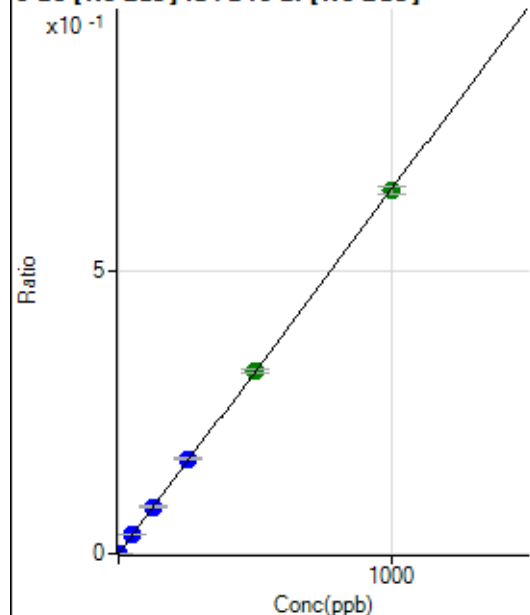


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8021623 MS.b\
Analysis File: P8021623 MS.batch.bin
DA Date-Time: 2023-02-16 15:47:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-16 13:54:12
2	006CALS.d	S02	2023-02-16 14:00:32
3	007CALS.d	S03	2023-02-16 14:03:41
4	008CALS.d	S04	2023-02-16 14:06:50
5	009CALS.d	S05	2023-02-16 14:09:56
6	010CALS.d	S06	2023-02-16 14:13:05
7	011CALS.d	S07	2023-02-16 14:16:11
8	012CALS.d	S08	2023-02-16 14:19:20

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.00	0.0000	P	22.4
2	☐	1.000	1.104	3001.61	0.0007	P	0.8
3	☐	50.000	52.939	142991.03	0.0342	P	1.0
4	☐	125.000	128.779	354529.49	0.0832	P	1.8
5	☐	250.000	261.063	702576.86	0.1686	P	1.2
6	☐	500.000	501.376	1364874.13	0.3238	A	1.6
7	☐	1000.000	995.927	2645480.41	0.6432	A	2.2
8	☐			675.77	0.0002	P	4.5

$$y = 6.4582\text{E-}004 * x + 9.4638\text{E-}006$$

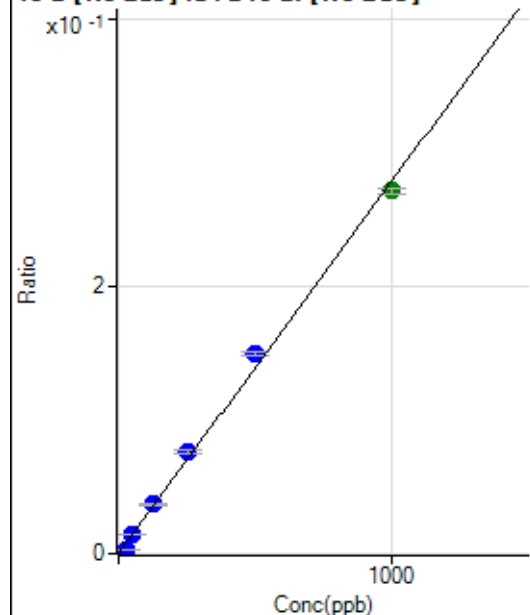
$$R = 0.9999$$

$$DL = 0.009841$$

$$BEC = 0.01465$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	274.62	0.0001	P	3.8
2	☐	25.000	8.542	10131.53	0.0024	P	1.5
3	☐	50.000	52.933	61776.93	0.0148	P	3.6
4	☐	125.000	131.863	156455.48	0.0367	P	3.5
5	☐	250.000	273.754	317291.57	0.0761	P	3.0
6	☐	500.000	536.815	629147.26	0.1493	P	2.0
7	☐	1000.000	975.061	1115453.16	0.2711	A	1.7
8	☐			65236.11	0.0170	P	6.9

$$y = 2.7792\text{E-}004 * x + 6.4967\text{E-}005$$

$$R = 0.9983$$

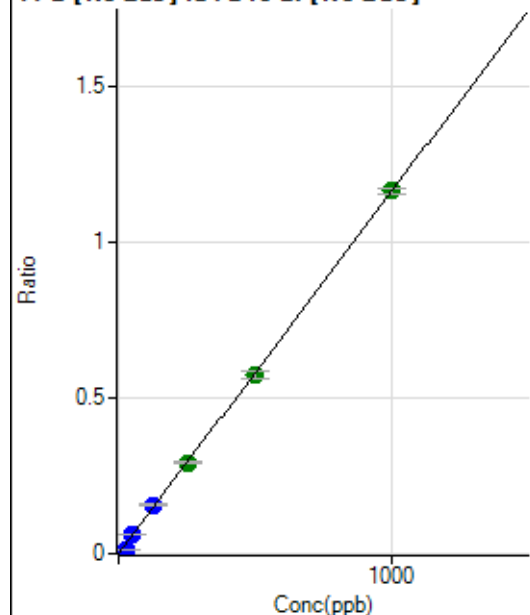
$$DL = 0.02639$$

$$BEC = 0.2338$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1197.82	0.0003	P	6.9
2	☐	25.000	8.558	42421.27	0.0102	P	3.0
3	☐	50.000	53.526	260819.58	0.0624	P	3.5
4	☐	125.000	134.551	666516.54	0.1564	P	3.1
5	☐	250.000	250.399	1211784.88	0.2908	A	1.6
6	☐	500.000	494.346	2418542.59	0.5738	A	3.7
7	☐	1000.000	1001.768	4784123.81	1.1625	A	1.6
8	☐			274636.96	0.0714	P	8.3

$$y = 0.0012 * x + 2.8364E-004$$

$$R = 0.9997$$

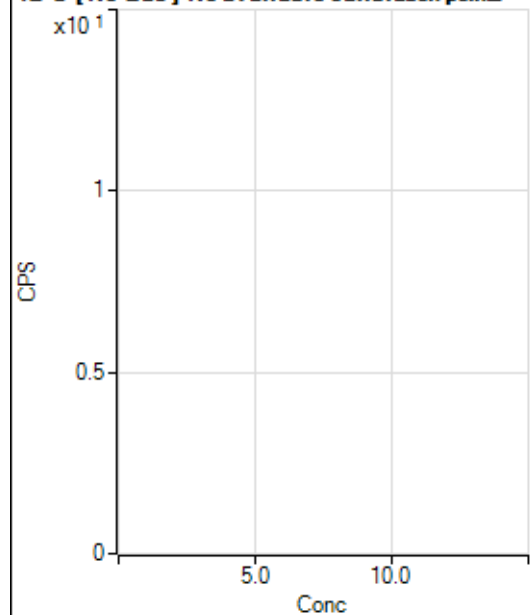
$$DL = 0.05072$$

$$BEC = 0.2445$$

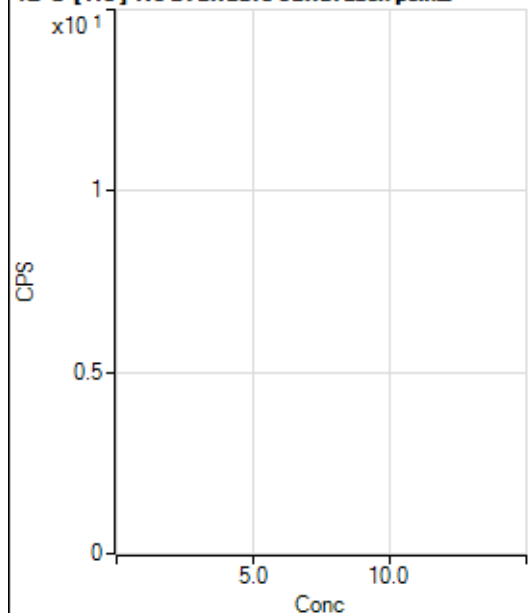
Weight: <None>

Min Conc: 0

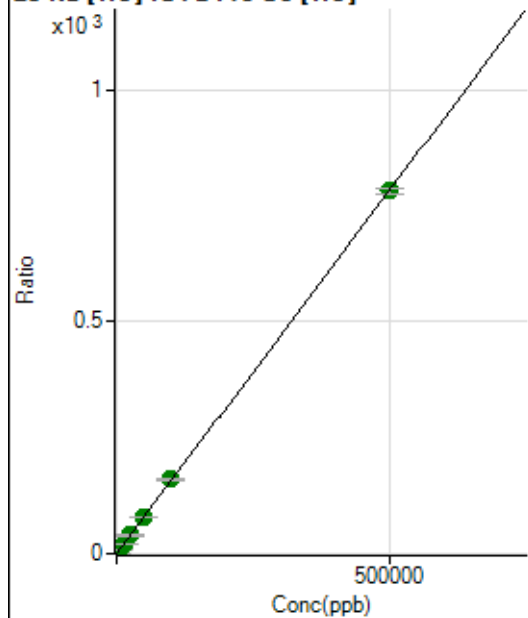
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4555182.52		A	0.7
2	☐			4649377.49		A	0.6
3	☐			4937200.76		A	1.5
4	☐			5049917.47		A	1.1
5	☐			5312359.10		A	0.7
6	☐			5809753.99		A	1.3
7	☐			6172350.23		A	2.7
8	☐			5486492.35		A	1.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56673.76		P	1.8
2	☐			57585.23		P	0.8
3	☐			62268.54		P	0.8
4	☐			64287.96		P	1.1
5	☐			67948.84		P	1.0
6	☐			74497.30		P	1.8
7	☐			79364.09		P	0.9
8	☐			75720.29		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9842.44	0.0580	P	3.9
2	☐	500.000	495.582	142165.60	0.8344	P	4.4
3	☐	5000.000	5158.350	1413663.05	8.1391	A	2.2
4	☐	12500.000	12985.701	3549832.15	20.4016	A	1.9
5	☐	25000.000	25222.322	6933435.31	39.5716	A	2.3
6	☐	50000.000	50964.317	13823306.73	79.8992	A	0.9
7	☐	100000.00	102907.50	27696624.58	161.2739	A	2.3
8	☐	500000.00	499297.23	132096469.6	782.2620	A	1.5

$$y = 0.0016 * x + 0.0580$$

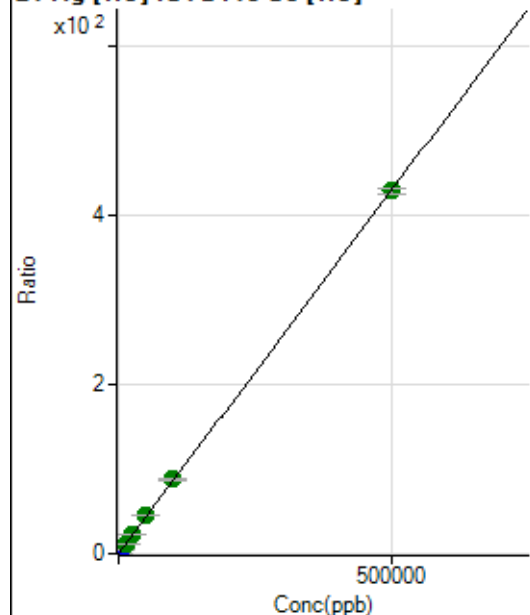
$$R = 1.0000$$

$$DL = 4.339$$

$$BEC = 37.04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	858.38	0.0051	P	13.0
2	☐	500.000	506.625	75049.17	0.4403	P	2.6
3	☐	5000.000	5246.059	783692.96	4.5124	P	1.5
4	☐	12500.000	13495.447	2018295.31	11.6001	A	1.4
5	☐	25000.000	25865.281	3894522.27	22.2280	A	1.2
6	☐	50000.000	51820.493	7703319.01	44.5282	A	0.4
7	☐	100000.00	103009.24	15199695.83	88.5085	A	2.8
8	☐	500000.00	499145.48	72417153.70	428.8607	A	1.7

$$y = 8.5918\text{E-}004 * x + 0.0051$$

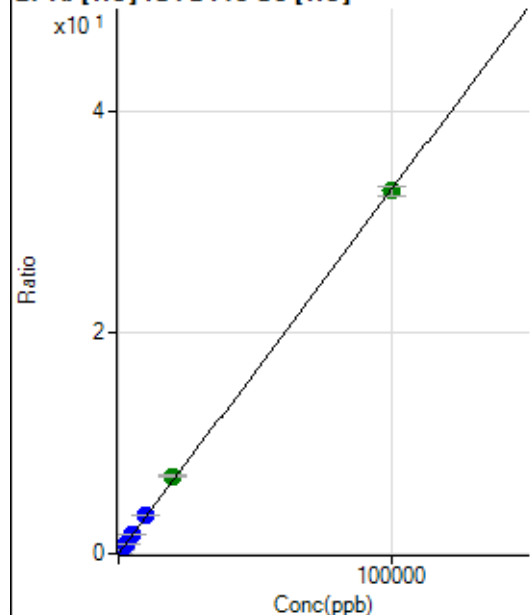
$$R = 1.0000$$

$$DL = 2.293$$

$$BEC = 5.887$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64.99	0.0004	P	5.8
2	☐	20.000	20.473	1212.82	0.0071	P	4.0
3	☐	1000.000	1033.939	59125.08	0.3404	P	1.4
4	☐	2500.000	2636.375	150922.19	0.8674	P	0.5
5	☐	5000.000	5141.397	296332.06	1.6913	P	1.3
6	☐	10000.000	10350.358	588981.69	3.4044	P	0.8
7	☐	20000.000	21308.657	1203564.01	7.0083	A	2.3
8	☐	100000.00	99692.414	5536153.61	32.7868	A	2.5

$$y = 3.2888\text{E-}004 * x + 3.8285\text{E-}004$$

$$R = 0.9999$$

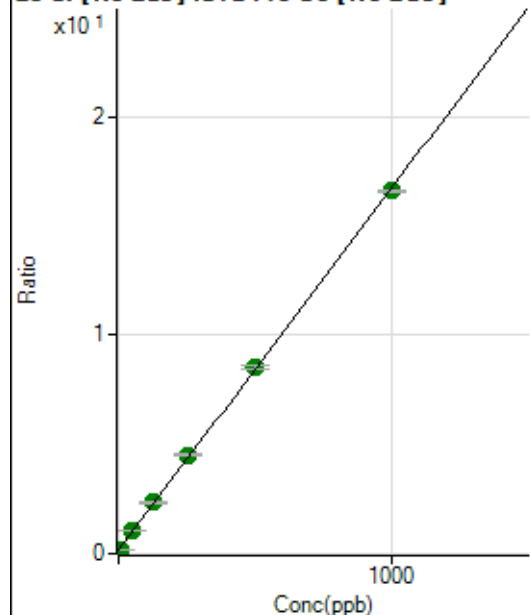
$$DL = 0.2026$$

$$BEC = 1.164$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	880711.06	0.1688	P	2.2
2	☐	10.000	0.234	909608.97	0.1727	A	1.6
3	☐	50.000	53.156	5446681.03	1.0479	A	0.8
4	☐	125.000	131.323	12355816.16	2.3406	A	1.9
5	☐	250.000	262.884	23895985.08	4.5164	A	0.8
6	☐	500.000	506.270	45968009.71	8.5416	A	1.3
7	☐	1000.000	992.793	88754684.62	16.5878	A	0.7
8	☐			1192733.26	0.2294	A	2.8

$$y = 0.0165 * x + 0.1688$$

$$R = 0.9998$$

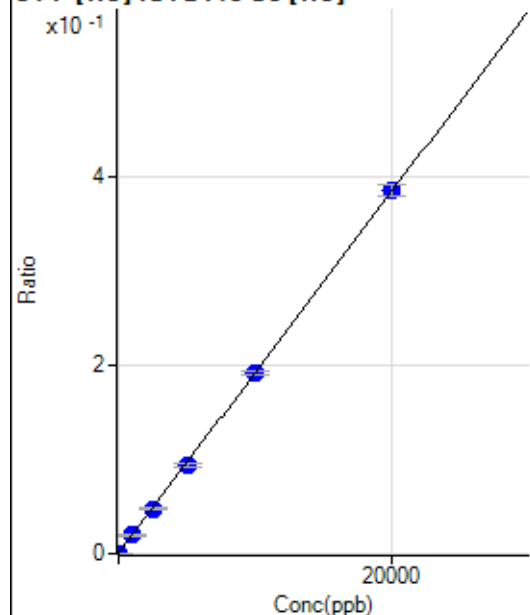
$$DL = 0.6663$$

$$BEC = 10.21$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-6.627	97.23	0.0006	P	32.0
2	☐	0.000	6.627	141.67	0.0008	P	45.8
3	☐	1000.000	996.305	3431.06	0.0198	P	4.3
4	☐	2500.000	2443.821	8252.58	0.0474	P	3.7
5	☐	5000.000	4856.348	16395.81	0.0936	P	2.6
6	☐	10000.000	9993.188	33188.66	0.1918	P	2.0
7	☐	20000.000	20046.526	65961.84	0.3841	P	3.1
8	☐			136.11	0.0008	P	19.0

$$y = 1.9126E-005 * x + 6.9936E-004$$

$$R = 1.0000$$

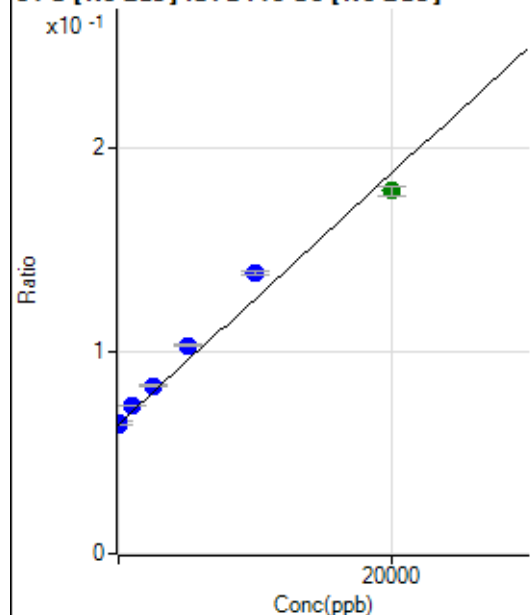
$$DL = 44.06$$

$$BEC = 36.57$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	55.810	335928.67	0.0644	P	2.3
2	☐	0.000	-55.810	335529.67	0.0637	P	1.3
3	☐	1000.000	1465.025	380088.23	0.0731	P	0.9
4	☐	2500.000	3049.213	437908.39	0.0830	P	1.4
5	☐	5000.000	6256.989	544078.21	0.1028	P	1.1
6	☐	10000.000	12035.526	746347.32	0.1387	P	1.1
7	☐	20000.000	18576.087	958961.86	0.1792	A	2.7
8	☐			294150.65	0.0566	P	2.8

$$y = 6.2017\text{E-}006 * x + 0.0640$$

$$R = 0.9893$$

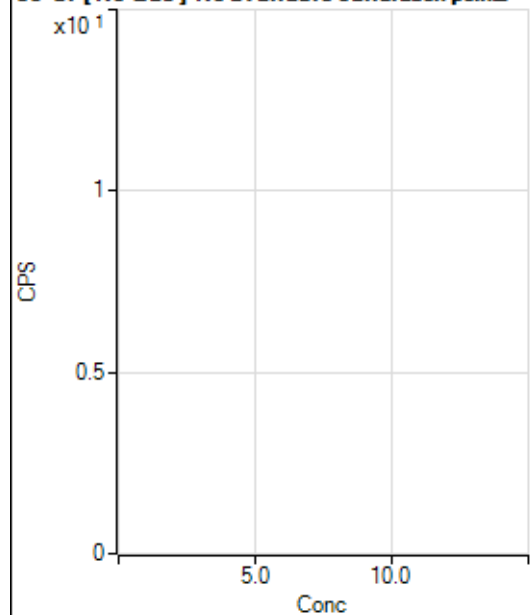
$$DL = 556.6$$

$$BEC = 1.033\text{E}+04$$

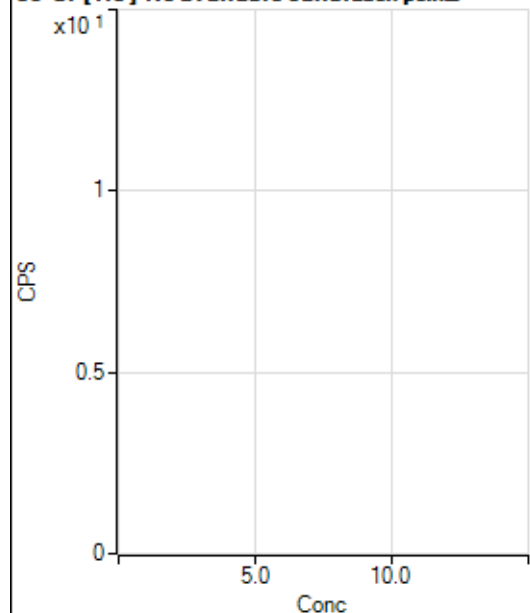
Weight: <None>

Min Conc: 0

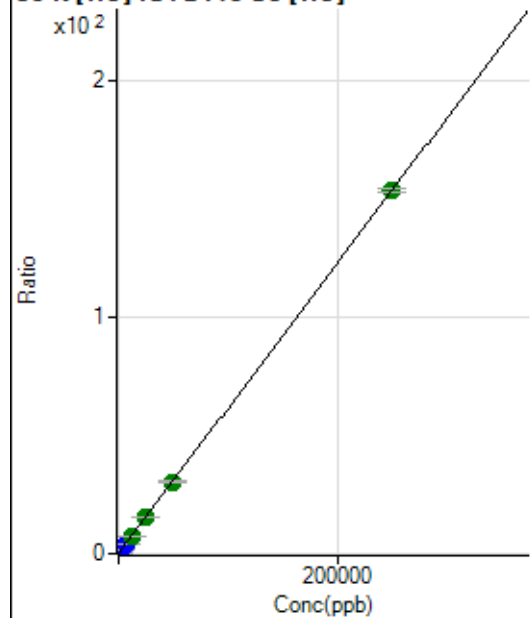
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114520.27		P	1.7
2	☐			121885.85		P	1.2
3	☐			143554.66		P	0.7
4	☐			146151.49		P	1.2
5	☐			137363.68		P	1.6
6	☐			132687.97		P	0.5
7	☐			138399.09		P	0.5
8	☐			156253.66		P	0.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			850.05		P	2.0
2	☐			844.49		P	12.3
3	☐			963.95		P	5.8
4	☐			1075.07		P	4.0
5	☐			997.28		P	2.1
6	☐			969.50		P	7.8
7	☐			941.72		P	9.9
8	☐			1066.74		P	16.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20186.81	0.1190	P	1.7
2	☐	500.000	477.208	70087.36	0.4113	P	3.5
3	☐	2500.000	2459.714	282346.02	1.6257	P	1.0
4	☐	6250.000	6172.308	678496.67	3.8998	P	0.5
5	☐	12500.000	12292.577	1340148.63	7.6487	A	1.5
6	☐	25000.000	24766.412	2645221.89	15.2894	A	1.0
7	☐	50000.000	49429.143	5220309.36	30.3963	A	1.1
8	☐	250000.00	250150.29	25894535.13	153.3458	A	1.1

$$y = 6.1254\text{E-}004 * x + 0.1190$$

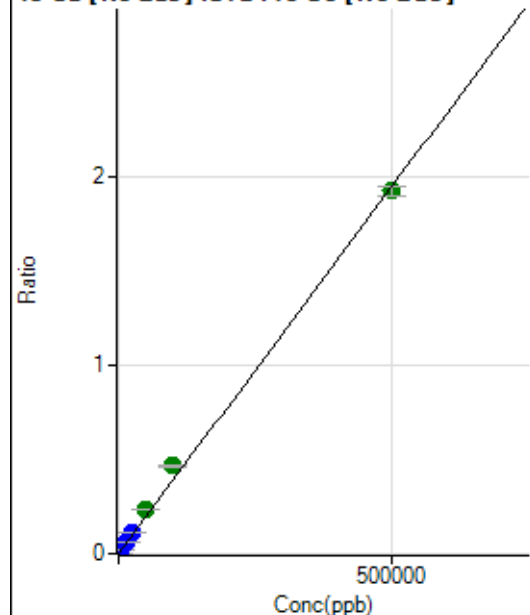
$$R = 1.0000$$

$$DL = 9.76$$

$$BEC = 194.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.24	0.0000	P	10.7
2	☐	500.000	501.431	10395.38	0.0020	P	2.4
3	☐	5000.000	5937.805	120212.81	0.0231	P	1.4
4	☐	12500.000	14541.569	298855.49	0.0566	P	0.8
5	☐	25000.000	29630.982	610138.02	0.1153	P	0.8
6	☐	50000.000	60140.334	1259799.63	0.2340	A	2.0
7	☐	100000.00	119550.54	2489229.32	0.4652	A	1.0
8	☐	500000.00	494783.89	10009576.01	1.9254	A	2.5

$$y = 3.8913E-006 * x + 2.2284E-005$$

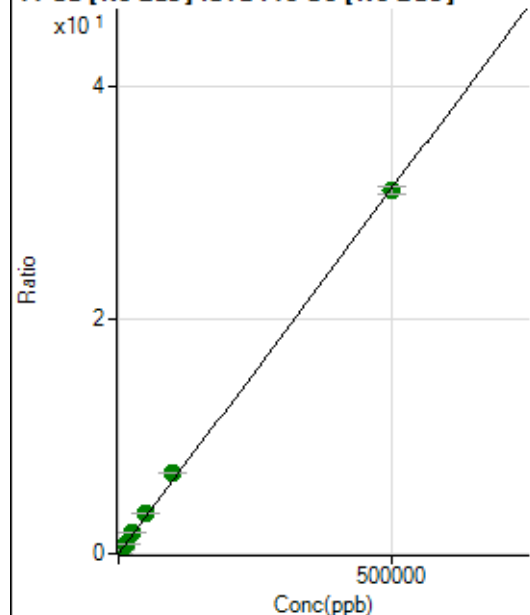
$$R = 0.9991$$

$$DL = 1.843$$

$$BEC = 5.727$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7997.82	0.0015	P	1.0
2	☐	500.000	508.044	174937.15	0.0332	P	1.4
3	☐	5000.000	5781.329	1881549.07	0.3620	A	0.7
4	☐	12500.000	13865.098	4572527.56	0.8660	A	1.5
5	☐	25000.000	28313.058	9347686.24	1.7668	A	0.2
6	☐	50000.000	54679.431	18358318.36	3.4107	A	1.1
7	☐	100000.00	111124.41	37080066.71	6.9299	A	0.9
8	☐	500000.00	497099.57	161143978.9	30.9948	A	2.3

$$y = 6.2348E-005 * x + 0.0015$$

$$R = 0.9997$$

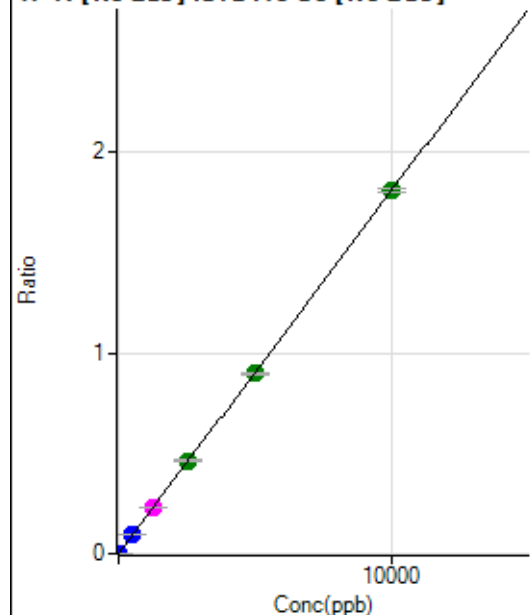
$$DL = 0.7183$$

$$BEC = 24.58$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	172.23	0.0000	P	19.8
2	☐	5.000	5.176	5106.62	0.0010	P	4.0
3	☐	500.000	525.666	494345.16	0.0951	P	1.7
4	☐	1250.000	1266.512	1209454.32	0.2291	M	1.5
5	☐	2500.000	2557.186	2446859.30	0.4626	A	2.1
6	☐	5000.000	4975.086	4843055.53	0.8999	A	1.1
7	☐	10000.000	9994.813	9673260.81	1.8078	A	1.2
8	☐			2189.12	0.0004	P	9.2

$$y = 1.8087E-004 * x + 3.3062E-005$$

$$R = 1.0000$$

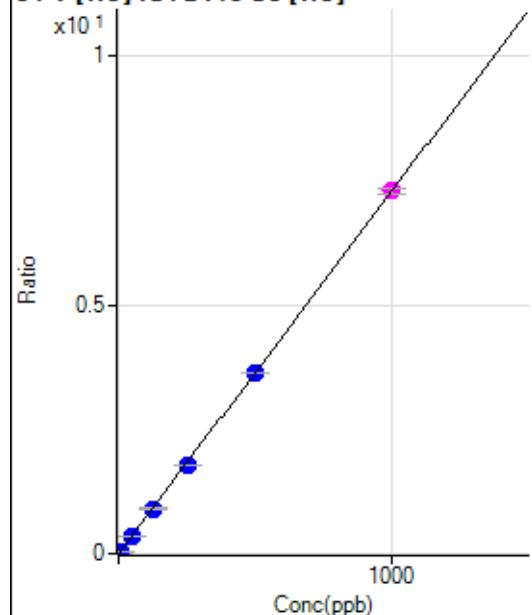
$$DL = 0.1087$$

$$BEC = 0.1828$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0001	P	1.2
2	☐	5.000	4.930	6126.92	0.0359	P	0.6
3	☐	50.000	49.352	62373.14	0.3591	P	1.8
4	☐	125.000	124.492	157618.54	0.9059	P	1.6
5	☐	250.000	244.862	312166.13	1.7817	P	1.0
6	☐	500.000	499.154	628348.16	3.6319	P	1.0
7	☐	1000.000	1001.804	1251849.19	7.2891	M	1.5
8	☐			401.12	0.0024	P	12.9

$$y = 0.0073 * x + 5.8941E-005$$

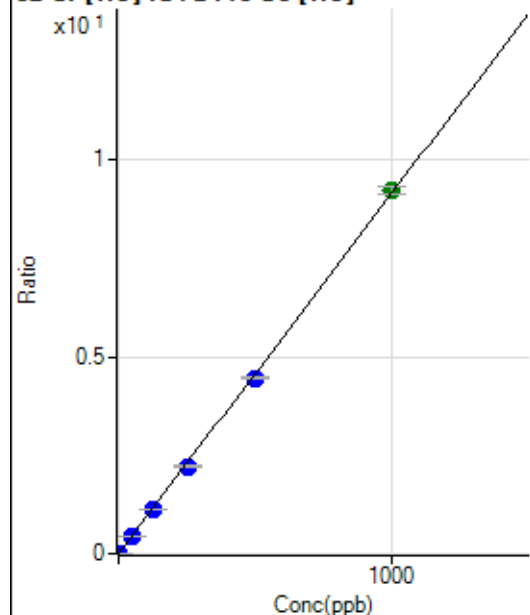
$$R = 1.0000$$

$$DL = 0.0002923$$

$$BEC = 0.008101$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	484.46	0.0029	P	4.7
2	☐	2.000	1.983	3571.60	0.0210	P	4.0
3	☐	50.000	49.057	78289.64	0.4508	P	1.1
4	☐	125.000	122.668	195367.13	1.1229	P	0.7
5	☐	250.000	242.094	387798.76	2.2133	P	2.0
6	☐	500.000	488.662	772389.92	4.4645	P	0.5
7	☐	1000.000	1007.984	1581061.56	9.2062	A	2.0
8	☐			14371.75	0.0851	P	1.8

$$y = 0.0091 * x + 0.0029$$

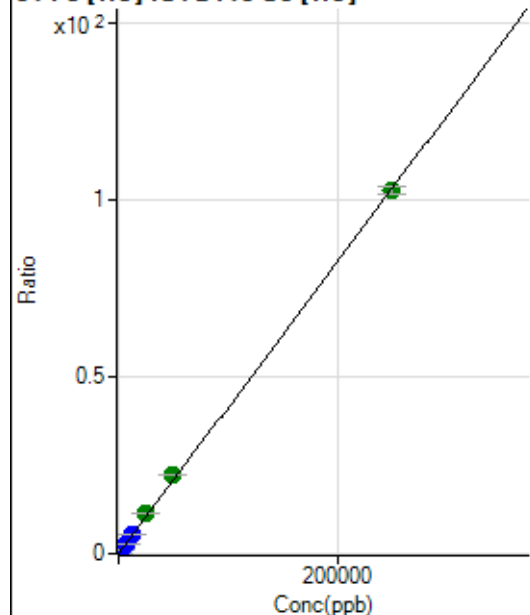
$$R = 0.9999$$

$$DL = 0.04371$$

$$BEC = 0.3127$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	627.80	0.0037	P	5.9
2	☐	50.000	51.575	4254.40	0.0250	P	5.7
3	☐	2500.000	2639.867	189763.35	1.0926	P	1.0
4	☐	6250.000	6623.700	476026.22	2.7359	P	1.1
5	☐	12500.000	12909.542	933648.31	5.3287	P	2.6
6	☐	25000.000	27360.774	1953353.57	11.2897	A	2.2
7	☐	50000.000	53933.325	3821231.74	22.2505	A	1.1
8	☐	250000.00	248946.03	17340555.94	102.6906	A	2.1

$$y = 4.1249E-004 * x + 0.0037$$

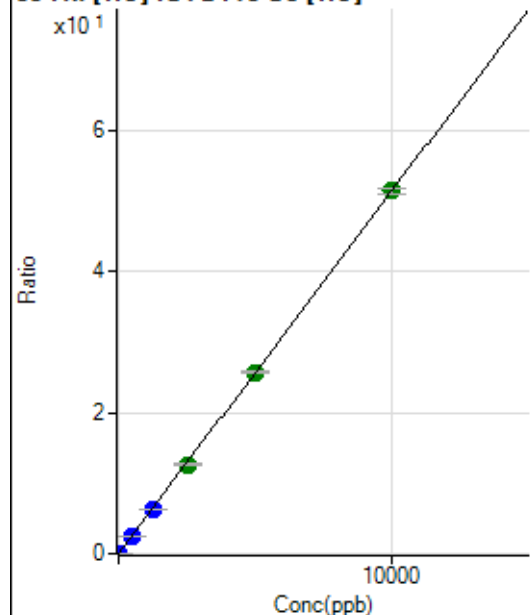
$$R = 0.9998$$

$$DL = 1.583$$

$$BEC = 8.974$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	54.45	0.0003	P	23.9
2	☐	1.000	0.959	893.37	0.0052	P	6.2
3	☐	500.000	484.910	432606.96	2.4909	P	0.5
4	☐	1250.000	1228.166	1097581.93	6.3084	P	0.5
5	☐	2500.000	2453.875	2208389.15	12.6039	A	2.5
6	☐	5000.000	5001.981	4444875.52	25.6914	A	1.2
7	☐	10000.000	10014.024	8833249.45	51.4341	A	1.8
8	☐			9185.26	0.0544	P	2.1

$$y = 0.0051 * x + 3.2034E-004$$

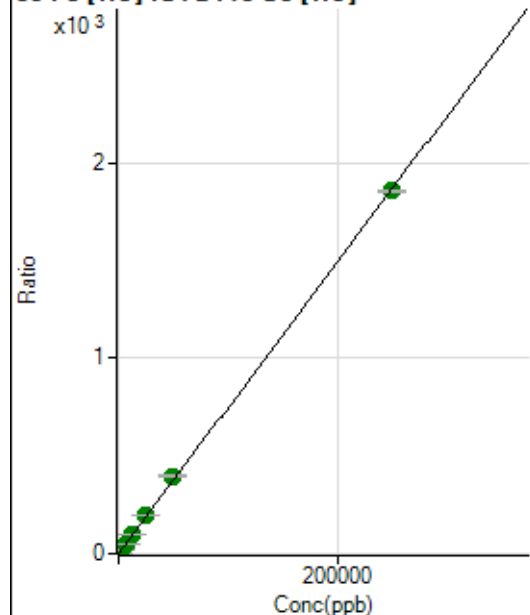
$$R = 1.0000$$

$$DL = 0.04463$$

$$BEC = 0.06237$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3065.20	0.0181	P	5.2
2	☐	50.000	51.024	67808.69	0.3980	P	4.1
3	☐	2500.000	2648.569	3427870.88	19.7379	A	1.5
4	☐	6250.000	6603.607	8557652.97	49.1850	A	0.0
5	☐	12500.000	13284.290	17333513.47	98.9257	A	2.1
6	☐	25000.000	26197.097	33747940.34	195.0675	A	0.6
7	☐	50000.000	53249.718	68095763.56	396.4866	A	2.4
8	☐	250000.00	249180.80	313301462.5	1,855.283	A	0.3

$$y = 0.0074 * x + 0.0181$$

$$R = 0.9999$$

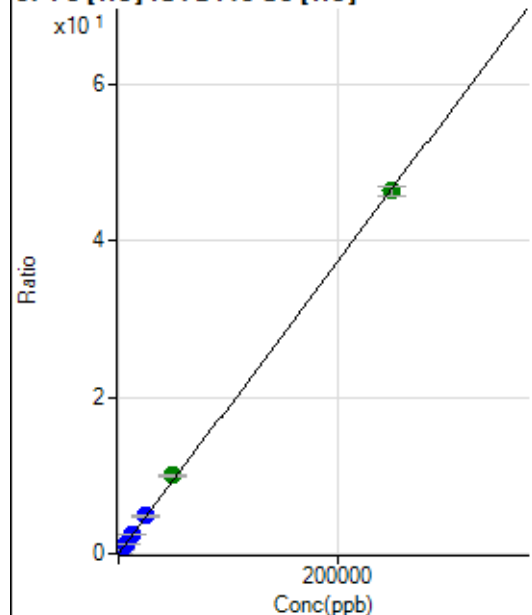
$$DL = 0.3759$$

$$BEC = 2.427$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.15	0.0009	P	7.5
2	☐	50.000	51.563	1783.48	0.0105	P	1.6
3	☐	2500.000	2613.177	84544.24	0.4868	P	1.1
4	☐	6250.000	6551.634	212103.04	1.2191	P	1.2
5	☐	12500.000	12860.611	419146.75	2.3922	P	1.8
6	☐	25000.000	25819.685	830765.41	4.8019	P	1.2
7	☐	50000.000	53871.268	1720526.18	10.0180	A	1.7
8	☐	250000.00	249117.07	7821964.82	46.3230	A	2.4

$$y = 1.8595E-004 * x + 8.7262E-004$$

$$R = 0.9999$$

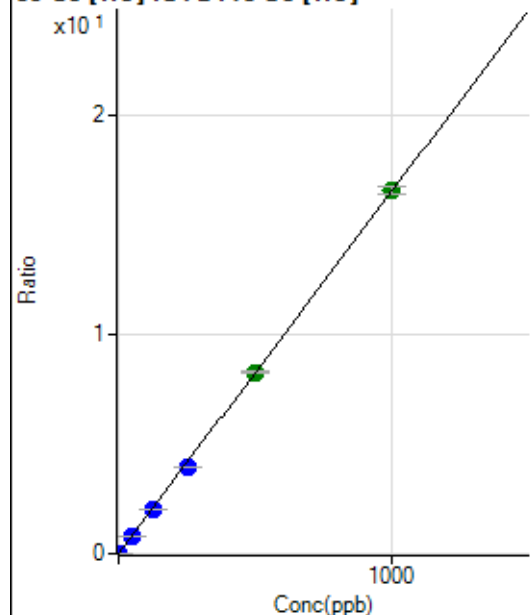
$$DL = 1.06$$

$$BEC = 4.693$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0005	P	7.5
2	☐	1.000	0.984	2853.65	0.0167	P	5.7
3	☐	50.000	48.755	140117.83	0.8068	P	1.6
4	☐	125.000	122.018	351143.23	2.0183	P	1.2
5	☐	250.000	240.272	696280.00	3.9739	P	1.0
6	☐	500.000	501.789	1435797.36	8.2987	A	1.6
7	☐	1000.000	1001.973	2845745.17	16.5704	A	2.0
8	☐			2558.03	0.0151	P	2.0

$$y = 0.0165 * x + 4.7776E-004$$

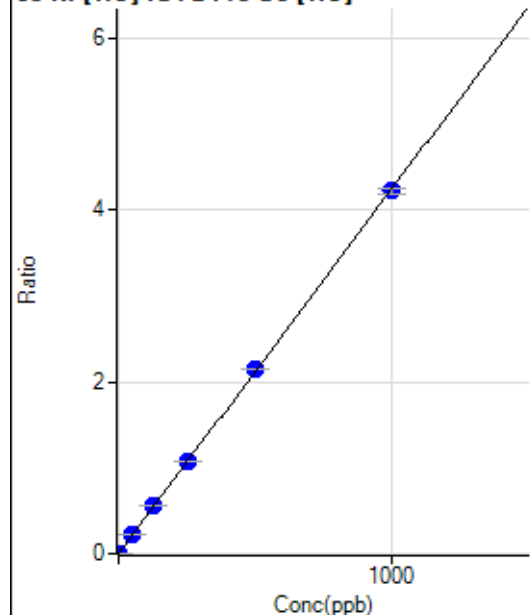
$$R = 0.9999$$

$$DL = 0.00649$$

$$BEC = 0.02889$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0002	P	20.4
2	☐	1.000	1.006	764.47	0.0045	P	10.2
3	☐	50.000	51.576	37992.94	0.2188	P	1.2
4	☐	125.000	130.544	96275.72	0.5534	P	0.5
5	☐	250.000	251.395	186675.08	1.0654	P	0.5
6	☐	500.000	506.543	371364.23	2.1465	P	0.8
7	☐	1000.000	995.608	724499.48	4.2187	P	1.4
8	☐			2402.45	0.0142	P	6.1

$$y = 0.0042 * x + 2.2941E-004$$

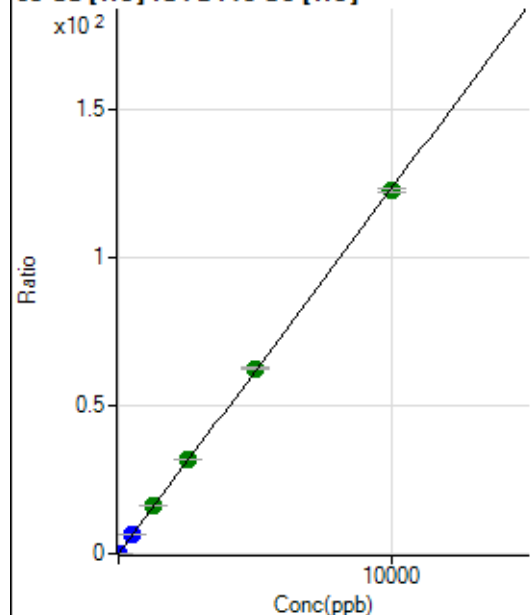
$$R = 1.0000$$

$$DL = 0.03316$$

$$BEC = 0.05414$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	492.23	0.0029	P	13.3
2	☐	2.000	2.049	4796.42	0.0282	P	4.7
3	☐	500.000	507.571	1086703.62	6.2568	P	1.2
4	☐	1250.000	1321.558	2833457.67	16.2860	A	0.9
5	☐	2500.000	2573.983	5557350.61	31.7174	A	1.5
6	☐	5000.000	5074.858	10818627.62	62.5311	A	1.5
7	☐	10000.000	9934.752	21021759.96	122.4107	A	1.1
8	☐			7633.25	0.0452	P	6.2

$$y = 0.0123 * x + 0.0029$$

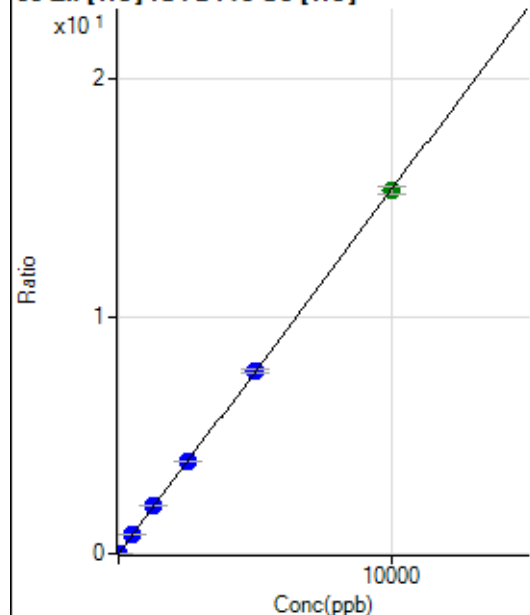
$$R = 0.9999$$

$$DL = 0.09376$$

$$BEC = 0.2357$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	192.22	0.0011	P	1.6
2	☐	2.000	2.355	807.81	0.0047	P	6.4
3	☐	500.000	520.015	138651.77	0.7983	P	0.8
4	☐	1250.000	1314.062	350693.38	2.0156	P	0.4
5	☐	2500.000	2539.247	682235.44	3.8938	P	1.5
6	☐	5000.000	5031.490	1334737.88	7.7144	P	1.9
7	☐	10000.000	9965.434	2623788.17	15.2782	A	2.1
8	☐			3075.92	0.0182	P	3.1

$$y = 0.0015 * x + 0.0011$$

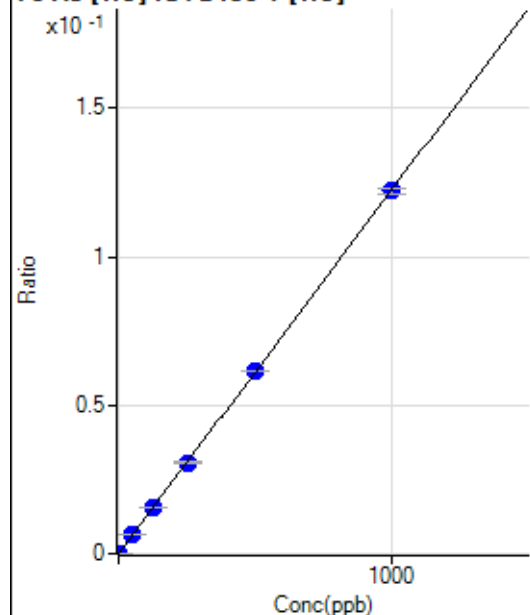
$$R = 1.0000$$

$$DL = 0.03614$$

$$BEC = 0.739$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.67	0.0000	P	46.1
2	☐	1.000	1.104	174.35	0.0001	P	2.7
3	☐	50.000	50.706	7912.02	0.0062	P	1.0
4	☐	125.000	128.520	19970.74	0.0157	P	0.6
5	☐	250.000	250.559	39151.20	0.0307	P	1.5
6	☐	500.000	502.236	78316.02	0.0615	P	0.7
7	☐	1000.000	998.267	154571.75	0.1222	P	1.7
8	☐			54.01	0.0000	P	10.9

$$y = 1.2236E-004 * x + 3.7547E-006$$

$$R = 1.0000$$

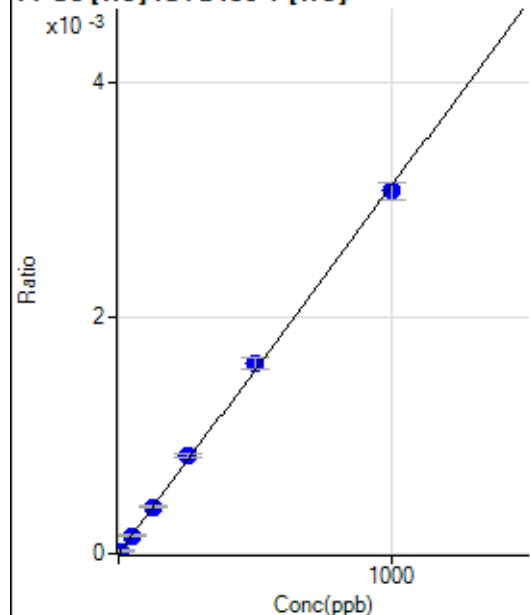
$$DL = 0.04246$$

$$BEC = 0.03068$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.356	28.89	0.0000	P	56.2
3	☐	50.000	48.983	194.45	0.0002	P	14.8
4	☐	125.000	127.126	503.35	0.0004	P	4.1
5	☐	250.000	267.364	1064.50	0.0008	P	5.2
6	☐	500.000	517.391	2054.61	0.0016	P	6.5
7	☐	1000.000	986.737	3892.80	0.0031	P	5.1
8	☐			3.33	0.0000	P	99.7

$$y = 3.1182\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

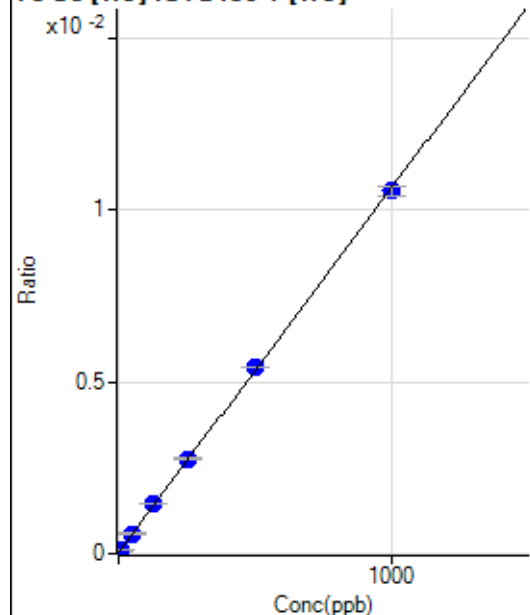
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0000	P	4.3
2	☐	5.000	5.720	123.01	0.0001	P	11.0
3	☐	50.000	51.478	743.43	0.0006	P	4.2
4	☐	125.000	133.992	1851.31	0.0015	P	2.2
5	☐	250.000	256.624	3521.47	0.0028	P	1.3
6	☐	500.000	510.133	6938.74	0.0054	P	0.1
7	☐	1000.000	992.076	13355.32	0.0106	P	2.6
8	☐			65.68	0.0001	P	11.3

$$y = 1.0602\text{E-}005 * x + 3.7437\text{E-}005$$

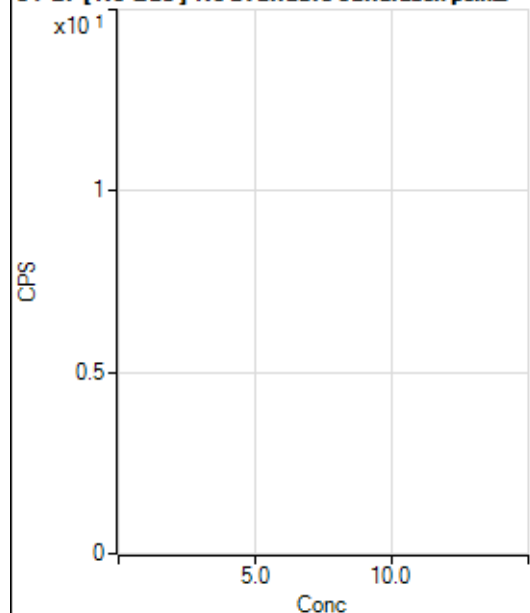
$$R = 0.9999$$

$$DL = 0.4556$$

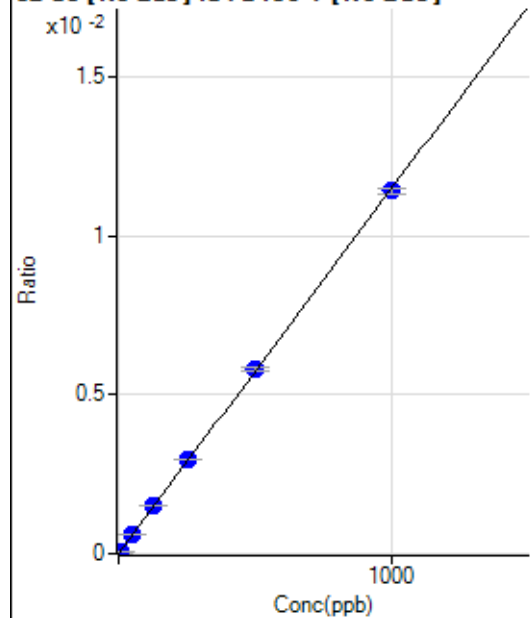
$$BEC = 3.531$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55300.45		P	3.4
2	☐			53936.82		P	1.8
3	☐			52935.31		P	3.5
4	☐			53923.31		P	3.5
5	☐			54834.37		P	0.8
6	☐			52191.66		P	4.3
7	☐			54847.18		P	0.5
8	☐			52674.04		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.16	0.0000	P	82.8
2	☐	5.000	4.935	669.12	0.0001	P	13.7
3	☐	50.000	52.804	6836.82	0.0006	P	2.5
4	☐	125.000	131.704	16920.55	0.0015	P	1.4
5	☐	250.000	259.418	34075.58	0.0030	P	0.9
6	☐	500.000	505.560	66276.87	0.0058	P	1.3
7	☐	1000.000	993.888	129190.92	0.0114	P	1.4
8	☐			212.90	0.0000	P	10.0

