305.95	266686.71	263954.04	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464.75	455.46	451.17	457.13	1.52	ppb
Cobalt	59-2	492.10	473.00	480.98	482.03	1.99	ppb
Copper	63-2	5223.69	4848.15	4776.52	4949.45	4.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	1758.15	448.23	429.10	878.49	86.72	ppb
Gold	197-2	844.90	568.74	922.81	778.82	23.89	ppb
Holmium	165-1				121		%
Holmium	165-2				126		%
Indium	115-1				115		%
Indium	115-2				116		%
Iron	56-2	127897.89	125260.98	125584.51	126247.79	1.14	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:29:03	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	131617.96	125568.90	126291.06	127825.98	2.58	ppb
Iron	54-2	131671.29	125386.68	121292.11	126116.69	4.15	ppb
Krypton	83-1						cps
Lead	206-1	2740.11	2749.88	2751.13	2747.04	0.22	ppb
Lead	207-1	2634.75	2809.53	2730.45	2724.91	3.21	ppb
Lead	208-1	2685.22	2771.72	2712.29	2723.07	1.62	ppb
Lithium	6-1				109		%
Magnesium	24-2	231696.48	234042.43	228684.93	231474.61	1.16	ppb
Manganese	55-2	4894.08	4780.67	4711.13	4795.29	1.93	ppb
Molybdenum	94-1	5148.60	5067.39	4912.57	5042.85	2.38	ppb
Molybdenum	95-1	5055.41	5060.33	4976.54	5030.76	0.93	ppb
Molybdenum	96-1	5046.86	5206.52	5108.77	5120.72	1.57	ppb
Molybdenum	97-1	5184.98	5027.88	4897.53	5036.80	2.86	ppb
Molybdenum	98-1	5112.65	5154.73	5091.03	5119.47	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.33	470.96	472.90	474.40	0.92	ppb
Phosphorus	31-2	9490.38	9185.21	9283.45	9319.68	1.67	ppb
Potassium	39-2	125667.30	121020.63	127718.53	124802.15	2.75	ppb
Rhodium	103-1				109		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				119		%
Selenium	77-2	428.57	442.82	444.36	438.58	1.99	ppb
Selenium	78-2	448.05	442.57	425.96	438.86	2.62	ppb
Selenium	82-1	470.82	472.74	475.37	472.97	0.48	ppb
Silicon	28-1	567.27	574.48	566.93	569.56	0.75	ppb
Silver	107-1	473.65	493.66	472.54	479.95	2.48	ppb
Silver	109-1	479.80	499.58	483.82	487.73	2.14	ppb
Sodium	23-2	260566.00	250395.13	251595.22	254185.45	2.19	ppb
Strontium	86-1	12538.94	12497.86	12289.59	12442.13	1.07	ppb
Strontium	88-1	12774.31	12980.25	12599.01	12784.52	1.49	ppb
Sulfur	34-1	10003.65	10227.05	9989.25	10073.32	1.32	ppb
Terbium	159-1				120		%
Terbium	159-2				126		%
Thallium	203-1	556.08	538.15	554.07	549.43	1.79	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:29:03	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	547.71	554.83	543.70	548.75	1.03	ppb
Tin	118-1	499.93	509.18	518.11	509.07	1.79	ppb
Titanium	47-1	5079.72	5107.68	5138.11	5108.50	0.57	ppb
Uranium	238-1	554.98	583.46	539.66	559.37	3.97	ppb
Vanadium	51-2	475.88	465.47	458.18	466.51	1.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				125		%
Zinc	66-2	4765.38	4581.65	4537.19	4628.07	2.61	ppb
Zirconium	90-1	495.26	514.82	502.08	504.05	1.97	ppb
Zirconium	91-1	521.34	508.69	522.35	517.46	1.47	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:53:46	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	1.57	1.42	1.36	18.05	ppb
Antimony	121-1	0.11	0.14	0.20	0.15	30.61	ppb
Arsenic	75-2	0.06	-0.01	0.03	0.03	141.07	ppb
Barium	135-1	0.13	0.20	0.11	0.15	32.61	ppb
Barium	137-1	0.08	0.14	0.13	0.12	28.36	ppb
Beryllium	9-1	0.05	0.06	0.06	0.06	12.63	ppb
Bismuth	209-1				126		%
Bismuth	209-2				125		%
Boron	10-1	20.90	19.50	19.17	19.85	4.65	ppb
Boron	11-1	21.70	20.10	20.51	20.77	3.99	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.22	-0.26	-0.19		ppb
Cadmium	106-1	-1.80	-3.45	-3.73	-2.99		ppb
Cadmium	108-1	-0.01	-0.11	0.04	-0.03		ppb
Calcium	43-1	7.56	13.23	7.62	9.47	34.38	ppb
Calcium	44-1	1.44	7.47	1.38	3.43	102.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.02	0.03	21.93	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	17.62	ppb
Copper	63-2	0.19	0.22	0.23	0.21	9.11	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
Gold	197-1	-132.77	26.79	29.36	-25.54		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				124		%
Holmium	165-2				122		%
Indium	115-1				122		%
Indium	115-2				121		%
Iron	56-2	5.38	7.38	7.60	6.79	17.98	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:53:46	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	3.92	5.33	6.39	5.21	23.80	ppb
Iron	54-2	8.30	7.90	9.53	8.57	9.90	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.07	0.08	12.56	ppb
Lead	207-1	0.08	0.08	0.08	0.08	3.82	ppb
Lead	208-1	0.08	0.11	0.08	0.09	20.44	ppb
Lithium	6-1				114		%
Magnesium	24-2	7.15	9.31	11.23	9.23	22.08	ppb
Manganese	55-2	0.23	0.24	0.20	0.22	8.39	ppb
Molybdenum	94-1	0.55	0.54	0.41	0.50	16.37	ppb
Molybdenum	95-1	0.57	0.56	0.46	0.53	11.05	ppb
Molybdenum	96-1	0.53	0.65	0.47	0.55	16.58	ppb
Molybdenum	97-1	0.66	0.63	0.53	0.60	11.04	ppb
Molybdenum	98-1	0.54	0.60	0.51	0.55	8.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-95.95	-115.53	-91.86	-101.11		ppb
Potassium	39-2	-9.32	-10.02	-1.84	-7.06		ppb
Rhodium	103-1				121		%
Rhodium	103-2				123		%
Scandium	45-1				122		%
Scandium	45-2				116		%
Selenium	77-2	-0.51	0.11	0.67	0.09	674.22	ppb
Selenium	78-2	-0.76	-0.20	-0.64	-0.53		ppb
Selenium	82-1	0.29	0.23	0.22	0.25	14.90	ppb
Silicon	28-1	-7.94	-8.43	-7.94	-8.10		ppb
Silver	107-1	0.02	0.03	0.01	0.02	42.76	ppb
Silver	109-1	0.03	0.03	0.03	0.03	3.04	ppb
Sodium	23-2	59.68	60.08	60.41	60.06	0.61	ppb
Strontium	86-1	0.31	0.55	0.30	0.39	36.36	ppb
Strontium	88-1	0.38	0.73	0.39	0.50	39.87	ppb
Sulfur	34-1	-2931.02	-3050.51	-3132.95	-3038.16		ppb
Terbium	159-1				121		%
Terbium	159-2				124		%
Thallium	203-1	0.05	0.05	0.06	0.05	7.33	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:53:46	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.05	0.08	0.07	0.07	22.26	ppb
Tin	118-1	0.00	0.01	0.01	0.01	46.97	ppb
Titanium	47-1	0.05	0.31	0.11	0.15	88.84	ppb
Uranium	238-1	0.01	0.02	0.01	0.02	40.39	ppb
Vanadium	51-2	0.03	0.01	0.01	0.02	40.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				125		%
Zinc	66-2	0.13	0.34	0.16	0.21	54.73	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	25.92	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	73.85	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922M	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:56:56	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10509.45	12263.30	10801.84	11191.53	8.40	ppb
Antimony	121-1	511.73	498.64	500.19	503.52	1.42	ppb
Arsenic	75-2	498.41	566.06	513.83	526.10	6.74	ppb
Barium	135-1	2844.57	2804.90	2752.66	2800.71	1.65	ppb
Barium	137-1	2778.74	2746.27	2762.97	2762.66	0.59	ppb
Beryllium	9-1	539.58	532.21	524.04	531.94	1.46	ppb
Bismuth	209-1				113		%
Bismuth	209-2				108		%
Boron	10-1	397.41	418.96	411.52	409.30	2.67	ppb
Boron	11-1	393.36	424.76	412.76	410.29	3.86	ppb
Bromine	81-1						cps
Cadmium	111-1	531.18	531.12	507.51	523.27	2.61	ppb
Cadmium	106-1	556.99	551.07	541.27	549.78	1.44	ppb
Cadmium	108-1	521.86	521.53	517.49	520.30	0.47	ppb
Calcium	43-1	98748.31	92630.51	90357.86	93912.23	4.62	ppb
Calcium	44-1	94494.92	92216.83	88323.45	91678.40	3.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.94	586.68	525.15	543.26	6.95	ppb
Cobalt	59-2	563.58	620.58	557.75	580.64	5.98	ppb
Copper	63-2	5633.04	6414.96	5997.37	6015.12	6.50	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
Gold	197-1	-132.77	-132.77	-132.77	-132.77		ppb
Gold	197-2	44.90	0.00	95.44	46.78	102.07	ppb
Holmium	165-1				121		%
Holmium	165-2				117		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	35490.24	40460.88	36603.70	37518.28	6.95	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922M	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:56:56	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	37085.04	40732.99	36851.71	38223.24	5.69	ppb
Iron	54-2	35861.31	40777.67	37059.50	37899.49	6.76	ppb
Krypton	83-1						cps
Lead	206-1	2908.27	2717.00	2731.76	2785.68	3.82	ppb
Lead	207-1	2873.58	2706.74	2585.22	2721.85	5.32	ppb
Lead	208-1	2851.07	2710.43	2652.43	2737.98	3.73	ppb
Lithium	6-1				112		%
Magnesium	24-2	62333.47	74307.96	65093.42	67244.95	9.32	ppb
Manganese	55-2	6050.96	7088.11	6396.22	6511.76	8.11	ppb
Molybdenum	94-1	3046.83	2988.06	3193.69	3076.19	3.44	ppb
Molybdenum	95-1	2631.75	2572.93	2767.65	2657.44	3.76	ppb
Molybdenum	96-1	2737.74	2596.23	2673.62	2669.20	2.65	ppb
Molybdenum	97-1	2651.94	2530.41	2737.84	2640.06	3.95	ppb
Molybdenum	98-1	2700.00	2540.19	2753.25	2664.48	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.65	575.95	515.07	532.56	7.10	ppb
Phosphorus	31-2	32.82	89.54	81.26	67.87	45.14	ppb
Potassium	39-2	33388.55	38702.56	34120.69	35403.93	8.13	ppb
Rhodium	103-1				114		%
Rhodium	103-2				108		%
Scandium	45-1				121		%
Scandium	45-2				113		%
Selenium	77-2	498.79	582.36	478.62	519.92	10.58	ppb
Selenium	78-2	493.13	563.67	511.70	522.83	6.99	ppb
Selenium	82-1	534.64	502.66	524.64	520.65	3.14	ppb
Silicon	28-1	1012.23	979.14	977.83	989.73	1.97	ppb
Silver	107-1	368.20	375.79	415.52	386.51	6.58	ppb
Silver	109-1	357.60	453.07	325.75	378.80	17.49	ppb
Sodium	23-2	224217.75	262048.51	229862.98	238709.75	8.55	ppb
Strontium	86-1	791.89	782.78	808.32	794.33	1.63	ppb
Strontium	88-1	774.15	763.42	789.93	775.83	1.72	ppb
Sulfur	34-1	10642.28	9511.68	9417.45	9857.14	6.91	ppb
Terbium	159-1				121		%
Terbium	159-2				117		%
Thallium	203-1	597.55	556.16	562.76	572.16	3.89	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922M	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:56:56	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	587.03	539.17	562.63	562.94	4.25	ppb
Tin	118-1	522.68	526.42	527.13	525.41	0.46	ppb
Titanium	47-1	2712.73	2612.17	2640.78	2655.23	1.95	ppb
Uranium	238-1	585.92	560.04	534.55	560.17	4.58	ppb
Vanadium	51-2	521.79	614.51	538.12	558.14	8.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				118		%
Zinc	66-2	4530.50	5333.78	4635.46	4833.25	9.03	ppb
Zirconium	90-1	535.81	500.04	522.87	519.57	3.49	ppb
Zirconium	91-1	532.14	522.53	557.83	537.50	3.40	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01A	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922/	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:59:54	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10250.68	9802.58	9750.48	9934.58	2.77	ppb
Antimony	121-1	530.04	496.64	492.75	506.48	4.05	ppb
Arsenic	75-2	494.38	487.46	455.75	479.20	4.30	ppb
Barium	135-1	2729.24	2685.09	2712.84	2709.06	0.82	ppb
Barium	137-1	2843.03	2663.19	2688.37	2731.53	3.57	ppb
Beryllium	9-1	510.78	503.20	511.37	508.45	0.90	ppb
Bismuth	209-1				114		%
Bismuth	209-2				116		%
Boron	10-1	396.07	422.76	431.89	416.91	4.46	ppb
Boron	11-1	394.45	429.47	423.39	415.77	4.50	ppb
Bromine	81-1						cps
Cadmium	111-1	509.58	490.23	501.03	500.28	1.94	ppb
Cadmium	106-1	533.72	497.42	528.39	519.84	3.77	ppb
Cadmium	108-1	521.16	490.99	503.32	505.15	3.00	ppb
Calcium	43-1	92332.90	93015.37	93479.86	92942.71	0.62	ppb
Calcium	44-1	90400.59	90846.89	88968.39	90071.96	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.56	474.72	471.21	479.83	2.51	ppb
Cobalt	59-2	525.27	517.65	501.70	514.87	2.34	ppb
Copper	63-2	5436.92	5215.01	5269.10	5307.01	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	-132.77	218.53	393.06	159.61	167.80	ppb
Gold	197-2	0.00	44.02	44.28	29.43	86.60	ppb
Holmium	165-1				123		%
Holmium	165-2				126		%
Indium	115-1				117		%
Indium	115-2				117		%
Iron	56-2	34691.65	33364.12	32671.37	33575.71	3.06	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01A	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922/	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:59:54	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	36339.01	33779.11	34059.28	34725.80	4.04	ppb
Iron	54-2	35206.53	34613.91	33441.14	34420.53	2.61	ppb
Krypton	83-1						cps
Lead	206-1	2718.60	2666.15	2631.92	2672.22	1.63	ppb
Lead	207-1	2650.66	2580.58	2626.27	2619.17	1.36	ppb
Lead	208-1	2701.93	2622.21	2634.09	2652.74	1.62	ppb
Lithium	6-1				113		%
Magnesium	24-2	62870.01	62347.12	61341.86	62186.33	1.25	ppb
Manganese	55-2	6024.23	5865.94	5814.10	5901.42	1.85	ppb
Molybdenum	94-1	2973.13	3045.05	2984.30	3000.83	1.29	ppb
Molybdenum	95-1	2513.59	2660.31	2488.38	2554.09	3.64	ppb
Molybdenum	96-1	2632.20	2613.55	2639.94	2628.56	0.52	ppb
Molybdenum	97-1	2564.93	2580.33	2542.99	2562.75	0.73	ppb
Molybdenum	98-1	2618.68	2645.60	2512.77	2592.35	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.16	486.05	474.70	485.64	2.21	ppb
Phosphorus	31-2	55.50	9.41	-13.81	17.03	207.11	ppb
Potassium	39-2	32608.40	31790.18	31229.82	31876.13	2.17	ppb
Rhodium	103-1				114		%
Rhodium	103-2				117		%
Scandium	45-1				122		%
Scandium	45-2				121		%
Selenium	77-2	482.96	457.03	406.20	448.73	8.70	ppb
Selenium	78-2	463.01	482.42	449.61	465.01	3.55	ppb
Selenium	82-1	505.47	502.44	495.72	501.21	1.00	ppb
Silicon	28-1	1027.95	993.84	1005.85	1009.21	1.71	ppb
Silver	107-1	249.46	299.23	364.53	304.41	18.96	ppb
Silver	109-1	320.51	310.29	453.23	361.35	22.07	ppb
Sodium	23-2	224521.21	219333.55	217745.94	220533.57	1.61	ppb
Strontium	86-1	776.37	808.39	783.76	789.51	2.12	ppb
Strontium	88-1	762.33	794.67	756.34	771.11	2.67	ppb
Sulfur	34-1	10005.97	9486.34	9900.76	9797.69	2.80	ppb
Terbium	159-1				121		%
Terbium	159-2				125		%
Thallium	203-1	565.48	524.07	542.77	544.11	3.81	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01A	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922/	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:59:54	DataFile Name :	049AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	546.72	524.39	529.66	533.59	2.19	ppb
Tin	118-1	507.31	496.99	516.36	506.89	1.91	ppb
Titanium	47-1	2522.42	2623.89	2574.34	2573.55	1.97	ppb
Uranium	238-1	543.53	542.02	534.60	540.05	0.89	ppb
Vanadium	51-2	513.02	496.91	482.33	497.42	3.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				127		%
Zinc	66-2	4590.83	4355.63	4336.33	4427.60	3.20	ppb
Zirconium	90-1	515.53	495.42	497.76	502.90	2.19	ppb
Zirconium	91-1	524.98	539.20	512.66	525.62	2.53	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:02:50	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.21	31.74	31.62	33.19	7.89	ppb
Antimony	121-1	0.22	0.27	0.40	0.30	30.92	ppb
Arsenic	75-2	0.36	0.21	0.14	0.24	46.33	ppb
Barium	135-1	303.09	294.02	313.43	303.51	3.20	ppb
Barium	137-1	313.25	300.47	319.34	311.02	3.10	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	2.76	ppb
Bismuth	209-1				114		%
Bismuth	209-2				118		%
Boron	10-1	48.83	46.71	44.82	46.78	4.29	ppb
Boron	11-1	51.26	49.63	46.79	49.23	4.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.13	0.08	-0.06		ppb
Cadmium	106-1	-2.30	-2.77	0.04	-1.68		ppb
Cadmium	108-1	-0.07	-0.31	-0.10	-0.16		ppb
Calcium	43-1	16548.85	15726.75	15505.25	15926.95	3.45	ppb
Calcium	44-1	16932.81	15843.89	15868.38	16215.03	3.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.18	0.18	0.21	19.08	ppb
Cobalt	59-2	3.93	3.91	3.91	3.91	0.29	ppb
Copper	63-2	0.82	0.27	0.35	0.48	62.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	226.63	-132.77	-132.77	-12.97		ppb
Gold	197-2	43.24	0.00	44.73	29.32	86.64	ppb
Holmium	165-1				122		%
Holmium	165-2				122		%
Indium	115-1				119		%
Indium	115-2				120		%
Iron	56-2	104041.83	108687.35	109367.27	107365.48	2.70	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:02:50	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	105400.38	108707.50	112240.04	108782.64	3.14	ppb
Iron	54-2	102321.44	107727.33	106909.86	105652.88	2.76	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.57	0.48	0.52	8.49	ppb
Lead	207-1	0.50	0.49	0.49	0.50	1.32	ppb
Lead	208-1	0.52	0.53	0.50	0.52	2.15	ppb
Lithium	6-1				112		%
Magnesium	24-2	2796.04	2777.23	2793.73	2789.00	0.37	ppb
Manganese	55-2	460.10	475.35	482.65	472.70	2.43	ppb
Molybdenum	94-1	1.15	0.95	0.97	1.02	10.57	ppb
Molybdenum	95-1	0.99	1.01	0.93	0.98	4.16	ppb
Molybdenum	96-1	3.44	3.20	3.04	3.23	6.23	ppb
Molybdenum	97-1	1.10	1.02	0.98	1.03	6.10	ppb
Molybdenum	98-1	1.09	0.87	0.92	0.96	12.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.60	1.75	1.69	1.68	4.61	ppb
Phosphorus	31-2	-94.87	-51.49	-68.02	-71.46		ppb
Potassium	39-2	5270.15	5660.59	5497.21	5475.98	3.58	ppb
Rhodium	103-1				118		%
Rhodium	103-2				118		%
Scandium	45-1				119		%
Scandium	45-2				118		%
Selenium	77-2	1.26	0.12	1.43	0.93	76.05	ppb
Selenium	78-2	0.55	0.84	-0.35	0.35	179.92	ppb
Selenium	82-1	0.97	0.87	0.77	0.87	11.12	ppb
Silicon	28-1	464.36	459.13	443.04	455.51	2.44	ppb
Silver	107-1	0.07	0.06	0.07	0.07	15.07	ppb
Silver	109-1	0.08	0.07	0.06	0.07	11.89	ppb
Sodium	23-2	109266.68	109917.94	107496.84	108893.82	1.15	ppb
Strontium	86-1	250.42	250.68	235.87	245.66	3.45	ppb
Strontium	88-1	265.26	264.24	249.47	259.66	3.40	ppb
Sulfur	34-1	-2405.75	-2620.92	-2489.56	-2505.41		ppb
Terbium	159-1				121		%
Terbium	159-2				124		%
Thallium	203-1	0.10	0.07	0.08	0.09	13.36	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:02:50	DataFile Name :	050AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.10	0.10	0.09	0.09	4.85	ppb
Tin	118-1	0.12	0.10	0.17	0.13	26.54	ppb
Titanium	47-1	0.35	0.38	0.40	0.37	7.23	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	20.20	ppb
Vanadium	51-2	0.13	0.04	0.03	0.07	85.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				123		%
Zinc	66-2	3.08	2.93	2.66	2.89	7.32	ppb
Zirconium	90-1	0.02	0.04	0.05	0.04	39.28	ppb
Zirconium	91-1	0.04	0.06	0.07	0.06	27.37	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:05:57	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	0.92	1.58	1.18	29.68	ppb
Antimony	121-1	0.07	0.09	0.13	0.10	31.80	ppb
Arsenic	75-2	0.08	0.08	0.10	0.09	12.58	ppb
Barium	135-1	293.64	277.98	267.55	279.72	4.69	ppb
Barium	137-1	296.08	285.12	280.97	287.39	2.72	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	6.49	ppb
Bismuth	209-1				118		%
Bismuth	209-2				127		%
Boron	10-1	29.31	29.35	27.97	28.88	2.72	ppb
Boron	11-1	30.51	30.66	29.74	30.30	1.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.14	-0.06	-0.09		ppb
Cadmium	106-1	-1.80	-2.30	-1.31	-1.80		ppb
Cadmium	108-1	-0.13	-0.22	-0.02	-0.12		ppb
Calcium	43-1	15011.00	14712.37	13935.63	14553.00	3.81	ppb
Calcium	44-1	15626.42	14965.92	14586.19	15059.51	3.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.11	0.02	0.04	175.17	ppb
Cobalt	59-2	3.10	3.46	3.64	3.40	8.10	ppb
Copper	63-2	0.28	0.44	0.46	0.39	24.92	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
Gold	197-1	-132.77	41.28	202.30	36.94	453.67	ppb
Gold	197-2	0.00	42.37	0.00	14.12	173.21	ppb
Holmium	165-1				122		%
Holmium	165-2				133		%
Indium	115-1				118		%
Indium	115-2				131		%
Iron	56-2	83969.21	93699.16	95983.26	91217.21	6.99	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:05:57	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	85789.28	96291.23	96676.83	92919.11	6.65	ppb
Iron	54-2	82454.48	97631.93	93123.82	91070.08	8.56	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.07	0.09	0.09	19.90	ppb
Lead	207-1	0.06	0.07	0.08	0.07	16.21	ppb
Lead	208-1	0.09	0.09	0.08	0.09	5.57	ppb
Lithium	6-1				113		%
Magnesium	24-2	2196.87	2508.58	2526.86	2410.77	7.69	ppb
Manganese	55-2	369.00	428.17	421.34	406.17	7.97	ppb
Molybdenum	94-1	0.50	0.58	0.52	0.53	7.39	ppb
Molybdenum	95-1	0.55	0.51	0.47	0.51	7.98	ppb
Molybdenum	96-1	2.20	2.39	2.31	2.30	4.11	ppb
Molybdenum	97-1	0.58	0.44	0.45	0.49	16.24	ppb
Molybdenum	98-1	0.49	0.37	0.43	0.43	14.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.51	1.31	1.36	9.67	ppb
Phosphorus	31-2	-114.30	-83.39	-117.33	-105.01		ppb
Potassium	39-2	4324.41	4902.96	4870.44	4699.27	6.92	ppb
Rhodium	103-1				118		%
Rhodium	103-2				129		%
Scandium	45-1				121		%
Scandium	45-2				129		%
Selenium	77-2	0.02	-0.51	0.09	-0.13		ppb
Selenium	78-2	-0.70	-0.49	-0.25	-0.48		ppb
Selenium	82-1	0.63	0.39	0.57	0.53	23.51	ppb
Silicon	28-1	413.45	407.86	376.16	399.16	5.04	ppb
Silver	107-1	0.04	0.04	0.03	0.04	11.96	ppb
Silver	109-1	0.05	0.04	0.03	0.04	22.56	ppb
Sodium	23-2	85192.95	94710.03	98427.71	92776.90	7.36	ppb
Strontium	86-1	227.77	224.24	216.90	222.97	2.49	ppb
Strontium	88-1	232.17	225.40	223.83	227.14	1.95	ppb
Sulfur	34-1	-2161.22	-2250.66	-2812.55	-2408.14		ppb
Terbium	159-1				119		%
Terbium	159-2				135		%
Thallium	203-1	0.05	0.05	0.04	0.05	6.19	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:05:57	DataFile Name :	051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.06	0.06	0.06	0.06	2.71	ppb
Tin	118-1	0.00	-0.04	0.02	-0.01		ppb
Titanium	47-1	0.40	0.25	0.14	0.26	49.79	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.74	ppb
Vanadium	51-2	0.03	0.02	0.04	0.03	32.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				127		%
Yttrium	89-2				133		%
Zinc	66-2	1.57	1.85	2.26	1.89	18.41	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	55.23	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	152.49	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DL2X25	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	25
Date & Time Acquired :	2022-08-31 17:13:49	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.90	9.09	7.45	8.82	14.17	ppb
Antimony	121-1	0.12	0.10	0.21	0.14	41.16	ppb
Arsenic	75-2	0.02	0.08	0.04	0.05	64.80	ppb
Barium	135-1	58.87	58.52	58.81	58.73	0.32	ppb
Barium	137-1	62.25	58.57	59.76	60.19	3.12	ppb
Beryllium	9-1	0.06	0.04	0.07	0.06	22.83	ppb
Bismuth	209-1				122		%
Bismuth	209-2				121		%
Boron	10-1	25.43	23.74	23.22	24.13	4.79	ppb
Boron	11-1	27.40	25.70	25.43	26.18	4.09	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.06	0.02	-0.04		ppb
Cadmium	106-1	-1.74	-1.20	-0.58	-1.17		ppb
Cadmium	108-1	-0.28	0.01	-0.25	-0.18		ppb
Calcium	43-1	3108.64	3161.34	3057.32	3109.10	1.67	ppb
Calcium	44-1	3156.32	3292.50	3064.67	3171.17	3.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.08	0.06	0.06	21.77	ppb
Cobalt	59-2	0.80	0.83	0.79	0.81	2.61	ppb
Copper	63-2	0.15	0.14	0.10	0.13	20.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	37.78	30.76	-132.77	-21.41		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				124		%
Holmium	165-2				123		%
Indium	115-1				121		%
Indium	115-2				120		%
Iron	56-2	22956.68	21827.58	21244.91	22009.73	3.95	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DL2X25	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	25
Date & Time Acquired :	2022-08-31 17:13:49	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	21041.70	20707.47	20098.78	20615.98	2.32	ppb
Iron	54-2	22951.63	21875.17	21121.91	21982.90	4.18	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.19	0.16	0.19	16.35	ppb
Lead	207-1	0.18	0.17	0.17	0.17	2.77	ppb
Lead	208-1	0.18	0.17	0.17	0.17	2.43	ppb
Lithium	6-1				111		%
Magnesium	24-2	580.54	563.99	540.61	561.71	3.57	ppb
Manganese	55-2	97.78	94.92	91.66	94.79	3.23	ppb
Molybdenum	94-1	0.57	0.43	0.53	0.51	14.26	ppb
Molybdenum	95-1	0.56	0.53	0.51	0.53	4.90	ppb
Molybdenum	96-1	1.02	0.98	0.96	0.99	2.88	ppb
Molybdenum	97-1	0.68	0.54	0.64	0.62	10.99	ppb
Molybdenum	98-1	0.67	0.59	0.55	0.60	10.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.31	0.34	0.31	8.76	ppb
Phosphorus	31-2	-95.91	-89.32	-108.56	-97.93		ppb
Potassium	39-2	1149.09	1075.79	1053.43	1092.77	4.58	ppb
Rhodium	103-1				120		%
Rhodium	103-2				119		%
Scandium	45-1				120		%
Scandium	45-2				117		%
Selenium	77-2	0.10	-0.51	-0.51	-0.31		ppb
Selenium	78-2	0.59	0.19	0.47	0.42	49.09	ppb
Selenium	82-1	-0.12	0.08	0.11	0.02	597.58	ppb
Silicon	28-1	79.03	80.23	82.69	80.65	2.31	ppb
Silver	107-1	0.03	0.01	0.02	0.02	43.48	ppb
Silver	109-1	0.02	0.02	0.01	0.02	28.54	ppb
Sodium	23-2	22372.57	21054.06	20858.98	21428.54	3.84	ppb
Strontium	86-1	47.82	47.54	46.43	47.27	1.55	ppb
Strontium	88-1	48.80	47.08	46.70	47.53	2.36	ppb
Sulfur	34-1	-2928.23	-2632.14	-2770.69	-2777.02		ppb
Terbium	159-1				122		%
Terbium	159-2				122		%
Thallium	203-1	0.08	0.04	0.06	0.06	26.08	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DL2X25	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	25
Date & Time Acquired :	2022-08-31 17:13:49	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.10	0.06	0.09	0.08	19.63	ppb
Tin	118-1	0.01	0.12	0.00	0.04	149.32	ppb
Titanium	47-1	0.15	0.09	0.05	0.10	49.43	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.77	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	37.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				125		%
Yttrium	89-2				124		%
Zinc	66-2	0.57	0.54	0.58	0.56	3.91	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	20.73	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	29.72	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:16:53	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48524.59	49729.91	49893.19	49382.56	1.51	ppb
Antimony	121-1	480.20	481.13	458.37	473.23	2.72	ppb
Arsenic	75-2	415.83	431.59	424.63	424.02	1.86	ppb
Barium	135-1	2578.35	2499.14	2430.50	2502.66	2.96	ppb
Barium	137-1	2556.65	2552.44	2449.94	2519.68	2.40	ppb
Beryllium	9-1	473.89	477.42	489.28	480.20	1.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				110		%
Boron	10-1	485.34	506.32	520.24	503.97	3.49	ppb
Boron	11-1	474.61	496.67	507.88	493.05	3.43	ppb
Bromine	81-1						cps
Cadmium	111-1	456.76	449.49	433.77	446.67	2.63	ppb
Cadmium	106-1	481.62	479.83	454.82	472.09	3.17	ppb
Cadmium	108-1	472.76	491.39	448.93	471.03	4.52	ppb
Calcium	43-1	263136.89	256851.15	247366.98	255785.00	3.10	ppb
Calcium	44-1	266044.61	256766.98	261088.05	261299.88	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	449.30	460.64	446.94	452.29	1.62	ppb
Cobalt	59-2	483.31	468.77	483.62	478.57	1.77	ppb
Copper	63-2	4552.90	4546.80	4590.88	4563.53	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	243.91	434.03	49.19	242.37	79.39	ppb
Gold	197-2	1106.79	712.22	606.08	808.37	32.64	ppb
Holmium	165-1				125		%
Holmium	165-2				127		%
Indium	115-1				119		%
Indium	115-2				118		%
Iron	56-2	123806.64	129985.86	122840.75	125544.42	3.09	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:16:53	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	122359.01	127360.82	126282.62	125334.15	2.10	ppb
Iron	54-2	123845.46	124975.11	120930.13	123250.23	1.69	ppb
Krypton	83-1						cps
Lead	206-1	2633.60	2735.63	2669.20	2679.48	1.93	ppb
Lead	207-1	2599.41	2716.53	2594.09	2636.68	2.62	ppb
Lead	208-1	2674.76	2706.66	2624.94	2668.79	1.54	ppb
Lithium	6-1				112		%
Magnesium	24-2	235960.36	237375.16	246438.25	239924.59	2.37	ppb
Manganese	55-2	4759.55	4837.27	4674.47	4757.09	1.71	ppb
Molybdenum	94-1	4777.68	5025.20	4837.64	4880.17	2.65	ppb
Molybdenum	95-1	5006.35	5168.36	4967.47	5047.39	2.11	ppb
Molybdenum	96-1	5079.42	5149.83	4821.39	5016.88	3.45	ppb
Molybdenum	97-1	4864.06	5085.57	4793.12	4914.25	3.10	ppb
Molybdenum	98-1	4821.08	5191.24	4992.83	5001.72	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	456.50	460.92	460.27	459.23	0.52	ppb
Phosphorus	31-2	8850.90	9363.25	9312.50	9175.55	3.08	ppb
Potassium	39-2	119732.29	124651.06	126179.27	123520.87	2.73	ppb
Rhodium	103-1				111		%
Rhodium	103-2				116		%
Scandium	45-1				122		%
Scandium	45-2				124		%
Selenium	77-2	405.92	418.55	449.70	424.72	5.31	ppb
Selenium	78-2	413.81	436.40	428.52	426.25	2.69	ppb
Selenium	82-1	450.47	460.66	447.39	452.84	1.53	ppb
Silicon	28-1	556.26	562.96	541.90	553.71	1.94	ppb
Silver	107-1	464.89	481.47	457.05	467.80	2.66	ppb
Silver	109-1	486.16	471.91	464.08	474.05	2.36	ppb
Sodium	23-2	247284.90	247648.20	253614.74	249515.95	1.42	ppb
Strontium	86-1	11712.52	12397.33	11693.67	11934.51	3.36	ppb
Strontium	88-1	12171.02	12554.92	12178.14	12301.36	1.79	ppb
Sulfur	34-1	10039.09	9611.21	8971.71	9540.67	5.63	ppb
Terbium	159-1				124		%
Terbium	159-2				126		%
Thallium	203-1	536.75	534.99	551.81	541.18	1.71	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:16:53	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	538.56	541.59	519.51	533.22	2.24	ppb
Tin	118-1	514.05	502.28	476.39	497.57	3.87	ppb
Titanium	47-1	5081.07	5143.88	4821.28	5015.41	3.41	ppb
Uranium	238-1	557.77	558.38	545.83	553.99	1.28	ppb
Vanadium	51-2	464.42	463.84	464.65	464.30	0.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				126		%
Yttrium	89-2				129		%
Zinc	66-2	4293.17	4347.10	4417.34	4352.54	1.43	ppb
Zirconium	90-1	488.35	509.05	478.72	492.04	3.15	ppb
Zirconium	91-1	508.70	532.07	504.61	515.13	2.88	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:24:20	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.54	0.78	0.75	0.69	19.21	ppb
Antimony	121-1	0.06	0.09	0.10	0.08	28.05	ppb
Arsenic	75-2	0.01	-0.01	0.04	0.01	179.98	ppb
Barium	135-1	0.09	0.09	0.10	0.09	6.80	ppb
Barium	137-1	0.15	0.13	0.04	0.11	51.43	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	10.74	ppb
Bismuth	209-1				121		%
Bismuth	209-2				129		%
Boron	10-1	16.61	14.14	14.78	15.18	8.45	ppb
Boron	11-1	18.55	15.51	15.55	16.54	10.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.20	-0.06	0.06	209.29	ppb
Cadmium	106-1	0.05	2.17	-1.18	0.35	485.13	ppb
Cadmium	108-1	-0.14	-0.22	-0.06	-0.14		ppb
Calcium	43-1	7.06	3.40	2.38	4.28	57.63	ppb
Calcium	44-1	1.58	-2.60	-1.54	-0.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	24.49	ppb
Copper	63-2	0.17	0.13	0.06	0.12	44.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Gold	197-1	49.78	-132.77	23.55	-19.81		ppb
Gold	197-2	0.00	0.00	0.00	0.00	N/A	ppb
Holmium	165-1				122		%
Holmium	165-2				129		%
Indium	115-1				122		%
Indium	115-2				131		%
Iron	56-2	4.78	3.15	3.54	3.82	22.28	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:24:20	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	57-2	4.51	1.54	1.04	2.36	79.36	ppb
Iron	54-2	4.16	3.33	4.50	4.00	15.06	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.07	0.08	21.07	ppb
Lead	207-1	0.11	0.07	0.07	0.08	28.52	ppb
Lead	208-1	0.11	0.08	0.07	0.09	27.11	ppb
Lithium	6-1				114		%
Magnesium	24-2	3.13	3.98	4.09	3.74	14.07	ppb
Manganese	55-2	0.15	0.15	0.17	0.15	6.94	ppb
Molybdenum	94-1	0.33	0.29	0.28	0.30	7.96	ppb
Molybdenum	95-1	0.41	0.34	0.33	0.36	12.67	ppb
Molybdenum	96-1	0.33	0.41	0.37	0.37	10.80	ppb
Molybdenum	97-1	0.45	0.35	0.41	0.41	12.03	ppb
