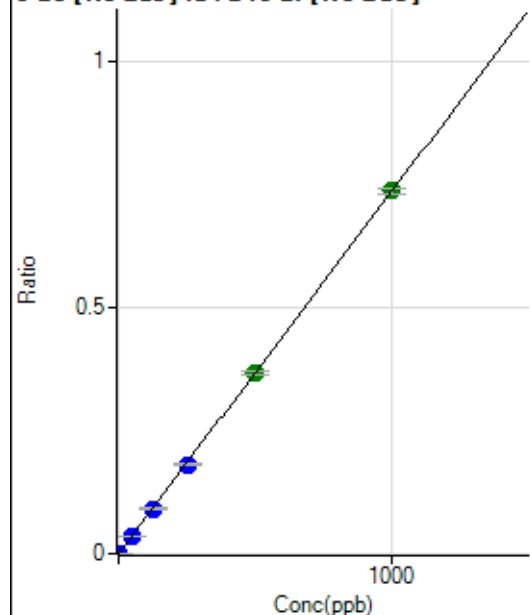


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8101521-MS.b\
Analysis File: P8101521-MS.batch.bin
DA Date-Time: 2021-10-15 16:53:34
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-10-15 13:58:51
2	005CAL.S.d	S02	2021-10-15 14:05:00
3	006CAL.S.d	S03	2021-10-15 14:08:05
4	007CAL.S.d	S04	2021-10-15 14:11:09
5	008CAL.S.d	S05	2021-10-15 14:14:14
6	009CAL.S.d	S06	2021-10-15 14:17:18
7	013CAL.S.d	S07	2021-10-15 14:29:44
8	014CAL.S.d	S08	2021-10-15 14:32:50

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	129.31	0.0000	P	44.0
2	☐	1.000	0.944	2649.05	0.0007	P	5.3
3	☐	50.000	49.164	133500.95	0.0362	P	4.0
4	☐	125.000	123.978	342160.56	0.0913	P	3.0
5	☐	250.000	244.812	658776.49	0.1803	P	2.0
6	☐	500.000	498.363	1330439.81	0.3670	A	1.5
7	☐	1000.000	1002.285	2655878.86	0.7381	A	1.8
8	☐			792.53	0.0002	P	3.1

$$y = 7.3640\text{E-}004 * x + 3.6127\text{E-}005$$

$$R = 1.0000$$

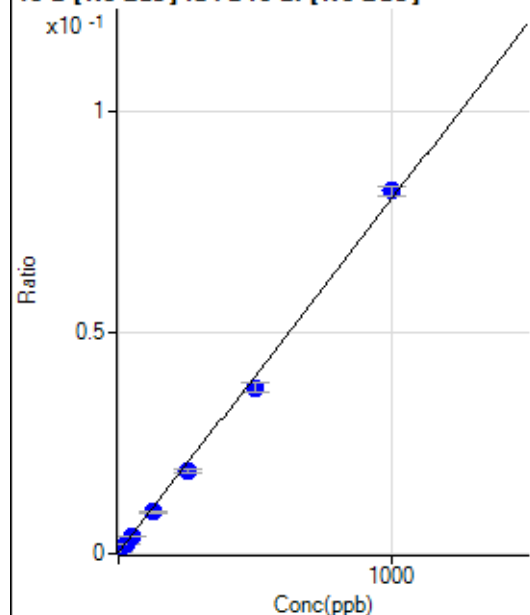
$$DL = 0.06471$$

$$BEC = 0.04906$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1013.17	0.0003	P	4.0
2	☐	25.000	22.292	7478.44	0.0021	P	1.7
3	☐	50.000	44.785	14220.79	0.0039	P	1.7
4	☐	125.000	115.012	35494.47	0.0095	P	3.0
5	☐	250.000	229.636	67970.18	0.0186	P	6.0
6	☐	500.000	465.791	135757.45	0.0375	P	6.2
7	☐	1000.000	1023.773	295080.26	0.0820	P	2.8
8	☐			36151.26	0.0102	P	7.1

$$y = 7.9827\text{E-}005 * x + 2.8325\text{E-}004$$

$$R = 0.9990$$

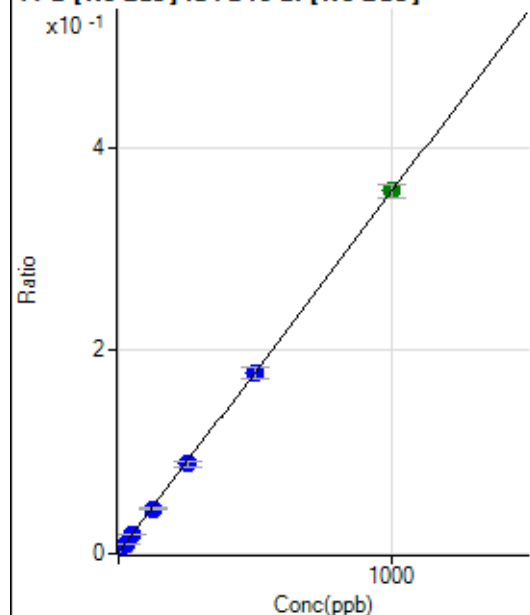
$$DL = 0.4233$$

$$BEC = 3.548$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4721.84	0.0013	P	4.5
2	☐	25.000	23.785	35368.12	0.0098	P	1.8
3	☐	50.000	48.041	67659.74	0.0184	P	3.3
4	☐	125.000	121.066	165982.91	0.0443	P	3.6
5	☐	250.000	245.998	323375.17	0.0886	P	6.4
6	☐	500.000	497.914	644721.14	0.1779	P	5.4
7	☐	1000.000	1002.664	1284312.20	0.3569	A	4.0
8	☐			172046.11	0.0486	P	7.6