$$y = 1.1499\text{E-}005 * x + 3.1328\text{E-}006$$

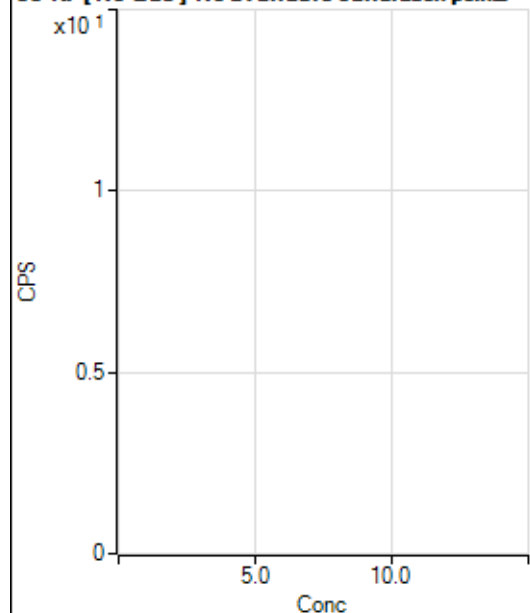
$$R = 0.9999$$

$$DL = 0.6771$$

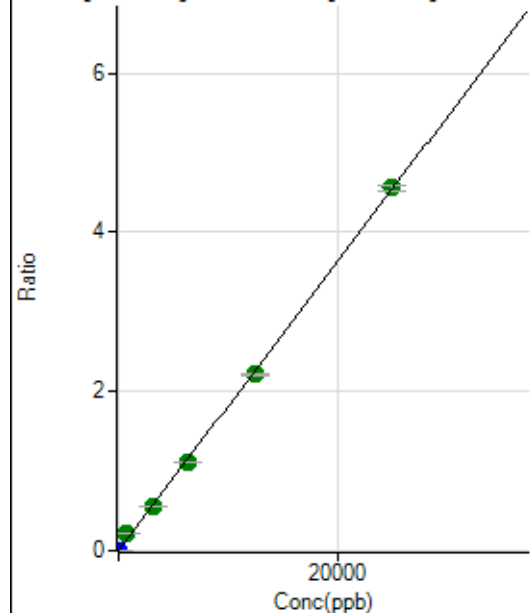
$$BEC = 0.2725$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			329.96		P	6.3
2	☐			366.21		P	8.6
3	☐			331.63		P	4.9
4	☐			336.21		P	8.2
5	☐			324.13		P	3.1
6	☐			354.96		P	5.8
7	☐			366.21		P	6.1
8	☐			376.63		P	4.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	525.03	0.0000	P	14.0
2	☐	1.000	1.014	2591.97	0.0002	P	6.6
3	☐	625.000	1247.417	2531882.54	0.2260	A	0.4
4	☐	3125.000	3085.403	6232308.69	0.5589	A	0.9
5	☐	6250.000	6137.903	12686482.14	1.1119	A	1.3
6	☐	12500.000	12213.323	25208754.73	2.2124	A	1.9
7	☐	25000.000	25160.752	51506791.78	4.5577	A	1.8
8	☐			15161.58	0.0014	P	2.5

$$y = 1.8114E-004 * x + 4.7965E-005$$

$$R = 0.9995$$

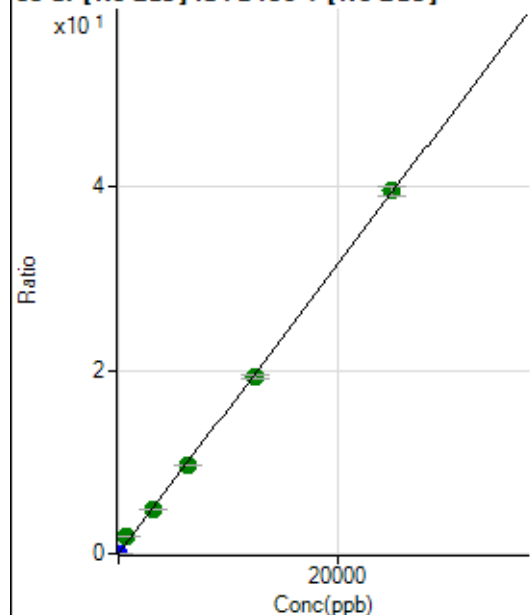
$$DL = 0.1113$$

$$BEC = 0.2648$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	272.23	0.0000	P	39.3
2	☐	1.000	0.964	17241.66	0.0015	P	4.6
3	☐	625.000	1220.539	21501735.20	1.9194	A	1.6
4	☐	3125.000	3044.162	53378016.82	4.7871	A	0.9
5	☐	6250.000	6138.041	110146824.6	9.6523	A	0.5
6	☐	12500.000	12273.983	219997478.5	19.3013	A	1.4
7	☐	25000.000	25136.214	446686537.7	39.5277	A	2.5
8	☐			129792.35	0.0120	P	3.5

$$y = 0.0016 * x + 2.4915E-005$$

$$R = 0.9996$$

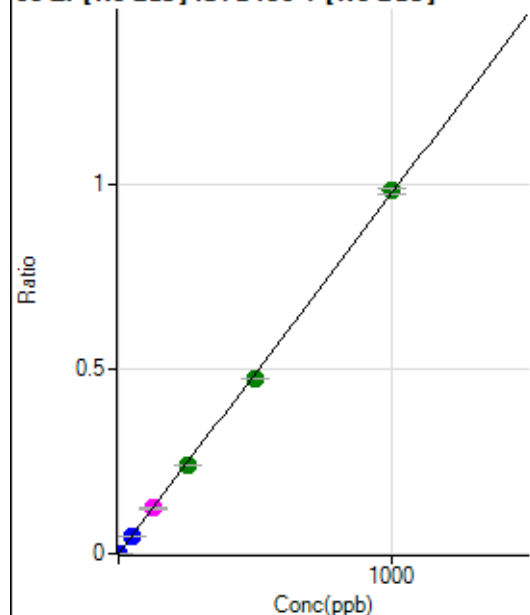
$$DL = 0.01869$$

$$BEC = 0.01584$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	452.80	0.0000	P	14.7
2	☐	1.000	0.935	10671.08	0.0010	P	3.0
3	☐	50.000	49.474	541002.64	0.0483	P	0.3
4	☐	125.000	125.487	1365076.86	0.1224	M	0.9
5	☐	250.000	245.764	2735398.56	0.2397	A	1.0
6	☐	500.000	487.389	5417598.95	0.4754	A	0.2
7	☐	1000.000	1007.330	11103237.06	0.9825	A	1.9
8	☐			3156.00	0.0003	P	2.7

$$y = 9.7528E-004 * x + 4.1433E-005$$

$$R = 0.9999$$

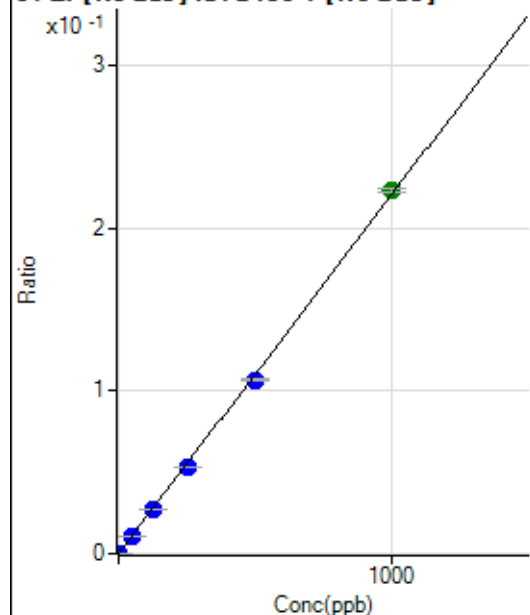
$$DL = 0.01875$$

$$BEC = 0.04248$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	55.9
2	☐	1.000	0.888	2286.36	0.0002	P	9.2
3	☐	50.000	48.711	120520.41	0.0108	P	1.0
4	☐	125.000	122.345	301159.22	0.0270	P	0.8
5	☐	250.000	241.243	607583.14	0.0532	P	1.0
6	☐	500.000	483.053	1214853.29	0.1066	P	1.1
7	☐	1000.000	1011.059	2522125.10	0.2231	A	0.9
8	☐			722.26	0.0001	P	9.3

$$y = 2.2068\text{E-}004 * x + 8.4154\text{E-}006$$

$$R = 0.9997$$

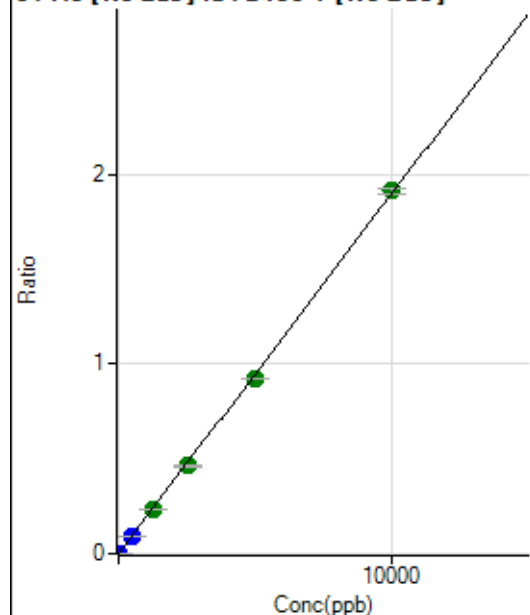
$$DL = 0.06394$$

$$BEC = 0.03813$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.89	0.0000	P	36.4
2	☐	5.000	5.472	11730.21	0.0010	P	6.0
3	☐	500.000	492.086	1046184.63	0.0934	P	0.6
4	☐	1250.000	1246.188	2637061.34	0.2365	A	1.5
5	☐	2500.000	2440.747	5284795.91	0.4632	A	0.8
6	☐	5000.000	4857.999	10506406.83	0.9218	A	0.7
7	☐	10000.000	10086.686	21630708.99	1.9140	A	1.8
8	☐			6993.67	0.0006	P	2.8

$$y = 1.8976\text{E-}004 * x + 1.0418\text{E-}005$$

$$R = 0.9998$$

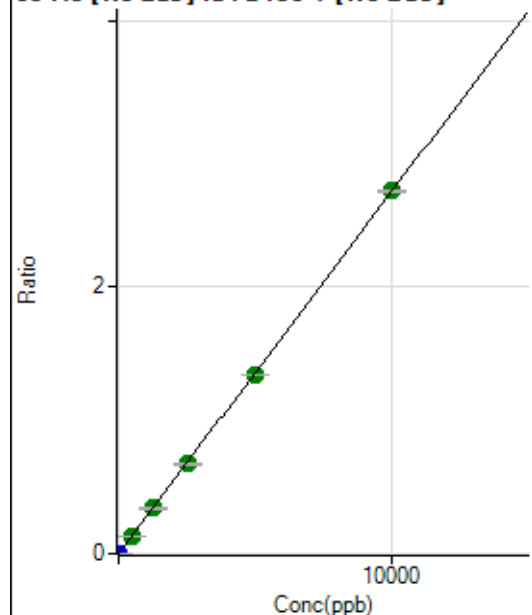
$$DL = 0.05989$$

$$BEC = 0.0549$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	42.6
2	☐	5.000	4.974	15111.32	0.0014	P	5.6
3	☐	500.000	494.342	1501894.56	0.1341	A	1.6
4	☐	1250.000	1257.329	3802161.67	0.3410	A	1.5
5	☐	2500.000	2475.205	7659588.10	0.6713	A	0.6
6	☐	5000.000	4951.101	15302780.90	1.3427	A	0.6
7	☐	10000.000	10030.015	30742749.30	2.7201	A	0.6
8	☐			9375.84	0.0009	P	8.2

$$y = 2.7119\text{E-}004 * x + 2.0272\text{E-}006$$

$$R = 1.0000$$

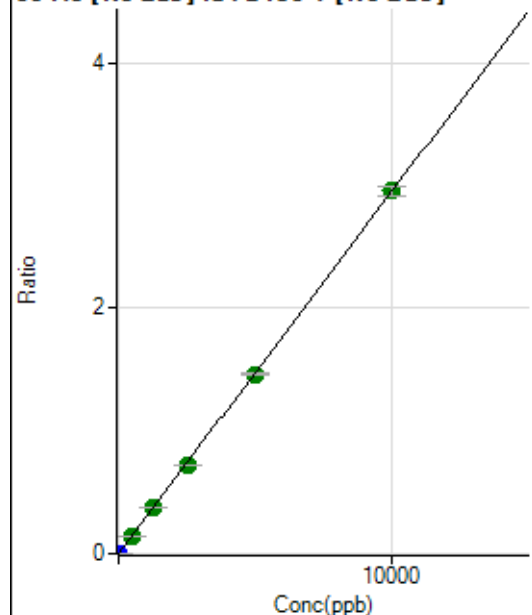
$$DL = 0.009558$$

$$BEC = 0.007475$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	183.34	0.0000	P	22.8
2	☐	5.000	4.959	16560.37	0.0015	P	2.4
3	☐	500.000	499.601	1651145.57	0.1474	A	2.1
4	☐	1250.000	1265.494	4162756.52	0.3733	A	1.9
5	☐	2500.000	2452.772	8255722.32	0.7235	A	1.0
6	☐	5000.000	4960.204	16675434.75	1.4632	A	1.5
7	☐	10000.000	10029.788	33435753.18	2.9587	A	2.4
8	☐			24210.87	0.0022	P	3.7

$$y = 2.9499\text{E-}004 * x + 1.6720\text{E-}005$$

$$R = 1.0000$$

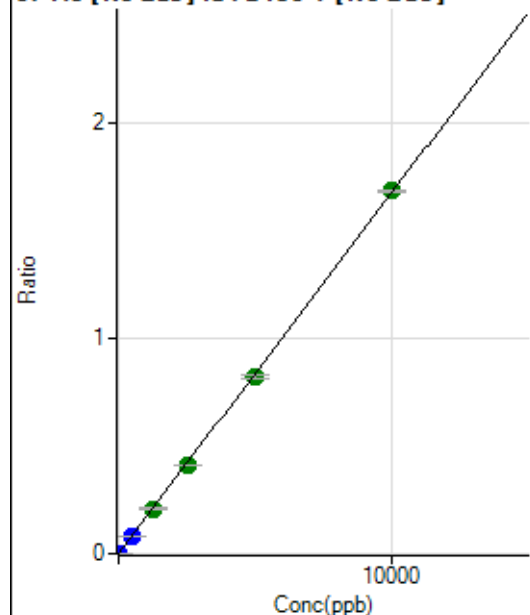
$$DL = 0.0388$$

$$BEC = 0.05668$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	101.
2	☐	5.000	4.918	9203.31	0.0008	P	5.6
3	☐	500.000	501.733	939410.23	0.0839	P	1.1
4	☐	1250.000	1243.413	2317333.21	0.2078	A	1.8
5	☐	2500.000	2450.683	4674915.60	0.4096	A	1.9
6	☐	5000.000	4912.246	9354915.49	0.8210	A	1.8
7	☐	10000.000	10056.943	18998190.53	1.6808	A	0.7
8	☐			5829.17	0.0005	P	1.1

$$y = 1.6713E-004 * x + 7.6796E-007$$

$$R = 0.9999$$

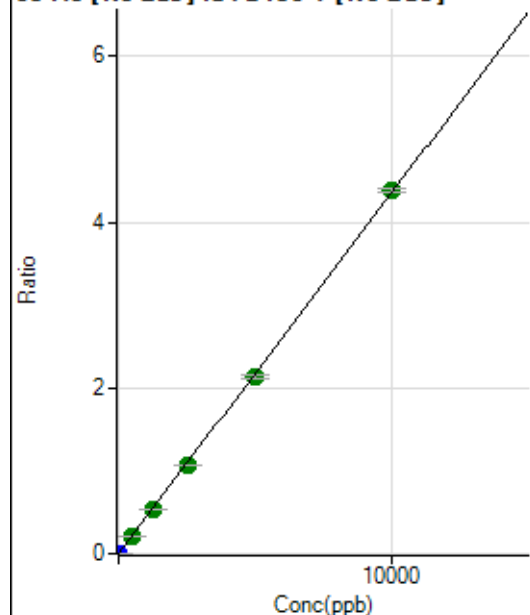
$$DL = 0.01393$$

$$BEC = 0.004595$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	34.9
2	☐	5.000	4.758	23236.69	0.0021	P	3.7
3	☐	500.000	499.214	2435613.29	0.2174	A	2.0
4	☐	1250.000	1232.658	5986151.17	0.5368	A	1.9
5	☐	2500.000	2453.638	12192929.79	1.0686	A	1.0
6	☐	5000.000	4923.813	24433687.70	2.1444	A	2.0
7	☐	10000.000	10051.891	49479718.12	4.3777	A	1.2
8	☐			14377.61	0.0013	P	2.6

$$y = 4.3551E-004 * x + 4.5842E-006$$

$$R = 0.9999$$

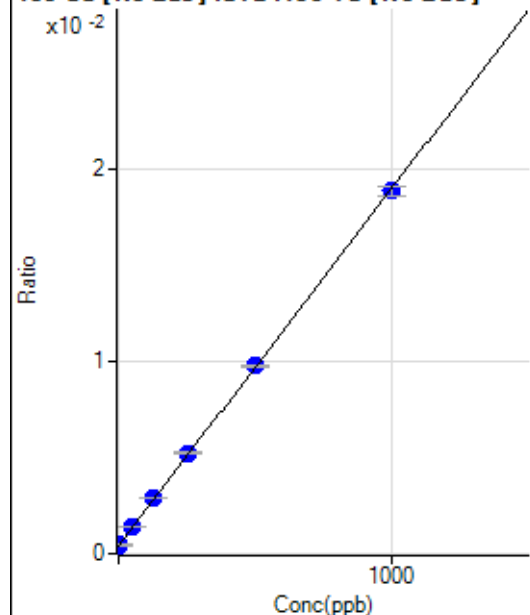
$$DL = 0.01101$$

$$BEC = 0.01053$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3792.30	0.0004	P	6.3
2	☐	1.000	2.524	4386.93	0.0005	P	6.9
3	☐	50.000	53.682	13512.56	0.0014	P	1.9
4	☐	125.000	133.594	27394.59	0.0029	P	2.9
5	☐	250.000	259.821	50591.05	0.0052	P	1.1
6	☐	500.000	504.416	94857.19	0.0098	P	1.3
7	☐	1000.000	994.077	183510.02	0.0189	P	2.5
8	☐			3831.21	0.0004	P	11.9

$$y = 1.8590\text{E-}005 * x + 4.1486\text{E-}004$$

$$R = 0.9999$$

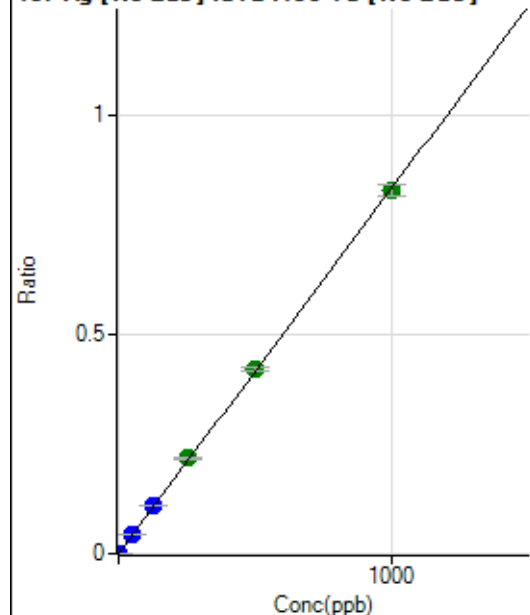
$$DL = 4.228$$

$$BEC = 22.32$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	113.89	0.0000	P	5.2
2	☐	1.000	1.026	8213.78	0.0009	P	9.4
3	☐	50.000	52.060	413979.60	0.0433	P	0.5
4	☐	125.000	130.840	1027850.96	0.1088	P	0.5
5	☐	250.000	261.961	2100259.16	0.2177	A	1.4
6	☐	500.000	504.884	4064900.83	0.4196	A	1.3
7	☐	1000.000	993.735	8019941.59	0.8259	A	3.3
8	☐			3575.56	0.0004	P	2.5

$$y = 8.3114\text{E-}004 * x + 1.2469\text{E-}005$$

$$R = 0.9999$$

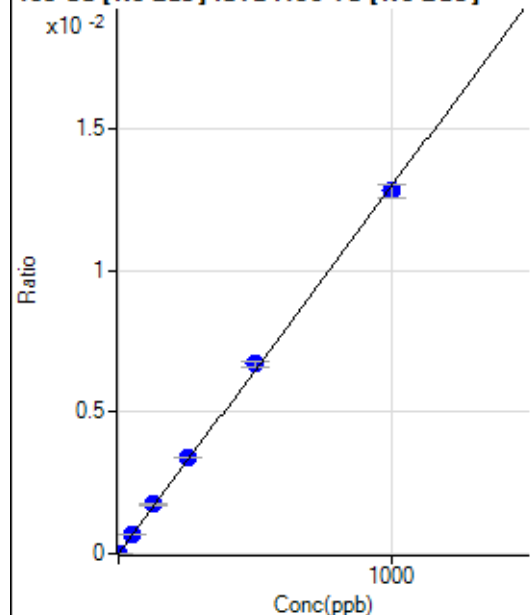
$$DL = 0.00234$$

$$BEC = 0.015$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	17.2
2	☐	1.000	0.710	113.89	0.0000	P	37.7
3	☐	50.000	52.597	6558.57	0.0007	P	3.5
4	☐	125.000	133.635	16423.79	0.0017	P	1.2
5	☐	250.000	261.909	32832.35	0.0034	P	1.4
6	☐	500.000	515.989	64927.26	0.0067	P	2.2
7	☐	1000.000	987.820	124567.51	0.0128	P	3.7
8	☐			75.00	0.0000	P	27.4

$$y = 1.2985\text{E-}005 * x + 2.7380\text{E-}006$$

$$R = 0.9997$$

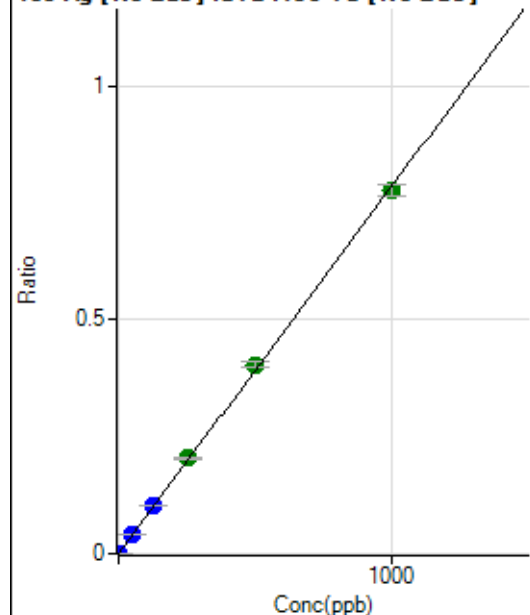
$$DL = 0.1087$$

$$BEC = 0.2109$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	43.8
2	☐	1.000	1.047	7858.03	0.0008	P	5.4
3	☐	50.000	53.542	402166.79	0.0420	P	0.5
4	☐	125.000	130.252	966648.84	0.1023	P	2.1
5	☐	250.000	260.904	1975946.38	0.2049	A	2.8
6	☐	500.000	515.825	3923126.39	0.4050	A	2.2
7	☐	1000.000	988.528	7537566.49	0.7762	A	3.0
8	☐			3447.75	0.0004	P	3.3

$$y = 7.8521\text{E-}004 * x + 5.1615\text{E-}006$$

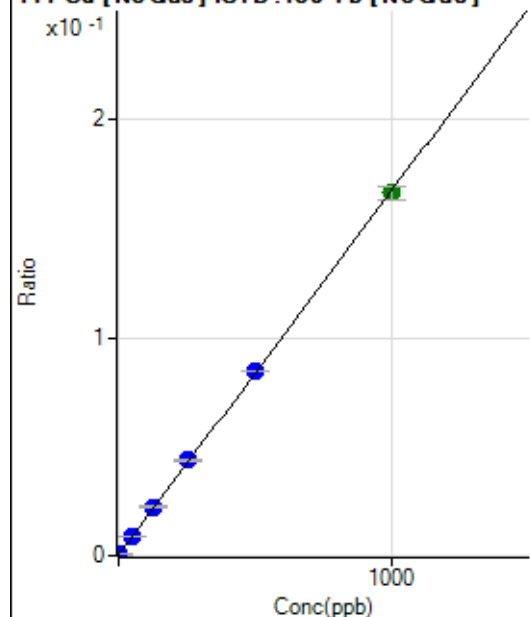
$$R = 0.9997$$

$$DL = 0.008642$$

$$BEC = 0.006573$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2646.83	0.0003	P	6.6
2	☐	1.000	1.240	4720.42	0.0005	P	3.5
3	☐	50.000	52.906	87293.66	0.0091	P	0.4
4	☐	125.000	132.069	211210.81	0.0223	P	2.0
5	☐	250.000	259.921	421604.98	0.0437	P	0.4
6	☐	500.000	503.959	818260.58	0.0845	P	0.5
7	☐	1000.000	994.511	1615770.23	0.1664	A	3.4
8	☐			3214.09	0.0003	P	10.2

$$y = 1.6703\text{E-}004 * x + 2.8954\text{E-}004$$

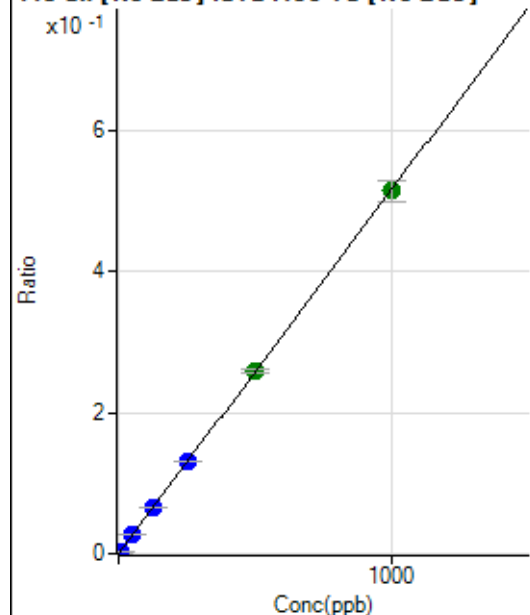
$$R = 0.9999$$

$$DL = 0.345$$

$$BEC = 1.733$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	472.24	0.0001	P	13.9
2	☐	5.000	5.012	25048.48	0.0026	P	0.7
3	☐	50.000	50.356	248727.71	0.0260	P	0.9
4	☐	125.000	126.635	617255.04	0.0653	P	1.2
5	☐	250.000	255.058	1268549.54	0.1315	P	0.6
6	☐	500.000	503.882	2515862.27	0.2597	A	2.0
7	☐	1000.000	996.572	4985564.56	0.5137	A	5.8
8	☐			6023.71	0.0007	P	5.4

$$y = 5.1539\text{E-}004 * x + 5.1631\text{E-}005$$

$$R = 1.0000$$

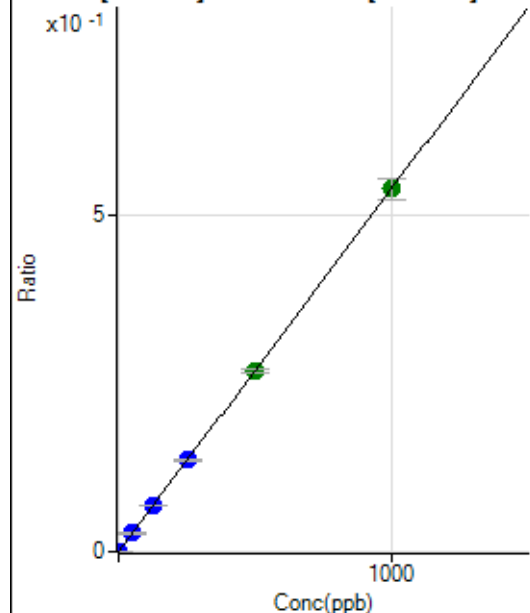
$$DL = 0.04185$$

$$BEC = 0.1002$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	99.7
2	☐	2.000	1.991	10215.20	0.0011	P	3.6
3	☐	50.000	50.344	259270.75	0.0271	P	0.5
4	☐	125.000	126.914	645751.76	0.0683	P	0.7
5	☐	250.000	252.977	1313761.08	0.1362	P	1.4
6	☐	500.000	498.538	2599854.83	0.2684	A	1.5
7	☐	1000.000	999.730	5223458.58	0.5382	A	5.6
8	☐			3847.91	0.0004	P	20.8

$$y = 5.3838\text{E-}004 * x + 2.7468\text{E-}006$$

$$R = 1.0000$$

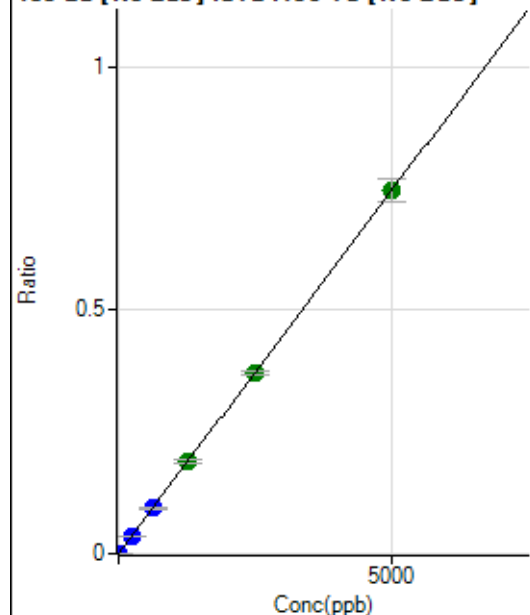
$$DL = 0.01525$$

$$BEC = 0.005102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	33.7
2	☐	10.000	9.510	13496.02	0.0014	P	8.0
3	☐	250.000	243.240	346589.71	0.0362	P	2.0
4	☐	625.000	623.445	877664.51	0.0929	P	0.4
5	☐	1250.000	1274.219	1830718.92	0.1898	A	2.7
6	☐	2500.000	2492.884	3596860.32	0.3713	A	1.6
7	☐	5000.000	4998.037	7224287.83	0.7445	A	6.2
8	☐			4525.90	0.0005	P	3.6

$$y = 1.4896\text{E-}004 * x + 4.2667\text{E-}006$$

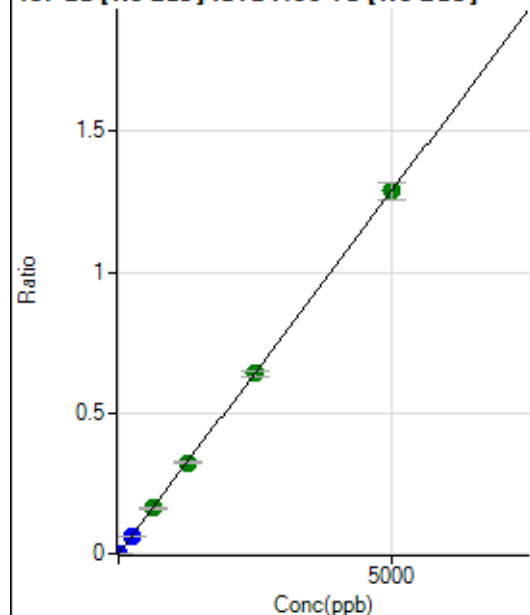
$$R = 1.0000$$

$$DL = 0.02893$$

$$BEC = 0.02864$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	44.2
2	☐	10.000	9.477	23245.66	0.0024	P	4.7
3	☐	250.000	244.362	601914.69	0.0629	P	0.4
4	☐	625.000	627.979	1528322.83	0.1617	A	1.6
5	☐	1250.000	1257.909	3124543.06	0.3239	A	1.1
6	☐	2500.000	2485.381	6198518.02	0.6400	A	2.7
7	☐	5000.000	5005.243	12511163.99	1.2889	A	4.6
8	☐			7899.79	0.0009	P	5.3

$$y = 2.5751E-004 * x + 5.4764E-006$$

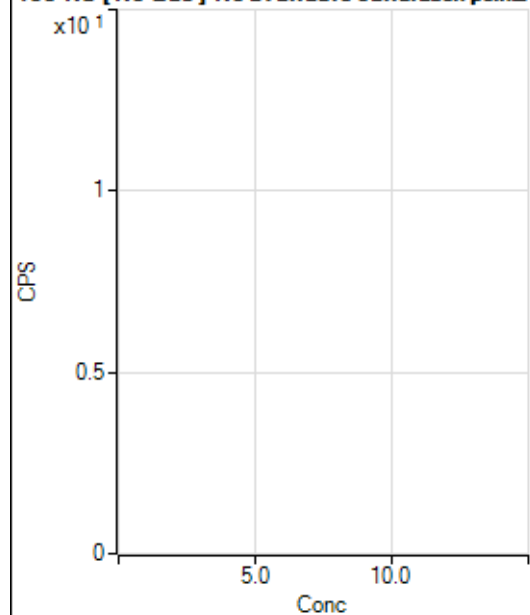
$$R = 1.0000$$

$$DL = 0.02821$$

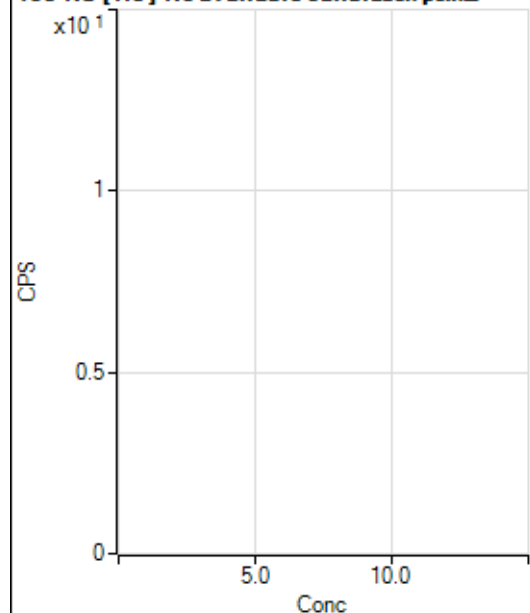
$$BEC = 0.02127$$

Weight: <None>

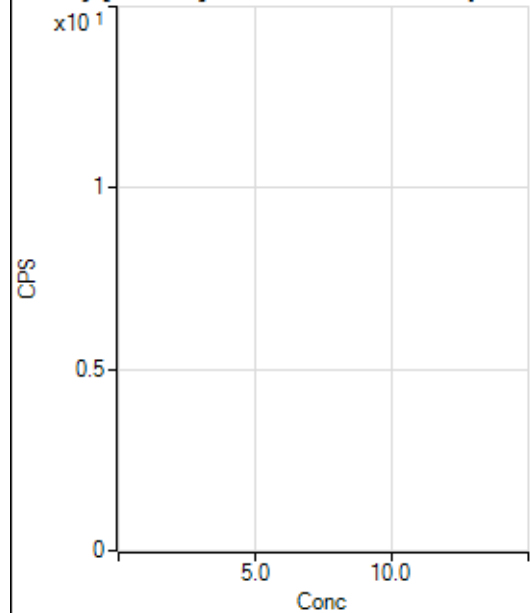
Min Conc: 0

150 Nd [No Gas] No available calibration points

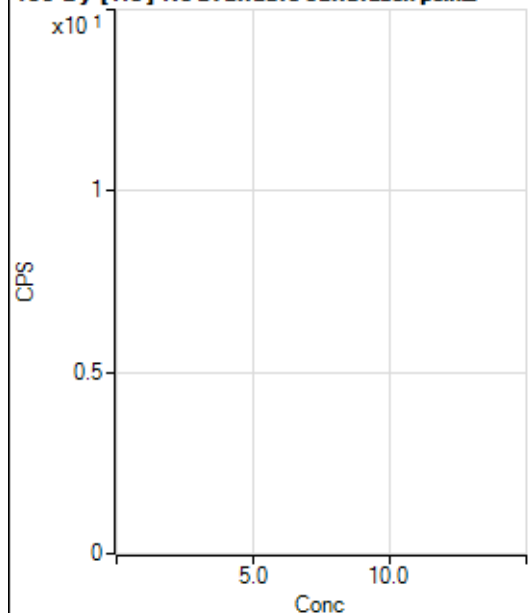
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.
2	☐			6.67		P	0.0
3	☐			68.89		P	20.1
4	☐			104.45		P	45.3
5	☐			248.90		P	22.5
6	☐			522.25		P	2.7
7	☐			877.83		P	7.6
8	☐			57.78		P	29.0

150 Nd [He] No available calibration points

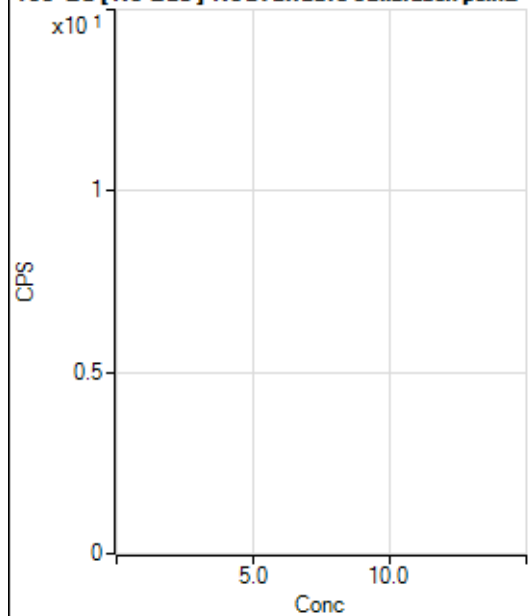
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			1.11		P	173.
3	☐			4.44		P	43.4
4	☐			14.44		P	58.1
5	☐			20.00		P	44.1
6	☐			24.44		P	20.8
7	☐			93.34		P	16.4
8	☐			21.11		P	32.9

156 Dy [No Gas] No available calibration points

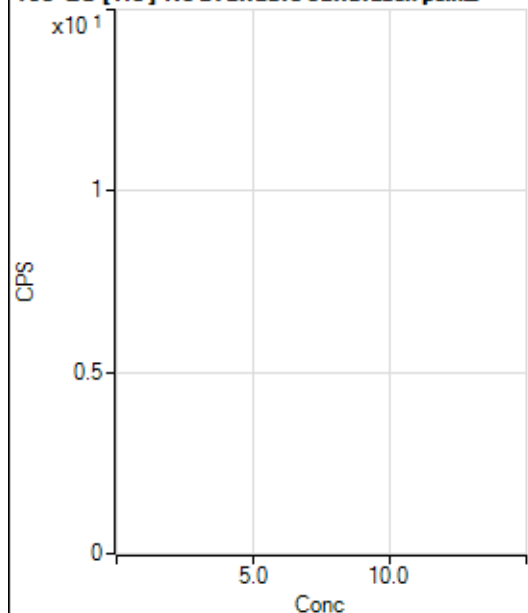
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	173.
3	☐			38.89		P	32.7
4	☐			69.45		P	45.4
5	☐			113.89		P	21.1
6	☐			238.90		P	7.3
7	☐			480.58		P	26.3
8	☐			1191.75		P	8.4

156 Dy [He] No available calibration points

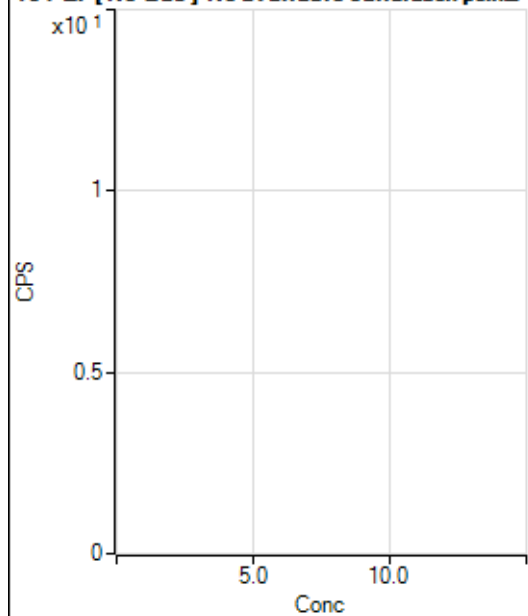
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			4.44		P	114.
3	☐			14.44		P	35.3
4	☐			28.89		P	6.7
5	☐			40.00		P	33.3
6	☐			115.56		P	31.8
7	☐			177.78		P	3.9
8	☐			532.24		P	6.1

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

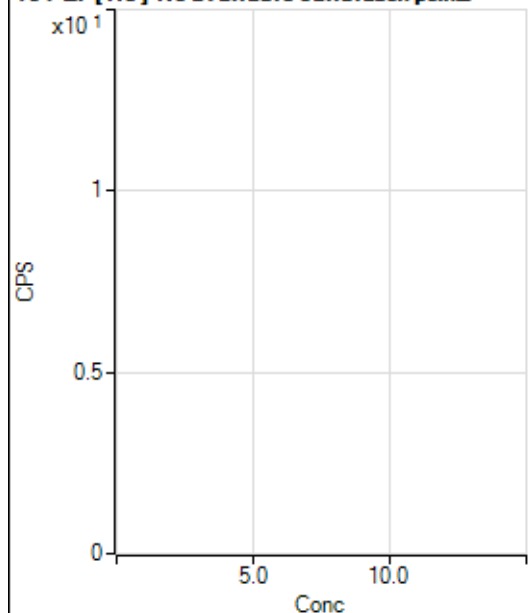
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	9.1
2	☐			83.33		P	45.8
3	☐			72.22		P	24.0
4	☐			125.01		P	35.3
5	☐			166.67		P	27.8
6	☐			286.12		P	17.8
7	☐			369.46		P	9.1
8	☐			1355.66		P	9.2

160 Gd [He] No available calibration points

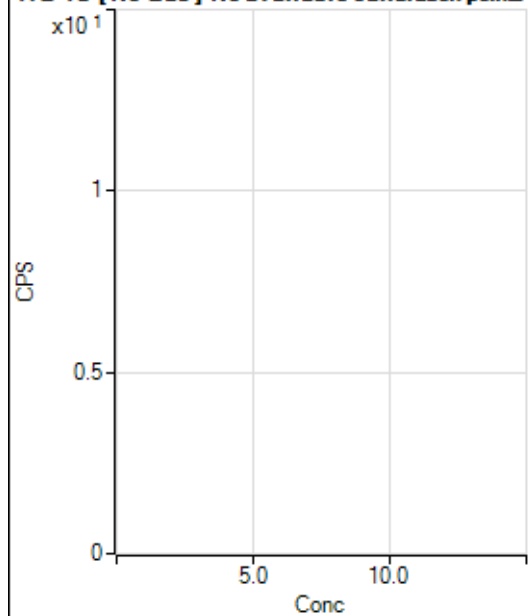
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			150.01		P	13.9
2	☐			154.45		P	9.0
3	☐			141.11		P	17.4
4	☐			148.89		P	21.5
5	☐			158.89		P	4.4
6	☐			205.56		P	17.9
7	☐			285.56		P	11.9
8	☐			768.92		P	5.2

164 Er [No Gas] No available calibration points

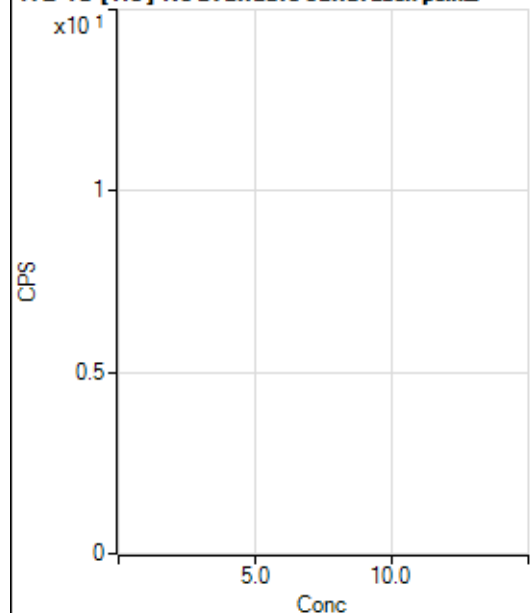
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	15.7
2	☐			77.78		P	37.6
3	☐			80.56		P	67.3
4	☐			83.34		P	34.6
5	☐			80.56		P	48.9
6	☐			113.89		P	4.2
7	☐			191.67		P	19.9
8	☐			102.78		P	12.4

164 Er [He] No available calibration points

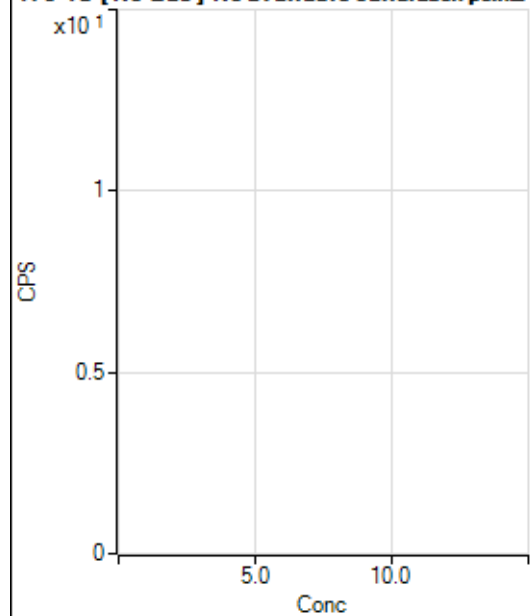
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	24.3
2	☐			35.56		P	35.5
3	☐			33.33		P	50.0
4	☐			40.00		P	52.0
5	☐			50.00		P	20.0
6	☐			64.45		P	16.6
7	☐			85.56		P	2.3
8	☐			53.34		P	39.0

172 Yb [No Gas] No available calibration points

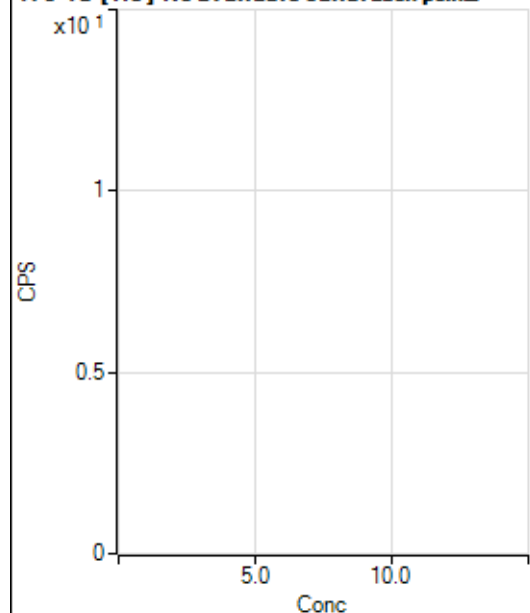
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	37.8
2	☐			44.44		P	39.0
3	☐			83.34		P	36.1
4	☐			80.56		P	26.0
5	☐			116.67		P	32.7
6	☐			138.89		P	33.0
7	☐			233.34		P	12.4
8	☐			475.02		P	19.5