Molybdenum	98-1	0.48	0.41	0.33	0.41	18.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.01	160.24	ppb
Phosphorus	31-2	-100.62	-103.19	-105.22	-103.01		ppb
Potassium	39-2	-20.25	-26.52	-16.93	-21.24		ppb
Rhodium	103-1				120		%
Rhodium	103-2				130		%
Scandium	45-1				122		%
Scandium	45-2				121		%
Selenium	77-2	-0.51	0.05	0.07	-0.13		ppb
Selenium	78-2	0.80	0.02	-0.07	0.25	192.77	ppb
Selenium	82-1	-0.56	-0.09	0.17	-0.16		ppb
Silicon	28-1	-6.58	-8.81	-9.53	-8.31		ppb
Silver	107-1	0.04	0.01	0.02	0.02	52.46	ppb
Silver	109-1	0.03	0.02	0.02	0.03	23.19	ppb
Sodium	23-2	61.53	50.22	52.74	54.83	10.84	ppb
Strontium	86-1	0.30	0.17	0.17	0.21	35.53	ppb
Strontium	88-1	0.46	0.36	0.22	0.35	34.86	ppb
Sulfur	34-1	-2519.33	-2975.02	-3281.30	-2925.22		ppb
Terbium	159-1				118		%
Terbium	159-2				130		%
Thallium	203-1	0.09	0.05	0.05	0.07	36.40	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:24:20	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Thallium	205-1	0.09	0.09	0.06	0.08	18.36	ppb
Tin	118-1	0.08	0.04	-0.01	0.04	116.01	ppb
Titanium	47-1	0.12	0.11	0.13	0.12	8.46	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.55	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	190.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				131		%
Zinc	66-2	0.23	0.03	-0.05	0.07	205.10	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	40.33	ppb
Zirconium	91-1	0.02	0.00	0.03	0.02	107.13	ppb

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:44:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96	95	87	93	5.09	cps
Antimony	121-1	17	0	25	14	91.65	cps
Arsenic	75-2	9	5	4	6	44.10	cps
Barium	135-1	33	17	8	19	65.47	cps
Barium	137-1	50	25	25	33	43.30	cps
Beryllium	9-1	21	21	20	21	3.46	cps
Bismuth	209-1	5567146	5203225	5472530	5414300	3.49	cps
Bismuth	209-2	2510088	2563584	2644497	2572723	2.63	cps
Boron	10-1	378	334	310	341	10.12	cps
Boron	11-1	1402	1452	1500	1451	3.38	cps
Bromine	81-1	54854	58130	55368	56117	3.14	cps
Cadmium	111-1	3011	2946	2815	2924	3.42	cps
Cadmium	106-1	4326	4242	4067	4212	3.13	cps
Cadmium	108-1	42	33	46	40	15.80	cps
Calcium	43-1	250	242	267	253	5.06	cps
Calcium	44-1	10249	10433	10409	10363	0.97	cps
Carbon	12-1	3917859	3891390	3892073	3900441	0.39	cps
Carbon	12-2	44786	46825	45881	45831	2.23	cps
Chlorine	35-1	113644	115014	115006	114555	0.69	cps
Chlorine	35-2	767	850	925	847	9.35	cps
Chromium	52-2	503	667	580	583	14.01	cps
Cobalt	59-2	57	27	43	42	35.60	cps
Copper	63-2	1017	1110	1130	1086	5.57	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	67	75	67	69	6.93	cps
Gadolinium	160-2	57	133	83	91	42.72	cps
Gold	197-1	8	0	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8644274	8654349	8166394	8488339	3.29	cps
Holmium	165-2	3420997	3647145	3451827	3506656	3.50	cps
Indium	115-1	7004919	7185905	6846536	7012454	2.42	cps
Indium	115-2	1025021	1018081	1038799	1027300	1.03	cps
Iron	56-2	5012	5045	5223	5094	2.23	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:44:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	144	222	217	194	22.31	cps
Iron	54-2	956	872	950	926	5.03	cps
Krypton	83-1	549	471	527	516	7.76	cps
Lead	206-1	528	533	689	583	15.68	cps
Lead	207-1	511	456	594	520	13.43	cps
Lead	208-1	2022	2333	2678	2345	13.99	cps
Lithium	6-1	4970206	4799734	4786587	4852176	2.11	cps
Magnesium	24-2	517	567	425	503	14.29	cps
Manganese	55-2	110	87	110	102	13.18	cps
Molybdenum	94-1	258	192	117	189	37.52	cps
Molybdenum	95-1	25	17	8	17	50.01	cps
Molybdenum	96-1	192	108	175	158	27.85	cps
Molybdenum	97-1	0	8	8	6	86.60	cps
Molybdenum	98-1	42	25	50	39	32.73	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	73	70	80	18.17	cps
Phosphorus	31-2	942	933	867	914	4.50	cps
Potassium	39-2	21249	21058	20348	20885	2.27	cps
Rhodium	103-1	6805167	6820194	6949658	6858340	1.16	cps
Rhodium	103-2	3068837	2902945	2931125	2967636	2.99	cps
Scandium	45-1	5434493	5506519	5267845	5402952	2.27	cps
Scandium	45-2	184447	182439	185808	184231	0.92	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	71	50	58	60	17.76	cps
Selenium	82-1	-8	44	-31	2	2299.86	cps
Silicon	28-1	745691	759104	747721	750839	0.96	cps
Silver	107-1	75	75	83	78	6.19	cps
Silver	109-1	33	33	25	31	15.74	cps
Sodium	23-2	19522	19288	19739	19516	1.15	cps
Strontium	86-1	817	667	742	742	10.11	cps
Strontium	88-1	200	308	250	253	21.45	cps
Sulfur	34-1	397019	388599	393790	393136	1.08	cps
Terbium	159-1	9132217	8550238	8653267	8778574	3.54	cps
Terbium	159-2	3470183	3540842	3342443	3451156	2.91	cps
Thallium	203-1	525	592	583	567	6.41	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:44:07	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1167	1208	1358	1245	8.10	cps
Tin	118-1	1800	2109	2250	2053	11.21	cps
Titanium	47-1	200	292	233	242	19.20	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Ytterbium	172-1	50	25	58	44	39.03	cps
Ytterbium	172-2	33	28	17	26	32.72	cps
Ytterbium	176-1	1642	1183	1325	1383	16.97	cps
Ytterbium	176-2	5696	6046	6307	6016	5.10	cps
Yttrium	89-1	12342252	12085037	11459064	11962118	3.80	cps
Yttrium	89-2	1283108	1296403	1318398	1299303	1.37	cps
Zinc	66-2	163	257	240	220	22.62	cps
Zirconium	90-1	425	508	517	483	10.49	cps
Zirconium	91-1	50	100	108	86	36.64	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:47:17	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1301	1356	1349	1335	2.23	cps
Antimony	121-1	10171	9262	9729	9720	4.68	cps
Arsenic	75-2	169	163	167	166	1.84	cps
Barium	135-1	12515	12423	11539	12159	4.43	cps
Barium	137-1	21601	22019	20407	21343	3.92	cps
Beryllium	9-1	2762	2797	2842	2801	1.43	cps
Bismuth	209-1	5183270	5279937	5283964	5249057	1.09	cps
Bismuth	209-2	2719501	2573105	2595339	2629315	3.00	cps
Boron	10-1	8451	8913	9573	8979	6.28	cps
Boron	11-1	37562	40943	42671	40392	6.43	cps
Bromine	81-1	54825	56172	56221	55739	1.42	cps
Cadmium	111-1	4353	4321	3908	4194	5.91	cps
Cadmium	106-1	4009	3992	3626	3876	5.59	cps
Cadmium	108-1	142	171	138	150	12.11	cps
Calcium	43-1	10628	10873	10620	10707	1.34	cps
Calcium	44-1	182362	181534	176949	180282	1.62	cps
Carbon	12-1	3857909	3901688	3877920	3879172	0.56	cps
Carbon	12-2	45621	46758	44267	45549	2.74	cps
Chlorine	35-1	120289	117953	118986	119076	0.98	cps
Chlorine	35-2	850	1000	992	947	8.90	cps
Chromium	52-2	4211	3874	4021	4035	4.18	cps
Cobalt	59-2	3127	2980	2980	3029	2.80	cps
Copper	63-2	5544	5758	5818	5707	2.52	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	92	58	17	56	67.63	cps
Gadolinium	160-2	100	73	77	83	17.44	cps
Gold	197-1	17	0	8	8	100.02	cps
Gold	197-2	0	0	6	2	173.21	cps
Holmium	165-1	8172128	8160334	7957190	8096551	1.49	cps
Holmium	165-2	3516606	3522517	3540767	3526630	0.36	cps
Indium	115-1	6767077	6608335	6725071	6700161	1.23	cps
Indium	115-2	1062007	1039802	1043361	1048390	1.14	cps
Iron	56-2	75421	75114	73511	74682	1.37	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:47:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1911	1995	1961	1956	2.14	cps
Iron	54-2	5112	4756	5073	4981	3.92	cps
Krypton	83-1	510	491	460	487	5.19	cps
Lead	206-1	4845	4684	4734	4755	1.74	cps
Lead	207-1	3867	4162	4067	4032	3.73	cps
Lead	208-1	18795	18845	18728	18789	0.31	cps
Lithium	6-1	4700209	4820924	4597898	4706344	2.37	cps
Magnesium	24-2	84939	85418	82368	84242	1.95	cps
Manganese	55-2	1100	1150	1000	1083	7.05	cps
Molybdenum	94-1	11605	12906	11622	12044	6.20	cps
Molybdenum	95-1	15926	14116	14283	14775	6.77	cps
Molybdenum	96-1	17069	16352	17003	16808	2.36	cps
Molybdenum	97-1	9312	9412	9028	9251	2.15	cps
Molybdenum	98-1	22703	23103	22185	22663	2.03	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	887	937	880	901	3.44	cps
Phosphorus	31-2	900	817	950	889	7.58	cps
Potassium	39-2	74099	73889	75531	74506	1.20	cps
Rhodium	103-1	6973603	6840494	6667590	6827229	2.25	cps
Rhodium	103-2	2985296	3001591	2933925	2973604	1.19	cps
Scandium	45-1	5122150	5488709	5249473	5286777	3.52	cps
Scandium	45-2	185694	185569	185596	185620	0.04	cps
Selenium	77-2	10	30	23	21	48.24	cps
Selenium	78-2	139	143	153	145	4.97	cps
Selenium	82-1	635	705	664	668	5.27	cps
Silicon	28-1	801002	816401	810328	809243	0.96	cps
Silver	107-1	8011	7836	7461	7769	3.62	cps
Silver	109-1	7669	7402	7586	7552	1.81	cps
Sodium	23-2	175172	170134	167564	170957	2.26	cps
Strontium	86-1	2859	2750	2634	2748	4.10	cps
Strontium	88-1	16277	16811	16110	16399	2.23	cps
Sulfur	34-1	387906	391397	397404	392236	1.22	cps
Terbium	159-1	8554535	8899759	8293645	8582646	3.54	cps
Terbium	159-2	3596171	3626227	3411587	3544662	3.28	cps
Thallium	203-1	5510	5151	5568	5410	4.17	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:47:17	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	13549	13141	12673	13121	3.34	cps
Tin	118-1	24665	25074	25441	25060	1.55	cps
Titanium	47-1	4959	5284	4859	5034	4.42	cps
Uranium	238-1	15986	15969	15184	15713	2.91	cps
Vanadium	51-2	6668	6318	6642	6543	2.98	cps
Ytterbium	172-1	42	17	42	33	43.30	cps
Ytterbium	172-2	17	28	22	22	25.00	cps
Ytterbium	176-1	1425	1308	1225	1320	7.61	cps
Ytterbium	176-2	6335	6085	6357	6259	2.42	cps
Yttrium	89-1	11919268	11932343	11809895	11887169	0.57	cps
Yttrium	89-2	1359945	1379022	1310309	1349759	2.63	cps
Zinc	66-2	813	887	853	851	4.31	cps
Zirconium	90-1	10613	9762	9787	10054	4.81	cps
Zirconium	91-1	2400	2267	2217	2295	4.13	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:50:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65916	63623	62813	64117	2.51	cps
Antimony	121-1	250973	249335	241084	247131	2.14	cps
Arsenic	75-2	8262	8213	8032	8169	1.48	cps
Barium	135-1	340144	332649	325468	332753	2.21	cps
Barium	137-1	580017	577048	564669	573912	1.42	cps
Beryllium	9-1	136397	137110	135567	136358	0.57	cps
Bismuth	209-1	5225545	5360637	5500596	5362259	2.56	cps
Bismuth	209-2	2584429	2554713	2462645	2533929	2.51	cps
Boron	10-1	24113	25449	25820	25127	3.57	cps
Boron	11-1	105100	109813	111476	108797	3.04	cps
Bromine	81-1	57560	55437	57499	56832	2.13	cps
Cadmium	111-1	82174	80666	82106	81649	1.04	cps
Cadmium	106-1	12548	12765	13382	12898	3.36	cps
Cadmium	108-1	6231	6214	6389	6278	1.54	cps
Calcium	43-1	128142	127361	126023	127175	0.84	cps
Calcium	44-1	2037697	2009986	2069653	2039112	1.46	cps
Carbon	12-1	4320010	4253967	4363951	4312643	1.28	cps
Carbon	12-2	52285	52360	52168	52271	0.19	cps
Chlorine	35-1	143262	143380	143213	143285	0.06	cps
Chlorine	35-2	1150	1075	1083	1103	3.73	cps
Chromium	52-2	88425	86527	86238	87063	1.36	cps
Cobalt	59-2	158069	154568	153188	155275	1.62	cps
Copper	63-2	1210393	1191584	1181847	1194608	1.21	cps
Dysprosium	156-1	8	50	25	28	75.51	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	42	25	42	36	26.65	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	58	108	42	69	49.96	cps
Gadolinium	160-2	67	100	83	83	20.00	cps
Gold	197-1	0	8	17	8	100.02	cps
Gold	197-2	0	11	0	4	173.21	cps
Holmium	165-1	8546328	8315112	8183921	8348454	2.20	cps
Holmium	165-2	3527154	3733426	3453951	3571510	4.06	cps
Indium	115-1	6737712	6916485	7094609	6916269	2.58	cps
Indium	115-2	1052566	1037917	994722	1028402	2.92	cps
Iron	56-2	3739649	3976476	3826327	3847484	3.11	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:50:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	93181	90034	90716	91310	1.81	cps
Iron	54-2	213041	201454	203833	206109	2.97	cps
Krypton	83-1	474	497	430	467	7.33	cps
Lead	206-1	1122138	1115132	1095770	1111013	1.23	cps
Lead	207-1	992930	966872	983543	981115	1.35	cps
Lead	208-1	4758869	4668410	4786785	4738021	1.31	cps
Lithium	6-1	4939062	4778261	4743341	4820221	2.17	cps
Magnesium	24-2	875819	847625	850707	858051	1.80	cps
Manganese	55-2	478513	471829	464274	471539	1.51	cps
Molybdenum	94-1	1057948	1081072	1037845	1058955	2.04	cps
Molybdenum	95-1	1560959	1511187	1464218	1512121	3.20	cps
Molybdenum	96-1	1706716	1651346	1673718	1677260	1.66	cps
Molybdenum	97-1	945247	952413	922673	940111	1.65	cps
Molybdenum	98-1	2386226	2516081	2406986	2436431	2.86	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	43406	41882	40922	42070	2.98	cps
Phosphorus	31-2	4492	4868	4409	4590	5.32	cps
Potassium	39-2	315812	310017	302812	309547	2.10	cps
Rhodium	103-1	6672434	6615747	6778860	6689013	1.24	cps
Rhodium	103-2	2993137	2928587	2901195	2940973	1.61	cps
Scandium	45-1	5305416	5331071	5279578	5305355	0.49	cps
Scandium	45-2	182959	186396	179083	182813	2.00	cps
Selenium	77-2	203	190	197	197	3.39	cps
Selenium	78-2	823	767	804	798	3.57	cps
Selenium	82-1	6889	7119	6956	6988	1.69	cps
Silicon	28-1	1612510	1607717	1587845	1602691	0.82	cps
Silver	107-1	403988	406236	400739	403655	0.68	cps
Silver	109-1	384948	379962	381199	382036	0.68	cps
Sodium	23-2	1701787	1635455	1609541	1648928	2.89	cps
Strontium	86-1	2595726	2497001	2571421	2554716	2.01	cps
Strontium	88-1	21567365	21939087	21129526	21545326	1.88	cps
Sulfur	34-1	444823	449019	448876	447573	0.53	cps
Terbium	159-1	8314498	8484943	8584345	8461262	1.61	cps
Terbium	159-2	3469107	3566609	3456916	3497544	1.72	cps
Thallium	203-1	266515	260338	255991	260948	2.03	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:50:29	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	632998	637826	603088	624637	3.01	cps
Tin	118-1	246087	239409	237540	241012	1.86	cps
Titanium	47-1	513832	506494	502345	507557	1.15	cps
Uranium	238-1	837299	819124	845831	834084	1.64	cps
Vanadium	51-2	70412	68925	66825	68721	2.62	cps
Ytterbium	172-1	33	83	42	53	50.76	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	2017	2025	1842	1961	5.28	cps
Ytterbium	176-2	6346	6357	6435	6379	0.76	cps
Yttrium	89-1	11674536	12105234	11897788	11892519	1.81	cps
Yttrium	89-2	1313452	1310021	1267462	1296978	1.98	cps
Zinc	66-2	150639	144001	139252	144631	3.95	cps
Zirconium	90-1	530933	527351	520496	526260	1.01	cps
Zirconium	91-1	117429	120169	117713	118437	1.27	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:53:35	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165643	159166	159178	161329	2.32	cps
Antimony	121-1	644815	625494	623509	631272	1.86	cps
Arsenic	75-2	20695	20904	20596	20732	0.76	cps
Barium	135-1	850618	847800	821908	840109	1.88	cps
Barium	137-1	1531249	1507911	1451271	1496810	2.75	cps
Beryllium	9-1	341930	340309	337114	339784	0.72	cps
Bismuth	209-1	5636763	5741855	5284648	5554422	4.31	cps
Bismuth	209-2	2583059	2706646	2692635	2660780	2.54	cps
Boron	10-1	59851	61640	64174	61889	3.51	cps
Boron	11-1	265207	278203	285304	276238	3.69	cps
Bromine	81-1	55398	56412	57006	56272	1.45	cps
Cadmium	111-1	209865	203512	199635	204337	2.53	cps
Cadmium	106-1	27528	27595	25825	26983	3.72	cps
Cadmium	108-1	15551	15809	16619	15993	3.48	cps
Calcium	43-1	323159	325686	320810	323218	0.75	cps
Calcium	44-1	5116368	5078095	4992480	5062314	1.25	cps
Carbon	12-1	4484468	4463238	4511019	4486242	0.53	cps
Carbon	12-2	54092	53799	54384	54092	0.54	cps
Chlorine	35-1	149685	150830	152397	150971	0.90	cps
Chlorine	35-2	1208	1133	1000	1114	9.47	cps
Chromium	52-2	220539	217716	215235	217830	1.22	cps
Cobalt	59-2	397386	385667	382564	388539	2.01	cps
Copper	63-2	3186002	3169600	3233073	3196225	1.03	cps
Dysprosium	156-1	17	50	92	53	71.20	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	17	20	40	26	49.38	cps
Gadolinium	160-1	50	133	117	100	44.10	cps
Gadolinium	160-2	73	103	83	87	17.63	cps
Gold	197-1	8	8	0	6	86.60	cps
Gold	197-2	22	22	6	17	57.71	cps
Holmium	165-1	9321970	8930296	8732995	8995087	3.33	cps
Holmium	165-2	3552608	3484226	3573813	3536882	1.32	cps
Indium	115-1	7414581	7132498	7066946	7204675	2.56	cps
Indium	115-2	1025789	1031430	1034178	1030466	0.42	cps
Iron	56-2	9723248	9791291	9273815	9596118	2.93	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:53:35	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	235268	232400	225695	231121	2.13	cps
Iron	54-2	527460	530647	521668	526592	0.86	cps
Krypton	83-1	472	502	466	480	4.03	cps
Lead	206-1	2999856	3289999	3111216	3133690	4.67	cps
Lead	207-1	2683817	2700265	2692834	2692305	0.31	cps
Lead	208-1	12095402	12380964	11910123	12128830	1.96	cps
Lithium	6-1	4886759	4785888	4649210	4773952	2.50	cps
Magnesium	24-2	2302792	2162067	2201101	2221987	3.27	cps
Manganese	55-2	1216964	1197164	1172189	1195439	1.88	cps
Molybdenum	94-1	2784130	2795138	2712173	2763814	1.63	cps
Molybdenum	95-1	3938624	3869477	3932550	3913550	0.98	cps
Molybdenum	96-1	4212405	4276218	4294702	4261108	1.01	cps
Molybdenum	97-1	2510037	2366305	2428264	2434869	2.96	cps
Molybdenum	98-1	6309111	6049498	6031483	6130031	2.53	cps
Neodymium	150-1	93	87	87	89	4.33	cps
Neodymium	150-2	0	10	13	8	89.21	cps
Nickel	60-2	108360	105666	105969	106665	1.38	cps
Phosphorus	31-2	10813	10554	10979	10782	1.99	cps
Potassium	39-2	765521	747048	742694	751754	1.61	cps
Rhodium	103-1	7064111	7073798	6675429	6937779	3.28	cps
Rhodium	103-2	3023837	2910034	3024800	2986224	2.21	cps
Scandium	45-1	5752786	5586699	5330313	5556599	3.83	cps
Scandium	45-2	184759	180458	181869	182362	1.20	cps
Selenium	77-2	607	593	627	609	2.76	cps
Selenium	78-2	1913	1818	1909	1880	2.86	cps
Selenium	82-1	17200	17906	17384	17497	2.09	cps
Silicon	28-1	2862259	2912619	2894254	2889711	0.88	cps
Silver	107-1	1016486	1035061	1005954	1019167	1.45	cps
Silver	109-1	978643	975935	941167	965248	2.17	cps
Sodium	23-2	4175149	4046254	4059663	4093688	1.73	cps
Strontium	86-1	6330554	6272228	6417209	6339997	1.15	cps
Strontium	88-1	54117430	55732330	53846224	54565328	1.87	cps
Sulfur	34-1	509615	512566	518520	513567	0.88	cps
Terbium	159-1	8898345	8826848	9075227	8933473	1.43	cps
Terbium	159-2	3514619	3368703	3708583	3530635	4.83	cps
Thallium	203-1	667940	668407	644732	660360	2.05	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:53:35	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1692088	1725686	1646096	1687957	2.37	cps
Tin	118-1	615539	616432	611851	614607	0.40	cps
Titanium	47-1	1362447	1277089	1305938	1315158	3.30	cps
Uranium	238-1	2414785	2320333	2241346	2325488	3.73	cps
Vanadium	51-2	177525	174010	170745	174093	1.95	cps
Ytterbium	172-1	58	58	25	47	40.76	cps
Ytterbium	172-2	28	39	44	37	22.91	cps
Ytterbium	176-1	3184	2850	3209	3081	6.49	cps
Ytterbium	176-2	6668	7247	6713	6876	4.68	cps
Yttrium	89-1	12085202	12449322	11914268	12149597	2.25	cps
Yttrium	89-2	1331908	1263252	1289711	1294957	2.67	cps
Zinc	66-2	371042	366828	364352	367407	0.92	cps
Zirconium	90-1	1369741	1354911	1310625	1345092	2.29	cps
Zirconium	91-1	301272	295870	291968	296370	1.58	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:56:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313125	309652	296136	306305	2.93	cps
Antimony	121-1	1255548	1241799	1219747	1239031	1.46	cps
Arsenic	75-2	40926	39987	38680	39864	2.83	cps
Barium	135-1	1735442	1700982	1740494	1725639	1.25	cps
Barium	137-1	2957282	2957177	2885820	2933426	1.41	cps
Beryllium	9-1	658038	653603	650185	653942	0.60	cps
Bismuth	209-1	5320023	5152037	5310544	5260868	1.79	cps
Bismuth	209-2	2644125	2577989	3135885	2786000	10.94	cps
Boron	10-1	115953	121846	117730	118510	2.55	cps
Boron	11-1	514925	550616	544174	536572	3.54	cps
Bromine	81-1	55749	56360	56361	56157	0.63	cps
Cadmium	111-1	393465	399517	394013	395665	0.85	cps
Cadmium	106-1	46656	47951	47065	47224	1.40	cps
Cadmium	108-1	30187	31169	31215	30857	1.88	cps
Calcium	43-1	632158	633913	626308	630793	0.63	cps
Calcium	44-1	9691956	9733939	9799528	9741808	0.56	cps
Carbon	12-1	4642949	4693292	4550893	4629045	1.56	cps
Carbon	12-2	54619	56651	56643	55971	2.09	cps
Chlorine	35-1	151494	153280	151797	152190	0.63	cps
Chlorine	35-2	1092	1183	1150	1142	4.06	cps
Chromium	52-2	428387	425055	406883	420108	2.75	cps
Cobalt	59-2	759600	766608	730851	752353	2.52	cps
Copper	63-2	6235641	6088956	5667199	5997265	4.92	cps
Dysprosium	156-1	100	75	100	92	15.75	cps
Dysprosium	156-2	23	17	17	19	20.36	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	27	27	23	26	7.55	cps
Gadolinium	160-1	83	92	108	94	13.48	cps
Gadolinium	160-2	83	100	130	104	22.64	cps
Gold	197-1	25	25	25	25	0.00	cps
Gold	197-2	33	22	22	26	24.74	cps
Holmium	165-1	8348050	8663827	8412135	8474670	1.97	cps
Holmium	165-2	3626863	3732041	4302998	3887301	9.36	cps
Indium	115-1	6784263	6760131	6785815	6776736	0.21	cps
Indium	115-2	1005924	1012477	1222427	1080276	11.40	cps
Iron	56-2	19356037	19011016	17858167	18741740	4.19	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:56:44	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	458552	456713	440263	451842	2.23	cps
Iron	54-2	1025558	1018934	985643	1010045	2.12	cps
Krypton	83-1	496	491	474	487	2.43	cps
Lead	206-1	6029499	5875157	5965493	5956716	1.30	cps
Lead	207-1	5326786	5252339	5098258	5225794	2.23	cps
Lead	208-1	24275899	23889392	23934733	24033341	0.88	cps
Lithium	6-1	4636346	4514295	4657025	4602555	1.68	cps
Magnesium	24-2	4301491	4182780	4023717	4169329	3.34	cps
Manganese	55-2	2473549	2484971	2361109	2439876	2.81	cps
Molybdenum	94-1	5411824	5260438	5292172	5321478	1.50	cps
Molybdenum	95-1	7624617	7581988	7562624	7589743	0.42	cps
Molybdenum	96-1	8283738	8468696	8255161	8335865	1.39	cps
Molybdenum	97-1	4900879	4672653	4649525	4741019	2.93	cps
Molybdenum	98-1	12146331	11665717	12010563	11940870	2.07	cps
Neodymium	150-1	187	200	173	187	7.14	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	205786	207911	198065	203921	2.54	cps
Phosphorus	31-2	19614	20031	18796	19480	3.23	cps
Potassium	39-2	1483357	1466996	1422280	1457544	2.17	cps
Rhodium	103-1	6562106	6444898	6695797	6567600	1.91	cps
Rhodium	103-2	2883097	3023190	3487644	3131310	10.11	cps
Scandium	45-1	5237712	5241094	5387841	5288883	1.62	cps
Scandium	45-2	182100	180657	212498	191752	9.38	cps
Selenium	77-2	1063	1133	1090	1096	3.23	cps
Selenium	78-2	3687	3616	3586	3630	1.43	cps
Selenium	82-1	35075	34592	34267	34645	1.17	cps
Silicon	28-1	4943473	4912117	4805326	4886972	1.48	cps
Silver	107-1	2061161	2021440	2115166	2065922	2.28	cps
Silver	109-1	1993473	2026396	1937515	1985795	2.26	cps
Sodium	23-2	7812583	7895141	7387335	7698353	3.54	cps
Strontium	86-1	12726451	12734923	12460174	12640516	1.24	cps
Strontium	88-1	113348503	110950407	108388465	110895791	2.24	cps
Sulfur	34-1	641108	630857	620757	630907	1.61	cps
Terbium	159-1	8322784	8608135	8596566	8509162	1.90	cps
Terbium	159-2	3602631	3512465	4128591	3747896	8.88	cps
Thallium	203-1	1296611	1347096	1288116	1310608	2.43	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:56:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3306061	3277207	3380915	3321394	1.61	cps
Tin	118-1	1203231	1214580	1179823	1199212	1.48	cps
Titanium	47-1	2565380	2574743	2529373	2556499	0.94	cps
Uranium	238-1	4800275	4496116	4543146	4613179	3.55	cps
Vanadium	51-2	344854	340126	326850	337277	2.77	cps
Ytterbium	172-1	58	67	50	58	14.29	cps
Ytterbium	172-2	50	33	11	31	61.98	cps
Ytterbium	176-1	4226	4526	4334	4362	3.48	cps
Ytterbium	176-2	7436	7530	8386	7784	6.73	cps
Yttrium	89-1	11905139	11557581	12020038	11827586	2.04	cps
Yttrium	89-2	1267292	1263861	1587353	1372835	13.53	cps
Zinc	66-2	704444	695974	676567	692328	2.06	cps
Zirconium	90-1	2729433	2630259	2711996	2690563	1.97	cps
Zirconium	91-1	594894	585500	589821	590072	0.80	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:59:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	629076	613086	605547	615903	1.95	cps
Antimony	121-1	2609510	2547626	2626696	2594610	1.60	cps
Arsenic	75-2	81005	80493	79404	80301	1.02	cps
Barium	135-1	3500757	3571166	3458419	3510114	1.62	cps
Barium	137-1	5881553	5907216	5831679	5873482	0.65	cps
Beryllium	9-1	1278935	1267721	1297460	1281372	1.17	cps
Bismuth	209-1	5467292	5452927	5585674	5501964	1.32	cps
Bismuth	209-2	2554418	2475846	2510186	2513484	1.57	cps
Boron	10-1	232451	236570	241688	236903	1.95	cps
Boron	11-1	941317	974998	1029513	981942	4.53	cps
Bromine	81-1	56151	55537	55206	55631	0.86	cps
Cadmium	111-1	789021	765691	783078	779263	1.56	cps
Cadmium	106-1	88201	88796	91010	89336	1.66	cps
Cadmium	108-1	60725	59687	61717	60710	1.67	cps
Calcium	43-1	1273291	1279177	1313992	1288820	1.71	cps
Calcium	44-1	19401075	19371291	20537959	19770108	3.36	cps
Carbon	12-1	4893070	5036924	5053380	4994458	1.77	cps
Carbon	12-2	63839	62567	63614	63340	1.07	cps
Chlorine	35-1	158190	161267	161528	160328	1.16	cps
Chlorine	35-2	1183	1208	1033	1142	8.29	cps
Chromium	52-2	850872	835384	833975	840077	1.12	cps
Cobalt	59-2	1625436	1560173	1562583	1582731	2.34	cps
Copper	63-2	12136854	11791880	11894100	11940945	1.48	cps
Dysprosium	156-1	208	192	83	161	42.12	cps
Dysprosium	156-2	63	57	60	60	5.55	cps
Erbium	164-1	33	67	75	58	37.80	cps
Erbium	164-2	23	30	10	21	48.24	cps
Gadolinium	160-1	200	125	108	144	33.81	cps
Gadolinium	160-2	133	110	113	119	10.62	cps
Gold	197-1	17	42	17	25	57.73	cps
Gold	197-2	56	22	72	50	50.92	cps
Holmium	165-1	8847129	8503008	8642375	8664170	2.00	cps
Holmium	165-2	3630613	3678750	3659780	3656381	0.66	cps
Indium	115-1	7004146	6725350	7069952	6933149	2.64	cps
Indium	115-2	1007277	1003545	1007691	1006171	0.23	cps
Iron	56-2	38826224	36959112	36822866	37536068	2.98	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:59:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	918556	879561	883011	893709	2.42	cps
Iron	54-2	2184512	2083167	2105024	2124234	2.51	cps
Krypton	83-1	535	515	491	514	4.26	cps
Lead	206-1	12642703	12037060	12279054	12319606	2.47	cps
Lead	207-1	10995685	11021522	10783052	10933420	1.20	cps
Lead	208-1	48492810	48648292	47534798	48225300	1.25	cps
Lithium	6-1	4433352	4513033	4541067	4495817	1.24	cps
Magnesium	24-2	8569369	8287805	7986397	8281190	3.52	cps
Manganese	55-2	4950952	4893966	4876082	4907000	0.80	cps
Molybdenum	94-1	10824669	10916826	11064404	10935300	1.11	cps
Molybdenum	95-1	15537293	15378893	16084457	15666881	2.36	cps
Molybdenum	96-1	16132175	16761085	16856343	16583201	2.37	cps
Molybdenum	97-1	9223295	9753181	9602967	9526481	2.87	cps
Molybdenum	98-1	24546118	24248575	24998419	24597704	1.53	cps
Neodymium	150-1	260	253	300	271	9.31	cps
Neodymium	150-2	40	37	13	30	48.44	cps
Nickel	60-2	411116	408599	402164	407293	1.13	cps
Phosphorus	31-2	38703	38435	37449	38196	1.73	cps
Potassium	39-2	3010255	2889678	2840479	2913470	3.00	cps
Rhodium	103-1	6630757	6695044	6770884	6698895	1.05	cps
Rhodium	103-2	2975127	2872700	2860694	2902840	2.17	cps
Scandium	45-1	5324657	5224253	5233151	5260687	1.06	cps
Scandium	45-2	178849	178132	180910	179297	0.80	cps
Selenium	77-2	2140	2047	2047	2078	2.59	cps
Selenium	78-2	7057	7317	7154	7176	1.83	cps
Selenium	82-1	67112	66881	67898	67297	0.79	cps
Silicon	28-1	8695295	8986807	8901247	8861116	1.69	cps
Silver	107-1	4011744	3958929	4145275	4038649	2.38	cps
Silver	109-1	3917962	3755794	3985461	3886406	3.04	cps
Sodium	23-2	15674831	15782911	15755797	15737846	0.36	cps
Strontium	86-1	25206497	26416487	26252240	25958408	2.53	cps
Strontium	88-1	220373180	221011113	215783109	219055801	1.30	cps
Sulfur	34-1	868033	868196	850495	862241	1.18	cps
Terbium	159-1	8941809	8649531	9028917	8873419	2.24	cps
Terbium	159-2	3582321	3647048	3646720	3625363	1.03	cps
Thallium	203-1	2888179	2886909	2968913	2914667	1.61	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 12:59:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6720332	6547631	6505596	6591186	1.73	cps
Tin	118-1	2561178	2555509	2507951	2541546	1.15	cps
Titanium	47-1	4918745	5019700	5237751	5058732	3.22	cps
Uranium	238-1	9250297	9155097	9440305	9281899	1.56	cps
Vanadium	51-2	694237	667087	672774	678033	2.11	cps
Ytterbium	172-1	33	83	108	75	50.92	cps
Ytterbium	172-2	6	44	50	33	72.64	cps
Ytterbium	176-1	7519	7794	6952	7422	5.79	cps
Ytterbium	176-2	8747	8486	8497	8577	1.72	cps
Yttrium	89-1	11956997	12526639	11965434	12149690	2.69	cps
Yttrium	89-2	1296599	1355225	1286654	1312826	2.82	cps
Zinc	66-2	1393303	1363665	1336662	1364543	2.08	cps
Zirconium	90-1	5433558	5413270	5441857	5429562	0.27	cps
Zirconium	91-1	1183378	1198572	1194266	1192072	0.66	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 13:02:59 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1365361	1282609	1265753	1304574	4.09	cps
Antimony	121-1	5245498	5071048	5198228	5171591	1.74	cps
Arsenic	75-2	164690	162943	159685	162440	1.56	cps
Barium	135-1	7193921	7131668	7024924	7116838	1.20	cps
Barium	137-1	12138482	11843173	12232912	12071522	1.68	cps
Beryllium	9-1	2445424	2395228	2450552	2430401	1.26	cps
Bismuth	209-1	5114707	5677729	5333431	5375289	5.28	cps
Bismuth	209-2	2391653	2277494	2609807	2426318	6.96	cps
Boron	10-1	517194	543339	561022	540518	4.08	cps
Boron	11-1	2188439	2260060	2327371	2258623	3.08	cps
Bromine	81-1	56413	53688	57840	55980	3.77	cps
Cadmium	111-1	1560002	1593348	1639448	1597599	2.50	cps
Cadmium	106-1	173220	178334	175181	175578	1.47	cps
Cadmium	108-1	120334	122573	122299	121736	1.00	cps
Calcium	43-1	2637676	2601223	2593471	2610790	0.90	cps
Calcium	44-1	40138878	38657995	39508435	39435103	1.88	cps
Carbon	12-1	5812202	5853622	5837915	5834580	0.36	cps
Carbon	12-2	70746	71566	70897	71070	0.61	cps
Chlorine	35-1	133301	133024	133403	133243	0.15	cps
Chlorine	35-2	917	958	1108	994	10.14	cps
Chromium	52-2	1851407	1803911	1750683	1802000	2.80	cps
Cobalt	59-2	3187763	3193611	3119262	3166879	1.31	cps
Copper	63-2	24394485	23976430	23280608	23883841	2.36	cps
Dysprosium	156-1	275	267	367	303	18.33	cps
Dysprosium	156-2	107	127	127	120	9.62	cps
Erbium	164-1	108	92	83	94	13.48	cps
Erbium	164-2	20	33	23	26	27.15	cps
Gadolinium	160-1	242	275	208	242	13.79	cps
Gadolinium	160-2	100	150	147	132	21.14	cps
Gold	197-1	67	42	25	44	47.19	cps
Gold	197-2	106	100	106	104	3.10	cps
Holmium	165-1	8451512	9460740	9046963	8986405	5.65	cps
Holmium	165-2	3495438	3337875	3948251	3593855	8.82	cps
Indium	115-1	6582448	7154035	6982948	6906477	4.25	cps
Indium	115-2	945856	889826	1048482	961388	8.37	cps
Iron	56-2	77454391	75284324	74340554	75693090	2.11	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:02:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1961714	1909317	1879509	1916847	2.17	cps
Iron	54-2	4333966	4253736	4107635	4231779	2.71	cps
Krypton	83-1	510	504	517	510	1.35	cps