$$y = 3.5465E-004 * x + 0.0013$$

R = 1.0000

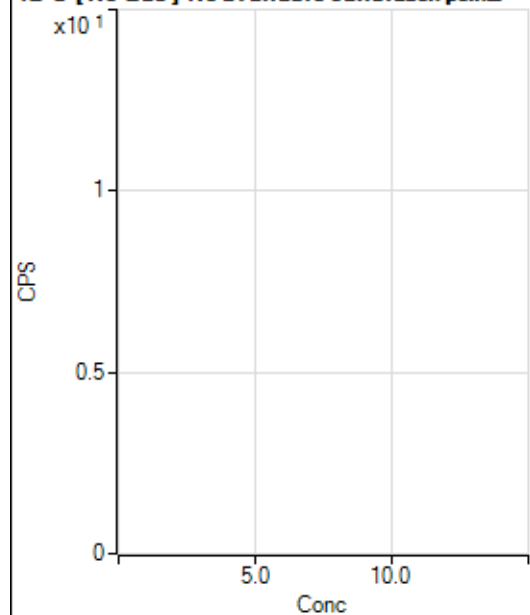
DL = 0.5001

BEC = 3.721

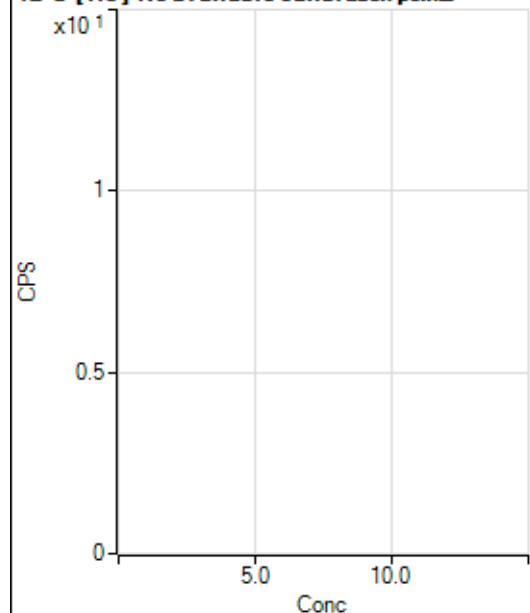
Weight: <None>

Min Conc: 0

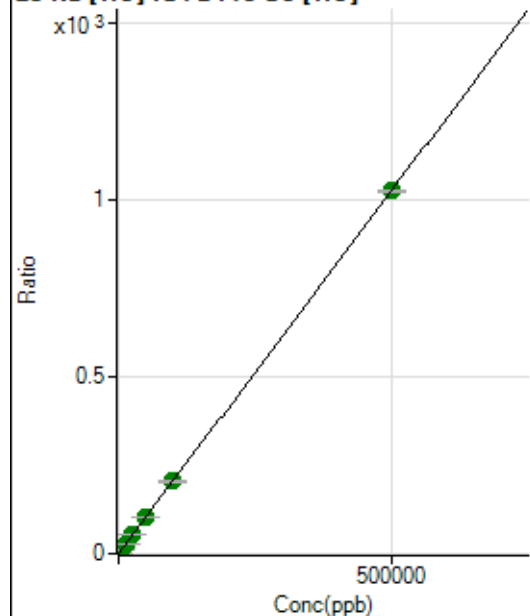
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6309684.04		A	1.2
2	☐			6380097.06		A	0.2
3	☐			6810343.56		A	1.6
4	☐			7038016.39		A	1.5
5	☐			7033520.90		A	0.9
6	☐			7370743.57		A	1.5
7	☐			8048345.41		A	3.4
8	☐			8169190.89		A	1.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62985.44		P	1.6
2	☐			64065.20		P	1.4
3	☐			70670.24		P	1.9
4	☐			72347.66		P	0.1
5	☐			72598.96		P	1.5
6	☐			76644.84		P	0.8
7	☐			87332.10		P	0.1
8	☐			92666.54		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22167.34	0.0984	P	1.4
2	☐	500.000	513.437	266842.05	1.1514	P	1.1
3	☐	5000.000	5158.008	2521969.24	10.6767	A	0.8
4	☐	12500.000	12739.866	6157878.09	26.2259	A	1.2
5	☐	25000.000	26055.639	12108360.77	53.5344	A	1.9
6	☐	50000.000	50306.599	22918115.27	103.2693	A	1.4
7	☐	100000.00	99982.151	48115419.13	205.1459	A	1.8
8	☐	500000.00	499912.53	237098588.6	1,025.339	A	0.5