172 Yb [He] No available calibration points

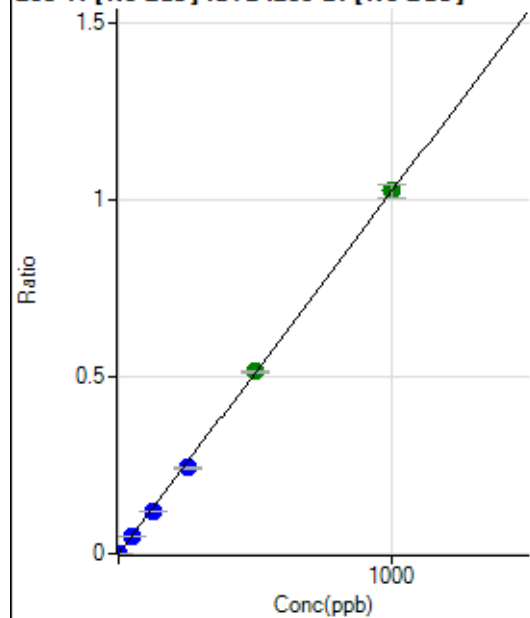
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.30		P	18.3
2	☐			24.07		P	13.3
3	☐			27.78		P	52.9
4	☐			27.78		P	34.6
5	☐			51.85		P	6.2
6	☐			68.52		P	12.4
7	☐			103.71		P	25.3
8	☐			259.27		P	1.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1338.99		P	4.8
2	☐			1491.79		P	4.6
3	☐			2869.84		P	3.0
4	☐			4484.22		P	3.4
5	☐			7821.96		P	2.7
6	☐			14424.97		P	3.0
7	☐			26699.71		P	1.9
8	☐			1758.51		P	9.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			9005.07		P	2.5
2	☐			9123.73		P	3.1
3	☐			9590.69		P	1.7
4	☐			10665.61		P	1.3
5	☐			11772.13		P	1.9
6	☐			15010.63		P	0.7
7	☐			19653.81		P	0.1
8	☐			9162.58		P	4.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	22.5
2	☐	1.000	0.897	5515.21	0.0009	P	3.5
3	☐	50.000	47.112	276385.23	0.0482	P	0.9
4	☐	125.000	116.089	698291.78	0.1188	P	2.5
5	☐	250.000	237.763	1443079.25	0.2433	P	3.0
6	☐	500.000	502.574	2983350.15	0.5142	A	1.0
7	☐	1000.000	1003.031	5853216.49	1.0262	A	3.8
8	☐			1641.82	0.0003	P	7.9

$$y = 0.0010 * x + 1.7624E-005$$

$$R = 0.9999$$

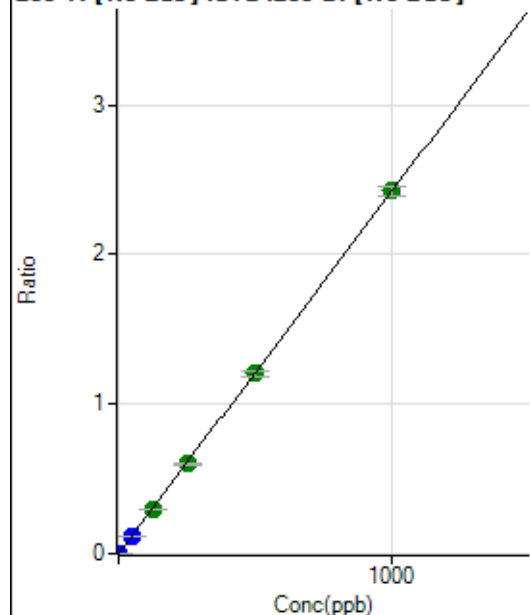
$$DL = 0.01163$$

$$BEC = 0.01723$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	7.5
2	☐	1.000	0.899	13020.80	0.0022	P	3.4
3	☐	50.000	48.705	675322.03	0.1178	P	1.3
4	☐	125.000	122.641	1743665.71	0.2966	A	2.7
5	☐	250.000	247.970	3557805.03	0.5998	A	3.3
6	☐	500.000	497.071	6974592.60	1.2022	A	2.3
7	☐	1000.000	1002.332	13829050.83	2.4242	A	2.5
8	☐			3867.35	0.0008	P	5.8

$$y = 0.0024 * x + 3.4752E-005$$

$$R = 1.0000$$

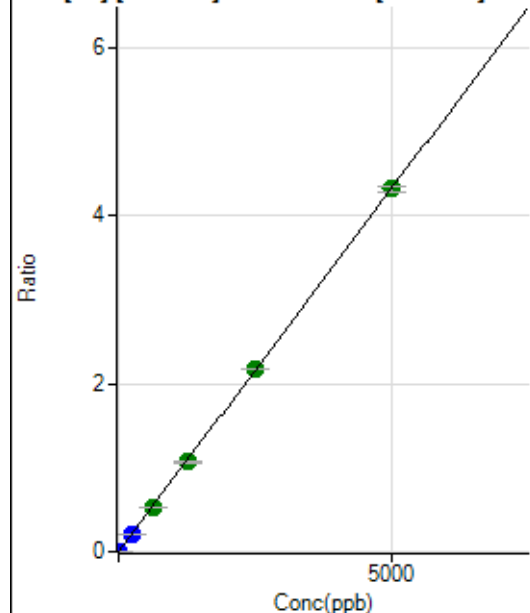
$$DL = 0.003227$$

$$BEC = 0.01437$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	674.10	0.0001	P	12.2
2	☐	1.000	0.839	4976.99	0.0008	P	3.6
3	☐	250.000	235.981	1169826.26	0.2041	P	2.7
4	☐	625.000	613.631	3119097.90	0.5306	A	1.9
5	☐	1250.000	1237.317	6348012.01	1.0699	A	1.3
6	☐	2500.000	2516.663	12624850.97	2.1759	A	0.7
7	☐	5000.000	4996.961	24650471.85	4.3203	A	1.8
8	☐			6801.93	0.0014	P	5.4

$$y = 8.6457E-004 * x + 1.1862E-004$$

$$R = 1.0000$$

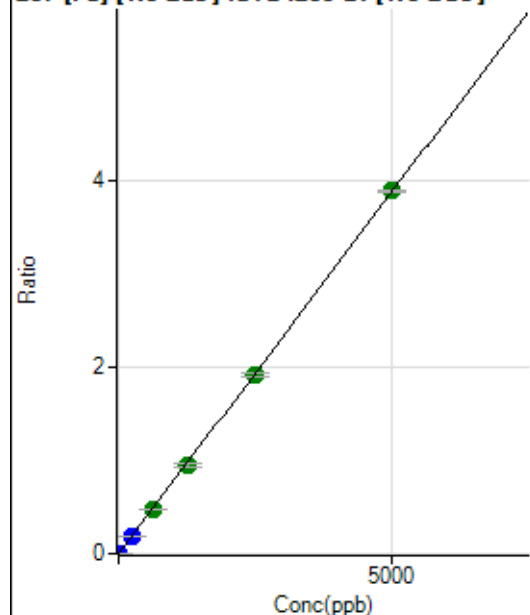
$$DL = 0.05036$$

$$BEC = 0.1372$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	546.32	0.0001	P	3.8
2	☐	1.000	0.843	4410.09	0.0007	P	3.1
3	☐	250.000	236.525	1047956.38	0.1829	P	2.6
4	☐	625.000	615.503	2796708.71	0.4757	A	0.7
5	☐	1250.000	1223.811	5610786.47	0.9458	A	2.7
6	☐	2500.000	2471.630	11081330.92	1.9101	A	2.3
7	☐	5000.000	5022.593	22144887.07	3.8813	A	0.5
8	☐			5845.87	0.0012	P	1.7

$$y = 7.7275E-004 * x + 9.6230E-005$$

R = 1.0000

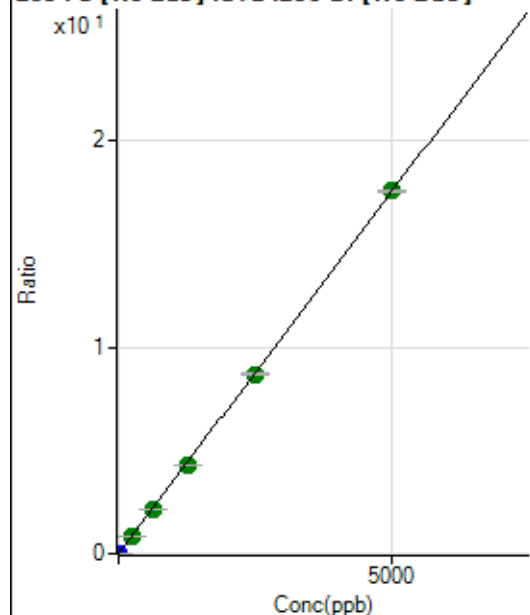
DL = 0.0142

BEC = 0.1245

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2548.29	0.0004	P	4.2
2	☐	1.000	0.846	20106.49	0.0034	P	0.6
3	☐	250.000	243.003	4879172.39	0.8514	A	2.0
4	☐	625.000	612.722	12615745.88	2.1461	A	0.9
5	☐	1250.000	1225.834	25470740.45	4.2930	A	1.6
6	☐	2500.000	2483.862	50468435.50	8.6984	A	0.6
7	☐	5000.000	5015.995	100220402.7	17.5653	A	0.3
8	☐			27184.16	0.0055	P	2.2

$$y = 0.0035 * x + 4.4876E-004$$

R = 1.0000

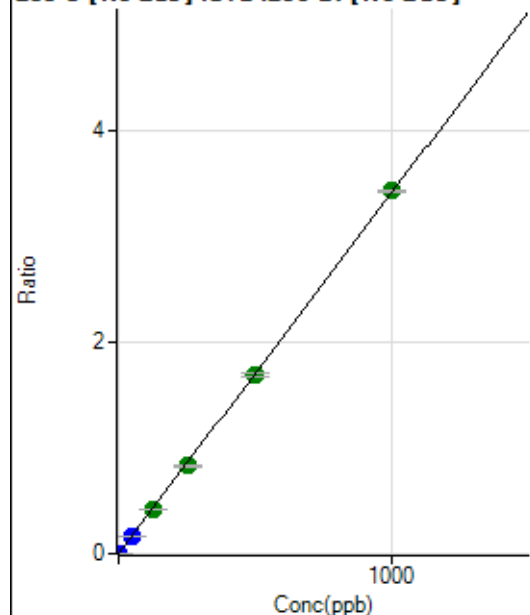
DL = 0.01613

BEC = 0.1282

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	45.2
2	☐	1.000	0.897	18121.79	0.0031	P	6.6
3	☐	50.000	47.487	930582.79	0.1624	P	2.0
4	☐	125.000	122.661	2465730.70	0.4194	A	0.7
5	☐	250.000	242.708	4922974.59	0.8299	A	2.9
6	☐	500.000	493.951	9798713.67	1.6890	A	1.9
7	☐	1000.000	1005.266	19611495.23	3.4373	A	0.7
8	☐			1647.39	0.0003	P	11.4

$$y = 0.0034 * x + 8.8311E-006$$

$$R = 0.9999$$

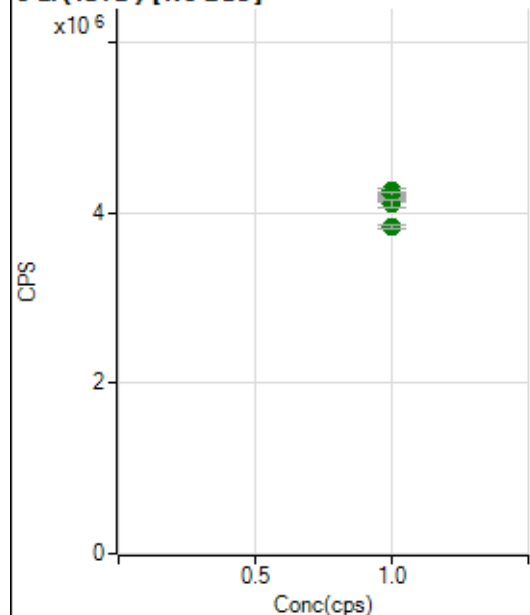
$$DL = 0.003504$$

$$BEC = 0.002583$$

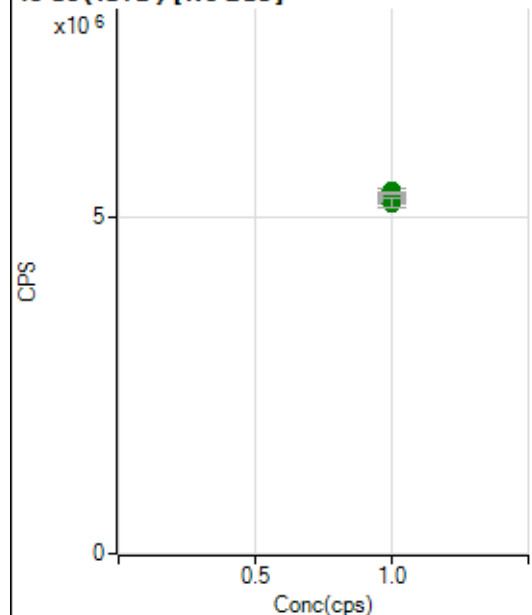
Weight: <None>

Min Conc: 0

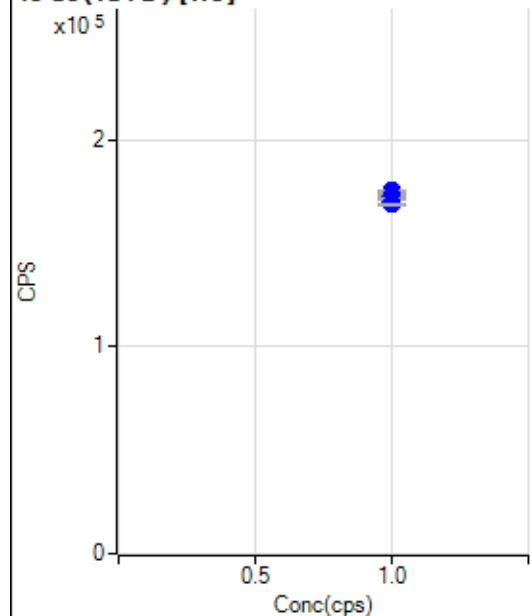
6 Li (ISTD) [No Gas]



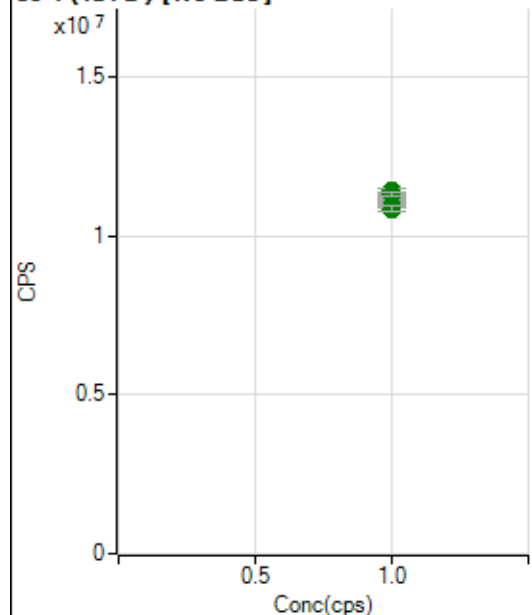
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4228453.22		A	2.9
2	☐	1.000		4154354.78		A	1.3
3	☐	1.000		4181290.42		A	0.5
4	☐	1.000		4263012.28		A	1.4
5	☐	1.000		4166836.70		A	0.7
6	☐	1.000		4215752.15		A	1.6
7	☐	1.000		4114172.12		A	2.3
8	☐	1.000		3847593.80		A	1.2

45 Sc (ISTD) [No Gas]

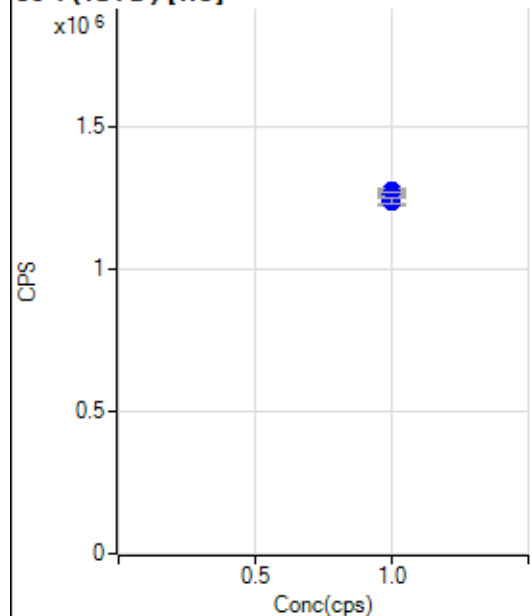
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5218634.20		A	1.6
2	☐	1.000		5268354.43		A	1.1
3	☐	1.000		5197834.72		A	0.4
4	☐	1.000		5280007.98		A	2.0
5	☐	1.000		5290678.88		A	1.0
6	☐	1.000		5382269.44		A	1.3
7	☐	1.000		5350682.01		A	0.9
8	☐	1.000		5201502.35		A	3.1

45 Sc (ISTD) [He]

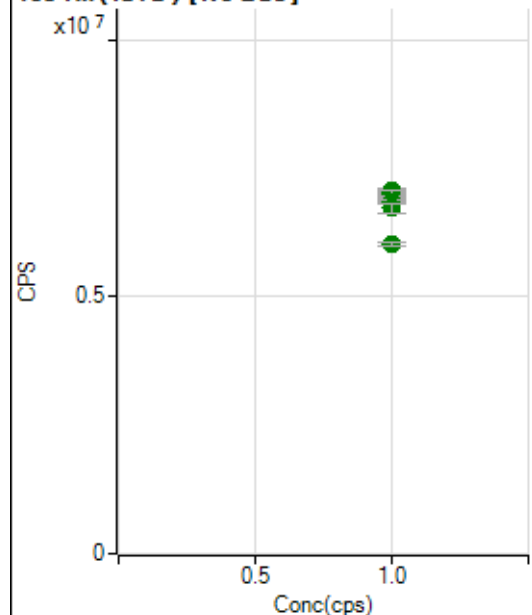
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		169678.44		P	1.2
2	☐	1.000		170508.83		P	2.6
3	☐	1.000		173677.68		P	0.5
4	☐	1.000		173989.63		P	0.9
5	☐	1.000		175211.45		P	0.4
6	☐	1.000		173000.39		P	0.9
7	☐	1.000		171737.94		P	0.6
8	☐	1.000		168872.14		P	0.7

89 Y (ISTD) [No Gas]

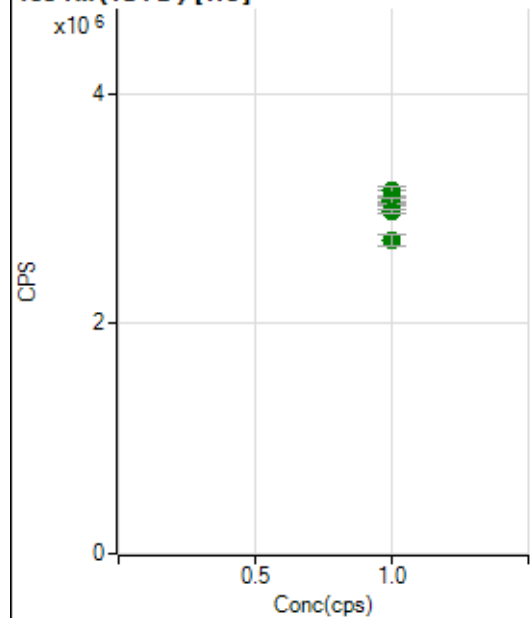
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10945472.75		A	1.6
2	☐	1.000		11194283.17		A	2.2
3	☐	1.000		11202649.14		A	0.2
4	☐	1.000		11150600.11		A	0.7
5	☐	1.000		11411411.22		A	1.7
6	☐	1.000		11396526.64		A	1.7
7	☐	1.000		11302543.03		A	1.1
8	☐	1.000		10846664.56		A	1.6

89 Y (ISTD) [He]

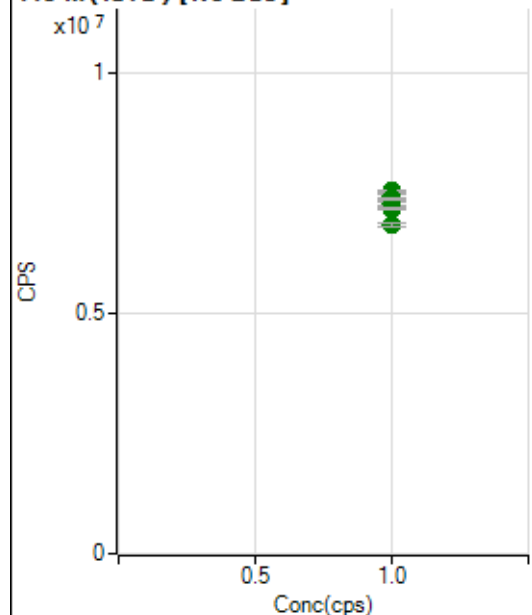
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1247346.74		P	2.2
2	☐	1.000		1254885.73		M	4.7
3	☐	1.000		1274425.91		P	1.2
4	☐	1.000		1269611.48		P	1.3
5	☐	1.000		1276801.85		P	0.2
6	☐	1.000		1274180.16		P	1.4
7	☐	1.000		1265466.10		P	0.8
8	☐	1.000		1241820.18		P	1.7

103 Rh (ISTD) [No Gas]

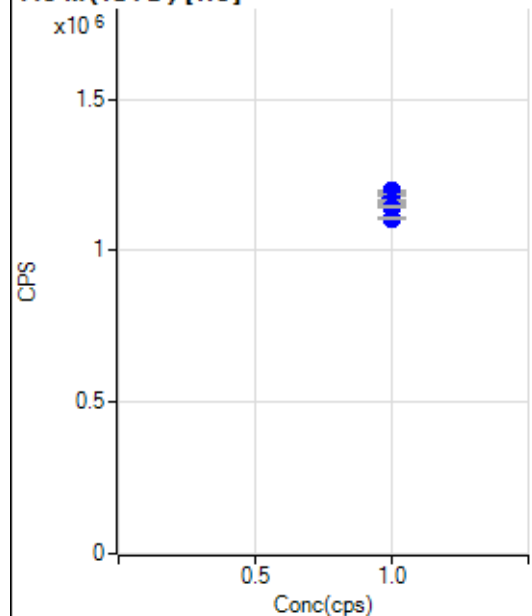
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6861043.77		A	1.8
2	☐	1.000		7053504.67		A	1.5
3	☐	1.000		6992892.00		A	1.0
4	☐	1.000		6946411.44		A	2.8
5	☐	1.000		7009910.83		A	1.3
6	☐	1.000		6833738.43		A	1.0
7	☐	1.000		6711720.38		A	3.0
8	☐	1.000		6016667.28		A	1.1

103 Rh (ISTD) [He]

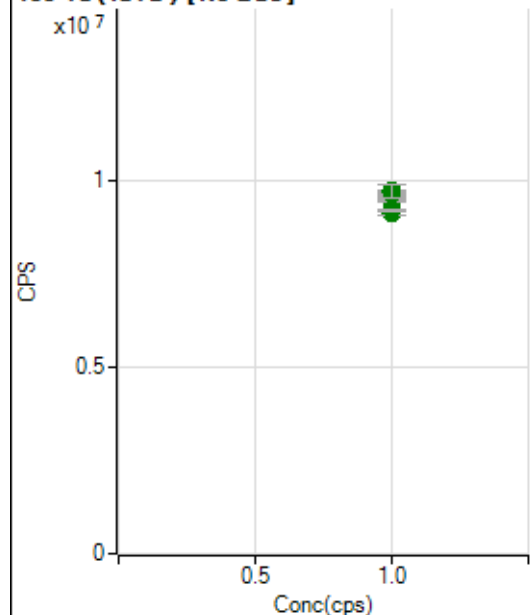
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3070610.37		A	2.6
2	☐	1.000		3104145.79		A	3.5
3	☐	1.000		3154635.61		A	2.6
4	☐	1.000		3081036.24		A	1.2
5	☐	1.000		3077856.55		A	1.0
6	☐	1.000		3065505.44		A	1.8
7	☐	1.000		2979362.45		A	1.2
8	☐	1.000		2727117.88		A	3.5

115 In (ISTD) [No Gas]

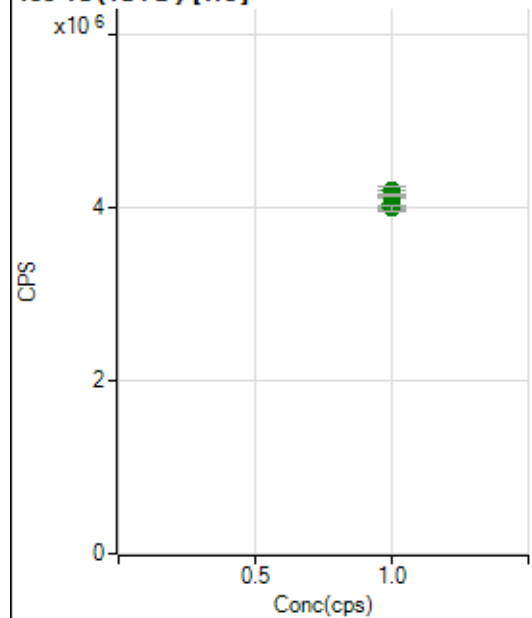
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7276405.08		A	1.3
2	☐	1.000		7430808.19		A	1.5
3	☐	1.000		7383914.45		A	0.5
4	☐	1.000		7430065.28		A	1.4
5	☐	1.000		7548590.30		A	0.4
6	☐	1.000		7383499.38		A	0.5
7	☐	1.000		7181825.79		A	0.7
8	☐	1.000		6851674.84		A	1.1

115 In (ISTD) [He]

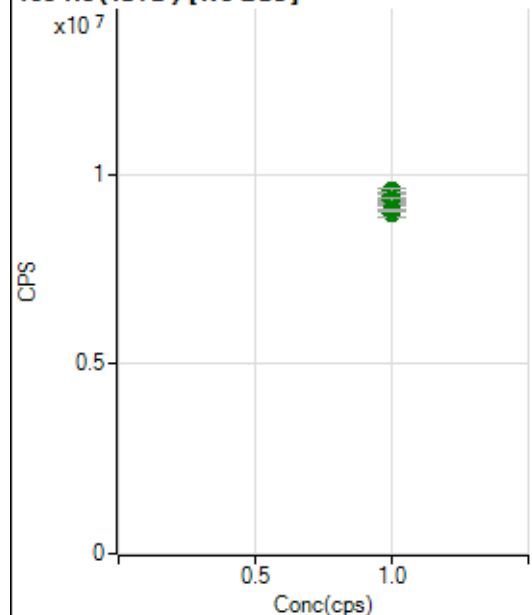
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1160774.33		P	1.4
2	☐	1.000		1176853.07		P	3.2
3	☐	1.000		1197485.01		P	0.6
4	☐	1.000		1184862.65		P	1.0
5	☐	1.000		1189217.86		P	0.1
6	☐	1.000		1163493.37		P	0.8
7	☐	1.000		1144634.56		P	0.9
8	☐	1.000		1106510.37		P	0.5

159 Tb (ISTD) [No Gas]

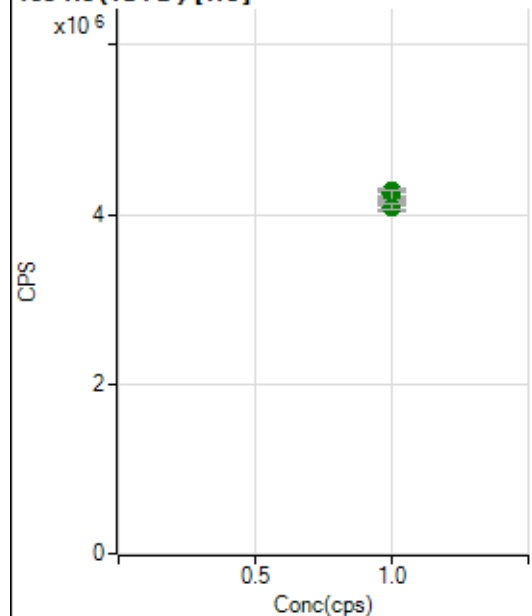
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9137215.84		A	1.1
2	☐	1.000		9508200.14		A	2.2
3	☐	1.000		9564767.36		A	0.2
4	☐	1.000		9450702.08		A	1.0
5	☐	1.000		9646575.14		A	0.9
6	☐	1.000		9687572.50		A	1.4
7	☐	1.000		9717841.66		A	3.7
8	☐	1.000		9194272.71		A	0.4

159 Tb (ISTD) [He]

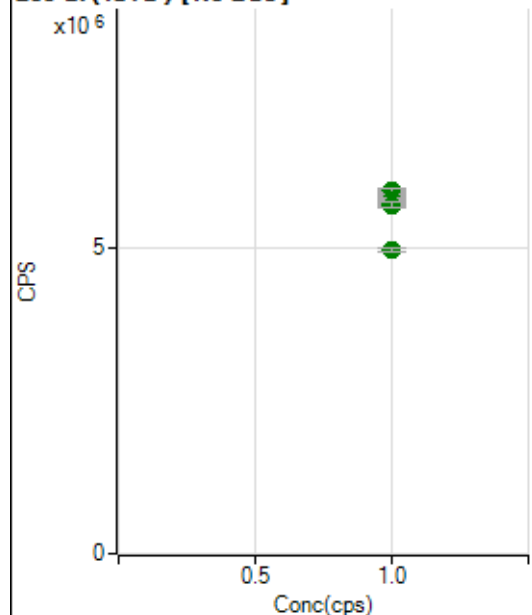
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3995322.16		A	1.3
2	☐	1.000		4049733.24		A	2.7
3	☐	1.000		4050116.43		A	2.5
4	☐	1.000		4145903.17		A	2.1
5	☐	1.000		4152989.66		A	2.4
6	☐	1.000		4191232.58		A	2.1
7	☐	1.000		4142150.08		A	0.4
8	☐	1.000		3990985.04		A	1.3

165 Ho (ISTD) [No Gas]

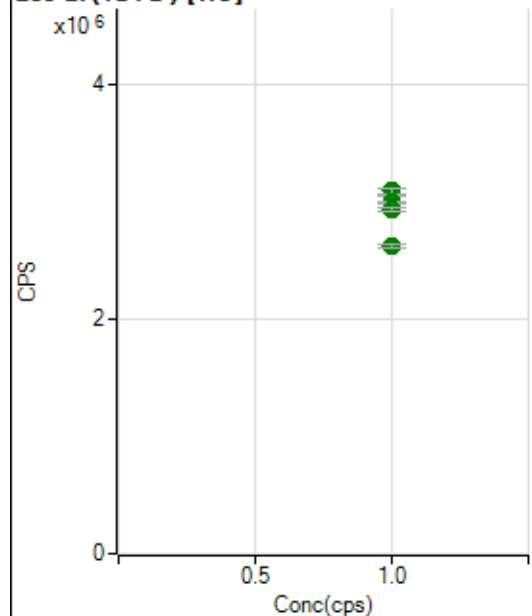
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8973556.28		A	2.2
2	☐	1.000		9172365.48		A	1.8
3	☐	1.000		9220997.69		A	1.5
4	☐	1.000		9223276.68		A	1.4
5	☐	1.000		9410147.87		A	1.6
6	☐	1.000		9554518.79		A	1.0
7	☐	1.000		9303043.87		A	1.9
8	☐	1.000		9041060.10		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4078161.74		A	1.6
2	☐	1.000		4087237.44		A	2.2
3	☐	1.000		4204396.74		A	2.8
4	☐	1.000		4164430.29		A	1.2
5	☐	1.000		4276620.73		A	1.1
6	☐	1.000		4257761.22		A	1.9
7	☐	1.000		4229758.23		A	2.4
8	☐	1.000		4089072.34		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5678308.67		A	1.1
2	☐	1.000		5895455.95		A	1.4
3	☐	1.000		5731763.25		A	1.3
4	☐	1.000		5878751.72		A	1.3
5	☐	1.000		5934154.29		A	1.9
6	☐	1.000		5802241.09		A	0.9
7	☐	1.000		5705729.77		A	1.4
8	☐	1.000		4967073.81		A	1.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2992957.39		A	3.0
2	☐	1.000		2979862.39		A	4.2
3	☐	1.000		3056099.54		A	0.4
4	☐	1.000		3053852.42		A	0.3
5	☐	1.000		3087499.75		A	1.7
6	☐	1.000		2987819.26		A	0.8
7	☐	1.000		2932574.78		A	0.8
8	☐	1.000		2615116.37		A	1.5

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8021623 MS.b

Acq. Date-Time 2023-02-16 13:09:43

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		12814	128139.95			0.572	5.000
24		77054	770544.35			0.436	5.000
25		10710	107104.78			0.587	5.000
26		12226	122263.62			0.693	5.000
59		54332	543318.61			0.378	5.000
113		6266	62656.63			0.813	5.000
115		81696	816958.09			1.026	5.000
206		17982	179817.37			0.358	5.000
207		16352	163515.11			0.774	5.000
208		39715	397148.90			0.990	5.000
220		0	4.00			52.291	

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

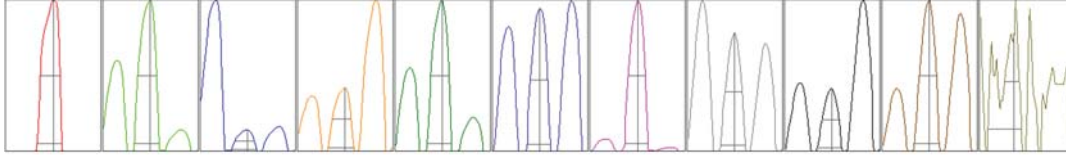
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	12716	12780	12902	12868	12805
24	77127	77058	77089	77468	76531
25	10696	10621	10782	10697	10758
26	12196	12137	12356	12261	12182
59	54021	54460	54565	54300	54313
113	6212	6343	6228	6272	6273
115	81790	80791	81724	81171	83003
206	17967	17897	17958	18065	18022
207	16242	16437	16397	16195	16486
208	39485	39284	39691	39788	40326

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	21997.08	9.05	8.90 - 9.10	
24	135314.98	24.00	23.90 - 24.10	
25	18499.29	25.00	24.90 - 25.10	
26	21496.25	26.00	25.90 - 26.10	
59	100237.39	59.00	58.90 - 59.10	
113	12156.24	113.00	112.90 - 113.10	
115	159781.05	115.05	114.90 - 115.10	
206	34874.35	206.00	205.90 - 206.10	
207	31687.66	207.00	206.90 - 207.10	
208	76477.99	208.00	207.90 - 208.10	
220	0.70	219.60	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.779	0.900	
24	0.60	0.784	0.900	
25	0.60	0.786	0.900	
26	0.61	0.820	0.900	
59	0.57	0.775	0.900	
113	0.54	0.731	0.900	
115	0.53	0.736	0.900	
206	0.53	0.782	0.900	
207	0.53	0.773	0.900	
208	0.53	0.779	0.900	
220	0.46	1.049		

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	10.0 V	Deflect	16.4 V
Extract 2	-180.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm
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EM

Discriminator	4.5 mV	Analog HV	2312 V	Pulse HV	1704 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		12092	120924.19			0.389	
89		14582	145817.66			0.789	
205		11667	116665.55			1.326	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	12088	12164	12053	12049	12108
89	14683	14656	14477	14438	14655
205	11633	11744	11461	11618	11876

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	10.0 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-180.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm
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EM

Discriminator	4.5 mV	Analog HV	2312 V	Pulse HV	1704 V
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LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 13:54:12	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.07	0.06	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	0.01	0.00	0.00	N/A	ppb
Boron	11-1	0.01	0.01	-0.02	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	-0.08	-0.05	0.00	N/A	ppb
Cadmium	106-1	1.60	-1.03	-0.57	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.00	0.04	0.00	N/A	ppb
Calcium	43-1	0.60	0.03	-0.63	0.00	N/A	ppb
Calcium	44-1	-0.04	0.26	-0.22	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.03	-0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.37	0.60	-0.23	0.00	N/A	ppb
Iron	56-2	0.03	0.11	-0.14	0.00	N/A	ppb
Iron	57-2	0.21	-0.41	0.20	0.00	N/A	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 13:54:12	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.71	-0.09	0.81	0.00	N/A	ppb
Manganese	55-2	0.01	-0.02	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	-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	0.01	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	4.28	-10.53	-13.64	-6.63		ppb
Potassium	39-2	-2.72	3.60	-0.89	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.25	0.07	0.18	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	-0.14	0.16	0.00	N/A	ppb
Silicon	28-1	-0.06	0.25	-0.18	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	-0.28	1.56	-1.29	0.00	N/A	ppb
Strontium	86-1	0.03	0.00	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	-2.30	313.53	-143.80	55.81	419.52	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 13:54:12	DataFile Name :	004CALB.d