Lead	206-1	23127005	23589694	23695668	23470789	1.29	cps
Lead	207-1	21481363	21218275	20954361	21218000	1.24	cps
Lead	208-1	95488195	97904646	94533147	95975329	1.81	cps
Lithium	6-1	4470433	4800965	4559775	4610391	3.71	cps
Magnesium	24-2	16965417	16913781	16421065	16766754	1.79	cps
Manganese	55-2	9755244	9774424	9514534	9681401	1.50	cps
Molybdenum	94-1	22356660	21805614	22402985	22188420	1.50	cps
Molybdenum	95-1	32570760	30815043	31533061	31639622	2.79	cps
Molybdenum	96-1	34372893	33925217	33872306	34056806	0.81	cps
Molybdenum	97-1	19670406	19434897	19576371	19560558	0.61	cps
Molybdenum	98-1	50144984	48952960	49206481	49434809	1.27	cps
Neodymium	150-1	693	587	733	671	11.30	cps
Neodymium	150-2	33	30	53	39	32.45	cps
Nickel	60-2	814214	810629	795727	806857	1.22	cps
Phosphorus	31-2	76058	76049	73461	75190	1.99	cps
Potassium	39-2	5974887	5829292	5771494	5858558	1.79	cps
Rhodium	103-1	6341980	6801042	6802137	6648386	3.99	cps
Rhodium	103-2	2717205	2641646	2980028	2779626	6.39	cps
Scandium	45-1	5222147	5599513	5661813	5494491	4.33	cps
Scandium	45-2	175177	164867	192979	177674	8.00	cps
Selenium	77-2	4291	4241	4321	4284	0.94	cps
Selenium	78-2	14082	14027	13967	14026	0.41	cps
Selenium	82-1	132173	134071	135081	133775	1.10	cps
Silicon	28-1	24289473	23900109	24408726	24199436	1.10	cps
Silver	107-1	8314798	8160134	7906301	8127078	2.54	cps
Silver	109-1	7382811	7595819	7501384	7493338	1.42	cps
Sodium	23-2	32020943	32271946	31386776	31893222	1.43	cps
Strontium	86-1	52052888	53219353	53256285	52842842	1.30	cps
Strontium	88-1	459704460	440958310	452043860	450902210	2.09	cps
Sulfur	34-1	1148681	1149827	1178424	1158977	1.45	cps
Terbium	159-1	8805470	9310641	9008354	9041488	2.81	cps
Terbium	159-2	3412463	3140450	3842691	3465201	10.22	cps
Thallium	203-1	5654065	5516640	5482973	5551226	1.63	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:02:59	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	13212958	13357648	13237040	13269215	0.58	cps
Tin	118-1	5154468	4887803	5043045	5028439	2.66	cps
Titanium	47-1	10018792	10107304	10180900	10102332	0.80	cps
Uranium	238-1	18840053	18425074	18474984	18580037	1.22	cps
Vanadium	51-2	1463105	1464342	1418124	1448524	1.82	cps
Ytterbium	172-1	75	100	108	94	18.37	cps
Ytterbium	172-2	61	17	44	41	55.10	cps
Ytterbium	176-1	14241	13632	14458	14111	3.03	cps
Ytterbium	176-2	10599	10566	11605	10923	5.41	cps
Yttrium	89-1	11940089	13008076	12437644	12461937	4.29	cps
Yttrium	89-2	1262217	1174045	1378258	1271507	8.06	cps
Zinc	66-2	2863102	2786725	2774116	2807981	1.71	cps
Zirconium	90-1	11241292	11289137	11090726	11207052	0.92	cps
Zirconium	91-1	2504722	2503592	2496671	2501662	0.17	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:06:05	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6217278	6157847	6056859	6143994	1.32	cps
Antimony	121-1	4026	4568	4893	4495	9.74	cps
Arsenic	75-2	129	117	94	113	15.69	cps
Barium	135-1	2909	2409	2867	2728	10.17	cps
Barium	137-1	5185	4876	4893	4984	3.48	cps
Beryllium	9-1	294	265	319	292	9.19	cps
Bismuth	209-1	5038171	4902590	4730617	4890459	3.15	cps
Bismuth	209-2	2240295	2262968	2203822	2235695	1.33	cps
Boron	10-1	38805	34834	30942	34861	11.28	cps
Boron	11-1	171284	157557	138586	155809	10.54	cps
Bromine	81-1	57085	55950	57257	56764	1.25	cps
Cadmium	111-1	3319	3274	3009	3201	5.24	cps
Cadmium	106-1	4376	4401	4084	4287	4.11	cps
Cadmium	108-1	75	63	83	74	14.24	cps
Calcium	43-1	11420360	10972563	10757059	11049994	3.06	cps
Calcium	44-1	179427542	180026952	173048844	177501113	2.18	cps
Carbon	12-1	4331447	4422737	4398196	4384127	1.08	cps
Carbon	12-2	57203	57857	59287	58116	1.83	cps
Chlorine	35-1	143043	140822	142505	142123	0.82	cps
Chlorine	35-2	1125	1108	1025	1086	4.93	cps
Chromium	52-2	5038	5244	5011	5098	2.51	cps
Cobalt	59-2	11578	11351	11011	11313	2.52	cps
Copper	63-2	4571	4814	4798	4728	2.88	cps
Dysprosium	156-1	692	800	808	767	8.49	cps
Dysprosium	156-2	277	210	237	241	13.92	cps
Erbium	164-1	67	42	117	75	50.92	cps
Erbium	164-2	7	17	37	20	76.36	cps
Gadolinium	160-1	542	542	583	556	4.33	cps
Gadolinium	160-2	227	300	290	272	14.61	cps
Gold	197-1	33	0	8	14	124.91	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9215035	8959960	8177463	8784153	6.16	cps
Holmium	165-2	3666097	3761429	3592248	3673258	2.31	cps
Indium	115-1	7093927	6768859	6544555	6802447	4.06	cps
Indium	115-2	964994	977501	967321	969939	0.69	cps
Iron	56-2	349726752	341002319	345222563	345317211	1.26	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:06:05	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	8563823	8827935	8408913	8600224	2.46	cps
Iron	54-2	19937552	19798173	18595521	19443749	3.79	cps
Krypton	83-1	495	514	526	512	3.07	cps
Lead	206-1	3978	3834	3912	3908	1.85	cps
Lead	207-1	3639	3595	3289	3508	5.43	cps
Lead	208-1	15743	15415	15320	15493	1.43	cps
Lithium	6-1	4491696	4437515	4145587	4358266	4.27	cps
Magnesium	24-2	80838479	81252179	79359006	80483221	1.24	cps
Manganese	55-2	5595	5401	5101	5366	4.63	cps
Molybdenum	94-1	8161	7927	7469	7852	4.48	cps
Molybdenum	95-1	11397	10137	8703	10079	13.37	cps
Molybdenum	96-1	26952	24940	24180	25357	5.65	cps
Molybdenum	97-1	7402	6535	5818	6585	12.05	cps
Molybdenum	98-1	16819	14666	13891	15125	10.03	cps
Neodymium	150-1	67	67	47	60	19.24	cps
Neodymium	150-2	13	13	20	16	24.76	cps
Nickel	60-2	3067	3210	3190	3156	2.46	cps
Phosphorus	31-2	633	767	700	700	9.52	cps
Potassium	39-2	28447788	28589977	28174960	28404242	0.74	cps
Rhodium	103-1	6480601	6163498	5862774	6168958	5.01	cps
Rhodium	103-2	2486991	2622795	2617019	2575602	2.98	cps
Scandium	45-1	5659750	5496372	5235073	5463732	3.92	cps
Scandium	45-2	177664	181281	180811	179919	1.09	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	84	84	78	82	4.22	cps
Selenium	82-1	252	259	155	222	26.20	cps
Silicon	28-1	881365	902061	880452	887959	1.38	cps
Silver	107-1	2250	2184	2309	2247	2.78	cps
Silver	109-1	1967	2059	1859	1961	5.11	cps
Sodium	23-2	151222195	152174674	147593599	150330156	1.61	cps
Strontium	86-1	12631	12564	12064	12420	2.50	cps
Strontium	88-1	101847	104081	97298	101075	3.42	cps
Sulfur	34-1	327804	333057	343407	334756	2.37	cps
Terbium	159-1	9640561	8988445	8428406	9019137	6.73	cps
Terbium	159-2	3505823	3529911	3418722	3484819	1.68	cps
Thallium	203-1	1792	1809	2000	1867	6.20	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:06:05	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	4701	4651	4309	4554	4.68	cps
Tin	118-1	5901	5643	5493	5679	3.64	cps
Titanium	47-1	1100	1092	1167	1120	3.67	cps
Uranium	238-1	817	817	892	842	5.15	cps
Vanadium	51-2	403	433	357	398	9.71	cps
Ytterbium	172-1	100	125	133	119	14.53	cps
Ytterbium	172-2	83	94	72	83	13.34	cps
Ytterbium	176-1	1517	1600	1358	1492	8.23	cps
Ytterbium	176-2	5979	6518	6168	6222	4.40	cps
Yttrium	89-1	12344176	12401247	11745061	12163495	2.99	cps
Yttrium	89-2	1262180	1263750	1283497	1269809	0.94	cps
Zinc	66-2	2284	2330	2260	2291	1.56	cps
Zirconium	90-1	4209	4434	4609	4417	4.54	cps
Zirconium	91-1	1042	1033	975	1017	3.57	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P8
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:37:07	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32270	32573	32545	32463	0.52	cps
Antimony	121-1	1022196	1027866	1020195	1023419	0.39	cps
Arsenic	75-2	34182	34783	34781	34582	1.00	cps
Barium	135-1	129577	135210	134364	133050	2.28	cps
Barium	137-1	233922	240907	232014	235615	1.99	cps
Beryllium	9-1	266747	269339	266092	267392	0.64	cps
Bismuth	209-1	5610085	5668445	5812880	5697137	1.83	cps
Bismuth	209-2	2707753	2692539	2723990	2708094	0.58	cps
Boron	10-1	187258	202920	203129	197769	4.60	cps
Boron	11-1	829758	895625	909248	878210	4.84	cps
Bromine	81-1	59307	58704	57730	58580	1.36	cps
Cadmium	111-1	174151	180518	179608	178092	1.93	cps
Cadmium	106-1	37352	37961	38188	37833	1.14	cps
Cadmium	108-1	21905	20912	21500	21439	2.33	cps
Calcium	43-1	50819	51056	49477	50451	1.69	cps
Calcium	44-1	773986	789843	773726	779185	1.18	cps
Carbon	12-1	4372557	4402809	4347544	4374303	0.63	cps
Carbon	12-2	52001	52955	52536	52497	0.91	cps
Chlorine	35-1	432467	468074	485354	461965	5.84	cps
Chlorine	35-2	3967	4084	4034	4028	1.45	cps
Chromium	52-2	179212	179903	181569	180228	0.67	cps
Cobalt	59-2	322842	320202	325299	322781	0.79	cps
Copper	63-2	244072	241864	238293	241410	1.21	cps
Dysprosium	156-1	42	0	8	17	132.30	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	43	17	20	27	54.47	cps
Gadolinium	160-1	58	33	92	61	47.90	cps
Gadolinium	160-2	57	70	47	58	20.26	cps
Gold	197-1	33	0	25	19	89.21	cps
Gold	197-2	56	83	89	76	23.52	cps
Holmium	165-1	8408228	8760506	8750395	8639710	2.32	cps
Holmium	165-2	3751990	3684107	3779217	3738438	1.31	cps
Indium	115-1	7308005	6951665	7086879	7115516	2.53	cps
Indium	115-2	1019715	995977	1046427	1020706	2.47	cps
Iron	56-2	3089260	3190840	3153922	3144674	1.64	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P8
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:37:07	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	72953	74327	73188	73489	1.00	cps
Iron	54-2	169203	169823	169046	169357	0.24	cps
Krypton	83-1	520	474	440	478	8.40	cps
Lead	206-1	918130	971692	948164	945996	2.84	cps
Lead	207-1	755872	790869	773565	773435	2.26	cps
Lead	208-1	3722581	3942600	3937496	3867559	3.25	cps
Lithium	6-1	4884870	4858912	4838462	4860748	0.48	cps
Magnesium	24-2	205819	203969	200924	203571	1.21	cps
Manganese	55-2	98545	97595	96669	97603	0.96	cps
Molybdenum	94-1	10565976	10816544	10925093	10769204	1.71	cps
Molybdenum	95-1	15449200	15928425	15526853	15634826	1.65	cps
Molybdenum	96-1	17123161	16918098	17233727	17091662	0.94	cps
Molybdenum	97-1	9516184	9439805	9492543	9482844	0.41	cps
Molybdenum	98-1	24530459	24897023	24553477	24660320	0.83	cps
Neodymium	150-1	40	7	13	20	88.19	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	91372	91248	90335	90985	0.62	cps
Phosphorus	31-2	750	733	692	725	4.14	cps
Potassium	39-2	247699	246957	244456	246371	0.69	cps
Rhodium	103-1	7105120	6798491	7032258	6978623	2.30	cps
Rhodium	103-2	3003972	2785956	3112821	2967583	5.61	cps
Scandium	45-1	5452401	5542350	5612004	5535585	1.45	cps
Scandium	45-2	184313	182708	188209	185076	1.53	cps
Selenium	77-2	873	960	957	930	5.28	cps
Selenium	78-2	3070	3143	3193	3135	1.97	cps
Selenium	82-1	28710	29274	28922	28969	0.98	cps
Silicon	28-1	3231901	3264695	3271406	3256001	0.65	cps
Silver	107-1	404417	414937	407419	408925	1.33	cps
Silver	109-1	385938	377777	384328	382681	1.13	cps
Sodium	23-2	662972	671484	648756	661071	1.74	cps
Strontium	86-1	1037185	1041685	1036830	1038567	0.26	cps
Strontium	88-1	9021191	9116545	8947678	9028471	0.94	cps
Sulfur	34-1	362190	363693	350534	358806	2.01	cps
Terbium	159-1	8936695	8892270	9283642	9037536	2.37	cps
Terbium	159-2	3698856	3491954	3633526	3608112	2.93	cps
Thallium	203-1	1125939	1162675	1157931	1148848	1.74	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P8
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:37:07	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2847161	2932304	2927246	2902237	1.65	cps
Tin	118-1	2520762	2648038	2709038	2625946	3.66	cps
Titanium	47-1	5106536	5015631	5035236	5052467	0.95	cps
Uranium	238-1	9951289	10267981	10346495	10188588	2.05	cps
Vanadium	51-2	139819	141042	136994	139285	1.49	cps
Ytterbium	172-1	100	67	75	81	21.53	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	7544	7044	7636	7408	4.30	cps
Ytterbium	176-2	8870	9042	9615	9176	4.25	cps
Yttrium	89-1	12403320	12142190	11876686	12140732	2.17	cps
Yttrium	89-2	1297004	1283401	1384891	1321765	4.17	cps
Zinc	66-2	58246	58895	59391	58844	0.98	cps
Zirconium	90-1	5584252	5410023	5523436	5505904	1.61	cps
Zirconium	91-1	1189502	1214885	1205348	1203245	1.07	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:56:15	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1417	1410	1336	1388	3.24	cps
Antimony	121-1	9854	9670	10046	9857	1.90	cps
Arsenic	75-2	145	189	193	176	15.16	cps
Barium	135-1	12756	12614	13332	12901	2.94	cps
Barium	137-1	23838	22227	21727	22597	4.88	cps
Beryllium	9-1	2842	2791	2787	2807	1.09	cps
Bismuth	209-1	5591928	5629141	5464439	5561836	1.55	cps
Bismuth	209-2	2597074	2619092	2714053	2643406	2.35	cps
Boron	10-1	11326	11828	12331	11828	4.25	cps
Boron	11-1	49668	51690	53484	51614	3.70	cps
Bromine	81-1	57951	58462	62796	59736	4.46	cps
Cadmium	111-1	4763	4309	4267	4446	6.19	cps
Cadmium	106-1	4626	3967	3884	4159	9.77	cps
Cadmium	108-1	138	175	146	153	12.89	cps
Calcium	43-1	10765	11193	11114	11024	2.07	cps
Calcium	44-1	187095	182377	184883	184785	1.28	cps
Carbon	12-1	3914190	3899004	3855998	3889731	0.78	cps
Carbon	12-2	45095	45062	44493	44883	0.75	cps
Chlorine	35-1	139047	139072	139334	139151	0.11	cps
Chlorine	35-2	1142	1050	992	1061	7.13	cps
Chromium	52-2	4211	3857	4031	4033	4.38	cps
Cobalt	59-2	3370	3227	3194	3264	2.88	cps
Copper	63-2	5865	6065	5584	5838	4.13	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	42	33	50	44.10	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	108	50	133	97	43.99	cps
Gadolinium	160-2	90	77	77	81	9.49	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9271143	8715250	8493657	8826683	4.54	cps
Holmium	165-2	3754927	3729048	3771478	3751818	0.57	cps
Indium	115-1	7287682	7251057	7073544	7204094	1.59	cps
Indium	115-2	1064751	1061560	1079736	1068683	0.91	cps
Iron	56-2	77979	76254	77019	77084	1.12	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:56:15	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2195	2111	1950	2085	5.96	cps
Iron	54-2	5590	5140	5051	5260	5.49	cps
Krypton	83-1	479	457	457	465	2.64	cps
Lead	206-1	4707	5218	4984	4970	5.15	cps
Lead	207-1	4112	4506	4312	4310	4.58	cps
Lead	208-1	19228	20212	19940	19793	2.57	cps
Lithium	6-1	4980681	4796969	4685278	4820976	3.09	cps
Magnesium	24-2	88980	88502	83716	87066	3.34	cps
Manganese	55-2	1110	1083	1093	1096	1.23	cps
Molybdenum	94-1	12815	12856	12865	12845	0.21	cps
Molybdenum	95-1	15834	15676	16352	15954	2.21	cps
Molybdenum	96-1	17036	17194	17278	17169	0.72	cps
Molybdenum	97-1	9579	9770	10146	9832	2.93	cps
Molybdenum	98-1	24881	24564	24314	24586	1.16	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	980	987	967	978	1.04	cps
Phosphorus	31-2	858	850	808	839	3.19	cps
Potassium	39-2	75263	75197	74527	74996	0.54	cps
Rhodium	103-1	7355712	6950017	6785860	7030529	4.17	cps
Rhodium	103-2	3166433	3110371	3014123	3096976	2.49	cps
Scandium	45-1	5802960	5456064	5251171	5503398	5.07	cps
Scandium	45-2	189251	187898	191575	189575	0.98	cps
Selenium	77-2	23	23	20	22	8.65	cps
Selenium	78-2	155	144	150	150	3.68	cps
Selenium	82-1	765	756	747	756	1.16	cps
Silicon	28-1	790017	786945	775671	784211	0.96	cps
Silver	107-1	8203	8153	7886	8080	2.11	cps
Silver	109-1	7519	8019	7944	7827	3.45	cps
Sodium	23-2	176215	177768	174220	176068	1.01	cps
Strontium	86-1	3192	2825	2775	2931	7.76	cps
Strontium	88-1	18262	18037	17353	17884	2.65	cps
Sulfur	34-1	374942	371402	377923	374756	0.87	cps
Terbium	159-1	9523915	9509608	8793104	9275543	4.51	cps
Terbium	159-2	3660315	3650132	3736320	3682256	1.28	cps
Thallium	203-1	5768	5676	5360	5601	3.83	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:56:15	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	12707	13057	13291	13018	2.26	cps
Tin	118-1	25441	25324	25683	25483	0.72	cps
Titanium	47-1	5518	5501	4926	5315	6.34	cps
Uranium	238-1	16795	17162	16995	16984	1.08	cps
Vanadium	51-2	6968	7155	7038	7054	1.34	cps
Ytterbium	172-1	33	75	50	53	39.74	cps
Ytterbium	172-2	28	28	11	22	43.31	cps
Ytterbium	176-1	1442	1383	1192	1339	9.77	cps
Ytterbium	176-2	6485	6941	6635	6687	3.47	cps
Yttrium	89-1	12533465	12371133	12203143	12369247	1.34	cps
Yttrium	89-2	1367489	1301377	1382791	1350552	3.20	cps
Zinc	66-2	933	877	803	871	7.48	cps
Zirconium	90-1	11055	10446	10504	10668	3.15	cps
Zirconium	91-1	2509	2592	2234	2445	7.67	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : ICB06 Instrumnet Name : P8
 Client Sample ID : ICB06 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 13:59:25 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84	95	84	87	7.42	cps
Antimony	121-1	92	75	67	78	16.37	cps
Arsenic	75-2	8	8	8	8	0.00	cps
Barium	135-1	8	17	25	17	50.01	cps
Barium	137-1	33	42	58	44	28.64	cps
Beryllium	9-1	26	31	36	31	16.00	cps
Bismuth	209-1	5430431	5443800	5453709	5442646	0.21	cps
Bismuth	209-2	2899131	2996801	2840411	2912114	2.71	cps
Boron	10-1	2938	2844	2716	2832	3.93	cps
Boron	11-1	12955	12173	11738	12289	5.02	cps
Bromine	81-1	58846	58042	59910	58933	1.59	cps
Cadmium	111-1	2818	2728	2592	2712	4.19	cps
Cadmium	106-1	4059	3926	3726	3903	4.30	cps
Cadmium	108-1	46	58	29	44	32.92	cps
Calcium	43-1	249	245	231	242	3.81	cps
Calcium	44-1	9600	9625	9633	9619	0.18	cps
Carbon	12-1	4024394	4062674	3958384	4015150	1.31	cps
Carbon	12-2	48480	48949	49233	48887	0.78	cps
Chlorine	35-1	134303	133311	133167	133593	0.46	cps
Chlorine	35-2	1100	1033	867	1000	12.02	cps
Chromium	52-2	630	683	710	674	6.04	cps
Cobalt	59-2	40	60	30	43	35.25	cps
Copper	63-2	1107	1117	1013	1079	5.28	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	25	17	33	66.13	cps
Erbium	164-2	27	13	3	14	81.07	cps
Gadolinium	160-1	117	75	125	106	25.38	cps
Gadolinium	160-2	100	80	103	94	13.36	cps
Gold	197-1	0	0	17	6	173.21	cps
Gold	197-2	17	0	0	6	173.21	cps
Holmium	165-1	9013464	8784744	8949234	8915814	1.32	cps
Holmium	165-2	3848726	4045633	3673523	3855961	4.83	cps
Indium	115-1	7243557	7340362	6910522	7164814	3.15	cps
Indium	115-2	1142442	1159255	1107572	1136423	2.32	cps
Iron	56-2	5090	5523	5384	5333	4.15	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICB06	Instrumnet Name :	P8
Client Sample ID :	ICB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:59:25	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	178	156	167	167	6.67	cps
Iron	54-2	1000	928	856	928	7.78	cps
Krypton	83-1	475	466	461	467	1.49	cps
Lead	206-1	772	561	522	619	21.75	cps
Lead	207-1	539	511	639	563	11.94	cps
Lead	208-1	2545	2411	2445	2467	2.81	cps
Lithium	6-1	4828321	4840956	4842605	4837294	0.16	cps
Magnesium	24-2	550	500	375	475	18.98	cps
Manganese	55-2	97	83	97	92	8.35	cps
Molybdenum	94-1	258	158	175	197	27.16	cps
Molybdenum	95-1	183	167	167	172	5.59	cps
Molybdenum	96-1	200	408	250	286	38.01	cps
Molybdenum	97-1	67	67	125	86	39.11	cps
Molybdenum	98-1	175	167	250	197	23.27	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	77	80	97	84	12.69	cps
Phosphorus	31-2	767	708	742	739	3.96	cps
Potassium	39-2	20198	20490	19781	20156	1.77	cps
Rhodium	103-1	7042271	7107602	7047320	7065731	0.51	cps
Rhodium	103-2	3344576	3348409	3164315	3285767	3.20	cps
Scandium	45-1	5608818	5617968	5647301	5624696	0.36	cps
Scandium	45-2	199416	208197	196743	201452	2.97	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	78	63	73	71	10.71	cps
Selenium	82-1	46	21	50	39	39.90	cps
Silicon	28-1	719448	724238	732158	725281	0.88	cps
Silver	107-1	133	167	100	133	25.00	cps
Silver	109-1	50	50	67	56	17.32	cps
Sodium	23-2	21249	19831	20682	20587	3.47	cps
Strontium	86-1	775	725	900	800	11.27	cps
Strontium	88-1	242	325	300	289	14.80	cps
Sulfur	34-1	376656	364820	367196	369557	1.69	cps
Terbium	159-1	8819450	8996913	9171329	8995898	1.96	cps
Terbium	159-2	3934938	3945139	3848786	3909621	1.35	cps
Thallium	203-1	333	325	458	372	20.07	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICB06	Instrumnet Name :	P8
Client Sample ID :	ICB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 13:59:25	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	992	892	683	856	18.39	cps
Tin	118-1	2167	2668	1992	2276	15.42	cps
Titanium	47-1	250	275	283	269	6.44	cps
Uranium	238-1	33	8	33	25	57.74	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Ytterbium	172-1	42	42	83	56	43.30	cps
Ytterbium	172-2	17	17	33	22	43.28	cps
Ytterbium	176-1	1225	1350	1283	1286	4.86	cps
Ytterbium	176-2	6785	7213	6913	6970	3.15	cps
Yttrium	89-1	12319456	12188012	12324966	12277478	0.63	cps
Yttrium	89-2	1512734	1498471	1428273	1479826	3.06	cps
Zinc	66-2	300	213	147	220	34.95	cps
Zirconium	90-1	583	500	500	528	9.12	cps
Zirconium	91-1	42	100	158	100	58.33	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : ICSA06 Instrumnet Name : P8
 Client Sample ID : ICSA06 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 14:02:36 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6383439	6818457	6462222	6554706	3.54	cps
Antimony	121-1	5801	6285	6177	6088	4.17	cps
Arsenic	75-2	52	64	57	58	10.45	cps
Barium	135-1	1967	2350	2234	2184	9.00	cps
Barium	137-1	3684	3809	3684	3726	1.94	cps
Beryllium	9-1	805	790	712	769	6.45	cps
Bismuth	209-1	5621343	5621753	5552331	5598476	0.71	cps
Bismuth	209-2	2637041	2575292	2743707	2652013	3.21	cps
Boron	10-1	2764	2602	2668	2678	3.04	cps
Boron	11-1	12001	11760	11532	11764	1.99	cps
Bromine	81-1	63087	63229	63852	63389	0.64	cps
Cadmium	111-1	3742	3664	3511	3639	3.24	cps
Cadmium	106-1	4201	4334	4092	4209	2.88	cps
Cadmium	108-1	1492	1504	1500	1499	0.42	cps
Calcium	43-1	2470859	2495147	2517758	2494588	0.94	cps
Calcium	44-1	39176552	39298550	39632126	39369076	0.60	cps
Carbon	12-1	26117591	26240517	25927875	26095327	0.60	cps
Carbon	12-2	293298	292743	294045	293362	0.22	cps
Chlorine	35-1	14899219	17503017	19565479	17322572	13.50	cps
Chlorine	35-2	174334	183740	191462	183179	4.68	cps
Chromium	52-2	38181	37496	37269	37649	1.26	cps
Cobalt	59-2	4037	3914	4064	4005	2.00	cps
Copper	63-2	20515	20098	20488	20367	1.15	cps
Dysprosium	156-1	67	17	25	36	74.18	cps
Dysprosium	156-2	17	13	3	11	62.48	cps
Erbium	164-1	33	58	50	47	26.96	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	117	75	117	103	23.41	cps
Gadolinium	160-2	83	97	70	83	16.00	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9209463	9416027	9205213	9276901	1.30	cps
Holmium	165-2	4095045	3937094	3984067	4005402	2.02	cps
Indium	115-1	7419671	7246155	7798470	7488099	3.77	cps
Indium	115-2	1127391	1106305	1106496	1113397	1.09	cps
Iron	56-2	160385976	159948654	158277576	159537402	0.70	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P8
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:02:36	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4088192	3928893	4167582	4061556	2.99	cps
Iron	54-2	8722663	9006254	8853653	8860857	1.60	cps
Krypton	83-1	462	520	502	495	5.96	cps
Lead	206-1	25069	25002	25503	25192	1.08	cps
Lead	207-1	20099	20366	20561	20342	1.14	cps
Lead	208-1	94919	96788	97138	96282	1.24	cps
Lithium	6-1	4846048	4955328	4810856	4870744	1.55	cps
Magnesium	24-2	17130881	17243730	17032365	17135659	0.62	cps
Manganese	55-2	8012	7902	7872	7929	0.93	cps
Molybdenum	94-1	3731428	3834211	3704936	3756858	1.82	cps
Molybdenum	95-1	6692764	6638213	6284328	6538435	3.39	cps
Molybdenum	96-1	7145946	7044565	7014449	7068320	0.97	cps
Molybdenum	97-1	4091149	4117670	3989480	4066100	1.66	cps
Molybdenum	98-1	10631211	10277512	10205827	10371517	2.20	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	4888	4734	4704	4775	2.06	cps
Phosphorus	31-2	394199	394704	394820	394574	0.08	cps
Potassium	39-2	12424972	12360448	12518659	12434693	0.64	cps
Rhodium	103-1	7100259	7005729	6917719	7007902	1.30	cps
Rhodium	103-2	3115044	3075540	3129274	3106620	0.90	cps
Scandium	45-1	5964303	5965159	5939195	5956219	0.25	cps
Scandium	45-2	202439	203425	202834	202899	0.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	75	60	90	75	20.00	cps
Selenium	82-1	139	-6	85	72	101.11	cps
Silicon	28-1	896077	876671	857322	876690	2.21	cps
Silver	107-1	258	258	283	267	5.41	cps
Silver	109-1	175	167	217	186	14.39	cps
Sodium	23-2	33279604	34035285	33103207	33472699	1.48	cps
Strontium	86-1	77424	75623	75765	76270	1.31	cps
Strontium	88-1	650324	643060	654387	649257	0.88	cps
Sulfur	34-1	4460487	4586242	4517477	4521402	1.39	cps
Terbium	159-1	9616808	9636064	9569645	9607506	0.36	cps
Terbium	159-2	3876323	3945303	3897473	3906366	0.90	cps
Thallium	203-1	1283	1467	1792	1514	17.01	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P8
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:02:36	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	3276	3442	3976	3564	10.26	cps
Tin	118-1	4284	4192	4392	4290	2.33	cps
Titanium	47-1	2257690	2276071	2290658	2274806	0.73	cps
Uranium	238-1	258	417	242	306	31.61	cps
Vanadium	51-2	247	203	260	237	12.52	cps
Ytterbium	172-1	42	50	42	44	10.82	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	1500	1225	1683	1470	15.70	cps
Ytterbium	176-2	6507	6780	6746	6678	2.23	cps
Yttrium	89-1	13354879	13265521	13265506	13295302	0.39	cps
Yttrium	89-2	1487447	1485457	1514542	1495815	1.09	cps
Zinc	66-2	3397	3414	3330	3380	1.30	cps
Zirconium	90-1	658	733	767	719	7.71	cps
Zirconium	91-1	108	150	150	136	17.67	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P8
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:06:23	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6863147	6864089	6764957	6830731	0.83	cps
Antimony	121-1	118034	119951	117774	118586	1.00	cps
Arsenic	75-2	3760	3690	3616	3689	1.95	cps
Barium	135-1	31955	33175	33116	32749	2.10	cps
Barium	137-1	55750	56017	54712	55493	1.24	cps
Beryllium	9-1	54217	54193	54188	54200	0.03	cps
Bismuth	209-1	5741776	5534565	5823141	5699827	2.61	cps
Bismuth	209-2	2130722	2584242	2744495	2486487	12.80	cps
Boron	10-1	23368	24514	24033	23971	2.40	cps
Boron	11-1	104656	108619	111296	108190	3.09	cps
Bromine	81-1	68218	68812	68087	68372	0.57	cps
Cadmium	111-1	38296	38379	37409	38028	1.41	cps
Cadmium	106-1	9078	9629	9203	9303	3.10	cps
Cadmium	108-1	4655	4542	4526	4574	1.54	cps
Calcium	43-1	2592550	2568527	2611390	2590822	0.83	cps
Calcium	44-1	40807143	41283307	42573681	41554710	2.20	cps
Carbon	12-1	27051511	26883888	26969836	26968412	0.31	cps
Carbon	12-2	305621	306362	304299	305427	0.34	cps
Chlorine	35-1	21504891	24891918	26583345	24326718	10.63	cps
Chlorine	35-2	226182	228686	234333	229734	1.82	cps
Chromium	52-2	79235	77720	75137	77364	2.68	cps
Cobalt	59-2	73626	72865	70259	72250	2.44	cps
Copper	63-2	71643	70263	70578	70828	1.02	cps
Dysprosium	156-1	17	50	42	36	48.03	cps
Dysprosium	156-2	0	20	20	13	86.60	cps
Erbium	164-1	33	50	83	56	45.83	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	75	92	117	94	22.21	cps
Gadolinium	160-2	63	77	103	81	25.11	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	6	17	11	11	49.99	cps
Holmium	165-1	9259350	9735222	9829677	9608083	3.18	cps
Holmium	165-2	3026259	3940659	4098019	3688312	15.69	cps
Indium	115-1	7750576	8024125	7837519	7870740	1.78	cps
Indium	115-2	867954	1089569	1123613	1027045	13.52	cps
Iron	56-2	170809965	163708937	165174804	166564569	2.25	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P8
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:06:23	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4322119	4066362	3996855	4128445	4.15	cps
Iron	54-2	9406412	9294455	8929786	9210218	2.71	cps
Krypton	83-1	529	490	520	513	3.96	cps
Lead	206-1	122504	122268	120728	121833	0.79	cps
Lead	207-1	100131	99863	99374	99789	0.38	cps
Lead	208-1	473699	470585	470344	471542	0.40	cps
Lithium	6-1	4875658	4961869	4894584	4910704	0.92	cps
Magnesium	24-2	18363547	17434247	17330522	17709439	3.21	cps
Manganese	55-2	28936	28649	29000	28861	0.65	cps
Molybdenum	94-1	4130085	4306004	4231880	4222656	2.09	cps
Molybdenum	95-1	6907309	7040076	7113347	7020244	1.49	cps
Molybdenum	96-1	7861251	7407207	7360859	7543106	3.67	cps
Molybdenum	97-1	4334660	4214601	4287779	4279013	1.41	cps
Molybdenum	98-1	11092056	10909245	11200031	11067111	1.33	cps
Neodymium	150-1	67	47	33	49	34.32	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	23934	22879	22718	23177	2.85	cps
Phosphorus	31-2	419574	402428	397335	406446	2.87	cps
Potassium	39-2	13024013	12978233	12705860	12902702	1.33	cps
Rhodium	103-1	7169886	7511585	7644317	7441929	3.29	cps
Rhodium	103-2	2484016	2971189	3111456	2855553	11.53	cps
Scandium	45-1	6222289	6174024	6192634	6196316	0.39	cps
Scandium	45-2	159589	200741	204823	188384	13.28	cps
Selenium	77-2	110	87	93	97	12.43	cps
Selenium	78-2	381	398	404	394	3.03	cps
Selenium	82-1	2899	3096	3115	3037	3.95	cps
Silicon	28-1	1187975	1178923	1195600	1187499	0.70	cps
Silver	107-1	166902	171735	173189	170609	1.93	cps
Silver	109-1	159533	154981	159896	158137	1.73	cps
Sodium	23-2	34524857	34753902	34094307	34457689	0.97	cps
Strontium	86-1	194877	195940	195488	195435	0.27	cps
Strontium	88-1	1686707	1810551	1788943	1762067	3.75	cps
Sulfur	34-1	4725004	4561999	4566593	4617865	2.01	cps
Terbium	159-1	9626762	9654523	10103302	9794862	2.73	cps
Terbium	159-2	3064645	3809460	3924609	3599572	12.97	cps
Thallium	203-1	119576	116644	117114	117778	1.34	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P8
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:06:23	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	285099	291893	284936	287309	1.38	cps
Tin	118-1	287004	291239	277127	285124	2.54	cps
Titanium	47-1	2373699	2389922	2377081	2380234	0.36	cps
Uranium	238-1	1019335	1011779	1015841	1015651	0.37	cps
Vanadium	51-2	31284	31224	31057	31188	0.38	cps
Ytterbium	172-1	58	83	50	64	27.15	cps
Ytterbium	172-2	33	39	33	35	9.12	cps
Ytterbium	176-1	2217	1959	2250	2142	7.45	cps
Ytterbium	176-2	5323	6769	6880	6324	13.73	cps
Yttrium	89-1	13436735	13952448	14340137	13909773	3.26	cps
Yttrium	89-2	1183416	1490458	1496374	1390083	12.88	cps
Zinc	66-2	9653	9420	9130	9401	2.79	cps
Zirconium	90-1	626326	637210	632753	632096	0.87	cps
Zirconium	91-1	143942	143211	141526	142893	0.87	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:09:23	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3469547	3406256	3374315	3416706	1.42	cps
Antimony	121-1	2744880	2717824	2673931	2712211	1.32	cps
Arsenic	75-2	82723	81492	80775	81663	1.21	cps
Barium	135-1	3832570	3823619	3739333	3798507	1.35	cps
Barium	137-1	6563590	6328845	6461498	6451311	1.82	cps
Beryllium	9-1	1286341	1274242	1226094	1262226	2.52	cps
Bismuth	209-1	5494029	5347073	5253650	5364917	2.26	cps
Bismuth	209-2	2373236	2428561	2430149	2410649	1.34	cps