$$y = 0.0021 * x + 0.0984$$

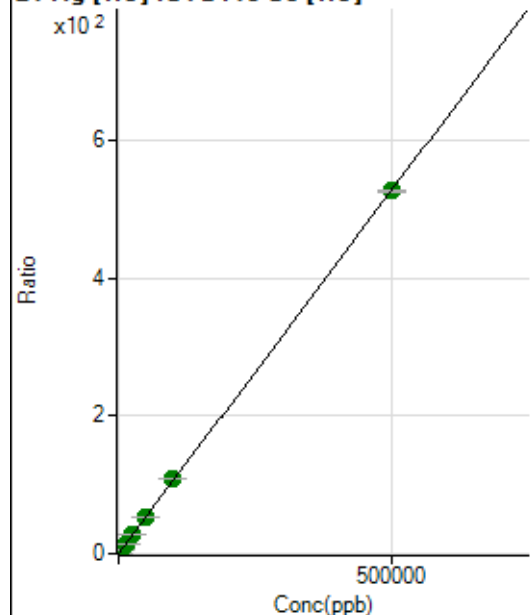
$$R = 1.0000$$

$$DL = 2.053$$

$$BEC = 48$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	413.91	0.0018	P	7.5
2	☐	500.000	508.815	124650.38	0.5378	P	1.0
3	☐	5000.000	5353.195	1332487.91	5.6408	A	1.5
4	☐	12500.000	12970.131	3208521.06	13.6644	A	0.8
5	☐	25000.000	26222.024	6247632.74	27.6238	A	1.0
6	☐	50000.000	51255.095	11982443.24	53.9934	A	0.9
7	☐	100000.00	102178.55	25247439.63	107.6357	A	0.5
8	☐	500000.00	499362.38	121636159.6	526.0250	A	0.2

$$y = 0.0011 * x + 0.0018$$

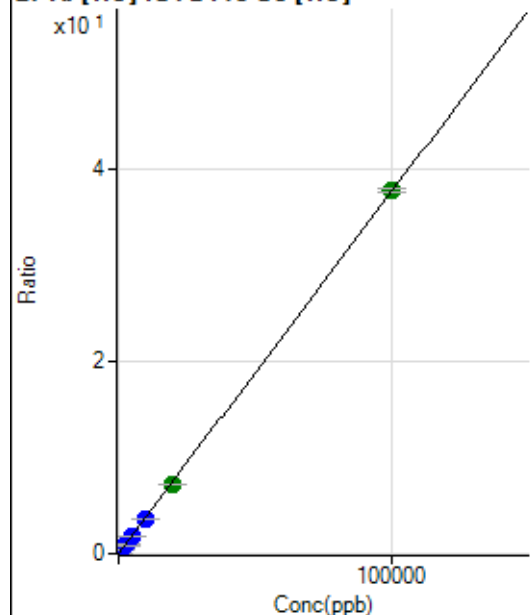
$$R = 1.0000$$

$$DL = 0.392$$

$$BEC = 1.746$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	149.98	0.0007	P	6.1
2	☐	20.000	20.118	1907.81	0.0082	P	2.0
3	☐	1000.000	955.949	85068.27	0.3601	P	0.3
4	☐	2500.000	2388.860	211057.30	0.8989	P	0.7
5	☐	5000.000	4748.810	403983.84	1.7862	P	0.4
6	☐	10000.000	9374.421	782378.94	3.5254	P	0.8
7	☐	20000.000	19256.621	1698438.88	7.2411	A	1.3
8	☐	100000.00	100227.01	8714123.56	37.6859	A	1.1

$$y = 3.7600E-004 * x + 6.6608E-004$$

$$R = 1.0000$$

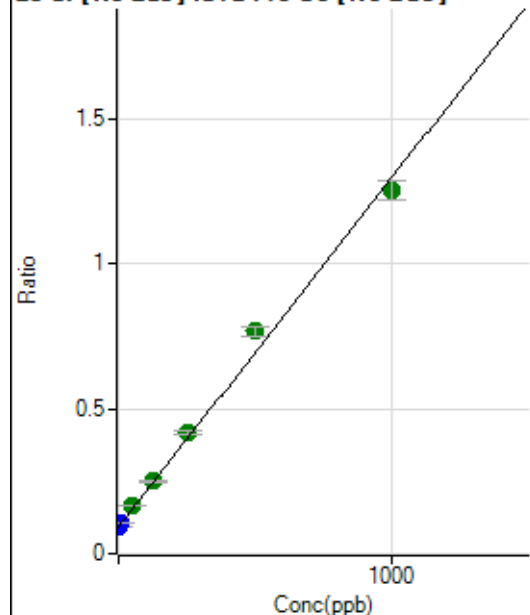
$$DL = 0.3266$$

$$BEC = 1.771$$

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	616346.40	0.0927	P	2.2
2	☐	10.000	11.574	708969.21	0.1067	P	2.8
3	☐	50.000	58.481	1088372.58	0.1631	A	0.6
4	☐	125.000	131.670	1745117.97	0.2513	A	2.1
5	☐	250.000	271.051	2803298.48	0.4191	A	4.1
6	☐	500.000	560.836	5136202.76	0.7681	A	3.9
7	☐	1000.000	963.046	8654842.04	1.2525	A	5.2
8	☐			982240.76	0.1445	A	1.3