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

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:00:32	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.33	20.47	19.61	20.47	4.19	ppb
Antimony	121-1	2.03	2.03	1.91	1.99	3.57	ppb
Arsenic	75-2	1.08	1.09	1.14	1.10	2.79	ppb
Barium	135-1	9.89	10.01	8.63	9.51	8.04	ppb
Barium	137-1	9.97	9.12	9.34	9.48	4.67	ppb
Beryllium	9-1	1.11	1.11	1.09	1.10	0.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	8.51	8.69	8.43	8.54	1.58	ppb
Boron	11-1	8.30	8.83	8.55	8.56	3.10	ppb
Bromine	81-1						cps
Cadmium	111-1	1.30	1.30	1.12	1.24	8.29	ppb
Cadmium	106-1	3.40	3.61	0.56	2.52	67.59	ppb
Cadmium	108-1	0.79	0.33	1.01	0.71	48.90	ppb
Calcium	43-1	514.94	497.82	491.54	501.43	2.42	ppb
Calcium	44-1	516.43	506.18	501.53	508.04	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	2.00	1.88	1.98	4.64	ppb
Cobalt	59-2	0.94	1.05	0.96	0.98	5.85	ppb
Copper	63-2	2.09	2.13	1.93	2.05	5.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	52.53	54.43	47.76	51.58	6.66	ppb
Iron	56-2	51.68	52.83	48.56	51.02	4.33	ppb
Iron	57-2	52.62	51.17	50.90	51.56	1.80	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:00:32	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.86	0.86	0.80	0.84	4.23	ppb
Lead	207-1	0.81	0.85	0.87	0.84	3.53	ppb
Lead	208-1	0.84	0.85	0.84	0.85	0.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	513.14	515.59	491.14	506.62	2.66	ppb
Manganese	55-2	0.95	1.03	0.90	0.96	6.60	ppb
Molybdenum	94-1	5.66	5.66	5.09	5.47	6.02	ppb
Molybdenum	95-1	5.13	5.14	4.65	4.97	5.64	ppb
Molybdenum	96-1	4.91	5.10	4.87	4.96	2.47	ppb
Molybdenum	97-1	5.16	4.98	4.62	4.92	5.56	ppb
Molybdenum	98-1	4.94	4.74	4.59	4.76	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.12	0.90	1.01	10.79	ppb
Phosphorus	31-2	-10.93	2.72	28.09	6.63	298.74	ppb
Potassium	39-2	486.23	494.98	450.41	477.21	4.95	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.17	5.51	4.13	4.94	14.49	ppb
Selenium	77-2	2.59	9.77	9.72	7.36	56.15	ppb
Selenium	78-2	6.89	5.09	5.19	5.72	17.74	ppb
Silicon	28-1	0.39	0.25	0.06	0.23	70.65	ppb
Silver	107-1	1.13	1.02	0.93	1.03	9.49	ppb
Silver	109-1	1.11	1.03	1.00	1.05	5.43	ppb
Sodium	23-2	502.32	514.94	469.49	495.58	4.73	ppb
Strontium	86-1	1.10	0.93	1.01	1.01	8.29	ppb
Strontium	88-1	0.99	0.99	0.91	0.96	4.69	ppb
Sulfur	34-1	100.75	-114.69	-153.48	-55.81		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.87	0.89	0.90	3.52	ppb
Thallium	205-1	0.90	0.93	0.87	0.90	3.47	ppb
Tin	118-1	5.05	5.00	4.99	5.01	0.75	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:00:32	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.01	5.10	5.42	5.18	4.18	ppb
Uranium	238-1	0.96	0.88	0.85	0.90	6.63	ppb
Vanadium	51-2	4.91	4.92	4.97	4.93	0.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.40	2.53	2.14	2.35	8.39	ppb
Zirconium	90-1	0.97	0.93	0.91	0.94	3.09	ppb
Zirconium	91-1	0.98	0.87	0.81	0.89	9.63	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:03:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1048.27	1035.17	1018.37	1033.94	1.45	ppb
Antimony	121-1	50.25	50.62	50.16	50.34	0.49	ppb
Arsenic	75-2	50.56	51.25	50.31	50.71	0.96	ppb
Barium	135-1	241.78	248.75	239.19	243.24	2.03	ppb
Barium	137-1	245.25	244.51	243.33	244.36	0.40	ppb
Beryllium	9-1	52.77	52.54	53.51	52.94	0.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	50.77	53.64	54.39	52.93	3.61	ppb
Boron	11-1	51.52	53.80	55.26	53.53	3.52	ppb
Bromine	81-1						cps
Cadmium	111-1	53.13	52.73	52.85	52.91	0.39	ppb
Cadmium	106-1	52.00	54.30	54.75	53.68	2.75	ppb
Cadmium	108-1	51.76	54.72	51.31	52.60	3.52	ppb
Calcium	43-1	6030.43	5888.91	5894.07	5937.80	1.35	ppb
Calcium	44-1	5824.73	5746.37	5772.88	5781.33	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.60	49.05	48.52	49.06	1.11	ppb
Cobalt	59-2	49.61	48.59	48.06	48.76	1.62	ppb
Copper	63-2	509.00	512.94	500.77	507.57	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	2669.35	2627.64	2622.61	2639.87	0.97	ppb
Iron	56-2	2655.08	2606.04	2684.59	2648.57	1.50	ppb
Iron	57-2	2642.86	2609.08	2587.59	2613.18	1.07	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:03:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	237.58	241.36	229.00	235.98	2.68	ppb
Lead	207-1	238.06	241.68	229.84	236.53	2.57	ppb
Lead	208-1	245.98	245.62	237.41	243.00	1.99	ppb
Lithium	6-1				99		%
Magnesium	24-2	5335.30	5185.25	5217.63	5246.06	1.51	ppb
Manganese	55-2	484.52	482.50	487.71	484.91	0.54	ppb
Molybdenum	94-1	489.92	495.29	491.05	492.09	0.58	ppb
Molybdenum	95-1	488.72	491.16	503.15	494.34	1.56	ppb
Molybdenum	96-1	508.06	487.91	502.84	499.60	2.09	ppb
Molybdenum	97-1	507.34	501.65	496.20	501.73	1.11	ppb
Molybdenum	98-1	505.48	487.62	504.54	499.21	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.02	50.87	51.84	51.58	1.20	ppb
Phosphorus	31-2	1046.80	975.05	967.06	996.30	4.41	ppb
Potassium	39-2	2484.30	2462.46	2432.39	2459.71	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	82-1	54.11	51.47	52.84	52.80	2.50	ppb
Selenium	77-2	41.39	49.78	55.77	48.98	14.75	ppb
Selenium	78-2	53.89	49.26	51.28	51.48	4.50	ppb
Silicon	28-1	53.33	53.57	52.57	53.16	0.99	ppb
Silver	107-1	51.78	52.32	52.08	52.06	0.52	ppb
Silver	109-1	53.85	53.45	53.32	53.54	0.51	ppb
Sodium	23-2	5080.84	5290.66	5103.56	5158.35	2.23	ppb
Strontium	86-1	1246.98	1242.14	1253.13	1247.42	0.44	ppb
Strontium	88-1	1234.65	1197.85	1229.12	1220.54	1.63	ppb
Sulfur	34-1	1580.28	1420.65	1394.14	1465.03	6.87	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	46.67	47.11	47.55	47.11	0.94	ppb
Thallium	205-1	49.36	48.62	48.14	48.71	1.26	ppb
Tin	118-1	49.85	50.73	50.49	50.36	0.90	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:03:41	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	529.97	531.41	515.62	525.67	1.66	ppb
Uranium	238-1	47.91	48.17	46.38	47.49	2.03	ppb
Vanadium	51-2	50.23	48.42	49.41	49.35	1.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	524.40	519.13	516.52	520.02	0.77	ppb
Zirconium	90-1	49.32	49.51	49.59	49.47	0.28	ppb
Zirconium	91-1	48.36	48.51	49.26	48.71	0.99	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:06:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2650.53	2634.44	2624.16	2636.37	0.50	ppb
Antimony	121-1	127.70	127.14	125.90	126.91	0.73	ppb
Arsenic	75-2	127.67	129.31	128.58	128.52	0.64	ppb
Barium	135-1	625.94	623.26	621.14	623.45	0.39	ppb
Barium	137-1	628.40	617.80	637.73	627.98	1.59	ppb
Beryllium	9-1	126.21	129.31	130.82	128.78	1.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	126.61	133.45	135.53	131.86	3.54	ppb
Boron	11-1	130.20	134.78	138.67	134.55	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	132.31	134.59	129.30	132.07	2.01	ppb
Cadmium	106-1	129.63	138.59	132.57	133.59	3.42	ppb
Cadmium	108-1	135.53	132.94	132.44	133.63	1.24	ppb
Calcium	43-1	14441.54	14503.95	14679.23	14541.57	0.85	ppb
Calcium	44-1	13680.96	14097.31	13817.02	13865.10	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.53	122.68	121.79	122.67	0.71	ppb
Cobalt	59-2	123.19	120.43	122.44	122.02	1.17	ppb
Copper	63-2	1330.88	1308.94	1324.85	1321.56	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	6686.53	6642.94	6541.63	6623.70	1.12	ppb
Iron	56-2	6607.11	6600.73	6602.98	6603.61	0.05	ppb
Iron	57-2	6640.44	6485.84	6528.62	6551.63	1.22	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:06:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	620.62	619.95	600.33	613.63	1.88	ppb
Lead	207-1	612.21	620.77	613.53	615.50	0.75	ppb
Lead	208-1	612.39	618.47	607.30	612.72	0.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	13695.20	13483.32	13307.82	13495.45	1.44	ppb
Manganese	55-2	1235.21	1224.95	1224.34	1228.17	0.50	ppb
Molybdenum	94-1	1256.80	1257.15	1224.62	1246.19	1.50	ppb
Molybdenum	95-1	1251.08	1278.45	1242.46	1257.33	1.49	ppb
Molybdenum	96-1	1258.78	1292.16	1245.54	1265.49	1.90	ppb
Molybdenum	97-1	1242.87	1265.64	1221.74	1243.41	1.77	ppb
Molybdenum	98-1	1227.61	1258.19	1212.17	1232.66	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.64	129.81	131.18	130.54	0.53	ppb
Phosphorus	31-2	2535.85	2354.63	2440.98	2443.82	3.71	ppb
Potassium	39-2	6197.19	6133.94	6185.79	6172.31	0.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	129.67	133.13	132.32	131.70	1.37	ppb
Selenium	77-2	124.29	133.15	123.93	127.13	4.11	ppb
Selenium	78-2	133.98	136.96	131.03	133.99	2.21	ppb
Silicon	28-1	128.75	131.20	134.03	131.32	2.01	ppb
Silver	107-1	130.69	131.57	130.26	130.84	0.51	ppb
Silver	109-1	129.11	133.36	128.28	130.25	2.09	ppb
Sodium	23-2	13172.18	13083.72	12701.20	12985.70	1.93	ppb
Strontium	86-1	3058.28	3086.92	3111.02	3085.40	0.86	ppb
Strontium	88-1	3023.35	3076.68	3032.46	3044.16	0.94	ppb
Sulfur	34-1	2851.57	3077.66	3218.40	3049.21	6.07	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	114.88	119.39	113.99	116.09	2.50	ppb
Thallium	205-1	123.11	125.71	119.09	122.64	2.72	ppb
Tin	118-1	128.25	126.53	125.13	126.64	1.24	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:06:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1256.92	1253.78	1288.83	1266.51	1.53	ppb
Uranium	238-1	122.99	121.67	123.33	122.66	0.71	ppb
Vanadium	51-2	125.52	125.70	122.26	124.49	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	1319.26	1313.70	1309.23	1314.06	0.38	ppb
Zirconium	90-1	124.28	126.34	125.84	125.49	0.86	ppb
Zirconium	91-1	122.42	123.31	121.30	122.35	0.82	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:09:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5214.97	5124.99	5084.23	5141.40	1.30	ppb
Antimony	121-1	256.96	250.80	251.18	252.98	1.37	ppb
Arsenic	75-2	252.56	252.95	246.17	250.56	1.52	ppb
Barium	135-1	1308.41	1274.58	1239.67	1274.22	2.70	ppb
Barium	137-1	1274.04	1246.92	1252.76	1257.91	1.13	ppb
Beryllium	9-1	263.87	261.75	257.57	261.06	1.23	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	265.77	273.38	282.11	273.75	2.99	ppb
Boron	11-1	246.30	254.06	250.84	250.40	1.56	ppb
Bromine	81-1						cps
Cadmium	111-1	259.50	261.24	259.02	259.92	0.45	ppb
Cadmium	106-1	263.23	258.65	257.58	259.82	1.16	ppb
Cadmium	108-1	263.17	257.67	264.89	261.91	1.44	ppb
Calcium	43-1	29357.01	29771.66	29764.27	29630.98	0.80	ppb
Calcium	44-1	28279.72	28382.17	28277.29	28313.06	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247.48	240.96	237.84	242.09	2.03	ppb
Cobalt	59-2	243.03	239.30	238.49	240.27	1.01	ppb
Copper	63-2	2615.23	2570.49	2536.23	2573.98	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	13294.59	12667.92	12766.12	12909.54	2.61	ppb
Iron	56-2	13536.61	13335.73	12980.54	13284.29	2.12	ppb
Iron	57-2	13131.88	12686.89	12763.07	12860.61	1.85	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:09:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1238.99	1252.20	1220.76	1237.32	1.28	ppb
Lead	207-1	1261.19	1213.88	1196.37	1223.81	2.74	ppb
Lead	208-1	1246.58	1223.22	1207.71	1225.83	1.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	26119.54	25507.21	25969.09	25865.28	1.23	ppb
Manganese	55-2	2522.25	2438.12	2401.25	2453.88	2.53	ppb
Molybdenum	94-1	2432.75	2425.63	2463.86	2440.75	0.83	ppb
Molybdenum	95-1	2483.85	2457.34	2484.43	2475.21	0.63	ppb
Molybdenum	96-1	2455.60	2425.83	2476.89	2452.77	1.05	ppb
Molybdenum	97-1	2430.11	2503.44	2418.50	2450.68	1.88	ppb
Molybdenum	98-1	2436.94	2442.46	2481.51	2453.64	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.32	251.92	249.93	251.39	0.51	ppb
Phosphorus	31-2	4893.41	4712.40	4963.24	4856.35	2.67	ppb
Potassium	39-2	12500.65	12230.37	12146.71	12292.58	1.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	262.03	258.17	258.05	259.42	0.87	ppb
Selenium	77-2	276.45	274.23	251.41	267.36	5.19	ppb
Selenium	78-2	255.85	253.74	260.28	256.62	1.30	ppb
Silicon	28-1	265.01	263.02	260.62	262.88	0.84	ppb
Silver	107-1	266.05	259.42	260.41	261.96	1.37	ppb
Silver	109-1	269.17	258.08	255.47	260.90	2.79	ppb
Sodium	23-2	25892.75	24908.88	24865.33	25222.32	2.30	ppb
Strontium	86-1	6174.31	6049.04	6190.36	6137.90	1.26	ppb
Strontium	88-1	6101.52	6159.13	6153.47	6138.04	0.52	ppb
Sulfur	34-1	6320.80	6054.19	6395.98	6256.99	2.87	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	242.25	241.43	229.61	237.76	2.98	ppb
Thallium	205-1	250.85	254.33	238.72	247.97	3.30	ppb
Tin	118-1	256.37	255.43	253.37	255.06	0.60	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:09:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2551.66	2505.35	2614.55	2557.19	2.14	ppb
Uranium	238-1	248.95	244.05	235.12	242.71	2.89	ppb
Vanadium	51-2	247.68	243.33	243.57	244.86	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	2580.23	2506.71	2530.79	2539.25	1.48	ppb
Zirconium	90-1	244.02	244.70	248.57	245.76	1.00	ppb
Zirconium	91-1	238.79	241.30	243.65	241.24	1.01	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:13:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10442.08	10303.64	10305.35	10350.36	0.77	ppb
Antimony	121-1	504.74	490.44	500.44	498.54	1.47	ppb
Arsenic	75-2	506.54	499.89	500.28	502.24	0.74	ppb
Barium	135-1	2539.28	2471.29	2468.08	2492.88	1.61	ppb
Barium	137-1	2552.67	2419.08	2484.39	2485.38	2.69	ppb
Beryllium	9-1	509.86	494.02	500.24	501.38	1.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	539.36	525.03	546.05	536.81	2.00	ppb
Boron	11-1	497.38	474.80	510.85	494.35	3.69	ppb
Bromine	81-1						cps
Cadmium	111-1	506.49	503.73	501.66	503.96	0.48	ppb
Cadmium	106-1	500.71	500.38	512.16	504.42	1.33	ppb
Cadmium	108-1	527.52	515.34	505.11	515.99	2.17	ppb
Calcium	43-1	60938.74	58763.78	60718.48	60140.33	1.99	ppb
Calcium	44-1	55032.99	55010.09	53995.21	54679.43	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.43	487.63	486.93	488.66	0.50	ppb
Cobalt	59-2	510.75	495.51	499.11	501.79	1.59	ppb
Copper	63-2	5134.35	5101.42	4988.81	5074.86	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	28012.40	27208.16	26861.76	27360.77	2.16	ppb
Iron	56-2	26373.27	26180.43	26037.59	26197.10	0.64	ppb
Iron	57-2	25969.05	26030.42	25459.59	25819.69	1.21	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:13:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2497.86	2530.87	2521.26	2516.66	0.67	ppb
Lead	207-1	2406.59	2492.82	2515.49	2471.63	2.32	ppb
Lead	208-1	2468.01	2493.63	2489.95	2483.86	0.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	51754.15	51660.87	52046.46	51820.49	0.39	ppb
Manganese	55-2	5053.56	5017.89	4934.49	5001.98	1.22	ppb
Molybdenum	94-1	4897.53	4839.33	4837.14	4858.00	0.71	ppb
Molybdenum	95-1	4943.76	4981.69	4927.86	4951.10	0.56	ppb
Molybdenum	96-1	4896.09	5041.17	4943.35	4960.20	1.49	ppb
Molybdenum	97-1	4893.14	4833.16	5010.43	4912.25	1.84	ppb
Molybdenum	98-1	4899.49	4839.88	5032.07	4923.81	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.11	505.22	503.30	506.54	0.80	ppb
Phosphorus	31-2	10073.69	10144.33	9761.55	9993.19	2.04	ppb
Potassium	39-2	25045.59	24716.54	24537.10	24766.41	1.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	500.66	503.09	512.93	505.56	1.28	ppb
Selenium	77-2	484.59	551.53	516.05	517.39	6.47	ppb
Selenium	78-2	510.46	510.28	509.66	510.13	0.08	ppb
Silicon	28-1	498.31	511.05	509.45	506.27	1.37	ppb
Silver	107-1	512.72	501.39	500.54	504.88	1.35	ppb
Silver	109-1	521.00	502.66	523.82	515.83	2.23	ppb
Sodium	23-2	51468.67	50881.22	50543.06	50964.32	0.92	ppb
Strontium	86-1	11979.61	12225.28	12435.08	12213.32	1.87	ppb
Strontium	88-1	12321.41	12412.53	12088.02	12273.98	1.36	ppb
Sulfur	34-1	11765.44	12149.48	12191.65	12035.53	1.95	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	497.14	503.23	507.35	502.57	1.02	ppb
Thallium	205-1	483.80	505.10	502.31	497.07	2.33	ppb
Tin	118-1	515.42	495.66	500.57	503.88	2.04	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:13:05	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4924.40	5036.67	4964.19	4975.09	1.14	ppb
Uranium	238-1	484.32	502.73	494.80	493.95	1.87	ppb
Vanadium	51-2	504.60	497.07	495.79	499.15	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	5128.12	5030.91	4935.44	5031.49	1.91	ppb
Zirconium	90-1	486.88	486.89	488.39	487.39	0.18	ppb
Zirconium	91-1	477.31	483.94	487.91	483.05	1.11	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:16:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21809.05	21272.82	20844.10	21308.66	2.27	ppb
Antimony	121-1	1042.52	1020.00	936.66	999.73	5.58	ppb
Arsenic	75-2	1015.67	996.64	982.49	998.27	1.67	ppb
Barium	135-1	5273.88	5059.87	4660.36	4998.04	6.23	ppb
Barium	137-1	5159.35	5113.66	4742.71	5005.24	4.57	ppb
Beryllium	9-1	1021.37	980.75	985.65	995.93	2.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	955.54	983.19	986.45	975.06	1.74	ppb
Boron	11-1	984.99	1002.57	1017.75	1001.77	1.64	ppb
Bromine	81-1						cps
Cadmium	111-1	1011.86	1015.83	955.85	994.51	3.37	ppb
Cadmium	106-1	1018.84	995.12	968.27	994.08	2.55	ppb
Cadmium	108-1	999.92	1016.43	947.11	987.82	3.67	ppb
Calcium	43-1	118116.53	120423.62	120111.48	119550.54	1.05	ppb
Calcium	44-1	110074.88	111388.76	111909.60	111124.41	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1031.43	998.79	993.73	1007.98	2.03	ppb
Cobalt	59-2	1024.67	996.52	984.73	1001.97	2.05	ppb
Copper	63-2	9878.56	10056.92	9868.78	9934.75	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	54569.14	53816.74	53414.09	53933.32	1.09	ppb
Iron	56-2	54571.64	51981.25	53196.26	53249.72	2.43	ppb
Iron	57-2	54895.25	53041.12	53677.44	53871.27	1.75	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:16:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5046.02	4893.42	5051.44	4996.96	1.80	ppb
Lead	207-1	5051.80	5004.94	5011.04	5022.59	0.51	ppb
Lead	208-1	5031.60	5013.93	5002.46	5015.99	0.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	105791.98	103251.28	99984.48	103009.25	2.83	ppb
Manganese	55-2	10215.25	9933.99	9892.84	10014.02	1.75	ppb
Molybdenum	94-1	10201.78	10181.21	9877.07	10086.69	1.80	ppb
Molybdenum	95-1	10101.05	9982.63	10006.37	10030.01	0.62	ppb
Molybdenum	96-1	10299.01	9859.30	9931.06	10029.79	2.35	ppb
Molybdenum	97-1	10075.70	9974.08	10121.05	10056.94	0.75	ppb
Molybdenum	98-1	10105.16	9915.43	10135.08	10051.89	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1007.99	998.40	980.44	995.61	1.40	ppb
Phosphorus	31-2	20466.61	20335.91	19337.06	20046.53	3.08	ppb
Potassium	39-2	50037.22	48931.94	49318.27	49429.14	1.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	1005.33	998.28	978.06	993.89	1.42	ppb
Selenium	77-2	1008.17	1022.56	929.47	986.74	5.08	ppb
Selenium	78-2	1021.34	983.95	970.94	992.08	2.64	ppb
Silicon	28-1	984.74	998.31	995.33	992.79	0.72	ppb
Silver	107-1	1018.56	1006.41	956.23	993.73	3.32	ppb
Silver	109-1	999.89	1011.15	954.54	988.53	3.03	ppb
Sodium	23-2	105496.25	102356.10	100870.16	102907.50	2.30	ppb
Strontium	86-1	25637.90	25115.66	24728.70	25160.75	1.81	ppb
Strontium	88-1	25861.84	24838.55	24708.26	25136.21	2.51	ppb
Sulfur	34-1	17850.93	19383.42	18493.91	18576.09	4.14	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	1044.54	993.82	970.73	1003.03	3.76	ppb
Thallium	205-1	1031.16	986.87	988.96	1002.33	2.49	ppb
Tin	118-1	1055.46	995.00	939.26	996.57	5.83	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:16:11	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9889.83	9971.92	10122.69	9994.81	1.18	ppb
Uranium	238-1	1008.48	1009.76	997.56	1005.27	0.67	ppb
Vanadium	51-2	1018.73	988.98	997.70	1001.80	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	10175.28	9965.57	9755.45	9965.43	2.11	ppb
Zirconium	90-1	1014.59	1021.33	986.08	1007.33	1.86	ppb
Zirconium	91-1	1004.03	1007.44	1021.70	1011.06	0.93	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:19:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101758.66	100386.23	96932.35	99692.41	2.49	ppb
Antimony	121-1	0.62	0.76	0.94	0.77	20.90	ppb
Arsenic	75-2	0.34	0.28	0.35	0.33	11.89	ppb
Barium	135-1	3.35	3.34	3.14	3.28	3.66	ppb
Barium	137-1	3.25	3.52	3.18	3.32	5.36	ppb
Beryllium	9-1	0.27	0.24	0.26	0.26	4.79	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	65.49	59.45	57.35	60.76	6.96	ppb
Boron	11-1	66.94	59.76	57.09	61.26	8.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.20	0.60	0.27	0.36	59.42	ppb
Cadmium	106-1	-1.78	3.16	-1.07	0.10	2617.40	ppb
Cadmium	108-1	0.24	0.42	0.59	0.42	41.23	ppb
Calcium	43-1	486602.31	509233.10	488516.27	494783.89	2.54	ppb
Calcium	44-1	489980.00	510241.18	491077.54	497099.57	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.13	9.09	8.81	9.01	1.88	ppb
Cobalt	59-2	0.90	0.90	0.87	0.89	2.11	ppb
Copper	63-2	3.48	3.64	3.19	3.43	6.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	248731.35	254198.89	243907.88	248946.04	2.07	ppb
Iron	56-2	249904.80	249238.22	248399.40	249180.81	0.30	ppb
Iron	57-2	255899.18	246582.65	244869.39	249117.07	2.38	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:19:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.43	1.54	1.37	1.45	5.94	ppb
Lead	207-1	1.43	1.40	1.37	1.40	1.81	ppb
Lead	208-1	1.42	1.48	1.41	1.43	2.45	ppb
Lithium	6-1				91		%
Magnesium	24-2	507156.02	499972.92	490307.51	499145.48	1.69	ppb
Manganese	55-2	10.37	10.78	10.42	10.53	2.13	ppb
Molybdenum	94-1	3.27	3.45	3.31	3.34	2.88	ppb
Molybdenum	95-1	2.90	3.41	3.23	3.18	8.18	ppb
Molybdenum	96-1	7.60	7.74	7.20	7.51	3.75	ppb
Molybdenum	97-1	3.23	3.24	3.17	3.21	1.09	ppb
Molybdenum	98-1	3.06	3.10	2.94	3.03	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.50	3.31	3.10	3.30	6.17	ppb
Phosphorus	31-2	2.36	-0.39	14.66	5.54	144.49	ppb
Potassium	39-2	252372.40	251074.97	247003.50	250150.29	1.12	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	1.27	1.42	1.61	1.43	11.88	ppb
Selenium	77-2	0.86	1.70	0.00	0.85	99.70	ppb
Selenium	78-2	1.77	0.81	1.81	1.46	38.54	ppb
Silicon	28-1	3.40	4.10	3.50	3.67	10.41	ppb
Silver	107-1	0.45	0.44	0.47	0.45	2.56	ppb
Silver	109-1	0.45	0.48	0.48	0.47	3.37	ppb
Sodium	23-2	499333.70	506551.23	492006.76	499297.23	1.46	ppb
Strontium	86-1	7.29	7.66	7.40	7.45	2.55	ppb
Strontium	88-1	7.30	7.83	7.64	7.59	3.53	ppb
Sulfur	34-1	-1414.33	-919.80	-1273.21	-1202.44		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.29	0.34	0.29	0.31	8.38	ppb
Thallium	205-1	0.30	0.33	0.29	0.31	6.08	ppb
Tin	118-1	1.14	1.12	1.25	1.17	5.85	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:19:20	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.95	2.11	2.37	2.14	10.04	ppb
Uranium	238-1	0.08	0.10	0.10	0.09	11.73	ppb
Vanadium	51-2	0.28	0.36	0.31	0.32	13.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	10.92	11.57	10.94	11.14	3.29	ppb
Zirconium	90-1	0.25	0.26	0.25	0.26	3.11	ppb
Zirconium	91-1	0.23	0.28	0.28	0.26	10.60	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:34:53	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	515.92	521.60	514.20	517.24	0.75	ppb
Antimony	121-1	217.72	209.52	208.38	211.87	2.40	ppb
Arsenic	75-2	215.83	216.47	209.20	213.83	1.88	ppb
Barium	135-1	105.60	99.11	99.88	101.53	3.49	ppb
Barium	137-1	107.61	100.93	102.81	103.78	3.32	ppb
Beryllium	9-1	109.97	105.42	104.50	106.63	2.75	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	8.56	8.23	8.23	8.34	2.30	ppb
Boron	11-1	8.65	8.34	8.33	8.44	2.17	ppb
Bromine	81-1						cps
Cadmium	111-1	111.44	108.87	107.04	109.11	2.03	ppb
Cadmium	106-1	91.63	91.72	88.16	90.51	2.24	ppb
Cadmium	108-1	95.83	91.95	90.83	92.87	2.83	ppb
Calcium	43-1	2177.56	2038.38	2061.84	2092.60	3.56	ppb
Calcium	44-1	2211.31	2067.63	2091.28	2123.40	3.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.46	101.11	102.71	102.09	0.84	ppb
Cobalt	59-2	100.81	101.47	101.72	101.33	0.47	ppb
Copper	63-2	101.23	101.34	101.18	101.25	0.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	54-2	2109.50	2058.38	2114.75	2094.21	1.49	ppb
Iron	56-2	2102.94	2150.78	2110.90	2121.54	1.21	ppb
Iron	57-2	2089.94	2058.63	2025.68	2058.08	1.56	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:34:53	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	194.91	191.21	199.11	195.08	2.02	ppb
Lead	207-1	183.80	177.76	186.94	182.83	2.55	ppb
Lead	208-1	199.56	190.67	197.31	195.85	2.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	1185.98	1210.19	1159.45	1185.20	2.14	ppb
Manganese	55-2	100.25	98.13	99.48	99.29	1.08	ppb
Molybdenum	94-1	0.10	0.17	0.10	0.12	29.19	ppb
Molybdenum	95-1	0.07	0.09	0.08	0.08	12.89	ppb
Molybdenum	96-1	0.14	0.12	0.08	0.11	30.02	ppb
Molybdenum	97-1	0.10	0.09	0.07	0.09	16.24	ppb
Molybdenum	98-1	0.09	0.08	0.05	0.07	22.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.80	108.67	110.84	109.77	0.99	ppb
Phosphorus	31-2	-15.21	-0.96	2.43	-4.58		ppb
Potassium	39-2	1925.94	1925.49	1941.43	1930.95	0.47	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	225.42	214.59	211.81	217.27	3.31	ppb
Selenium	77-2	213.75	227.34	233.03	224.71	4.41	ppb
Selenium	78-2	221.33	228.35	214.85	221.51	3.05	ppb
Silicon	28-1	0.25	-0.28	-0.09	-0.04		ppb
Silver	107-1	53.32	52.60	51.99	52.64	1.27	ppb
Silver	109-1	55.69	53.64	51.63	53.65	3.79	ppb
Sodium	23-2	2010.97	2042.25	2027.30	2026.84	0.77	ppb
Strontium	86-1	0.37	0.36	0.25	0.32	19.78	ppb
Strontium	88-1	0.29	0.26	0.27	0.27	5.15	ppb
Sulfur	34-1	-222.17	-815.26	-624.73	-554.05		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	201.54	194.07	201.80	199.13	2.20	ppb
Thallium	205-1	207.76	203.41	213.51	208.23	2.43	ppb
Tin	118-1	0.04	0.03	0.06	0.04	37.81	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:34:53	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.09	0.04	0.06	47.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	358.99	ppb
Vanadium	51-2	100.04	98.70	101.92	100.22	1.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	204.44	202.64	210.66	205.91	2.04	ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	85.91	ppb
Zirconium	91-1	0.07	0.07	0.07	0.07	4.75	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:45:01	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.72	23.04	21.09	21.62	5.78	ppb
Antimony	121-1	2.10	2.01	2.03	2.05	2.31	ppb
Arsenic	75-2	1.11	1.21	1.12	1.15	4.49	ppb
Barium	135-1	9.56	9.78	9.26	9.53	2.74	ppb
Barium	137-1	9.78	10.28	9.25	9.77	5.28	ppb
Beryllium	9-1	1.10	1.10	1.10	1.10	0.18	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	12.82	12.68	12.80	12.77	0.60	ppb
Boron	11-1	12.79	12.74	13.17	12.90	1.84	ppb
Bromine	81-1						cps
Cadmium	111-1	1.01	1.00	0.92	0.98	5.42	ppb
Cadmium	106-1	-0.11	0.68	-0.14	0.14	322.81	ppb
Cadmium	108-1	0.96	1.49	0.87	1.11	30.26	ppb
Calcium	43-1	497.17	498.03	484.63	493.28	1.52	ppb
Calcium	44-1	497.23	508.06	490.33	498.54	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	2.09	2.05	2.03	3.56	ppb
Cobalt	59-2	1.02	1.02	1.02	1.02	0.16	ppb
Copper	63-2	2.04	2.36	2.23	2.21	7.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	53.16	56.43	53.52	54.37	3.30	ppb
Iron	56-2	50.62	55.58	53.21	53.14	4.67	ppb
Iron	57-2	53.41	54.42	53.85	53.89	0.94	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:45:01	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.90	0.96	0.91	4.36	ppb
Lead	207-1	0.85	0.94	0.94	0.91	5.42	ppb
Lead	208-1	0.86	0.91	0.94	0.90	4.21	ppb
Lithium	6-1				102		%
Magnesium	24-2	497.23	554.72	516.74	522.89	5.59	ppb
Manganese	55-2	1.03	1.13	1.03	1.06	5.55	ppb
Molybdenum	94-1	5.77	5.84	5.76	5.79	0.75	ppb
Molybdenum	95-1	5.11	4.77	4.71	4.86	4.44	ppb
Molybdenum	96-1	5.11	4.85	4.79	4.92	3.51	ppb
Molybdenum	97-1	5.10	5.06	4.93	5.03	1.73	ppb
Molybdenum	98-1	5.03	5.01	5.02	5.02	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.09	1.15	1.11	2.99	ppb
Phosphorus	31-2	11.17	42.27	43.79	32.41	56.81	ppb
Potassium	39-2	476.40	547.15	495.56	506.37	7.23	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	5.43	5.31	5.18	5.31	2.40	ppb
Selenium	77-2	5.71	4.39	6.67	5.59	20.41	ppb
Selenium	78-2	7.06	8.26	5.29	6.87	21.70	ppb
Silicon	28-1	-0.24	-0.09	0.00	-0.11		ppb
Silver	107-1	1.02	1.07	1.05	1.05	2.18	ppb
Silver	109-1	1.05	1.10	1.09	1.08	2.36	ppb
Sodium	23-2	497.71	556.82	519.68	524.74	5.69	ppb
Strontium	86-1	1.09	1.06	0.99	1.05	4.62	ppb
Strontium	88-1	0.96	1.01	0.95	0.97	3.18	ppb
Sulfur	34-1	-801.12	-652.12	-880.60	-777.94		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.89	0.86	0.95	0.90	4.80	ppb
Thallium	205-1	0.95	0.92	0.98	0.95	2.93	ppb
Tin	118-1	4.85	5.15	5.02	5.00	3.01	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:45:01	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.92	4.58	4.77	4.76	3.55	ppb
Uranium	238-1	0.87	0.89	0.90	0.89	1.83	ppb
Vanadium	51-2	4.86	5.36	5.00	5.07	5.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	2.24	2.38	2.44	2.36	4.47	ppb
Zirconium	90-1	0.93	0.92	0.88	0.91	2.73	ppb
Zirconium	91-1	0.95	0.95	0.90	0.93	3.10	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:48:10	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.02	0.24	0.08	179.51	ppb
Antimony	121-1	0.03	0.02	0.03	0.03	32.11	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	148.81	ppb
Barium	135-1	0.05	-0.01	-0.01	0.01	375.12	ppb
Barium	137-1	0.06	-0.01	0.00	0.01	271.24	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	38.54	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	4.72	4.83	4.72	4.76	1.38	ppb
Boron	11-1	4.80	4.91	4.72	4.81	2.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.06	0.20	0.13	53.47	ppb
Cadmium	106-1	1.16	0.67	2.27	1.37	60.04	ppb
Cadmium	108-1	-0.08	-0.14	-0.07	-0.10		ppb
Calcium	43-1	4.92	-0.65	0.54	1.60	182.71	ppb
Calcium	44-1	5.78	-0.90	-1.47	1.14	354.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.02	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.04	0.01	0.03	72.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	-0.76	-1.91	0.45	-0.74		ppb
Iron	56-2	0.11	0.24	0.17	0.17	38.10	ppb
Iron	57-2	-1.38	1.31	1.00	0.31	478.17	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:48:10	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.01	0.01	0.04	111.31	ppb
Lead	207-1	0.06	0.03	0.04	0.04	33.50	ppb
Lead	208-1	0.08	0.03	0.02	0.04	69.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	-2.61	-1.45	-2.25	-2.10		ppb
Manganese	55-2	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	94-1	0.15	0.02	0.00	0.06	141.30	ppb
Molybdenum	95-1	0.14	0.02	0.03	0.06	113.12	ppb
Molybdenum	96-1	0.20	0.02	0.01	0.08	137.21	ppb
Molybdenum	97-1	0.12	0.03	0.02	0.05	104.52	ppb
Molybdenum	98-1	0.14	0.03	0.00	0.06	128.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.04	-0.01		ppb
Phosphorus	31-2	4.51	-9.84	0.03	-1.77		ppb
Potassium	39-2	-4.13	3.39	0.83	0.03	12228.89	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	-0.27	-0.50	-0.27	-0.35		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.24	0.77	1.26	0.76	67.02	ppb
Silicon	28-1	-0.31	-0.58	-0.37	-0.42		ppb
Silver	107-1	0.02	0.01	0.01	0.01	28.51	ppb
Silver	109-1	0.02	0.01	0.01	0.01	52.75	ppb
Sodium	23-2	6.17	7.00	9.66	7.61	23.92	ppb
Strontium	86-1	0.26	-0.03	0.01	0.08	193.35	ppb
Strontium	88-1	0.30	0.00	0.00	0.10	167.47	ppb
Sulfur	34-1	-522.61	-632.73	-679.96	-611.77		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.01	0.02	42.38	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	50.25	ppb
Tin	118-1	0.02	-0.01	0.02	0.01	239.85	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:48:10	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.08	0.00	0.09	103.94	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	375.51	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	0.02	-0.02	0.06	0.02	214.16	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	90.77	ppb
Zirconium	91-1	0.04	0.00	0.01	0.02	111.15	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:51:22	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98309.81	98707.66	96158.85	97725.44	1.40	ppb
Antimony	121-1	1.20	1.23	1.17	1.20	2.53	ppb
Arsenic	75-2	0.26	0.29	0.25	0.27	7.48	ppb
Barium	135-1	1.51	1.43	1.46	1.47	3.03	ppb
Barium	137-1	1.40	1.63	1.54	1.52	7.58	ppb
Beryllium	9-1	0.30	0.29	0.28	0.29	3.71	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	4.54	4.31	4.49	4.45	2.70	ppb
Boron	11-1	4.38	4.23	4.43	4.35	2.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.36	0.21	0.16	0.24	40.51	ppb
Cadmium	106-1	-0.55	-2.23	-2.26	-1.68		ppb
Cadmium	108-1	12.58	10.92	12.00	11.83	7.12	ppb
Calcium	43-1	107610.04	103485.40	106862.94	105986.13	2.07	ppb
Calcium	44-1	106267.27	102941.08	106601.49	105269.95	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.55	19.32	19.34	19.40	0.65	ppb
Cobalt	59-2	0.99	1.08	1.12	1.06	6.30	ppb
Copper	63-2	7.80	7.62	7.63	7.69	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	101777.61	100428.51	99809.79	100671.97	1.00	ppb
Iron	56-2	104056.08	101546.64	97633.94	101078.89	3.20	ppb
Iron	57-2	105883.78	103513.94	103593.03	104330.25	1.29	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:51:22	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.93	4.95	5.10	5.00	1.86	ppb
Lead	207-1	4.53	4.32	4.42	4.42	2.40	ppb
Lead	208-1	4.61	4.55	4.77	4.64	2.47	ppb
Lithium	6-1				100		%
Magnesium	24-2	97739.41	93612.23	93987.76	95113.13	2.40	ppb
Manganese	55-2	7.37	7.56	7.34	7.42	1.60	ppb
Molybdenum	94-1	1547.86	1530.46	1621.13	1566.49	3.07	ppb
Molybdenum	95-1	1889.78	1854.23	2009.67	1917.89	4.25	ppb
Molybdenum	96-1	1845.73	1873.34	2007.10	1908.72	4.52	ppb
Molybdenum	97-1	1900.37	1918.94	1993.86	1937.73	2.55	ppb
Molybdenum	98-1	1886.20	1869.34	1996.39	1917.31	3.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.55	5.03	5.50	5.36	5.34	ppb
Phosphorus	31-2	99466.94	98596.04	96627.25	98230.08	1.48	ppb
Potassium	39-2	97364.01	94471.65	96248.02	96027.89	1.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-0.05	0.59	0.30	0.28	115.32	ppb
Selenium	77-2	0.00	0.84	0.00	0.28	173.21	ppb
Selenium	78-2	-0.57	0.25	0.01	-0.11		ppb
Silicon	28-1	1.64	1.36	1.98	1.66	18.86	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.82	ppb
Silver	109-1	0.02	0.03	0.03	0.03	19.13	ppb
Sodium	23-2	100184.06	98561.56	98155.70	98967.10	1.08	ppb
Strontium	86-1	33.67	33.48	35.58	34.24	3.39	ppb
Strontium	88-1	33.20	33.82	35.01	34.01	2.70	ppb
Sulfur	34-1	97952.84	96934.59	99148.10	98011.84	1.13	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.11	0.09	0.09	27.54	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	3.48	ppb
Tin	118-1	0.12	0.15	0.17	0.14	18.97	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:51:22	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2081.67	2095.21	2115.73	2097.53	0.82	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	12.63	ppb
Vanadium	51-2	0.16	0.18	0.16	0.17	8.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	11.15	10.79	11.13	11.02	1.80	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	39.56	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	26.03	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:55:17	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98871.74	96651.94	94239.98	96587.89	2.40	ppb
Antimony	121-1	22.10	21.50	21.84	21.82	1.39	ppb
Arsenic	75-2	20.71	20.30	19.76	20.26	2.38	ppb
Barium	135-1	21.60	20.91	21.75	21.42	2.09	ppb
Barium	137-1	22.15	21.34	22.51	22.00	2.71	ppb
Beryllium	9-1	21.88	19.99	19.39	20.42	6.36	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	3.81	3.48	3.47	3.59	5.39	ppb
Boron	11-1	3.82	3.54	3.46	3.61	5.24	ppb
Bromine	81-1						cps
Cadmium	111-1	20.26	20.26	20.21	20.24	0.16	ppb
Cadmium	106-1	14.39	17.44	14.79	15.54	10.67	ppb
Cadmium	108-1	29.84	29.18	28.58	29.20	2.16	ppb
Calcium	43-1	106406.84	104192.05	101085.45	103894.78	2.57	ppb
Calcium	44-1	106045.47	107894.81	100930.97	104957.09	3.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.47	38.48	38.49	38.81	1.47	ppb
Cobalt	59-2	20.82	20.83	19.79	20.48	2.92	ppb
Copper	63-2	26.99	26.52	26.52	26.68	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	99240.80	100661.04	96174.14	98692.00	2.32	ppb
Iron	56-2	100030.78	99684.83	97138.83	98951.48	1.60	ppb
Iron	57-2	102686.85	104000.76	100659.53	102449.05	1.64	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:55:17	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26.62	26.13	25.18	25.98	2.82	ppb
Lead	207-1	24.64	24.49	23.96	24.37	1.46	ppb
Lead	208-1	25.47	24.93	24.23	24.88	2.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	96312.46	93127.76	93321.99	94254.07	1.89	ppb
Manganese	55-2	26.12	26.17	25.59	25.96	1.23	ppb
Molybdenum	94-1	1588.36	1544.71	1575.40	1569.49	1.43	ppb
Molybdenum	95-1	2005.03	1899.59	1902.80	1935.81	3.10	ppb
Molybdenum	96-1	1888.23	1906.87	1867.26	1887.45	1.05	ppb
Molybdenum	97-1	1960.75	1885.37	1888.09	1911.40	2.24	ppb
Molybdenum	98-1	1951.61	1884.01	1873.04	1902.89	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.13	25.18	25.07	25.13	0.22	ppb
Phosphorus	31-2	98907.13	95907.35	93582.31	96132.26	2.78	ppb
Potassium	39-2	97122.08	95416.54	93338.69	95292.43	1.99	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	19.94	19.74	19.83	19.84	0.50	ppb
Selenium	77-2	19.18	25.09	18.20	20.83	17.90	ppb
Selenium	78-2	21.42	20.83	20.06	20.77	3.29	ppb
Silicon	28-1	1.59	1.64	1.21	1.48	15.68	ppb
Silver	107-1	20.09	18.87	19.21	19.39	3.25	ppb
Silver	109-1	19.84	19.50	19.54	19.63	0.95	ppb
Sodium	23-2	101106.83	98489.70	96978.01	98858.18	2.11	ppb
Strontium	86-1	34.01	32.50	33.11	33.21	2.29	ppb
Strontium	88-1	34.99	33.53	33.32	33.95	2.68	ppb
Sulfur	34-1	97189.47	98291.14	90111.14	95197.25	4.66	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	21.43	21.09	20.19	20.90	3.06	ppb
Thallium	205-1	21.82	21.62	20.56	21.33	3.19	ppb
Tin	118-1	0.16	0.14	0.19	0.17	15.80	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:55:17	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2111.96	2044.39	2025.28	2060.54	2.21	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	30.89	ppb
Vanadium	51-2	19.85	20.26	19.56	19.89	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	29.71	28.74	29.42	29.29	1.70	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	89.92	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	8.70	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:58:17	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52284.33	51308.39	50787.86	51460.19	1.48	ppb
Antimony	121-1	530.63	506.93	496.38	511.31	3.43	ppb
Arsenic	75-2	515.79	494.45	494.01	501.42	2.48	ppb
Barium	135-1	2754.95	2630.15	2539.91	2641.67	4.09	ppb
Barium	137-1	2654.16	2599.38	2503.27	2585.60	2.95	ppb
Beryllium	9-1	491.48	486.04	496.43	491.32	1.06	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	516.94	520.79	543.22	526.98	2.69	ppb
Boron	11-1	493.72	483.22	490.80	489.25	1.11	ppb
Bromine	81-1						cps
Cadmium	111-1	493.19	482.84	478.52	484.85	1.56	ppb
Cadmium	106-1	516.31	492.80	504.76	504.62	2.33	ppb
Cadmium	108-1	513.42	484.54	483.56	493.84	3.43	ppb
Calcium	43-1	263909.75	249920.44	254856.51	256228.90	2.77	ppb
Calcium	44-1	263941.77	246399.30	247735.30	252692.12	3.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.62	485.73	487.03	488.79	0.87	ppb
Cobalt	59-2	519.09	510.94	501.27	510.43	1.75	ppb
Copper	63-2	5159.78	5030.39	5106.94	5099.04	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	129753.08	127027.56	127697.37	128159.34	1.11	ppb
Iron	56-2	130442.37	126554.03	125345.29	127447.23	2.09	ppb
Iron	57-2	132530.89	132733.68	128937.69	131400.75	1.63	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:58:17	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2700.10	2630.57	2654.66	2661.78	1.33	ppb
Lead	207-1	2703.13	2619.54	2667.84	2663.50	1.58	ppb
Lead	208-1	2700.21	2603.75	2657.76	2653.91	1.82	ppb
Lithium	6-1				97		%
Magnesium	24-2	252983.80	251721.26	251058.46	251921.17	0.39	ppb
Manganese	55-2	5047.53	5016.53	4909.20	4991.09	1.45	ppb
Molybdenum	94-1	5206.91	5133.68	4988.82	5109.80	2.17	ppb
Molybdenum	95-1	5108.49	5071.26	5077.03	5085.59	0.39	ppb
Molybdenum	96-1	5179.46	4970.58	5199.21	5116.42	2.48	ppb
Molybdenum	97-1	5237.29	4842.13	5110.08	5063.17	3.98	ppb
Molybdenum	98-1	5157.35	4910.55	5072.31	5046.74	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.28	500.26	502.48	503.01	0.61	ppb
Phosphorus	31-2	10084.74	9816.49	9909.74	9936.99	1.37	ppb
Potassium	39-2	124926.40	123791.95	122978.64	123899.00	0.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	506.41	494.24	504.26	501.63	1.29	ppb
Selenium	77-2	493.51	486.58	476.72	485.60	1.74	ppb
Selenium	78-2	531.76	491.53	501.30	508.20	4.13	ppb
Silicon	28-1	532.71	509.19	510.73	517.54	2.54	ppb
Silver	107-1	519.54	479.22	479.41	492.72	4.71	ppb
Silver	109-1	510.10	492.74	494.39	499.07	1.92	ppb
Sodium	23-2	246508.89	252340.68	247991.20	248946.92	1.22	ppb
Strontium	86-1	12701.64	12393.08	12623.23	12572.65	1.28	ppb
Strontium	88-1	12577.12	12445.34	12509.28	12510.58	0.53	ppb
Sulfur	34-1	12538.37	11193.84	11280.43	11670.88	6.45	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	527.90	528.85	530.76	529.17	0.27	ppb
Thallium	205-1	540.87	534.64	532.96	536.16	0.78	ppb
Tin	118-1	537.18	513.39	508.95	519.84	2.92	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:58:17	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5279.36	5061.87	4961.97	5101.07	3.18	ppb
Uranium	238-1	543.62	546.22	540.15	543.33	0.56	ppb
Vanadium	51-2	507.92	499.50	500.60	502.67	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	4878.97	4770.04	4807.74	4818.92	1.15	ppb
Zirconium	90-1	524.41	508.38	510.32	514.37	1.70	ppb
Zirconium	91-1	513.44	502.15	510.32	508.64	1.15	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:06:09	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	0.57	0.58	0.70	30.62	ppb
Antimony	121-1	0.06	0.09	0.10	0.08	28.57	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	-0.01	0.00	215.59	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	1417.85	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	28.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	7.35	7.75	7.51	7.54	2.64	ppb
Boron	11-1	7.90	7.75	7.71	7.79	1.27	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.03	0.00	-0.03		ppb
Cadmium	106-1	-1.07	-0.71	-0.28	-0.69		ppb
Cadmium	108-1	-0.15	-0.14	-0.05	-0.11		ppb
Calcium	43-1	2.67	2.91	1.33	2.30	37.13	ppb
Calcium	44-1	2.37	2.19	1.59	2.05	19.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.03	0.02	89.71	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.20	0.15	0.20	0.18	17.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	-0.14	-0.30	0.94	0.17	408.79	ppb
Iron	56-2	1.44	1.39	1.46	1.43	2.48	ppb
Iron	57-2	-0.64	1.61	0.89	0.62	185.35	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:06:09	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	3.70	ppb
Lead	207-1	0.08	0.09	0.06	0.07	21.38	ppb
Lead	208-1	0.08	0.06	0.06	0.07	16.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.14	-0.61	0.92	0.15	503.66	ppb
Manganese	55-2	0.02	0.02	0.07	0.04	83.54	ppb
Molybdenum	94-1	0.08	0.13	0.10	0.10	24.57	ppb
Molybdenum	95-1	0.17	0.11	0.13	0.13	23.15	ppb
Molybdenum	96-1	0.09	0.07	0.09	0.08	15.45	ppb
Molybdenum	97-1	0.10	0.11	0.09	0.10	10.13	ppb
Molybdenum	98-1	0.14	0.11	0.11	0.12	15.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.02	0.00	665.34	ppb
Phosphorus	31-2	-2.09	-24.47	0.44	-8.71		ppb
Potassium	39-2	9.44	0.60	7.26	5.77	79.91	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	-0.04	0.06	-0.13	-0.03		ppb
Selenium	77-2	0.00	0.00	0.83	0.28	173.21	ppb
Selenium	78-2	0.20	0.62	0.89	0.57	60.96	ppb
Silicon	28-1	-0.44	-0.52	-0.64	-0.54		ppb
Silver	107-1	0.03	0.03	0.02	0.03	20.40	ppb
Silver	109-1	0.02	0.04	0.06	0.04	47.26	ppb
Sodium	23-2	35.20	34.30	33.37	34.29	2.67	ppb
Strontium	86-1	0.11	0.15	0.09	0.12	27.49	ppb
Strontium	88-1	0.08	0.08	0.07	0.08	6.33	ppb
Sulfur	34-1	-919.50	-1011.54	-1102.00	-1011.01		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.07	0.07	0.06	13.02	ppb
Thallium	205-1	0.05	0.04	0.07	0.06	24.90	ppb
Tin	118-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:06:09	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.23	0.09	0.03	0.12	86.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.81	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				105		%
Yttrium	89-2				103		%
Zinc	66-2	-0.01	0.24	0.05	0.09	144.13	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	34303.18	ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:09:18	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.38	19.65	19.82	19.95	1.93	ppb
Antimony	121-1	2.11	2.06	1.85	2.00	6.77	ppb
Arsenic	75-2	1.14	0.91	0.91	0.99	13.47	ppb
Barium	135-1	9.93	9.56	9.19	9.56	3.90	ppb
Barium	137-1	10.12	9.52	9.22	9.62	4.79	ppb
Beryllium	9-1	1.13	1.09	1.08	1.10	2.18	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	13.67	13.95	13.57	13.73	1.43	ppb
Boron	11-1	13.83	14.13	13.82	13.93	1.26	ppb
Bromine	81-1						cps
Cadmium	111-1	1.28	1.02	1.05	1.12	12.99	ppb
Cadmium	106-1	2.73	0.89	0.86	1.50	71.69	ppb
Cadmium	108-1	1.06	1.09	1.18	1.11	5.55	ppb
Calcium	43-1	507.13	509.25	483.61	500.00	2.85	ppb
Calcium	44-1	526.33	511.34	500.31	512.66	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.86	1.93	1.79	1.86	3.77	ppb
Cobalt	59-2	0.97	0.96	0.94	0.96	1.19	ppb
Copper	63-2	2.25	2.08	2.03	2.12	5.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	50.17	47.11	48.82	48.70	3.14	ppb
Iron	56-2	50.47	48.58	50.84	49.97	2.42	ppb
Iron	57-2	56.10	54.16	48.68	52.98	7.26	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:09:18	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.94	0.83	0.91	8.34	ppb
Lead	207-1	0.96	0.98	0.90	0.95	4.09	ppb
Lead	208-1	0.96	0.93	0.88	0.92	4.09	ppb
Lithium	6-1				101		%
Magnesium	24-2	499.17	467.08	460.62	475.62	4.34	ppb