Boron	10-1	268617	272570	279235	273474	1.96	cps
Boron	11-1	1151811	1173786	1164595	1163397	0.95	cps
Bromine	81-1	65542	63671	66207	65140	2.02	cps
Cadmium	111-1	829896	816643	804238	816926	1.57	cps
Cadmium	106-1	93956	94902	94876	94578	0.57	cps
Cadmium	108-1	67306	63048	63445	64600	3.64	cps
Calcium	43-1	6434942	6224018	6450361	6369774	1.99	cps
Calcium	44-1	103538573	102762017	101882582	102727724	0.81	cps
Carbon	12-1	5167772	5181015	5394841	5247876	2.43	cps
Carbon	12-2	65471	65872	63286	64877	2.15	cps
Chlorine	35-1	5182468	4876891	4627073	4895478	5.68	cps
Chlorine	35-2	31284	31343	29029	30552	4.32	cps
Chromium	52-2	922446	904670	882838	903318	2.20	cps
Cobalt	59-2	1689754	1709739	1639674	1679722	2.15	cps
Copper	63-2	12964487	13120346	12591139	12891991	2.11	cps
Dysprosium	156-1	450	467	492	469	4.47	cps
Dysprosium	156-2	183	147	153	161	12.12	cps
Erbium	164-1	108	83	58	83	30.00	cps
Erbium	164-2	17	17	23	19	20.36	cps
Gadolinium	160-1	292	267	317	292	8.57	cps
Gadolinium	160-2	213	233	197	214	8.56	cps
Gold	197-1	33	17	75	42	72.11	cps
Gold	197-2	78	78	83	80	4.02	cps
Holmium	165-1	9552409	9249166	9475825	9425800	1.67	cps
Holmium	165-2	3620749	3709986	3621100	3650612	1.41	cps
Indium	115-1	7635634	7595973	7504374	7578660	0.89	cps
Indium	115-2	1034674	990358	1011096	1012042	2.19	cps
Iron	56-2	200409177	190043471	187859226	192770625	3.48	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:09:23	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4899010	4870970	4809087	4859689	0.95	cps
Iron	54-2	10887789	10460578	10736501	10694956	2.03	cps
Krypton	83-1	541	544	540	542	0.35	cps
Lead	206-1	12698025	12516042	11882182	12365416	3.46	cps
Lead	207-1	11070721	11215449	10748688	11011619	2.17	cps
Lead	208-1	50267798	49960155	48400141	49542698	2.02	cps
Lithium	6-1	4905111	4921189	4690318	4838873	2.66	cps
Magnesium	24-2	41331473	40436826	40149954	40639418	1.52	cps
Manganese	55-2	5138578	5118166	4859856	5038867	3.08	cps
Molybdenum	94-1	11620310	11996218	11884482	11833670	1.63	cps
Molybdenum	95-1	17113232	17965129	17156070	17411477	2.76	cps
Molybdenum	96-1	19103236	18773820	17803879	18560312	3.64	cps
Molybdenum	97-1	10461916	10548987	10208833	10406579	1.70	cps
Molybdenum	98-1	27267753	27935254	26305792	27169600	3.01	cps
Neodymium	150-1	427	420	333	393	13.24	cps
Neodymium	150-2	37	30	27	31	16.37	cps
Nickel	60-2	477797	470143	465823	471254	1.29	cps
Phosphorus	31-2	39872	41359	38385	39872	3.73	cps
Potassium	39-2	15558245	15915435	15361720	15611800	1.80	cps
Rhodium	103-1	6903188	6923180	6962957	6929775	0.44	cps
Rhodium	103-2	2829399	2827526	2837012	2831312	0.18	cps
Scandium	45-1	6281600	6047388	5999895	6109628	2.47	cps
Scandium	45-2	194164	187829	187580	189858	1.97	cps
Selenium	77-2	2350	2214	2134	2232	4.91	cps
Selenium	78-2	7469	7578	7240	7429	2.32	cps
Selenium	82-1	73733	73599	72061	73131	1.27	cps
Silicon	28-1	14038129	13465292	14267917	13923779	2.97	cps
Silver	107-1	4353331	4320893	4148210	4274145	2.58	cps
Silver	109-1	4208081	4088612	3990841	4095845	2.66	cps
Sodium	23-2	83952654	85510371	81497381	83653469	2.42	cps
Strontium	86-1	28678026	28661031	28940933	28759996	0.55	cps
Strontium	88-1	240693655	244039972	238762505	241165378	1.11	cps
Sulfur	34-1	904131	891755	907049	900978	0.90	cps
Terbium	159-1	9820290	9662030	9469717	9650679	1.82	cps
Terbium	159-2	3609347	3616299	3748018	3657888	2.14	cps
Thallium	203-1	3016344	2818206	2899402	2911317	3.42	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:09:23	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7104070	7024119	6766467	6964885	2.53	cps
Tin	118-1	2704301	2741547	2676947	2707598	1.20	cps
Titanium	47-1	5785077	5615600	5614294	5671657	1.73	cps
Uranium	238-1	9878350	9824006	9946687	9883014	0.62	cps
Vanadium	51-2	756560	749912	730789	745754	1.79	cps
Ytterbium	172-1	175	92	175	147	32.68	cps
Ytterbium	172-2	28	22	83	44	76.03	cps
Ytterbium	176-1	8595	7911	7769	8092	5.46	cps
Ytterbium	176-2	8798	9053	8542	8798	2.91	cps
Yttrium	89-1	13629527	13651369	13287922	13522939	1.51	cps
Yttrium	89-2	1433141	1343649	1330821	1369204	4.07	cps
Zinc	66-2	1473166	1441883	1329214	1414755	5.35	cps
Zirconium	90-1	5928242	6150014	6125767	6068008	2.00	cps
Zirconium	91-1	1354572	1392812	1349477	1365620	1.73	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:19:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111	101	114	109	6.08	cps
Antimony	121-1	208	358	550	372	46.01	cps
Arsenic	75-2	9	8	8	8	6.93	cps
Barium	135-1	25	17	0	14	91.65	cps
Barium	137-1	50	25	58	44	39.03	cps
Beryllium	9-1	57	59	69	62	10.00	cps
Bismuth	209-1	6131633	6186827	5628457	5982306	5.14	cps
Bismuth	209-2	2823439	2858506	2903231	2861726	1.40	cps
Boron	10-1	4092	4082	4212	4128	1.75	cps
Boron	11-1	18842	18826	18720	18796	0.35	cps
Bromine	81-1	62324	61308	63409	62347	1.69	cps
Cadmium	111-1	2966	3157	2736	2953	7.15	cps
Cadmium	106-1	4226	4459	3917	4201	6.47	cps
Cadmium	108-1	13	8	21	14	45.83	cps
Calcium	43-1	259	297	264	273	7.71	cps
Calcium	44-1	10591	10802	10275	10556	2.51	cps
Carbon	12-1	4231256	4239806	4214419	4228494	0.31	cps
Carbon	12-2	48238	49150	49208	48865	1.11	cps
Chlorine	35-1	1018634	1021385	994032	1011351	1.49	cps
Chlorine	35-2	7285	7227	7360	7291	0.92	cps
Chromium	52-2	693	640	577	637	9.17	cps
Cobalt	59-2	40	43	50	44	11.46	cps
Copper	63-2	1503	1640	1630	1591	4.79	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	33	42	47	36.74	cps
Erbium	164-2	33	13	10	19	66.81	cps
Gadolinium	160-1	50	67	75	64	19.92	cps
Gadolinium	160-2	67	113	100	93	25.75	cps
Gold	197-1	17	17	0	11	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9583122	9921129	8895405	9466552	5.52	cps
Holmium	165-2	4006824	3867253	4030579	3968219	2.22	cps
Indium	115-1	8482270	8247070	7432947	8054096	6.84	cps
Indium	115-2	1146224	1142485	1146381	1145030	0.19	cps
Iron	56-2	5957	5968	6396	6107	4.10	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:19:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	178	244	161	194	22.68	cps
Iron	54-2	883	933	989	935	5.65	cps
Krypton	83-1	496	474	485	485	2.32	cps
Lead	206-1	822	783	956	854	10.58	cps
Lead	207-1	678	822	661	720	12.30	cps
Lead	208-1	3267	3478	3372	3372	3.13	cps
Lithium	6-1	5150464	5052849	4801225	5001513	3.60	cps
Magnesium	24-2	617	642	625	628	2.03	cps
Manganese	55-2	120	90	60	90	33.33	cps
Molybdenum	94-1	650	575	508	578	12.27	cps
Molybdenum	95-1	650	617	675	647	4.52	cps
Molybdenum	96-1	708	817	633	719	12.81	cps
Molybdenum	97-1	375	300	300	325	13.32	cps
Molybdenum	98-1	917	983	758	886	13.04	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	90	60	80	21.65	cps
Phosphorus	31-2	692	683	775	717	7.07	cps
Potassium	39-2	21316	20089	21241	20882	3.29	cps
Rhodium	103-1	7806403	7965939	7173703	7648682	5.48	cps
Rhodium	103-2	3425614	3338012	3400673	3388100	1.33	cps
Scandium	45-1	6311241	6153421	5791859	6085507	4.38	cps
Scandium	45-2	201933	203350	202354	202546	0.36	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	76	70	79	75	6.11	cps
Selenium	82-1	65	33	75	57	38.64	cps
Silicon	28-1	720580	724072	733230	725960	0.90	cps
Silver	107-1	142	208	142	164	23.49	cps
Silver	109-1	117	83	117	106	18.23	cps
Sodium	23-2	27660	27894	28495	28016	1.54	cps
Strontium	86-1	825	842	883	850	3.54	cps
Strontium	88-1	458	833	517	603	33.48	cps
Sulfur	34-1	364023	358951	354580	359185	1.32	cps
Terbium	159-1	9987780	10204136	9397006	9862974	4.24	cps
Terbium	159-2	3977019	3816066	3962967	3918684	2.27	cps
Thallium	203-1	1183	1383	1242	1270	8.10	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:19:32	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2784	2809	2625	2739	3.63	cps
Tin	118-1	19510	2275	2234	8006	124.43	cps
Titanium	47-1	208	250	208	222	10.83	cps
Uranium	238-1	17	58	50	42	52.91	cps
Vanadium	51-2	0	13	7	7	99.98	cps
Ytterbium	172-1	33	50	58	47	26.96	cps
Ytterbium	172-2	17	39	39	31	40.75	cps
Ytterbium	176-1	1400	1558	1233	1397	11.63	cps
Ytterbium	176-2	6835	7224	7580	7213	5.16	cps
Yttrium	89-1	14440974	14097626	12691044	13743214	6.75	cps
Yttrium	89-2	1467131	1502136	1521074	1496780	1.83	cps
Zinc	66-2	253	237	233	241	4.44	cps
Zirconium	90-1	467	500	700	556	22.72	cps
Zirconium	91-1	150	150	108	136	17.67	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:22:41	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1477	1477	1381	1445	3.84	cps
Antimony	121-1	10838	10496	10162	10499	3.22	cps
Arsenic	75-2	180	195	184	186	4.17	cps
Barium	135-1	14225	14291	13991	14169	1.11	cps
Barium	137-1	23054	25809	24398	24420	5.64	cps
Beryllium	9-1	2965	2934	2965	2955	0.61	cps
Bismuth	209-1	5888655	5933666	5943497	5921939	0.49	cps
Bismuth	209-2	2895839	2787860	2758826	2814175	2.57	cps
Boron	10-1	12153	12963	13273	12796	4.52	cps
Boron	11-1	54115	58553	57800	56822	4.18	cps
Bromine	81-1	61589	65601	59930	62373	4.67	cps
Cadmium	111-1	4757	4960	4929	4882	2.24	cps
Cadmium	106-1	4626	4684	4651	4654	0.63	cps
Cadmium	108-1	175	158	175	169	5.68	cps
Calcium	43-1	12634	12105	12065	12268	2.59	cps
Calcium	44-1	208638	204760	201443	204947	1.76	cps
Carbon	12-1	4151972	4139795	4036758	4109508	1.54	cps
Carbon	12-2	48188	46641	45881	46903	2.51	cps
Chlorine	35-1	813713	782117	778179	791336	2.46	cps
Chlorine	35-2	5660	5593	5393	5548	2.50	cps
Chromium	52-2	4307	4397	4467	4391	1.83	cps
Cobalt	59-2	3570	3507	3497	3525	1.13	cps
Copper	63-2	6765	6452	6675	6631	2.43	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	75	58	56	37.75	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	58	67	125	83	43.58	cps
Gadolinium	160-2	80	67	93	80	16.66	cps
Gold	197-1	0	8	8	6	86.60	cps
Gold	197-2	0	6	6	4	86.60	cps
Holmium	165-1	9296791	9264649	9004601	9188681	1.74	cps
Holmium	165-2	3784094	3879777	3838363	3834078	1.25	cps
Indium	115-1	7569085	7683640	7646383	7633036	0.77	cps
Indium	115-2	1112355	1112333	1138300	1120996	1.34	cps
Iron	56-2	85374	82716	83326	83806	1.66	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:22:41	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	2145	2306	2134	2195	4.39	cps
Iron	54-2	5357	5262	5134	5251	2.12	cps
Krypton	83-1	549	509	490	516	5.82	cps
Lead	206-1	5712	5335	5312	5453	4.12	cps
Lead	207-1	4612	4684	4662	4653	0.80	cps
Lead	208-1	21580	21958	21357	21632	1.40	cps
Lithium	6-1	4993253	4966836	5150058	5036715	1.97	cps
Magnesium	24-2	94305	93073	90271	92550	2.23	cps
Manganese	55-2	1340	1157	1193	1230	7.89	cps
Molybdenum	94-1	13907	14249	13607	13921	2.31	cps
Molybdenum	95-1	17103	16844	16327	16758	2.36	cps
Molybdenum	96-1	17653	18713	18680	18349	3.28	cps
Molybdenum	97-1	10788	10796	9946	10510	4.65	cps
Molybdenum	98-1	26184	26685	25516	26128	2.24	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1137	1043	983	1054	7.33	cps
Phosphorus	31-2	700	775	842	772	9.18	cps
Potassium	39-2	82101	79721	83181	81668	2.17	cps
Rhodium	103-1	7618506	7408513	7521597	7516206	1.40	cps
Rhodium	103-2	3171981	3235429	3286852	3231420	1.78	cps
Scandium	45-1	6122994	5946170	6070293	6046486	1.50	cps
Scandium	45-2	200747	199057	204351	201385	1.34	cps
Selenium	77-2	20	23	23	22	8.65	cps
Selenium	78-2	146	142	143	144	1.45	cps
Selenium	82-1	765	807	852	808	5.41	cps
Silicon	28-1	795341	793054	804557	797651	0.76	cps
Silver	107-1	9295	8995	9337	9209	2.03	cps
Silver	109-1	8603	8578	8545	8575	0.34	cps
Sodium	23-2	194386	192393	189633	192137	1.24	cps
Strontium	86-1	3092	3142	3476	3237	6.44	cps
Strontium	88-1	19781	18830	18730	19114	3.04	cps
Sulfur	34-1	363828	368871	365895	366198	0.69	cps
Terbium	159-1	9458638	9510751	9629301	9532897	0.92	cps
Terbium	159-2	3715955	3799734	3924463	3813384	2.75	cps
Thallium	203-1	7002	7227	6510	6913	5.30	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:22:41	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	16169	16411	15718	16099	2.18	cps
Tin	118-1	27595	29574	27420	28197	4.24	cps
Titanium	47-1	5735	5510	5985	5743	4.14	cps
Uranium	238-1	17613	17955	17846	17805	0.98	cps
Vanadium	51-2	7329	7762	7552	7548	2.87	cps
Ytterbium	172-1	58	25	75	53	48.24	cps
Ytterbium	172-2	22	22	11	19	34.64	cps
Ytterbium	176-1	1392	1375	1567	1445	7.35	cps
Ytterbium	176-2	6546	6813	6602	6654	2.12	cps
Yttrium	89-1	13793751	13327395	13261015	13460720	2.16	cps
Yttrium	89-2	1446624	1502163	1464674	1471154	1.93	cps
Zinc	66-2	927	910	880	906	2.61	cps
Zirconium	90-1	11855	12172	11864	11964	1.51	cps
Zirconium	91-1	3075	2559	2409	2681	13.05	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BS	Instrumnet Name :	P8
Client Sample ID :	PB147380BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:30:32	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683421	678187	667820	676476	1.17	cps
Antimony	121-1	2937427	2945424	2790680	2891177	3.01	cps
Arsenic	75-2	88365	87436	86639	87480	0.99	cps
Barium	135-1	3970652	3965620	3977061	3971111	0.14	cps
Barium	137-1	6783554	6549333	6748742	6693877	1.89	cps
Beryllium	9-1	1389950	1405950	1393675	1396525	0.60	cps
Bismuth	209-1	5721822	5864224	5826815	5804287	1.27	cps
Bismuth	209-2	2649940	2532851	2710101	2630964	3.43	cps
Boron	10-1	251062	260431	263705	258400	2.54	cps
Boron	11-1	1043055	1125688	1079020	1082588	3.83	cps
Bromine	81-1	61850	62707	63721	62759	1.49	cps
Cadmium	111-1	873917	865910	853593	864474	1.18	cps
Cadmium	106-1	101433	99534	103065	101344	1.74	cps
Cadmium	108-1	68177	68855	69102	68711	0.70	cps
Calcium	43-1	1506013	1578905	1531854	1538924	2.40	cps
Calcium	44-1	22324325	23405576	22901151	22877017	2.36	cps
Carbon	12-1	5244373	5362548	5511356	5372759	2.49	cps
Carbon	12-2	67581	68375	65446	67134	2.26	cps
Chlorine	35-1	538783	542305	538430	539839	0.40	cps
Chlorine	35-2	4067	4126	4492	4229	5.45	cps
Chromium	52-2	949773	935373	917802	934316	1.71	cps
Cobalt	59-2	1797160	1779239	1744091	1773497	1.52	cps
Copper	63-2	13546030	13495346	13189623	13410333	1.44	cps
Dysprosium	156-1	150	217	125	164	28.91	cps
Dysprosium	156-2	53	37	70	53	31.25	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	183	150	67	133	45.07	cps
Gadolinium	160-2	103	80	147	110	30.75	cps
Gold	197-1	25	17	33	25	33.32	cps
Gold	197-2	61	56	72	63	13.47	cps
Holmium	165-1	9703713	9699752	9645127	9682864	0.34	cps
Holmium	165-2	3755500	3732133	3943245	3810293	3.04	cps
Indium	115-1	7562380	8049412	7531896	7714563	3.76	cps
Indium	115-2	1095367	1009287	1104155	1069603	4.90	cps
Iron	56-2	41880819	40389305	41348747	41206290	1.83	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BS	Instrumnet Name :	P8
Client Sample ID :	PB147380BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:30:32	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	997086	973608	971612	980769	1.44	cps
Iron	54-2	2357698	2381261	2293940	2344300	1.93	cps
Krypton	83-1	541	531	557	543	2.44	cps
Lead	206-1	13235229	13357678	12990512	13194473	1.42	cps
Lead	207-1	11349528	12079377	11251896	11560267	3.91	cps
Lead	208-1	52362508	53695486	51779671	52612555	1.87	cps
Lithium	6-1	5003687	5013953	5148023	5055221	1.59	cps
Magnesium	24-2	9337811	9264311	9153558	9251894	1.00	cps
Manganese	55-2	5368355	5329553	5155593	5284501	2.14	cps
Molybdenum	94-1	12309090	12388423	12275158	12324224	0.47	cps
Molybdenum	95-1	17394909	17466457	17091611	17317659	1.15	cps
Molybdenum	96-1	18687392	18758366	18984213	18809990	0.82	cps
Molybdenum	97-1	10449559	10956477	10915166	10773734	2.61	cps
Molybdenum	98-1	27078118	27552609	26285374	26972034	2.37	cps
Neodymium	150-1	567	327	393	429	28.89	cps
Neodymium	150-2	30	27	37	31	16.37	cps
Nickel	60-2	456953	443785	448050	449596	1.49	cps
Phosphorus	31-2	40950	41845	41594	41463	1.11	cps
Potassium	39-2	3294279	3120459	3252090	3222276	2.81	cps
Rhodium	103-1	7157785	7518414	7393863	7356687	2.49	cps
Rhodium	103-2	3205271	2937181	3225172	3122541	5.15	cps
Scandium	45-1	6261123	6042210	6236141	6179825	1.94	cps
Scandium	45-2	198136	185555	201152	194948	4.24	cps
Selenium	77-2	2300	2190	2174	2221	3.10	cps
Selenium	78-2	7681	7735	7524	7647	1.43	cps
Selenium	82-1	75353	75901	74697	75317	0.80	cps
Silicon	28-1	9720889	10332232	10103572	10052231	3.07	cps
Silver	107-1	4815381	4543692	4647900	4668991	2.94	cps
Silver	109-1	4450840	4339638	4332106	4374195	1.52	cps
Sodium	23-2	17339149	17413315	17255474	17335979	0.46	cps
Strontium	86-1	28330344	28916170	29303041	28849852	1.70	cps
Strontium	88-1	250717806	254486664	246833972	250679481	1.53	cps
Sulfur	34-1	962780	960009	943439	955409	1.09	cps
Terbium	159-1	9930826	9960907	9769066	9886933	1.04	cps
Terbium	159-2	3841560	3523104	3940649	3768438	5.79	cps
Thallium	203-1	3107685	3132170	3080696	3106850	0.83	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BS	Instrumnet Name :	P8
Client Sample ID :	PB147380BS	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:30:32	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7515436	7507408	7275698	7432847	1.83	cps
Tin	118-1	2803298	2862584	2823974	2829952	1.06	cps
Titanium	47-1	5784953	5972125	5659471	5805516	2.71	cps
Uranium	238-1	10108933	9853189	10024209	9995444	1.30	cps
Vanadium	51-2	756955	754308	749804	753689	0.48	cps
Ytterbium	172-1	75	108	42	75	44.44	cps
Ytterbium	172-2	11	22	39	24	58.08	cps
Ytterbium	176-1	8528	7744	8586	8286	5.68	cps
Ytterbium	176-2	9292	9220	9715	9409	2.84	cps
Yttrium	89-1	13567785	13393595	13656829	13539403	0.99	cps
Yttrium	89-2	1468561	1359794	1470708	1433021	4.43	cps
Zinc	66-2	1601095	1531385	1573486	1568656	2.24	cps
Zirconium	90-1	6092809	6327949	6044252	6155003	2.47	cps
Zirconium	91-1	1420359	1391580	1388413	1400117	1.26	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BL	Instrumnet Name :	P8
Client Sample ID :	PB147380BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:36:29	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	262	86	89	146	69.29	cps
Antimony	121-1	400	567	800	589	34.12	cps
Arsenic	75-2	12	8	12	11	21.65	cps
Barium	135-1	33	17	25	25	33.32	cps
Barium	137-1	50	25	25	33	43.30	cps
Beryllium	9-1	66	61	69	65	5.84	cps
Bismuth	209-1	6003537	6045519	6081325	6043461	0.64	cps
Bismuth	209-2	2809149	2863552	2951067	2874589	2.49	cps
Boron	10-1	7442	7092	6760	7098	4.81	cps
Boron	11-1	33225	31299	29900	31475	5.30	cps
Bromine	81-1	64386	61511	64163	63353	2.53	cps
Cadmium	111-1	2973	3139	2891	3001	4.20	cps
Cadmium	106-1	4234	4484	4117	4279	4.38	cps
Cadmium	108-1	17	54	17	29	74.22	cps
Calcium	43-1	264	265	302	277	7.95	cps
Calcium	44-1	10079	10069	10057	10068	0.11	cps
Carbon	12-1	4062161	4047723	3900745	4003543	2.23	cps
Carbon	12-2	46641	45797	44952	45797	1.84	cps
Chlorine	35-1	362938	361940	366299	363726	0.63	cps
Chlorine	35-2	2684	2775	2559	2673	4.07	cps
Chromium	52-2	730	620	697	682	8.27	cps
Cobalt	59-2	70	53	73	66	16.35	cps
Copper	63-2	2844	2324	2674	2614	10.15	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	17	3	0	7	132.33	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	83	67	58	69	18.34	cps
Gadolinium	160-2	83	117	83	94	20.38	cps
Gold	197-1	8	0	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9326238	9424112	9691775	9480708	2.00	cps
Holmium	165-2	4028159	3747816	4013770	3929915	4.02	cps
Indium	115-1	7698607	7835071	8061855	7865177	2.33	cps
Indium	115-2	1116599	1125125	1131147	1124290	0.65	cps
Iron	56-2	7143	5157	6096	6132	16.20	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BL	Instrumnet Name :	P8
Client Sample ID :	PB147380BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:36:29	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	272	178	183	211	25.10	cps
Iron	54-2	1133	878	967	993	13.07	cps
Krypton	83-1	520	467	457	482	6.97	cps
Lead	206-1	1145	1178	1300	1207	6.78	cps
Lead	207-1	1033	1189	1028	1083	8.44	cps
Lead	208-1	4834	4984	4995	4938	1.82	cps
Lithium	6-1	5097692	4965292	5165478	5076154	2.01	cps
Magnesium	24-2	1885	625	792	1101	62.19	cps
Manganese	55-2	240	70	193	168	52.35	cps
Molybdenum	94-1	767	792	817	792	3.16	cps
Molybdenum	95-1	1025	992	1067	1028	3.66	cps
Molybdenum	96-1	1467	1233	1225	1308	10.49	cps
Molybdenum	97-1	775	642	592	669	14.16	cps
Molybdenum	98-1	1850	1483	1475	1603	13.36	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	90	53	63	69	27.52	cps
Phosphorus	31-2	842	792	725	786	7.45	cps
Potassium	39-2	20924	20632	20790	20782	0.70	cps
Rhodium	103-1	7424585	7639097	7664308	7575997	1.74	cps
Rhodium	103-2	3175201	3260318	3382575	3272698	3.19	cps
Scandium	45-1	5745586	6177041	6252702	6058443	4.52	cps
Scandium	45-2	199236	200218	200568	200007	0.34	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	72	81	62	72	13.26	cps
Selenium	82-1	-48	85	89	42	184.42	cps
Silicon	28-1	723537	727495	725596	725543	0.27	cps
Silver	107-1	183	175	125	161	19.58	cps
Silver	109-1	67	100	108	92	24.05	cps
Sodium	23-2	29173	25815	26124	27037	6.86	cps
Strontium	86-1	750	908	775	811	10.49	cps
Strontium	88-1	583	492	683	586	16.36	cps
Sulfur	34-1	355732	356738	349678	354049	1.08	cps
Terbium	159-1	9784932	9403098	9523625	9570552	2.04	cps
Terbium	159-2	3871852	3898970	3876725	3882516	0.37	cps
Thallium	203-1	792	775	842	803	4.32	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	PB147380BL	Instrumnet Name :	P8
Client Sample ID :	PB147380BL	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 14:36:29	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1917	1934	2092	1981	4.88	cps
Tin	118-1	2175	2550	2375	2367	7.93	cps
Titanium	47-1	258	217	258	244	9.84	cps
Uranium	238-1	25	50	33	36	35.25	cps
Vanadium	51-2	57	7	20	28	93.20	cps
Ytterbium	172-1	83	50	50	61	31.50	cps
Ytterbium	172-2	6	17	56	26	101.25	cps
Ytterbium	176-1	1367	1392	1450	1403	3.05	cps
Ytterbium	176-2	6485	6980	7291	6919	5.87	cps
Yttrium	89-1	13764524	13471176	13384631	13540110	1.47	cps
Yttrium	89-2	1469676	1538702	1474252	1494210	2.58	cps
Zinc	66-2	677	633	597	636	6.30	cps
Zirconium	90-1	525	567	617	569	8.06	cps
Zirconium	91-1	108	67	125	100	30.04	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4436-01 Instrumnet Name : P8
 Client Sample ID : MW-03-1.5-11.5-082922 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 15:19:46 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6542	5991	5962	6165	5.30	cps
Antimony	121-1	875	717	842	811	10.29	cps
Arsenic	75-2	694	624	636	651	5.75	cps
Barium	135-1	225524	229154	223241	225973	1.32	cps
Barium	137-1	387222	392391	383008	387540	1.21	cps
Beryllium	9-1	172	189	180	180	4.51	cps
Bismuth	209-1	5502199	5324558	5446497	5424418	1.67	cps
Bismuth	209-2	2557671	2609878	2591476	2586342	1.02	cps
Boron	10-1	23747	25307	25553	24869	3.94	cps
Boron	11-1	109388	113975	116182	113182	3.06	cps
Bromine	81-1	177543	205750	211125	198139	9.10	cps
Cadmium	111-1	4513	4887	4762	4720	4.03	cps
Cadmium	106-1	4051	4484	4226	4254	5.13	cps
Cadmium	108-1	188	158	179	175	8.58	cps
Calcium	43-1	971353	964636	955794	963928	0.81	cps
Calcium	44-1	16016256	15282091	15414188	15570845	2.51	cps
Carbon	12-1	14025758	14531189	15182403	14579783	3.98	cps
Carbon	12-2	179200	179655	184075	180977	1.49	cps
Chlorine	35-1	4378243	5002339	5376874	4919152	10.26	cps
Chlorine	35-2	47244	47462	52045	48917	5.54	cps
Chromium	52-2	2520	2534	2534	2529	0.30	cps
Cobalt	59-2	3324	3477	3384	3395	2.28	cps
Copper	63-2	4961	5034	4811	4935	2.31	cps
Dysprosium	156-1	708	942	833	828	14.11	cps
Dysprosium	156-2	290	247	300	279	10.17	cps
Erbium	164-1	900	817	833	850	5.19	cps
Erbium	164-2	297	280	303	293	4.10	cps
Gadolinium	160-1	942	833	875	883	6.19	cps
Gadolinium	160-2	490	413	437	447	8.80	cps
Gold	197-1	0	8	17	8	100.02	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9378096	9285794	8959906	9207932	2.39	cps
Holmium	165-2	3823161	3820760	3702985	3782302	1.82	cps
Indium	115-1	7049296	7473451	7175802	7232850	3.01	cps
Indium	115-2	1082906	1073172	1073590	1076556	0.51	cps
Iron	56-2	11549195	11379252	11596976	11508474	0.99	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:19:46	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	281953	278922	276419	279098	0.99	cps
Iron	54-2	622197	619979	618367	620181	0.31	cps
Krypton	83-1	506	485	401	464	11.96	cps
Lead	206-1	2873	2706	2550	2710	5.95	cps
Lead	207-1	2461	2350	2317	2376	3.18	cps
Lead	208-1	11058	11041	10630	10909	2.22	cps
Lithium	6-1	4924361	4965938	4917788	4936029	0.53	cps
Magnesium	24-2	1881796	1811847	1866187	1853277	1.98	cps
Manganese	55-2	487162	462026	466109	471766	2.86	cps
Molybdenum	94-1	2109	2109	1767	1995	9.89	cps
Molybdenum	95-1	1375	1042	1175	1197	14.01	cps
Molybdenum	96-1	1934	1925	1825	1895	3.18	cps
Molybdenum	97-1	775	767	700	747	5.50	cps
Molybdenum	98-1	1834	1742	1725	1767	3.30	cps
Neodymium	150-1	1180	1007	1107	1098	7.93	cps
Neodymium	150-2	363	353	337	351	3.84	cps
Nickel	60-2	7312	7085	7012	7136	2.19	cps
Phosphorus	31-2	1550	1100	1208	1286	18.26	cps
Potassium	39-2	804021	784536	779987	789515	1.62	cps
Rhodium	103-1	7022964	7037581	6873527	6978024	1.30	cps
Rhodium	103-2	3110633	3089280	3073598	3091170	0.60	cps
Scandium	45-1	5813332	5867379	5652353	5777688	1.94	cps
Scandium	45-2	195691	189534	191120	192115	1.66	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	60	77	60	66	14.94	cps
Selenium	82-1	174	237	351	254	35.38	cps
Silicon	28-1	23456970	22683394	22400800	22847055	2.39	cps
Silver	107-1	217	192	225	211	8.22	cps
Silver	109-1	117	117	67	100	28.87	cps
Sodium	23-2	57424470	55958283	57074626	56819126	1.35	cps
Strontium	86-1	519793	526638	525350	523927	0.69	cps
Strontium	88-1	4705660	4589762	4610716	4635379	1.33	cps
Sulfur	34-1	994967	979757	963189	979305	1.62	cps
Terbium	159-1	9359870	9260251	9201483	9273868	0.86	cps
Terbium	159-2	3881962	3758255	3670041	3770086	2.82	cps
Thallium	203-1	725	717	708	717	1.16	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:19:46	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1550	1333	1508	1464	7.85	cps
Tin	118-1	1759	1633	1975	1789	9.66	cps
Titanium	47-1	1533	1725	1583	1614	6.16	cps
Uranium	238-1	783	883	942	870	9.21	cps
Vanadium	51-2	2457	2527	2467	2484	1.52	cps
Ytterbium	172-1	442	425	500	456	8.64	cps
Ytterbium	172-2	139	167	211	172	21.15	cps
Ytterbium	176-1	1717	1525	1517	1586	7.13	cps
Ytterbium	176-2	7402	7597	6991	7330	4.22	cps
Yttrium	89-1	13125114	13218549	13311294	13218319	0.70	cps
Yttrium	89-2	1443942	1452155	1399270	1431789	1.99	cps
Zinc	66-2	36698	37105	36113	36639	1.36	cps
Zirconium	90-1	2892	3734	3309	3312	12.71	cps
Zirconium	91-1	650	650	658	653	0.74	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4436-01DUP Instrumnet Name : P8
 Client Sample ID : MW-03-1.5-11.5-082922L Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 15:22:50 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6578	6151	6191	6307	3.75	cps
Antimony	121-1	658	883	708	750	15.75	cps
Arsenic	75-2	701	658	640	666	4.70	cps
Barium	135-1	230325	230491	221871	227562	2.17	cps
Barium	137-1	386696	399951	393501	393383	1.68	cps
Beryllium	9-1	207	186	175	190	8.71	cps
Bismuth	209-1	5814561	5733939	5797498	5782000	0.73	cps
Bismuth	209-2	2363809	2568985	2635905	2522900	5.62	cps
Boron	10-1	25339	26575	26817	26244	3.02	cps
Boron	11-1	117246	118240	122446	119311	2.31	cps
Bromine	81-1	198876	216542	230109	215176	7.28	cps
Cadmium	111-1	5166	5236	4734	5045	5.39	cps
Cadmium	106-1	4884	4843	4184	4637	8.47	cps
Cadmium	108-1	183	154	142	160	13.39	cps
Calcium	43-1	957321	958867	958428	958205	0.08	cps
Calcium	44-1	15511168	15378072	15536835	15475358	0.55	cps
Carbon	12-1	14603592	15031846	15661577	15099005	3.52	cps
Carbon	12-2	185681	181016	184144	183614	1.29	cps
Chlorine	35-1	6130138	6877668	7382794	6796867	9.27	cps
Chlorine	35-2	61297	61565	63272	62045	1.73	cps
Chromium	52-2	2524	2304	2554	2460	5.55	cps
Cobalt	59-2	3167	3534	3450	3384	5.68	cps
Copper	63-2	5028	4931	4711	4890	3.32	cps
Dysprosium	156-1	858	725	900	828	11.04	cps
Dysprosium	156-2	347	300	307	318	7.94	cps
Erbium	164-1	817	708	692	739	9.19	cps
Erbium	164-2	357	300	260	306	15.90	cps
Gadolinium	160-1	1000	683	967	883	19.70	cps
Gadolinium	160-2	397	400	370	389	4.23	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	8950446	9330055	9142466	9140989	2.08	cps
Holmium	165-2	3438730	3740612	3891876	3690406	6.25	cps
Indium	115-1	7499236	7451720	7302778	7417911	1.38	cps
Indium	115-2	964934	1030484	1049126	1014848	4.36	cps
Iron	56-2	11841785	11584986	11328155	11584976	2.22	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922[	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:22:50	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	285539	275915	274960	278805	2.10	cps
Iron	54-2	629413	604695	607022	613710	2.22	cps
Krypton	83-1	451	436	462	450	2.93	cps
Lead	206-1	2984	2917	2823	2908	2.78	cps
Lead	207-1	2461	2184	2334	2326	5.98	cps
Lead	208-1	10985	10791	10630	10802	1.65	cps
Lithium	6-1	5080028	4937841	4955474	4991114	1.55	cps
Magnesium	24-2	1901840	1819340	1839422	1853534	2.32	cps
Manganese	55-2	481904	462966	460014	468294	2.54	cps
Molybdenum	94-1	1934	1992	1659	1861	9.57	cps
Molybdenum	95-1	1133	1075	975	1061	7.55	cps
Molybdenum	96-1	1867	2017	2009	1964	4.29	cps
Molybdenum	97-1	683	658	658	667	2.16	cps
Molybdenum	98-1	1717	1859	1717	1764	4.64	cps
Neodymium	150-1	1260	1227	1153	1213	4.50	cps
Neodymium	150-2	320	323	343	329	3.84	cps
Nickel	60-2	7265	7292	7159	7239	0.98	cps
Phosphorus	31-2	1275	1500	1217	1331	11.24	cps
Potassium	39-2	786807	777325	783680	782604	0.62	cps
Rhodium	103-1	7071453	7288429	7255585	7205156	1.62	cps
Rhodium	103-2	2733483	2891253	3046066	2890267	5.41	cps
Scandium	45-1	6103162	5840461	5850538	5931387	2.51	cps
Scandium	45-2	170830	185230	193752	183271	6.32	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	74	80	92	82	11.18	cps
Selenium	82-1	251	265	336	284	16.06	cps
Silicon	28-1	22584743	22414800	22119395	22372979	1.05	cps
Silver	107-1	167	208	158	178	15.07	cps
Silver	109-1	75	100	108	94	18.37	cps
Sodium	23-2	58508905	56206774	56855222	57190301	2.08	cps
Strontium	86-1	529473	530680	518335	526163	1.29	cps
Strontium	88-1	4555265	4759106	4616715	4643695	2.25	cps
Sulfur	34-1	939395	938624	938580	938866	0.05	cps
Terbium	159-1	9547578	9553144	9482428	9527717	0.41	cps
Terbium	159-2	3307881	3607869	3745061	3553603	6.29	cps