$$y = 0.0012 * x + 0.0927$$

R = 0.9969

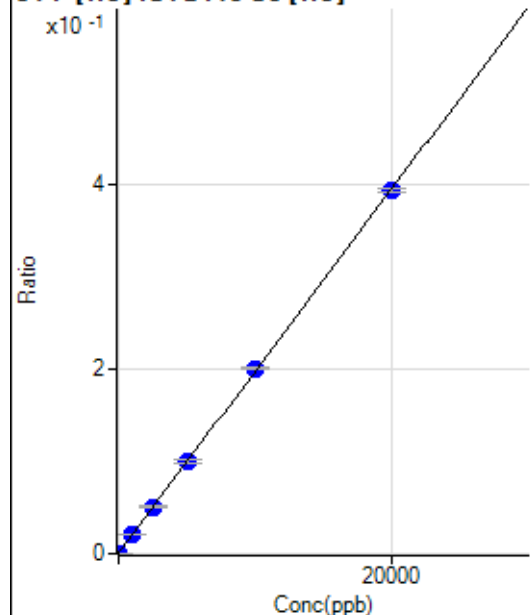
DL = 5.011

BEC = 76.99

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	2.824	125.00	0.0006	P	7.1
2	☐	0.000	-2.824	102.78	0.0004	P	17.3
3	☐	1000.000	1001.756	4787.03	0.0203	P	4.0
4	☐	2500.000	2562.204	11991.32	0.0511	P	2.0
5	☐	5000.000	5055.973	22682.04	0.1003	P	3.3
6	☐	10000.000	10150.909	44574.94	0.2009	P	1.6
7	☐	20000.000	19902.689	92263.37	0.3933	P	1.1
8	☐			155.56	0.0007	P	13.5

$$y = 1.9738E-005 * x + 4.9951E-004$$

R = 0.9999

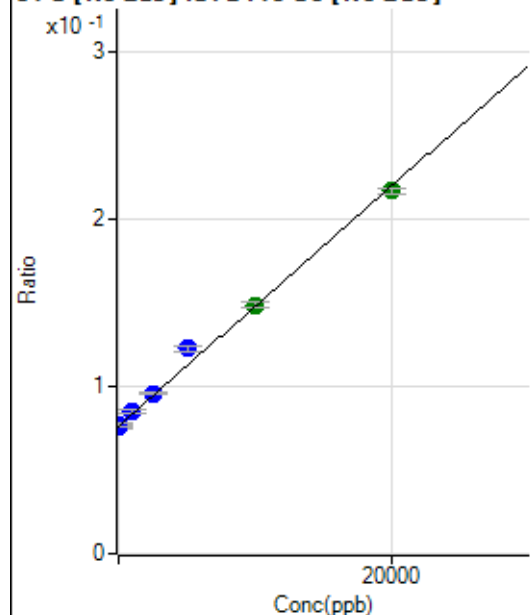
DL = 8.845

BEC = 25.31

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	-69.548	503325.59	0.0757	P	1.9
2	☐	0.000	69.548	509917.34	0.0767	P	2.9
3	☐	1000.000	1174.759	564606.36	0.0846	P	2.7
4	☐	2500.000	2718.033	664777.95	0.0957	P	0.6
5	☐	5000.000	6459.125	820090.97	0.1226	P	2.3
6	☐	10000.000	10042.484	991056.77	0.1483	A	2.4
7	☐	20000.000	19577.985	1498512.16	0.2168	A	1.8
8	☐			435404.10	0.0641	P	1.4