Manganese	55-2	1.02	0.89	0.89	0.93	7.72	ppb
Molybdenum	94-1	5.80	6.02	5.55	5.79	4.00	ppb
Molybdenum	95-1	5.39	5.20	4.99	5.19	3.84	ppb
Molybdenum	96-1	5.17	4.95	5.02	5.05	2.17	ppb
Molybdenum	97-1	5.29	5.04	4.86	5.07	4.28	ppb
Molybdenum	98-1	5.09	4.95	4.78	4.94	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.03	0.98	1.02	3.53	ppb
Phosphorus	31-2	17.46	34.95	9.50	20.64	63.09	ppb
Potassium	39-2	460.78	459.82	479.96	466.85	2.43	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	5.49	4.42	4.91	4.94	10.93	ppb
Selenium	77-2	6.65	7.36	6.57	6.86	6.34	ppb
Selenium	78-2	5.34	6.21	4.36	5.31	17.40	ppb
Silicon	28-1	0.41	0.24	0.33	0.33	25.20	ppb
Silver	107-1	1.13	0.99	1.03	1.05	6.80	ppb
Silver	109-1	1.13	1.14	1.04	1.10	5.00	ppb
Sodium	23-2	504.49	489.20	481.18	491.62	2.41	ppb
Strontium	86-1	0.97	1.09	1.11	1.05	7.13	ppb
Strontium	88-1	1.00	1.08	1.01	1.03	4.45	ppb
Sulfur	34-1	-731.19	-887.78	-729.11	-782.69		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	1.00	1.02	0.94	0.99	3.90	ppb
Thallium	205-1	0.99	1.03	0.97	0.99	3.03	ppb
Tin	118-1	5.34	5.15	4.76	5.08	5.86	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:09:18	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.97	4.93	5.37	5.09	4.74	ppb
Uranium	238-1	0.90	0.87	0.84	0.87	3.10	ppb
Vanadium	51-2	4.82	4.72	4.61	4.72	2.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	2.61	2.00	2.47	2.36	13.55	ppb
Zirconium	90-1	0.89	0.91	0.87	0.89	2.17	ppb
Zirconium	91-1	0.87	0.89	0.87	0.88	1.40	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:12:30	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	435.94	419.31	412.34	422.53	2.87	ppb
Antimony	121-1	0.12	0.19	0.12	0.15	25.51	ppb
Arsenic	75-2	1.44	1.23	1.34	1.34	7.79	ppb
Barium	135-1	186.77	184.13	171.64	180.85	4.47	ppb
Barium	137-1	189.85	185.28	177.38	184.17	3.43	ppb
Beryllium	9-1	0.18	0.17	0.16	0.17	7.02	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	15.37	15.41	15.12	15.30	1.02	ppb
Boron	11-1	15.68	15.48	15.21	15.45	1.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.26	0.05	-0.01	0.10	142.61	ppb
Cadmium	106-1	2.73	0.30	-0.48	0.85	197.34	ppb
Cadmium	108-1	0.02	-0.11	0.14	0.02	715.36	ppb
Calcium	43-1	20469.98	20961.47	20172.22	20534.56	1.94	ppb
Calcium	44-1	20344.07	20776.97	20269.33	20463.46	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.91	1.73	1.85	5.50	ppb
Cobalt	59-2	1.50	1.47	1.41	1.46	3.27	ppb
Copper	63-2	1.79	1.78	1.65	1.74	4.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	2442.46	2374.31	2343.81	2386.86	2.12	ppb
Iron	56-2	2504.00	2493.97	2407.84	2468.60	2.14	ppb
Iron	57-2	2437.26	2366.97	2348.00	2384.08	1.97	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:12:30	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.70	1.69	1.62	1.67	2.64	ppb
Lead	207-1	1.51	1.60	1.52	1.55	3.25	ppb
Lead	208-1	1.61	1.62	1.57	1.60	1.47	ppb
Lithium	6-1				103		%
Magnesium	24-2	5333.26	5167.78	5048.32	5183.12	2.76	ppb
Manganese	55-2	264.49	260.35	251.34	258.73	2.60	ppb
Molybdenum	94-1	1.13	1.12	1.07	1.11	3.30	ppb
Molybdenum	95-1	1.28	1.24	1.14	1.22	5.74	ppb
Molybdenum	96-1	1.19	1.15	1.15	1.16	2.23	ppb
Molybdenum	97-1	1.21	1.13	1.17	1.17	3.46	ppb
Molybdenum	98-1	1.17	1.15	1.18	1.16	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.24	2.18	2.16	4.48	ppb
Phosphorus	31-2	126.63	150.81	133.03	136.82	9.16	ppb
Potassium	39-2	7646.96	7508.09	7359.25	7504.77	1.92	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.33	-0.02	0.14	0.15	116.00	ppb
Selenium	77-2	1.69	0.82	2.46	1.66	49.70	ppb
Selenium	78-2	0.86	1.52	0.45	0.94	57.01	ppb
Silicon	28-1	652.49	665.83	627.44	648.59	3.01	ppb
Silver	107-1	0.01	0.00	0.01	0.01	39.38	ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.43	ppb
Sodium	23-2	5448.66	5241.12	5314.68	5334.82	1.97	ppb
Strontium	86-1	275.05	278.24	269.19	274.16	1.67	ppb
Strontium	88-1	265.90	277.12	265.99	269.67	2.39	ppb
Sulfur	34-1	392.46	442.89	86.31	307.22	62.81	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.08	0.05	0.06	24.38	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.88	ppb
Tin	118-1	0.31	0.31	0.30	0.31	1.12	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:12:30	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.28	14.59	13.06	13.64	6.08	ppb
Uranium	238-1	0.05	0.06	0.07	0.06	13.16	ppb
Vanadium	51-2	1.61	1.46	1.47	1.51	5.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	45.06	44.02	42.63	43.90	2.77	ppb
Zirconium	90-1	0.07	0.09	0.09	0.09	12.58	ppb
Zirconium	91-1	0.07	0.06	0.07	0.07	11.72	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:15:36	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	425.86	469.76	397.95	431.19	8.40	ppb
Antimony	121-1	0.16	0.14	0.18	0.16	11.42	ppb
Arsenic	75-2	1.32	1.40	1.21	1.31	7.33	ppb
Barium	135-1	183.62	184.96	185.37	184.65	0.49	ppb
Barium	137-1	183.73	184.00	188.74	185.49	1.52	ppb
Beryllium	9-1	0.18	0.18	0.17	0.18	3.88	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	14.59	14.51	14.61	14.57	0.35	ppb
Boron	11-1	14.66	14.77	15.03	14.82	1.30	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.15	0.02	0.10	66.95	ppb
Cadmium	106-1	0.91	1.62	-0.38	0.72	140.99	ppb
Cadmium	108-1	0.02	0.28	-0.04	0.09	200.32	ppb
Calcium	43-1	20596.39	20640.25	19997.14	20411.26	1.76	ppb
Calcium	44-1	20533.90	20500.54	20308.26	20447.57	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.66	2.03	1.57	1.75	13.76	ppb
Cobalt	59-2	1.33	1.56	1.30	1.39	10.05	ppb
Copper	63-2	1.75	1.83	1.67	1.75	4.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	2308.57	2595.18	2214.28	2372.68	8.36	ppb
Iron	56-2	2461.07	2681.63	2359.13	2500.61	6.59	ppb
Iron	57-2	2447.42	2600.97	2309.11	2452.50	5.95	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:15:36	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.68	1.68	1.60	1.65	2.80	ppb
Lead	207-1	1.59	1.50	1.54	1.54	2.88	ppb
Lead	208-1	1.63	1.58	1.58	1.60	2.01	ppb
Lithium	6-1				102		%
Magnesium	24-2	5153.32	5609.49	4906.69	5223.17	6.83	ppb
Manganese	55-2	259.06	284.06	244.74	262.62	7.58	ppb
Molybdenum	94-1	1.17	1.14	1.27	1.20	5.82	ppb
Molybdenum	95-1	1.27	1.25	1.24	1.25	1.03	ppb
Molybdenum	96-1	1.18	1.30	1.20	1.23	5.26	ppb
Molybdenum	97-1	1.20	1.32	1.18	1.23	6.35	ppb
Molybdenum	98-1	1.19	1.18	1.25	1.21	3.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.98	2.21	1.88	2.02	8.56	ppb
Phosphorus	31-2	184.32	178.58	117.19	160.03	23.25	ppb
Potassium	39-2	7310.75	8090.41	6995.68	7465.62	7.55	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.07	0.27	0.39	0.24	65.86	ppb
Selenium	77-2	2.42	0.00	0.00	0.81	173.21	ppb
Selenium	78-2	0.46	2.20	0.47	1.04	95.89	ppb
Silicon	28-1	660.24	655.93	630.39	648.85	2.49	ppb
Silver	107-1	0.00	0.00	0.01	0.00	78.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.08	ppb
Sodium	23-2	5381.72	5716.77	5015.13	5371.21	6.53	ppb
Strontium	86-1	276.51	276.00	270.05	274.18	1.31	ppb
Strontium	88-1	275.93	275.89	271.05	274.29	1.02	ppb
Sulfur	34-1	-168.07	-168.31	-330.23	-222.21		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.03	0.05	0.04	25.21	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	9.01	ppb
Tin	118-1	0.26	0.22	0.30	0.26	15.07	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:15:36	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.80	13.89	13.66	13.79	0.84	ppb
Uranium	238-1	0.06	0.06	0.07	0.06	7.91	ppb
Vanadium	51-2	1.50	1.71	1.49	1.57	7.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	43.02	48.56	41.97	44.52	7.96	ppb
Zirconium	90-1	0.09	0.09	0.10	0.09	8.06	ppb
Zirconium	91-1	0.09	0.10	0.07	0.09	15.64	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 15:18:43	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66.30	64.45	63.44	64.73	2.24	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.14	ppb
Arsenic	75-2	0.79	0.70	0.66	0.72	8.75	ppb
Barium	135-1	46.63	46.33	47.42	46.79	1.20	ppb
Barium	137-1	49.22	45.60	48.15	47.65	3.90	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	13.11	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	7.45	7.67	7.61	7.58	1.50	ppb
Boron	11-1	7.83	7.87	7.67	7.79	1.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.16	0.17	0.11	84.18	ppb
Cadmium	106-1	-0.16	1.98	2.03	1.28	97.71	ppb
Cadmium	108-1	-0.08	0.02	0.16	0.03	370.06	ppb
Calcium	43-1	8386.06	8392.21	8288.18	8355.48	0.70	ppb
Calcium	44-1	8225.20	8358.20	8182.31	8255.24	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.11	3.25	3.25	3.20	2.59	ppb
Cobalt	59-2	0.13	0.13	0.12	0.13	4.74	ppb
Copper	63-2	0.39	0.39	0.37	0.38	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	54-2	244.13	239.81	239.71	241.22	1.05	ppb
Iron	56-2	241.82	241.36	239.53	240.90	0.50	ppb
Iron	57-2	256.55	259.65	239.94	252.05	4.20	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 15:18:43	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.18	0.22	0.17	0.19	14.09	ppb
Lead	207-1	0.19	0.20	0.16	0.18	10.90	ppb
Lead	208-1	0.18	0.22	0.17	0.19	14.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	1405.90	1367.04	1383.48	1385.48	1.41	ppb
Manganese	55-2	31.35	30.70	30.23	30.76	1.84	ppb
Molybdenum	94-1	2.63	2.58	2.55	2.59	1.46	ppb
Molybdenum	95-1	2.85	3.00	2.85	2.90	2.93	ppb
Molybdenum	96-1	2.81	2.80	2.78	2.80	0.51	ppb
Molybdenum	97-1	3.06	3.16	3.19	3.14	2.06	ppb
Molybdenum	98-1	2.92	2.93	3.08	2.98	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.29	0.32	0.32	11.35	ppb
Phosphorus	31-2	8.75	26.22	14.63	16.53	53.77	ppb
Potassium	39-2	3247.45	3205.01	3173.97	3208.81	1.15	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	-0.18	-0.38	0.15	-0.13		ppb
Selenium	77-2	0.00	0.81	0.00	0.27	173.21	ppb
Selenium	78-2	0.93	1.20	0.33	0.82	54.00	ppb
Silicon	28-1	142.15	145.80	142.63	143.52	1.38	ppb
Silver	107-1	0.01	0.01	0.00	0.00	156.99	ppb
Silver	109-1	0.01	0.01	0.00	0.01	37.68	ppb
Sodium	23-2	2519.11	2513.31	2480.13	2504.18	0.84	ppb
Strontium	86-1	120.48	120.41	118.94	119.94	0.72	ppb
Strontium	88-1	123.19	120.29	119.70	121.06	1.54	ppb
Sulfur	34-1	-517.62	-571.86	-668.65	-586.04		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.02	0.02	0.02	17.14	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.90	ppb
Tin	118-1	0.02	0.06	0.06	0.05	50.01	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 15:18:43	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.75	1.59	1.66	1.66	4.78	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	18.34	ppb
Vanadium	51-2	2.16	2.26	2.17	2.20	2.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	5.78	5.52	5.54	5.61	2.64	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	41.48	ppb
Zirconium	91-1	-0.01	0.00	0.02	0.01	214.15	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:21:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11323.40	11245.59	10994.72	11187.90	1.54	ppb
Antimony	121-1	499.22	501.95	488.72	496.63	1.41	ppb
Arsenic	75-2	553.43	540.21	526.69	540.11	2.47	ppb
Barium	135-1	2816.37	2842.82	2664.32	2774.50	3.47	ppb
Barium	137-1	2734.80	2883.00	2628.02	2748.61	4.66	ppb
Beryllium	9-1	519.62	509.56	519.00	516.06	1.09	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	181.86	184.96	186.80	184.54	1.35	ppb
Boron	11-1	167.05	171.76	172.24	170.35	1.69	ppb
Bromine	81-1						cps
Cadmium	111-1	542.08	553.43	533.48	543.00	1.84	ppb
Cadmium	106-1	529.74	554.25	527.65	537.21	2.75	ppb
Cadmium	108-1	516.64	532.48	518.47	522.53	1.66	ppb
Calcium	43-1	71288.04	71920.36	67312.32	70173.57	3.56	ppb
Calcium	44-1	71560.02	72936.91	68265.48	70920.80	3.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.09	523.32	512.42	519.61	1.20	ppb
Cobalt	59-2	527.36	538.62	512.06	526.01	2.53	ppb
Copper	63-2	5296.12	5230.24	5063.09	5196.48	2.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	30934.96	31117.69	29306.57	30453.07	3.27	ppb
Iron	56-2	30622.54	30205.07	28371.82	29733.15	4.03	ppb
Iron	57-2	28970.98	29924.31	28449.20	29114.83	2.57	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:21:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2510.31	2523.64	2419.90	2484.62	2.27	ppb
Lead	207-1	2448.45	2430.03	2367.61	2415.36	1.75	ppb
Lead	208-1	2492.44	2442.40	2400.36	2445.07	1.89	ppb
Lithium	6-1				102		%
Magnesium	24-2	58652.88	58860.46	56884.46	58132.60	1.87	ppb
Manganese	55-2	5504.89	5371.58	5290.67	5389.05	2.01	ppb
Molybdenum	94-1	2557.33	2564.53	2428.13	2516.67	3.05	ppb
Molybdenum	95-1	2026.35	2008.15	1954.98	1996.49	1.86	ppb
Molybdenum	96-1	2025.80	2121.73	1954.05	2033.86	4.14	ppb
Molybdenum	97-1	2003.54	2021.44	1930.26	1985.08	2.43	ppb
Molybdenum	98-1	2018.69	2037.17	1949.65	2001.84	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.60	525.55	506.89	519.35	2.08	ppb
Phosphorus	31-2	196.51	153.64	218.13	189.43	17.33	ppb
Potassium	39-2	27796.01	28458.34	27474.44	27909.60	1.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	512.89	510.45	496.99	506.78	1.69	ppb
Selenium	77-2	556.23	511.25	526.60	531.36	4.30	ppb
Selenium	78-2	525.56	527.36	514.30	522.40	1.35	ppb
Silicon	28-1	646.27	640.06	618.03	634.79	2.34	ppb
Silver	107-1	92.31	85.48	79.79	85.86	7.30	ppb
Silver	109-1	95.46	107.02	82.49	94.99	12.92	ppb
Sodium	23-2	58474.47	56866.15	55962.57	57101.06	2.23	ppb
Strontium	86-1	793.77	767.23	721.98	761.00	4.77	ppb
Strontium	88-1	748.92	750.28	724.48	741.23	1.96	ppb
Sulfur	34-1	437.26	474.19	-20.61	296.95	92.82	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	520.75	518.30	484.20	507.75	4.02	ppb
Thallium	205-1	521.35	513.58	501.40	512.11	1.96	ppb
Tin	118-1	513.73	522.11	498.44	511.43	2.35	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:21:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2107.58	2115.64	1988.90	2070.71	3.43	ppb
Uranium	238-1	500.33	511.22	505.41	505.66	1.08	ppb
Vanadium	51-2	530.81	535.92	515.53	527.42	2.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	5033.12	5099.11	4883.75	5005.33	2.20	ppb
Zirconium	90-1	487.91	490.49	474.27	484.22	1.80	ppb
Zirconium	91-1	484.49	483.61	459.61	475.90	2.97	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:24:48	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11339.41	10967.35	10879.39	11062.05	2.21	ppb
Antimony	121-1	492.53	492.37	492.75	492.55	0.04	ppb
Arsenic	75-2	537.08	524.52	517.78	526.46	1.86	ppb
Barium	135-1	2670.18	2737.91	2792.69	2733.60	2.25	ppb
Barium	137-1	2752.35	2667.92	2749.04	2723.10	1.76	ppb
Beryllium	9-1	527.53	516.44	515.87	519.95	1.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	189.65	194.63	191.88	192.05	1.30	ppb
Boron	11-1	178.90	182.28	181.54	180.91	0.98	ppb
Bromine	81-1						cps
Cadmium	111-1	543.41	531.89	542.90	539.40	1.21	ppb
Cadmium	106-1	533.81	527.43	544.82	535.35	1.64	ppb
Cadmium	108-1	526.90	516.45	510.39	517.91	1.61	ppb
Calcium	43-1	71023.91	70966.23	71950.12	71313.42	0.77	ppb
Calcium	44-1	70502.16	70965.69	70901.42	70789.75	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	531.49	514.35	506.38	517.41	2.48	ppb
Cobalt	59-2	529.40	526.95	498.52	518.29	3.31	ppb
Copper	63-2	5341.95	5147.49	4891.72	5127.05	4.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	30754.87	30612.15	29416.64	30261.22	2.43	ppb
Iron	56-2	29924.05	29192.79	28938.94	29351.93	1.74	ppb
Iron	57-2	29418.01	28361.81	28139.42	28639.75	2.39	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:24:48	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2508.00	2465.99	2467.38	2480.46	0.96	ppb
Lead	207-1	2464.90	2469.24	2363.57	2432.57	2.46	ppb
Lead	208-1	2482.26	2469.24	2410.12	2453.87	1.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	59819.70	55993.44	56763.47	57525.54	3.52	ppb
Manganese	55-2	5341.43	5310.67	5145.27	5265.79	2.00	ppb
Molybdenum	94-1	2579.01	2489.99	2437.28	2502.09	2.86	ppb
Molybdenum	95-1	2069.34	1998.48	1976.39	2014.74	2.41	ppb
Molybdenum	96-1	2122.05	2013.02	1984.87	2039.98	3.55	ppb
Molybdenum	97-1	2044.12	2001.48	1985.94	2010.51	1.50	ppb
Molybdenum	98-1	2016.78	1997.89	1992.64	2002.44	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.13	507.73	493.80	511.22	3.80	ppb
Phosphorus	31-2	142.51	157.89	151.72	150.71	5.13	ppb
Potassium	39-2	28704.19	28464.00	27399.95	28189.38	2.46	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	524.90	503.87	509.45	512.74	2.12	ppb
Selenium	77-2	522.99	530.41	546.78	533.40	2.28	ppb
Selenium	78-2	515.77	509.70	513.56	513.01	0.60	ppb
Silicon	28-1	641.47	643.95	642.07	642.50	0.20	ppb
Silver	107-1	57.15	85.48	164.21	102.28	54.24	ppb
Silver	109-1	103.11	100.73	103.74	102.52	1.55	ppb
Sodium	23-2	57256.40	55470.09	54995.34	55907.28	2.13	ppb
Strontium	86-1	766.67	752.55	725.42	748.21	2.80	ppb
Strontium	88-1	785.14	740.05	745.32	756.84	3.26	ppb
Sulfur	34-1	224.62	472.90	399.04	365.52	34.88	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	505.31	527.09	500.62	511.01	2.76	ppb
Thallium	205-1	513.34	520.21	510.97	514.84	0.93	ppb
Tin	118-1	518.46	495.32	518.77	510.85	2.63	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:24:48	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2089.94	2066.76	2091.70	2082.80	0.67	ppb
Uranium	238-1	510.66	504.45	507.02	507.38	0.61	ppb
Vanadium	51-2	531.20	521.25	504.44	518.96	2.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	5104.22	4939.56	4845.00	4962.93	2.64	ppb
Zirconium	90-1	499.40	486.04	488.55	491.33	1.45	ppb
Zirconium	91-1	487.52	476.36	468.97	477.61	1.96	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1520-01A	Instrumnet Name :	P8
Client Sample ID :	MH24M7A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:30:44	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23082.94	22666.43	23237.55	22995.64	1.28	ppb
Antimony	121-1	7.07	7.60	7.29	7.32	3.65	ppb
Arsenic	75-2	143.98	138.77	142.87	141.87	1.93	ppb
Barium	135-1	973.92	973.88	937.77	961.86	2.17	ppb
Barium	137-1	993.98	1010.75	962.18	988.97	2.49	ppb
Beryllium	9-1	9.09	8.73	8.87	8.89	2.06	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	25.88	23.72	24.23	24.61	4.60	ppb
Boron	11-1	25.80	24.31	24.60	24.90	3.16	ppb
Bromine	81-1						cps
Cadmium	111-1	22.47	21.68	21.97	22.04	1.82	ppb
Cadmium	106-1	26.64	20.68	25.14	24.15	12.84	ppb
Cadmium	108-1	21.91	22.61	20.48	21.66	5.01	ppb
Calcium	43-1	137219.67	142393.61	136878.85	138830.71	2.23	ppb
Calcium	44-1	139339.75	141106.05	138816.75	139754.18	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148.65	146.81	148.38	147.94	0.67	ppb
Cobalt	59-2	69.64	68.83	70.12	69.53	0.94	ppb
Copper	63-2	427.33	421.13	429.42	425.96	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	70913.64	69862.87	69616.69	70131.07	0.98	ppb
Iron	56-2	70047.51	69065.34	69341.23	69484.69	0.73	ppb
Iron	57-2	71604.89	72633.46	71598.91	71945.75	0.83	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1520-01A	Instrumnet Name :	P8
Client Sample ID :	MH24M7A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:30:44	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1697.01	1700.81	1637.18	1678.33	2.13	ppb
Lead	207-1	1602.90	1648.81	1576.52	1609.41	2.27	ppb
Lead	208-1	1633.54	1657.47	1604.41	1631.81	1.63	ppb
Lithium	6-1				106		%
Magnesium	24-2	14029.06	13875.95	13898.62	13934.54	0.59	ppb
Manganese	55-2	4064.65	4054.02	4004.97	4041.21	0.79	ppb
Molybdenum	94-1	9.53	9.74	9.45	9.58	1.57	ppb
Molybdenum	95-1	4.60	4.33	4.79	4.58	5.11	ppb
Molybdenum	96-1	6.12	6.02	6.19	6.11	1.35	ppb
Molybdenum	97-1	4.57	4.50	4.70	4.59	2.19	ppb
Molybdenum	98-1	4.20	4.46	4.44	4.37	3.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	399.18	392.01	398.03	396.41	0.97	ppb
Phosphorus	31-2	5751.46	5538.36	5665.17	5651.66	1.90	ppb
Potassium	39-2	5671.84	5653.54	5726.65	5684.01	0.67	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	12.13	13.52	13.42	13.02	5.94	ppb
Selenium	77-2	61.24	41.84	52.15	51.74	18.76	ppb
Selenium	78-2	20.17	19.90	20.94	20.34	2.67	ppb
Silicon	28-1	251.92	259.01	244.84	251.92	2.81	ppb
Silver	107-1	20.50	20.43	19.79	20.24	1.95	ppb
Silver	109-1	20.14	20.89	20.04	20.36	2.29	ppb
Sodium	23-2	441.05	434.06	442.35	439.16	1.01	ppb
Strontium	86-1	431.77	437.42	434.26	434.48	0.65	ppb
Strontium	88-1	438.65	439.51	429.27	435.81	1.30	ppb
Sulfur	34-1	-313.25	215.85	-343.22	-146.87		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	3.11	3.05	3.13	3.10	1.41	ppb
Thallium	205-1	3.14	3.13	3.06	3.11	1.39	ppb
Tin	118-1	35.80	35.97	35.70	35.82	0.38	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1520-01A	Instrumnet Name :	P8
Client Sample ID :	MH24M7A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:30:44	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	304.69	315.28	302.84	307.60	2.18	ppb
Uranium	238-1	4.75	4.79	4.69	4.74	1.07	ppb
Vanadium	51-2	112.80	109.45	111.14	111.13	1.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				116		%
Zinc	66-2	3794.53	3770.53	3752.46	3772.51	0.56	ppb
Zirconium	90-1	3.14	3.40	3.34	3.29	4.07	ppb
Zirconium	91-1	3.12	3.14	3.32	3.19	3.41	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1517-20A	Instrumnet Name :	P8
Client Sample ID :	MH2404A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:33:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23703.41	23550.82	23725.87	23660.03	0.40	ppb
Antimony	121-1	7.58	7.79	7.95	7.77	2.37	ppb
Arsenic	75-2	94.29	93.88	92.02	93.40	1.30	ppb
Barium	135-1	975.79	1021.85	1008.78	1002.14	2.37	ppb
Barium	137-1	1021.38	1031.46	1011.97	1021.60	0.95	ppb
Beryllium	9-1	2.27	2.29	2.24	2.27	1.20	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	16.94	17.51	17.73	17.39	2.33	ppb
Boron	11-1	17.77	18.19	17.79	17.92	1.34	ppb
Bromine	81-1						cps
Cadmium	111-1	9.33	9.11	9.05	9.16	1.65	ppb
Cadmium	106-1	12.53	9.62	10.26	10.80	14.17	ppb
Cadmium	108-1	8.26	9.23	8.22	8.57	6.68	ppb
Calcium	43-1	218454.42	206735.52	214108.82	213099.59	2.78	ppb
Calcium	44-1	217576.64	210796.60	214082.77	214152.00	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.11	52.33	51.60	52.35	1.44	ppb
Cobalt	59-2	23.28	23.05	23.01	23.11	0.63	ppb
Copper	63-2	157.99	158.03	157.39	157.80	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	57053.88	55692.46	56022.91	56256.42	1.26	ppb
Iron	56-2	56644.90	56155.47	55475.03	56091.80	1.05	ppb
Iron	57-2	57777.78	58436.38	57905.53	58039.89	0.60	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1517-20A	Instrumnet Name :	P8
Client Sample ID :	MH2404A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:33:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	791.25	811.06	785.30	795.87	1.69	ppb
Lead	207-1	751.49	742.25	731.34	741.69	1.36	ppb
Lead	208-1	758.75	763.14	738.26	753.38	1.76	ppb
Lithium	6-1				108		%
Magnesium	24-2	15734.24	15907.74	15940.18	15860.72	0.70	ppb
Manganese	55-2	1590.36	1603.42	1606.03	1599.94	0.52	ppb
Molybdenum	94-1	8.17	8.47	8.14	8.26	2.22	ppb
Molybdenum	95-1	5.11	5.00	5.08	5.06	1.05	ppb
Molybdenum	96-1	6.40	6.52	6.39	6.44	1.13	ppb
Molybdenum	97-1	5.06	5.11	5.07	5.08	0.54	ppb
Molybdenum	98-1	4.93	5.17	4.86	4.99	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	155.54	154.11	153.12	154.26	0.79	ppb
Phosphorus	31-2	4673.99	4639.16	4667.98	4660.37	0.40	ppb
Potassium	39-2	6669.67	6723.82	6553.65	6649.05	1.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	13.32	13.64	14.00	13.65	2.49	ppb
Selenium	77-2	49.97	48.09	49.49	49.18	1.99	ppb
Selenium	78-2	20.56	18.97	21.85	20.46	7.07	ppb
Silicon	28-1	507.04	483.83	486.29	492.39	2.59	ppb
Silver	107-1	1.73	1.82	1.74	1.77	2.74	ppb
Silver	109-1	1.84	1.84	1.80	1.82	1.34	ppb
Sodium	23-2	679.32	681.96	672.94	678.07	0.68	ppb
Strontium	86-1	588.66	584.08	574.19	582.31	1.27	ppb
Strontium	88-1	583.55	574.54	576.99	578.36	0.81	ppb
Sulfur	34-1	1119.56	806.00	903.66	943.07	17.01	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	2.34	2.36	2.36	2.35	0.61	ppb
Thallium	205-1	2.41	2.43	2.37	2.40	1.21	ppb
Tin	118-1	5.48	5.55	5.39	5.47	1.41	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1517-20A	Instrumnet Name :	P8
Client Sample ID :	MH2404A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:33:40	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	304.93	301.82	295.20	300.65	1.65	ppb
Uranium	238-1	6.01	5.68	5.71	5.80	3.13	ppb
Vanadium	51-2	114.51	115.32	112.47	114.10	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				113		%
Zinc	66-2	1571.53	1591.46	1561.78	1574.92	0.96	ppb
Zirconium	90-1	2.27	2.26	2.25	2.26	0.38	ppb
Zirconium	91-1	2.26	2.15	2.32	2.24	4.04	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1518-12A	Instrumnet Name :	P8
Client Sample ID :	MH2405A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:36:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30365.44	30196.70	27728.04	29430.06	5.02	ppb
Antimony	121-1	3.72	3.75	3.96	3.81	3.47	ppb
Arsenic	75-2	40.72	41.47	39.95	40.71	1.86	ppb
Barium	135-1	3039.21	3046.96	3071.38	3052.52	0.55	ppb
Barium	137-1	2942.95	3082.56	3129.86	3051.79	3.18	ppb
Beryllium	9-1	3.66	3.67	3.70	3.68	0.57	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	27.23	27.57	28.47	27.76	2.31	ppb
Boron	11-1	27.08	27.88	28.94	27.97	3.34	ppb
Bromine	81-1						cps
Cadmium	111-1	10.14	9.53	9.99	9.88	3.23	ppb
Cadmium	106-1	13.69	10.29	11.06	11.68	15.28	ppb
Cadmium	108-1	8.85	8.71	10.62	9.39	11.34	ppb
Calcium	43-1	234989.58	229723.62	242040.38	235584.53	2.62	ppb
Calcium	44-1	236130.09	232964.65	241989.00	237027.91	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	151.89	153.61	140.29	148.59	4.87	ppb
Cobalt	59-2	20.01	20.91	18.89	19.93	5.09	ppb
Copper	63-2	163.88	168.96	152.48	161.77	5.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	51426.54	51520.18	47228.01	50058.24	4.90	ppb
Iron	56-2	51283.69	52104.26	47537.91	50308.62	4.84	ppb
Iron	57-2	53669.38	54067.86	49023.50	52253.58	5.37	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1518-12A	Instrumnet Name :	P8
Client Sample ID :	MH2405A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:36:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	829.61	860.53	898.95	863.03	4.03	ppb
Lead	207-1	809.69	791.61	824.76	808.69	2.05	ppb
Lead	208-1	809.12	809.45	851.45	823.34	2.96	ppb
Lithium	6-1				108		%
Magnesium	24-2	24955.51	25810.39	23354.75	24706.88	5.05	ppb
Manganese	55-2	2434.36	2497.10	2237.11	2389.52	5.68	ppb
Molybdenum	94-1	12.51	12.56	13.55	12.87	4.59	ppb
Molybdenum	95-1	5.30	5.16	5.54	5.33	3.54	ppb
Molybdenum	96-1	7.00	6.85	7.00	6.95	1.24	ppb
Molybdenum	97-1	5.25	5.08	5.60	5.31	5.01	ppb
Molybdenum	98-1	5.18	5.30	5.43	5.30	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	426.94	435.22	395.22	419.12	5.04	ppb
Phosphorus	31-2	5956.11	5980.28	5358.51	5764.97	6.11	ppb
Potassium	39-2	9310.69	9617.83	8601.90	9176.80	5.68	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	4.34	3.78	4.72	4.28	11.02	ppb
Selenium	77-2	34.30	35.50	39.01	36.27	6.75	ppb
Selenium	78-2	11.42	10.47	9.54	10.48	8.96	ppb
Silicon	28-1	776.29	761.94	802.93	780.39	2.67	ppb
Silver	107-1	2.26	2.32	2.25	2.28	1.46	ppb
Silver	109-1	2.28	2.21	2.39	2.29	3.96	ppb
Sodium	23-2	1351.95	1373.77	1270.19	1331.97	4.10	ppb
Strontium	86-1	769.40	784.27	800.34	784.67	1.97	ppb
Strontium	88-1	758.61	756.36	773.54	762.84	1.22	ppb
Sulfur	34-1	5194.80	4806.82	5525.48	5175.70	6.95	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.74	0.73	0.77	0.75	2.38	ppb
Thallium	205-1	0.74	0.74	0.80	0.76	4.74	ppb
Tin	118-1	12.63	12.72	12.92	12.76	1.16	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1518-12A	Instrumnet Name :	P8
Client Sample ID :	MH2405A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:36:39	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	506.23	494.37	510.21	503.60	1.64	ppb
Uranium	238-1	7.61	7.24	7.97	7.61	4.80	ppb
Vanadium	51-2	110.12	109.62	101.80	107.18	4.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				119		%
Yttrium	89-2				119		%
Zinc	66-2	1602.16	1635.82	1488.52	1575.50	4.90	ppb
Zirconium	90-1	4.50	4.46	4.76	4.57	3.60	ppb
Zirconium	91-1	4.22	4.56	4.57	4.45	4.44	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:50:49	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53244.14	52137.10	51095.06	52158.76	2.06	ppb
Antimony	121-1	491.63	493.00	505.99	496.88	1.59	ppb
Arsenic	75-2	494.33	485.10	480.12	486.52	1.48	ppb
Barium	135-1	2521.63	2512.57	2626.12	2553.44	2.47	ppb
Barium	137-1	2471.12	2511.03	2642.54	2541.57	3.53	ppb
Beryllium	9-1	470.82	484.94	480.61	478.79	1.51	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	513.55	536.93	531.97	527.49	2.34	ppb
Boron	11-1	463.98	477.59	503.82	481.80	4.20	ppb
Bromine	81-1						cps
Cadmium	111-1	463.88	476.18	478.53	472.86	1.66	ppb
Cadmium	106-1	480.87	489.59	500.80	490.42	2.04	ppb
Cadmium	108-1	467.93	484.64	498.18	483.58	3.13	ppb
Calcium	43-1	241217.49	248104.61	258611.44	249311.18	3.51	ppb
Calcium	44-1	241253.29	251952.50	252683.49	248629.76	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.63	483.32	481.37	489.44	2.52	ppb
Cobalt	59-2	504.30	476.64	470.18	483.71	3.75	ppb
Copper	63-2	5123.00	4941.94	4773.95	4946.29	3.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	131487.66	124229.35	123358.21	126358.41	3.53	ppb
Iron	56-2	131360.83	125312.82	125722.08	127465.24	2.65	ppb
Iron	57-2	132844.01	130851.19	128863.54	130852.91	1.52	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:50:49	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2589.07	2691.13	2585.15	2621.78	2.29	ppb
Lead	207-1	2568.76	2615.91	2578.20	2587.62	0.96	ppb
Lead	208-1	2549.69	2626.75	2547.19	2574.55	1.76	ppb
Lithium	6-1				99		%
Magnesium	24-2	256153.51	250911.38	249621.41	252228.77	1.37	ppb
Manganese	55-2	5075.22	4738.33	4769.48	4861.01	3.83	ppb
Molybdenum	94-1	4959.18	5042.13	4915.24	4972.18	1.30	ppb
Molybdenum	95-1	5060.39	5149.53	4897.37	5035.76	2.54	ppb
Molybdenum	96-1	5100.13	5066.55	4993.57	5053.42	1.08	ppb
Molybdenum	97-1	4980.12	5072.05	4971.62	5007.93	1.11	ppb
Molybdenum	98-1	4983.65	5035.62	4938.79	4986.02	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.73	494.75	481.26	489.91	1.53	ppb
Phosphorus	31-2	10475.54	10131.75	9778.11	10128.47	3.44	ppb
Potassium	39-2	127660.37	122493.02	121759.15	123970.85	2.59	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	490.67	486.27	481.49	486.14	0.95	ppb
Selenium	77-2	496.74	492.55	448.96	479.42	5.52	ppb
Selenium	78-2	510.31	501.20	481.93	497.81	2.91	ppb
Silicon	28-1	502.73	520.86	539.15	520.91	3.50	ppb
Silver	107-1	488.02	476.55	494.34	486.31	1.85	ppb
Silver	109-1	481.99	490.70	497.19	489.96	1.56	ppb
Sodium	23-2	257258.10	247302.27	246470.02	250343.46	2.40	ppb
Strontium	86-1	12676.68	12395.52	12446.53	12506.24	1.20	ppb
Strontium	88-1	12583.43	12277.95	12146.70	12336.03	1.82	ppb
Sulfur	34-1	11497.01	12012.34	12436.20	11981.85	3.93	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	521.30	521.54	515.11	519.32	0.70	ppb
Thallium	205-1	522.13	534.53	511.13	522.60	2.24	ppb
Tin	118-1	491.66	507.32	526.59	508.52	3.44	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:50:49	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4920.02	5123.75	5189.38	5077.72	2.77	ppb
Uranium	238-1	524.51	526.28	521.67	524.15	0.44	ppb
Vanadium	51-2	515.96	503.89	494.15	504.67	2.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	4832.03	4644.06	4611.06	4695.72	2.54	ppb
Zirconium	90-1	510.00	506.97	507.55	508.17	0.32	ppb
Zirconium	91-1	499.24	491.06	487.93	492.75	1.19	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:56:56	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.95	0.59	0.67	36.89	ppb
Antimony	121-1	0.11	0.15	0.17	0.14	20.97	ppb
Arsenic	75-2	0.02	0.01	-0.02	0.00	501.40	ppb
Barium	135-1	-0.02	0.01	0.01	0.00	1063.61	ppb
Barium	137-1	0.01	0.02	0.02	0.02	32.73	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	1.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	13.66	13.42	12.53	13.20	4.52	ppb
Boron	11-1	13.92	13.81	12.84	13.53	4.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.01	0.07	0.03	147.93	ppb
Cadmium	106-1	-0.15	-0.49	0.48	-0.05		ppb
Cadmium	108-1	-0.07	-0.11	-0.01	-0.06		ppb
Calcium	43-1	3.12	3.08	4.26	3.48	19.23	ppb
Calcium	44-1	4.83	3.92	2.92	3.89	24.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	0.04	0.03	45.60	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.17	0.13	0.25	0.18	32.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	3.49	0.48	0.45	1.47	118.50	ppb
Iron	56-2	1.84	1.67	1.57	1.69	8.08	ppb
Iron	57-2	3.58	1.60	0.66	1.95	76.51	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:56:56	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.06	0.06	26.01	ppb
Lead	207-1	0.08	0.05	0.06	0.07	22.65	ppb
Lead	208-1	0.07	0.05	0.06	0.06	15.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.43	-0.10	2.19	1.17	99.43	ppb
Manganese	55-2	0.07	0.03	0.05	0.05	39.40	ppb
Molybdenum	94-1	0.16	0.15	0.14	0.15	5.55	ppb
Molybdenum	95-1	0.19	0.19	0.17	0.18	6.11	ppb
Molybdenum	96-1	0.11	0.13	0.08	0.11	21.86	ppb
Molybdenum	97-1	0.22	0.16	0.15	0.18	20.80	ppb
Molybdenum	98-1	0.14	0.15	0.12	0.14	12.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-8.32	-8.53	-13.89	-10.25		ppb
Potassium	39-2	16.45	17.42	16.22	16.70	3.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.14	-0.26	-0.21	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.97	0.12	0.78	0.62	72.15	ppb
Silicon	28-1	0.28	0.28	0.06	0.21	63.23	ppb
Silver	107-1	0.03	0.04	0.03	0.03	21.66	ppb
Silver	109-1	0.05	0.04	0.04	0.04	17.06	ppb
Sodium	23-2	39.72	41.20	35.64	38.86	7.41	ppb
Strontium	86-1	0.15	0.08	0.12	0.12	30.81	ppb
Strontium	88-1	0.12	0.11	0.11	0.11	5.13	ppb
Sulfur	34-1	-621.64	-754.26	-877.30	-751.07		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.09	0.09	0.09	4.47	ppb
Thallium	205-1	0.10	0.07	0.09	0.09	13.19	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	7085.60	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:56:56	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.09	0.03	0.09	62.83	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	39.56	ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.18	0.10	-0.02	0.09	118.68	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	23.13	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	46.40	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1525-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH25D3DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 16:00:05	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1047.89	1028.45	1047.17	1041.17	1.06	ppb
Antimony	121-1	5.03	5.44	5.29	5.25	3.88	ppb
Arsenic	75-2	2.68	2.63	2.67	2.66	0.97	ppb
Barium	135-1	82.27	83.82	84.07	83.39	1.17	ppb
Barium	137-1	82.71	83.81	85.54	84.02	1.70	ppb
Beryllium	9-1	0.14	0.14	0.15	0.14	6.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	12.68	12.30	12.46	12.48	1.53	ppb
Boron	11-1	12.39	12.72	12.73	12.61	1.51	ppb
Bromine	81-1						cps
Cadmium	111-1	1.56	1.73	1.71	1.66	5.51	ppb
Cadmium	106-1	0.71	3.98	2.81	2.50	66.26	ppb
Cadmium	108-1	2.11	1.81	1.90	1.94	7.92	ppb
Calcium	43-1	19807.04	19874.78	19963.76	19881.86	0.40	ppb
Calcium	44-1	19457.12	19600.06	20266.63	19774.60	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.45	29.29	29.27	29.34	0.34	ppb
Cobalt	59-2	2.25	2.21	2.14	2.20	2.51	ppb
Copper	63-2	25.26	25.26	24.64	25.05	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	3123.06	3158.61	3101.73	3127.80	0.92	ppb
Iron	56-2	3265.56	3164.79	3253.73	3228.02	1.71	ppb
Iron	57-2	3188.86	3158.66	3182.45	3176.66	0.50	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1525-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH25D3DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 16:00:05	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2614.55	2646.26	2577.08	2612.63	1.33	ppb
Lead	207-1	2487.39	2434.55	2405.59	2442.51	1.70	ppb
Lead	208-1	2560.92	2491.17	2477.31	2509.80	1.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	919.09	913.80	899.41	910.77	1.12	ppb
Manganese	55-2	117.36	117.72	118.47	117.85	0.48	ppb
Molybdenum	94-1	1.26	1.39	1.41	1.35	6.40	ppb
Molybdenum	95-1	0.46	0.61	0.49	0.52	15.77	ppb
Molybdenum	96-1	0.73	0.67	0.68	0.70	4.92	ppb
Molybdenum	97-1	0.53	0.54	0.54	0.54	1.54	ppb
Molybdenum	98-1	0.52	0.52	0.50	0.51	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.88	3.84	3.84	3.85	0.59	ppb
Phosphorus	31-2	321.11	264.34	238.65	274.70	15.36	ppb
Potassium	39-2	654.04	652.55	648.92	651.84	0.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	0.09	0.02	0.20	0.11	86.23	ppb
Selenium	77-2	1.66	0.84	1.69	1.40	34.73	ppb
Selenium	78-2	1.36	-0.06	-0.02	0.43	189.96	ppb
Silicon	28-1	36.89	36.75	36.74	36.79	0.23	ppb
Silver	107-1	0.22	0.23	0.24	0.23	4.64	ppb
Silver	109-1	0.21	0.23	0.24	0.23	6.45	ppb
Sodium	23-2	877.15	876.33	862.47	871.99	0.95	ppb
Strontium	86-1	54.93	52.64	54.58	54.05	2.28	ppb
Strontium	88-1	54.44	52.69	54.16	53.76	1.75	ppb
Sulfur	34-1	3872.80	3880.47	4048.66	3933.98	2.53	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.11	0.11	0.11	2.67	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	12.50	ppb
Tin	118-1	3.19	3.31	3.35	3.28	2.49	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1525-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH25D3DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 16:00:05	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	38.78	38.73	39.56	39.02	1.19	ppb
Uranium	238-1	0.28	0.28	0.27	0.28	2.79	ppb
Vanadium	51-2	4.30	4.46	4.20	4.32	3.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	1107.66	1086.32	1092.37	1095.45	1.00	ppb
Zirconium	90-1	0.45	0.46	0.52	0.48	7.96	ppb
Zirconium	91-1	0.41	0.39	0.41	0.40	2.73	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:03:12	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11789.32	11401.94	11394.83	11528.70	1.96	ppb
Antimony	121-1	495.16	495.48	498.42	496.35	0.36	ppb
Arsenic	75-2	551.33	541.89	527.28	540.16	2.24	ppb
Barium	135-1	2723.61	2720.58	2724.43	2722.88	0.07	ppb
Barium	137-1	2691.80	2702.16	2724.14	2706.03	0.61	ppb
Beryllium	9-1	500.82	498.77	503.34	500.98	0.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	176.88	181.82	188.47	182.39	3.19	ppb
Boron	11-1	164.17	167.90	175.70	169.26	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	530.18	532.47	532.66	531.77	0.26	ppb
Cadmium	106-1	530.98	529.42	543.59	534.66	1.45	ppb
Cadmium	108-1	513.11	519.05	519.57	517.24	0.69	ppb
Calcium	43-1	69502.34	70304.77	68800.89	69536.00	1.08	ppb
Calcium	44-1	67906.48	70260.30	68439.64	68868.81	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	533.78	510.58	516.93	520.43	2.30	ppb
Cobalt	59-2	543.24	510.93	496.72	516.96	4.61	ppb
Copper	63-2	5322.62	5143.91	5281.87	5249.46	1.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	31446.02	30104.43	30405.94	30652.13	2.30	ppb
Iron	56-2	30401.01	28751.43	29616.15	29589.53	2.79	ppb
Iron	57-2	30308.16	28612.75	28597.60	29172.84	3.37	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:03:12	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2393.00	2410.19	2406.03	2403.08	0.37	ppb
Lead	207-1	2306.28	2378.69	2298.84	2327.94	1.90	ppb
Lead	208-1	2349.09	2428.36	2344.28	2373.91	1.99	ppb
Lithium	6-1				106		%
Magnesium	24-2	59908.47	57230.15	59272.12	58803.58	2.38	ppb
Manganese	55-2	5458.43	5274.21	5293.75	5342.13	1.89	ppb
Molybdenum	94-1	2544.49	2598.20	2485.20	2542.63	2.22	ppb
Molybdenum	95-1	2027.24	2068.45	1985.47	2027.05	2.05	ppb
Molybdenum	96-1	2035.97	2130.70	2082.02	2082.90	2.27	ppb
Molybdenum	97-1	1976.89	2076.70	1982.37	2011.99	2.79	ppb
Molybdenum	98-1	1989.73	2054.12	1954.79	1999.55	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.23	515.40	523.01	525.55	2.21	ppb
Phosphorus	31-2	177.81	185.50	151.80	171.70	10.29	ppb
Potassium	39-2	29383.92	28891.31	28453.61	28909.62	1.61	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	515.95	527.95	512.98	518.96	1.53	ppb
Selenium	77-2	566.19	542.04	515.56	541.26	4.68	ppb
Selenium	78-2	541.29	533.75	503.16	526.07	3.84	ppb
Silicon	28-1	657.36	692.29	661.29	670.31	2.85	ppb
Silver	107-1	584.65	511.30	642.88	579.61	11.38	ppb
Silver	109-1	662.40	476.97	483.48	540.95	19.45	ppb
Sodium	23-2	57773.30	55117.67	57984.73	56958.56	2.81	ppb
Strontium	86-1	764.66	763.90	774.23	767.60	0.75	ppb
Strontium	88-1	759.29	764.39	749.39	757.69	1.01	ppb
Sulfur	34-1	604.72	963.00	327.65	631.79	50.42	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	497.87	499.27	502.61	499.92	0.49	ppb
Thallium	205-1	487.42	502.73	502.03	497.39	1.74	ppb
Tin	118-1	496.31	517.49	515.02	509.61	2.27	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:03:12	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2033.89	2107.14	1991.35	2044.13	2.87	ppb
Uranium	238-1	487.77	512.90	492.28	497.65	2.69	ppb
Vanadium	51-2	538.37	515.49	511.29	521.72	2.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	5166.23	4953.38	4995.93	5038.52	2.24	ppb
Zirconium	90-1	504.35	493.63	488.88	495.62	1.60	ppb
Zirconium	91-1	483.02	489.74	475.37	482.71	1.49	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:06:08	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52950.42	49867.88	51690.15	51502.82	3.01	ppb
Antimony	121-1	500.80	492.60	482.05	491.81	1.91	ppb
Arsenic	75-2	500.35	497.88	490.93	496.39	0.98	ppb
Barium	135-1	2566.46	2550.11	2456.20	2524.26	2.36	ppb
Barium	137-1	2565.59	2542.52	2436.58	2514.90	2.74	ppb
Beryllium	9-1	493.41	487.46	497.06	492.65	0.98	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	532.09	534.95	535.85	534.30	0.37	ppb
Boron	11-1	503.29	493.34	496.72	497.78	1.02	ppb
Bromine	81-1						cps
Cadmium	111-1	470.23	465.48	457.61	464.44	1.37	ppb
Cadmium	106-1	484.72	477.75	484.00	482.16	0.79	ppb
Cadmium	108-1	482.99	473.34	475.95	477.43	1.04	ppb
Calcium	43-1	256640.37	253977.24	253801.41	254806.34	0.62	ppb
Calcium	44-1	249056.64	251782.59	248564.96	249801.40	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.43	477.86	480.95	490.41	3.90	ppb
Cobalt	59-2	494.39	476.35	480.96	483.90	1.94	ppb
Copper	63-2	5088.73	4919.04	4953.19	4986.99	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	135466.14	123698.22	121560.06	126908.14	5.90	ppb
Iron	56-2	132659.69	121700.69	126010.00	126790.13	4.35	ppb
Iron	57-2	130904.99	128566.31	127048.56	128839.95	1.51	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:06:08	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2588.22	2577.63	2560.64	2575.50	0.54	ppb
Lead	207-1	2562.43	2588.46	2466.51	2539.13	2.53	ppb
Lead	208-1	2584.80	2569.01	2515.55	2556.46	1.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	265598.83	244181.81	251150.55	253643.73	4.31	ppb
Manganese	55-2	5151.24	4757.96	4829.36	4912.85	4.26	ppb
Molybdenum	94-1	4891.66	4893.13	5115.82	4966.87	2.60	ppb
Molybdenum	95-1	4892.07	4885.50	5071.24	4949.60	2.13	ppb
Molybdenum	96-1	5005.77	4991.99	5156.99	5051.58	1.81	ppb
Molybdenum	97-1	4890.96	4998.98	5100.67	4996.87	2.10	ppb
Molybdenum	98-1	4878.08	5063.49	4939.88	4960.48	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.76	483.24	487.62	493.87	2.99	ppb
Phosphorus	31-2	10516.29	9684.60	9641.32	9947.40	4.96	ppb
Potassium	39-2	124624.28	121796.72	120962.81	122461.27	1.57	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	479.34	488.91	493.10	487.12	1.45	ppb
Selenium	77-2	478.64	488.40	491.48	486.17	1.38	ppb
Selenium	78-2	499.93	502.18	506.51	502.87	0.67	ppb
Silicon	28-1	514.79	522.92	520.42	519.38	0.80	ppb
Silver	107-1	489.59	462.92	474.23	475.58	2.81	ppb
Silver	109-1	486.51	484.77	468.33	479.87	2.09	ppb
Sodium	23-2	264075.56	241103.14	255210.20	253462.97	4.57	ppb
Strontium	86-1	12265.25	12371.12	12769.32	12468.56	2.13	ppb
Strontium	88-1	12043.55	12161.42	12728.31	12311.09	2.97	ppb
Sulfur	34-1	11845.77	12245.74	11972.81	12021.44	1.70	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	514.39	520.35	525.12	519.95	1.03	ppb
Thallium	205-1	531.26	529.99	512.73	524.66	1.97	ppb
Tin	118-1	510.92	511.93	498.77	507.21	1.44	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:06:08	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5022.02	5196.13	5009.37	5075.84	2.06	ppb
Uranium	238-1	524.19	544.44	525.04	531.23	2.16	ppb
Vanadium	51-2	516.12	494.92	501.39	504.14	2.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	4856.97	4602.23	4708.68	4722.63	2.71	ppb
Zirconium	90-1	498.61	509.21	504.63	504.15	1.05	ppb
Zirconium	91-1	482.52	488.17	500.52	490.40	1.88	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:20:20	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	1.20	1.17	0.91	51.41	ppb
Antimony	121-1	0.08	0.07	0.10	0.08	19.07	ppb
Arsenic	75-2	0.01	-0.02	0.02	0.00	494.65	ppb
Barium	135-1	0.02	0.02	0.04	0.03	34.67	ppb
Barium	137-1	0.00	0.02	0.05	0.02	120.12	ppb
Beryllium	9-1	0.04	0.04	0.03	0.03	9.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	6.64	6.74	6.61	6.66	1.03	ppb
Boron	11-1	6.70	6.82	6.73	6.75	0.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	-0.04	0.01	0.00	4786.80	ppb
Cadmium	106-1	0.26	-0.70	-0.28	-0.24		ppb
Cadmium	108-1	0.13	-0.04	-0.04	0.02	639.18	ppb
Calcium	43-1	0.86	1.45	2.84	1.72	59.43	ppb
Calcium	44-1	1.18	1.48	4.09	2.25	70.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.01	0.02	82.41	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.15	0.12	0.21	0.16	30.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	-0.19	1.89	1.82	1.18	100.39	ppb
Iron	56-2	0.83	1.48	1.76	1.36	34.88	ppb
Iron	57-2	2.03	1.16	2.61	1.94	37.74	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:20:20	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.02	0.03	37.14	ppb
Lead	207-1	0.02	0.05	0.04	0.04	30.78	ppb