Thallium	203-1	633	733	558	642	13.68	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01DUP	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922[	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:22:50	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1308	1475	1417	1400	6.04	cps
Tin	118-1	2628	1725	1658	2004	27.01	cps
Titanium	47-1	1633	1600	1925	1720	10.40	cps
Uranium	238-1	1042	1025	1058	1042	1.60	cps
Vanadium	51-2	2490	2667	2354	2504	6.28	cps
Ytterbium	172-1	450	375	525	450	16.67	cps
Ytterbium	172-2	156	206	211	191	16.04	cps
Ytterbium	176-1	1875	1608	1650	1711	8.38	cps
Ytterbium	176-2	6391	6702	7280	6791	6.65	cps
Yttrium	89-1	13461324	12842521	13073223	13125689	2.38	cps
Yttrium	89-2	1229524	1357258	1390105	1325629	6.40	cps
Zinc	66-2	36143	35491	35912	35849	0.92	cps
Zirconium	90-1	3409	2925	3509	3281	9.51	cps
Zirconium	91-1	667	842	767	758	11.58	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4436-01LX5 Instrumnet Name : P8
 Client Sample ID : MW-03-1.5-11.5-082922L Dilution Factor : 5
 Date & Time Acquired : 2022-08-31 15:25:58 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1334	1301	1429	1355	4.89	cps
Antimony	121-1	125	150	225	167	31.23	cps
Arsenic	75-2	139	117	136	131	9.13	cps
Barium	135-1	44768	44474	43178	44140	1.92	cps
Barium	137-1	77791	76761	76007	76853	1.17	cps
Beryllium	9-1	80	72	55	69	18.55	cps
Bismuth	209-1	5881990	5825115	5850093	5852399	0.49	cps
Bismuth	209-2	2744259	2784411	2814175	2780948	1.26	cps
Boron	10-1	7254	7382	7296	7311	0.89	cps
Boron	11-1	32439	32299	33327	32688	1.71	cps
Bromine	81-1	109389	105967	108066	107807	1.60	cps
Cadmium	111-1	3253	3206	3411	3290	3.27	cps
Cadmium	106-1	4126	4134	4409	4223	3.82	cps
Cadmium	108-1	50	67	54	57	15.23	cps
Calcium	43-1	189057	186531	186524	187371	0.78	cps
Calcium	44-1	3015014	3042274	2958041	3005109	1.43	cps
Carbon	12-1	7204262	7165421	7208907	7192863	0.33	cps
Carbon	12-2	84299	83512	82406	83406	1.14	cps
Chlorine	35-1	3042776	2985542	3025100	3017806	0.97	cps
Chlorine	35-2	23311	22760	22551	22874	1.72	cps
Chromium	52-2	1177	1163	1077	1139	4.77	cps
Cobalt	59-2	717	797	620	711	12.44	cps
Copper	63-2	1947	2040	2034	2007	2.59	cps
Dysprosium	156-1	167	167	158	164	2.93	cps
Dysprosium	156-2	47	100	40	62	52.85	cps
Erbium	164-1	117	133	150	133	12.50	cps
Erbium	164-2	57	57	60	58	3.33	cps
Gadolinium	160-1	225	292	225	247	15.57	cps
Gadolinium	160-2	130	137	150	139	7.33	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9359267	9124360	9099924	9194517	1.56	cps
Holmium	165-2	3749090	3783226	4033294	3855203	4.03	cps
Indium	115-1	7689242	7586612	7728851	7668235	0.96	cps
Indium	115-2	1075890	1064073	1118455	1086139	2.63	cps
Iron	56-2	2400762	2375158	2320055	2365325	1.74	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922L	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 15:25:58	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	54611	55899	55514	55341	1.19	cps
Iron	54-2	122657	125067	122769	123498	1.10	cps
Krypton	83-1	455	480	490	475	3.80	cps
Lead	206-1	1061	967	1028	1019	4.70	cps
Lead	207-1	878	1022	972	957	7.66	cps
Lead	208-1	4017	4295	3945	4086	4.52	cps
Lithium	6-1	5117651	4936161	5084337	5046050	1.91	cps
Magnesium	24-2	359689	356045	356446	357393	0.56	cps
Manganese	55-2	93927	94578	93739	94082	0.47	cps
Molybdenum	94-1	508	483	517	503	3.45	cps
Molybdenum	95-1	217	350	317	294	23.57	cps
Molybdenum	96-1	500	492	542	511	5.24	cps
Molybdenum	97-1	183	183	108	158	27.35	cps
Molybdenum	98-1	450	275	450	392	25.80	cps
Neodymium	150-1	267	273	207	249	14.75	cps
Neodymium	150-2	80	83	90	84	6.03	cps
Nickel	60-2	1487	1560	1540	1529	2.48	cps
Phosphorus	31-2	775	900	817	831	7.66	cps
Potassium	39-2	167947	171381	167831	169053	1.19	cps
Rhodium	103-1	7352374	7167147	7523360	7347627	2.42	cps
Rhodium	103-2	3188031	3017571	3340375	3181992	5.08	cps
Scandium	45-1	6022266	5598390	5860980	5827212	3.67	cps
Scandium	45-2	190689	189802	197432	192641	2.17	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	57	65	77	66	15.17	cps
Selenium	82-1	96	82	81	87	9.60	cps
Silicon	28-1	4998705	4860379	4827226	4895437	1.86	cps
Silver	107-1	92	142	92	108	26.65	cps
Silver	109-1	50	17	50	39	49.48	cps
Sodium	23-2	11208668	11148494	11255064	11204075	0.48	cps
Strontium	86-1	104267	104122	101638	103342	1.43	cps
Strontium	88-1	888558	902643	895215	895472	0.79	cps
Sulfur	34-1	467003	471573	472488	470355	0.62	cps
Terbium	159-1	9400269	9577787	9234339	9404132	1.83	cps
Terbium	159-2	3685042	3775993	3930467	3797167	3.27	cps
Thallium	203-1	550	583	525	553	5.29	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01LX5	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922L	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 15:25:58	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1258	1358	1133	1250	9.02	cps
Tin	118-1	2584	2259	2350	2398	6.99	cps
Titanium	47-1	542	683	508	578	16.08	cps
Uranium	238-1	225	267	175	222	20.65	cps
Vanadium	51-2	557	477	493	509	8.29	cps
Ytterbium	172-1	67	117	167	117	42.86	cps
Ytterbium	172-2	50	78	39	56	36.06	cps
Ytterbium	176-1	1483	1525	1525	1511	1.59	cps
Ytterbium	176-2	6696	6852	6902	6817	1.57	cps
Yttrium	89-1	12787621	12969048	13233549	12996739	1.73	cps
Yttrium	89-2	1402294	1402696	1453885	1419625	2.09	cps
Zinc	66-2	7829	7619	7692	7713	1.38	cps
Zirconium	90-1	958	1058	1300	1106	15.89	cps
Zirconium	91-1	133	300	158	197	45.57	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-03	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:29:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7616	7686	7565	7622	0.80	cps
Antimony	121-1	1342	1383	967	1231	18.65	cps
Arsenic	75-2	511	529	572	537	5.83	cps
Barium	135-1	244782	239760	239889	241477	1.19	cps
Barium	137-1	418703	424146	410608	417819	1.63	cps
Beryllium	9-1	180	204	206	197	7.37	cps
Bismuth	209-1	5710838	5732551	5833832	5759074	1.14	cps
Bismuth	209-2	2723503	2731407	2570877	2675262	3.38	cps
Boron	10-1	26605	28125	27556	27429	2.80	cps
Boron	11-1	120971	124411	126276	123886	2.17	cps
Bromine	81-1	177815	202068	203610	194497	7.44	cps
Cadmium	111-1	4590	4415	4224	4410	4.15	cps
Cadmium	106-1	4509	4568	4234	4437	4.01	cps
Cadmium	108-1	113	100	146	119	19.84	cps
Calcium	43-1	1000178	999785	981060	993674	1.10	cps
Calcium	44-1	16132967	16470872	15648920	16084253	2.57	cps
Carbon	12-1	9175133	10036171	10511245	9907516	6.84	cps
Carbon	12-2	126283	130225	130821	129110	1.91	cps
Chlorine	35-1	6634699	7529022	8016010	7393244	9.48	cps
Chlorine	35-2	69970	73622	72850	72147	2.67	cps
Chromium	52-2	4391	4361	4517	4423	1.88	cps
Cobalt	59-2	6185	6582	6205	6324	3.54	cps
Copper	63-2	28826	28435	27914	28392	1.61	cps
Dysprosium	156-1	1008	1008	917	978	5.41	cps
Dysprosium	156-2	377	350	400	376	6.66	cps
Erbium	164-1	942	942	825	903	7.46	cps
Erbium	164-2	337	270	307	304	10.97	cps
Gadolinium	160-1	933	900	933	922	2.09	cps
Gadolinium	160-2	480	440	423	448	6.50	cps
Gold	197-1	0	0	8	3	173.21	cps
Gold	197-2	6	6	0	4	86.60	cps
Holmium	165-1	9448168	8836149	9275792	9186703	3.44	cps
Holmium	165-2	3842760	4047721	3610775	3833752	5.70	cps
Indium	115-1	7508287	7478868	7332551	7439902	1.27	cps
Indium	115-2	1091231	1103663	1029283	1074726	3.71	cps
Iron	56-2	11567927	12110477	11742281	11806895	2.35	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-03	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:29:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	283898	287901	288983	286928	0.93	cps
Iron	54-2	634299	637257	627155	632904	0.82	cps
Krypton	83-1	481	426	492	467	7.60	cps
Lead	206-1	36290	36117	35076	35828	1.83	cps
Lead	207-1	29790	29367	29284	29480	0.92	cps
Lead	208-1	140311	139207	135773	138430	1.71	cps
Lithium	6-1	4952406	4900688	4999983	4951026	1.00	cps
Magnesium	24-2	1947288	1926001	1970232	1947841	1.14	cps
Manganese	55-2	484865	502696	494647	494069	1.81	cps
Molybdenum	94-1	2034	1725	1975	1911	8.57	cps
Molybdenum	95-1	1150	1317	1300	1256	7.31	cps
Molybdenum	96-1	2234	1850	2100	2061	9.44	cps
Molybdenum	97-1	750	908	858	839	9.65	cps
Molybdenum	98-1	1850	2275	2117	2081	10.32	cps
Neodymium	150-1	1420	1393	1320	1378	3.76	cps
Neodymium	150-2	377	440	367	394	10.08	cps
Nickel	60-2	11868	11545	11735	11716	1.39	cps
Phosphorus	31-2	1325	1358	1200	1295	6.45	cps
Potassium	39-2	820929	818601	814411	817980	0.40	cps
Rhodium	103-1	7189928	6998968	6994398	7061098	1.58	cps
Rhodium	103-2	3225557	3171613	3077483	3158218	2.37	cps
Scandium	45-1	6040245	5973341	5824433	5946006	1.86	cps
Scandium	45-2	195670	200339	187777	194595	3.26	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	72	92	83	82	12.16	cps
Selenium	82-1	225	310	215	250	20.88	cps
Silicon	28-1	23183324	23454264	22846336	23161308	1.31	cps
Silver	107-1	133	208	200	181	22.77	cps
Silver	109-1	133	108	92	111	18.88	cps
Sodium	23-2	59099318	58993314	59076839	59056490	0.09	cps
Strontium	86-1	557589	565141	537544	553424	2.58	cps
Strontium	88-1	4920578	5066699	4735801	4907693	3.38	cps
Sulfur	34-1	985855	983085	964629	977856	1.18	cps
Terbium	159-1	9671205	9736210	9807670	9738362	0.70	cps
Terbium	159-2	3813457	3809533	3591901	3738297	3.39	cps
Thallium	203-1	783	725	717	742	4.90	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-03	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:29:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1642	1692	1658	1664	1.53	cps
Tin	118-1	6135	6043	6668	6282	5.38	cps
Titanium	47-1	3142	3025	2892	3020	4.14	cps
Uranium	238-1	742	542	833	706	21.14	cps
Vanadium	51-2	1807	1997	2077	1960	7.08	cps
Ytterbium	172-1	317	583	408	436	31.07	cps
Ytterbium	172-2	239	200	172	204	16.44	cps
Ytterbium	176-1	1950	1884	1775	1870	4.73	cps
Ytterbium	176-2	6819	7085	6869	6924	2.05	cps
Yttrium	89-1	13607701	13675661	12749924	13344429	3.87	cps
Yttrium	89-2	1439004	1417251	1354094	1403450	3.14	cps
Zinc	66-2	41635	41748	41277	41553	0.59	cps
Zirconium	90-1	2950	3092	3059	3034	2.44	cps
Zirconium	91-1	675	758	775	736	7.28	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4454-01 Instrumnet Name : P8
 Client Sample ID : MW-13A-8-13-083022 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 15:32:10 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3834	3328	3245	3469	9.19	cps
Antimony	121-1	500	375	492	456	15.34	cps
Arsenic	75-2	559	613	559	577	5.40	cps
Barium	135-1	254428	269239	272127	265264	3.58	cps
Barium	137-1	449996	463829	466044	459956	1.89	cps
Beryllium	9-1	125	127	156	136	12.74	cps
Bismuth	209-1	5603010	5570488	5742773	5638757	1.62	cps
Bismuth	209-2	2634939	2589248	2668271	2630820	1.51	cps
Boron	10-1	42996	45916	47774	45562	5.29	cps
Boron	11-1	198498	213067	213220	208262	4.06	cps
Bromine	81-1	202445	225286	243821	223850	9.26	cps
Cadmium	111-1	3811	3940	3466	3739	6.55	cps
Cadmium	106-1	4251	4609	3926	4262	8.02	cps
Cadmium	108-1	92	58	75	75	22.23	cps
Calcium	43-1	872531	905403	884626	887520	1.87	cps
Calcium	44-1	14599695	14767498	14401417	14589537	1.26	cps
Carbon	12-1	9958862	10856342	11307241	10707482	6.41	cps
Carbon	12-2	136178	133142	132662	133994	1.42	cps
Chlorine	35-1	9220027	10526723	11069060	10271937	9.25	cps
Chlorine	35-2	96353	96714	96446	96504	0.19	cps
Chromium	52-2	2320	2144	2200	2221	4.06	cps
Cobalt	59-2	47068	46198	44961	46076	2.30	cps
Copper	63-2	2140	2190	2174	2168	1.17	cps
Dysprosium	156-1	500	467	492	486	3.57	cps
Dysprosium	156-2	133	160	180	158	14.84	cps
Erbium	164-1	808	667	600	692	15.38	cps
Erbium	164-2	223	247	237	236	4.97	cps
Gadolinium	160-1	483	525	383	464	15.69	cps
Gadolinium	160-2	227	260	297	261	13.41	cps
Gold	197-1	8	0	8	6	86.60	cps
Gold	197-2	6	0	6	4	86.60	cps
Holmium	165-1	8985989	9155562	9457050	9199534	2.59	cps
Holmium	165-2	3803360	3840672	3795546	3813193	0.63	cps
Indium	115-1	7289833	7404761	7664547	7453047	2.58	cps
Indium	115-2	1098245	1080441	1057972	1078886	1.87	cps
Iron	56-2	5985740	5999483	5706717	5897313	2.80	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-01	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:32:10	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	143445	140773	136425	140214	2.53	cps
Iron	54-2	308286	312564	302858	307903	1.58	cps
Krypton	83-1	481	466	460	469	2.33	cps
Lead	206-1	2695	2828	2761	2761	2.41	cps
Lead	207-1	2345	2306	2267	2306	1.69	cps
Lead	208-1	10435	10980	11108	10841	3.29	cps
Lithium	6-1	4913823	4947878	4977332	4946344	0.64	cps
Magnesium	24-2	2470465	2507341	2436338	2471382	1.44	cps
Manganese	55-2	1810411	1829938	1764861	1801737	1.85	cps
Molybdenum	94-1	775	883	833	831	6.53	cps
Molybdenum	95-1	792	1208	1308	1103	24.85	cps
Molybdenum	96-1	1158	1017	1183	1120	8.03	cps
Molybdenum	97-1	442	417	483	447	7.53	cps
Molybdenum	98-1	1100	1367	1083	1183	13.44	cps
Neodymium	150-1	533	607	513	551	8.92	cps
Neodymium	150-2	117	133	130	127	6.96	cps
Nickel	60-2	6732	6792	6815	6779	0.63	cps
Phosphorus	31-2	1792	1775	1667	1745	3.89	cps
Potassium	39-2	877434	878563	836933	864310	2.74	cps
Rhodium	103-1	6866493	7181182	7195457	7081044	2.63	cps
Rhodium	103-2	3158434	3120243	2980255	3086310	3.04	cps
Scandium	45-1	5921610	5849050	5725011	5831890	1.70	cps
Scandium	45-2	200156	198156	194632	197648	1.42	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	78	70	62	70	11.43	cps
Selenium	82-1	156	167	180	168	7.08	cps
Silicon	28-1	29627184	30586130	30835252	30349522	2.10	cps
Silver	107-1	175	150	142	156	11.15	cps
Silver	109-1	67	100	92	86	20.14	cps
Sodium	23-2	78396118	77637602	76058937	77364219	1.54	cps
Strontium	86-1	586251	589089	599657	591665	1.19	cps
Strontium	88-1	5151684	5268108	5129678	5183156	1.44	cps
Sulfur	34-1	869782	1026404	1012576	969587	8.94	cps
Terbium	159-1	9310913	9677896	9324004	9437604	2.21	cps
Terbium	159-2	3690024	3738182	3775646	3734617	1.15	cps
Thallium	203-1	592	592	700	628	9.96	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-01	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:32:10	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1292	1192	1325	1270	5.47	cps
Tin	118-1	1383	1392	1358	1378	1.26	cps
Titanium	47-1	1642	1675	1433	1583	8.27	cps
Uranium	238-1	275	258	133	222	34.84	cps
Vanadium	51-2	2897	2807	2907	2870	1.92	cps
Ytterbium	172-1	700	725	758	728	4.02	cps
Ytterbium	172-2	317	439	422	393	16.88	cps
Ytterbium	176-1	1992	1942	2050	1995	2.72	cps
Ytterbium	176-2	7013	6935	6896	6948	0.86	cps
Yttrium	89-1	13124554	13284009	13478511	13295691	1.33	cps
Yttrium	89-2	1461652	1434685	1431813	1442717	1.14	cps
Zinc	66-2	7926	7759	7622	7769	1.96	cps
Zirconium	90-1	1050	1309	1108	1156	11.73	cps
Zirconium	91-1	250	150	292	231	31.58	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-02	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:35:14	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3486	3359	3334	3393	2.41	cps
Antimony	121-1	492	467	517	492	5.08	cps
Arsenic	75-2	541	516	526	528	2.39	cps
Barium	135-1	266109	255623	257633	259788	2.14	cps
Barium	137-1	475733	443326	448874	455978	3.80	cps
Beryllium	9-1	116	115	114	115	1.09	cps
Bismuth	209-1	5519340	5601955	5582586	5567960	0.78	cps
Bismuth	209-2	2694901	2790837	2630524	2705421	2.98	cps
Boron	10-1	45283	46616	47022	46307	1.96	cps
Boron	11-1	206660	211323	218342	212108	2.77	cps
Bromine	81-1	229470	244319	259523	244437	6.15	cps
Cadmium	111-1	3327	2952	3098	3126	6.05	cps
Cadmium	106-1	4626	4126	4251	4334	6.01	cps
Cadmium	108-1	33	33	21	29	24.75	cps
Calcium	43-1	917537	890893	868771	892400	2.74	cps
Calcium	44-1	14775692	14403081	14047266	14408680	2.53	cps
Carbon	12-1	14253493	15129758	15467542	14950264	4.19	cps
Carbon	12-2	181883	181681	179267	180944	0.80	cps
Chlorine	35-1	10905645	11619594	12246897	11590712	5.79	cps
Chlorine	35-2	102613	104661	106230	104501	1.74	cps
Chromium	52-2	4457	4381	4154	4331	3.64	cps
Cobalt	59-2	45225	45008	44342	44858	1.03	cps
Copper	63-2	2964	2900	3127	2997	3.90	cps
Dysprosium	156-1	283	225	233	247	12.76	cps
Dysprosium	156-2	137	103	77	106	28.48	cps
Erbium	164-1	508	408	483	467	11.15	cps
Erbium	164-2	163	137	153	151	8.92	cps
Gadolinium	160-1	292	525	342	386	31.82	cps
Gadolinium	160-2	137	237	267	213	31.91	cps
Gold	197-1	25	8	8	14	69.31	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9176562	9756240	9206624	9379809	3.48	cps
Holmium	165-2	4000747	4024631	4012938	4012772	0.30	cps
Indium	115-1	7665631	7606641	7515821	7596031	0.99	cps
Indium	115-2	1114928	1116186	1112050	1114388	0.19	cps
Iron	56-2	5837409	5764684	5901138	5834411	1.17	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-02	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:35:14	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	139909	140096	143478	141161	1.42	cps
Iron	54-2	306799	310377	310032	309069	0.64	cps
Krypton	83-1	485	490	521	499	3.94	cps
Lead	206-1	1972	1834	1756	1854	5.92	cps
Lead	207-1	1500	1533	1600	1545	3.30	cps
Lead	208-1	7195	7168	7056	7140	1.03	cps
Lithium	6-1	5048968	4884662	5020036	4984555	1.76	cps
Magnesium	24-2	2483255	2445375	2321418	2416683	3.50	cps
Manganese	55-2	1758405	1795912	1782242	1778853	1.07	cps
Molybdenum	94-1	1050	1117	1208	1125	7.07	cps
Molybdenum	95-1	1600	1483	1367	1483	7.87	cps
Molybdenum	96-1	1950	2059	1984	1997	2.78	cps
Molybdenum	97-1	867	683	792	781	11.81	cps
Molybdenum	98-1	2034	2134	2150	2106	3.00	cps
Neodymium	150-1	327	347	347	340	3.40	cps
Neodymium	150-2	107	110	117	111	4.58	cps
Nickel	60-2	6628	6782	6722	6711	1.15	cps
Phosphorus	31-2	1775	1767	1809	1783	1.24	cps
Potassium	39-2	840329	847819	862972	850373	1.36	cps
Rhodium	103-1	7293530	7270937	6998489	7187652	2.28	cps
Rhodium	103-2	3085254	3154618	3177984	3139286	1.54	cps
Scandium	45-1	6030603	6006365	5968640	6001869	0.52	cps
Scandium	45-2	201996	202411	202061	202156	0.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	77	76	61	71	12.56	cps
Selenium	82-1	201	192	142	179	17.73	cps
Silicon	28-1	31422588	30634423	30313772	30790261	1.85	cps
Silver	107-1	142	167	150	153	8.33	cps
Silver	109-1	83	117	117	106	18.23	cps
Sodium	23-2	75290662	73836527	74693506	74606898	0.98	cps
Strontium	86-1	593780	599958	584184	592641	1.34	cps
Strontium	88-1	5215829	5187084	5154773	5185895	0.59	cps
Sulfur	34-1	1004097	860891	993408	952799	8.37	cps
Terbium	159-1	9778531	9581449	9441485	9600488	1.76	cps
Terbium	159-2	3949628	3908386	3914664	3924226	0.57	cps
Thallium	203-1	592	483	642	572	14.14	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-02	Instrumnet Name :	P8
Client Sample ID :	MW-13A-8-13-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:35:14	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1500	1433	1350	1428	5.26	cps
Tin	118-1	1783	1875	1800	1820	2.68	cps
Titanium	47-1	1283	1292	1242	1272	2.11	cps
Uranium	238-1	125	217	142	161	30.31	cps
Vanadium	51-2	2497	2447	2430	2458	1.41	cps
Ytterbium	172-1	958	925	842	908	6.62	cps
Ytterbium	172-2	422	339	467	409	15.85	cps
Ytterbium	176-1	2200	2000	2050	2084	5.00	cps
Ytterbium	176-2	6958	7313	7197	7156	2.53	cps
Yttrium	89-1	13073964	13254831	13212957	13180584	0.72	cps
Yttrium	89-2	1534628	1448788	1473031	1485482	2.98	cps
Zinc	66-2	6678	6868	6625	6724	1.90	cps
Zirconium	90-1	892	1133	925	983	13.32	cps
Zirconium	91-1	267	208	275	250	14.53	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-03	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:38:20	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13566	12984	12765	13105	3.16	cps
Antimony	121-1	83	142	117	114	25.69	cps
Arsenic	75-2	892	872	872	879	1.31	cps
Barium	135-1	364936	371660	369443	368680	0.93	cps
Barium	137-1	635604	648075	618289	633989	2.36	cps
Beryllium	9-1	252	247	242	247	2.02	cps
Bismuth	209-1	5811824	5995427	5979595	5928949	1.72	cps
Bismuth	209-2	2845161	2876522	3036106	2919263	3.51	cps
Boron	10-1	12197	12275	12063	12178	0.88	cps
Boron	11-1	56838	56441	55445	56241	1.28	cps
Bromine	81-1	104243	100461	94989	99898	4.66	cps
Cadmium	111-1	3402	3086	3054	3181	6.05	cps
Cadmium	106-1	4851	4426	4342	4540	6.01	cps
Cadmium	108-1	8	29	21	19	53.95	cps
Calcium	43-1	565023	562320	553248	560197	1.10	cps
Calcium	44-1	9096473	9242544	9038865	9125961	1.15	cps
Carbon	12-1	6072695	6416042	6505178	6331305	3.61	cps
Carbon	12-2	78694	78920	76583	78066	1.65	cps
Chlorine	35-1	4577471	4418314	4338505	4444763	2.74	cps
Chlorine	35-2	32746	30800	30666	31404	3.71	cps
Chromium	52-2	3627	3397	3270	3432	5.27	cps
Cobalt	59-2	3644	3254	3284	3394	6.40	cps
Copper	63-2	3464	3677	3350	3497	4.74	cps
Dysprosium	156-1	775	658	692	708	8.48	cps
Dysprosium	156-2	250	227	220	232	6.79	cps
Erbium	164-1	500	425	658	528	22.57	cps
Erbium	164-2	183	247	203	211	15.33	cps
Gadolinium	160-1	525	608	483	539	11.81	cps
Gadolinium	160-2	373	317	290	327	13.03	cps
Gold	197-1	0	17	0	6	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9614287	9391029	9933790	9646369	2.83	cps
Holmium	165-2	4033183	4100309	4075890	4069794	0.83	cps
Indium	115-1	8229771	8014563	7857613	8033982	2.33	cps
Indium	115-2	1174509	1158645	1144911	1159355	1.28	cps
Iron	56-2	8323143	8122156	8000315	8148538	2.00	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-03	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:38:20	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	194142	194700	188126	192323	1.90	cps
Iron	54-2	434425	432922	426748	431365	0.94	cps
Krypton	83-1	514	536	455	502	8.36	cps
Lead	206-1	3951	3873	3890	3904	1.05	cps
Lead	207-1	3245	3239	3267	3250	0.45	cps
Lead	208-1	15182	15382	14993	15185	1.28	cps
Lithium	6-1	4979846	4782873	5037637	4933452	2.71	cps
Magnesium	24-2	1200002	1130713	1131777	1154164	3.44	cps
Manganese	55-2	324350	323985	318819	322385	0.96	cps
Molybdenum	94-1	950	883	942	925	3.93	cps
Molybdenum	95-1	1158	1092	1117	1122	3.00	cps
Molybdenum	96-1	2017	1625	1508	1717	15.51	cps
Molybdenum	97-1	558	492	642	564	13.33	cps
Molybdenum	98-1	1442	1709	1508	1553	8.94	cps
Neodymium	150-1	980	980	1040	1000	3.46	cps
Neodymium	150-2	247	270	250	256	4.94	cps
Nickel	60-2	1423	1440	1427	1430	0.62	cps
Phosphorus	31-2	1233	1108	1325	1222	8.90	cps
Potassium	39-2	661741	642556	632439	645579	2.31	cps
Rhodium	103-1	7607998	7881524	7540305	7676609	2.35	cps
Rhodium	103-2	3315749	3376974	3286239	3326321	1.39	cps
Scandium	45-1	6210023	6097464	6339016	6215501	1.94	cps
Scandium	45-2	206752	204875	203714	205114	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	65	68	65	5.43	cps
Selenium	82-1	24	-15	101	37	161.43	cps
Silicon	28-1	94755208	97228146	95437835	95807063	1.33	cps
Silver	107-1	117	142	133	131	9.75	cps
Silver	109-1	50	58	58	56	8.66	cps
Sodium	23-2	1998853	1955678	1878517	1944349	3.14	cps
Strontium	86-1	653465	654706	643554	650575	0.94	cps
Strontium	88-1	5627619	5761365	5652731	5680572	1.25	cps
Sulfur	34-1	468622	471844	466565	469010	0.57	cps
Terbium	159-1	9728884	9860871	9574758	9721505	1.47	cps
Terbium	159-2	4122259	3927620	3794606	3948162	4.17	cps
Thallium	203-1	567	408	550	508	17.12	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-03	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:38:20	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1258	1400	1408	1356	6.22	cps
Tin	118-1	1850	1775	1942	1856	4.50	cps
Titanium	47-1	10904	10554	11380	10946	3.79	cps
Uranium	238-1	417	300	342	353	16.76	cps
Vanadium	51-2	757	790	847	798	5.70	cps
Ytterbium	172-1	275	117	200	197	40.16	cps
Ytterbium	172-2	67	67	117	83	34.64	cps
Ytterbium	176-1	1392	1775	1533	1567	12.37	cps
Ytterbium	176-2	7041	7263	7458	7254	2.88	cps
Yttrium	89-1	13433216	13799244	13828322	13686927	1.61	cps
Yttrium	89-2	1506090	1510593	1500799	1505827	0.33	cps
Zinc	66-2	1033	1117	1080	1077	3.88	cps
Zirconium	90-1	1083	1125	1158	1122	3.35	cps
Zirconium	91-1	225	200	308	244	23.21	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:41:25	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3402383	3415818	3387320	3401840	0.42	cps
Antimony	121-1	2700462	2649884	2681579	2677309	0.95	cps
Arsenic	75-2	82226	82526	81401	82051	0.71	cps
Barium	135-1	3775773	3778739	3786596	3780369	0.15	cps
Barium	137-1	6596723	6720840	6460554	6592706	1.97	cps
Beryllium	9-1	1305623	1298209	1259569	1287800	1.92	cps
Bismuth	209-1	5167810	5375003	5394997	5312603	2.37	cps
Bismuth	209-2	2584794	2534318	2537525	2552212	1.11	cps
Boron	10-1	272877	281562	287058	280499	2.55	cps
Boron	11-1	1130662	1195404	1169999	1165355	2.80	cps
Bromine	81-1	71234	71658	70067	70986	1.16	cps
Cadmium	111-1	795114	792853	779943	789303	1.04	cps
Cadmium	106-1	94550	93644	95560	94585	1.01	cps
Cadmium	108-1	62997	61370	62412	62260	1.32	cps
Calcium	43-1	6331980	6443461	6304815	6360086	1.16	cps
Calcium	44-1	101725017	101242387	98922672	100630026	1.49	cps
Carbon	12-1	6783899	6941403	6811523	6845608	1.23	cps
Carbon	12-2	83001	81961	81928	82297	0.74	cps
Chlorine	35-1	2108985	2120888	2053213	2094362	1.73	cps
Chlorine	35-2	13890	14566	14641	14366	2.88	cps
Chromium	52-2	934295	927910	888805	917003	2.69	cps
Cobalt	59-2	1737958	1719996	1666793	1708249	2.17	cps
Copper	63-2	13924609	13487440	12896688	13436246	3.84	cps
Dysprosium	156-1	442	567	608	539	16.09	cps
Dysprosium	156-2	190	123	173	162	21.38	cps
Erbium	164-1	158	83	83	108	39.97	cps
Erbium	164-2	43	23	30	32	31.61	cps
Gadolinium	160-1	350	292	308	317	9.49	cps
Gadolinium	160-2	197	253	223	224	12.63	cps
Gold	197-1	50	33	0	28	91.65	cps
Gold	197-2	72	78	61	70	12.06	cps
Holmium	165-1	9552210	9610489	9249112	9470603	2.05	cps
Holmium	165-2	3925143	4014232	3943116	3960830	1.19	cps
Indium	115-1	7078541	7420602	7578111	7359085	3.47	cps
Indium	115-2	1077220	1086483	1062871	1075524	1.11	cps
Iron	56-2	201428266	199572038	196871504	199290603	1.15	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:41:25	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4895304	5020500	4772416	4896073	2.53	cps
Iron	54-2	10969572	10853293	10540824	10787896	2.06	cps
Krypton	83-1	529	511	486	509	4.20	cps
Lead	206-1	12004689	12135285	12462409	12200794	1.93	cps
Lead	207-1	10981853	11314888	11163264	11153335	1.49	cps
Lead	208-1	49955047	50278326	50046133	50093169	0.33	cps
Lithium	6-1	4859288	4821310	4742099	4807566	1.24	cps
Magnesium	24-2	42206903	41652674	42149330	42002969	0.73	cps
Manganese	55-2	5435800	5234966	5063692	5244819	3.55	cps
Molybdenum	94-1	11714458	11575593	11777717	11689256	0.88	cps
Molybdenum	95-1	16724112	16975727	17237412	16979084	1.51	cps
Molybdenum	96-1	18502045	18275760	18692382	18490062	1.13	cps
Molybdenum	97-1	10598461	10726010	10604655	10643042	0.68	cps
Molybdenum	98-1	26362517	27137378	26436184	26645360	1.61	cps
Neodymium	150-1	433	327	367	376	14.35	cps
Neodymium	150-2	23	30	27	27	12.51	cps
Nickel	60-2	436903	438042	427590	434179	1.32	cps
Phosphorus	31-2	41376	40057	39655	40363	2.23	cps
Potassium	39-2	16252149	15852145	15615348	15906547	2.02	cps
Rhodium	103-1	6725835	6905876	7206616	6946109	3.50	cps
Rhodium	103-2	2995097	3003569	2969316	2989327	0.60	cps
Scandium	45-1	5915518	6082012	6024386	6007305	1.41	cps
Scandium	45-2	202478	201316	198912	200902	0.91	cps
Selenium	77-2	2280	2090	2167	2179	4.39	cps
Selenium	78-2	7438	7256	7274	7322	1.37	cps
Selenium	82-1	69859	69862	68554	69425	1.09	cps
Silicon	28-1	14516987	14488358	14185812	14397052	1.27	cps
Silver	107-1	4182736	4053794	4142143	4126224	1.60	cps
Silver	109-1	4065263	4057588	4004811	4042554	0.81	cps
Sodium	23-2	85223312	84458160	82501304	84060925	1.67	cps
Strontium	86-1	27790495	28827978	28031977	28216817	1.92	cps
Strontium	88-1	236688347	246019197	244487922	242398489	2.06	cps
Sulfur	34-1	916529	914967	917574	916357	0.14	cps
Terbium	159-1	9190495	9847761	9793672	9610643	3.80	cps
Terbium	159-2	3919901	4026053	3844571	3930175	2.32	cps
Thallium	203-1	3001560	2980001	2814376	2931979	3.49	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:41:25	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	6830439	6849158	6816070	6831889	0.24	cps
Tin	118-1	2699914	2745672	2618290	2687959	2.40	cps
Titanium	47-1	5441943	5762378	5700386	5634903	3.02	cps
Uranium	238-1	9635364	10128651	10006418	9923478	2.59	cps
Vanadium	51-2	763358	755683	732812	750618	2.12	cps
Ytterbium	172-1	83	125	175	128	35.92	cps
Ytterbium	172-2	22	39	28	30	28.65	cps
Ytterbium	176-1	8128	8219	8211	8186	0.62	cps
Ytterbium	176-2	9720	9515	9615	9617	1.07	cps
Yttrium	89-1	13300982	13557423	13452442	13436949	0.96	cps
Yttrium	89-2	1471243	1506040	1456122	1477801	1.73	cps
Zinc	66-2	1500274	1382562	1364884	1415907	5.20	cps
Zirconium	90-1	5883485	6086965	5908714	5959722	1.86	cps
Zirconium	91-1	1352255	1391733	1403881	1382623	1.95	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:46:46	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96	119	104	106	10.78	cps
Antimony	121-1	400	483	867	583	42.67	cps
Arsenic	75-2	8	4	12	8	50.00	cps
Barium	135-1	33	33	67	44	43.31	cps
Barium	137-1	133	67	92	97	34.64	cps
Beryllium	9-1	75	84	71	77	8.37	cps
Bismuth	209-1	5702296	5710251	6200977	5871175	4.87	cps
Bismuth	209-2	2996505	2847079	2912121	2918569	2.57	cps
Boron	10-1	8497	8229	7777	8167	4.46	cps
Boron	11-1	38300	36440	33968	36236	6.00	cps
Bromine	81-1	65109	67684	65221	66005	2.21	cps
Cadmium	111-1	2895	3041	3092	3010	3.40	cps
Cadmium	106-1	4142	4334	4409	4295	3.20	cps
Cadmium	108-1	13	25	33	24	44.41	cps
Calcium	43-1	276	277	274	276	0.69	cps
Calcium	44-1	10370	10326	10070	10255	1.58	cps
Carbon	12-1	4495368	4479515	4372289	4449057	1.50	cps
Carbon	12-2	52160	51716	52118	51998	0.47	cps
Chlorine	35-1	1141547	1121128	1085215	1115963	2.56	cps
Chlorine	35-2	8228	7886	7877	7997	2.50	cps
Chromium	52-2	670	733	580	661	11.66	cps
Cobalt	59-2	43	63	33	47	32.74	cps
Copper	63-2	1323	1380	1323	1342	2.44	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	33	33	47	50.95	cps
Erbium	164-2	17	20	7	14	48.02	cps
Gadolinium	160-1	33	125	133	97	57.07	cps
Gadolinium	160-2	70	63	80	71	11.80	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9229812	9291456	9669129	9396799	2.53	cps
Holmium	165-2	4149019	3999048	3799222	3982430	4.41	cps
Indium	115-1	7310816	7460972	8143602	7638464	5.81	cps
Indium	115-2	1175506	1132330	1116935	1141590	2.66	cps
Iron	56-2	5607	7868	5607	6360	20.52	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:46:46	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	111	233	194	180	34.76	cps
Iron	54-2	972	1017	983	991	2.33	cps