$$y = 7.1799\text{E-}006 * x + 0.0762$$

$$R = 0.9969$$

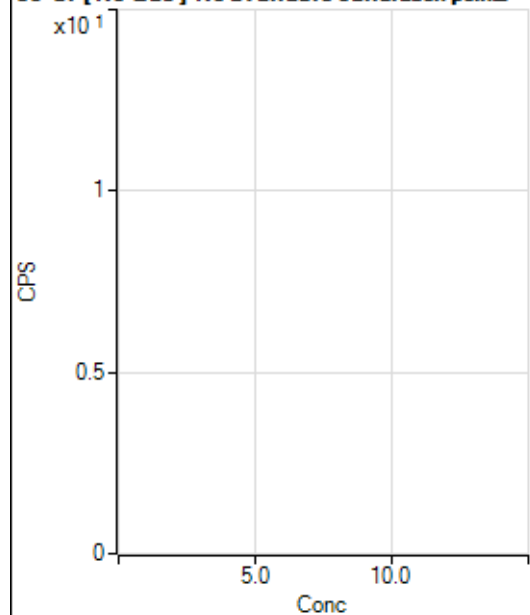
$$DL = 777.2$$

$$BEC = 1.061\text{E}+04$$

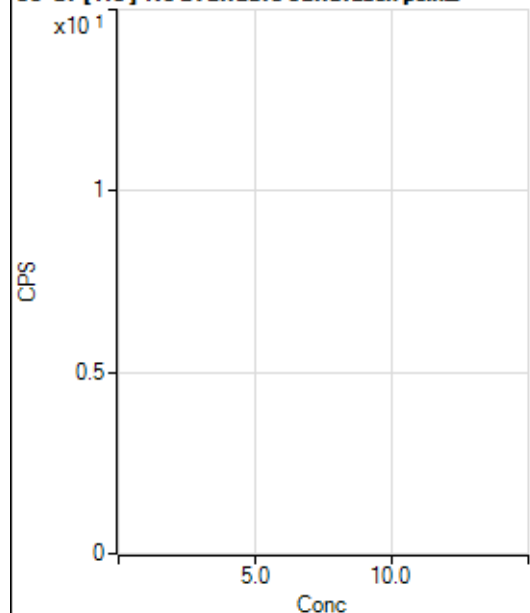
Weight: <None>

Min Conc: 0

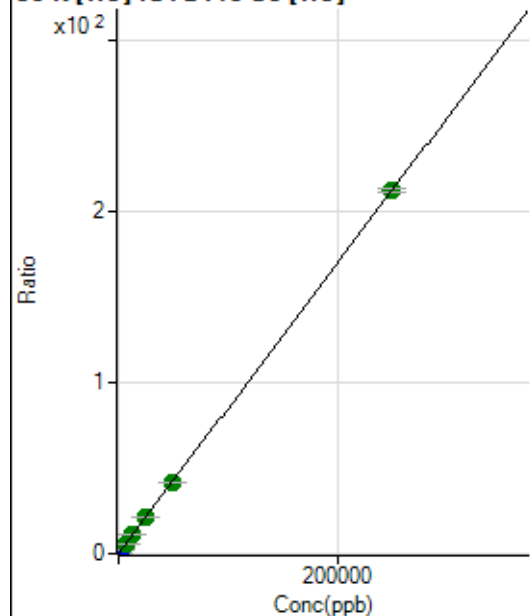
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3392190.79		A	1.0
2	☐			3673909.63		A	1.3
3	☐			3415086.97		A	2.0
4	☐			3102361.16		A	1.2
5	☐			2689888.49		A	1.8
6	☐			2101844.56		A	1.7
7	☐			1594376.72		A	1.4
8	☐			1792748.80		A	1.3

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25152.98		P	2.9
2	☐			28420.12		P	1.6
3	☐			24649.29		P	0.4
4	☐			21841.91		P	0.8
5	☐			18072.90		P	3.7
6	☐			13103.46		P	4.1
7	☐			10048.17		P	4.9
8	☐			12678.11		P	1.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22298.19	0.0990	P	2.6
2	☐	500.000	493.626	119997.02	0.5178	P	1.7
3	☐	2500.000	2543.015	533002.84	2.2565	P	1.0
4	☐	6250.000	6454.555	1309041.84	5.5750	A	0.2
5	☐	12500.000	12952.563	2507791.12	11.0878	A	1.3
6	☐	25000.000	24712.051	4674711.26	21.0644	A	0.8
7	☐	50000.000	49267.650	9827118.80	41.8970	A	0.8
8	☐	250000.00	250147.10	49097577.14	212.3203	A	1.2

$$y = 8.4839E-004 * x + 0.0990$$

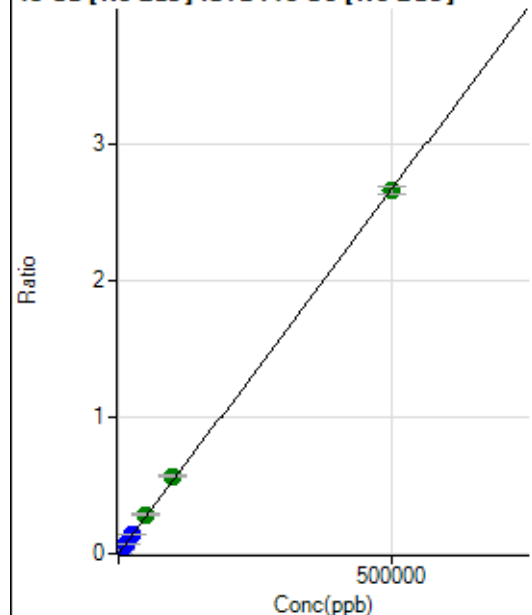
$$R = 1.0000$$

$$DL = 9.169$$

$$BEC = 116.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	625.36	0.0001	P	35.3
2	☐	500.000	484.247	17807.55	0.0027	P	3.0
3	☐	5000.000	5192.210	185546.62	0.0278	P	1.6
4	☐	12500.000	12993.065	482379.69	0.0695	P	0.9
5	☐	25000.000	25935.688	927014.45	0.1386	P	2.0
6	☐	50000.000	54013.779	1928030.39	0.2885	A	0.8
7	☐	100000.00	106216.69	3920395.79	0.5672	A	3.1
8	☐	500000.00	498294.26	18084997.11	2.6605	A	2.2