Lead	208-1	0.02	0.04	0.05	0.04	47.92	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.39	3.17	2.33	1.96	72.79	ppb
Manganese	55-2	0.08	0.11	0.12	0.10	22.43	ppb
Molybdenum	94-1	0.08	0.06	0.11	0.08	27.28	ppb
Molybdenum	95-1	0.11	0.13	0.15	0.13	17.23	ppb
Molybdenum	96-1	0.05	0.08	0.07	0.07	25.88	ppb
Molybdenum	97-1	0.06	0.11	0.13	0.10	36.66	ppb
Molybdenum	98-1	0.05	0.10	0.07	0.07	31.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-8.89	1.10	-24.18	-10.66		ppb
Potassium	39-2	12.33	15.08	9.43	12.28	23.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-0.13	-0.18	-0.38	-0.23		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.25	2.04	0.77	1.35	47.41	ppb
Silicon	28-1	0.06	-0.31	-0.23	-0.16		ppb
Silver	107-1	0.21	0.15	0.08	0.15	44.30	ppb
Silver	109-1	0.21	0.14	0.10	0.15	39.17	ppb
Sodium	23-2	19.19	22.10	21.76	21.02	7.56	ppb
Strontium	86-1	0.02	0.09	0.19	0.10	87.18	ppb
Strontium	88-1	0.03	0.07	0.12	0.08	56.86	ppb
Sulfur	34-1	-191.26	-532.13	-429.27	-384.22		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.07	0.06	0.06	23.15	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	4.28	ppb
Tin	118-1	0.03	0.00	0.03	0.02	70.91	ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:20:20	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.15	0.02	0.07	93.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	68.02	ppb
Vanadium	51-2	0.00	0.03	0.00	0.01	159.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.03	0.16	0.21	0.13	71.76	ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	209.57	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 13:54:12	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66	60	69	65	6.93	cps
Antimony	121-1	0	25	50	25	100.00	cps
Arsenic	75-2	3	4	7	5	44.61	cps
Barium	135-1	25	50	42	39	32.73	cps
Barium	137-1	33	42	75	50	44.10	cps
Beryllium	9-1	31	49	40	40	21.86	cps
Bismuth	209-1	5609792	5691957	5733177	5678309	1.11	cps
Bismuth	209-2	2890025	3025954	3062893	2992957	3.04	cps
Boron	10-1	264	282	278	275	3.44	cps
Boron	11-1	1210	1242	1142	1198	4.26	cps
Bromine	81-1	55145	53519	57237	55300	3.37	cps
Cadmium	111-1	2878	2494	2568	2647	7.71	cps
Cadmium	106-1	4109	3576	3692	3792	7.40	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	129	115	105	116	10.26	cps
Calcium	44-1	8005	7948	8040	7998	0.58	cps
Carbon	12-1	4588368	4523969	4553211	4555183	0.71	cps
Carbon	12-2	55647	57697	56677	56674	1.81	cps
Chlorine	35-1	112350	116096	115114	114520	1.70	cps
Chlorine	35-2	833	850	867	850	1.96	cps
Chromium	52-2	513	467	473	484	5.21	cps
Cobalt	59-2	87	73	83	81	8.56	cps
Copper	63-2	480	557	440	492	12.04	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	27	43	33	34	24.35	cps
Gadolinium	160-1	50	58	50	53	9.11	cps
Gadolinium	160-2	173	143	133	150	13.88	cps
Holmium	165-1	9197833	8825351	8897485	8973556	2.20	cps
Holmium	165-2	4139118	4007231	4088137	4078162	1.63	cps
Indium	115-1	7229505	7217168	7382542	7276405	1.27	cps
Indium	115-2	1161825	1177055	1143443	1160774	1.45	cps
Iron	54-2	606	661	617	628	4.68	cps
Iron	56-2	3117	3162	2917	3065	4.25	cps
Iron	57-2	156	133	156	148	8.66	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 13:54:12	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	349	334	307	330	6.33	cps
Lead	206-1	572	733	717	674	13.14	cps
Lead	207-1	561	528	550	546	3.11	cps
Lead	208-1	2461	2678	2506	2548	4.49	cps
Lithium	6-1	4158441	4159255	4367663	4228453	2.85	cps
Magnesium	24-2	758	833	983	858	13.35	cps
Manganese	55-2	67	40	57	54	24.75	cps
Molybdenum	94-1	142	133	67	114	36.09	cps
Molybdenum	95-1	17	17	33	22	43.28	cps
Molybdenum	96-1	233	150	167	183	24.05	cps
Molybdenum	97-1	8	17	0	8	100.02	cps
Molybdenum	98-1	33	67	50	50	33.34	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	43	43	30	39	19.79	cps
Phosphorus	31-2	133	83	75	97	32.45	cps
Potassium	39-2	20023	20281	20256	20187	0.71	cps
Rhodium	103-1	6933363	6934784	6714984	6861044	1.84	cps
Rhodium	103-2	3036964	3163159	3011708	3070610	2.64	cps
Scandium	45-1	5230961	5132045	5292897	5218634	1.55	cps
Scandium	45-2	170666	167347	171023	169678	1.19	cps
Selenium	82-1	3	43	57	34	83.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	46	48	47	2.49	cps
Silicon	28-1	877383	887280	877470	880711	0.65	cps
Silver	107-1	108	117	117	114	4.22	cps
Silver	109-1	67	50	25	47	44.41	cps
Sodium	23-2	9829	10120	9578	9842	2.76	cps
Strontium	86-1	600	525	450	525	14.29	cps
Strontium	88-1	333	333	150	272	38.88	cps
Sulfur	34-1	334915	338634	334236	335929	0.70	cps
Terbium	159-1	9240214	9037928	9133505	9137216	1.11	cps
Terbium	159-2	4056583	3959592	3969792	3995322	1.33	cps
Thallium	203-1	117	75	108	100	22.05	cps
Thallium	205-1	208	200	183	197	6.45	cps
Tin	118-1	542	400	475	472	15.01	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 13:54:12	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	208	158	172	18.32	cps
Uranium	238-1	75	33	42	50	44.10	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Ytterbium	172-1	42	83	50	58	37.80	cps
Ytterbium	172-2	44	56	39	46	18.33	cps
Ytterbium	176-1	1267	1392	1358	1339	4.83	cps
Ytterbium	176-2	8747	9164	9103	9005	2.50	cps
Yttrium	89-1	11072460	10744079	11019879	10945473	1.61	cps
Yttrium	89-2	1238740	1277809	1225491	1247347	2.18	cps
Zinc	66-2	190	190	197	192	2.00	cps
Zirconium	90-1	400	517	442	453	13.06	cps
Zirconium	91-1	92	142	42	92	54.54	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:00:32	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1257	1184	1197	1213	3.23	cps
Antimony	121-1	10221	10404	10021	10215	1.88	cps
Arsenic	75-2	169	165	189	174	7.37	cps
Barium	135-1	13749	14199	12539	13496	6.36	cps
Barium	137-1	23955	22344	23438	23246	3.54	cps
Beryllium	9-1	3001	2985	3019	3002	0.56	cps
Bismuth	209-1	5802815	5935112	5948441	5895456	1.37	cps
Bismuth	209-2	2903507	2911076	3125004	2979862	4.22	cps
Boron	10-1	10063	10186	10146	10132	0.61	cps
Boron	11-1	41039	43215	43010	42421	2.83	cps
Bromine	81-1	54965	53044	53801	53937	1.79	cps
Cadmium	111-1	4719	4807	4636	4720	1.81	cps
Cadmium	106-1	4451	4576	4134	4387	5.19	cps
Cadmium	108-1	121	67	154	114	38.77	cps
Calcium	43-1	10538	10415	10234	10395	1.47	cps
Calcium	44-1	175435	175896	173480	174937	0.73	cps
Carbon	12-1	4653735	4673648	4620750	4649377	0.57	cps
Carbon	12-2	58040	57622	57094	57585	0.82	cps
Chlorine	35-1	120323	122205	123129	121886	1.17	cps
Chlorine	35-2	842	742	950	844	12.34	cps
Chromium	52-2	3691	3510	3514	3572	2.88	cps
Cobalt	59-2	2730	2967	2864	2854	4.16	cps
Copper	63-2	4878	4841	4671	4796	2.30	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	75	108	50	78	37.63	cps
Erbium	164-2	27	30	50	36	35.49	cps
Gadolinium	160-1	75	50	125	83	45.83	cps
Gadolinium	160-2	150	143	170	154	8.98	cps
Holmium	165-1	9020229	9148146	9348722	9172365	1.81	cps
Holmium	165-2	4087952	3998069	4175692	4087237	2.17	cps
Indium	115-1	7304804	7458642	7528979	7430808	1.54	cps
Indium	115-2	1163569	1147774	1219217	1176853	3.19	cps
Iron	54-2	4312	4351	4101	4254	3.16	cps
Iron	56-2	68469	68436	66521	67809	1.64	cps
Iron	57-2	1811	1728	1811	1783	2.70	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:00:32	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	337	361	400	366	8.61	cps
Lead	206-1	4990	5129	4812	4977	3.19	cps
Lead	207-1	4201	4451	4579	4410	4.36	cps
Lead	208-1	19678	20379	20262	20106	1.87	cps
Lithium	6-1	4141915	4106577	4214573	4154355	1.33	cps
Magnesium	24-2	75789	74532	74826	75049	0.88	cps
Manganese	55-2	883	930	867	893	3.68	cps
Molybdenum	94-1	11947	12039	11205	11730	3.90	cps
Molybdenum	95-1	15351	15492	14491	15111	3.58	cps
Molybdenum	96-1	16135	16877	16669	16560	2.31	cps
Molybdenum	97-1	9504	9237	8870	9203	3.46	cps
Molybdenum	98-1	23746	22961	23003	23237	1.90	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	757	827	710	764	7.68	cps
Phosphorus	31-2	83	125	217	142	48.15	cps
Potassium	39-2	70841	70230	69191	70087	1.19	cps
Rhodium	103-1	6970539	7013671	7176304	7053505	1.54	cps
Rhodium	103-2	3094443	3000348	3217646	3104146	3.51	cps
Scandium	45-1	5201025	5315324	5288714	5268354	1.14	cps
Scandium	45-2	169955	166349	175222	170509	2.62	cps
Selenium	82-1	689	737	581	669	11.95	cps
Selenium	77-2	10	37	40	29	56.92	cps
Selenium	78-2	137	110	122	123	11.00	cps
Silicon	28-1	911729	918853	898245	909609	1.15	cps
Silver	107-1	8836	8144	7661	8214	7.19	cps
Silver	109-1	8169	7694	7711	7858	3.43	cps
Sodium	23-2	143606	143848	139043	142166	1.90	cps
Strontium	86-1	2717	2400	2659	2592	6.50	cps
Strontium	88-1	17345	17636	16744	17242	2.64	cps
Sulfur	34-1	336323	336612	333655	335530	0.49	cps
Terbium	159-1	9308683	9493797	9722121	9508200	2.18	cps
Terbium	159-2	3988643	3984227	4176330	4049733	2.71	cps
Thallium	203-1	5643	5410	5493	5515	2.14	cps
Thallium	205-1	12832	13549	12682	13021	3.56	cps
Tin	118-1	24731	24932	25483	25048	1.55	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:00:32	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4884	5076	5359	5107	4.68	cps
Uranium	238-1	19165	17888	17312	18122	5.23	cps
Vanadium	51-2	6078	5961	6341	6127	3.18	cps
Ytterbium	172-1	58	25	50	44	39.03	cps
Ytterbium	172-2	28	22	22	24	13.33	cps
Ytterbium	176-1	1475	1567	1433	1492	4.57	cps
Ytterbium	176-2	9126	8842	9404	9124	3.08	cps
Yttrium	89-1	11012478	11097525	11472847	11194283	2.19	cps
Yttrium	89-2	1240045	1204272	1320340	1254886	4.74	cps
Zinc	66-2	817	833	773	808	3.83	cps
Zirconium	90-1	10846	10496	10671	10671	1.64	cps
Zirconium	91-1	2475	2234	2150	2286	7.38	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:03:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59973	59459	57943	59125	1.78	cps
Antimony	121-1	259468	260405	257940	259271	0.48	cps
Arsenic	75-2	7994	7950	7792	7912	1.34	cps
Barium	135-1	345438	354025	340306	346590	2.00	cps
Barium	137-1	605711	601588	598446	601915	0.61	cps
Beryllium	9-1	143199	142088	143686	142991	0.57	cps
Bismuth	209-1	5700870	5680348	5814072	5731763	1.26	cps
Bismuth	209-2	3040462	3065594	3062243	3056100	0.45	cps
Boron	10-1	59546	62678	63106	61777	3.15	cps
Boron	11-1	252301	262500	267657	260820	3.00	cps
Bromine	81-1	51377	52484	54945	52935	3.45	cps
Cadmium	111-1	87893	86911	87077	87294	0.60	cps
Cadmium	106-1	13248	13607	13682	13513	1.72	cps
Cadmium	108-1	6472	6814	6389	6559	3.44	cps
Calcium	43-1	121772	118933	119933	120213	1.20	cps
Calcium	44-1	1890701	1865635	1888311	1881549	0.74	cps
Carbon	12-1	4851048	4967555	4992999	4937201	1.53	cps
Carbon	12-2	62374	62718	61713	62269	0.82	cps
Chlorine	35-1	142396	144046	144222	143555	0.70	cps
Chlorine	35-2	1000	900	992	964	5.76	cps
Chromium	52-2	79191	78635	77043	78290	1.42	cps
Cobalt	59-2	142656	140264	137434	140118	1.87	cps
Copper	63-2	1090266	1103090	1066755	1086704	1.70	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	13	20	10	14	35.26	cps
Erbium	164-1	25	83	133	81	67.31	cps
Erbium	164-2	17	33	50	33	50.00	cps
Gadolinium	160-1	58	67	92	72	24.02	cps
Gadolinium	160-2	160	150	113	141	17.41	cps
Holmium	165-1	9205104	9087136	9370753	9220998	1.55	cps
Holmium	165-2	4340108	4129199	4143884	4204397	2.80	cps
Indium	115-1	7370380	7426892	7354472	7383914	0.52	cps
Indium	115-2	1202758	1200097	1189600	1197485	0.58	cps
Iron	54-2	191971	189735	187584	189763	1.16	cps
Iron	56-2	3438192	3388174	3457246	3427871	1.04	cps
Iron	57-2	85545	84789	83298	84544	1.35	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:03:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	315	332	347	332	4.90	cps
Lead	206-1	1171675	1186009	1151795	1169826	1.47	cps
Lead	207-1	1049272	1061411	1033186	1047956	1.35	cps
Lead	208-1	4913132	4888222	4836163	4879172	0.80	cps
Lithium	6-1	4200978	4186257	4156636	4181290	0.54	cps
Magnesium	24-2	797418	778100	775560	783693	1.53	cps
Manganese	55-2	432485	432399	432937	432607	0.07	cps
Molybdenum	94-1	1039490	1054182	1044882	1046185	0.71	cps
Molybdenum	95-1	1481845	1493898	1529941	1501895	1.67	cps
Molybdenum	96-1	1675769	1614362	1663306	1651146	1.97	cps
Molybdenum	97-1	948024	940338	929869	939410	0.97	cps
Molybdenum	98-1	2461306	2381775	2463759	2435613	1.91	cps
Neodymium	150-1	73	80	53	69	20.15	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	38338	37640	38001	37993	0.92	cps
Phosphorus	31-2	3601	3375	3317	3431	4.36	cps
Potassium	39-2	285100	283901	278037	282346	1.34	cps
Rhodium	103-1	6982554	7066267	6929855	6992892	0.98	cps
Rhodium	103-2	3200843	3203941	3059123	3154636	2.62	cps
Scandium	45-1	5184338	5185068	5224098	5197835	0.44	cps
Scandium	45-2	173766	174457	172810	173678	0.48	cps
Selenium	82-1	6991	6672	6847	6837	2.34	cps
Selenium	77-2	167	197	220	194	13.75	cps
Selenium	78-2	786	709	735	743	5.27	cps
Silicon	28-1	5447187	5469366	5423490	5446681	0.42	cps
Silver	107-1	412869	415578	413491	413980	0.34	cps
Silver	109-1	405563	401011	399927	402167	0.74	cps
Sodium	23-2	1393203	1456095	1391692	1413663	2.60	cps
Strontium	86-1	2525951	2524037	2545660	2531883	0.47	cps
Strontium	88-1	21707208	21126123	21671874	21501735	1.52	cps
Sulfur	34-1	382813	377734	379718	380088	0.67	cps
Terbium	159-1	9590461	9553652	9550189	9564767	0.23	cps
Terbium	159-2	4144468	4060397	3945485	4050116	2.47	cps
Thallium	203-1	272310	273886	282960	276385	2.08	cps
Thallium	205-1	680746	668138	677082	675322	0.96	cps
Tin	118-1	246911	250272	249000	248728	0.68	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:03:41	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	497125	498539	487371	494345	1.23	cps
Uranium	238-1	933885	935697	922166	930583	0.79	cps
Vanadium	51-2	63510	61471	62138	62373	1.67	cps
Ytterbium	172-1	92	50	108	83	36.06	cps
Ytterbium	172-2	17	44	22	28	52.92	cps
Ytterbium	176-1	2967	2842	2800	2870	3.02	cps
Ytterbium	176-2	9759	9576	9437	9591	1.69	cps
Yttrium	89-1	11180319	11215335	11212293	11202649	0.17	cps
Yttrium	89-2	1291381	1266915	1264982	1274426	1.15	cps
Zinc	66-2	139888	139036	137032	138652	1.06	cps
Zirconium	90-1	538251	542025	542732	541003	0.45	cps
Zirconium	91-1	119420	120148	121993	120520	1.10	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:06:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151006	152455	149305	150922	1.04	cps
Antimony	121-1	642254	649863	645138	645752	0.59	cps
Arsenic	75-2	20026	20203	19683	19971	1.33	cps
Barium	135-1	870966	881417	880611	877665	0.66	cps
Barium	137-1	1511585	1510389	1562995	1528323	1.97	cps
Beryllium	9-1	353082	353784	356722	354529	0.54	cps
Bismuth	209-1	5805531	5878081	5952643	5878752	1.25	cps
Bismuth	209-2	3053649	3044660	3063248	3053852	0.30	cps
Boron	10-1	152686	157382	159299	156455	2.17	cps
Boron	11-1	655496	663605	680448	666517	1.91	cps
Bromine	81-1	52393	56000	53377	53923	3.46	cps
Cadmium	111-1	209146	216178	208308	211211	2.05	cps
Cadmium	106-1	26384	28397	27403	27395	3.67	cps
Cadmium	108-1	16464	16414	16393	16424	0.22	cps
Calcium	43-1	300958	300647	294962	298855	1.13	cps
Calcium	44-1	4574558	4688392	4454632	4572528	2.56	cps
Carbon	12-1	5002817	5037941	5108994	5049917	1.07	cps
Carbon	12-2	64676	64743	63445	64288	1.14	cps
Chlorine	35-1	145064	145138	148253	146151	1.25	cps
Chlorine	35-2	1050	1050	1125	1075	4.03	cps
Chromium	52-2	195799	197520	192782	195367	1.23	cps
Cobalt	59-2	352841	350372	350217	351143	0.42	cps
Copper	63-2	2839933	2837153	2823287	2833458	0.31	cps
Dysprosium	156-1	92	33	83	69	45.44	cps
Dysprosium	156-2	30	30	27	29	6.65	cps
Erbium	164-1	117	67	67	83	34.64	cps
Erbium	164-2	17	47	57	40	52.04	cps
Gadolinium	160-1	175	92	108	125	35.28	cps
Gadolinium	160-2	120	143	183	149	21.51	cps
Holmium	165-1	9091205	9220190	9358435	9223277	1.45	cps
Holmium	165-2	4108289	4189028	4195974	4164430	1.17	cps
Indium	115-1	7448751	7320449	7520996	7430065	1.37	cps
Indium	115-2	1176703	1197919	1179966	1184863	0.96	cps
Iron	54-2	478225	482601	467252	476026	1.66	cps
Iron	56-2	8521218	8647195	8504546	8557653	0.91	cps
Iron	57-2	213958	212274	210077	212103	0.92	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:06:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	334	365	310	336	8.20	cps
Lead	206-1	3115746	3151276	3090271	3119098	0.98	cps
Lead	207-1	2747084	2820293	2822749	2796709	1.54	cps
Lead	208-1	12452376	12733131	12661730	12615746	1.16	cps
Lithium	6-1	4331240	4235951	4221845	4263012	1.40	cps
Magnesium	24-2	2038348	2038461	1978077	2018295	1.73	cps
Manganese	55-2	1098605	1106657	1087483	1097582	0.88	cps
Molybdenum	94-1	2679994	2655811	2575379	2637061	2.08	cps
Molybdenum	95-1	3812575	3859762	3734148	3802162	1.67	cps
Molybdenum	96-1	4172747	4243574	4071949	4162757	2.07	cps
Molybdenum	97-1	2334214	2354877	2262908	2317333	2.08	cps
Molybdenum	98-1	6007799	6100179	5850475	5986151	2.11	cps
Neodymium	150-1	147	53	113	104	45.29	cps
Neodymium	150-2	7	23	13	14	58.06	cps
Nickel	60-2	95887	96781	96159	96276	0.48	cps
Phosphorus	31-2	8519	8044	8194	8253	2.94	cps
Potassium	39-2	677910	681781	675799	678497	0.45	cps
Rhodium	103-1	6995151	7110974	6733109	6946411	2.79	cps
Rhodium	103-2	3113416	3039450	3090243	3081036	1.23	cps
Scandium	45-1	5353386	5324840	5161798	5280008	1.96	cps
Scandium	45-2	173157	175886	172926	173990	0.95	cps
Selenium	82-1	16790	17076	16896	16921	0.86	cps
Selenium	77-2	497	530	483	503	4.78	cps
Selenium	78-2	1868	1901	1784	1851	3.26	cps
Silicon	28-1	12302451	12452331	12312667	12355816	0.68	cps
Silver	107-1	1014752	1038285	1030515	1027851	1.17	cps
Silver	109-1	947053	994206	958688	966649	2.54	cps
Sodium	23-2	3583252	3615359	3450885	3549832	2.46	cps
Strontium	86-1	6225663	6225532	6245732	6232309	0.19	cps
Strontium	88-1	53424916	53861770	52847365	53378017	0.95	cps
Sulfur	34-1	437502	442635	433588	437908	1.04	cps
Terbium	159-1	9341013	9493706	9517387	9450702	1.01	cps
Terbium	159-2	4227809	4154815	4055086	4145903	2.09	cps
Thallium	203-1	682462	718117	694297	698292	2.60	cps
Thallium	205-1	1728821	1787404	1714773	1743666	2.21	cps
Tin	118-1	617904	619607	614254	617255	0.44	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:06:50	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1217215	1207700	1203448	1209454	0.58	cps
Uranium	238-1	2441461	2445521	2510210	2465731	1.56	cps
Vanadium	51-2	158154	160867	153834	157619	2.25	cps
Ytterbium	172-1	58	100	83	81	26.04	cps
Ytterbium	172-2	22	39	22	28	34.65	cps
Ytterbium	176-1	4634	4493	4326	4484	3.44	cps
Ytterbium	176-2	10788	10699	10510	10666	1.33	cps
Yttrium	89-1	11237046	11132574	11082181	11150600	0.71	cps
Yttrium	89-2	1281570	1276527	1250737	1269611	1.30	cps
Zinc	66-2	350393	354418	347269	350693	1.02	cps
Zirconium	90-1	1362482	1372206	1360543	1365077	0.46	cps
Zirconium	91-1	303670	303045	296762	301159	1.27	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:09:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300669	296371	291957	296332	1.47	cps
Antimony	121-1	1320117	1309909	1311258	1313761	0.42	cps
Arsenic	75-2	39561	39462	38431	39151	1.60	cps
Barium	135-1	1859770	1841842	1790544	1830719	1.96	cps
Barium	137-1	3130607	3114968	3128053	3124543	0.27	cps
Beryllium	9-1	707161	710333	690237	702577	1.54	cps
Bismuth	209-1	5836490	5910486	6055487	5934154	1.88	cps
Bismuth	209-2	3049174	3148342	3064983	3087500	1.73	cps
Boron	10-1	306765	319525	325584	317292	3.03	cps
Boron	11-1	1186942	1239725	1208688	1211785	2.19	cps
Bromine	81-1	54412	55307	54784	54834	0.82	cps
Cadmium	111-1	416378	426114	422323	421605	1.16	cps
Cadmium	106-1	50652	50669	50451	50591	0.24	cps
Cadmium	108-1	32635	32484	33378	32832	1.46	cps
Calcium	43-1	606221	618311	605882	610138	1.16	cps
Calcium	44-1	9363091	9450920	9229048	9347686	1.20	cps
Carbon	12-1	5288298	5291942	5356837	5312359	0.73	cps
Carbon	12-2	68066	68535	67246	67949	0.96	cps
Chlorine	35-1	134950	139417	137725	137364	1.64	cps
Chlorine	35-2	1000	975	1017	997	2.10	cps
Chromium	52-2	396544	387270	379581	387799	2.19	cps
Cobalt	59-2	704489	695780	688571	696280	1.14	cps
Copper	63-2	5648173	5568262	5455617	5557351	1.74	cps
Dysprosium	156-1	100	142	100	114	21.12	cps
Dysprosium	156-2	40	27	53	40	33.33	cps
Erbium	164-1	67	125	50	81	48.89	cps
Erbium	164-2	40	60	50	50	20.00	cps
Gadolinium	160-1	125	217	158	167	27.84	cps
Gadolinium	160-2	153	157	167	159	4.37	cps
Holmium	165-1	9494871	9497856	9237717	9410148	1.59	cps
Holmium	165-2	4332387	4251813	4245662	4276621	1.13	cps
Indium	115-1	7547984	7578760	7519027	7548590	0.40	cps
Indium	115-2	1189144	1190508	1188002	1189218	0.11	cps
Iron	54-2	961802	919252	919891	933648	2.61	cps
Iron	56-2	17667978	17458187	16874375	17333513	2.37	cps
Iron	57-2	428129	414871	414440	419147	1.86	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:09:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	312	329	331	324	3.14	cps
Lead	206-1	6252695	6399466	6391875	6348012	1.30	cps
Lead	207-1	5688724	5544762	5598873	5610786	1.30	cps
Lead	208-1	25480245	25319890	25612087	25470740	0.57	cps
Lithium	6-1	4149521	4201855	4149135	4166837	0.73	cps
Magnesium	24-2	3934189	3853534	3895844	3894522	1.04	cps
Manganese	55-2	2270629	2201500	2153039	2208389	2.68	cps
Molybdenum	94-1	5274361	5339692	5240334	5284796	0.96	cps
Molybdenum	95-1	7696132	7730947	7551685	7659588	1.24	cps
Molybdenum	96-1	8276270	8301493	8189404	8255722	0.71	cps
Molybdenum	97-1	4640402	4853855	4530490	4674916	3.52	cps
Molybdenum	98-1	12125831	12339944	12113014	12192930	1.05	cps
Neodymium	150-1	220	313	213	249	22.46	cps
Neodymium	150-2	30	17	13	20	44.10	cps
Nickel	60-2	187426	187692	184907	186675	0.82	cps
Phosphorus	31-2	16526	15968	16693	16396	2.32	cps
Potassium	39-2	1362921	1337916	1319608	1340149	1.62	cps
Rhodium	103-1	6989247	7110289	6930197	7009911	1.31	cps
Rhodium	103-2	3041707	3097471	3094391	3077857	1.02	cps
Scandium	45-1	5305696	5336151	5230189	5290679	1.03	cps
Scandium	45-2	175270	175797	174567	175211	0.35	cps
Selenium	82-1	34460	34475	33292	34076	1.99	cps
Selenium	77-2	1103	1090	1000	1065	5.28	cps
Selenium	78-2	3520	3477	3568	3521	1.29	cps
Silicon	28-1	24149750	24112572	23425634	23895985	1.71	cps
Silver	107-1	2110152	2091814	2098811	2100259	0.44	cps
Silver	109-1	2016806	1965928	1945105	1975946	1.87	cps
Sodium	23-2	7119798	6870246	6810262	6933435	2.37	cps
Strontium	86-1	12778856	12711910	12568680	12686482	0.85	cps
Strontium	88-1	109624157	112358986	108457332	110146825	1.82	cps
Sulfur	34-1	547757	542078	542400	544078	0.59	cps
Terbium	159-1	9542229	9701087	9696409	9646575	0.94	cps
Terbium	159-2	4069502	4124668	4264799	4152990	2.42	cps
Thallium	203-1	1446634	1460016	1422588	1443079	1.31	cps
Thallium	205-1	3541200	3635789	3496426	3557805	2.00	cps
Tin	118-1	1261313	1277623	1266712	1268550	0.65	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:09:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2448862	2418217	2473499	2446859	1.13	cps
Uranium	238-1	4968377	4932178	4868369	4922975	1.03	cps
Vanadium	51-2	315870	311252	309377	312166	1.07	cps
Ytterbium	172-1	158	83	108	117	32.73	cps
Ytterbium	172-2	56	50	50	52	6.19	cps
Ytterbium	176-1	8003	7878	7586	7822	2.74	cps
Ytterbium	176-2	11511	11883	11922	11772	1.93	cps
Yttrium	89-1	11425265	11600755	11208214	11411411	1.72	cps
Yttrium	89-2	1279981	1274755	1275669	1276802	0.22	cps
Zinc	66-2	693482	675754	677470	682235	1.43	cps
Zirconium	90-1	2719566	2768995	2717634	2735399	1.06	cps
Zirconium	91-1	602163	617843	602744	607583	1.46	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:13:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600009	584167	582769	588982	1.63	cps
Antimony	121-1	2595684	2595089	2608792	2599855	0.30	cps
Arsenic	75-2	80271	77312	77365	78316	2.16	cps
Barium	135-1	3612921	3617935	3559725	3596860	0.90	cps
Barium	137-1	6278743	6122316	6194494	6198518	1.26	cps
Beryllium	9-1	1366591	1366142	1361890	1364874	0.19	cps
Bismuth	209-1	5858458	5750630	5797635	5802241	0.93	cps
Bismuth	209-2	2992208	3009751	2961498	2987819	0.82	cps
Boron	10-1	622377	625065	640000	629147	1.51	cps
Boron	11-1	2396068	2359929	2499630	2418543	3.00	cps
Bromine	81-1	53126	53800	49649	52192	4.27	cps
Cadmium	111-1	810847	829789	814146	818261	1.24	cps
Cadmium	106-1	92871	95497	96203	94857	1.85	cps
Cadmium	108-1	65455	65794	63533	64927	1.88	cps
Calcium	43-1	1295200	1223278	1260921	1259800	2.86	cps
Calcium	44-1	18747871	18354473	17972611	18358318	2.11	cps
Carbon	12-1	5721131	5868280	5839851	5809754	1.34	cps
Carbon	12-2	76063	73835	73593	74497	1.83	cps
Chlorine	35-1	132376	132242	133446	132688	0.50	cps
Chlorine	35-2	958	1050	900	970	7.80	cps
Chromium	52-2	784364	767935	764871	772390	1.36	cps
Cobalt	59-2	1475676	1412546	1419170	1435797	2.42	cps
Copper	63-2	11052167	10834989	10568727	10818628	2.24	cps
Dysprosium	156-1	258	233	225	239	7.26	cps
Dysprosium	156-2	80	153	113	116	31.78	cps
Erbium	164-1	117	108	117	114	4.22	cps
Erbium	164-2	77	57	60	64	16.63	cps
Gadolinium	160-1	342	242	275	286	17.80	cps
Gadolinium	160-2	167	240	210	206	17.93	cps
Holmium	165-1	9503680	9665566	9494311	9554519	1.01	cps
Holmium	165-2	4338445	4262084	4172755	4257761	1.95	cps
Indium	115-1	7344862	7415169	7390467	7383499	0.48	cps
Indium	115-2	1173050	1155028	1162402	1163493	0.78	cps
Iron	54-2	2019249	1935165	1905647	1953354	3.02	cps
Iron	56-2	34307248	33602704	33333869	33747940	1.49	cps
Iron	57-2	843743	834469	814084	830765	1.83	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:13:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	341	345	379	355	5.82	cps
Lead	206-1	12652459	12583704	12638390	12624851	0.29	cps
Lead	207-1	10895519	11078187	11270287	11081331	1.69	cps
Lead	208-1	50633807	50217793	50553706	50468436	0.44	cps
Lithium	6-1	4150105	4281796	4215356	4215752	1.56	cps
Magnesium	24-2	7769071	7651754	7689132	7703319	0.78	cps
Manganese	55-2	4534544	4442548	4357535	4444876	1.99	cps
Molybdenum	94-1	10724817	10529559	10264844	10506407	2.20	cps
Molybdenum	95-1	15472109	15491039	14945195	15302781	2.02	cps
Molybdenum	96-1	16667351	17051394	16307559	16675435	2.23	cps
Molybdenum	97-1	9437628	9262269	9364850	9354915	0.94	cps
Molybdenum	98-1	24624171	24168882	24508010	24433688	0.97	cps
Neodymium	150-1	507	527	533	522	2.66	cps
Neodymium	150-2	30	20	23	24	20.83	cps
Nickel	60-2	378375	369029	366689	371364	1.66	cps
Phosphorus	31-2	33782	33564	32220	33189	2.55	cps
Potassium	39-2	2700915	2630189	2604561	2645222	1.89	cps
Rhodium	103-1	6898293	6840203	6762719	6833738	1.00	cps
Rhodium	103-2	3130219	3027775	3038522	3065505	1.84	cps
Scandium	45-1	5461481	5349105	5336222	5382269	1.28	cps
Scandium	45-2	174699	172372	171931	173000	0.86	cps
Selenium	82-1	66472	66366	65992	66277	0.38	cps
Selenium	77-2	1957	2174	2034	2055	5.35	cps
Selenium	78-2	7056	6884	6875	6939	1.47	cps
Silicon	28-1	45931109	46112622	45860298	45968010	0.28	cps
Silver	107-1	4070553	4095827	4028323	4064901	0.84	cps
Silver	109-1	3907650	3879155	3982574	3923126	1.36	cps
Sodium	23-2	14096352	13749918	13623650	13823307	1.77	cps
Strontium	86-1	25042806	25392793	25190665	25208755	0.70	cps
Strontium	88-1	223601013	223812863	212578559	219997479	2.92	cps
Sulfur	34-1	748252	745595	745195	746347	0.22	cps
Terbium	159-1	9551839	9828214	9682665	9687572	1.43	cps
Terbium	159-2	4291259	4164614	4117825	4191233	2.14	cps
Thallium	203-1	2979827	2960789	3009434	2983350	0.82	cps
Thallium	205-1	6855136	7025211	7043431	6974593	1.49	cps
Tin	118-1	2537856	2511219	2498512	2515862	0.80	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:13:05	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4864604	4873128	4791435	4843056	0.93	cps
Uranium	238-1	9701942	9885327	9808872	9798714	0.94	cps
Vanadium	51-2	641408	623417	620220	628348	1.82	cps
Ytterbium	172-1	117	192	108	139	33.04	cps
Ytterbium	172-2	67	78	61	69	12.39	cps
Ytterbium	176-1	14417	13991	14867	14425	3.04	cps
Ytterbium	176-2	14914	15120	14998	15011	0.69	cps
Yttrium	89-1	11540164	11466300	11183116	11396527	1.65	cps
Yttrium	89-2	1294993	1263830	1263718	1274180	1.41	cps
Zinc	66-2	1373584	1329597	1301033	1334738	2.74	cps
Zirconium	90-1	5480263	5445341	5327193	5417599	1.48	cps
Zirconium	91-1	1215675	1224667	1204218	1214853	0.84	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:16:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1233577	1194271	1182843	1203564	2.21	cps
Antimony	121-1	5329941	5231672	5108763	5223459	2.12	cps
Arsenic	75-2	156187	154164	153364	154572	0.94	cps
Barium	135-1	7459915	7180326	7032622	7224288	3.00	cps
Barium	137-1	12616195	12544874	12372423	12511164	1.00	cps
Beryllium	9-1	2649445	2608752	2678244	2645480	1.32	cps
Bismuth	209-1	5623317	5712968	5780905	5705730	1.39	cps
Bismuth	209-2	2947345	2905025	2945354	2932575	0.81	cps
Boron	10-1	1066923	1125696	1153741	1115453	3.97	cps
Boron	11-1	4591225	4791934	4969212	4784124	3.95	cps
Bromine	81-1	54843	54572	55126	54847	0.51	cps
Cadmium	111-1	1607709	1619221	1620381	1615770	0.43	cps
Cadmium	106-1	183793	180185	186552	183510	1.74	cps
Cadmium	108-1	123322	125763	124617	124568	0.98	cps
Calcium	43-1	2464574	2483666	2519448	2489229	1.12	cps
Calcium	44-1	36806759	36815474	37617967	37080067	1.26	cps
Carbon	12-1	5994239	6199215	6323596	6172350	2.69	cps
Carbon	12-2	78643	79414	80034	79364	0.88	cps
Chlorine	35-1	137625	138744	138828	138399	0.49	cps
Chlorine	35-2	1042	858	925	942	9.85	cps
Chromium	52-2	1620088	1557124	1565973	1581062	2.16	cps
Cobalt	59-2	2914302	2813094	2809840	2845745	2.09	cps
Copper	63-2	20932959	21151909	20980412	21021760	0.55	cps
Dysprosium	156-1	458	617	367	481	26.32	cps
Dysprosium	156-2	180	170	183	178	3.90	cps
Erbium	164-1	233	183	158	192	19.92	cps
Erbium	164-2	87	83	87	86	2.25	cps
Gadolinium	160-1	350	350	408	369	9.12	cps
Gadolinium	160-2	300	310	247	286	11.92	cps
Holmium	165-1	9401176	9096578	9411378	9303044	1.92	cps
Holmium	165-2	4118430	4316132	4254713	4229758	2.39	cps
Indium	115-1	7152139	7238435	7154904	7181826	0.68	cps
Indium	115-2	1132801	1150486	1150617	1144635	0.90	cps
Iron	54-2	3871714	3789851	3802129	3821232	1.16	cps
Iron	56-2	69879964	66066449	68340878	68095764	2.82	cps
Iron	57-2	1755625	1683676	1722277	1720526	2.09	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:16:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	344	389	366	366	6.14	cps
Lead	206-1	24533130	24170537	25247748	24650472	2.22	cps
Lead	207-1	21952820	22095917	22385924	22144887	1.00	cps
Lead	208-1	99082699	100308927	101269582	100220403	1.09	cps
Lithium	6-1	4016546	4118638	4207332	4114172	2.32	cps
Magnesium	24-2	15632767	15143516	14822805	15199696	2.68	cps
Manganese	55-2	9023319	8709413	8767016	8833249	1.89	cps
Molybdenum	94-1	21635255	21834224	21422648	21630709	0.95	cps
Molybdenum	95-1	30614982	30596035	31017231	30742749	0.77	cps
Molybdenum	96-1	33953551	32869155	33484554	33435753	1.63	cps
Molybdenum	97-1	18820244	18839755	19334573	18998191	1.53	cps
Molybdenum	98-1	49184584	48803352	50451218	49479718	1.74	cps
Neodymium	150-1	873	947	813	878	7.61	cps
Neodymium	150-2	77	97	107	93	16.37	cps
Nickel	60-2	734556	722136	716806	724499	1.26	cps
Phosphorus	31-2	67441	66511	63933	65962	2.75	cps
Potassium	39-2	5291570	5136524	5232835	5220309	1.50	cps
Rhodium	103-1	6613727	6578777	6942657	6711720	2.99	cps
Rhodium	103-2	3008977	2937933	2991177	2979362	1.24	cps
Scandium	45-1	5361891	5299914	5390241	5350682	0.86	cps
Scandium	45-2	171979	170696	172539	171738	0.55	cps
Selenium	82-1	129228	129764	128581	129191	0.46	cps
Selenium	77-2	3951	4031	3697	3893	4.47	cps
Selenium	78-2	13654	13234	13178	13355	1.95	cps
Silicon	28-1	88227652	88397744	89638658	88754685	0.87	cps
Silver	107-1	8039167	7968999	8051660	8019942	0.56	cps
Silver	109-1	7455601	7563970	7593129	7537566	0.96	cps
Sodium	23-2	28433163	27381308	27275403	27696625	2.31	cps
Strontium	86-1	51903100	51417143	51200132	51506792	0.70	cps
Strontium	88-1	454514893	441435643	444109077	446686538	1.55	cps
Sulfur	34-1	936966	976506	963414	958962	2.10	cps
Terbium	159-1	9496082	9526762	10130682	9717842	3.68	cps
Terbium	159-2	4146512	4158008	4121931	4142150	0.44	cps
Thallium	203-1	6009473	5808852	5741324	5853216	2.38	cps
Thallium	205-1	14024193	13635818	13827141	13829051	1.40	cps
Tin	118-1	5166126	4885933	4904634	4985565	3.14	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:16:11	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9591407	9559236	9869140	9673261	1.76	cps
Uranium	238-1	19390920	19725047	19718518	19611495	0.97	cps
Vanadium	51-2	1274753	1228289	1252506	1251849	1.86	cps
Ytterbium	172-1	267	217	217	233	12.37	cps
Ytterbium	172-2	94	133	83	104	25.32	cps
Ytterbium	176-1	27062	26903	26134	26700	1.86	cps
Ytterbium	176-2	19671	19632	19659	19654	0.10	cps
Yttrium	89-1	11176027	11301600	11430002	11302543	1.12	cps
Yttrium	89-2	1256675	1264083	1275640	1265466	0.76	cps
Zinc	66-2	2682853	2607960	2580552	2623788	2.02	cps
Zirconium	90-1	11059225	11257779	10992707	11103237	1.24	cps
Zirconium	91-1	2476398	2512726	2577251	2522125	2.03	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:19:20	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5618640	5566512	5423309	5536154	1.83	cps
Antimony	121-1	3067	3784	4693	3848	21.17	cps
Arsenic	75-2	57	48	57	54	9.62	cps
Barium	135-1	4618	4601	4359	4526	3.20	cps
Barium	137-1	7736	8353	7611	7900	5.03	cps
Beryllium	9-1	696	647	684	676	3.75	cps
Bismuth	209-1	4918538	4918069	5064614	4967074	1.70	cps
Bismuth	209-2	2593585	2661589	2590175	2615116	1.54	cps
Boron	10-1	70394	64500	60815	65236	7.41	cps
Boron	11-1	300385	270746	252780	274637	8.75	cps
Bromine	81-1	52302	52945	52775	52674	0.63	cps
Cadmium	111-1	2967	3579	3097	3214	10.04	cps
Cadmium	106-1	3501	4342	3651	3831	11.72	cps
Cadmium	108-1	54	75	96	75	27.77	cps
Calcium	43-1	10043366	9942220	10043143	10009576	0.58	cps
Calcium	44-1	162043820	159621218	161766899	161143979	0.82	cps
Carbon	12-1	5413070	5471856	5574551	5486492	1.49	cps
Carbon	12-2	75503	77135	74522	75720	1.74	cps
Chlorine	35-1	156263	154923	157575	156254	0.85	cps
Chlorine	35-2	892	1067	1242	1067	16.41	cps
Chromium	52-2	14471	14467	14177	14372	1.17	cps
Cobalt	59-2	2580	2577	2517	2558	1.39	cps
Copper	63-2	7679	8046	7175	7633	5.73	cps
Dysprosium	156-1	1192	1292	1092	1192	8.39	cps
Dysprosium	156-2	560	497	540	532	6.08	cps
Erbium	164-1	92	100	117	103	12.39	cps
Erbium	164-2	37	77	47	53	39.03	cps
Gadolinium	160-1	1233	1483	1350	1356	9.23	cps
Gadolinium	160-2	800	783	723	769	5.24	cps
Holmium	165-1	9130655	8941601	9050924	9041060	1.05	cps
Holmium	165-2	4160804	4026995	4079418	4089072	1.65	cps
Indium	115-1	6916048	6773250	6865726	6851675	1.06	cps
Indium	115-2	1111297	1101110	1107124	1106510	0.46	cps
Iron	54-2	17225797	17679550	17116321	17340556	1.72	cps
Iron	56-2	312387407	312883485	314633496	313301463	0.38	cps
Iron	57-2	7988866	7730866	7746162	7821965	1.85	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:19:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	391	360	379	377	4.18	cps
Lead	206-1	6663	7135	6607	6802	4.27	cps
Lead	207-1	5890	5779	5868	5846	1.01	cps
Lead	208-1	26594	27618	27340	27184	1.95	cps
Lithium	6-1	3853826	3888778	3800177	3847594	1.16	cps
Magnesium	24-2	73156666	72428243	71666552	72417154	1.03	cps
Manganese	55-2	9000	9393	9163	9185	2.15	cps
Molybdenum	94-1	6810	7127	7044	6994	2.35	cps
Molybdenum	95-1	8503	9921	9704	9376	8.15	cps
Molybdenum	96-1	24389	24623	23621	24211	2.17	cps
Molybdenum	97-1	5826	5801	5860	5829	0.50	cps
Molybdenum	98-1	14425	14500	14208	14378	1.06	cps
Neodymium	150-1	60	73	40	58	29.04	cps
Neodymium	150-2	27	13	23	21	32.88	cps
Nickel	60-2	2530	2407	2270	2402	5.41	cps
Phosphorus	31-2	125	117	167	136	19.68	cps
Potassium	39-2	25973652	25950479	25759474	25894535	0.45	cps
Rhodium	103-1	5949363	6013358	6087281	6016667	1.15	cps
Rhodium	103-2	2627696	2816621	2737036	2727118	3.48	cps
Scandium	45-1	5304054	5017297	5283156	5201502	3.07	cps
Scandium	45-2	167889	168606	170121	168872	0.67	cps
Selenium	82-1	191	209	239	213	11.28	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	70	58	69	66	10.14	cps
Silicon	28-1	1193465	1187420	1197315	1192733	0.42	cps
Silver	107-1	3542	3492	3692	3576	2.91	cps
Silver	109-1	3309	3484	3551	3448	3.62	cps
Sodium	23-2	131343074	133809915	131136420	132096470	1.13	cps
Strontium	86-1	14775	15376	15334	15162	2.21	cps
Strontium	88-1	124260	132192	132925	129792	3.70	cps
Sulfur	34-1	293148	292687	296617	294151	0.73	cps
Terbium	159-1	9171456	9170241	9241121	9194273	0.44	cps
Terbium	159-2	4036144	3934390	4002421	3990985	1.30	cps
Thallium	203-1	1558	1775	1592	1642	7.11	cps
Thallium	205-1	3742	4084	3776	3867	4.87	cps
Tin	118-1	5868	5776	6427	6024	5.84	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:19:20	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2042	2084	2442	2189	10.05	cps
Uranium	238-1	1425	1675	1842	1647	12.73	cps
Vanadium	51-2	353	457	393	401	12.99	cps
Ytterbium	172-1	458	392	575	475	19.54	cps
Ytterbium	172-2	256	261	261	259	1.24	cps
Ytterbium	176-1	1784	1909	1583	1759	9.32	cps
Ytterbium	176-2	8898	8920	9670	9163	4.80	cps
Yttrium	89-1	10793798	10707797	11038399	10846665	1.58	cps
Yttrium	89-2	1246558	1259838	1219064	1241820	1.67	cps
Zinc	66-2	3000	3180	3047	3076	3.04	cps
Zirconium	90-1	3117	3209	3142	3156	1.50	cps
Zirconium	91-1	642	750	775	722	9.81	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:34:53	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31223	31558	30300	31027	2.10	cps
Antimony	121-1	1084935	1080544	1079222	1081567	0.28	cps
Arsenic	75-2	34612	34880	34179	34557	1.02	cps
Barium	135-1	145631	141460	143161	143418	1.46	cps
Barium	137-1	256530	249005	254729	253421	1.55	cps
Beryllium	9-1	295498	292374	292370	293414	0.62	cps
Bismuth	209-1	5877827	5996326	5780123	5884759	1.84	cps
Bismuth	209-2	3112527	3138250	3073340	3108039	1.05	cps
Boron	10-1	10168	10100	10184	10150	0.44	cps
Boron	11-1	42934	42748	43102	42928	0.41	cps
Bromine	81-1	58151	58282	58975	58470	0.76	cps
Cadmium	111-1	174963	176957	174772	175564	0.69	cps
Cadmium	106-1	19606	20307	19757	19890	1.86	cps
Cadmium	108-1	11542	11463	11371	11459	0.75	cps
Calcium	43-1	43978	43944	43505	43809	0.60	cps
Calcium	44-1	721610	720657	713342	718536	0.63	cps
Carbon	12-1	5236426	5160435	5182154	5193005	0.75	cps
Carbon	12-2	66702	66325	64894	65973	1.45	cps
Chlorine	35-1	171836	170074	172266	171392	0.68	cps
Chlorine	35-2	1400	1275	1100	1258	11.98	cps
Chromium	52-2	172282	169975	168158	170138	1.21	cps
Cobalt	59-2	306173	308110	300821	305035	1.24	cps
Copper	63-2	229534	229726	223385	227548	1.59	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	83	83	125	97	24.74	cps
Erbium	164-2	30	30	43	34	22.34	cps
Gadolinium	160-1	58	67	58	61	7.88	cps
Gadolinium	160-2	97	127	140	121	18.32	cps
Holmium	165-1	9233104	9226267	9502052	9320475	1.69	cps
Holmium	165-2	4162559	4125652	4196620	4161610	0.85	cps
Indium	115-1	7541336	7667562	7586896	7598598	0.84	cps
Indium	115-2	1239163	1213519	1229249	1227310	1.05	cps
Iron	54-2	160442	156528	156605	157858	1.42	cps
Iron	56-2	2878085	2942683	2812908	2877892	2.25	cps
Iron	57-2	71512	70424	67493	69810	2.98	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:34:53	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	362	322	340	342	5.87	cps
Lead	206-1	991196	991995	995678	992956	0.24	cps
Lead	207-1	835384	824244	835541	831723	0.78	cps
Lead	208-1	4110217	4006243	3996369	4037609	1.56	cps
Lithium	6-1	4160038	4293742	4331470	4261750	2.11	cps
Magnesium	24-2	188017	191783	178992	186264	3.53	cps
Manganese	55-2	94595	92575	91401	92857	1.74	cps
Molybdenum	94-1	333	492	350	392	22.21	cps
Molybdenum	95-1	242	325	283	283	14.70	cps
Molybdenum	96-1	642	625	458	575	17.63	cps
Molybdenum	97-1	192	183	150	175	12.60	cps
Molybdenum	98-1	467	442	333	414	17.12	cps
Neodymium	150-1	13	27	33	24	41.66	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	85458	84557	84000	84672	0.87	cps
Phosphorus	31-2	75	125	133	111	28.40	cps
Potassium	39-2	238448	238332	233866	236882	1.10	cps
Rhodium	103-1	6882513	7084239	7139454	7035402	1.92	cps
Rhodium	103-2	3205849	3206024	3270609	3227494	1.16	cps
Scandium	45-1	5176394	5524582	5407364	5369447	3.30	cps
Scandium	45-2	183605	183555	178771	181977	1.53	cps
Selenium	82-1	28606	29026	28733	28788	0.75	cps
Selenium	77-2	873	933	970	926	5.27	cps
Selenium	78-2	3124	3237	3091	3150	2.43	cps
Silicon	28-1	895008	906746	905069	902275	0.70	cps
Silver	107-1	410324	418899	415813	415012	1.05	cps
Silver	109-1	404780	403468	390002	399417	2.05	cps
Sodium	23-2	589084	597920	578148	588384	1.68	cps
Strontium	86-1	1258	1325	1100	1228	9.41	cps
Strontium	88-1	5284	5118	5318	5240	2.05	cps
Sulfur	34-1	324363	325862	325337	325187	0.23	cps
Terbium	159-1	9255681	9578893	9619600	9484725	2.10	cps
Terbium	159-2	4215509	4183757	4151512	4183592	0.76	cps
Thallium	203-1	1212044	1190663	1193447	1198718	0.97	cps
Thallium	205-1	2953705	2950141	2984877	2962908	0.64	cps
Tin	118-1	650	633	783	689	11.94	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICV28	Instrumnet Name :	P8
Client Sample ID :	ICV28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:34:53	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	275	217	236	14.27	cps
Uranium	238-1	67	42	58	56	22.91	cps
Vanadium	51-2	133655	131832	132575	132687	0.69	cps
Ytterbium	172-1	67	92	42	67	37.50	cps
Ytterbium	172-2	17	50	72	46	60.39	cps
Ytterbium	176-1	1283	1292	1450	1342	7.00	cps
Ytterbium	176-2	9454	9359	10010	9607	3.66	cps
Yttrium	89-1	11023070	11748399	11782428	11517966	3.72	cps
Yttrium	89-2	1310362	1316649	1334972	1320661	0.97	cps
Zinc	66-2	57751	57228	57935	57638	0.64	cps
Zirconium	90-1	675	675	492	614	17.24	cps
Zirconium	91-1	267	292	275	278	4.58	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:45:01	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1314	1320	1270	1301	2.09	cps
Antimony	121-1	11155	10254	10763	10724	4.21	cps
Arsenic	75-2	183	184	181	183	0.84	cps
Barium	135-1	14041	13791	13599	13810	1.61	cps
Barium	137-1	24807	25040	23463	24437	3.48	cps
Beryllium	9-1	3082	3114	3089	3095	0.53	cps
Bismuth	209-1	6095847	6177836	5772559	6015414	3.56	cps
Bismuth	209-2	3167009	2903487	3018188	3029561	4.36	cps
Boron	10-1	15601	15535	15573	15570	0.21	cps
Boron	11-1	65034	65205	66914	65718	1.58	cps
Bromine	81-1	61219	59216	56474	58970	4.04	cps
Cadmium	111-1	4511	4307	4348	4389	2.46	cps
Cadmium	106-1	4059	4034	4051	4048	0.31	cps
Cadmium	108-1	150	208	138	165	22.88	cps
Calcium	43-1	11048	10863	10825	10912	1.09	cps
Calcium	44-1	183674	184030	182135	183280	0.55	cps
Carbon	12-1	4921507	4912795	4874426	4902909	0.51	cps
Carbon	12-2	60191	60492	60784	60489	0.49	cps
Chlorine	35-1	134093	133663	136035	134597	0.94	cps
Chlorine	35-2	767	1050	933	917	15.54	cps
Chromium	52-2	3771	3637	3741	3716	1.88	cps
Cobalt	59-2	3154	2870	3007	3010	4.71	cps
Copper	63-2	5128	5308	5268	5234	1.81	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	17	58	58	44	54.12	cps
Erbium	164-2	40	13	37	30	48.44	cps
Gadolinium	160-1	108	33	58	67	57.29	cps
Gadolinium	160-2	110	117	140	122	12.89	cps
Holmium	165-1	9762878	9444659	9317032	9508190	2.41	cps
Holmium	165-2	4307302	3986044	4225547	4172964	4.00	cps
Indium	115-1	7786993	7720442	7633245	7713560	1.00	cps
Indium	115-2	1215007	1145015	1193452	1184491	3.03	cps
Iron	54-2	4679	4473	4473	4542	2.61	cps
Iron	56-2	72104	71613	71886	71868	0.34	cps
Iron	57-2	1972	1822	1889	1895	3.97	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:45:01	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	375	316	335	342	8.77	cps
Lead	206-1	5368	5551	5468	5462	1.68	cps
Lead	207-1	4606	5090	4729	4808	5.23	cps
Lead	208-1	21185	22469	21591	21748	3.02	cps
Lithium	6-1	4299491	4327912	4297863	4308422	0.39	cps
Magnesium	24-2	78914	79860	77917	78897	1.23	cps
Manganese	55-2	1020	1013	970	1001	2.71	cps
Molybdenum	94-1	12806	13057	12664	12842	1.55	cps
Molybdenum	95-1	16076	15134	14692	15301	4.62	cps
Molybdenum	96-1	17670	16911	16418	17000	3.71	cps
Molybdenum	97-1	9879	9887	9478	9748	2.40	cps
Molybdenum	98-1	25416	25549	25182	25382	0.73	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	893	803	887	861	5.82	cps
Phosphorus	31-2	167	250	267	228	23.52	cps
Potassium	39-2	74995	75297	73320	74537	1.43	cps
Rhodium	103-1	7454811	7296560	7261010	7337460	1.41	cps
Rhodium	103-2	3285452	2999071	3119997	3134840	4.59	cps
Scandium	45-1	5645547	5541522	5673251	5620107	1.24	cps
Scandium	45-2	182560	165803	173523	173962	4.82	cps
Selenium	82-1	760	750	720	743	2.80	cps
Selenium	77-2	23	17	27	22	22.91	cps
Selenium	78-2	147	152	120	140	12.33	cps
Silicon	28-1	930777	926764	957362	938301	1.77	cps
Silver	107-1	8469	8478	8720	8556	1.66	cps
Silver	109-1	8194	8219	8495	8303	2.01	cps
Sodium	23-2	152938	154254	151339	152844	0.96	cps
Strontium	86-1	2834	2809	2617	2753	4.31	cps
Strontium	88-1	17770	18780	17420	17990	3.93	cps
Sulfur	34-1	333491	332467	332332	332763	0.19	cps
Terbium	159-1	9832022	9436226	9825748	9697999	2.34	cps
Terbium	159-2	4129905	3944774	4112533	4062404	2.52	cps
Thallium	203-1	5685	5551	5693	5643	1.41	cps
Thallium	205-1	14258	13966	13824	14016	1.58	cps
Tin	118-1	25065	25516	25917	25499	1.67	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:45:01	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5209	4776	5084	5023	4.44	cps
Uranium	238-1	18238	18814	17913	18322	2.49	cps
Vanadium	51-2	6462	6475	6328	6422	1.26	cps
Ytterbium	172-1	67	33	67	56	34.65	cps
Ytterbium	172-2	28	33	17	26	32.72	cps
Ytterbium	176-1	1183	1167	1658	1336	20.90	cps
Ytterbium	176-2	8809	8503	9415	8909	5.21	cps
Yttrium	89-1	11583387	11678763	11486662	11582937	0.83	cps
Yttrium	89-2	1309676	1216570	1282942	1269729	3.78	cps
Zinc	66-2	833	793	847	824	3.37	cps
Zirconium	90-1	11013	10946	10379	10779	3.23	cps
Zirconium	91-1	2525	2542	2375	2481	3.70	cps