Krypton	83-1	560	521	485	522	7.18	cps
Lead	206-1	778	678	667	707	8.65	cps
Lead	207-1	744	689	656	696	6.45	cps
Lead	208-1	2934	2661	2567	2721	7.00	cps
Lithium	6-1	4919812	4791481	5098568	4936620	3.12	cps
Magnesium	24-2	583	883	533	667	28.40	cps
Manganese	55-2	297	307	337	313	6.64	cps
Molybdenum	94-1	783	792	958	844	11.69	cps
Molybdenum	95-1	1208	1217	1050	1158	8.11	cps
Molybdenum	96-1	1525	1250	1550	1442	11.55	cps
Molybdenum	97-1	842	792	625	753	15.07	cps
Molybdenum	98-1	2409	1984	1683	2025	17.99	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	83	77	82	6.19	cps
Phosphorus	31-2	675	633	625	644	4.16	cps
Potassium	39-2	20757	21033	19914	20568	2.83	cps
Rhodium	103-1	7460973	7084341	7937903	7494406	5.71	cps
Rhodium	103-2	3571675	3284209	3260633	3372172	5.14	cps
Scandium	45-1	5931798	5739495	6278203	5983166	4.56	cps
Scandium	45-2	212246	200312	195148	202569	4.33	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	77	86	66	76	13.12	cps
Selenium	82-1	-19	-26	15	-10	-219.73	cps
Silicon	28-1	737061	725577	730773	731137	0.79	cps
Silver	107-1	183	183	175	181	2.66	cps
Silver	109-1	142	225	167	178	24.06	cps
Sodium	23-2	33330	34299	32512	33380	2.68	cps
Strontium	86-1	1017	950	775	914	13.66	cps
Strontium	88-1	1475	1492	1400	1456	3.35	cps
Sulfur	34-1	347162	359424	353906	353497	1.74	cps
Terbium	159-1	9181375	9257622	10060781	9499926	5.13	cps
Terbium	159-2	4217480	3894298	3941288	4017689	4.35	cps
Thallium	203-1	733	692	775	733	5.68	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:46:46	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1884	2025	2067	1992	4.83	cps
Tin	118-1	2084	1984	2192	2086	5.00	cps
Titanium	47-1	233	200	217	217	7.69	cps
Uranium	238-1	50	33	58	47	26.97	cps
Vanadium	51-2	30	17	7	18	65.83	cps
Ytterbium	172-1	92	33	58	61	47.90	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	1200	1267	1433	1300	9.25	cps
Ytterbium	176-2	7308	6874	7046	7076	3.09	cps
Yttrium	89-1	13060345	12915513	14015950	13330603	4.49	cps
Yttrium	89-2	1542557	1517416	1462425	1507466	2.72	cps
Zinc	66-2	247	253	150	217	26.69	cps
Zirconium	90-1	508	483	792	594	28.81	cps
Zirconium	91-1	75	83	183	114	52.93	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-04	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:49:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	459	336	416	404	15.41	cps
Antimony	121-1	150	283	467	300	53.00	cps
Arsenic	75-2	898	856	821	858	4.49	cps
Barium	135-1	357695	349400	354187	353761	1.18	cps
Barium	137-1	605510	618982	628073	617522	1.84	cps
Beryllium	9-1	192	170	209	190	10.22	cps
Bismuth	209-1	6105639	5826757	5378775	5770390	6.35	cps
Bismuth	209-2	2604761	2753253	2833644	2730553	4.25	cps
Boron	10-1	12889	13085	13069	13015	0.84	cps
Boron	11-1	59124	57699	59078	58634	1.38	cps
Bromine	81-1	89284	96088	93155	92842	3.68	cps
Cadmium	111-1	2880	2828	2894	2867	1.20	cps
Cadmium	106-1	4117	4034	4109	4087	1.12	cps
Cadmium	108-1	21	29	17	22	28.64	cps
Calcium	43-1	532775	533537	539550	535287	0.69	cps
Calcium	44-1	8684686	8853095	8567693	8701825	1.65	cps
Carbon	12-1	10840456	11613659	11873655	11442590	4.70	cps
Carbon	12-2	147621	144977	150061	147553	1.72	cps
Chlorine	35-1	1670764	1777587	1837143	1761831	4.78	cps
Chlorine	35-2	15817	15142	16176	15712	3.34	cps
Chromium	52-2	2204	2164	2104	2157	2.33	cps
Cobalt	59-2	2630	2614	2274	2506	8.03	cps
Copper	63-2	2387	2110	1957	2151	10.13	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	92	133	25	83	65.58	cps
Erbium	164-2	23	7	23	18	54.11	cps
Gadolinium	160-1	67	83	75	75	11.11	cps
Gadolinium	160-2	83	103	83	90	12.84	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9456091	9049748	8684845	9063561	4.26	cps
Holmium	165-2	3769575	3754576	3991548	3838567	3.46	cps
Indium	115-1	7692992	7606045	7384333	7561123	2.10	cps
Indium	115-2	1055107	1104325	1124302	1094578	3.25	cps
Iron	56-2	7034467	6646944	6706134	6795848	3.07	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-04	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:49:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	169433	162553	161894	164627	2.54	cps
Iron	54-2	371394	369965	360885	367415	1.55	cps
Krypton	83-1	509	482	481	491	3.16	cps
Lead	206-1	2089	2228	2189	2169	3.30	cps
Lead	207-1	1700	1672	1950	1774	8.62	cps
Lead	208-1	8051	7940	8768	8253	5.45	cps
Lithium	6-1	5062041	4934596	4532418	4843018	5.71	cps
Magnesium	24-2	1164974	1106840	1152533	1141449	2.68	cps
Manganese	55-2	315097	313547	305993	311546	1.56	cps
Molybdenum	94-1	1058	1083	1367	1170	14.65	cps
Molybdenum	95-1	1542	1533	1967	1681	14.75	cps
Molybdenum	96-1	2050	2117	2334	2167	6.84	cps
Molybdenum	97-1	1017	1083	1167	1089	6.90	cps
Molybdenum	98-1	2200	2542	2834	2525	12.56	cps
Neodymium	150-1	47	33	60	47	28.58	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	900	817	770	829	7.95	cps
Phosphorus	31-2	1200	1017	1250	1156	10.63	cps
Potassium	39-2	648147	642316	625557	638673	1.84	cps
Rhodium	103-1	7567433	7371099	6968690	7302407	4.18	cps
Rhodium	103-2	3067997	3254262	3270539	3197599	3.52	cps
Scandium	45-1	6125716	5901287	5453762	5826922	5.87	cps
Scandium	45-2	186119	195559	199094	193591	3.46	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	70	72	73	72	2.13	cps
Selenium	82-1	36	75	55	55	34.96	cps
Silicon	28-1	92716229	94703492	93062235	93493985	1.14	cps
Silver	107-1	183	83	175	147	37.69	cps
Silver	109-1	150	150	58	119	44.31	cps
Sodium	23-2	1990353	1936135	1904598	1943695	2.23	cps
Strontium	86-1	625089	621055	615600	620581	0.77	cps
Strontium	88-1	5411732	5408560	5366601	5395631	0.47	cps
Sulfur	34-1	470259	461953	443572	458595	2.98	cps
Terbium	159-1	9713581	9291076	8893377	9299344	4.41	cps
Terbium	159-2	3673746	3878878	3802252	3784959	2.74	cps
Thallium	203-1	533	650	683	622	12.66	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-04	Instrumnet Name :	P8
Client Sample ID :	OW-3B-49-54-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:49:57	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1533	1475	1267	1425	9.84	cps
Tin	118-1	1442	1392	1859	1564	16.38	cps
Titanium	47-1	1884	2350	1917	2050	12.70	cps
Uranium	238-1	175	175	300	217	33.31	cps
Vanadium	51-2	90	53	97	80	29.17	cps
Ytterbium	172-1	33	50	75	53	39.74	cps
Ytterbium	172-2	11	50	28	30	65.85	cps
Ytterbium	176-1	1533	1442	1083	1353	17.58	cps
Ytterbium	176-2	6368	6602	7213	6728	6.48	cps
Yttrium	89-1	13589413	13171395	12564040	13108283	3.93	cps
Yttrium	89-2	1385515	1486232	1517858	1463202	4.72	cps
Zinc	66-2	1293	1127	1267	1229	7.29	cps
Zirconium	90-1	658	733	958	783	19.93	cps
Zirconium	91-1	92	150	150	131	25.80	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-06	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:53:02	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45362	45507	44686	45185	0.97	cps
Antimony	121-1	583	658	692	644	8.61	cps
Arsenic	75-2	589	528	523	547	6.72	cps
Barium	135-1	74590	71667	70292	72183	3.04	cps
Barium	137-1	129793	125903	121446	125714	3.32	cps
Beryllium	9-1	672	716	676	688	3.52	cps
Bismuth	209-1	6082146	5717307	5886505	5895319	3.10	cps
Bismuth	209-2	2668836	2762374	2807894	2746368	2.58	cps
Boron	10-1	59628	63504	62706	61946	3.30	cps
Boron	11-1	273843	287707	292894	284815	3.46	cps
Bromine	81-1	132996	146345	153470	144271	7.20	cps
Cadmium	111-1	3313	3315	3149	3259	2.93	cps
Cadmium	106-1	4751	4793	4593	4712	2.24	cps
Cadmium	108-1	54	104	113	90	34.94	cps
Calcium	43-1	425801	427788	422968	425519	0.57	cps
Calcium	44-1	6835255	7125579	7079351	7013395	2.22	cps
Carbon	12-1	21421192	22757971	22302142	22160435	3.07	cps
Carbon	12-2	261431	261773	259650	260951	0.44	cps
Chlorine	35-1	3892486	4348022	4693581	4311363	9.32	cps
Chlorine	35-2	40892	41343	41293	41176	0.60	cps
Chromium	52-2	23867	24004	24207	24026	0.71	cps
Cobalt	59-2	2474	2367	2544	2461	3.61	cps
Copper	63-2	3070	2930	3124	3041	3.28	cps
Dysprosium	156-1	6585	7144	6852	6860	4.07	cps
Dysprosium	156-2	2517	2504	2607	2542	2.21	cps
Erbium	164-1	7144	7577	7369	7363	2.94	cps
Erbium	164-2	2794	2724	2774	2764	1.30	cps
Gadolinium	160-1	6827	6819	6735	6794	0.75	cps
Gadolinium	160-2	2980	3000	2914	2965	1.53	cps
Gold	197-1	17	17	0	11	86.60	cps
Gold	197-2	11	6	0	6	99.97	cps
Holmium	165-1	9767237	9507207	9483657	9586034	1.64	cps
Holmium	165-2	3933732	3966649	4104539	4001640	2.26	cps
Indium	115-1	7799303	7646362	7596585	7680750	1.38	cps
Indium	115-2	1107935	1121656	1125657	1118416	0.83	cps
Iron	56-2	5596977	5666500	5567479	5610319	0.91	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-06	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:53:02	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	135714	134856	133991	134854	0.64	cps
Iron	54-2	304284	297999	299651	300645	1.08	cps
Krypton	83-1	529	491	509	510	3.68	cps
Lead	206-1	2995	2795	3117	2969	5.48	cps
Lead	207-1	2761	2345	2545	2550	8.17	cps
Lead	208-1	11797	10985	11502	11428	3.59	cps
Lithium	6-1	4735297	4869971	4912477	4839248	1.91	cps
Magnesium	24-2	583290	571547	565673	573503	1.56	cps
Manganese	55-2	79658	78974	80446	79693	0.92	cps
Molybdenum	94-1	19206	20340	19464	19670	3.02	cps
Molybdenum	95-1	1000	1100	1192	1097	8.74	cps
Molybdenum	96-1	4834	4468	4459	4587	4.67	cps
Molybdenum	97-1	675	608	458	581	19.12	cps
Molybdenum	98-1	1825	1742	1683	1750	4.07	cps
Neodymium	150-1	7936	7449	7829	7738	3.31	cps
Neodymium	150-2	2434	2300	2107	2280	7.20	cps
Nickel	60-2	2104	1957	1950	2004	4.33	cps
Phosphorus	31-2	1317	1208	1175	1233	6.01	cps
Potassium	39-2	109448	109195	108624	109089	0.39	cps
Rhodium	103-1	7196073	7299537	7190459	7228690	0.85	cps
Rhodium	103-2	3231595	3198690	3235989	3222091	0.63	cps
Scandium	45-1	5910690	6008947	5987741	5969126	0.87	cps
Scandium	45-2	198963	201209	200009	200060	0.56	cps
Selenium	77-2	17	7	0	8	107.84	cps
Selenium	78-2	75	93	83	84	10.78	cps
Selenium	82-1	147	170	150	156	7.92	cps
Silicon	28-1	23908927	23596625	23515648	23673733	0.88	cps
Silver	107-1	142	292	250	228	33.99	cps
Silver	109-1	125	50	150	108	48.04	cps
Sodium	23-2	43779427	43010776	42402617	43064273	1.60	cps
Strontium	86-1	183727	181793	182614	182711	0.53	cps
Strontium	88-1	1687883	1674910	1627676	1663490	1.90	cps
Sulfur	34-1	418518	423713	422219	421483	0.63	cps
Terbium	159-1	9677823	9708413	9669555	9685264	0.21	cps
Terbium	159-2	3915576	3796559	3943350	3885162	2.01	cps
Thallium	203-1	592	492	392	492	20.34	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-06	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:53:02	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1333	1325	1167	1275	7.37	cps
Tin	118-1	1617	1533	1433	1528	6.01	cps
Titanium	47-1	24156	24256	24272	24228	0.26	cps
Uranium	238-1	8336	8203	7828	8122	3.25	cps
Vanadium	51-2	29404	29490	29140	29345	0.62	cps
Ytterbium	172-1	2442	2184	2234	2286	5.99	cps
Ytterbium	172-2	995	1106	1061	1054	5.31	cps
Ytterbium	176-1	2742	2934	2825	2834	3.39	cps
Ytterbium	176-2	7297	7852	7836	7662	4.13	cps
Yttrium	89-1	13479464	13631418	13154800	13421894	1.81	cps
Yttrium	89-2	1522490	1465513	1537200	1508401	2.51	cps
Zinc	66-2	1733	1563	1697	1665	5.38	cps
Zirconium	90-1	53281	52484	52467	52744	0.88	cps
Zirconium	91-1	12431	11238	11472	11714	5.40	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-07	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:56:09	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36589	36668	35541	36266	1.73	cps
Antimony	121-1	992	792	825	870	12.32	cps
Arsenic	75-2	548	520	570	546	4.59	cps
Barium	135-1	71423	72052	71096	71524	0.68	cps
Barium	137-1	121945	124946	123996	123629	1.24	cps
Beryllium	9-1	675	655	651	660	1.93	cps
Bismuth	209-1	5688967	5780397	5754696	5741353	0.82	cps
Bismuth	209-2	2924460	2827204	2712839	2821501	3.75	cps
Boron	10-1	62337	64451	65442	64077	2.47	cps
Boron	11-1	289676	298980	298902	295852	1.81	cps
Bromine	81-1	147227	159301	168873	158467	6.85	cps
Cadmium	111-1	3044	3116	3203	3121	2.55	cps
Cadmium	106-1	4401	4501	4609	4504	2.31	cps
Cadmium	108-1	100	79	75	85	15.81	cps
Calcium	43-1	423193	421211	418588	420998	0.55	cps
Calcium	44-1	6960511	6859214	6783739	6867821	1.29	cps
Carbon	12-1	21224350	21468778	21380024	21357717	0.58	cps
Carbon	12-2	256836	255343	248687	253622	1.71	cps
Chlorine	35-1	4945888	5280312	5450898	5225699	4.92	cps
Chlorine	35-2	47144	48281	48608	48011	1.60	cps
Chromium	52-2	23820	23065	22555	23147	2.75	cps
Cobalt	59-2	2644	2550	2577	2590	1.86	cps
Copper	63-2	4724	4534	4661	4640	2.09	cps
Dysprosium	156-1	6027	6052	5735	5938	2.97	cps
Dysprosium	156-2	2207	2304	2404	2305	4.27	cps
Erbium	164-1	6485	6952	6510	6649	3.95	cps
Erbium	164-2	2547	2554	2434	2511	2.69	cps
Gadolinium	160-1	6110	6652	6310	6357	4.31	cps
Gadolinium	160-2	2750	2680	2630	2687	2.24	cps
Gold	197-1	8	8	0	6	86.60	cps
Gold	197-2	11	0	0	4	173.21	cps
Holmium	165-1	8990022	9393163	9578129	9320438	3.23	cps
Holmium	165-2	4097779	4033756	3942377	4024637	1.94	cps
Indium	115-1	7541891	7492837	7701382	7578703	1.44	cps
Indium	115-2	1118523	1104874	1120126	1114508	0.75	cps
Iron	56-2	6712266	6596572	6466362	6591733	1.87	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-07	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:56:09	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	159229	155042	150341	154870	2.87	cps
Iron	54-2	350709	343566	346618	346964	1.03	cps
Krypton	83-1	491	491	534	505	4.86	cps
Lead	206-1	8308	7958	8331	8199	2.55	cps
Lead	207-1	7152	6602	7097	6950	4.36	cps
Lead	208-1	32600	31916	32311	32276	1.06	cps
Lithium	6-1	5114417	4980034	4969694	5021382	1.61	cps
Magnesium	24-2	582864	578454	570386	577235	1.10	cps
Manganese	55-2	88087	87984	86686	87585	0.89	cps
Molybdenum	94-1	17829	18672	18355	18285	2.33	cps
Molybdenum	95-1	1325	950	1050	1108	17.52	cps
Molybdenum	96-1	4943	4309	4067	4440	10.18	cps
Molybdenum	97-1	725	725	592	681	11.31	cps
Molybdenum	98-1	1500	1550	1758	1603	8.55	cps
Neodymium	150-1	6955	7169	6969	7031	1.70	cps
Neodymium	150-2	2117	1957	1987	2020	4.21	cps
Nickel	60-2	2360	2280	2604	2415	6.98	cps
Phosphorus	31-2	1142	1117	975	1078	8.34	cps
Potassium	39-2	114773	112647	111630	113017	1.42	cps
Rhodium	103-1	7251819	7190117	7282867	7241601	0.65	cps
Rhodium	103-2	3218556	3107028	3197622	3174402	1.87	cps
Scandium	45-1	6058013	6054237	6079851	6064034	0.23	cps
Scandium	45-2	202592	203139	202655	202795	0.15	cps
Selenium	77-2	10	3	13	9	57.30	cps
Selenium	78-2	89	94	88	90	3.56	cps
Selenium	82-1	184	187	172	181	4.31	cps
Silicon	28-1	23331496	23128710	22874746	23111651	0.99	cps
Silver	107-1	150	208	217	192	18.95	cps
Silver	109-1	67	67	108	81	29.86	cps
Sodium	23-2	43213552	44001448	42572024	43262341	1.65	cps
Strontium	86-1	179341	182336	180007	180561	0.87	cps
Strontium	88-1	1621825	1597084	1592455	1603788	0.98	cps
Sulfur	34-1	432712	427736	423868	428105	1.04	cps
Terbium	159-1	9471168	9965930	9303080	9580059	3.60	cps
Terbium	159-2	4055816	3913532	3917620	3962323	2.04	cps
Thallium	203-1	433	592	508	511	15.50	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-07	Instrumnet Name :	P8
Client Sample ID :	MW-10A-7-12-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:56:09	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1092	967	1217	1092	11.45	cps
Tin	118-1	2359	2184	2675	2406	10.36	cps
Titanium	47-1	16376	15792	15784	15984	2.12	cps
Uranium	238-1	7319	7386	7427	7377	0.74	cps
Vanadium	51-2	27079	26902	26491	26824	1.12	cps
Ytterbium	172-1	2167	2209	2050	2142	3.83	cps
Ytterbium	172-2	989	1072	911	991	8.13	cps
Ytterbium	176-1	2850	2967	3334	3050	8.27	cps
Ytterbium	176-2	7247	7397	7941	7528	4.86	cps
Yttrium	89-1	13393035	13442837	13532128	13456000	0.52	cps
Yttrium	89-2	1504389	1528637	1539588	1524205	1.18	cps
Zinc	66-2	1580	1590	1460	1543	4.69	cps
Zirconium	90-1	49799	47583	49129	48837	2.33	cps
Zirconium	91-1	10679	10880	11280	10946	2.79	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-08	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:59:13	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13837	13543	13420	13600	1.58	cps
Antimony	121-1	133	117	142	131	9.75	cps
Arsenic	75-2	282	304	295	294	3.77	cps
Barium	135-1	165495	172734	168459	168896	2.15	cps
Barium	137-1	289301	300361	286935	292199	2.45	cps
Beryllium	9-1	480	491	519	497	4.01	cps
Bismuth	209-1	6226424	6293052	6093286	6204254	1.64	cps
Bismuth	209-2	2960552	2973069	2881214	2938278	1.70	cps
Boron	10-1	14927	14857	14626	14803	1.06	cps
Boron	11-1	66525	66108	65778	66137	0.57	cps
Bromine	81-1	88856	89608	91322	89929	1.41	cps
Cadmium	111-1	3011	2855	3098	2988	4.13	cps
Cadmium	106-1	4284	4076	4426	4262	4.13	cps
Cadmium	108-1	13	21	29	21	40.01	cps
Calcium	43-1	246622	250715	249420	248919	0.84	cps
Calcium	44-1	3937783	4107363	4046413	4030520	2.13	cps
Carbon	12-1	8499630	9271483	9439131	9070081	5.52	cps
Carbon	12-2	111892	117627	117342	115620	2.80	cps
Chlorine	35-1	2610109	2531916	2529286	2557104	1.80	cps
Chlorine	35-2	20473	19030	19171	19558	4.07	cps
Chromium	52-2	2664	2847	2720	2744	3.42	cps
Cobalt	59-2	1897	1907	1623	1809	8.89	cps
Copper	63-2	1673	1713	1807	1731	3.95	cps
Dysprosium	156-1	742	850	692	761	10.63	cps
Dysprosium	156-2	290	337	340	322	8.67	cps
Erbium	164-1	742	883	867	831	9.32	cps
Erbium	164-2	353	327	353	344	4.47	cps
Gadolinium	160-1	833	958	1042	945	11.10	cps
Gadolinium	160-2	373	503	493	457	15.84	cps
Gold	197-1	0	8	0	3	173.21	cps
Gold	197-2	6	0	0	2	173.21	cps
Holmium	165-1	9418776	9456489	9632574	9502613	1.20	cps
Holmium	165-2	4003758	4294335	4094786	4130960	3.60	cps
Indium	115-1	7906755	7855130	7961785	7907890	0.67	cps
Indium	115-2	1158503	1162382	1198582	1173156	1.88	cps
Iron	56-2	11846436	11566093	11498437	11636989	1.59	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-08	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:59:13	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	279444	279790	277948	279061	0.35	cps
Iron	54-2	617957	617473	622806	619412	0.48	cps
Krypton	83-1	571	500	484	518	8.98	cps
Lead	206-1	1722	1856	1789	1789	3.73	cps
Lead	207-1	1533	1578	1556	1556	1.43	cps
Lead	208-1	7090	7340	7234	7221	1.74	cps
Lithium	6-1	5145759	5036990	4956371	5046373	1.88	cps
Magnesium	24-2	523731	522998	514507	520412	0.99	cps
Manganese	55-2	162736	162000	158766	161167	1.31	cps
Molybdenum	94-1	858	958	1075	964	11.25	cps
Molybdenum	95-1	1167	975	1100	1081	9.00	cps
Molybdenum	96-1	1809	1909	1725	1814	5.06	cps
Molybdenum	97-1	767	683	575	675	14.24	cps
Molybdenum	98-1	1850	1884	1759	1831	3.54	cps
Neodymium	150-1	973	1027	833	945	10.57	cps
Neodymium	150-2	293	310	297	300	2.94	cps
Nickel	60-2	1927	2130	2064	2040	5.08	cps
Phosphorus	31-2	1400	1767	1483	1550	12.40	cps
Potassium	39-2	471513	466007	475902	471141	1.05	cps
Rhodium	103-1	7423575	7707115	7631583	7587424	1.94	cps
Rhodium	103-2	3318357	3508665	3494488	3440503	3.08	cps
Scandium	45-1	6039150	6146347	6126853	6104117	0.94	cps
Scandium	45-2	205493	206562	208859	206971	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	77	96	76	83	13.58	cps
Selenium	82-1	-41	54	99	37	192.72	cps
Silicon	28-1	56121816	58078605	55664724	56621715	2.26	cps
Silver	107-1	75	75	117	89	27.07	cps
Silver	109-1	67	92	75	78	16.37	cps
Sodium	23-2	1271323	1296266	1238614	1268734	2.28	cps
Strontium	86-1	267649	278564	271761	272658	2.02	cps
Strontium	88-1	2329764	2550697	2376521	2418994	4.81	cps
Sulfur	34-1	448907	446718	450778	448801	0.45	cps
Terbium	159-1	9522863	9659673	9663463	9615333	0.83	cps
Terbium	159-2	3872838	4223174	3973898	4023303	4.48	cps
Thallium	203-1	517	450	583	517	12.90	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-08	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 15:59:13	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1175	1483	1350	1336	11.57	cps
Tin	118-1	2175	1850	1975	2000	8.20	cps
Titanium	47-1	3835	5595	4770	4733	18.61	cps
Uranium	238-1	683	508	508	567	17.83	cps
Vanadium	51-2	4314	4494	4454	4421	2.14	cps
Ytterbium	172-1	300	267	308	292	7.56	cps
Ytterbium	172-2	150	189	144	161	15.03	cps
Ytterbium	176-1	1617	1692	1492	1600	6.32	cps
Ytterbium	176-2	7124	7147	7424	7232	2.31	cps
Yttrium	89-1	12975298	14112412	13555779	13547829	4.20	cps
Yttrium	89-2	1521772	1590855	1539280	1550636	2.32	cps
Zinc	66-2	2817	2694	2757	2756	2.24	cps
Zirconium	90-1	950	1017	1175	1047	11.04	cps
Zirconium	91-1	167	242	250	219	20.92	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4454-09 Instrumnet Name : P8
 Client Sample ID : MW-13B-45-50-083022 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:02:20 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2311	2284	2306	2300	0.64	cps
Antimony	121-1	92	108	125	108	15.38	cps
Arsenic	75-2	305	299	285	296	3.46	cps
Barium	135-1	151784	154591	151367	152581	1.15	cps
Barium	137-1	266410	260852	263590	263617	1.05	cps
Beryllium	9-1	180	181	164	175	5.58	cps
Bismuth	209-1	5632151	6311952	6333607	6092570	6.55	cps
Bismuth	209-2	3018030	3002025	2885654	2968570	2.43	cps
Boron	10-1	12213	12023	12293	12176	1.14	cps
Boron	11-1	53607	55256	53587	54150	1.77	cps
Bromine	81-1	95614	93366	96593	95191	1.74	cps
Cadmium	111-1	2902	2714	3021	2879	5.39	cps
Cadmium	106-1	4126	3884	4309	4106	5.19	cps
Cadmium	108-1	4	25	17	15	68.61	cps
Calcium	43-1	247601	245315	243635	245517	0.81	cps
Calcium	44-1	4097153	3956286	3763705	3939048	4.25	cps
Carbon	12-1	9456416	10122321	10482970	10020569	5.20	cps
Carbon	12-2	123071	125661	125307	124680	1.13	cps
Chlorine	35-1	2320117	2480582	2461008	2420569	3.62	cps
Chlorine	35-2	18704	19046	19697	19149	2.63	cps
Chromium	52-2	4041	4187	4254	4161	2.62	cps
Cobalt	59-2	1467	1457	1450	1458	0.58	cps
Copper	63-2	2334	2407	2264	2335	3.07	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	83	100	42	75	40.06	cps
Erbium	164-2	27	10	23	20	44.10	cps
Gadolinium	160-1	100	83	100	94	10.18	cps
Gadolinium	160-2	90	120	73	94	25.04	cps
Gold	197-1	8	0	0	3	173.21	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	8424308	9972534	10060911	9485918	9.70	cps
Holmium	165-2	4146378	4094306	4191559	4144081	1.17	cps
Indium	115-1	7214575	8032165	8167030	7804590	6.60	cps
Indium	115-2	1185176	1174732	1183535	1181147	0.48	cps
Iron	56-2	9714768	9858978	9740822	9771523	0.79	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-09	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:02:20	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	234115	228644	230444	231067	1.21	cps
Iron	54-2	528218	517395	501257	515623	2.63	cps
Krypton	83-1	502	469	502	491	3.97	cps
Lead	206-1	1345	1361	1211	1306	6.30	cps
Lead	207-1	1189	1133	1106	1143	3.71	cps
Lead	208-1	5534	5328	5328	5397	2.20	cps
Lithium	6-1	4578544	5121595	5248685	4982941	7.14	cps
Magnesium	24-2	497495	506440	479775	494570	2.74	cps
Manganese	55-2	146216	147082	145569	146289	0.52	cps
Molybdenum	94-1	975	883	950	936	5.06	cps
Molybdenum	95-1	1442	1133	1050	1208	17.08	cps
Molybdenum	96-1	1975	1859	1708	1847	7.24	cps
Molybdenum	97-1	758	783	658	733	9.02	cps
Molybdenum	98-1	1767	1950	1834	1850	5.02	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1873	1600	1773	1749	7.91	cps
Phosphorus	31-2	1408	1517	1417	1447	4.17	cps
Potassium	39-2	452265	442898	449234	448132	1.07	cps
Rhodium	103-1	6753426	7782064	7739292	7424927	7.84	cps
Rhodium	103-2	3466816	3391098	3310603	3389506	2.30	cps
Scandium	45-1	5776701	6174866	6099457	6017008	3.52	cps
Scandium	45-2	207678	207931	211031	208880	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	89	67	69	75	16.22	cps
Selenium	82-1	21	35	19	25	35.00	cps
Silicon	28-1	55324014	54106299	53909287	54446533	1.41	cps
Silver	107-1	100	167	92	119	34.42	cps
Silver	109-1	33	83	33	50	57.75	cps
Sodium	23-2	1268665	1232454	1195644	1232254	2.96	cps
Strontium	86-1	267269	259399	269219	265296	1.96	cps
Strontium	88-1	2374417	2314660	2403802	2364293	1.92	cps
Sulfur	34-1	445085	448109	444583	445926	0.43	cps
Terbium	159-1	8857510	9835666	9960218	9551132	6.32	cps
Terbium	159-2	4013388	3971325	3992822	3992512	0.53	cps
Thallium	203-1	333	408	525	422	22.88	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-09	Instrumnet Name :	P8
Client Sample ID :	MW-13B-45-50-083022	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:02:20	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1075	1058	1058	1064	0.90	cps
Tin	118-1	1967	2317	2042	2109	8.74	cps
Titanium	47-1	1408	1208	1383	1333	8.17	cps
Uranium	238-1	75	83	100	86	14.78	cps
Vanadium	51-2	320	277	257	284	11.38	cps
Ytterbium	172-1	50	92	42	61	43.83	cps
Ytterbium	172-2	11	17	28	19	45.83	cps
Ytterbium	176-1	1408	1392	1533	1445	5.36	cps
Ytterbium	176-2	7458	7141	7569	7389	3.01	cps
Yttrium	89-1	13078733	13398002	14267096	13581277	4.53	cps
Yttrium	89-2	1561080	1543791	1520938	1541937	1.31	cps
Zinc	66-2	5468	5254	4974	5232	4.73	cps
Zirconium	90-1	683	825	842	783	11.11	cps
Zirconium	91-1	133	150	158	147	8.65	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4454-10 Instrumnet Name : P8
 Client Sample ID : MW-07-1.5-11.5-082922 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:05:25 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11219	10804	11188	11071	2.09	cps
Antimony	121-1	408	367	267	347	20.97	cps
Arsenic	75-2	628	599	605	611	2.51	cps
Barium	135-1	64205	60604	62647	62485	2.89	cps
Barium	137-1	109822	105514	107831	107723	2.00	cps
Beryllium	9-1	222	222	224	223	0.32	cps
Bismuth	209-1	6158604	6026131	6078960	6087899	1.10	cps
Bismuth	209-2	2824701	2969087	2964770	2919519	2.81	cps
Boron	10-1	28003	28963	30329	29098	4.02	cps
Boron	11-1	126130	131339	134599	130689	3.27	cps
Bromine	81-1	142273	161742	173197	159071	9.83	cps
Cadmium	111-1	3273	3207	3254	3245	1.04	cps
Cadmium	106-1	4693	4551	4659	4634	1.60	cps
Cadmium	108-1	29	17	29	25	28.86	cps
Calcium	43-1	787068	786192	777858	783706	0.65	cps
Calcium	44-1	13122043	13007377	12721115	12950178	1.59	cps
Carbon	12-1	14202385	15004531	15022426	14743114	3.18	cps
Carbon	12-2	179226	180727	180694	180216	0.48	cps
Chlorine	35-1	4277628	4670659	4987665	4645318	7.66	cps
Chlorine	35-2	41368	41936	43315	42207	2.37	cps
Chromium	52-2	5905	5991	5795	5897	1.67	cps
Cobalt	59-2	1403	1363	1210	1326	7.70	cps
Copper	63-2	3931	4087	4294	4104	4.44	cps
Dysprosium	156-1	1400	1342	1375	1372	2.13	cps
Dysprosium	156-2	517	527	503	516	2.27	cps
Erbium	164-1	1217	1300	1325	1281	4.43	cps
Erbium	164-2	437	480	413	443	7.63	cps
Gadolinium	160-1	1250	1333	1425	1336	6.55	cps
Gadolinium	160-2	613	637	617	622	2.03	cps
Gold	197-1	8	8	8	8	0.00	cps
Gold	197-2	0	11	6	6	99.97	cps
Holmium	165-1	9526742	9757308	9572920	9618990	1.27	cps
Holmium	165-2	4127296	4094971	4149832	4124033	0.67	cps
Indium	115-1	8166843	8028742	8127192	8107593	0.88	cps
Indium	115-2	1163648	1187699	1164267	1171872	1.17	cps
Iron	56-2	16344009	15949791	16223632	16172477	1.25	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-10	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:05:25	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	388543	383872	385751	386056	0.61	cps
Iron	54-2	866336	865701	858046	863361	0.53	cps
Krypton	83-1	496	472	512	494	4.07	cps
Lead	206-1	3028	2661	2478	2723	10.29	cps
Lead	207-1	2328	2178	2228	2245	3.40	cps
Lead	208-1	10480	10141	9813	10144	3.29	cps
Lithium	6-1	5034006	5068969	5144204	5082393	1.11	cps
Magnesium	24-2	1192876	1167672	1150995	1170515	1.80	cps
Manganese	55-2	257666	254000	251266	254310	1.26	cps
Molybdenum	94-1	4959	4951	4826	4912	1.52	cps
Molybdenum	95-1	1092	1058	1250	1133	9.04	cps
Molybdenum	96-1	2634	2484	2675	2598	3.88	cps
Molybdenum	97-1	575	692	717	661	11.44	cps
Molybdenum	98-1	1717	1700	1817	1745	3.62	cps
Neodymium	150-1	1540	1633	1447	1540	6.06	cps
Neodymium	150-2	557	457	467	493	11.16	cps
Nickel	60-2	1043	1167	1060	1090	6.14	cps
Phosphorus	31-2	1242	1058	1000	1100	11.46	cps
Potassium	39-2	593332	576589	580681	583534	1.50	cps
Rhodium	103-1	7328155	7624343	7788894	7580464	3.08	cps
Rhodium	103-2	3417948	3492037	3444552	3451512	1.09	cps
Scandium	45-1	6340335	6330090	6394018	6354814	0.54	cps
Scandium	45-2	208853	209437	207718	208669	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	86	76	76	79	7.28	cps
Selenium	82-1	104	194	105	134	38.47	cps
Silicon	28-1	15972009	16413450	16350988	16245482	1.47	cps
Silver	107-1	158	142	92	131	26.57	cps
Silver	109-1	58	58	58	58	0.01	cps
Sodium	23-2	16440664	16235453	16509005	16395041	0.87	cps
Strontium	86-1	453377	441718	444218	446438	1.37	cps
Strontium	88-1	3924613	3890182	3876952	3897249	0.63	cps
Sulfur	34-1	531710	533391	541342	535481	0.96	cps
Terbium	159-1	10050591	9721450	10136738	9969593	2.20	cps
Terbium	159-2	4022513	4173446	3932292	4042750	3.01	cps
Thallium	203-1	417	367	450	411	10.20	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-10	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:05:25	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	925	1008	1117	1017	9.45	cps
Tin	118-1	1700	1767	1575	1681	5.79	cps
Titanium	47-1	3075	4117	4310	3834	17.32	cps
Uranium	238-1	1725	1617	1650	1664	3.34	cps
Vanadium	51-2	6038	6155	6051	6081	1.05	cps
Ytterbium	172-1	492	358	442	431	15.64	cps
Ytterbium	172-2	244	172	222	213	17.37	cps
Ytterbium	176-1	1859	1750	1925	1845	4.79	cps
Ytterbium	176-2	7252	7569	7147	7323	3.00	cps
Yttrium	89-1	14346683	13822566	13865130	14011460	2.08	cps
Yttrium	89-2	1549091	1573115	1571077	1564428	0.85	cps
Zinc	66-2	2454	2470	2520	2481	1.40	cps
Zirconium	90-1	11997	12665	11096	11919	6.60	cps
Zirconium	91-1	2942	2642	2692	2759	5.83	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-11	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:08:31	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7969	8032	7614	7872	2.87	cps
Antimony	121-1	267	317	350	311	13.48	cps
Arsenic	75-2	699	704	651	685	4.27	cps
Barium	135-1	68610	69874	65761	68082	3.09	cps
Barium	137-1	120967	121153	114193	118771	3.34	cps
Beryllium	9-1	216	214	211	214	1.17	cps
Bismuth	209-1	5594664	5973537	6127724	5898642	4.65	cps
Bismuth	209-2	2922903	2834131	2807296	2854777	2.12	cps
Boron	10-1	32934	33335	33455	33242	0.82	cps
Boron	11-1	141719	148661	153339	147906	3.95	cps
Bromine	81-1	170490	179363	192771	180875	6.20	cps