$$y = 5.3391\text{E-}006 * x + 9.3529\text{E-}005$$

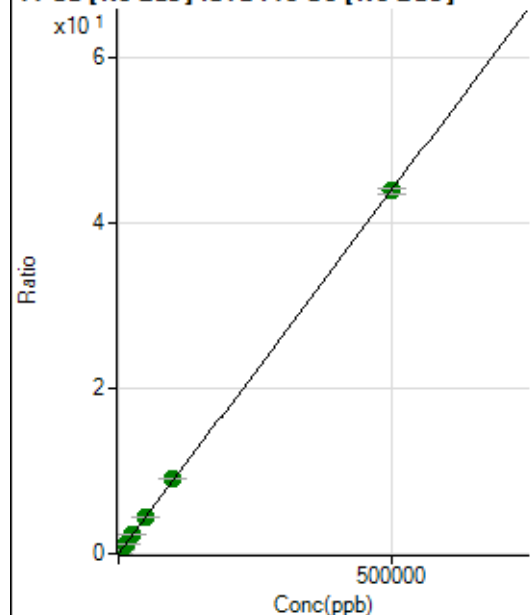
$$R = 0.9999$$

$$DL = 18.55$$

$$BEC = 17.52$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48860.15	0.0073	P	4.2
2	☐	500.000	486.068	332318.54	0.0500	P	3.6
3	☐	5000.000	5225.482	3108168.93	0.4659	A	1.2
4	☐	12500.000	13050.792	8004574.49	1.1527	A	1.0
5	☐	25000.000	25640.373	15107598.87	2.2576	A	0.6
6	☐	50000.000	51347.679	30167785.33	4.5137	A	0.6
7	☐	100000.00	103304.00	62725129.05	9.0735	A	1.3
8	☐	500000.00	499156.40	297833511.2	43.8143	A	1.8

$$y = 8.7762\text{E-}005 * x + 0.0073$$

$$R = 1.0000$$

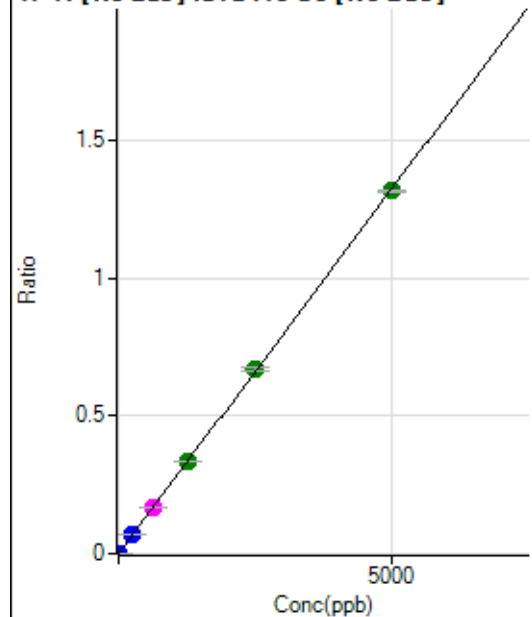
$$DL = 10.57$$

$$BEC = 83.67$$

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	402.80	0.0001	P	40.3
2	☐	5.000	4.956	9114.28	0.0014	P	6.6
3	☐	250.000	258.749	457269.61	0.0686	P	1.7
4	☐	625.000	633.737	1165390.07	0.1678	M	1.1
5	☐	1250.000	1270.089	2249976.74	0.3363	A	0.2
6	☐	2500.000	2529.755	4475187.95	0.6697	A	1.9
7	☐	5000.000	4978.571	9112190.66	1.3179	A	0.6
8	☐			3158.77	0.0005	P	10.9