LB Number : LB124120 Operator : Jaswal
 Lab Sample ID : ICB28 Instrumnet Name : P8
 Client Sample ID : ICB28 Dilution Factor : 1
 Date & Time Acquired : 2023-02-16 14:48:10 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	70	82	73	10.96	cps
Antimony	121-1	208	117	158	161	28.49	cps
Arsenic	75-2	6	5	5	5	10.83	cps
Barium	135-1	117	25	25	56	95.26	cps
Barium	137-1	200	17	50	89	109.86	cps
Beryllium	9-1	115	72	84	90	24.36	cps
Bismuth	209-1	5943594	5817160	5843369	5868041	1.14	cps
Bismuth	209-2	3143947	3068412	3084674	3099011	1.28	cps
Boron	10-1	6024	5824	5818	5889	1.99	cps
Boron	11-1	25627	24734	24315	24892	2.69	cps
Bromine	81-1	59247	62064	55630	58980	5.47	cps
Cadmium	111-1	3076	2901	3009	2995	2.96	cps
Cadmium	106-1	4334	4134	4267	4245	2.40	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	225	109	134	156	39.27	cps
Calcium	44-1	10282	8123	7900	8768	15.00	cps
Carbon	12-1	4860638	4736534	4793888	4797020	1.29	cps
Carbon	12-2	59253	58734	57948	58645	1.12	cps
Chlorine	35-1	121701	118994	119836	120177	1.15	cps
Chlorine	35-2	908	892	792	864	7.30	cps
Chromium	52-2	513	510	477	500	4.06	cps
Cobalt	59-2	70	67	77	71	7.16	cps
Copper	63-2	627	613	530	590	8.88	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	108	92	58	86	29.56	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	117	130	153	133	13.92	cps
Holmium	165-1	9579359	9459256	9535713	9524776	0.64	cps
Holmium	165-2	4297863	4224088	4231716	4251222	0.95	cps
Indium	115-1	7640718	7491851	7619568	7584046	1.06	cps
Indium	115-2	1239687	1232577	1241228	1237830	0.37	cps
Iron	54-2	611	522	694	609	14.14	cps
Iron	56-2	3400	3556	3456	3471	2.27	cps
Iron	57-2	111	200	189	167	29.06	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:48:10	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	376	359	366	367	2.39	cps
Lead	206-1	1122	756	756	878	24.12	cps
Lead	207-1	833	700	722	752	9.50	cps
Lead	208-1	4300	3178	3128	3535	18.75	cps
Lithium	6-1	4379558	4136093	4223348	4246333	2.90	cps
Magnesium	24-2	508	683	558	583	15.45	cps
Manganese	55-2	43	47	40	43	7.70	cps
Molybdenum	94-1	450	167	125	247	71.54	cps
Molybdenum	95-1	467	75	108	217	100.22	cps
Molybdenum	96-1	858	275	225	453	77.77	cps
Molybdenum	97-1	233	58	42	111	95.55	cps
Molybdenum	98-1	733	192	67	331	107.21	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	53	13	32	62.36	cps
Phosphorus	31-2	142	92	125	119	21.31	cps
Potassium	39-2	20999	21709	21341	21350	1.66	cps
Rhodium	103-1	7368702	7303474	7177263	7283146	1.34	cps
Rhodium	103-2	3260142	3270434	3264431	3265002	0.16	cps
Scandium	45-1	5430605	5501003	5483151	5471586	0.67	cps
Scandium	45-2	180315	179319	178596	179410	0.48	cps
Selenium	82-1	0	-30	0	-10	-173.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	53	60	67	60	11.66	cps
Silicon	28-1	888541	875844	892280	885555	0.97	cps
Silver	107-1	250	192	200	214	14.75	cps
Silver	109-1	208	133	100	147	37.69	cps
Sodium	23-2	12205	12372	13064	12547	3.63	cps
Strontium	86-1	1108	500	583	731	45.15	cps
Strontium	88-1	5795	333	375	2168	144.91	cps
Sulfur	34-1	330174	330698	328019	329630	0.43	cps
Terbium	159-1	9929502	9676191	9337169	9647621	3.08	cps
Terbium	159-2	4160891	4125179	4125288	4137120	0.50	cps
Thallium	203-1	242	158	192	197	21.27	cps
Thallium	205-1	692	425	408	508	31.28	cps
Tin	118-1	592	442	558	531	14.85	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICB28	Instrumnet Name :	P8
Client Sample ID :	ICB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:48:10	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	358	258	183	267	32.92	cps
Uranium	238-1	217	0	33	83	140.00	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Ytterbium	172-1	67	58	67	64	7.53	cps
Ytterbium	172-2	39	28	11	26	53.93	cps
Ytterbium	176-1	1517	1375	1433	1442	4.94	cps
Ytterbium	176-2	9064	9315	9509	9296	2.40	cps
Yttrium	89-1	11550229	11631511	11738088	11639943	0.81	cps
Yttrium	89-2	1324165	1316258	1318820	1319748	0.31	cps
Zinc	66-2	210	197	220	209	5.60	cps
Zirconium	90-1	692	508	567	589	15.91	cps
Zirconium	91-1	200	100	133	144	35.25	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:51:22	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5602259	5717570	5552660	5624163	1.50	cps
Antimony	121-1	6285	6577	5951	6271	4.99	cps
Arsenic	75-2	46	50	44	47	6.56	cps
Barium	135-1	2225	2142	2092	2153	3.13	cps
Barium	137-1	3542	4201	3776	3840	8.70	cps
Beryllium	9-1	854	870	779	834	5.84	cps
Bismuth	209-1	5544650	5582996	5354070	5493905	2.23	cps
Bismuth	209-2	2842008	2907982	2859551	2869847	1.19	cps
Boron	10-1	5608	5552	5418	5526	1.77	cps
Boron	11-1	22673	22789	22371	22611	0.96	cps
Bromine	81-1	58685	59729	59609	59341	0.96	cps
Cadmium	111-1	3379	3218	2983	3193	6.24	cps
Cadmium	106-1	3917	3692	3509	3706	5.52	cps
Cadmium	108-1	1608	1429	1492	1510	6.02	cps
Calcium	43-1	2238231	2179292	2156554	2191359	1.92	cps
Calcium	44-1	35421040	34740576	34475114	34878910	1.40	cps
Carbon	12-1	24363473	24649321	24915230	24642675	1.12	cps
Carbon	12-2	294557	293210	296237	294668	0.51	cps
Chlorine	35-1	12441213	14013979	14804634	13753275	8.75	cps
Chlorine	35-2	126770	129687	135574	130677	3.43	cps
Chromium	52-2	31418	31578	31498	31498	0.25	cps
Cobalt	59-2	2917	3220	3337	3158	6.87	cps
Copper	63-2	17157	17054	17020	17077	0.42	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Dysprosium	156-2	13	20	7	13	49.99	cps
Erbium	164-1	58	42	108	69	49.96	cps
Erbium	164-2	33	27	30	30	11.10	cps
Gadolinium	160-1	83	67	108	86	24.35	cps
Gadolinium	160-2	130	123	147	133	9.01	cps
Holmium	165-1	9434765	9693349	9384047	9504054	1.75	cps
Holmium	165-2	4262120	4274589	4242060	4259590	0.39	cps
Indium	115-1	7342164	7361886	7171303	7291785	1.44	cps
Indium	115-2	1182492	1167863	1152117	1167491	1.30	cps
Iron	54-2	7274950	7296752	7229312	7267005	0.47	cps
Iron	56-2	134245156	133165370	127637397	131682641	2.69	cps
Iron	57-2	3411641	3390217	3382284	3394714	0.45	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:51:22	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	401	351	351	368	7.85	cps
Lead	206-1	24312	24568	24262	24381	0.67	cps
Lead	207-1	19949	19170	18814	19311	3.01	cps
Lead	208-1	91904	91421	91812	91712	0.28	cps
Lithium	6-1	4222492	4391712	4127203	4247136	3.15	cps
Magnesium	24-2	14551558	14166671	14179386	14299205	1.53	cps
Manganese	55-2	6615	6892	6672	6726	2.17	cps
Molybdenum	94-1	3457076	3400268	3414430	3423925	0.86	cps
Molybdenum	95-1	6031955	5887411	6049161	5989509	1.48	cps
Molybdenum	96-1	6408349	6470055	6571582	6483329	1.27	cps
Molybdenum	97-1	3738238	3754948	3698688	3730625	0.77	cps
Molybdenum	98-1	9668342	9531632	9650181	9616718	0.77	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	7	7	23	12	78.69	cps
Nickel	60-2	4117	3797	4134	4016	4.73	cps
Phosphorus	31-2	329759	332256	324614	328876	1.18	cps
Potassium	39-2	10354458	10212950	10372324	10313244	0.85	cps
Rhodium	103-1	6836968	6767615	6638305	6747629	1.49	cps
Rhodium	103-2	3030698	3035179	3033516	3033131	0.07	cps
Scandium	45-1	5344867	5411532	5185826	5314075	2.18	cps
Scandium	45-2	173272	176126	175580	174993	0.87	cps
Selenium	82-1	30	116	73	73	59.15	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	40	51	48	46	12.28	cps
Silicon	28-1	1046930	1035159	1045593	1042561	0.62	cps
Silver	107-1	275	267	283	275	3.03	cps
Silver	109-1	233	250	300	261	13.29	cps
Sodium	23-2	27205053	27205421	27009410	27139961	0.42	cps
Strontium	86-1	72346	71559	72062	71989	0.55	cps
Strontium	88-1	614802	622896	611258	616319	0.97	cps
Sulfur	34-1	3589136	3599729	3520779	3569881	1.20	cps
Terbium	159-1	9682973	9888432	9410007	9660471	2.48	cps
Terbium	159-2	4120416	4163921	4171421	4151919	0.66	cps
Thallium	203-1	450	725	575	583	23.60	cps
Thallium	205-1	1567	1592	1442	1533	5.24	cps
Tin	118-1	1075	1258	1308	1214	10.12	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSA28	Instrumnet Name :	P8
Client Sample ID :	ICSA28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:51:22	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2012582	2050940	1984645	2016056	1.65	cps
Uranium	238-1	433	350	392	392	10.64	cps
Vanadium	51-2	207	243	213	221	8.83	cps
Ytterbium	172-1	42	25	25	31	31.50	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	1292	1300	1125	1239	7.97	cps
Ytterbium	176-2	8770	9181	9064	9005	2.35	cps
Yttrium	89-1	11769682	11707891	11099137	11525570	3.22	cps
Yttrium	89-2	1276256	1274022	1277843	1276041	0.15	cps
Zinc	66-2	3157	3114	3194	3155	1.27	cps
Zirconium	90-1	592	617	667	625	6.11	cps
Zirconium	91-1	150	133	150	144	6.66	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:55:17	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5748261	5543730	5442070	5578020	2.80	cps
Antimony	121-1	113269	114529	113309	113702	0.63	cps
Arsenic	75-2	3254	3179	3128	3187	1.99	cps
Barium	135-1	30661	30853	31245	30919	0.96	cps
Barium	137-1	54335	54419	55874	54876	1.58	cps
Beryllium	9-1	57895	56958	54904	56586	2.70	cps
Bismuth	209-1	5488088	5631877	5727665	5615877	2.15	cps
Bismuth	209-2	2806507	2901772	2853756	2854012	1.67	cps
Boron	10-1	4600	4552	4506	4552	1.03	cps
Boron	11-1	19321	19367	18844	19177	1.51	cps
Bromine	81-1	58834	59919	59528	59427	0.92	cps
Cadmium	111-1	34957	36345	35299	35534	2.04	cps
Cadmium	106-1	6493	7310	6643	6816	6.38	cps
Cadmium	108-1	3713	3776	3601	3696	2.40	cps
Calcium	43-1	2258385	2214488	2212644	2228506	1.16	cps
Calcium	44-1	36068673	36749095	35404696	36074155	1.86	cps
Carbon	12-1	25295687	25604927	25773820	25558144	0.95	cps
Carbon	12-2	309485	301712	299941	303713	1.67	cps
Chlorine	35-1	15964679	18021766	18989125	17658523	8.75	cps
Chlorine	35-2	155303	158520	156651	156824	1.03	cps
Chromium	52-2	64213	61766	62215	62732	2.08	cps
Cobalt	59-2	60940	60170	57542	59551	2.99	cps
Copper	63-2	59300	57503	57878	58227	1.63	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	100	133	83	106	24.12	cps
Erbium	164-2	40	40	53	44	17.32	cps
Gadolinium	160-1	108	125	100	111	11.46	cps
Gadolinium	160-2	133	147	120	133	10.00	cps
Holmium	165-1	9331267	9790987	9873015	9665090	3.02	cps
Holmium	165-2	4268068	4193258	4277637	4246321	1.09	cps
Indium	115-1	7472094	7619076	7697027	7596066	1.50	cps
Indium	115-2	1167820	1148173	1161166	1159053	0.86	cps
Iron	54-2	7237140	7242102	6966275	7148506	2.21	cps
Iron	56-2	131662831	129445131	126995122	129367695	1.80	cps
Iron	57-2	3375571	3372840	3286640	3345017	1.51	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:55:17	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	360	342	365	356	3.32	cps
Lead	206-1	126962	127905	125374	126747	1.01	cps
Lead	207-1	105029	107123	106619	106257	1.03	cps
Lead	208-1	491876	494244	488606	491575	0.58	cps
Lithium	6-1	4094557	4409084	4381195	4294946	4.05	cps
Magnesium	24-2	14629200	13955496	14079502	14221399	2.52	cps
Manganese	55-2	23770	23499	23136	23468	1.36	cps
Molybdenum	94-1	3471381	3517356	3503130	3497289	0.67	cps
Molybdenum	95-1	6262450	6181591	6046858	6163633	1.77	cps
Molybdenum	96-1	6415185	6749817	6454649	6539884	2.80	cps
Molybdenum	97-1	3774219	3781101	3697775	3751032	1.23	cps
Molybdenum	98-1	9788906	9845598	9558743	9731082	1.56	cps
Neodymium	150-1	53	53	47	51	7.53	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	18863	18649	18692	18735	0.60	cps
Phosphorus	31-2	334537	320037	314401	322992	3.22	cps
Potassium	39-2	10537729	10213986	10059820	10270512	2.37	cps
Rhodium	103-1	6713409	6910240	6900108	6841252	1.62	cps
Rhodium	103-2	3068749	2985436	3143661	3065949	2.58	cps
Scandium	45-1	5453973	5461636	5624789	5513466	1.75	cps
Scandium	45-2	176778	174403	175587	175589	0.68	cps
Selenium	82-1	2676	2761	2709	2715	1.58	cps
Selenium	77-2	77	100	73	83	17.44	cps
Selenium	78-2	339	330	323	331	2.43	cps
Silicon	28-1	1064110	1069711	1062341	1065388	0.36	cps
Silver	107-1	159012	155270	153878	156053	1.70	cps
Silver	109-1	148320	151530	147843	149231	1.34	cps
Sodium	23-2	28010958	26919660	26686513	27205710	2.60	cps
Strontium	86-1	71508	71215	70838	71187	0.47	cps
Strontium	88-1	633937	633017	614248	627067	1.77	cps
Sulfur	34-1	3636582	3679006	3503564	3606384	2.54	cps
Terbium	159-1	9516118	9891533	9632129	9679927	1.99	cps
Terbium	159-2	4115471	4188958	4219524	4174651	1.28	cps
Thallium	203-1	120417	121610	118422	120150	1.34	cps
Thallium	205-1	289851	294679	284953	289827	1.68	cps
Tin	118-1	1283	1233	1458	1325	8.92	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	ICSAB28	Instrumnet Name :	P8
Client Sample ID :	ICSAB28	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:55:17	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2083552	2019731	2060619	2054634	1.57	cps
Uranium	238-1	367	658	500	508	28.72	cps
Vanadium	51-2	25536	25713	24995	25415	1.47	cps
Ytterbium	172-1	50	75	58	61	20.83	cps
Ytterbium	172-2	11	56	33	33	66.68	cps
Ytterbium	176-1	1433	1400	1408	1414	1.23	cps
Ytterbium	176-2	8953	9531	9442	9309	3.34	cps
Yttrium	89-1	11517056	11999364	11718022	11744814	2.06	cps
Yttrium	89-2	1281736	1277965	1291850	1283850	0.56	cps
Zinc	66-2	8252	7882	8119	8085	2.32	cps
Zirconium	90-1	550	550	750	617	18.73	cps
Zirconium	91-1	167	167	175	169	2.84	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:58:17	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2976994	2932922	2867897	2925938	1.88	cps
Antimony	121-1	2670361	2627343	2575435	2624380	1.81	cps
Arsenic	75-2	78485	77371	76055	77303	1.57	cps
Barium	135-1	3835783	3771536	3646024	3751114	2.57	cps
Barium	137-1	6388480	6443725	6212076	6348094	1.91	cps
Beryllium	9-1	1306571	1314399	1295195	1305388	0.74	cps
Bismuth	209-1	5319574	5440946	5326786	5362435	1.27	cps
Bismuth	209-2	2694933	2777295	2753129	2741786	1.54	cps
Boron	10-1	591647	606336	610150	602711	1.62	cps
Boron	11-1	2359049	2348729	2301491	2336423	1.31	cps
Bromine	81-1	59839	57830	60513	59394	2.35	cps
Cadmium	111-1	772719	779174	773058	774983	0.47	cps
Cadmium	106-1	93591	92183	94423	93399	1.21	cps
Cadmium	108-1	62340	60595	60537	61157	1.68	cps
Calcium	43-1	5397657	5382740	5345464	5375287	0.50	cps
Calcium	44-1	86501033	85036783	83261307	84933041	1.91	cps
Carbon	12-1	6144723	6203486	6099944	6149384	0.84	cps
Carbon	12-2	80948	83554	82363	82288	1.59	cps
Chlorine	35-1	3293132	3144776	2921676	3119861	5.99	cps
Chlorine	35-2	21508	20265	19505	20426	4.95	cps
Chromium	52-2	780772	771318	763988	772026	1.09	cps
Cobalt	59-2	1486256	1468696	1423371	1459441	2.22	cps
Copper	63-2	11006973	10773202	10804252	10861476	1.17	cps
Dysprosium	156-1	867	750	808	808	7.22	cps
Dysprosium	156-2	367	337	327	343	6.06	cps
Erbium	164-1	125	133	125	128	3.77	cps
Erbium	164-2	27	50	53	43	33.52	cps
Gadolinium	160-1	808	733	733	758	5.71	cps
Gadolinium	160-2	447	493	517	486	7.34	cps
Holmium	165-1	9176436	9446794	9505615	9376282	1.87	cps
Holmium	165-2	4110820	4187883	4161266	4153323	0.94	cps
Indium	115-1	7251441	7238752	7045909	7178700	1.60	cps
Indium	115-2	1118799	1141317	1130851	1130322	1.00	cps
Iron	54-2	9266650	9107710	9044496	9139619	1.25	cps
Iron	56-2	168144776	163774559	160239615	164052983	2.41	cps
Iron	57-2	4266608	4289950	4116638	4224399	2.23	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:58:17	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	399	350	361	370	6.90	cps
Lead	206-1	12418771	12375053	12226355	12340060	0.82	cps
Lead	207-1	11112296	11014409	10982108	11036271	0.61	cps
Lead	208-1	50301836	49611651	49578074	49830520	0.82	cps
Lithium	6-1	4116259	4187279	4039698	4114412	1.79	cps
Magnesium	24-2	37631541	37591077	37036597	37419738	0.89	cps
Manganese	55-2	4488380	4478364	4329302	4432015	2.01	cps
Molybdenum	94-1	11221780	11297832	10595670	11038427	3.49	cps
Molybdenum	95-1	15734534	15950046	15410598	15698393	1.73	cps
Molybdenum	96-1	17352815	17005045	17166091	17174651	1.01	cps
Molybdenum	97-1	9941473	9385657	9559160	9628763	2.95	cps
Molybdenum	98-1	25509734	24802418	24724868	25012340	1.73	cps
Neodymium	150-1	460	460	500	473	4.88	cps
Neodymium	150-2	53	60	53	56	6.93	cps
Nickel	60-2	371429	368451	365592	368491	0.79	cps
Phosphorus	31-2	33514	32754	32663	32977	1.42	cps
Potassium	39-2	13268686	13200117	12954209	13141004	1.26	cps
Rhodium	103-1	6571485	6518170	6433515	6507724	1.07	cps
Rhodium	103-2	2818844	3010395	2962962	2930734	3.40	cps
Scandium	45-1	5255915	5534771	5389988	5393558	2.59	cps
Scandium	45-2	173127	173808	171697	172877	0.62	cps
Selenium	82-1	66169	65946	64933	65683	1.00	cps
Selenium	77-2	1913	1940	1870	1908	1.85	cps
Selenium	78-2	7056	6711	6733	6834	2.83	cps
Silicon	28-1	47191869	47543277	46436758	47057301	1.20	cps
Silver	107-1	4036315	3834398	3840014	3903576	2.95	cps
Silver	109-1	3743886	3724608	3741107	3736534	0.28	cps
Sodium	23-2	66868845	68719902	66715072	67434606	1.65	cps
Strontium	86-1	26131762	26035930	25593384	25920359	1.11	cps
Strontium	88-1	224627872	226972830	220172463	223924388	1.54	cps
Sulfur	34-1	745282	738672	722244	735399	1.61	cps
Terbium	159-1	9347160	9626690	9636935	9536928	1.72	cps
Terbium	159-2	3963059	4054612	3970285	3995985	1.27	cps
Thallium	203-1	2873126	2943984	2892587	2903233	1.26	cps
Thallium	205-1	6958786	7035595	6866305	6953562	1.22	cps
Tin	118-1	2588333	2547696	2528348	2554792	1.20	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 14:58:17	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5018944	5067504	4837547	4974665	2.44	cps
Uranium	238-1	9888152	10162099	9838335	9962862	1.75	cps
Vanadium	51-2	639810	631691	625385	632295	1.14	cps
Ytterbium	172-1	367	317	342	342	7.32	cps
Ytterbium	172-2	167	194	150	170	13.18	cps
Ytterbium	176-1	14208	14592	15009	14603	2.74	cps
Ytterbium	176-2	14302	14947	15059	14770	2.77	cps
Yttrium	89-1	11357454	11597531	11192556	11382514	1.79	cps
Yttrium	89-2	1243449	1278717	1258085	1260084	1.41	cps
Zinc	66-2	1295099	1271171	1265651	1277307	1.23	cps
Zirconium	90-1	5809255	5750735	5571059	5710350	2.17	cps
Zirconium	91-1	1286970	1285296	1260584	1277617	1.16	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:06:09	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122	102	101	109	10.97	cps
Antimony	121-1	333	500	567	467	25.75	cps
Arsenic	75-2	3	4	4	4	15.75	cps
Barium	135-1	58	50	33	47	26.96	cps
Barium	137-1	83	25	58	56	52.68	cps
Beryllium	9-1	87	97	115	100	13.92	cps
Bismuth	209-1	5962728	6039656	6040242	6014209	0.74	cps
Bismuth	209-2	3069990	3141266	3136811	3116022	1.28	cps
Boron	10-1	9447	9761	9151	9453	3.23	cps
Boron	11-1	42350	40833	39250	40811	3.80	cps
Bromine	81-1	62845	61078	59981	61301	2.36	cps
Cadmium	111-1	2782	2715	2800	2766	1.61	cps
Cadmium	106-1	3917	3834	3967	3906	1.73	cps
Cadmium	108-1	8	8	21	12	57.75	cps
Calcium	43-1	179	185	154	172	9.59	cps
Calcium	44-1	9192	9183	9141	9172	0.30	cps
Carbon	12-1	5318614	5277732	5389911	5328752	1.07	cps
Carbon	12-2	67606	67263	65530	66799	1.67	cps
Chlorine	35-1	1081979	1079361	1035987	1065776	2.42	cps
Chlorine	35-2	7360	6977	7260	7199	2.76	cps
Chromium	52-2	527	520	557	534	3.65	cps
Cobalt	59-2	43	60	53	52	16.07	cps
Copper	63-2	953	850	957	920	6.59	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	75	50	33	53	39.74	cps
Erbium	164-2	17	40	17	24	55.10	cps
Gadolinium	160-1	50	83	67	67	25.00	cps
Gadolinium	160-2	110	140	140	130	13.32	cps
Holmium	165-1	9564925	9175513	9440626	9393688	2.12	cps
Holmium	165-2	4164646	4163575	4374945	4234388	2.87	cps
Indium	115-1	7660650	7566025	7780787	7669154	1.40	cps
Indium	115-2	1200437	1209134	1210520	1206697	0.45	cps
Iron	54-2	644	644	722	670	6.70	cps
Iron	56-2	5095	5118	5107	5107	0.22	cps
Iron	57-2	133	211	183	176	22.40	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:06:09	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	349	361	390	367	5.77	cps
Lead	206-1	1006	1011	1033	1017	1.45	cps
Lead	207-1	922	989	844	919	7.87	cps
Lead	208-1	4395	4000	4061	4152	5.11	cps
Lithium	6-1	4481440	4401040	4250913	4377798	2.67	cps
Magnesium	24-2	917	817	1033	922	11.76	cps
Manganese	55-2	73	77	123	91	30.69	cps
Molybdenum	94-1	300	417	333	350	17.17	cps
Molybdenum	95-1	550	367	408	442	21.76	cps
Molybdenum	96-1	483	425	492	467	7.78	cps
Molybdenum	97-1	208	217	175	200	11.02	cps
Molybdenum	98-1	750	592	600	647	13.77	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	60	43	27	43	38.46	cps
Phosphorus	31-2	117	42	125	94	48.59	cps
Potassium	39-2	22076	21500	21800	21792	1.32	cps
Rhodium	103-1	7104213	7281977	7331270	7239153	1.65	cps
Rhodium	103-2	3218451	3224874	3156683	3200003	1.18	cps
Scandium	45-1	5469902	5500961	5601450	5524104	1.24	cps
Scandium	45-2	176933	180139	176618	177897	1.10	cps
Selenium	82-1	31	45	19	32	41.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	50	58	60	56	9.45	cps
Silicon	28-1	883069	881058	886313	883480	0.30	cps
Silver	107-1	383	383	300	356	13.53	cps
Silver	109-1	233	342	525	367	40.21	cps
Sodium	23-2	20022	20131	19480	19878	1.75	cps
Strontium	86-1	792	883	725	800	9.94	cps
Strontium	88-1	1725	1733	1542	1667	6.50	cps
Sulfur	34-1	319100	317772	320435	319102	0.42	cps
Terbium	159-1	9919348	9546689	9685076	9717038	1.94	cps
Terbium	159-2	4162479	4224123	4144504	4177035	1.00	cps
Thallium	203-1	442	533	542	506	10.98	cps
Thallium	205-1	992	850	1258	1033	20.07	cps
Tin	118-1	458	475	408	447	7.76	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:06:09	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	275	217	300	32.75	cps
Uranium	238-1	100	83	83	89	10.82	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Ytterbium	172-1	75	58	83	72	17.63	cps
Ytterbium	172-2	39	22	22	28	34.65	cps
Ytterbium	176-1	1350	1567	1408	1442	7.78	cps
Ytterbium	176-2	8870	9309	9987	9389	6.00	cps
Yttrium	89-1	11539605	11691904	11351862	11527790	1.48	cps
Yttrium	89-2	1264759	1316923	1281229	1287637	2.07	cps
Zinc	66-2	197	270	213	227	16.96	cps
Zirconium	90-1	400	525	508	478	14.20	cps
Zirconium	91-1	67	92	92	83	17.32	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:09:18	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1257	1251	1240	1249	0.71	cps
Antimony	121-1	10638	10938	9929	10502	4.93	cps
Arsenic	75-2	184	150	150	161	12.17	cps
Barium	135-1	13891	14074	13649	13871	1.54	cps
Barium	137-1	24456	24222	23655	24111	1.71	cps
Beryllium	9-1	3110	3037	3041	3063	1.33	cps
Bismuth	209-1	6013271	5915255	6003166	5977230	0.90	cps
Bismuth	209-2	3072966	3082289	3118302	3091186	0.77	cps
Boron	10-1	16300	16800	16466	16522	1.54	cps
Boron	11-1	68879	71071	70024	69991	1.57	cps
Bromine	81-1	59017	60575	59055	59549	1.49	cps
Cadmium	111-1	4714	4526	4619	4620	2.04	cps
Cadmium	106-1	4359	4251	4284	4298	1.29	cps
Cadmium	108-1	154	167	179	167	7.50	cps
Calcium	43-1	10843	11015	10455	10771	2.66	cps
Calcium	44-1	186619	183674	179688	183327	1.90	cps
Carbon	12-1	4932195	4947154	4944966	4941439	0.16	cps
Carbon	12-2	59998	61839	60843	60893	1.51	cps
Chlorine	35-1	848649	829958	808676	829094	2.41	cps
Chlorine	35-2	5818	5693	5601	5704	1.91	cps
Chromium	52-2	3524	3751	3457	3577	4.30	cps
Cobalt	59-2	2917	3000	2894	2937	1.91	cps
Copper	63-2	5431	5211	5021	5221	3.93	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	83	42	133	86	53.30	cps
Erbium	164-2	30	33	27	30	11.10	cps
Gadolinium	160-1	117	67	58	81	39.16	cps
Gadolinium	160-2	150	163	117	143	16.77	cps
Holmium	165-1	9434892	9227660	9352375	9338309	1.12	cps
Holmium	165-2	4242799	4202716	4316667	4254061	1.36	cps
Indium	115-1	7659682	7912480	7613011	7728391	2.08	cps
Indium	115-2	1221157	1237852	1192580	1217196	1.88	cps
Iron	54-2	4329	4229	4284	4280	1.17	cps
Iron	56-2	69882	69419	71278	70193	1.38	cps
Iron	57-2	2006	2000	1783	1930	6.57	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:09:18	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	304	394	347	348	12.92	cps
Lead	206-1	5757	5496	4995	5416	7.14	cps
Lead	207-1	5034	5046	4773	4951	3.11	cps
Lead	208-1	22886	21885	21268	22013	3.71	cps
Lithium	6-1	4218027	4261597	4290998	4256874	0.86	cps
Magnesium	24-2	76996	74273	72028	74432	3.34	cps
Manganese	55-2	983	893	883	920	5.99	cps
Molybdenum	94-1	12781	13115	12556	12817	2.19	cps
Molybdenum	95-1	16819	16068	15985	16291	2.82	cps
Molybdenum	96-1	17720	16827	17670	17406	2.88	cps
Molybdenum	97-1	10179	9604	9595	9793	3.42	cps
Molybdenum	98-1	25557	24614	24631	24934	2.17	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	833	840	790	821	3.31	cps
Phosphorus	31-2	183	250	158	197	24.03	cps
Potassium	39-2	71193	73229	74216	72879	2.12	cps
Rhodium	103-1	7280573	7320710	7254318	7285200	0.46	cps
Rhodium	103-2	3250148	3253789	3192932	3232290	1.06	cps
Scandium	45-1	5433103	5496891	5490617	5473537	0.64	cps
Scandium	45-2	177436	182776	179707	179973	1.49	cps
Selenium	82-1	762	614	704	693	10.81	cps
Selenium	77-2	27	30	27	28	6.92	cps
Selenium	78-2	121	135	109	122	10.69	cps
Silicon	28-1	953591	949890	956576	953353	0.35	cps
Silver	107-1	8886	8228	8603	8572	3.85	cps
Silver	109-1	8328	8861	8153	8447	4.37	cps
Sodium	23-2	150530	150682	145896	149036	1.83	cps
Strontium	86-1	2567	2784	2934	2761	6.68	cps
Strontium	88-1	18296	19639	19022	18986	3.54	cps
Sulfur	34-1	323298	321756	326792	323949	0.80	cps
Terbium	159-1	9361049	9853980	9941669	9718899	3.22	cps
Terbium	159-2	4302026	4245218	4164669	4237304	1.63	cps
Thallium	203-1	6235	6268	5901	6135	3.31	cps
Thallium	205-1	14542	14909	14283	14578	2.16	cps
Tin	118-1	26267	26660	24898	25942	3.57	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:09:18	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5059	5084	5510	5218	4.85	cps
Uranium	238-1	18497	17613	17362	17824	3.35	cps
Vanadium	51-2	6238	6288	6038	6188	2.14	cps
Ytterbium	172-1	58	33	50	47	26.96	cps
Ytterbium	172-2	50	17	22	30	60.27	cps
Ytterbium	176-1	1408	1467	1350	1408	4.14	cps
Ytterbium	176-2	9465	9826	9815	9702	2.12	cps
Yttrium	89-1	11497813	11384805	11799977	11560865	1.86	cps
Yttrium	89-2	1286026	1307568	1302478	1298691	0.87	cps
Zinc	66-2	910	767	883	853	8.93	cps
Zirconium	90-1	10471	10596	10538	10535	0.59	cps
Zirconium	91-1	2309	2334	2359	2334	1.07	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:12:30	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25331	24760	24807	24966	1.27	cps
Antimony	121-1	667	992	700	786	22.75	cps
Arsenic	75-2	228	202	219	216	6.10	cps
Barium	135-1	265993	261583	258868	262148	1.37	cps
Barium	137-1	467400	455036	462444	461626	1.35	cps
Beryllium	9-1	532	527	492	517	4.21	cps
Bismuth	209-1	5845852	5789602	6024020	5886491	2.08	cps
Bismuth	209-2	3081343	3097980	3078465	3085929	0.34	cps
Boron	10-1	18480	18868	19059	18802	1.57	cps
Boron	11-1	78718	79154	80047	79306	0.85	cps
Bromine	81-1	81842	82536	86879	83753	3.26	cps
Cadmium	111-1	3178	2848	2907	2978	5.93	cps
Cadmium	106-1	4451	4009	4109	4190	5.53	cps
Cadmium	108-1	29	13	46	29	57.14	cps
Calcium	43-1	450140	448527	445345	448004	0.54	cps
Calcium	44-1	7174697	7129781	7176587	7160355	0.37	cps
Carbon	12-1	6820869	7199097	7563374	7194447	5.16	cps
Carbon	12-2	95108	96122	98202	96477	1.64	cps
Chlorine	35-1	899039	902364	911079	904160	0.69	cps
Chlorine	35-2	6894	6877	6452	6741	3.72	cps
Chromium	52-2	3574	3634	3407	3538	3.32	cps
Cobalt	59-2	4457	4447	4334	4413	1.55	cps
Copper	63-2	4407	4454	4227	4363	2.74	cps
Dysprosium	156-1	1967	2234	2259	2153	7.51	cps
Dysprosium	156-2	890	930	870	897	3.41	cps
Erbium	164-1	2984	2959	2492	2811	9.85	cps
Erbium	164-2	1100	1187	1107	1131	4.26	cps
Gadolinium	160-1	2334	2542	2684	2520	6.99	cps
Gadolinium	160-2	1217	1230	1400	1282	7.97	cps
Holmium	165-1	9655075	9635649	9417600	9569441	1.38	cps
Holmium	165-2	4270525	4388152	4379415	4346031	1.51	cps
Indium	115-1	7644976	7474196	7764118	7627763	1.91	cps
Indium	115-2	1188669	1222266	1223963	1211633	1.64	cps
Iron	54-2	178183	176023	177029	177078	0.61	cps
Iron	56-2	3288381	3328034	3273478	3296631	0.86	cps
Iron	57-2	80013	78963	79800	79592	0.70	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:12:30	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	347	381	379	369	5.09	cps
Lead	206-1	9287	9159	9153	9200	0.82	cps
Lead	207-1	7397	7730	7658	7595	2.31	cps
Lead	208-1	35559	35403	35898	35620	0.71	cps
Lithium	6-1	4260418	4339879	4465268	4355188	2.37	cps
Magnesium	24-2	808336	795912	792119	798789	1.06	cps
Manganese	55-2	239434	239488	235539	238154	0.95	cps
Molybdenum	94-1	2709	2575	2575	2620	2.94	cps
Molybdenum	95-1	4184	3901	3776	3953	5.29	cps
Molybdenum	96-1	4426	4109	4301	4279	3.73	cps
Molybdenum	97-1	2442	2192	2384	2339	5.59	cps
Molybdenum	98-1	6176	5818	6260	6085	3.86	cps
Neodymium	150-1	2407	2267	2387	2354	3.22	cps
Neodymium	150-2	713	630	633	659	7.16	cps
Nickel	60-2	1573	1743	1723	1680	5.53	cps
Phosphorus	31-2	550	642	592	594	7.72	cps
Potassium	39-2	846356	844772	843985	845038	0.14	cps
Rhodium	103-1	7330568	7050692	7207250	7196170	1.95	cps
Rhodium	103-2	3098487	3221689	3214705	3178294	2.18	cps
Scandium	45-1	5649589	5497382	5671890	5606287	1.69	cps
Scandium	45-2	176212	179054	182412	179226	1.73	cps
Selenium	82-1	84	34	57	58	42.87	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	59	70	55	61	12.66	cps
Silicon	28-1	61918681	61463362	59813060	61065034	1.81	cps
Silver	107-1	192	150	183	175	12.60	cps
Silver	109-1	192	133	175	167	18.03	cps
Sodium	23-2	1514358	1480560	1529348	1508089	1.66	cps
Strontium	86-1	598460	582238	591123	590607	1.38	cps
Strontium	88-1	5018003	5029754	5066009	5037922	0.50	cps
Sulfur	34-1	375550	367151	366263	369655	1.39	cps
Terbium	159-1	9559763	9536100	10123302	9739722	3.41	cps
Terbium	159-2	4207060	4249214	4189268	4215181	0.73	cps
Thallium	203-1	408	550	417	458	17.35	cps
Thallium	205-1	1000	1075	1033	1036	3.63	cps
Tin	118-1	2017	1992	2100	2036	2.79	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:12:30	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13757	14691	13582	14010	4.26	cps
Uranium	238-1	1117	1267	1483	1289	14.30	cps
Vanadium	51-2	2074	1910	1957	1980	4.25	cps
Ytterbium	172-1	458	617	608	561	15.88	cps
Ytterbium	172-2	306	261	250	272	10.80	cps
Ytterbium	176-1	1617	1467	1792	1625	10.01	cps
Ytterbium	176-2	9353	9665	9676	9565	1.91	cps
Yttrium	89-1	12000220	11541085	12110859	11884054	2.54	cps
Yttrium	89-2	1266687	1307474	1302776	1292312	1.73	cps
Zinc	66-2	12372	12285	12129	12262	1.01	cps
Zirconium	90-1	1367	1542	1583	1497	7.68	cps
Zirconium	91-1	283	242	292	272	9.84	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:15:36	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25488	25407	24550	25148	2.07	cps
Antimony	121-1	875	783	950	869	9.60	cps
Arsenic	75-2	219	211	208	213	2.67	cps
Barium	135-1	268235	269395	262430	266687	1.40	cps
Barium	137-1	463957	463288	461897	463047	0.23	cps
Beryllium	9-1	547	545	506	533	4.34	cps
Bismuth	209-1	5919672	6052946	6077006	6016541	1.41	cps
Bismuth	209-2	3172666	2898461	3221333	3097487	5.62	cps
Boron	10-1	17753	18094	17647	17831	1.31	cps
Boron	11-1	74489	76930	75846	75755	1.61	cps
Bromine	81-1	83926	86566	86060	85517	1.64	cps
Cadmium	111-1	3027	3073	2790	2963	5.12	cps
Cadmium	106-1	4234	4351	3876	4154	5.96	cps
Cadmium	108-1	29	63	21	38	58.80	cps
Calcium	43-1	451272	450272	441359	447634	1.22	cps
Calcium	44-1	7215227	7172285	7188362	7191958	0.30	cps
Carbon	12-1	7115362	7598026	7819222	7510870	4.79	cps
Carbon	12-2	98721	101743	102229	100898	1.88	cps
Chlorine	35-1	866227	870969	870557	869251	0.30	cps
Chlorine	35-2	6427	6593	6710	6577	2.17	cps
Chromium	52-2	3277	3504	3214	3332	4.58	cps
Cobalt	59-2	4074	4297	4107	4160	2.90	cps
Copper	63-2	4441	4177	4397	4338	3.26	cps
Dysprosium	156-1	2092	2225	2325	2214	5.29	cps
Dysprosium	156-2	1000	943	880	941	6.38	cps
Erbium	164-1	2825	2967	2559	2784	7.45	cps
Erbium	164-2	1093	1150	1140	1128	2.68	cps
Gadolinium	160-1	2225	2725	2367	2439	10.57	cps
Gadolinium	160-2	1180	1247	1257	1228	3.39	cps
Holmium	165-1	9547471	9664752	9548538	9586920	0.70	cps
Holmium	165-2	4389076	4080951	4520021	4330016	5.21	cps
Indium	115-1	7670945	7731542	7881015	7761167	1.39	cps
Indium	115-2	1220446	1118928	1272395	1203923	6.48	cps
Iron	54-2	173493	176216	171525	173744	1.36	cps
Iron	56-2	3328807	3278306	3288654	3298589	0.81	cps
Iron	57-2	82750	79482	80471	80901	2.07	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:15:36	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	392	337	350	360	8.01	cps
Lead	206-1	9281	9504	9114	9300	2.10	cps
Lead	207-1	7841	7602	7830	7758	1.74	cps
Lead	208-1	36549	36204	36321	36358	0.48	cps
Lithium	6-1	4308506	4414895	4278895	4334099	1.65	cps
Magnesium	24-2	804472	791461	789445	795126	1.03	cps
Manganese	55-2	241543	239389	235167	238700	1.36	cps
Molybdenum	94-1	2725	2684	2950	2786	5.15	cps
Molybdenum	95-1	4051	4026	3967	4015	1.07	cps
Molybdenum	96-1	4284	4734	4326	4448	5.59	cps
Molybdenum	97-1	2350	2617	2309	2425	6.90	cps
Molybdenum	98-1	6110	6126	6418	6218	2.79	cps
Neodymium	150-1	2387	2347	2180	2305	4.76	cps
Neodymium	150-2	693	697	530	640	14.89	cps
Nickel	60-2	1563	1577	1530	1557	1.54	cps
Phosphorus	31-2	767	675	550	664	16.38	cps
Potassium	39-2	834313	832483	823734	830177	0.68	cps
Rhodium	103-1	7230647	7204237	7010692	7148525	1.68	cps
Rhodium	103-2	3213988	3025745	3343683	3194472	5.00	cps
Scandium	45-1	5629042	5604635	5670318	5634665	0.59	cps
Scandium	45-2	181487	164047	187037	177523	6.76	cps
Selenium	82-1	46	74	89	70	30.98	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	56	73	58	62	14.90	cps
Silicon	28-1	62414858	61744608	60072966	61410810	1.96	cps
Silver	107-1	125	158	158	147	13.07	cps
Silver	109-1	150	108	150	136	17.67	cps
Sodium	23-2	1540653	1478711	1480359	1499908	2.35	cps
Strontium	86-1	586992	591165	572511	583556	1.68	cps
Strontium	88-1	5080455	5125487	4983917	5063286	1.43	cps
Sulfur	34-1	354616	353070	351514	353066	0.44	cps
Terbium	159-1	9805277	9776772	9502881	9694977	1.72	cps
Terbium	159-2	4205546	3886962	4278923	4123810	5.05	cps
Thallium	203-1	383	300	433	372	18.10	cps
Thallium	205-1	925	825	908	886	6.05	cps
Tin	118-1	1825	1633	1975	1811	9.46	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02DUP	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923D	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:15:36	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14241	14266	14199	14235	0.24	cps
Uranium	238-1	1300	1250	1458	1336	8.14	cps
Vanadium	51-2	1990	2050	2044	2028	1.62	cps
Ytterbium	172-1	608	583	575	589	2.95	cps
Ytterbium	172-2	283	183	272	246	22.25	cps
Ytterbium	176-1	1733	1625	1725	1695	3.56	cps
Ytterbium	176-2	9281	8636	10121	9346	7.96	cps
Yttrium	89-1	11708039	11813234	11692381	11737884	0.56	cps
Yttrium	89-2	1323356	1201351	1367006	1297238	6.62	cps
Zinc	66-2	12175	12399	12245	12273	0.93	cps
Zirconium	90-1	1458	1542	1625	1542	5.41	cps
Zirconium	91-1	342	367	292	333	11.46	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 15:18:43	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4054	3894	3798	3915	3.31	cps
Antimony	121-1	250	250	217	239	8.06	cps
Arsenic	75-2	131	117	110	119	8.96	cps
Barium	135-1	67662	68307	67159	67709	0.85	cps
Barium	137-1	123429	116206	117879	119171	3.17	cps
Beryllium	9-1	100	115	102	106	7.59	cps
Bismuth	209-1	6117541	5876126	5935346	5976338	2.11	cps
Bismuth	209-2	3089011	3066954	3091909	3082624	0.44	cps
Boron	10-1	9225	9457	9513	9398	1.63	cps
Boron	11-1	40481	40540	40070	40364	0.63	cps
Bromine	81-1	69130	70239	64093	67821	4.83	cps
Cadmium	111-1	2824	3132	3016	2991	5.20	cps
Cadmium	106-1	4009	4468	4301	4259	5.45	cps
Cadmium	108-1	17	29	46	31	47.88	cps
Calcium	43-1	177877	178662	177536	178025	0.32	cps
Calcium	44-1	2801815	2857463	2814747	2824675	1.03	cps
Carbon	12-1	5867776	5847920	6087230	5934309	2.24	cps
Carbon	12-2	73074	72445	71968	72496	0.76	cps
Chlorine	35-1	720113	734950	736841	730635	1.25	cps
Chlorine	35-2	5368	5351	5593	5437	2.48	cps
Chromium	52-2	5708	5875	5818	5800	1.46	cps
Cobalt	59-2	470	487	447	468	4.30	cps
Copper	63-2	1410	1383	1340	1378	2.56	cps
Dysprosium	156-1	175	200	208	194	8.92	cps
Dysprosium	156-2	113	50	87	83	38.16	cps
Erbium	164-1	292	267	267	275	5.25	cps
Erbium	164-2	140	143	150	144	3.52	cps
Gadolinium	160-1	325	242	183	250	28.48	cps
Gadolinium	160-2	267	197	210	224	16.56	cps
Holmium	165-1	9487148	9431401	9911578	9610042	2.73	cps
Holmium	165-2	4227893	4252442	4282513	4254282	0.64	cps
Indium	115-1	7726316	7643973	7911072	7760454	1.76	cps
Indium	115-2	1219361	1216248	1211270	1215626	0.34	cps
Iron	54-2	19074	18518	18334	18642	2.07	cps
Iron	56-2	332246	327528	321985	327253	1.57	cps
Iron	57-2	8875	8870	8130	8625	4.97	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 15:18:43	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	377	421	371	390	6.99	cps
Lead	206-1	1683	1817	1572	1691	7.24	cps
Lead	207-1	1478	1483	1317	1426	6.64	cps
Lead	208-1	6590	7140	6145	6625	7.52	cps
Lithium	6-1	4320327	4306054	4363605	4329995	0.69	cps
Magnesium	24-2	221612	212857	213355	215941	2.28	cps
Manganese	55-2	29477	28512	27804	28598	2.94	cps
Molybdenum	94-1	5893	5810	5701	5801	1.66	cps
Molybdenum	95-1	8970	9462	8945	9125	3.19	cps
Molybdenum	96-1	9787	9762	9645	9731	0.78	cps
Molybdenum	97-1	5935	6135	6143	6071	1.94	cps
Molybdenum	98-1	14758	14884	15501	15047	2.64	cps
Neodymium	150-1	240	220	173	211	16.21	cps
Neodymium	150-2	87	57	73	72	20.81	cps
Nickel	60-2	323	263	283	290	10.53	cps
Phosphorus	31-2	158	217	175	183	16.39	cps
Potassium	39-2	385164	375727	368752	376548	2.19	cps
Rhodium	103-1	7095124	7310629	7326769	7244174	1.79	cps
Rhodium	103-2	3229740	3225819	3268316	3241292	0.72	cps
Scandium	45-1	5447194	5467236	5500933	5471787	0.50	cps
Scandium	45-2	182700	180449	178731	180627	1.10	cps
Selenium	82-1	13	-14	56	18	192.89	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	62	66	53	60	11.03	cps
Silicon	28-1	13725017	14105485	13904286	13911596	1.37	cps
Silver	107-1	183	192	92	156	35.67	cps
Silver	109-1	108	108	75	97	19.80	cps
Sodium	23-2	731621	720966	704813	719133	1.88	cps
Strontium	86-1	253195	253627	248821	251881	1.06	cps
Strontium	88-1	2242906	2195130	2169360	2202465	1.69	cps
Sulfur	34-1	331352	330732	329468	330517	0.29	cps
Terbium	159-1	9735140	9892784	9502863	9710262	2.02	cps
Terbium	159-2	4173994	4184359	4117113	4158489	0.87	cps
Thallium	203-1	250	200	225	225	11.11	cps
Thallium	205-1	717	633	592	647	9.83	cps
Tin	118-1	600	792	792	728	15.21	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02LX5	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923L	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 15:18:43	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1900	1750	1834	1828	4.11	cps
Uranium	238-1	292	383	342	339	13.54	cps
Vanadium	51-2	2884	2974	2837	2898	2.40	cps
Ytterbium	172-1	167	133	158	153	11.35	cps
Ytterbium	172-2	6	33	61	33	83.33	cps
Ytterbium	176-1	1317	1659	1508	1495	11.46	cps
Ytterbium	176-2	9392	10154	9598	9715	4.06	cps
Yttrium	89-1	11576709	11602811	11523125	11567548	0.35	cps
Yttrium	89-2	1312307	1315514	1293487	1307103	0.91	cps
Zinc	66-2	1827	1730	1720	1759	3.35	cps
Zirconium	90-1	783	658	617	686	12.64	cps
Zirconium	91-1	83	108	142	111	26.34	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:21:50	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	668392	643942	643403	651912	2.19	cps
Antimony	121-1	2596191	2616510	2626503	2613068	0.59	cps
Arsenic	75-2	87603	84738	84267	85536	2.11	cps
Barium	135-1	4052307	4099959	3961577	4037948	1.74	cps
Barium	137-1	6802500	7187935	6755215	6915217	3.43	cps
Beryllium	9-1	1443449	1418042	1469410	1443634	1.78	cps
Bismuth	209-1	5709626	5793062	5872452	5791713	1.41	cps
Bismuth	209-2	2999186	2859038	2855037	2904420	2.83	cps
Boron	10-1	217674	221775	227876	222442	2.31	cps
Boron	11-1	834829	859919	877261	857336	2.49	cps
Bromine	81-1	80112	85478	88176	84589	4.85	cps
Cadmium	111-1	877403	897830	892374	889202	1.19	cps
Cadmium	106-1	99130	103773	102052	101652	2.31	cps
Cadmium	108-1	64827	66971	67230	66343	1.99	cps
Calcium	43-1	1536987	1555891	1523714	1538864	1.05	cps
Calcium	44-1	24726961	25288247	24766334	24927181	1.26	cps
Carbon	12-1	7665516	8083407	8483158	8077360	5.06	cps
Carbon	12-2	110254	110245	111975	110824	0.90	cps
Chlorine	35-1	1042611	1077299	1095505	1071805	2.51	cps
Chlorine	35-2	8319	8094	8186	8200	1.38	cps
Chromium	52-2	857633	832348	832912	840964	1.72	cps
Cobalt	59-2	1565200	1550807	1506703	1540903	1.98	cps
Copper	63-2	11711344	11219702	11099637	11343561	2.86	cps
Dysprosium	156-1	2684	2609	2575	2623	2.12	cps
Dysprosium	156-2	1167	1117	1017	1100	6.94	cps
Erbium	164-1	2984	3075	2634	2898	8.05	cps
Erbium	164-2	1213	1090	1130	1145	5.50	cps
Gadolinium	160-1	2692	2767	2725	2728	1.38	cps
Gadolinium	160-2	1340	1383	1370	1365	1.63	cps
Holmium	165-1	9413802	9822875	9653230	9629969	2.13	cps
Holmium	165-2	4318884	4152048	4199539	4223490	2.04	cps
Indium	115-1	7476473	7498738	7766476	7580562	2.13	cps
Indium	115-2	1183931	1153927	1159900	1165920	1.36	cps
Iron	54-2	2290674	2235272	2151440	2225795	3.15	cps
Iron	56-2	40920877	39155620	37586955	39221151	4.25	cps
Iron	57-2	966933	968869	941343	959048	1.60	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:21:50	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	372	361	409	381	6.52	cps
Lead	206-1	12392501	12640318	12286884	12439901	1.46	cps
Lead	207-1	10803447	10878837	10744680	10808988	0.62	cps
Lead	208-1	49836027	49549150	49363591	49582923	0.48	cps
Lithium	6-1	4301202	4308933	4383793	4331310	1.05	cps
Magnesium	24-2	9044713	8805196	8696489	8848799	2.01	cps
Manganese	55-2	5074245	4803249	4834784	4904093	3.02	cps
Molybdenum	94-1	5688598	5728552	5575955	5664368	1.40	cps
Molybdenum	95-1	6441809	6410748	6416016	6422858	0.26	cps
Molybdenum	96-1	7005198	7367711	6975730	7116213	3.07	cps
Molybdenum	97-1	3925313	3976996	3904089	3935466	0.95	cps
Molybdenum	98-1	10305793	10443803	10275368	10341655	0.87	cps
Neodymium	150-1	3127	2934	2920	2994	3.86	cps
Neodymium	150-2	880	853	757	830	7.82	cps
Nickel	60-2	399716	387718	382165	389866	2.30	cps
Phosphorus	31-2	800	633	867	767	15.68	cps
Potassium	39-2	3076936	3055523	3015392	3049283	1.02	cps
Rhodium	103-1	6987141	7076194	7106267	7056534	0.88	cps
Rhodium	103-2	3160026	3029911	3058475	3082804	2.22	cps
Scandium	45-1	5540216	5559051	5816742	5638670	2.74	cps
Scandium	45-2	179464	174096	177919	177159	1.56	cps
Selenium	82-1	69168	69129	69195	69164	0.05	cps
Selenium	77-2	2244	2044	2147	2145	4.66	cps
Selenium	78-2	7256	7215	7178	7216	0.54	cps
Silicon	28-1	60149903	59783795	60435291	60122996	0.54	cps
Silver	107-1	741217	688006	662076	697100	5.79	cps
Silver	109-1	724084	813647	646611	728114	11.48	cps
Sodium	23-2	16450531	15519772	15608714	15859672	3.24	cps
Strontium	86-1	1686052	1636546	1583233	1635277	3.14	cps
Strontium	88-1	13805638	13888848	13787215	13827234	0.39	cps
Sulfur	34-1	369819	372349	371760	371309	0.36	cps
Terbium	159-1	9659437	9682103	9982068	9774536	1.84	cps
Terbium	159-2	4202644	4085160	4206513	4164772	1.66	cps
Thallium	203-1	3042004	3071938	2909200	3007714	2.88	cps
Thallium	205-1	7199521	7195881	7121390	7172264	0.61	cps
Tin	118-1	2558061	2605846	2564807	2576238	1.00	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MS	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:21:50	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2112107	2127395	2092667	2110723	0.82	cps
Uranium	238-1	9767978	10126443	10148630	10014350	2.13	cps
Vanadium	51-2	693127	678863	667370	679787	1.90	cps
Ytterbium	172-1	625	675	583	628	7.31	cps
Ytterbium	172-2	339	356	328	341	4.10	cps
Ytterbium	176-1	8528	8144	8720	8464	3.46	cps
Ytterbium	176-2	12473	12284	12901	12552	2.52	cps
Yttrium	89-1	11722281	11771491	12101550	11865108	1.74	cps
Yttrium	89-2	1293535	1281859	1307427	1294274	0.99	cps
Zinc	66-2	1384915	1361099	1332246	1359420	1.94	cps
Zirconium	90-1	5578487	5631511	5598078	5602692	0.48	cps
Zirconium	91-1	1253442	1256406	1227529	1245792	1.28	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:24:48	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	662447	646640	637619	648902	1.94	cps
Antimony	121-1	2572652	2605869	2569467	2582663	0.78	cps
Arsenic	75-2	86521	83703	81642	83955	2.92	cps
Barium	135-1	3858823	4009070	4029038	3965644	2.35	cps
Barium	137-1	6876165	6753465	6856275	6828635	0.96	cps
Beryllium	9-1	1438743	1439230	1441837	1439936	0.12	cps
Bismuth	209-1	5742871	5644737	5765738	5717782	1.12	cps
Bismuth	209-2	3016670	2933843	2938219	2962911	1.57	cps
Boron	10-1	222851	233685	231062	229199	2.47	cps
Boron	11-1	877695	913788	912748	901410	2.28	cps
Bromine	81-1	80946	85197	89013	85052	4.74	cps
Cadmium	111-1	883421	876187	881089	880232	0.42	cps
Cadmium	106-1	100299	100459	102112	100957	0.99	cps
Cadmium	108-1	66405	65949	64216	65523	1.76	cps
Calcium	43-1	1542993	1528104	1534882	1535326	0.49	cps
Calcium	44-1	24547678	24490480	24240784	24426314	0.67	cps
Carbon	12-1	8035878	8332641	8691517	8353346	3.93	cps
Carbon	12-2	111748	112562	114042	112784	1.03	cps
Chlorine	35-1	1080729	1112429	1121437	1104865	1.94	cps
Chlorine	35-2	8328	8486	8503	8439	1.15	cps
Chromium	52-2	862437	842364	824359	843053	2.26	cps
Cobalt	59-2	1555104	1562221	1469108	1528811	3.39	cps
Copper	63-2	11691101	11369740	10740223	11267021	4.29	cps
Dysprosium	156-1	2467	2392	2434	2431	1.55	cps
Dysprosium	156-2	1030	1063	1047	1047	1.59	cps
Erbium	164-1	2992	3092	3025	3037	1.68	cps
Erbium	164-2	1110	1217	1143	1157	4.72	cps
Gadolinium	160-1	2817	2809	2575	2734	5.02	cps
Gadolinium	160-2	1410	1307	1203	1307	7.91	cps
Holmium	165-1	9361256	9663359	9469367	9497994	1.61	cps
Holmium	165-2	4403114	4257041	4208313	4289489	2.36	cps
Indium	115-1	7398266	7436705	7343141	7392704	0.64	cps
Indium	115-2	1176942	1187188	1160248	1174792	1.16	cps
Iron	54-2	2253901	2264198	2162789	2226962	2.51	cps
Iron	56-2	39575940	38966058	38396297	38979431	1.51	cps
Iron	57-2	971744	945527	932505	949926	2.10	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:24:48	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	334	370	327	344	6.68	cps
Lead	206-1	12453188	12035371	12300258	12262939	1.72	cps
Lead	207-1	10939353	10771322	10531419	10747365	1.91	cps
Lead	208-1	49921396	48811026	48663796	49132073	1.40	cps
Lithium	6-1	4222920	4315016	4327609	4288515	1.33	cps
Magnesium	24-2	9129673	8624821	8691142	8815212	3.11	cps
Manganese	55-2	4872890	4889653	4709041	4823861	2.07	cps
Molybdenum	94-1	5547232	5592379	5411665	5517092	1.70	cps
Molybdenum	95-1	6361079	6414679	6271552	6349103	1.14	cps
Molybdenum	96-1	7095547	7028381	6851166	6991698	1.81	cps
Molybdenum	97-1	3872462	3959213	3883730	3905135	1.21	cps
Molybdenum	98-1	9955798	10298288	10154268	10136118	1.70	cps
Neodymium	150-1	2800	3027	2960	2929	3.98	cps
Neodymium	150-2	840	833	647	773	14.19	cps
Nickel	60-2	400516	385686	372859	386354	3.58	cps
Phosphorus	31-2	608	667	642	639	4.58	cps
Potassium	39-2	3144072	3146782	3011830	3100894	2.49	cps
Rhodium	103-1	6958763	7076160	6718492	6917805	2.64	cps
Rhodium	103-2	3025850	3116252	3133002	3091701	1.86	cps
Scandium	45-1	5582545	5533171	5481719	5532478	0.91	cps
Scandium	45-2	177617	179260	178188	178355	0.47	cps
Selenium	82-1	68449	68611	68580	68547	0.13	cps
Selenium	77-2	2147	2157	2197	2167	1.22	cps
Selenium	78-2	7248	7096	7063	7136	1.38	cps
Silicon	28-1	60166183	59860758	59134178	59720373	0.89	cps
Silver	107-1	460970	698517	1322035	827174	53.76	cps
Silver	109-1	785511	777556	788973	784013	0.75	cps
Sodium	23-2	15942262	15588089	15362360	15630904	1.87	cps
Strontium	86-1	1574691	1613986	1538117	1575598	2.41	cps
Strontium	88-1	13995115	13774199	13714245	13827853	1.07	cps
Sulfur	34-1	365282	370571	364614	366822	0.89	cps
Terbium	159-1	9701813	9830209	9685385	9739135	0.81	cps
Terbium	159-2	4065926	4250729	4067075	4127910	2.58	cps
Thallium	203-1	2969009	3044064	2953205	2988759	1.62	cps
Thallium	205-1	7130203	7102058	7125490	7119250	0.21	cps
Tin	118-1	2592912	2509978	2590081	2564324	1.84	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02MSD	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923M	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:24:48	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2110430	2068566	2074065	2084354	1.09	cps
Uranium	238-1	10027651	9736531	9995811	9919998	1.61	cps
Vanadium	51-2	686494	679864	654013	673457	2.55	cps
Ytterbium	172-1	458	650	567	558	17.21	cps
Ytterbium	172-2	289	272	272	278	3.46	cps
Ytterbium	176-1	8570	8536	8294	8467	1.77	cps
Ytterbium	176-2	12306	13012	12084	12467	3.89	cps
Yttrium	89-1	11334905	11835701	11700917	11623841	2.23	cps
Yttrium	89-2	1316443	1304068	1288497	1303003	1.07	cps
Zinc	66-2	1390019	1357627	1323680	1357109	2.44	cps
Zirconium	90-1	5521171	5610875	5575620	5569222	0.81	cps
Zirconium	91-1	1219588	1244312	1211062	1224987	1.41	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1520-01A	Instrumnet Name :	P8
Client Sample ID :	MH24M7A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:30:44	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1405165	1364867	1361715	1377249	1.76	cps
Antimony	121-1	38263	40511	39575	39449	2.86	cps
Arsenic	75-2	25529	25170	24734	25144	1.58	cps
Barium	135-1	1456477	1434418	1408420	1433105	1.68	cps
Barium	137-1	2569719	2573596	2498146	2547154	1.67	cps
Beryllium	9-1	25919	25898	25839	25886	0.16	cps
Bismuth	209-1	6124558	6003244	6042158	6056653	1.02	cps
Bismuth	209-2	3121338	3171700	3103243	3132093	1.13	cps
Boron	10-1	32000	30544	30626	31057	2.63	cps
Boron	11-1	133211	130739	129837	131262	1.33	cps
Bromine	81-1	74527	75119	73811	74486	0.88	cps
Cadmium	111-1	40587	38664	39918	39723	2.46	cps
Cadmium	106-1	9137	7902	8895	8645	7.57	cps
Cadmium	108-1	2884	2930	2709	2841	4.10	cps
Calcium	43-1	3157191	3094858	3121981	3124677	1.00	cps
Calcium	44-1	51374823	49145799	50737245	50419289	2.28	cps
Carbon	12-1	8460650	8351293	8390533	8400825	0.66	cps
Carbon	12-2	100274	103430	100166	101290	1.83	cps
Chlorine	35-1	30915424	34605653	37635872	34385649	9.79	cps
Chlorine	35-2	312091	316892	327215	318732	2.42	cps
Chromium	52-2	251739	245929	241892	246520	2.01	cps
Cobalt	59-2	213242	208494	206695	209477	1.61	cps
Copper	63-2	975067	950533	943225	956275	1.74	cps
Dysprosium	156-1	84450	84895	81759	83702	2.03	cps
Dysprosium	156-2	31781	31674	31150	31535	1.07	cps
Erbium	164-1	68352	68702	67849	68301	0.63	cps
Erbium	164-2	27412	27195	25772	26793	3.32	cps
Gadolinium	160-1	72774	73478	72480	72911	0.70	cps
Gadolinium	160-2	33379	33215	31751	32781	2.73	cps
Holmium	165-1	9733268	10108898	9934061	9925409	1.89	cps
Holmium	165-2	4320971	4467691	4280075	4356246	2.26	cps
Indium	115-1	7930295	8054226	7944213	7976245	0.85	cps
Indium	115-2	1222285	1232074	1193359	1215906	1.66	cps
Iron	54-2	5414737	5276735	5117075	5269516	2.83	cps
Iron	56-2	96534363	94149938	91990027	94224776	2.41	cps
Iron	57-2	2464557	2472880	2372261	2436566	2.29	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1520-01A	Instrumnet Name :	P8
Client Sample ID :	MH24M7A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:30:44	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	509	471	515	498	4.75	cps
Lead	206-1	8986592	8828295	8553096	8789327	2.50	cps
Lead	207-1	7586753	7649470	7361527	7532583	2.01	cps
Lead	208-1	35037108	34846085	33949189	34610794	1.68	cps
Lithium	6-1	4408896	4588373	4504696	4500655	2.00	cps
Magnesium	24-2	2231915	2183655	2128542	2181371	2.37	cps
Manganese	55-2	3864139	3812288	3665122	3780517	2.73	cps
Molybdenum	94-1	24848	24623	23420	24297	3.16	cps
Molybdenum	95-1	17078	15576	16911	16521	4.98	cps
Molybdenum	96-1	24873	23755	23921	24183	2.50	cps
Molybdenum	97-1	10429	9971	10204	10201	2.25	cps
Molybdenum	98-1	25015	25783	25198	25332	1.58	cps
Neodymium	150-1	123712	126720	123651	124694	1.41	cps
Neodymium	150-2	38619	38562	37115	38099	2.24	cps
Nickel	60-2	313098	304143	300531	305924	2.11	cps
Phosphorus	31-2	20490	19522	19430	19814	2.96	cps
Potassium	39-2	665067	655811	646195	655691	1.44	cps
Rhodium	103-1	7398313	7135038	7393880	7309077	2.06	cps
Rhodium	103-2	3154426	3242710	3113032	3170056	2.09	cps
Scandium	45-1	5912543	5585226	5861162	5786310	3.04	cps
Scandium	45-2	185090	183085	178173	182116	1.95	cps
Selenium	82-1	1947	2100	2045	2031	3.80	cps
Selenium	77-2	277	193	230	233	17.90	cps
Selenium	78-2	364	368	367	366	0.57	cps
Silicon	28-1	25631204	24867623	24722297	25073708	1.95	cps
Silver	107-1	171195	168060	165950	168401	1.57	cps
Silver	109-1	158821	162278	158718	159939	1.27	cps
Sodium	23-2	138629	135123	133810	135854	1.83	cps
Strontium	86-1	1068585	1050091	1022190	1046955	2.23	cps
Strontium	88-1	9419143	9154460	8766895	9113499	3.60	cps
Sulfur	34-1	367152	365154	362872	365060	0.59	cps
Terbium	159-1	10039439	9887834	10082413	10003229	1.02	cps
Terbium	159-2	4314344	4214305	4147387	4225345	1.99	cps
Thallium	203-1	19615	18839	19482	19312	2.15	cps
Thallium	205-1	46777	45640	44962	45793	2.00	cps
Tin	118-1	185750	183811	186010	185190	0.65	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1520-01A	Instrumnet Name :	P8
Client Sample ID :	MH24M7A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:30:44	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	326032	318679	321238	321983	1.16	cps
Uranium	238-1	99607	98364	96927	98299	1.36	cps
Vanadium	51-2	151918	145812	144087	147272	2.79	cps
Ytterbium	172-1	21443	20658	20708	20937	2.10	cps
Ytterbium	172-2	9398	9398	8925	9240	2.95	cps
Ytterbium	176-1	14417	14867	14425	14570	1.77	cps
Ytterbium	176-2	15398	15309	15326	15344	0.31	cps
Yttrium	89-1	13654510	13244749	12986630	13295296	2.53	cps
Yttrium	89-2	1448734	1481898	1414522	1448385	2.33	cps
Zinc	66-2	1076884	1058486	1025152	1053507	2.49	cps
Zirconium	90-1	42398	44429	42817	43215	2.48	cps
Zirconium	91-1	9503	9295	9612	9470	1.70	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1517-20A	Instrumnet Name :	P8
Client Sample ID :	MH2404A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:33:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1436519	1421289	1390522	1416110	1.65	cps
Antimony	121-1	41456	43086	43662	42734	2.68	cps
Arsenic	75-2	16542	16094	15571	16069	3.02	cps
Barium	135-1	1475682	1562249	1532689	1523540	2.89	cps
Barium	137-1	2670248	2726104	2657985	2684779	1.35	cps
Beryllium	9-1	6803	6767	6603	6724	1.59	cps
Bismuth	209-1	6067624	6111952	6279605	6153060	1.82	cps
Bismuth	209-2	2974310	3092677	3062223	3043070	2.02	cps
Boron	10-1	21978	22429	22677	22361	1.58	cps
Boron	11-1	96225	97308	95034	96189	1.18	cps
Bromine	81-1	76075	77444	77412	76977	1.02	cps
Cadmium	111-1	18768	18589	18367	18574	1.08	cps
Cadmium	106-1	6577	6093	6177	6282	4.12	cps
Cadmium	108-1	1117	1258	1117	1164	7.03	cps
Calcium	43-1	4819188	4716743	4814873	4783601	1.21	cps
Calcium	44-1	76912216	77065799	77144070	77040695	0.15	cps
Carbon	12-1	10496351	10666951	10617609	10593637	0.83	cps
Carbon	12-2	126290	130291	127449	128010	1.61	cps
Chlorine	35-1	41737232	44928891	47502096	44722740	6.46	cps
Chlorine	35-2	377736	377222	372524	375828	0.76	cps
Chromium	52-2	89881	88190	84464	87512	3.17	cps
Cobalt	59-2	71026	70045	67881	69651	2.31	cps
Copper	63-2	359237	357816	346093	354382	2.04	cps
Dysprosium	156-1	82312	87496	83496	84435	3.22	cps
Dysprosium	156-2	31821	30889	31076	31262	1.58	cps
Erbium	164-1	66794	69215	67925	67978	1.78	cps
Erbium	164-2	27241	25812	26366	26473	2.72	cps
Gadolinium	160-1	70654	75631	73722	73335	3.42	cps
Gadolinium	160-2	32817	31798	31714	32110	1.91	cps
Holmium	165-1	9574946	9896747	9946958	9806217	2.06	cps
Holmium	165-2	4412867	4351338	4359872	4374693	0.76	cps
Indium	115-1	7720136	7814251	7833455	7789281	0.78	cps
Indium	115-2	1212376	1194055	1190246	1198893	0.99	cps
Iron	54-2	4337216	4215990	4118584	4223930	2.59	cps
Iron	56-2	77717449	76723004	73605596	76015350	2.82	cps
Iron	57-2	1979834	1994006	1918859	1964233	2.03	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1517-20A	Instrumnet Name :	P8
Client Sample ID :	MH2404A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:33:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	525	450	480	485	7.78	cps
Lead	206-1	4151546	4286513	4264257	4234106	1.71	cps
Lead	207-1	3524148	3506268	3549474	3526630	0.62	cps
Lead	208-1	16124181	16336018	16236952	16232384	0.65	cps
Lithium	6-1	4604315	4549289	4543133	4565579	0.74	cps
Magnesium	24-2	2491953	2508860	2441409	2480741	1.41	cps
Manganese	55-2	1505225	1511223	1469991	1495479	1.49	cps
Molybdenum	94-1	20123	20849	20265	20413	1.89	cps
Molybdenum	95-1	17887	17520	17987	17798	1.38	cps
Molybdenum	96-1	24564	25015	24798	24792	0.91	cps
Molybdenum	97-1	10921	11021	11046	10996	0.60	cps
Molybdenum	98-1	27737	29089	27678	28168	2.83	cps
Neodymium	150-1	124897	127022	127709	126543	1.16	cps
Neodymium	150-2	39662	38338	37259	38419	3.13	cps
Nickel	60-2	121484	119861	115653	118999	2.53	cps
Phosphorus	31-2	16602	16410	16034	16348	1.76	cps
Potassium	39-2	774736	777575	736555	762955	3.00	cps
Rhodium	103-1	7177588	7230133	7066353	7158025	1.17	cps
Rhodium	103-2	3196992	3127384	3172873	3165750	1.12	cps
Scandium	45-1	5669041	5863043	5778918	5770334	1.69	cps
Scandium	45-2	184267	183495	178198	181987	1.82	cps
Selenium	82-1	2016	2061	2140	2072	3.02	cps
Selenium	77-2	223	210	213	216	3.22	cps
Selenium	78-2	366	334	372	357	5.72	cps
Silicon	28-1	48494432	47904091	47451909	47950144	1.09	cps
Silver	107-1	14750	15668	14909	15109	3.25	cps
Silver	109-1	14692	14875	14433	14667	1.52	cps
Sodium	23-2	206794	206685	198201	203893	2.42	cps
Strontium	86-1	1375727	1364288	1356439	1365485	0.71	cps
Strontium	88-1	11834483	11645433	11827695	11769203	0.91	cps
Sulfur	34-1	402406	404775	402467	403216	0.33	cps
Terbium	159-1	10152404	10263429	10199767	10205200	0.55	cps
Terbium	159-2	4292245	4172497	4100306	4188349	2.31	cps
Thallium	203-1	14609	14884	15259	14917	2.19	cps
Thallium	205-1	35591	36135	36260	35995	0.99	cps
Tin	118-1	29215	29875	28881	29324	1.73	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1517-20A	Instrumnet Name :	P8
Client Sample ID :	MH2404A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:33:40	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	312851	320263	308744	313953	1.86	cps
Uranium	238-1	124727	118746	122700	122058	2.49	cps
Vanadium	51-2	153542	153979	145828	151116	3.03	cps
Ytterbium	172-1	18948	20441	19974	19788	3.86	cps
Ytterbium	172-2	9014	9270	8748	9011	2.90	cps
Ytterbium	176-1	13632	14325	13532	13830	3.12	cps
Ytterbium	176-2	15354	14998	15698	15350	2.28	cps
Yttrium	89-1	12896040	12889033	13035329	12940134	0.64	cps
Yttrium	89-2	1433318	1400529	1382432	1405427	1.84	cps
Zinc	66-2	444137	447884	426847	439623	2.55	cps
Zirconium	90-1	29048	28956	29148	29050	0.33	cps
Zirconium	91-1	6543	6210	6794	6516	4.49	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1518-12A	Instrumnet Name :	P8
Client Sample ID :	MH2405A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:36:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1837689	1768277	1757018	1787661	2.44	cps
Antimony	121-1	20441	20641	20933	20672	1.20	cps
Arsenic	75-2	7459	7492	7240	7397	1.85	cps
Barium	135-1	4616799	4637544	4486433	4580259	1.79	cps
Barium	137-1	7728450	8110771	7903525	7914249	2.42	cps
Beryllium	9-1	10881	10913	10978	10924	0.45	cps
Bismuth	209-1	6010417	5975706	5659631	5881918	3.29	cps
Bismuth	209-2	3015882	3050199	3199316	3088466	3.16	cps
Boron	10-1	35005	35407	36502	35638	2.17	cps
Boron	11-1	145396	149541	154939	149958	3.19	cps
Bromine	81-1	68246	68780	70250	69092	1.50	cps
Cadmium	111-1	20224	19216	19199	19546	3.00	cps
Cadmium	106-1	6827	6193	6085	6368	6.29	cps
Cadmium	108-1	1200	1183	1379	1254	8.66	cps
Calcium	43-1	5276315	5246580	5319556	5280817	0.69	cps
Calcium	44-1	84957240	85256601	85221530	85145124	0.19	cps
Carbon	12-1	10183604	10433969	10667879	10428484	2.32	cps
Carbon	12-2	124197	124003	125911	124704	0.84	cps
Chlorine	35-1	49409492	53981410	56293024	53227975	6.58	cps
Chlorine	35-2	434960	436767	432054	434594	0.55	cps
Chromium	52-2	255708	250220	247342	251090	1.69	cps
Cobalt	59-2	60973	61653	60264	60963	1.14	cps
Copper	63-2	372089	371185	362527	368601	1.43	cps
Dysprosium	156-1	87973	88200	92798	89657	3.04	cps
Dysprosium	156-2	33105	33021	32553	32893	0.90	cps
Erbium	164-1	68745	69474	68335	68851	0.84	cps
Erbium	164-2	26714	26854	26176	26581	1.35	cps
Gadolinium	160-1	74073	76009	76160	75414	1.54	cps
Gadolinium	160-2	32914	32891	32490	32765	0.73	cps
Holmium	165-1	10000371	10206337	9513719	9906809	3.59	cps
Holmium	165-2	4317905	4366744	4542871	4409173	2.68	cps
Indium	115-1	7829117	7909235	7780599	7839650	0.83	cps
Indium	115-2	1201876	1200482	1254844	1219067	2.54	cps
Iron	54-2	3904066	3784473	3754042	3814194	2.08	cps
Iron	56-2	70264414	69076031	68196297	69178914	1.50	cps
Iron	57-2	1836512	1790212	1756459	1794394	2.24	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1518-12A	Instrumnet Name :	P8
Client Sample ID :	MH2405A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:36:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	465	535	465	488	8.28	cps
Lead	206-1	4311690	4446578	4399363	4385877	1.56	cps
Lead	207-1	3761242	3656007	3607633	3674961	2.14	cps
Lead	208-1	17032257	16940823	16877194	16950092	0.46	cps
Lithium	6-1	4586234	4582624	4575372	4581410	0.12	cps
Magnesium	24-2	3946363	3949300	3867014	3920893	1.19	cps
Manganese	55-2	2300805	2283647	2213845	2266099	2.03	cps
Molybdenum	94-1	31561	31236	32706	31834	2.43	cps
Molybdenum	95-1	19064	18304	19047	18805	2.31	cps
Molybdenum	96-1	27578	26593	26351	26841	2.42	cps
Molybdenum	97-1	11630	11096	11872	11533	3.44	cps
Molybdenum	98-1	29958	30158	29983	30033	0.36	cps
Neodymium	150-1	140273	138582	138971	139275	0.64	cps
Neodymium	150-2	43243	42086	42310	42546	1.44	cps
Nickel	60-2	332915	328380	322679	327991	1.56	cps
Phosphorus	31-2	21091	20490	19881	20487	2.95	cps
Potassium	39-2	1071340	1070132	1038086	1059852	1.78	cps
Rhodium	103-1	7140567	7321001	6994860	7152143	2.28	cps
Rhodium	103-2	3211940	3185581	3285382	3227634	1.60	cps
Scandium	45-1	5770048	5869050	5647876	5762325	1.92	cps
Scandium	45-2	184011	178050	192667	184909	3.97	cps
Selenium	82-1	702	609	727	680	9.21	cps
Selenium	77-2	160	163	180	168	6.39	cps
Selenium	78-2	237	219	205	220	7.28	cps
Silicon	28-1	75051958	74946995	75952102	75317018	0.73	cps
Silver	107-1	19297	19790	18496	19194	3.40	cps
Silver	109-1	18338	17762	18438	18179	2.01	cps
Sodium	23-2	400409	393523	394566	396166	0.94	cps
Strontium	86-1	1846084	1854467	1836613	1845721	0.48	cps
Strontium	88-1	15796385	15521251	15405468	15574368	1.29	cps
Sulfur	34-1	555404	550811	555226	553814	0.47	cps
Terbium	159-1	10198116	10217881	9806328	10074108	2.30	cps
Terbium	159-2	4267463	4228119	4323796	4273126	1.13	cps
Thallium	203-1	4634	4593	4534	4587	1.09	cps
Thallium	205-1	10947	10905	11172	11008	1.30	cps
Tin	118-1	66931	67525	65817	66758	1.30	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1518-12A	Instrumnet Name :	P8
Client Sample ID :	MH2405A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:36:39	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	528510	524986	521384	524960	0.68	cps
Uranium	238-1	156501	148060	154366	152975	2.87	cps
Vanadium	51-2	147443	142021	142714	144059	2.05	cps
Ytterbium	172-1	22052	21744	21693	21830	0.89	cps
Ytterbium	172-2	9437	9148	9131	9239	1.86	cps
Ytterbium	176-1	15151	14725	14825	14900	1.49	cps
Ytterbium	176-2	15431	15754	16221	15802	2.51	cps
Yttrium	89-1	13241230	13049359	12664301	12984963	2.26	cps
Yttrium	89-2	1495834	1475391	1479682	1483636	0.73	cps
Zinc	66-2	452162	446703	439866	446244	1.38	cps
Zirconium	90-1	58708	57276	59353	58446	1.82	cps
Zirconium	91-1	12448	13240	12873	12853	3.09	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:50:49	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2950971	2900403	2868596	2906656	1.43	cps
Antimony	121-1	2485095	2474594	2446592	2468760	0.81	cps
Arsenic	75-2	74859	73056	72470	73461	1.70	cps
Barium	135-1	3526533	3489299	3513204	3509679	0.54	cps
Barium	137-1	5974356	6028376	6111383	6038038	1.14	cps
Beryllium	9-1	1282274	1297002	1287950	1289075	0.58	cps
Bismuth	209-1	5220796	5082361	5228946	5177367	1.59	cps
Bismuth	209-2	2659258	2630800	2602419	2630826	1.08	cps
Boron	10-1	602161	618250	613742	611384	1.36	cps
Boron	11-1	2271280	2295835	2426653	2331256	3.58	cps
Bromine	81-1	56030	54903	55416	55450	1.02	cps
Cadmium	111-1	730185	744230	720459	731625	1.63	cps
Cadmium	106-1	87822	88719	87336	87959	0.80	cps
Cadmium	108-1	57072	58695	58122	57963	1.42	cps
Calcium	43-1	5097934	5060545	5108241	5088906	0.49	cps
Calcium	44-1	81700535	82346624	79977068	81341409	1.51	cps
Carbon	12-1	5800749	5906227	5963419	5890132	1.40	cps
Carbon	12-2	78116	76415	78359	77630	1.36	cps
Chlorine	35-1	1514718	1479119	1450971	1481603	2.16	cps
Chlorine	35-2	10679	10262	10779	10574	2.59	cps
Chromium	52-2	775391	746921	750760	757691	2.04	cps
Cobalt	59-2	1405508	1333357	1327416	1355427	3.21	cps
Copper	63-2	10637707	10300065	10041534	10326435	2.90	cps
Dysprosium	156-1	733	667	808	736	9.63	cps
Dysprosium	156-2	353	283	330	322	11.06	cps
Erbium	164-1	108	108	125	114	8.45	cps
Erbium	164-2	63	70	70	68	5.68	cps
Gadolinium	160-1	750	825	767	781	5.05	cps
Gadolinium	160-2	473	407	473	451	8.53	cps
Holmium	165-1	9542135	9204562	8957121	9234606	3.18	cps
Holmium	165-2	4019810	4064992	4045042	4043281	0.56	cps
Indium	115-1	7151573	7152320	6935695	7079862	1.76	cps
Indium	115-2	1096011	1084563	1099880	1093485	0.73	cps
Iron	54-2	9140638	8668333	8686774	8831915	3.03	cps
Iron	56-2	164822815	157821254	159793959	160812676	2.24	cps
Iron	57-2	4162884	4115745	4090533	4123054	0.89	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:50:49	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	356	351	351	353	0.82	cps
Lead	206-1	11687004	11825548	11687521	11733358	0.68	cps
Lead	207-1	10363879	10274225	10418206	10352103	0.70	cps
Lead	208-1	46615928	46751391	46643011	46670110	0.15	cps
Lithium	6-1	4217004	4141226	4149374	4169202	1.00	cps
Magnesium	24-2	37089099	36465712	36612136	36722316	0.89	cps
Manganese	55-2	4392908	4116619	4181821	4230449	3.41	cps
Molybdenum	94-1	10265163	10602392	10380642	10416066	1.65	cps
Molybdenum	95-1	14969909	15475234	14781624	15075589	2.38	cps
Molybdenum	96-1	16411224	16561757	16394376	16455786	0.56	cps
Molybdenum	97-1	9079403	9393676	9247832	9240304	1.70	cps
Molybdenum	98-1	23675580	24301905	23938557	23972014	1.31	cps
Neodymium	150-1	367	400	393	387	4.56	cps
Neodymium	150-2	33	53	50	46	23.52	cps
Nickel	60-2	352585	354625	348133	351781	0.94	cps
Phosphorus	31-2	33882	32896	32044	32941	2.79	cps
Potassium	39-2	13197819	12711692	12751951	12887154	2.09	cps
Rhodium	103-1	6328545	6369348	6325412	6341102	0.39	cps
Rhodium	103-2	2866067	2802129	2789965	2819387	1.45	cps
Scandium	45-1	5431040	5241558	5076004	5249534	3.38	cps
Scandium	45-2	168520	169149	170706	169459	0.66	cps
Selenium	82-1	61579	61995	61653	61742	0.36	cps
Selenium	77-2	1917	1890	1727	1845	5.58	cps
Selenium	78-2	6741	6585	6348	6558	3.02	cps
Silicon	28-1	46071710	46036256	46117654	46075207	0.09	cps
Silver	107-1	3808314	3692820	3690156	3730430	1.81	cps
Silver	109-1	3553348	3592263	3506220	3550611	1.21	cps
Sodium	23-2	67927304	65542666	65923333	66464434	1.93	cps
Strontium	86-1	25048857	24881813	25093150	25007940	0.45	cps
Strontium	88-1	215851571	213952038	212587905	214130505	0.77	cps
Sulfur	34-1	735040	726147	716554	725914	1.27	cps
Terbium	159-1	9388701	9323044	8981047	9230931	2.37	cps
Terbium	159-2	4015925	3929974	3943989	3963296	1.16	cps
Thallium	203-1	2784519	2711948	2755775	2750747	1.33	cps
Thallium	205-1	6592962	6570546	6464059	6542522	1.05	cps
Tin	118-1	2379573	2438160	2437898	2418544	1.40	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:50:49	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4833189	4857702	4764529	4818473	1.00	cps
Uranium	238-1	9363381	9145743	9327108	9278744	1.26	cps
Vanadium	51-2	632649	620157	613769	622191	1.54	cps
Ytterbium	172-1	358	375	333	356	5.90	cps
Ytterbium	172-2	161	161	144	156	6.19	cps
Ytterbium	176-1	13866	14233	13741	13947	1.83	cps
Ytterbium	176-2	14019	14575	14047	14213	2.20	cps
Yttrium	89-1	10908237	11081259	11129581	11039692	1.05	cps
Yttrium	89-2	1237494	1230669	1233453	1233872	0.28	cps
Zinc	66-2	1248511	1204430	1206878	1219940	2.03	cps
Zirconium	90-1	5426083	5479502	5509625	5471737	0.77	cps
Zirconium	91-1	1201896	1200963	1198508	1200456	0.15	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:56:56	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	119	100	103	13.60	cps
Antimony	121-1	575	758	900	744	21.89	cps
Arsenic	75-2	8	6	2	5	57.28	cps
Barium	135-1	17	50	58	42	52.91	cps
Barium	137-1	75	100	100	92	15.75	cps
Beryllium	9-1	205	205	210	207	1.40	cps
Bismuth	209-1	5664692	5881735	5831897	5792775	1.96	cps
Bismuth	209-2	3008096	3004725	3003542	3005454	0.08	cps
Boron	10-1	16598	15922	15351	15957	3.91	cps
Boron	11-1	70638	68422	65697	68253	3.63	cps
Bromine	81-1	57408	58253	56664	57441	1.38	cps
Cadmium	111-1	2672	2647	2831	2717	3.68	cps
Cadmium	106-1	3751	3734	3992	3826	3.78	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	177	180	206	188	8.48	cps
Calcium	44-1	9459	9336	9103	9299	1.94	cps
Carbon	12-1	5160817	5161598	5188498	5170305	0.30	cps
Carbon	12-2	63964	65496	65756	65072	1.49	cps
Chlorine	35-1	1017378	1000244	989468	1002363	1.40	cps
Chlorine	35-2	7727	7344	6777	7283	6.57	cps
Chromium	52-2	510	557	563	543	5.35	cps
Cobalt	59-2	60	43	73	59	25.53	cps
Copper	63-2	853	770	1027	883	14.82	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	92	83	50	75	29.40	cps
Erbium	164-2	37	17	30	28	36.66	cps
Gadolinium	160-1	67	75	33	58	37.80	cps
Gadolinium	160-2	130	127	103	120	12.11	cps
Holmium	165-1	9044485	9267381	9188916	9166927	1.23	cps
Holmium	165-2	4283086	4195974	4138933	4205998	1.73	cps
Indium	115-1	7576151	7437904	7583305	7532454	1.09	cps
Indium	115-2	1179610	1162977	1179124	1173904	0.81	cps
Iron	54-2	872	667	672	737	15.89	cps
Iron	56-2	5396	5212	5151	5253	2.42	cps
Iron	57-2	261	200	172	211	21.54	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:56:56	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	310	355	360	342	8.06	cps
Lead	206-1	989	895	1006	963	6.22	cps
Lead	207-1	900	800	850	850	5.88	cps
Lead	208-1	3928	3689	3823	3813	3.14	cps
Lithium	6-1	4297018	4195960	4327547	4273508	1.61	cps
Magnesium	24-2	1067	850	1200	1039	17.00	cps
Manganese	55-2	113	80	103	99	17.30	cps
Molybdenum	94-1	442	433	417	431	2.96	cps
Molybdenum	95-1	575	583	533	564	4.75	cps
Molybdenum	96-1	542	600	458	533	13.35	cps
Molybdenum	97-1	408	300	292	333	19.52	cps
Molybdenum	98-1	708	783	633	708	10.59	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	43	30	23	32	31.61	cps
Phosphorus	31-2	92	92	75	86	11.18	cps
Potassium	39-2	21900	22167	22293	22120	0.91	cps
Rhodium	103-1	6862470	6938276	7006670	6935805	1.04	cps
Rhodium	103-2	3130902	3126474	3150592	3135989	0.41	cps
Scandium	45-1	5158276	5252575	5308573	5239808	1.45	cps
Scandium	45-2	169690	170974	172919	171194	0.95	cps
Selenium	82-1	51	1	8	20	136.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	48	57	55	12.03	cps
Silicon	28-1	894863	910699	900953	902172	0.89	cps
Silver	107-1	342	442	350	378	14.69	cps
Silver	109-1	400	325	317	347	13.22	cps
Sodium	23-2	20406	20957	19689	20351	3.13	cps
Strontium	86-1	825	683	775	761	9.44	cps
Strontium	88-1	2350	2175	2225	2250	4.01	cps
Sulfur	34-1	310449	311804	311078	311110	0.22	cps
Terbium	159-1	9103079	9201193	9421884	9242052	1.77	cps
Terbium	159-2	4120635	4065962	4010377	4065658	1.36	cps
Thallium	203-1	675	650	667	664	1.92	cps
Thallium	205-1	1508	1250	1450	1403	9.66	cps
Tin	118-1	458	567	408	478	16.94	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 15:56:56	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	258	208	258	19.35	cps
Uranium	238-1	150	167	100	139	24.98	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Ytterbium	172-1	67	50	50	56	17.32	cps
Ytterbium	172-2	22	50	22	31	50.95	cps
Ytterbium	176-1	1450	1308	1292	1350	6.44	cps
Ytterbium	176-2	8798	9670	9409	9292	4.82	cps
Yttrium	89-1	10928055	10940539	11158231	11008942	1.18	cps
Yttrium	89-2	1278571	1241730	1248281	1256194	1.56	cps
Zinc	66-2	240	220	190	217	11.62	cps
Zirconium	90-1	600	642	583	608	4.94	cps
Zirconium	91-1	108	108	100	106	4.56	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1525-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH25D3DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 16:00:05	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60524	59331	60044	59966	1.00	cps
Antimony	121-1	26627	27879	26910	27139	2.42	cps
Arsenic	75-2	428	416	418	421	1.53	cps
Barium	135-1	120301	118829	118266	119132	0.88	cps
Barium	137-1	209053	205391	208006	207484	0.91	cps
Beryllium	9-1	415	436	457	436	4.87	cps
Bismuth	209-1	5821812	5995563	6066764	5961380	2.11	cps
Bismuth	209-2	3083768	2981190	3053787	3039581	1.74	cps
Boron	10-1	15291	15111	14913	15105	1.25	cps
Boron	11-1	62458	65219	63618	63765	2.17	cps
Bromine	81-1	60533	62294	59919	60915	2.02	cps
Cadmium	111-1	5396	5498	5427	5440	0.96	cps
Cadmium	106-1	4201	4651	4409	4420	5.10	cps
Cadmium	108-1	296	250	258	268	9.11	cps
Calcium	43-1	417333	424934	414962	419076	1.24	cps
Calcium	44-1	6575011	6720913	6755873	6683932	1.44	cps
Carbon	12-1	6262663	6435695	6350797	6349718	1.36	cps
Carbon	12-2	77856	76734	76960	77183	0.77	cps
Chlorine	35-1	5054532	5683054	6000303	5579296	8.63	cps
Chlorine	35-2	49928	51836	52838	51534	2.87	cps
Chromium	52-2	47673	47355	47044	47357	0.66	cps
Cobalt	59-2	6598	6482	6238	6439	2.85	cps
Copper	63-2	55113	55050	53370	54511	1.81	cps
Dysprosium	156-1	3042	2859	2909	2937	3.23	cps
Dysprosium	156-2	1060	1070	1080	1070	0.93	cps
Erbium	164-1	2217	2209	2292	2239	2.05	cps
Erbium	164-2	1007	937	903	949	5.56	cps
Gadolinium	160-1	2584	2575	2509	2556	1.61	cps
Gadolinium	160-2	1273	1183	1223	1227	3.68	cps
Holmium	165-1	9233520	9148562	9298203	9226762	0.81	cps
Holmium	165-2	4204988	4207851	4251038	4221292	0.61	cps
Indium	115-1	7523244	7625379	7553382	7567335	0.69	cps
Indium	115-2	1192137	1184363	1194340	1190280	0.44	cps
Iron	54-2	226637	228937	223463	226346	1.21	cps
Iron	56-2	4268406	4131872	4222154	4207477	1.65	cps
Iron	57-2	104173	103065	103211	103483	0.58	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1525-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH25D3DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 16:00:05	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	390	384	359	377	4.38	cps
Lead	206-1	13160672	13717808	13517842	13465441	2.10	cps
Lead	207-1	11190889	11280072	11278264	11249742	0.45	cps
Lead	208-1	52211230	52305129	52631875	52382744	0.42	cps
Lithium	6-1	4260293	4337563	4226780	4274879	1.33	cps
Magnesium	24-2	139415	138453	135461	137776	1.50	cps
Manganese	55-2	105795	106000	106025	105940	0.12	cps
Molybdenum	94-1	2842	3225	3242	3103	7.29	cps
Molybdenum	95-1	1450	1975	1558	1661	16.69	cps
Molybdenum	96-1	2667	2509	2542	2573	3.25	cps
Molybdenum	97-1	1017	1075	1050	1047	2.79	cps
Molybdenum	98-1	2642	2709	2575	2642	2.52	cps
Neodymium	150-1	4461	4568	4668	4565	2.26	cps
Neodymium	150-2	1440	1467	1250	1386	8.53	cps
Nickel	60-2	2924	2890	2874	2896	0.88	cps
Phosphorus	31-2	1200	1008	917	1042	13.88	cps
Potassium	39-2	91154	90885	89947	90662	0.70	cps
Rhodium	103-1	6997017	7356276	7148731	7167341	2.52	cps
Rhodium	103-2	3186858	3155003	3189064	3176975	0.60	cps
Scandium	45-1	5413090	5492905	5340095	5415363	1.41	cps
Scandium	45-2	175426	175218	174156	174933	0.39	cps
Selenium	82-1	47	40	64	50	24.08	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	67	47	47	54	21.53	cps
Silicon	28-1	4216192	4265303	4146070	4209188	1.42	cps
Silver	107-1	1950	1917	2034	1967	3.06	cps
Silver	109-1	1667	1750	1817	1745	4.31	cps
Sodium	23-2	251242	250719	245417	249126	1.29	cps
Strontium	86-1	114301	112375	115570	114082	1.41	cps
Strontium	88-1	979043	971810	991051	980635	0.99	cps
Sulfur	34-1	476664	483954	476061	478893	0.92	cps
Terbium	159-1	9813200	9514540	9441249	9589663	2.05	cps
Terbium	159-2	3993461	4017823	4048626	4019970	0.69	cps
Thallium	203-1	750	800	817	789	4.40	cps
Thallium	205-1	1700	1625	1425	1583	8.98	cps
Tin	118-1	16636	16702	16769	16702	0.40	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1525-01DLX5	Instrumnet Name :	P8
Client Sample ID :	MH25D3DL	Dilution Factor :	5
Date & Time Acquired :	2023-02-16 16:00:05	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	38143	38661	38385	38397	0.67	cps
Uranium	238-1	5668	5768	5601	5679	1.48	cps
Vanadium	51-2	5504	5701	5338	5514	3.30	cps
Ytterbium	172-1	683	750	750	728	5.29	cps
Ytterbium	172-2	339	272	383	331	16.87	cps
Ytterbium	176-1	1967	2300	1809	2025	12.39	cps
Ytterbium	176-2	9431	9170	9859	9487	3.67	cps
Yttrium	89-1	11432896	11725999	11632004	11596966	1.29	cps
Yttrium	89-2	1291081	1277141	1263496	1277239	1.08	cps
Zinc	66-2	298082	291995	291840	293972	1.21	cps
Zirconium	90-1	5501	5718	6377	5865	7.77	cps
Zirconium	91-1	1133	1108	1142	1128	1.54	cps