Cadmium	111-1	3041	2993	3099	3044	1.76	cps
Cadmium	106-1	4326	4301	4451	4359	1.84	cps
Cadmium	108-1	29	38	29	32	15.05	cps
Calcium	43-1	880285	876552	863507	873448	1.01	cps
Calcium	44-1	14798100	14261579	13734985	14264888	3.73	cps
Carbon	12-1	14072099	15081522	15628308	14927310	5.29	cps
Carbon	12-2	187639	185073	185714	186142	0.72	cps
Chlorine	35-1	5008778	5365022	5736388	5370063	6.78	cps
Chlorine	35-2	46517	48633	48984	48045	2.78	cps
Chromium	52-2	5564	5494	5448	5502	1.07	cps
Cobalt	59-2	1267	1253	1140	1220	5.71	cps
Copper	63-2	2384	2230	2264	2292	3.52	cps
Dysprosium	156-1	1200	1350	1242	1264	6.13	cps
Dysprosium	156-2	507	543	473	508	6.90	cps
Erbium	164-1	1258	1058	1125	1147	8.88	cps
Erbium	164-2	583	423	403	470	20.99	cps
Gadolinium	160-1	1100	1275	1225	1200	7.51	cps
Gadolinium	160-2	637	623	623	628	1.23	cps
Gold	197-1	25	0	8	11	114.58	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9952475	9425541	9459510	9612508	3.07	cps
Holmium	165-2	4268900	3953368	3929890	4050719	4.67	cps
Indium	115-1	7780218	8164601	8275467	8073429	3.22	cps
Indium	115-2	1179509	1162740	1138829	1160359	1.76	cps
Iron	56-2	18081009	18226330	17725430	18010923	1.43	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-11	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:08:31	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	436176	428601	427165	430648	1.12	cps
Iron	54-2	977558	961331	934798	957896	2.25	cps
Krypton	83-1	511	434	500	482	8.69	cps
Lead	206-1	2311	2250	2072	2211	5.61	cps
Lead	207-1	1789	2145	1945	1959	9.10	cps
Lead	208-1	8907	9096	8590	8864	2.88	cps
Lithium	6-1	5179908	5017908	5073361	5090392	1.62	cps
Magnesium	24-2	1301235	1293111	1296062	1296803	0.32	cps
Manganese	55-2	280547	284047	275597	280064	1.52	cps
Molybdenum	94-1	5326	5651	5376	5451	3.21	cps
Molybdenum	95-1	1242	1408	1400	1350	6.96	cps
Molybdenum	96-1	3225	3184	3259	3223	1.17	cps
Molybdenum	97-1	892	992	1008	964	6.55	cps
Molybdenum	98-1	2192	2050	2134	2125	3.35	cps
Neodymium	150-1	1480	1487	1447	1471	1.46	cps
Neodymium	150-2	417	467	407	430	7.48	cps
Nickel	60-2	957	950	1050	986	5.67	cps
Phosphorus	31-2	1158	1117	1200	1158	3.60	cps
Potassium	39-2	649831	655600	635249	646893	1.62	cps
Rhodium	103-1	7427991	7730341	7512235	7556856	2.06	cps
Rhodium	103-2	3347937	3362744	3311566	3340749	0.79	cps
Scandium	45-1	6028035	6136706	6290849	6151863	2.15	cps
Scandium	45-2	209514	211046	205486	208682	1.38	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	77	63	70	70	10.00	cps
Selenium	82-1	92	234	169	165	42.85	cps
Silicon	28-1	17386916	17823804	17221857	17477526	1.78	cps
Silver	107-1	75	92	217	128	60.60	cps
Silver	109-1	17	83	50	50	66.67	cps
Sodium	23-2	18468582	18461093	17798169	18242615	2.11	cps
Strontium	86-1	498620	507890	499451	501987	1.02	cps
Strontium	88-1	4399151	4387811	4400252	4395738	0.16	cps
Sulfur	34-1	564028	567335	567299	566220	0.34	cps
Terbium	159-1	9328229	9620035	9998043	9648769	3.48	cps
Terbium	159-2	4225510	4071765	3790081	4029118	5.48	cps
Thallium	203-1	358	408	475	414	14.14	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-11	Instrumnet Name :	P8
Client Sample ID :	MW-07-1.5-11.5-082922	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:08:31	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1000	1033	1067	1033	3.23	cps
Tin	118-1	1250	1400	1133	1261	10.60	cps
Titanium	47-1	2592	2659	2534	2595	2.41	cps
Uranium	238-1	1583	1383	1617	1528	8.26	cps
Vanadium	51-2	6401	6308	6185	6298	1.73	cps
Ytterbium	172-1	442	558	442	481	14.02	cps
Ytterbium	172-2	183	256	167	202	23.41	cps
Ytterbium	176-1	1825	1692	2125	1881	11.80	cps
Ytterbium	176-2	7347	7652	7647	7549	2.32	cps
Yttrium	89-1	13322395	13794819	13950951	13689388	2.39	cps
Yttrium	89-2	1595953	1532184	1452986	1527041	4.69	cps
Zinc	66-2	780	990	927	899	11.98	cps
Zirconium	90-1	13590	13699	12848	13379	3.46	cps
Zirconium	91-1	2917	3217	3234	3123	5.71	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4454-12 Instrumnet Name : P8
 Client Sample ID : OW-02B-18.7-23.7-0830 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:11:36 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11626	10743	10405	10925	5.77	cps
Antimony	121-1	675	608	533	606	11.70	cps
Arsenic	75-2	118	104	105	109	7.16	cps
Barium	135-1	2516282	2465028	2506107	2495805	1.09	cps
Barium	137-1	4311806	4150008	4185677	4215830	2.02	cps
Beryllium	9-1	210	181	157	183	14.37	cps
Bismuth	209-1	5173712	5428496	5464653	5355621	2.96	cps
Bismuth	209-2	2568358	2546122	2535049	2549843	0.67	cps
Boron	10-1	27168	28197	29231	28199	3.66	cps
Boron	11-1	128816	131081	133491	131130	1.78	cps
Bromine	81-1	238813	259877	276230	258307	7.26	cps
Cadmium	111-1	3205	3251	3165	3207	1.35	cps
Cadmium	106-1	4534	4584	4459	4526	1.39	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	1992433	2068970	2020143	2027182	1.91	cps
Calcium	44-1	31187278	31945079	31509008	31547122	1.21	cps
Carbon	12-1	14973661	16060206	16579954	15871274	5.16	cps
Carbon	12-2	198605	197027	198046	197893	0.40	cps
Chlorine	35-1	37511797	42481119	46162127	42051681	10.32	cps
Chlorine	35-2	397962	404052	409986	404000	1.49	cps
Chromium	52-2	2647	2437	2594	2559	4.27	cps
Cobalt	59-2	72038	69713	68575	70109	2.52	cps
Copper	63-2	4621	4551	4654	4609	1.14	cps
Dysprosium	156-1	1375	1608	1350	1445	9.86	cps
Dysprosium	156-2	563	513	550	542	4.78	cps
Erbium	164-1	1200	1150	908	1086	14.36	cps
Erbium	164-2	393	447	410	417	6.55	cps
Gadolinium	160-1	1417	1433	1425	1425	0.58	cps
Gadolinium	160-2	673	707	567	649	11.27	cps
Gold	197-1	0	8	8	6	86.60	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	9532964	9300952	9245404	9359773	1.63	cps
Holmium	165-2	3925494	3884450	3774304	3861416	2.02	cps
Indium	115-1	7086208	7425773	7560149	7357377	3.32	cps
Indium	115-2	1082837	1066007	1060136	1069660	1.10	cps
Iron	56-2	810101996	798236462	799435551	802591336	0.81	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4454-12 Instrumnet Name : P8
 Client Sample ID : OW-02B-18.7-23.7-0830 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:11:36 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	21174340	20677959	20622546	20824948	1.46	cps
Iron	54-2	46495805	43984530	43554791	44678376	3.56	cps
Krypton	83-1	512	470	517	500	5.22	cps
Lead	206-1	11038	11611	11177	11275	2.65	cps
Lead	207-1	9515	10010	9832	9785	2.56	cps
Lead	208-1	44670	46690	45126	45495	2.33	cps
Lithium	6-1	4945009	4971020	4865276	4927102	1.12	cps
Magnesium	24-2	2613186	2476000	2513968	2534385	2.79	cps
Manganese	55-2	2729030	2657162	2617918	2668036	2.11	cps
Molybdenum	94-1	4442	4167	4784	4465	6.92	cps
Molybdenum	95-1	2842	3250	2809	2967	8.29	cps
Molybdenum	96-1	40336	39926	42592	40951	3.51	cps
Molybdenum	97-1	2434	2384	2509	2442	2.58	cps
Molybdenum	98-1	4117	4301	3976	4131	3.95	cps
Neodymium	150-1	2307	2467	2694	2489	7.81	cps
Neodymium	150-2	640	697	703	680	5.12	cps
Nickel	60-2	7676	7869	7319	7621	3.66	cps
Phosphorus	31-2	675	650	658	661	1.93	cps
Potassium	39-2	3698780	3768002	3556364	3674382	2.94	cps
Rhodium	103-1	7037769	6831268	6978241	6949093	1.53	cps
Rhodium	103-2	3045611	3045838	3034426	3041958	0.21	cps
Scandium	45-1	5947377	6126993	6070714	6048361	1.52	cps
Scandium	45-2	200492	204222	199808	201507	1.18	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	79	76	65	73	10.05	cps
Selenium	82-1	175	267	249	230	21.22	cps
Silicon	28-1	55949197	57118751	55858903	56308951	1.25	cps
Silver	107-1	267	175	183	208	24.33	cps
Silver	109-1	108	167	133	136	21.50	cps
Sodium	23-2	190085796	183756992	180226596	184689794	2.70	cps
Strontium	86-1	2858928	2984755	3047824	2963836	3.24	cps
Strontium	88-1	24872567	24315870	25945397	25044611	3.31	cps
Sulfur	34-1	390126	396591	393189	393302	0.82	cps
Terbium	159-1	9586726	9617696	9553380	9585934	0.34	cps
Terbium	159-2	3973333	3656738	3886670	3838914	4.26	cps
Thallium	203-1	575	608	717	633	11.70	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:11:36	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	1525	1642	1917	1695	11.87	cps
Tin	118-1	5051	5510	5326	5296	4.36	cps
Titanium	47-1	2025	1917	3558	2500	36.71	cps
Uranium	238-1	1175	1175	1092	1147	4.19	cps
Vanadium	51-2	260	320	297	292	10.35	cps
Ytterbium	172-1	467	617	625	569	15.65	cps
Ytterbium	172-2	178	217	244	213	15.72	cps
Ytterbium	176-1	1850	1800	1842	1831	1.46	cps
Ytterbium	176-2	6980	6935	6991	6969	0.42	cps
Yttrium	89-1	13445222	13633507	13533822	13537517	0.70	cps
Yttrium	89-2	1502087	1508164	1464442	1491564	1.59	cps
Zinc	66-2	3931	3951	3824	3902	1.75	cps
Zirconium	90-1	1650	1425	1742	1606	10.15	cps
Zirconium	91-1	383	342	442	389	12.92	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:14:39	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	564	536	550	2.50	cps
Antimony	121-1	550	683	575	603	11.76	cps
Arsenic	75-2	95	100	84	93	8.80	cps
Barium	135-1	2258656	2317395	2260209	2278753	1.47	cps
Barium	137-1	3936132	3765920	3912009	3871354	2.38	cps
Beryllium	9-1	139	140	137	139	0.90	cps
Bismuth	209-1	5426229	5511580	5339392	5425734	1.59	cps
Bismuth	209-2	2562469	2574366	2675742	2604192	2.39	cps
Boron	10-1	25998	26599	26585	26394	1.30	cps
Boron	11-1	119244	124764	122758	122255	2.29	cps
Bromine	81-1	241304	262022	273860	259062	6.36	cps
Cadmium	111-1	3352	3256	3087	3232	4.16	cps
Cadmium	106-1	4751	4634	4359	4581	4.39	cps
Cadmium	108-1	33	25	21	26	24.12	cps
Calcium	43-1	1961385	1841524	1848744	1883884	3.57	cps
Calcium	44-1	29785975	29747364	29599416	29710918	0.33	cps
Carbon	12-1	13157911	14002909	14493186	13884669	4.86	cps
Carbon	12-2	167725	171923	175201	171617	2.18	cps
Chlorine	35-1	44705624	47636665	50270915	47537734	5.86	cps
Chlorine	35-2	416365	425284	432958	424869	1.95	cps
Chromium	52-2	1120	1117	1117	1118	0.17	cps
Cobalt	59-2	65671	64794	65339	65268	0.68	cps
Copper	63-2	5628	5901	6075	5868	3.84	cps
Dysprosium	156-1	1050	992	1008	1017	2.96	cps
Dysprosium	156-2	383	367	430	393	8.35	cps
Erbium	164-1	933	858	800	864	7.74	cps
Erbium	164-2	310	323	250	294	13.27	cps
Gadolinium	160-1	1175	1075	1050	1100	6.01	cps
Gadolinium	160-2	510	540	547	532	3.67	cps
Gold	197-1	0	17	0	6	173.21	cps
Gold	197-2	0	6	6	4	86.60	cps
Holmium	165-1	9485249	9659054	9561724	9568676	0.91	cps
Holmium	165-2	3966261	4064696	3981057	4004004	1.33	cps
Indium	115-1	7631761	7250414	7575238	7485804	2.75	cps
Indium	115-2	1096775	1087622	1081996	1088798	0.69	cps
Iron	56-2	769083439	747689794	774610373	763794536	1.86	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:14:39	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	18316166	18799299	19202863	18772776	2.36	cps
Iron	54-2	43161163	41696690	41771525	42209793	1.95	cps
Krypton	83-1	511	509	541	520	3.48	cps
Lead	206-1	1283	1195	1417	1298	8.62	cps
Lead	207-1	1039	1217	1100	1119	8.08	cps
Lead	208-1	5228	5184	5145	5186	0.80	cps
Lithium	6-1	5090681	4958583	4857785	4969016	2.35	cps
Magnesium	24-2	2425682	2449843	2468884	2448136	0.88	cps
Manganese	55-2	2546539	2469299	2504340	2506726	1.54	cps
Molybdenum	94-1	4217	4034	4184	4145	2.36	cps
Molybdenum	95-1	3192	3376	3159	3242	3.60	cps
Molybdenum	96-1	38037	36174	36132	36781	2.96	cps
Molybdenum	97-1	2467	2567	2350	2461	4.41	cps
Molybdenum	98-1	4726	4176	4267	4390	6.72	cps
Neodymium	150-1	1707	1687	1727	1707	1.17	cps
Neodymium	150-2	500	467	480	482	3.48	cps
Nickel	60-2	6708	6665	6858	6744	1.51	cps
Phosphorus	31-2	617	692	683	664	6.19	cps
Potassium	39-2	3526549	3447636	3433119	3469101	1.45	cps
Rhodium	103-1	7220052	6869539	6972987	7020859	2.57	cps
Rhodium	103-2	3210504	3113662	3116900	3147022	1.75	cps
Scandium	45-1	5956205	6026716	6189321	6057414	1.97	cps
Scandium	45-2	201979	199736	205605	202440	1.46	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	76	70	67	71	6.45	cps
Selenium	82-1	231	115	186	177	33.02	cps
Silicon	28-1	50636142	51958295	52436699	51677045	1.80	cps
Silver	107-1	208	217	350	258	30.77	cps
Silver	109-1	225	183	200	203	10.34	cps
Sodium	23-2	170690095	173676671	175091700	173152822	1.30	cps
Strontium	86-1	2745106	2735325	2734523	2738318	0.22	cps
Strontium	88-1	23762873	23229778	23078939	23357197	1.54	cps
Sulfur	34-1	385009	380909	381315	382411	0.59	cps
Terbium	159-1	9477405	10036629	9835286	9783106	2.90	cps
Terbium	159-2	3976271	3912601	3732506	3873793	3.26	cps
Thallium	203-1	983	1183	1108	1092	9.25	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:14:39	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2417	2625	2475	2506	4.29	cps
Tin	118-1	1750	1859	1867	1825	3.57	cps
Titanium	47-1	1183	1183	1433	1267	11.40	cps
Uranium	238-1	750	867	825	814	7.26	cps
Vanadium	51-2	107	103	83	98	12.91	cps
Ytterbium	172-1	525	317	508	450	25.73	cps
Ytterbium	172-2	206	200	172	193	9.27	cps
Ytterbium	176-1	1809	1617	1683	1703	5.71	cps
Ytterbium	176-2	6641	7102	7141	6961	4.00	cps
Yttrium	89-1	13032829	13485714	13526141	13348228	2.05	cps
Yttrium	89-2	1532461	1536300	1434797	1501186	3.83	cps
Zinc	66-2	3240	3230	3214	3228	0.42	cps
Zirconium	90-1	1058	1058	1058	1058	0.00	cps
Zirconium	91-1	200	142	158	167	18.03	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4436-01MS Instrumnet Name : P8
 Client Sample ID : MW-03-1.5-11.5-082922M Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:17:41 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	694266	675895	668840	679667	1.93	cps
Antimony	121-1	2735290	2779585	2746490	2753788	0.84	cps
Arsenic	75-2	93074	91644	90199	91639	1.57	cps
Barium	135-1	3918233	4063501	4169468	4050401	3.11	cps
Barium	137-1	6893274	6859249	6721085	6824536	1.34	cps
Beryllium	9-1	1362470	1340810	1396197	1366492	2.04	cps
Bismuth	209-1	6068289	5711209	5512440	5763979	4.89	cps
Bismuth	209-2	2782361	2697853	2724114	2734776	1.58	cps
Boron	10-1	220213	226539	235945	227566	3.48	cps
Boron	11-1	909372	936891	995658	947307	4.65	cps
Bromine	81-1	198267	222711	232181	217719	8.04	cps
Cadmium	111-1	855948	863032	857447	858809	0.43	cps
Cadmium	106-1	98688	102792	99467	100316	2.17	cps
Cadmium	108-1	64283	65199	65736	65073	1.13	cps
Calcium	43-1	2311723	2244348	2255312	2270461	1.59	cps
Calcium	44-1	36380617	37134440	35868280	36461112	1.75	cps
Carbon	12-1	13323477	14127811	14214571	13888620	3.54	cps
Carbon	12-2	174765	172926	171367	173019	0.98	cps
Chlorine	35-1	15208221	15231618	15309695	15249845	0.35	cps
Chlorine	35-2	119542	118575	113409	117175	2.81	cps
Chromium	52-2	950773	943393	945666	946611	0.40	cps
Cobalt	59-2	1858886	1815514	1790987	1821796	1.89	cps
Copper	63-2	14749879	14608981	14223104	14527322	1.88	cps
Dysprosium	156-1	992	925	1058	992	6.72	cps
Dysprosium	156-2	333	350	367	350	4.76	cps
Erbium	164-1	717	800	858	792	8.99	cps
Erbium	164-2	290	343	247	293	16.51	cps
Gadolinium	160-1	925	925	933	928	0.52	cps
Gadolinium	160-2	483	483	390	452	11.92	cps
Gold	197-1	8	42	8	19	99.00	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9737845	9907328	8772245	9472473	6.46	cps
Holmium	165-2	4187218	4051858	4130566	4123214	1.65	cps
Indium	115-1	7617501	7508906	7172636	7433014	3.12	cps
Indium	115-2	1109238	1125272	1119014	1117841	0.72	cps
Iron	56-2	52592865	52351612	51165111	52036529	1.47	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922M	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:17:41	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1263761	1235628	1212583	1237324	2.07	cps
Iron	54-2	2919806	2949083	2920382	2929757	0.57	cps
Krypton	83-1	457	554	497	503	9.61	cps
Lead	206-1	13720034	13223843	13559055	13500977	1.87	cps
Lead	207-1	11958856	11567308	12006660	11844274	2.04	cps
Lead	208-1	54595323	53639110	54340747	54191727	0.91	cps
Lithium	6-1	5210645	5147491	4791282	5049806	4.48	cps
Magnesium	24-2	11436983	11570203	11105892	11371026	2.10	cps
Manganese	55-2	6406586	6463636	6225375	6365199	1.95	cps
Molybdenum	94-1	7073471	7134070	7129370	7112304	0.47	cps
Molybdenum	95-1	8803962	8808441	8699549	8770651	0.70	cps
Molybdenum	96-1	9809105	9727374	9693257	9743245	0.61	cps
Molybdenum	97-1	5289547	5461160	5323735	5358148	1.70	cps
Molybdenum	98-1	13897087	13971843	13852091	13907007	0.43	cps
Neodymium	150-1	1573	1467	1527	1522	3.51	cps
Neodymium	150-2	363	347	430	380	11.60	cps
Nickel	60-2	449070	451234	437743	446016	1.62	cps
Phosphorus	31-2	1233	1158	1108	1167	5.39	cps
Potassium	39-2	4137211	4078931	3920195	4045446	2.78	cps
Rhodium	103-1	6974099	7304039	6943444	7073861	2.83	cps
Rhodium	103-2	3211975	3298211	3189746	3233311	1.77	cps
Scandium	45-1	5987137	6219566	5765108	5990604	3.79	cps
Scandium	45-2	207487	208443	205099	207010	0.83	cps
Selenium	77-2	2217	2307	2264	2262	1.99	cps
Selenium	78-2	7873	7477	7296	7548	3.91	cps
Selenium	82-1	73191	72762	73303	73085	0.39	cps
Silicon	28-1	24643547	25375672	25007068	25008763	1.46	cps
Silver	107-1	3719875	3454900	3177865	3450880	7.85	cps
Silver	109-1	3746702	3302825	4120210	3723245	10.99	cps
Sodium	23-2	76027393	75099093	72689866	74605451	2.31	cps
Strontium	86-1	1667010	1690569	1739987	1699189	2.19	cps
Strontium	88-1	14570218	14659804	15053089	14761037	1.74	cps
Sulfur	34-1	929327	939746	942052	937042	0.72	cps
Terbium	159-1	10255832	10104934	9056134	9805633	6.66	cps
Terbium	159-2	3994592	4109412	3997530	4033845	1.62	cps
Thallium	203-1	3164683	3148244	3097270	3136732	1.12	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01MS	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922M	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:17:41	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7436136	7575020	7216247	7409134	2.44	cps
Tin	118-1	2722006	2652828	2787025	2720620	2.47	cps
Titanium	47-1	2851321	2923033	2766644	2846999	2.75	cps
Uranium	238-1	10227518	10009486	10582166	10273057	2.81	cps
Vanadium	51-2	786131	775157	778377	779888	0.72	cps
Ytterbium	172-1	617	342	517	492	28.31	cps
Ytterbium	172-2	183	200	250	211	16.44	cps
Ytterbium	176-1	1834	1658	1625	1706	6.56	cps
Ytterbium	176-2	6835	7008	7058	6967	1.67	cps
Yttrium	89-1	13249157	13133682	12636900	13006580	2.50	cps
Yttrium	89-2	1517879	1554724	1516016	1529540	1.43	cps
Zinc	66-2	1354400	1360646	1304396	1339814	2.30	cps
Zirconium	90-1	6062164	6110452	5939550	6037389	1.46	cps
Zirconium	91-1	1418863	1378126	1375132	1390707	1.76	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:29:03	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3829856	3837011	3712030	3792966	1.85	cps
Antimony	121-1	2894129	2899397	2801321	2864949	1.93	cps
Arsenic	75-2	89629	87184	86718	87843	1.78	cps
Barium	135-1	4261151	4143091	4144697	4182980	1.62	cps
Barium	137-1	7159105	7229744	6970595	7119815	1.88	cps
Beryllium	9-1	1390847	1397905	1361975	1383575	1.38	cps
Bismuth	209-1	5815987	5678100	5871494	5788527	1.72	cps
Bismuth	209-2	2814032	2787072	2862705	2821269	1.36	cps
Boron	10-1	295611	311843	306396	304617	2.71	cps
Boron	11-1	1242169	1317996	1333077	1297748	3.75	cps
Bromine	81-1	65794	71197	64214	67068	5.46	cps
Cadmium	111-1	848483	847052	859403	851646	0.79	cps
Cadmium	106-1	103698	102992	100063	102251	1.88	cps
Cadmium	108-1	69465	68327	67205	68332	1.65	cps
Calcium	43-1	6791914	6861272	6764358	6805848	0.73	cps
Calcium	44-1	110422335	112747697	111487927	111552653	1.04	cps
Carbon	12-1	6354653	6547810	6561679	6488047	1.78	cps
Carbon	12-2	81124	80051	80982	80719	0.72	cps
Chlorine	35-1	1473911	1456092	1446637	1458880	0.95	cps
Chlorine	35-2	11280	10796	10462	10846	3.79	cps
Chromium	52-2	1009362	991222	993840	998141	0.98	cps
Cobalt	59-2	1903262	1833073	1886733	1874356	1.96	cps
Copper	63-2	15293752	14223139	14183714	14566869	4.32	cps
Dysprosium	156-1	517	525	550	531	3.27	cps
Dysprosium	156-2	153	157	170	160	5.51	cps
Erbium	164-1	83	75	83	81	5.98	cps
Erbium	164-2	33	27	13	24	41.66	cps
Gadolinium	160-1	383	408	325	372	11.49	cps
Gadolinium	160-2	250	290	240	260	10.18	cps
Gold	197-1	83	25	25	44	75.78	cps
Gold	197-2	100	67	111	93	24.98	cps
Holmium	165-1	10375657	10258936	10175823	10270139	0.98	cps
Holmium	165-2	4279428	4523826	4408157	4403804	2.78	cps
Indium	115-1	8118981	8114721	7868472	8034058	1.79	cps
Indium	115-2	1184913	1183443	1210982	1193113	1.30	cps
Iron	56-2	215103883	211096416	214219710	213473336	0.99	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:29:03	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	5513207	5270503	5365383	5383031	2.27	cps
Iron	54-2	12465580	11894732	11646502	12002272	3.50	cps
Krypton	83-1	521	556	467	515	8.68	cps
Lead	206-1	14029174	13745409	14220020	13998201	1.71	cps
Lead	207-1	12131976	12630055	12692635	12484889	2.46	cps
Lead	208-1	55685191	56116114	56783260	56194855	0.98	cps
Lithium	6-1	5401984	5229195	5240130	5290436	1.83	cps
Magnesium	24-2	45283346	45834614	45330966	45482975	0.67	cps
Manganese	55-2	5817340	5694062	5679591	5730331	1.32	cps
Molybdenum	94-1	13465378	13113365	12703111	13093951	2.91	cps
Molybdenum	95-1	18876070	18695421	18371905	18647799	1.37	cps
Molybdenum	96-1	20232474	20652644	20249533	20378217	1.17	cps
Molybdenum	97-1	11931371	11447966	11142736	11507357	3.46	cps
Molybdenum	98-1	29855811	29784467	29394089	29678123	0.84	cps
Neodymium	150-1	433	440	393	422	5.98	cps
Neodymium	150-2	23	27	20	23	14.29	cps
Nickel	60-2	474921	467577	475226	472574	0.92	cps
Phosphorus	31-2	44318	43015	43993	43775	1.55	cps
Potassium	39-2	17335455	16729235	17868793	17311161	3.29	cps
Rhodium	103-1	7818247	7372348	7315832	7502142	3.67	cps
Rhodium	103-2	3320912	3196310	3343141	3286788	2.41	cps
Scandium	45-1	6497692	6498590	6392713	6462998	0.94	cps
Scandium	45-2	217866	218308	220967	219047	0.77	cps
Selenium	77-2	2324	2354	2447	2375	2.71	cps
Selenium	78-2	8058	7804	7785	7882	1.94	cps
Selenium	82-1	74839	74353	74709	74633	0.34	cps
Silicon	28-1	15573437	15762102	15313202	15549581	1.45	cps
Silver	107-1	4638899	4586390	4456459	4560583	2.06	cps
Silver	109-1	4377943	4324144	4250977	4317688	1.48	cps
Sodium	23-2	95211579	91681590	93243042	93378737	1.89	cps
Strontium	86-1	31201441	30771587	30235877	30736302	1.57	cps
Strontium	88-1	271242673	272711848	264501631	269485384	1.62	cps
Sulfur	34-1	959354	970244	943172	957590	1.42	cps
Terbium	159-1	10820259	10264173	10419296	10501243	2.73	cps
Terbium	159-2	4417338	4299142	4322701	4346394	1.44	cps
Thallium	203-1	3353138	3168071	3372908	3298039	3.43	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:29:03	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7836676	7750384	7853671	7813577	0.71	cps
Tin	118-1	3030392	2927830	3024135	2994119	1.92	cps
Titanium	47-1	6143706	6178379	6113927	6145337	0.52	cps
Uranium	238-1	11126973	11420730	10923178	11156960	2.24	cps
Vanadium	51-2	831069	814546	811546	819054	1.28	cps
Ytterbium	172-1	158	133	83	125	30.55	cps
Ytterbium	172-2	72	67	72	70	4.55	cps
Ytterbium	176-1	8828	9162	9053	9014	1.89	cps
Ytterbium	176-2	10693	10955	11361	11003	3.06	cps
Yttrium	89-1	14628420	14474312	14463341	14522024	0.64	cps
Yttrium	89-2	1623241	1591335	1648748	1621108	1.77	cps
Zinc	66-2	1629224	1569597	1573303	1590708	2.10	cps
Zirconium	90-1	6516573	6702553	6531793	6583640	1.57	cps
Zirconium	91-1	1525120	1472441	1510823	1502794	1.81	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:53:46 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189	222	210	207	8.24	cps
Antimony	121-1	650	917	1225	931	30.92	cps
Arsenic	75-2	20	5	14	13	58.08	cps
Barium	135-1	233	367	208	269	31.59	cps
Barium	137-1	258	442	425	375	27.03	cps
Beryllium	9-1	162	197	204	188	11.83	cps
Bismuth	209-1	6763979	6888908	6779869	6810919	1.00	cps
Bismuth	209-2	3182226	3151624	3292058	3208636	2.30	cps
Boron	10-1	13349	12901	12369	12873	3.81	cps
Boron	11-1	58048	55730	55404	56394	2.56	cps
Bromine	81-1	64817	66225	65964	65669	1.14	cps
Cadmium	111-1	3283	3202	3061	3182	3.53	cps
Cadmium	106-1	4634	4501	4367	4501	2.96	cps
Cadmium	108-1	46	33	54	44	23.60	cps
Calcium	43-1	509	666	514	563	15.90	cps
Calcium	44-1	13158	15888	13225	14090	11.05	cps
Carbon	12-1	4499208	4427065	4463726	4463333	0.81	cps
Carbon	12-2	51992	52202	53531	52575	1.59	cps
Chlorine	35-1	447370	450942	446054	448122	0.56	cps
Chlorine	35-2	3534	3400	2967	3300	8.98	cps
Chromium	52-2	760	747	720	742	2.74	cps
Cobalt	59-2	100	90	107	99	8.48	cps
Copper	63-2	1813	1887	1887	1862	2.27	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	7	7	23	12	78.69	cps
Gadolinium	160-1	50	67	50	56	17.32	cps
Gadolinium	160-2	127	110	113	117	7.56	cps
Gold	197-1	0	8	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10566321	10639269	10284513	10496701	1.78	cps
Holmium	165-2	4102397	4326587	4358986	4262656	3.28	cps
Indium	115-1	8659792	8626906	8404635	8563778	1.62	cps
Indium	115-2	1232588	1225486	1262103	1240059	1.57	cps
Iron	56-2	14881	18071	18264	17072	11.13	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:53:46	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	389	444	483	439	10.81	cps
Iron	54-2	1856	1806	1939	1867	3.61	cps
Krypton	83-1	511	535	510	519	2.72	cps
Lead	206-1	1233	1289	1150	1224	5.71	cps
Lead	207-1	1067	1117	1072	1085	2.53	cps
Lead	208-1	4856	5751	4895	5167	9.79	cps
Lithium	6-1	5437719	5623048	5480955	5513907	1.76	cps
Magnesium	24-2	1967	2367	2709	2348	15.82	cps
Manganese	55-2	387	400	353	380	6.33	cps
Molybdenum	94-1	1717	1658	1325	1567	13.49	cps
Molybdenum	95-1	2200	2134	1800	2045	10.48	cps
Molybdenum	96-1	2384	2809	2125	2439	14.15	cps
Molybdenum	97-1	1558	1458	1258	1425	10.72	cps
Molybdenum	98-1	3275	3576	3092	3314	7.36	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	90	67	80	79	14.84	cps
Phosphorus	31-2	617	525	625	589	9.42	cps
Potassium	39-2	23111	22860	23745	23239	1.96	cps
Rhodium	103-1	8448842	8173707	8201999	8274849	1.83	cps
Rhodium	103-2	3614294	3701126	3594113	3636511	1.56	cps
Scandium	45-1	6536835	6599430	6583262	6573176	0.49	cps
Scandium	45-2	215012	213557	211600	213390	0.80	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	59	70	66	65	8.56	cps
Selenium	82-1	49	39	38	42	14.79	cps
Silicon	28-1	701994	695963	706956	701638	0.78	cps
Silver	107-1	283	350	192	275	28.91	cps
Silver	109-1	275	275	283	278	1.73	cps
Sodium	23-2	44295	44135	43851	44093	0.51	cps
Strontium	86-1	1725	2292	1700	1906	17.56	cps
Strontium	88-1	8488	15891	8897	11092	37.51	cps
Sulfur	34-1	338625	336024	331179	335276	1.13	cps
Terbium	159-1	10398172	10869271	10680512	10649318	2.23	cps
Terbium	159-2	4329399	4153738	4403561	4295566	2.99	cps
Thallium	203-1	1067	1108	1125	1100	2.73	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:53:46	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2400	2942	2692	2678	10.13	cps
Tin	118-1	2467	2634	2575	2559	3.31	cps
Titanium	47-1	350	675	425	483	35.21	cps
Uranium	238-1	342	592	292	408	39.36	cps
Vanadium	51-2	57	37	33	42	29.89	cps
Ytterbium	172-1	42	42	58	47	20.38	cps
Ytterbium	172-2	11	11	33	19	69.28	cps
Ytterbium	176-1	1517	1458	1517	1497	2.25	cps
Ytterbium	176-2	7436	8047	8203	7895	5.14	cps
Yttrium	89-1	14990567	14720786	15012047	14907800	1.09	cps
Yttrium	89-2	1568306	1599449	1692851	1620202	4.00	cps
Zinc	66-2	300	370	307	326	11.87	cps
Zirconium	90-1	900	867	1042	936	9.93	cps
Zirconium	91-1	150	125	200	158	24.12	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4436-01MSD Instrumnet Name : P8
 Client Sample ID : MW-03-1.5-11.5-082922M Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:56:56 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	793016	804141	778591	791916	1.62	cps
Antimony	121-1	3088548	3028379	3115902	3077610	1.45	cps
Arsenic	75-2	102662	103322	100647	102210	1.36	cps
Barium	135-1	4710143	4673578	4704422	4696048	0.42	cps
Barium	137-1	7790919	7748165	7995664	7844916	1.69	cps
Beryllium	9-1	1580779	1539512	1557955	1559415	1.33	cps
Bismuth	209-1	5952565	6177699	6300811	6143692	2.87	cps
Bismuth	209-2	2944052	2635826	2767805	2782561	5.56	cps
Boron	10-1	247186	257280	259735	254734	2.61	cps
Boron	11-1	1025516	1093279	1091900	1070232	3.62	cps
Bromine	81-1	177451	197758	201027	192079	6.65	cps
Cadmium	111-1	987841	993910	974312	985354	1.02	cps
Cadmium	106-1	116492	116031	116990	116504	0.41	cps
Cadmium	108-1	74320	74740	76067	75042	1.22	cps
Calcium	43-1	2544993	2502535	2444308	2497279	2.02	cps
Calcium	44-1	39007028	39903751	38269098	39059959	2.10	cps
Carbon	12-1	11481485	11765567	12426485	11891179	4.08	cps
Carbon	12-2	154819	158229	157867	156972	1.19	cps
Chlorine	35-1	4903328	5288509	5644432	5278756	7.02	cps
Chlorine	35-2	50790	53466	55700	53319	4.61	cps
Chromium	52-2	1137129	1119263	1101339	1119244	1.60	cps
Cobalt	59-2	2203548	2108602	2083131	2131760	2.98	cps
Copper	63-2	16672661	16499982	16956351	16709664	1.38	cps
Dysprosium	156-1	1225	1167	1033	1142	8.61	cps
Dysprosium	156-2	343	430	407	393	11.40	cps
Erbium	164-1	742	775	850	789	7.03	cps
Erbium	164-2	343	357	360	353	2.50	cps
Gadolinium	160-1	1158	1050	958	1056	9.48	cps
Gadolinium	160-2	567	493	470	510	9.89	cps
Gold	197-1	0	0	0	0	0.00	cps
Gold	197-2	6	0	11	6	99.97	cps
Holmium	165-1	9862018	10386420	10625685	10291374	3.80	cps
Holmium	165-2	4505281	3760099	4095396	4120259	9.06	cps
Indium	115-1	7798805	8247423	8225114	8090447	3.12	cps
Indium	115-2	1204231	1033055	1139015	1125433	7.68	cps
Iron	56-2	60346647	59786911	59453799	59862452	0.75	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4436-01MSD Instrumnet Name : P8
 Client Sample ID : MW-03-1.5-11.5-082922M Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 16:56:56 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1570586	1499117	1490846	1520183	2.88	cps
Iron	54-2	3433026	3392254	3388893	3404724	0.72	cps
Krypton	83-1	486	512	515	505	3.16	cps
Lead	206-1	15239784	14776003	15152369	15056052	1.64	cps
Lead	207-1	13542397	13238578	12896249	13225741	2.44	cps
Lead	208-1	60512736	59703772	59590485	59935665	0.84	cps
Lithium	6-1	5443415	5374732	5523888	5447345	1.37	cps
Magnesium	24-2	12316392	12759278	12285993	12453888	2.13	cps
Manganese	55-2	7271158	7401861	7341999	7338339	0.89	cps
Molybdenum	94-1	7927719	8162851	8340076	8143549	2.54	cps
Molybdenum	95-1	9776092	10034635	10318359	10043029	2.70	cps
Molybdenum	96-1	10919130	10871582	10702241	10830984	1.05	cps
Molybdenum	97-1	6071171	6082071	6290626	6147956	2.01	cps
Molybdenum	98-1	15685985	15494159	16053605	15744583	1.81	cps