$$y = 2.6470\text{E-}004 * x + 6.0193\text{E-}005$$

$$R = 1.0000$$

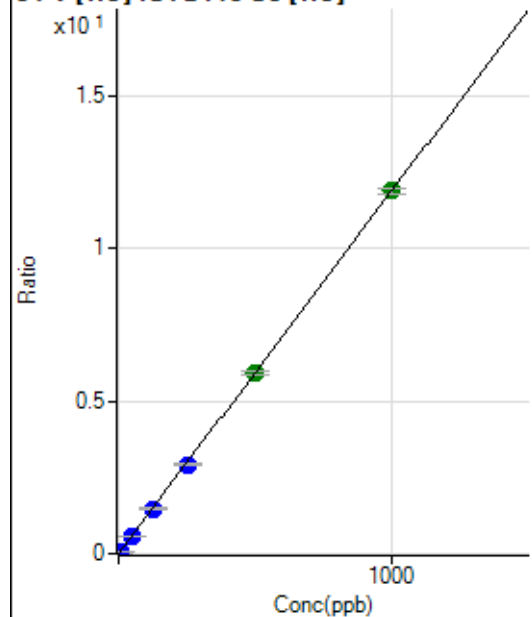
$$DL = 0.2751$$

$$BEC = 0.2274$$

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	15.56	0.0001	P	55.0
2	☐	5.000	5.012	13811.19	0.0596	P	1.1
3	☐	50.000	49.222	138090.84	0.5846	P	1.0
4	☐	125.000	124.239	346451.42	1.4755	P	1.1
5	☐	250.000	246.635	662458.22	2.9291	P	0.9
6	☐	500.000	500.232	1318374.77	5.9407	A	2.1
7	☐	1000.000	1000.859	2787832.28	11.8860	A	1.7
8	☐			821.15	0.0036	P	4.9

$$y = 0.0119 * x + 6.9433\text{E-}005$$

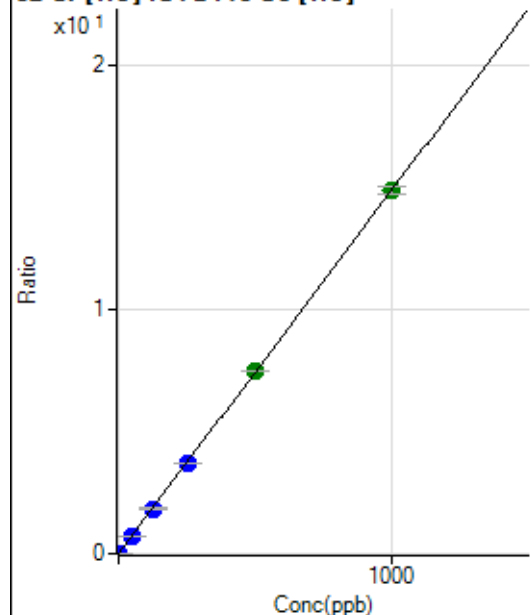
$$R = 1.0000$$

$$DL = 0.009654$$

$$BEC = 0.005847$$

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	958.93	0.0043	P	5.7
2	☐	2.000	2.055	8056.78	0.0348	P	1.6
3	☐	50.000	49.623	175025.22	0.7409	P	1.4
4	☐	125.000	123.801	432539.31	1.8422	P	1.0
5	☐	250.000	248.723	836070.07	3.6967	P	0.2
6	☐	500.000	502.745	1657292.15	7.4678	A	0.9
7	☐	1000.000	999.116	3479756.55	14.8368	A	2.1
8	☐			9248.63	0.0400	P	2.3

$$y = 0.0148 * x + 0.0043$$

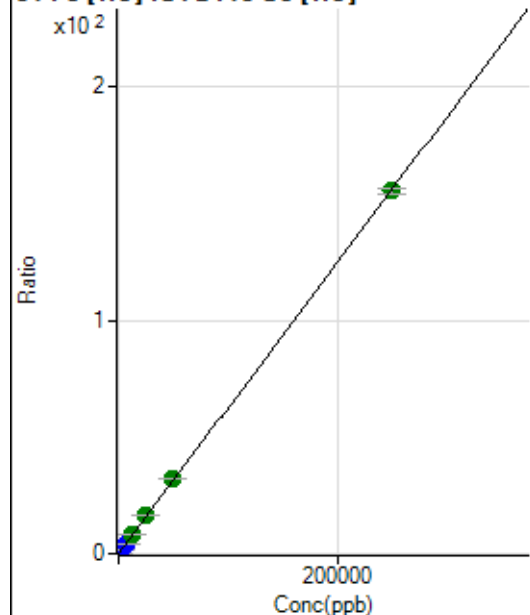
$$R = 1.0000$$

$$DL = 0.04935$$

$$BEC = 0.2868$$

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	738.92	0.0033	P	7.5
2	☐	50.000	53.228	8447.09	0.0364	P	0.9
3	☐	2500.000	2579.439	380464.06	1.6106	P	0.7
4	☐	6250.000	6558.148	960333.15	4.0898	P	1.9
5	☐	12500.000	13599.268	1917424.42	8.4773	A	1.8
6	☐	25000.000	26364.610	3646594.03	16.4316	A	1.5
7	☐	50000.000	51496.857	7527048.60	32.0920	A	1.7
8	☐	250000.00	249500.70	35949741.54	155.4722	A	1.8