LB Number : LB124120 Operator : Jaswal
 Lab Sample ID : O1516-02A Instrumnet Name : P8
 Client Sample ID : MW-15B-35-45-020923A Dilution Factor : 1
 Date & Time Acquired : 2023-02-16 16:03:12 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	669903	662259	641550	657904	2.23	cps
Antimony	121-1	2577850	2549026	2558599	2561825	0.57	cps
Arsenic	75-2	84715	83443	81216	83124	2.13	cps
Barium	135-1	3923071	3872400	3869434	3888302	0.78	cps
Barium	137-1	6702752	6649029	6688512	6680098	0.42	cps
Beryllium	9-1	1456762	1453583	1423884	1444743	1.26	cps
Bismuth	209-1	5854999	5665475	5815147	5778540	1.73	cps
Bismuth	209-2	2828683	3019528	2915255	2921155	3.27	cps
Boron	10-1	221698	228320	229715	226577	1.89	cps
Boron	11-1	859127	880336	894118	877861	2.01	cps
Bromine	81-1	78442	83975	83606	82008	3.77	cps
Cadmium	111-1	859142	852644	851087	854291	0.50	cps
Cadmium	106-1	99460	98006	100305	99257	1.17	cps
Cadmium	108-1	64454	64429	64353	64412	0.08	cps
Calcium	43-1	1488329	1455657	1493725	1479237	1.39	cps
Calcium	44-1	23305816	23314884	23814218	23478306	1.24	cps
Carbon	12-1	7414916	7865327	8234648	7838297	5.24	cps
Carbon	12-2	106266	106434	109027	107243	1.44	cps
Chlorine	35-1	2227673	2247786	2233124	2236194	0.47	cps
Chlorine	35-2	16810	17094	15776	16560	4.19	cps
Chromium	52-2	842475	823753	808412	824880	2.07	cps
Cobalt	59-2	1552112	1492180	1406213	1483502	4.94	cps
Copper	63-2	11330384	11192787	11140522	11221231	0.87	cps
Dysprosium	156-1	2659	2384	2759	2600	7.47	cps
Dysprosium	156-2	1067	997	1083	1049	4.38	cps
Erbium	164-1	3000	3084	2892	2992	3.21	cps
Erbium	164-2	1220	1033	1143	1132	8.29	cps
Gadolinium	160-1	2525	2625	2592	2581	1.97	cps
Gadolinium	160-2	1387	1247	1250	1295	6.17	cps
Holmium	165-1	9691721	9203458	9226955	9374045	2.94	cps
Holmium	165-2	4103819	4241340	4157017	4167392	1.66	cps
Indium	115-1	7547381	7394063	7465165	7468870	1.03	cps
Indium	115-2	1145806	1161960	1133392	1147052	1.25	cps
Iron	54-2	2241547	2193526	2147550	2194208	2.14	cps
Iron	56-2	39107711	37805998	37748738	38220816	2.01	cps
Iron	57-2	973778	939700	910401	941293	3.37	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:03:12	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	342	386	370	366	6.04	cps
Lead	206-1	12114201	11806253	12097250	12005901	1.44	cps
Lead	207-1	10435242	10414493	10330772	10393502	0.53	cps
Lead	208-1	48165786	48179398	47739979	48028387	0.52	cps
Lithium	6-1	4503820	4512500	4380131	4465484	1.66	cps
Magnesium	24-2	8893306	8684138	8718153	8765199	1.28	cps
Manganese	55-2	4843520	4783833	4654314	4760556	2.03	cps
Molybdenum	94-1	5468234	5501704	5432614	5467517	0.63	cps
Molybdenum	95-1	6226249	6259598	6202792	6229546	0.46	cps
Molybdenum	96-1	6801788	7013817	7075199	6963601	2.06	cps
Molybdenum	97-1	3741839	3873086	3816714	3810547	1.73	cps
Molybdenum	98-1	9813743	9982649	9807132	9867841	1.01	cps
Neodymium	150-1	2914	3140	3014	3023	3.76	cps
Neodymium	150-2	853	780	777	803	5.39	cps
Nickel	60-2	394034	385687	379381	386368	1.90	cps
Phosphorus	31-2	708	750	617	692	9.86	cps
Potassium	39-2	3130066	3146186	3003812	3093355	2.52	cps
Rhodium	103-1	6837909	6732784	6978754	6849816	1.80	cps
Rhodium	103-2	2996620	3007892	2959357	2987956	0.85	cps
Scandium	45-1	5502645	5320433	5578896	5467325	2.43	cps
Scandium	45-2	172762	176593	171178	173511	1.60	cps
Selenium	82-1	67224	67777	67985	67662	0.58	cps
Selenium	77-2	2217	2127	2024	2122	4.56	cps
Selenium	78-2	7253	7168	6761	7060	3.72	cps
Silicon	28-1	60751310	61813083	61955610	61506667	1.07	cps
Silver	107-1	4698969	4060905	5094811	4618228	11.30	cps
Silver	109-1	5029573	3578794	3619772	4076046	20.27	cps
Sodium	23-2	15646409	15258665	15559607	15488227	1.31	cps
Strontium	86-1	1569192	1544638	1616149	1576660	2.30	cps
Strontium	88-1	13522599	13413652	13575650	13503967	0.61	cps
Sulfur	34-1	373025	372495	368608	371376	0.65	cps
Terbium	159-1	9669845	9555574	9534758	9586726	0.76	cps
Terbium	159-2	4138500	4140964	4042823	4107429	1.36	cps
Thallium	203-1	2982445	2893973	2990299	2955573	1.81	cps
Thallium	205-1	6902305	6888626	7060790	6950574	1.38	cps
Tin	118-1	2473973	2549077	2531354	2518134	1.56	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	O1516-02A	Instrumnet Name :	P8
Client Sample ID :	MW-15B-35-45-020923A	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:03:12	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2024447	2027898	2009571	2020639	0.48	cps
Uranium	238-1	9765228	9936005	9788481	9829905	0.94	cps
Vanadium	51-2	676745	662354	636813	658637	3.07	cps
Ytterbium	172-1	642	700	692	678	4.65	cps
Ytterbium	172-2	294	322	528	382	33.43	cps
Ytterbium	176-1	8503	8678	8686	8623	1.20	cps
Ytterbium	176-2	12284	12223	12217	12241	0.30	cps
Yttrium	89-1	11325054	11158856	11519720	11334543	1.59	cps
Yttrium	89-2	1255664	1258347	1258684	1257565	0.13	cps
Zinc	66-2	1368447	1341170	1311209	1340275	2.14	cps
Zirconium	90-1	5571059	5372679	5493060	5478932	1.82	cps
Zirconium	91-1	1207294	1206120	1208585	1207333	0.10	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:06:08	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2880081	2806731	2847898	2844904	1.29	cps
Antimony	121-1	2496575	2513849	2423159	2477861	1.94	cps
Arsenic	75-2	74670	73085	72919	73558	1.31	cps
Barium	135-1	3539846	3600562	3416047	3518818	2.67	cps
Barium	137-1	6117383	6205918	5858269	6060523	2.98	cps
Beryllium	9-1	1316873	1311014	1361361	1329749	2.07	cps
Bismuth	209-1	5311053	5256894	5260158	5276035	0.58	cps
Bismuth	209-2	2694199	2602348	2622403	2639650	1.83	cps
Boron	10-1	611378	619394	631819	620864	1.66	cps
Boron	11-1	2414199	2384727	2445128	2414684	1.25	cps
Bromine	81-1	60925	58091	56201	58406	4.07	cps
Cadmium	111-1	729951	739712	716366	728676	1.61	cps
Cadmium	106-1	87276	88115	87880	87757	0.49	cps
Cadmium	108-1	58097	58285	57729	58037	0.49	cps
Calcium	43-1	5300477	5239289	5081998	5207255	2.16	cps
Calcium	44-1	82423987	83227767	79752779	81801511	2.22	cps
Carbon	12-1	6157470	6319911	6207187	6228189	1.34	cps
Carbon	12-2	81408	81493	79154	80685	1.64	cps
Chlorine	35-1	1279783	1282747	1228807	1263779	2.40	cps
Chlorine	35-2	8836	9495	8795	9042	4.35	cps
Chromium	52-2	774256	747153	736118	752509	2.61	cps
Cobalt	59-2	1352233	1348185	1332510	1344309	0.77	cps
Copper	63-2	10369932	10372695	10224273	10322300	0.82	cps
Dysprosium	156-1	742	817	650	736	11.34	cps
Dysprosium	156-2	330	293	317	313	5.92	cps
Erbium	164-1	208	142	192	181	19.22	cps
Erbium	164-2	60	47	60	56	13.85	cps
Gadolinium	160-1	758	942	617	772	21.10	cps
Gadolinium	160-2	343	450	450	414	14.86	cps
Holmium	165-1	9207655	8985898	8880844	9024799	1.85	cps
Holmium	165-2	4020198	4006178	4112316	4046230	1.43	cps
Indium	115-1	6886967	7036249	6703213	6875476	2.43	cps
Indium	115-2	1099682	1073238	1084223	1085714	1.22	cps
Iron	54-2	9241950	8732588	8400558	8791698	4.82	cps
Iron	56-2	163355054	155071242	157173765	158533354	2.72	cps
Iron	57-2	4025789	4091346	3957729	4024955	1.66	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:06:08	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	346	379	352	359	4.80	cps
Lead	206-1	11885123	11715838	11645830	11748930	1.05	cps
Lead	207-1	10517076	10515563	10026364	10353001	2.73	cps
Lead	208-1	48074798	47293957	46338623	47235792	1.84	cps
Lithium	6-1	4132462	4164294	4240688	4179148	1.33	cps
Magnesium	24-2	37741053	35904254	36149607	36598305	2.72	cps
Manganese	55-2	4375735	4182200	4155374	4237770	2.84	cps
Molybdenum	94-1	10504883	10299636	10479697	10428072	1.07	cps
Molybdenum	95-1	15014374	14696818	14846599	14852597	1.07	cps
Molybdenum	96-1	16711285	16334744	16422273	16489434	1.20	cps
Molybdenum	97-1	9251049	9267823	9202856	9240576	0.36	cps
Molybdenum	98-1	24042567	24461438	23224580	23909528	2.63	cps
Neodymium	150-1	540	340	567	482	25.69	cps
Neodymium	150-2	23	37	47	36	32.93	cps
Nickel	60-2	357952	350441	346161	351518	1.70	cps
Phosphorus	31-2	33380	31819	31009	32069	3.76	cps
Potassium	39-2	12644656	12787910	12432479	12621682	1.42	cps
Rhodium	103-1	6402964	6374757	6210138	6329286	1.65	cps
Rhodium	103-2	2770799	2782596	2814101	2789165	0.80	cps
Scandium	45-1	5307478	5301219	5145630	5251443	1.75	cps
Scandium	45-2	165384	171135	167523	168014	1.73	cps
Selenium	82-1	62412	62395	61243	62017	1.08	cps
Selenium	77-2	1820	1827	1860	1836	1.17	cps
Selenium	78-2	6509	6431	6563	6501	1.02	cps
Silicon	28-1	46082385	46740467	45155646	45992833	1.73	cps
Silver	107-1	3767974	3647061	3680237	3698424	1.69	cps
Silver	109-1	3537298	3608044	3433502	3526282	2.49	cps
Sodium	23-2	68429624	64649999	66988018	66689214	2.86	cps
Strontium	86-1	25144230	24858260	24970561	24991017	0.58	cps
Strontium	88-1	214333321	212138488	216075122	214182310	0.92	cps
Sulfur	34-1	729796	742085	711596	727826	2.11	cps
Terbium	159-1	9259508	9478729	9336788	9358342	1.19	cps
Terbium	159-2	3943442	3858440	3950577	3917486	1.31	cps
Thallium	203-1	2795107	2798687	2826060	2806618	0.60	cps
Thallium	205-1	6824174	6738495	6523031	6695233	2.32	cps
Tin	118-1	2438719	2501414	2400599	2446911	2.08	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:06:08	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4821145	4982401	4662350	4821965	3.32	cps
Uranium	238-1	9519454	9786349	9443522	9583108	1.88	cps
Vanadium	51-2	621068	616272	611145	616161	0.81	cps
Ytterbium	172-1	383	258	300	314	20.28	cps
Ytterbium	172-2	150	194	172	172	12.90	cps
Ytterbium	176-1	13841	14116	13891	13949	1.05	cps
Ytterbium	176-2	14241	14364	14447	14351	0.72	cps
Yttrium	89-1	11317060	11092608	10795246	11068305	2.36	cps
Yttrium	89-2	1219529	1199546	1213776	1210950	0.85	cps
Zinc	66-2	1231601	1207591	1209447	1216213	1.10	cps
Zirconium	90-1	5503813	5509324	5313367	5442168	2.05	cps
Zirconium	91-1	1205188	1195098	1192495	1197594	0.56	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:20:20	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	135	135	119	23.01	cps
Antimony	121-1	425	392	542	453	17.40	cps
Arsenic	75-2	6	2	8	5	57.28	cps
Barium	135-1	75	75	100	83	17.32	cps
Barium	137-1	42	108	183	111	63.79	cps
Beryllium	9-1	141	144	126	137	6.90	cps
Bismuth	209-1	5908082	5923561	5957217	5929620	0.42	cps
Bismuth	209-2	2958462	2944408	3096639	2999837	2.80	cps
Boron	10-1	8371	8373	8249	8331	0.85	cps
Boron	11-1	35265	35398	35083	35249	0.45	cps
Bromine	81-1	58201	58262	59961	58808	1.70	cps
Cadmium	111-1	2795	2687	2735	2739	1.99	cps
Cadmium	106-1	3976	3817	3851	3881	2.15	cps
Cadmium	108-1	42	21	21	28	43.32	cps
Calcium	43-1	135	151	177	155	13.87	cps
Calcium	44-1	8466	8798	9511	8925	5.99	cps
Carbon	12-1	4918261	5028131	4963211	4969868	1.11	cps
Carbon	12-2	62107	59044	60709	60620	2.53	cps
Chlorine	35-1	561115	555062	556899	557692	0.56	cps
Chlorine	35-2	3934	4276	4026	4078	4.34	cps
Chromium	52-2	560	510	523	531	4.87	cps
Cobalt	59-2	33	73	50	52	38.48	cps
Copper	63-2	830	750	970	850	13.10	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	33	27	13	24	41.66	cps
Gadolinium	160-1	42	58	58	53	18.23	cps
Gadolinium	160-2	127	153	127	136	11.36	cps
Holmium	165-1	8870932	9254774	9560910	9228872	3.75	cps
Holmium	165-2	4090316	4136754	4141482	4122851	0.69	cps
Indium	115-1	7424768	7389099	7563984	7459284	1.24	cps
Indium	115-2	1171287	1183188	1165696	1173391	0.76	cps
Iron	54-2	628	778	783	730	12.10	cps
Iron	56-2	4206	5051	5479	4912	13.18	cps
Iron	57-2	217	189	239	215	11.66	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:20:20	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	374	362	356	364	2.44	cps
Lead	206-1	828	922	822	857	6.56	cps
Lead	207-1	678	778	761	739	7.25	cps
Lead	208-1	2989	3561	3684	3411	10.87	cps
Lithium	6-1	4379297	4319951	4338241	4345830	0.70	cps
Magnesium	24-2	933	1350	1242	1175	18.40	cps
Manganese	55-2	123	157	163	148	14.50	cps
Molybdenum	94-1	283	250	350	294	17.29	cps
Molybdenum	95-1	350	417	492	419	16.90	cps
Molybdenum	96-1	350	458	433	414	13.70	cps
Molybdenum	97-1	125	208	267	200	35.60	cps
Molybdenum	98-1	308	525	392	408	26.77	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	23	27	43	31	34.44	cps
Phosphorus	31-2	92	125	42	86	48.71	cps
Potassium	39-2	21917	22251	21942	22037	0.84	cps
Rhodium	103-1	6937386	7285212	7243159	7155252	2.65	cps
Rhodium	103-2	3118125	3087232	3160622	3121993	1.18	cps
Scandium	45-1	5269739	5413469	5320952	5334720	1.37	cps
Scandium	45-2	173206	173533	175871	174203	0.83	cps
Selenium	82-1	19	13	-14	6	295.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	64	74	57	65	13.14	cps
Silicon	28-1	894599	886068	878365	886344	0.92	cps
Silver	107-1	1784	1300	750	1278	40.46	cps
Silver	109-1	1617	1075	758	1150	37.74	cps
Sodium	23-2	15258	16076	16201	15845	3.23	cps
Strontium	86-1	583	725	950	753	24.56	cps
Strontium	88-1	908	1534	2459	1634	47.75	cps
Sulfur	34-1	331223	328813	326588	328875	0.70	cps
Terbium	159-1	9471023	9499255	9397912	9456063	0.55	cps
Terbium	159-2	4025834	4084028	4028498	4046120	0.81	cps
Thallium	203-1	367	525	492	461	18.10	cps
Thallium	205-1	967	1017	958	981	3.22	cps
Tin	118-1	625	508	625	586	11.49	cps

LB Number :	LB124120	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-02-16 16:20:20	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	325	192	247	28.07	cps
Uranium	238-1	67	142	150	119	38.42	cps
Vanadium	51-2	7	43	17	22	85.27	cps
Ytterbium	172-1	17	67	75	53	59.77	cps
Ytterbium	172-2	61	39	28	43	39.84	cps
Ytterbium	176-1	1242	1267	1408	1306	6.88	cps
Ytterbium	176-2	8775	9326	8975	9025	3.09	cps
Yttrium	89-1	11390315	11282587	11514112	11395671	1.02	cps
Yttrium	89-2	1262744	1253368	1250666	1255593	0.50	cps
Zinc	66-2	203	240	257	233	11.69	cps
Zirconium	90-1	467	450	667	528	22.84	cps
Zirconium	91-1	83	58	117	86	33.98	cps