Neodymium	150-1	1907	1707	1640	1751	7.93	cps
Neodymium	150-2	400	377	430	402	6.65	cps
Nickel	60-2	507484	501324	492822	500543	1.47	cps
Phosphorus	31-2	1225	1292	1383	1300	6.12	cps
Potassium	39-2	4674607	4705443	4562757	4647602	1.62	cps
Rhodium	103-1	7547048	7930817	7979614	7819160	3.03	cps
Rhodium	103-2	3424459	2972099	3247470	3214676	7.09	cps
Scandium	45-1	6311115	6615640	6624215	6516990	2.74	cps
Scandium	45-2	220251	191403	210392	207349	7.07	cps
Selenium	77-2	2707	2800	2470	2659	6.40	cps
Selenium	78-2	8872	8977	8752	8867	1.27	cps
Selenium	82-1	84547	83457	83267	83757	0.82	cps
Silicon	28-1	26303072	26701054	26701064	26568397	0.86	cps
Silver	107-1	3496915	3591402	4073127	3720481	8.31	cps
Silver	109-1	3164077	4033916	2974892	3390962	16.66	cps
Sodium	23-2	82829821	84122610	81113771	82688734	1.83	cps
Strontium	86-1	1961242	2035448	2009202	2001964	1.88	cps
Strontium	88-1	16353722	16932013	16747796	16677844	1.77	cps
Sulfur	34-1	961672	952652	949262	954528	0.67	cps
Terbium	159-1	10492533	10558318	10829706	10626852	1.68	cps
Terbium	159-2	4349892	3665388	4097915	4037732	8.57	cps
Thallium	203-1	3687738	3562191	3676304	3642078	1.91	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01MSD	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922M	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:56:56	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	8596431	8194320	8721311	8504021	3.24	cps
Tin	118-1	3072235	3113588	3197956	3127926	2.05	cps
Titanium	47-1	3186852	3216810	3256254	3219972	1.08	cps
Uranium	238-1	12023154	11926719	11610869	11853581	1.82	cps
Vanadium	51-2	921224	942829	907534	923862	1.93	cps
Ytterbium	172-1	425	500	367	431	15.52	cps
Ytterbium	172-2	161	189	194	181	9.84	cps
Ytterbium	176-1	1742	1817	1825	1795	2.56	cps
Ytterbium	176-2	7686	6669	7519	7291	7.48	cps
Yttrium	89-1	14553324	15279706	14606316	14813115	2.73	cps
Yttrium	89-2	1625131	1440132	1545432	1536898	6.04	cps
Zinc	66-2	1565888	1602031	1530447	1566122	2.29	cps
Zirconium	90-1	7013902	6872394	6869480	6918592	1.19	cps
Zirconium	91-1	1548720	1596633	1629366	1591573	2.55	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01A	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922/	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:59:54	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	775735	755938	740491	757388	2.33	cps
Antimony	121-1	3143554	3112052	3051131	3102245	1.51	cps
Arsenic	75-2	102188	100798	98214	100400	2.01	cps
Barium	135-1	4440794	4616022	4608589	4555135	2.18	cps
Barium	137-1	7832939	7752363	7733138	7772814	0.68	cps
Beryllium	9-1	1536465	1476674	1495413	1502850	2.03	cps
Bismuth	209-1	5992964	6261839	6273918	6176240	2.57	cps
Bismuth	209-2	2946222	3003089	2985369	2978226	0.98	cps
Boron	10-1	252946	263369	268108	261475	2.97	cps
Boron	11-1	1055867	1121380	1101666	1092971	3.08	cps
Bromine	81-1	199239	216286	223355	212960	5.82	cps
Cadmium	111-1	931366	946816	956147	944776	1.32	cps
Cadmium	106-1	109897	108568	113644	110703	2.38	cps
Cadmium	108-1	72934	72599	73541	73025	0.65	cps
Calcium	43-1	2463945	2547465	2494741	2502051	1.69	cps
Calcium	44-1	38639000	39851387	38029991	38840126	2.39	cps
Carbon	12-1	11632905	12263417	12753142	12216488	4.60	cps
Carbon	12-2	156411	157546	159039	157665	0.84	cps
Chlorine	35-1	6670063	7293801	7589013	7184292	6.53	cps
Chlorine	35-2	65591	66746	68563	66967	2.24	cps
Chromium	52-2	1086773	1065200	1041247	1064407	2.14	cps
Cobalt	59-2	2059717	2068432	1974235	2034128	2.56	cps
Copper	63-2	16138883	15774621	15695945	15869816	1.49	cps
Dysprosium	156-1	1158	1050	1092	1100	4.97	cps
Dysprosium	156-2	467	453	387	436	9.84	cps
Erbium	164-1	758	933	1042	911	15.69	cps
Erbium	164-2	410	367	360	379	7.16	cps
Gadolinium	160-1	975	933	942	950	2.32	cps
Gadolinium	160-2	553	607	463	541	13.39	cps
Gold	197-1	0	17	25	14	91.65	cps
Gold	197-2	0	6	6	4	86.60	cps
Holmium	165-1	10349303	10354404	10493952	10399220	0.79	cps
Holmium	165-2	4496193	4410097	4377845	4428045	1.38	cps
Indium	115-1	8257529	8079814	8365765	8234369	1.75	cps
Indium	115-2	1197679	1219817	1202973	1206823	0.96	cps
Iron	56-2	59159922	57978362	55911676	57683320	2.85	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01A	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922/	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:59:54	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	1543458	1462031	1451748	1485746	3.38	cps
Iron	54-2	3380137	3386460	3222029	3329542	2.80	cps
Krypton	83-1	537	487	506	510	4.95	cps
Lead	206-1	14342607	14696975	14536274	14525285	1.22	cps
Lead	207-1	12576632	12793469	13045123	12805075	1.83	cps
Lead	208-1	57736632	58547136	58925884	58403217	1.04	cps
Lithium	6-1	5589056	5452576	5433472	5491701	1.55	cps
Magnesium	24-2	12458423	12589773	12198510	12415569	1.60	cps
Manganese	55-2	7260035	7203713	7031522	7165090	1.66	cps
Molybdenum	94-1	7694452	7910610	7997319	7867461	1.98	cps
Molybdenum	95-1	9287071	9866617	9520062	9557917	3.05	cps
Molybdenum	96-1	10441854	10407412	10844058	10564441	2.30	cps
Molybdenum	97-1	5840448	5897925	5995912	5911429	1.33	cps
Molybdenum	98-1	15131931	15345736	15034987	15170885	1.05	cps
Neodymium	150-1	1807	1740	1794	1780	1.98	cps
Neodymium	150-2	387	370	377	378	2.22	cps
Nickel	60-2	498413	497547	478548	491503	2.28	cps
Phosphorus	31-2	1333	1142	1017	1164	13.70	cps
Potassium	39-2	4579204	4549844	4402149	4510399	2.10	cps
Rhodium	103-1	7700097	7731111	7939272	7790160	1.67	cps
Rhodium	103-2	3486524	3444587	3508787	3479966	0.94	cps
Scandium	45-1	6534617	6706557	6535123	6592099	1.50	cps
Scandium	45-2	220889	225090	221669	222549	1.00	cps
Selenium	77-2	2630	2490	2307	2476	6.55	cps
Selenium	78-2	8363	8715	8469	8516	2.12	cps
Selenium	82-1	79505	79330	80738	79858	0.96	cps
Silicon	28-1	27643443	27460370	27070916	27391577	1.07	cps
Silver	107-1	2328144	2950548	3551836	2943509	20.79	cps
Silver	109-1	2786780	2850465	4114314	3250520	23.03	cps
Sodium	23-2	83182391	82806381	80957621	82315464	1.45	cps
Strontium	86-1	1912500	1998931	1999187	1970206	2.54	cps
Strontium	88-1	16017778	16760730	16455651	16411386	2.28	cps
Sulfur	34-1	964918	964485	959898	963100	0.29	cps
Terbium	159-1	10310556	10893605	10764810	10656324	2.87	cps
Terbium	159-2	4266149	4281733	4400422	4316101	1.70	cps
Thallium	203-1	3513585	3402418	3530583	3482195	2.00	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4436-01A	Instrumnet Name :	P8
Client Sample ID :	MW-03-1.5-11.5-082922/	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 16:59:54	DataFile Name :	049AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	8060589	8078369	8175161	8104706	0.76	cps
Tin	118-1	2930259	3032996	3113886	3025714	3.04	cps
Titanium	47-1	3068244	3275639	3131638	3158507	3.36	cps
Uranium	238-1	11229132	11700364	11562343	11497279	2.11	cps
Vanadium	51-2	908371	896583	857049	887334	3.03	cps
Ytterbium	172-1	467	525	500	497	5.89	cps
Ytterbium	172-2	150	244	211	202	23.73	cps
Ytterbium	176-1	2017	1909	2059	1995	3.88	cps
Ytterbium	176-2	7608	8447	8303	8119	5.53	cps
Yttrium	89-1	14475233	14530412	14988708	14664784	1.92	cps
Yttrium	89-2	1630800	1631485	1700237	1654174	2.41	cps
Zinc	66-2	1591338	1538536	1508440	1546105	2.71	cps
Zirconium	90-1	6712166	6474984	6710756	6632635	2.06	cps
Zirconium	91-1	1519671	1566791	1536664	1541042	1.55	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4454-12DLX5 Instrumnet Name : P8
 Client Sample ID : OW-02B-18.7-23.7-0830 Dilution Factor : 5
 Date & Time Acquired : 2022-08-31 17:02:50 DataFile Name : 050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2865	2446	2435	2582	9.50	cps
Antimony	121-1	1350	1767	2392	1836	28.56	cps
Arsenic	75-2	84	49	35	56	45.07	cps
Barium	135-1	500882	517888	510344	509705	1.67	cps
Barium	137-1	876564	896144	880436	884381	1.17	cps
Beryllium	9-1	250	256	259	255	1.77	cps
Bismuth	209-1	6120727	6180397	6240614	6180579	0.97	cps
Bismuth	209-2	3056921	3063608	2955409	3025313	2.00	cps
Boron	10-1	30816	28806	28242	29288	4.62	cps
Boron	11-1	135544	128234	123551	129109	4.68	cps
Bromine	81-1	126338	124830	131227	127465	2.62	cps
Cadmium	111-1	3250	3464	3590	3435	5.00	cps
Cadmium	106-1	4568	4768	4959	4765	4.11	cps
Cadmium	108-1	38	4	33	25	72.64	cps
Calcium	43-1	423658	417976	412442	418026	1.34	cps
Calcium	44-1	6948976	6750782	6766915	6822224	1.61	cps
Carbon	12-1	7275364	7511274	7456587	7414408	1.67	cps
Carbon	12-2	87612	86882	85280	86591	1.38	cps
Chlorine	35-1	8123782	8669198	9071503	8621495	5.52	cps
Chlorine	35-2	76000	77357	78881	77413	1.86	cps
Chromium	52-2	1257	1073	1070	1133	9.43	cps
Cobalt	59-2	15522	14965	14945	15144	2.16	cps
Copper	63-2	3745	2044	2264	2684	34.49	cps
Dysprosium	156-1	325	458	467	417	19.08	cps
Dysprosium	156-2	137	100	110	116	16.40	cps
Erbium	164-1	300	283	300	294	3.27	cps
Erbium	164-2	87	117	100	101	14.87	cps
Gadolinium	160-1	317	350	392	353	10.65	cps
Gadolinium	160-2	273	227	217	239	12.66	cps
Gold	197-1	17	0	0	6	173.21	cps
Gold	197-2	6	0	6	4	86.60	cps
Holmium	165-1	10113004	10583179	10447321	10381168	2.33	cps
Holmium	165-2	4344910	4282532	4192205	4273216	1.80	cps
Indium	115-1	8344060	8391568	8318667	8351432	0.44	cps
Indium	115-2	1252945	1252898	1199707	1235184	2.49	cps
Iron	56-2	178283865	180402215	181373326	180019802	0.88	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:02:50	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4498339	4493951	4635955	4542748	1.78	cps
Iron	54-2	9869961	10065414	9980381	9971919	0.98	cps
Krypton	83-1	541	476	514	510	6.39	cps
Lead	206-1	3467	3745	3295	3502	6.49	cps
Lead	207-1	3028	3000	3034	3021	0.59	cps
Lead	208-1	13975	14292	13942	14070	1.37	cps
Lithium	6-1	5463020	5335700	5448768	5415829	1.29	cps
Magnesium	24-2	557372	536261	538977	544203	2.11	cps
Manganese	55-2	557325	557731	565806	560287	0.85	cps
Molybdenum	94-1	3150	2659	2842	2884	8.62	cps
Molybdenum	95-1	3634	3717	3592	3648	1.75	cps
Molybdenum	96-1	13644	12773	12698	13038	4.03	cps
Molybdenum	97-1	2475	2309	2309	2364	4.07	cps
Molybdenum	98-1	6285	5034	5568	5629	11.15	cps
Neodymium	150-1	553	560	620	578	6.36	cps
Neodymium	150-2	133	147	177	152	14.58	cps
Nickel	60-2	1710	1807	1747	1755	2.78	cps
Phosphorus	31-2	642	817	742	733	11.97	cps
Potassium	39-2	764830	793918	771038	776595	1.97	cps
Rhodium	103-1	7935216	8165765	8220193	8107058	1.87	cps
Rhodium	103-2	3641791	3482288	3369745	3497941	3.91	cps
Scandium	45-1	6265362	6504218	6509720	6426433	2.17	cps
Scandium	45-2	221976	215013	214827	217272	1.88	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	88	87	65	80	16.25	cps
Selenium	82-1	151	136	127	138	8.68	cps
Silicon	28-1	12450473	12789758	12383617	12541283	1.74	cps
Silver	107-1	742	658	792	731	9.22	cps
Silver	109-1	708	708	558	658	13.15	cps
Sodium	23-2	40693210	39651602	38745095	39696636	2.46	cps
Strontium	86-1	608850	612177	602885	607971	0.77	cps
Strontium	88-1	5495697	5498622	5433031	5475783	0.68	cps
Sulfur	34-1	348947	351880	358514	353114	1.39	cps
Terbium	159-1	10471644	11160968	10317247	10649953	4.22	cps
Terbium	159-2	4288668	4256769	4253922	4266453	0.45	cps
Thallium	203-1	1258	1125	1200	1195	5.60	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-12DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:02:50	DataFile Name :	050AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2900	2875	2817	2864	1.49	cps
Tin	118-1	3184	3242	3392	3273	3.28	cps
Titanium	47-1	683	750	775	736	6.44	cps
Uranium	238-1	533	475	367	458	18.45	cps
Vanadium	51-2	247	77	63	129	79.31	cps
Ytterbium	172-1	200	217	158	192	15.68	cps
Ytterbium	172-2	100	67	67	78	24.74	cps
Ytterbium	176-1	1600	1567	1675	1614	3.44	cps
Ytterbium	176-2	7930	7547	7702	7727	2.50	cps
Yttrium	89-1	14272408	14335549	15003182	14537046	2.79	cps
Yttrium	89-2	1690783	1575109	1545055	1603649	4.80	cps
Zinc	66-2	1337	1247	1153	1246	7.36	cps
Zirconium	90-1	842	1108	1258	1070	19.73	cps
Zirconium	91-1	225	275	333	278	19.52	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : N4454-13DLX5 Instrumnet Name : P8
 Client Sample ID : OW-02B-18.7-23.7-0830 Dilution Factor : 5
 Date & Time Acquired : 2022-08-31 17:05:57 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222	187	234	215	11.24	cps
Antimony	121-1	408	575	800	594	33.07	cps
Arsenic	75-2	28	26	29	28	5.52	cps
Barium	135-1	469721	458683	448642	459015	2.30	cps
Barium	137-1	801982	796617	797757	798785	0.35	cps
Beryllium	9-1	194	180	201	192	5.62	cps
Bismuth	209-1	6306147	6315411	6565054	6395537	2.30	cps
Bismuth	209-2	3563090	3119938	3082408	3255145	8.21	cps
Boron	10-1	18346	18832	18138	18439	1.93	cps
Boron	11-1	80004	82412	80764	81060	1.52	cps
Bromine	81-1	106664	111921	115050	111211	3.81	cps
Cadmium	111-1	3234	3226	3423	3294	3.39	cps
Cadmium	106-1	4518	4559	4834	4637	3.71	cps
Cadmium	108-1	29	17	46	31	47.88	cps
Calcium	43-1	384592	389204	395597	389798	1.42	cps
Calcium	44-1	6418377	6347499	6638598	6468158	2.35	cps
Carbon	12-1	6436467	6601203	6587969	6541880	1.40	cps
Carbon	12-2	78057	78526	77153	77912	0.90	cps
Chlorine	35-1	8115086	8802893	9398527	8772169	7.32	cps
Chlorine	35-2	79645	78463	79335	79147	0.77	cps
Chromium	52-2	773	967	753	831	14.18	cps
Cobalt	59-2	14264	14130	14497	14297	1.30	cps
Copper	63-2	2497	2690	2707	2631	4.44	cps
Dysprosium	156-1	208	225	292	242	18.25	cps
Dysprosium	156-2	87	43	83	71	33.91	cps
Erbium	164-1	200	217	183	200	8.33	cps
Erbium	164-2	50	93	100	81	33.47	cps
Gadolinium	160-1	383	225	200	269	36.90	cps
Gadolinium	160-2	217	187	180	194	10.05	cps
Gold	197-1	0	8	17	8	100.02	cps
Gold	197-2	0	6	0	2	173.21	cps
Holmium	165-1	10435058	10265231	10425688	10375325	0.92	cps
Holmium	165-2	5052982	4450808	4537717	4680502	6.95	cps
Indium	115-1	8095401	8342886	8462954	8300413	2.26	cps
Indium	115-2	1484278	1271330	1267089	1340899	9.26	cps
Iron	56-2	167435626	165568726	165790098	166264817	0.61	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:05:57	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	4260577	4237755	4159032	4219121	1.26	cps
Iron	54-2	9255396	9711357	9054661	9340471	3.60	cps
Krypton	83-1	482	510	479	490	3.48	cps
Lead	206-1	1278	1083	1211	1191	8.30	cps
Lead	207-1	900	978	1056	978	7.95	cps
Lead	208-1	4823	4762	4795	4793	0.64	cps
Lithium	6-1	5373292	5509428	5562137	5481619	1.78	cps
Magnesium	24-2	509748	515730	507798	511092	0.81	cps
Manganese	55-2	520145	534831	514464	523147	2.01	cps
Molybdenum	94-1	1558	1817	1700	1692	7.65	cps
Molybdenum	95-1	2092	1992	1884	1989	5.24	cps
Molybdenum	96-1	9120	10204	10062	9795	6.02	cps
Molybdenum	97-1	1358	1067	1100	1175	13.59	cps
Molybdenum	98-1	2950	2309	2734	2664	12.26	cps
Neodymium	150-1	407	433	467	436	6.90	cps
Neodymium	150-2	100	127	120	116	12.01	cps
Nickel	60-2	1590	1667	1427	1561	7.85	cps
Phosphorus	31-2	642	717	542	633	13.86	cps
Potassium	39-2	735534	735538	714395	728489	1.68	cps
Rhodium	103-1	8233766	8045595	8035566	8104976	1.38	cps
Rhodium	103-2	4049677	3688541	3708862	3815693	5.32	cps
Scandium	45-1	6269853	6473735	6946536	6563375	5.29	cps
Scandium	45-2	258301	228898	223750	236983	7.87	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	71	69	71	70	1.64	cps
Selenium	82-1	102	66	99	89	22.36	cps
Silicon	28-1	11189021	11408663	11365623	11321103	1.03	cps
Silver	107-1	433	475	400	436	8.62	cps
Silver	109-1	433	400	300	378	18.37	cps
Sodium	23-2	36925716	36375223	36951916	36750952	0.89	cps
Strontium	86-1	574126	583511	576521	578053	0.84	cps
Strontium	88-1	4986284	4997197	5068787	5017422	0.89	cps
Sulfur	34-1	360557	367992	365946	364832	1.05	cps
Terbium	159-1	10136176	10455434	10625118	10405576	2.39	cps
Terbium	159-2	5077772	4527724	4403488	4669661	7.68	cps
Thallium	203-1	967	983	983	978	0.98	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	5
Date & Time Acquired :	2022-08-31 17:05:57	DataFile Name :	051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2367	2334	2417	2373	1.77	cps
Tin	118-1	2400	2192	2625	2406	9.01	cps
Titanium	47-1	750	592	492	611	21.32	cps
Uranium	238-1	425	383	433	414	6.47	cps
Vanadium	51-2	67	47	77	63	24.12	cps
Ytterbium	172-1	142	158	142	147	6.54	cps
Ytterbium	172-2	50	78	33	54	41.81	cps
Ytterbium	176-1	1700	1533	1650	1628	5.25	cps
Ytterbium	176-2	8659	8169	7808	8212	5.20	cps
Yttrium	89-1	14794996	15272749	15600094	15222613	2.66	cps
Yttrium	89-2	1855257	1699595	1641261	1732038	6.39	cps
Zinc	66-2	943	937	1060	980	7.08	cps
Zirconium	90-1	692	792	942	808	15.57	cps
Zirconium	91-1	108	117	192	139	33.04	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DL2X25	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	25
Date & Time Acquired :	2022-08-31 17:13:49	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	826	782	675	761	10.23	cps
Antimony	121-1	725	650	1325	900	41.11	cps
Arsenic	75-2	11	22	17	17	33.05	cps
Barium	135-1	98468	98862	100004	99111	0.80	cps
Barium	137-1	176306	167545	172076	171976	2.55	cps
Beryllium	9-1	204	152	221	192	18.56	cps
Bismuth	209-1	6445070	6721743	6573556	6580123	2.10	cps
Bismuth	209-2	3071941	3026841	3248870	3115884	3.77	cps
Boron	10-1	15839	15331	14560	15244	4.22	cps
Boron	11-1	71434	69457	66693	69195	3.44	cps
Bromine	81-1	77475	76165	78520	77386	1.52	cps
Cadmium	111-1	3367	3457	3627	3483	3.80	cps
Cadmium	106-1	4734	4893	5051	4893	3.24	cps
Cadmium	108-1	8	50	13	24	97.20	cps
Calcium	43-1	83603	83379	81839	82940	1.16	cps
Calcium	44-1	1366914	1397914	1321308	1362045	2.83	cps
Carbon	12-1	5695785	5725190	5730624	5717199	0.33	cps
Carbon	12-2	67246	64550	65940	65912	2.04	cps
Chlorine	35-1	2369283	2464651	2478286	2437407	2.44	cps
Chlorine	35-2	19555	20156	20457	20056	2.29	cps
Chromium	52-2	777	850	833	820	4.69	cps
Cobalt	59-2	3074	3250	3160	3162	2.80	cps
Copper	63-2	1690	1680	1607	1659	2.74	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	27	23	27	26	7.55	cps
Erbium	164-1	100	125	100	108	13.32	cps
Erbium	164-2	30	23	57	37	48.11	cps
Gadolinium	160-1	150	117	117	128	15.06	cps
Gadolinium	160-2	127	107	147	127	15.79	cps
Gold	197-1	8	8	0	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	10561835	10356430	10578060	10498775	1.18	cps
Holmium	165-2	4355180	4232935	4309020	4299045	1.44	cps
Indium	115-1	8553544	8474699	8525061	8517768	0.47	cps
Indium	115-2	1226152	1222371	1249236	1232586	1.18	cps
Iron	56-2	37581772	36429630	36216172	36742524	2.00	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DL2X25	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	25
Date & Time Acquired :	2022-08-31 17:13:49	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	858011	860832	853417	857420	0.44	cps
Iron	54-2	2115647	2055746	2027477	2066290	2.18	cps
Krypton	83-1	522	536	536	532	1.49	cps
Lead	206-1	1939	1828	1622	1796	8.95	cps
Lead	207-1	1528	1545	1522	1532	0.76	cps
Lead	208-1	6890	6990	6890	6923	0.83	cps
Lithium	6-1	5330066	5517764	5353635	5400488	1.89	cps
Magnesium	24-2	111007	109958	107680	109548	1.55	cps
Manganese	55-2	113230	112070	110531	111944	1.21	cps
Molybdenum	94-1	1758	1392	1667	1606	11.89	cps
Molybdenum	95-1	2159	2034	2000	2064	4.04	cps
Molybdenum	96-1	4351	4234	4192	4259	1.93	cps
Molybdenum	97-1	1592	1292	1517	1467	10.65	cps
Molybdenum	98-1	4026	3559	3384	3656	9.08	cps
Neodymium	150-1	73	140	120	111	30.79	cps
Neodymium	150-2	50	43	33	42	19.87	cps
Nickel	60-2	367	400	437	401	8.73	cps
Phosphorus	31-2	608	650	575	611	6.15	cps
Potassium	39-2	178096	171547	172096	173913	2.09	cps
Rhodium	103-1	8134461	8329820	8156950	8207077	1.30	cps
Rhodium	103-2	3514861	3587375	3519937	3540724	1.14	cps
Scandium	45-1	6562168	6435869	6531123	6509720	1.01	cps
Scandium	45-2	212040	216170	220796	216335	2.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	85	74	85	81	7.81	cps
Selenium	82-1	-19	15	19	5	413.50	cps
Silicon	28-1	2976319	2949747	3057196	2994421	1.87	cps
Silver	107-1	358	200	283	281	28.23	cps
Silver	109-1	192	225	142	186	22.54	cps
Sodium	23-2	7976914	7654362	7745954	7792410	2.13	cps
Strontium	86-1	121833	122226	120284	121448	0.85	cps
Strontium	88-1	1053279	1025385	1024527	1034397	1.58	cps
Sulfur	34-1	340072	347647	346087	344602	1.16	cps
Terbium	159-1	10597067	10702761	10773079	10690969	0.83	cps
Terbium	159-2	4445149	4147844	4089740	4227578	4.51	cps
Thallium	203-1	1183	1017	1092	1097	7.61	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	N4454-13DL2X25	Instrumnet Name :	P8
Client Sample ID :	OW-02B-18.7-23.7-0830	Dilution Factor :	25
Date & Time Acquired :	2022-08-31 17:13:49	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2992	2617	2975	2861	7.41	cps
Tin	118-1	2550	3200	2534	2761	13.77	cps
Titanium	47-1	475	392	358	408	14.72	cps
Uranium	238-1	325	300	267	297	9.85	cps
Vanadium	51-2	47	30	33	37	24.06	cps
Ytterbium	172-1	58	83	58	67	21.65	cps
Ytterbium	172-2	33	11	39	28	52.92	cps
Ytterbium	176-1	1517	1634	1633	1595	4.22	cps
Ytterbium	176-2	7230	7775	7875	7626	4.55	cps
Yttrium	89-1	14864171	14998528	15109989	14990896	0.82	cps
Yttrium	89-2	1620544	1539470	1664112	1608042	3.93	cps
Zinc	66-2	443	440	463	449	2.81	cps
Zirconium	90-1	842	917	983	914	7.76	cps
Zirconium	91-1	150	150	133	144	6.66	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:16:53	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3858153	3888305	3833797	3860085	0.71	cps
Antimony	121-1	2916530	2957395	2977434	2950453	1.05	cps
Arsenic	75-2	90320	90398	89357	90025	0.64	cps
Barium	135-1	4296321	4214471	4331384	4280725	1.40	cps
Barium	137-1	7213563	7288383	7392837	7298261	1.23	cps
Beryllium	9-1	1389939	1394967	1425369	1403425	1.37	cps
Bismuth	209-1	5839891	5820424	6041181	5900498	2.07	cps
Bismuth	209-2	2864367	2781770	2833092	2826409	1.48	cps
Boron	10-1	302140	313983	321648	312591	3.14	cps
Boron	11-1	1238403	1290973	1316155	1281844	3.09	cps
Bromine	81-1	66798	69202	66104	67368	2.41	cps
Cadmium	111-1	855308	851879	868874	858687	1.05	cps
Cadmium	106-1	102052	102916	103371	102780	0.65	cps
Cadmium	108-1	67758	71275	68817	69283	2.60	cps
Calcium	43-1	6984639	6927139	6790350	6900709	1.45	cps
Calcium	44-1	113093806	110900860	114778150	112924272	1.72	cps
Carbon	12-1	6195302	6289139	6414074	6299505	1.74	cps
Carbon	12-2	79180	76550	77932	77887	1.69	cps
Chlorine	35-1	1386522	1343549	1337876	1355982	1.96	cps
Chlorine	35-2	9979	10120	9545	9881	3.03	cps
Chromium	52-2	1039598	1048130	999427	1029052	2.53	cps
Cobalt	59-2	1991378	1899414	1925775	1938856	2.44	cps
Copper	63-2	14201072	13946468	13838844	13995461	1.33	cps
Dysprosium	156-1	617	575	592	594	3.53	cps
Dysprosium	156-2	140	177	180	166	13.41	cps
Erbium	164-1	133	75	158	122	34.99	cps
Erbium	164-2	20	53	30	34	49.66	cps
Gadolinium	160-1	425	333	400	386	12.27	cps
Gadolinium	160-2	250	273	193	239	17.22	cps
Gold	197-1	17	25	8	17	50.01	cps
Gold	197-2	133	83	72	96	33.81	cps
Holmium	165-1	10389024	10801625	10618052	10602900	1.95	cps
Holmium	165-2	4477573	4474747	4437010	4463110	0.51	cps
Indium	115-1	8344562	8355711	8371579	8357284	0.16	cps
Indium	115-2	1227655	1199050	1200119	1208941	1.34	cps
Iron	56-2	221829994	229032555	212710783	221191111	3.70	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:16:53	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	5460313	5589102	5446220	5498545	1.43	cps
Iron	54-2	12490936	12395483	11787482	12224633	3.12	cps
Krypton	83-1	470	534	535	513	7.25	cps
Lead	206-1	13539303	14016953	14195300	13917185	2.44	cps
Lead	207-1	12018488	12518081	12407266	12314612	2.13	cps
Lead	208-1	55696290	56172538	56542893	56137240	0.76	cps
Lithium	6-1	5449654	5428923	5412772	5430450	0.34	cps
Magnesium	24-2	49130265	48603849	49589366	49107826	1.00	cps
Manganese	55-2	6027132	6023798	5720683	5923871	2.97	cps
Molybdenum	94-1	13007157	13372360	13205315	13194944	1.39	cps
Molybdenum	95-1	19458597	19635105	19358728	19484143	0.72	cps
Molybdenum	96-1	21197086	21006085	20173684	20792285	2.62	cps
Molybdenum	97-1	11651383	11907154	11511908	11690148	1.71	cps
Molybdenum	98-1	29306387	30844606	30430917	30193970	2.64	cps
Neodymium	150-1	440	447	407	431	4.97	cps
Neodymium	150-2	30	43	17	30	44.43	cps
Nickel	60-2	481867	478444	469532	476615	1.34	cps
Phosphorus	31-2	44109	45823	44795	44909	1.92	cps
Potassium	39-2	17597299	18014842	17920914	17844351	1.23	cps
Rhodium	103-1	7478294	7687534	7719643	7628491	1.72	cps
Rhodium	103-2	3523980	3409757	3391763	3441833	2.08	cps
Scandium	45-1	6500443	6604693	6722486	6609207	1.68	cps
Scandium	45-2	232103	228247	224311	228221	1.71	cps
Selenium	77-2	2324	2310	2494	2376	4.30	cps
Selenium	78-2	7863	7992	7886	7914	0.87	cps
Selenium	82-1	74537	74505	74224	74422	0.23	cps
Silicon	28-1	15295377	15716707	15433493	15481859	1.39	cps
Silver	107-1	4443030	4656900	4671715	4590549	2.79	cps
Silver	109-1	4328771	4252466	4419350	4333529	1.93	cps
Sodium	23-2	96264544	94804544	95413779	95494289	0.77	cps
Strontium	86-1	30338919	31388244	30370439	30699201	1.94	cps
Strontium	88-1	269018864	271243498	269890131	270050831	0.42	cps
Sulfur	34-1	961467	955946	941141	952851	1.10	cps
Terbium	159-1	10558862	10685989	11292610	10845820	3.62	cps
Terbium	159-2	4323723	4396535	4299982	4340080	1.16	cps
Thallium	203-1	3249902	3228419	3456221	3311514	3.80	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:16:53	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	7737528	7755097	7721147	7737924	0.22	cps
Tin	118-1	3040652	3006866	3013875	3020464	0.59	cps
Titanium	47-1	6147940	6323755	6032893	6168196	2.37	cps
Uranium	238-1	11228945	11203653	11367359	11266652	0.78	cps
Vanadium	51-2	864057	848656	835473	849395	1.68	cps
Ytterbium	172-1	92	92	133	106	22.79	cps
Ytterbium	172-2	44	39	44	43	7.54	cps
Ytterbium	176-1	9395	8820	9504	9240	3.98	cps
Ytterbium	176-2	10688	11377	10666	10910	3.71	cps
Yttrium	89-1	15227634	14884089	15268028	15126584	1.39	cps
Yttrium	89-2	1713684	1652508	1660264	1675485	1.99	cps
Zinc	66-2	1563726	1557064	1554932	1558574	0.29	cps
Zirconium	90-1	6688837	6815110	6574332	6692760	1.80	cps
Zirconium	91-1	1549078	1583694	1540721	1557831	1.46	cps

LB Number : LB121831 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P8
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired : 2022-08-31 17:24:20 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151	177	169	166	8.06	cps
Antimony	121-1	317	575	642	511	33.59	cps
Arsenic	75-2	10	6	16	11	47.19	cps
Barium	135-1	150	175	200	175	14.28	cps
Barium	137-1	408	400	175	328	40.39	cps
Beryllium	9-1	187	174	186	182	4.17	cps
Bismuth	209-1	6021499	6586592	7031975	6546689	7.74	cps
Bismuth	209-2	3325153	3389058	3264521	3326244	1.87	cps
Boron	10-1	10097	9651	9945	9898	2.29	cps
Boron	11-1	47108	44227	43814	45050	3.98	cps
Bromine	81-1	67985	69252	63560	66932	4.47	cps
Cadmium	111-1	3222	3835	3622	3560	8.74	cps
Cadmium	106-1	4551	5418	5126	5032	8.77	cps
Cadmium	108-1	25	17	42	28	45.82	cps
Calcium	43-1	469	406	392	422	9.62	cps
Calcium	44-1	12508	11683	12599	12263	4.11	cps
Carbon	12-1	4558027	4446823	4553634	4519495	1.39	cps
Carbon	12-2	54075	52594	53280	53317	1.39	cps
Chlorine	35-1	760311	744888	735149	746783	1.70	cps
Chlorine	35-2	5535	5318	5526	5460	2.25	cps
Chromium	52-2	677	760	670	702	7.14	cps
Cobalt	59-2	130	117	100	116	13.01	cps
Copper	63-2	1787	1747	1490	1675	9.61	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	33	25	31	15.74	cps
Erbium	164-2	7	27	10	14	74.18	cps
Gadolinium	160-1	58	117	208	128	59.18	cps
Gadolinium	160-2	110	110	120	113	5.09	cps
Gold	197-1	8	0	8	6	86.60	cps
Gold	197-2	0	0	0	0	0.00	cps
Holmium	165-1	9758700	10444807	10989033	10397513	5.93	cps
Holmium	165-2	4426666	4739057	4444177	4536633	3.87	cps
Indium	115-1	7898217	8625067	9147142	8556809	7.33	cps
Indium	115-2	1278890	1444951	1305801	1343214	6.64	cps
Iron	56-2	14178	11962	12157	12766	9.61	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:24:20	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	57-2	422	311	278	337	22.44	cps
Iron	54-2	1500	1489	1545	1511	1.95	cps
Krypton	83-1	572	522	457	517	11.14	cps
Lead	206-1	1183	1150	1178	1170	1.53	cps
Lead	207-1	1089	989	1045	1041	4.81	cps
Lead	208-1	5028	4623	4800	4817	4.22	cps
Lithium	6-1	5137235	5731712	5663071	5510673	5.90	cps
Magnesium	24-2	1217	1450	1417	1361	9.27	cps
Manganese	55-2	303	310	323	312	3.26	cps
Molybdenum	94-1	992	1008	1017	1006	1.27	cps
Molybdenum	95-1	1433	1300	1333	1356	5.12	cps
Molybdenum	96-1	1400	1892	1759	1684	15.11	cps
Molybdenum	97-1	958	842	1008	936	9.14	cps
Molybdenum	98-1	2609	2492	2059	2386	12.15	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	110	93	110	104	9.21	cps
Phosphorus	31-2	608	625	592	608	2.74	cps
Potassium	39-2	22084	22226	22718	22343	1.49	cps
Rhodium	103-1	7682348	8307877	8644801	8211675	5.95	cps
Rhodium	103-2	3673576	3944870	3913977	3844141	3.86	cps
Scandium	45-1	6185420	6681140	6929947	6598836	5.74	cps
Scandium	45-2	219582	230062	221259	223635	2.52	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	90	81	77	83	8.05	cps
Selenium	82-1	-80	-14	30	-21	-260.64	cps
Silicon	28-1	697848	694399	700340	697529	0.43	cps
Silver	107-1	392	225	275	297	28.78	cps
Silver	109-1	283	208	275	256	16.09	cps
Sodium	23-2	45917	43742	43007	44222	3.42	cps
Strontium	86-1	1517	1350	1408	1425	5.94	cps
Strontium	88-1	9152	8201	5177	7510	27.64	cps
Sulfur	34-1	339289	343921	341002	341404	0.69	cps
Terbium	159-1	9461340	10390629	11205067	10352345	8.43	cps
Terbium	159-2	4369764	4659205	4472887	4500619	3.26	cps
Thallium	203-1	1217	1033	1133	1128	8.14	cps

LB Number :	LB121831	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired :	2022-08-31 17:24:20	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Thallium	205-1	2742	2934	2725	2800	4.14	cps
Tin	118-1	2634	2667	2584	2628	1.60	cps
Titanium	47-1	417	433	475	442	6.80	cps
Uranium	238-1	325	342	292	319	7.97	cps
Vanadium	51-2	13	10	30	18	60.28	cps
Ytterbium	172-1	50	58	42	50	16.67	cps
Ytterbium	172-2	6	17	33	19	75.47	cps
Ytterbium	176-1	1550	1767	1650	1656	6.55	cps
Ytterbium	176-2	7563	7992	7708	7754	2.81	cps
Yttrium	89-1	13391210	14953660	15381924	14575598	7.19	cps
Yttrium	89-2	1644723	1754123	1704665	1701170	3.22	cps
Zinc	66-2	340	287	247	291	16.09	cps
Zirconium	90-1	800	725	875	800	9.38	cps
Zirconium	91-1	150	100	200	150	33.34	cps