$$y = 6.2312E-004 * x + 0.0033$$

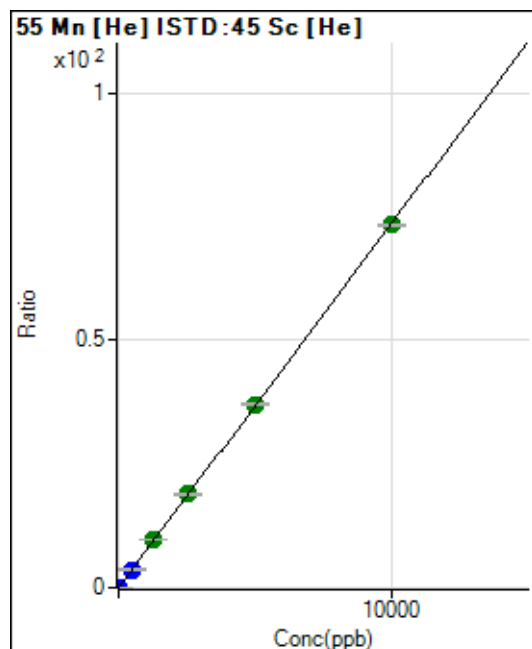
$$R = 1.0000$$

$$DL = 1.191$$

$$BEC = 5.267$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	93.33	0.0004	P	5.2
2	☐	1.000	1.040	1871.25	0.0081	P	3.0
3	☐	500.000	500.904	871573.41	3.6899	P	1.1
4	☐	1250.000	1304.608	2256478.82	9.6097	A	1.4
5	☐	2500.000	2563.475	4270557.33	18.8821	A	0.8
6	☐	5000.000	5026.964	8217250.43	37.0274	A	1.4
7	☐	10000.000	9963.778	17214823.22	73.3904	A	0.2
8	☐			25247.99	0.1092	P	1.7

$$y = 0.0074 * x + 4.1433E-004$$

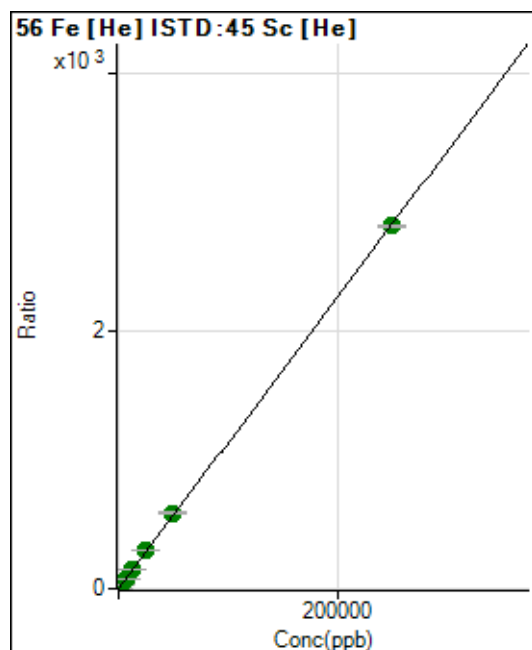
$$R = 1.0000$$

$$DL = 0.008782$$

$$BEC = 0.05625$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5966.16	0.0265	P	3.0
2	☐	50.000	52.865	144229.07	0.6223	P	1.4
3	☐	2500.000	2679.740	7141084.30	30.2306	A	1.4
4	☐	6250.000	6682.046	17690797.62	75.3417	A	0.7
5	☐	12500.000	13170.484	33580437.32	148.4747	A	0.3
6	☐	25000.000	26464.438	66203229.72	298.3147	A	1.4
7	☐	50000.000	52103.515	137762081.7	587.3000	A	0.8
8	☐	250000.00	249386.73	649983088.6	2,810.934	A	0.8

$$y = 0.0113 * x + 0.0265$$

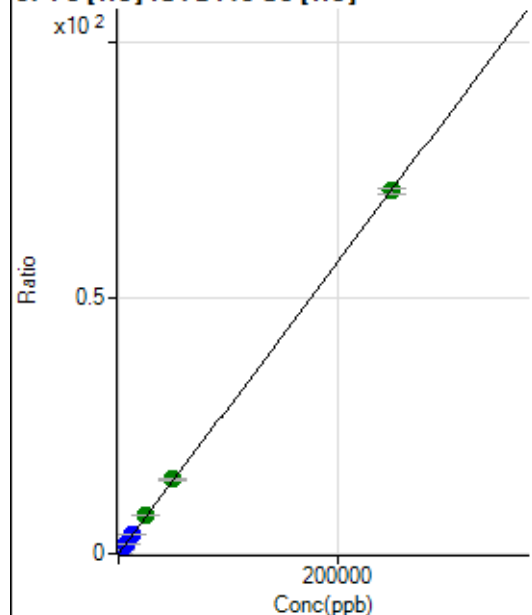
$$R = 1.0000$$

$$DL = 0.2125$$

$$BEC = 2.35$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	229.64	0.0010	P	15.8
2	☐	50.000	50.639	3572.73	0.0154	P	5.6
3	☐	2500.000	2556.436	171973.21	0.7280	P	2.1
4	☐	6250.000	6398.536	427490.11	1.8207	P	1.4
5	☐	12500.000	12734.306	819286.94	3.6225	P	0.7
6	☐	25000.000	26058.320	1644831.85	7.4117	A	1.6
7	☐	50000.000	51524.891	3436771.26	14.6541	A	2.6
8	☐	250000.00	249573.19	16411617.26	70.9766	A	1.6

$$y = 2.8439\text{E-}004 * x + 0.0010$$

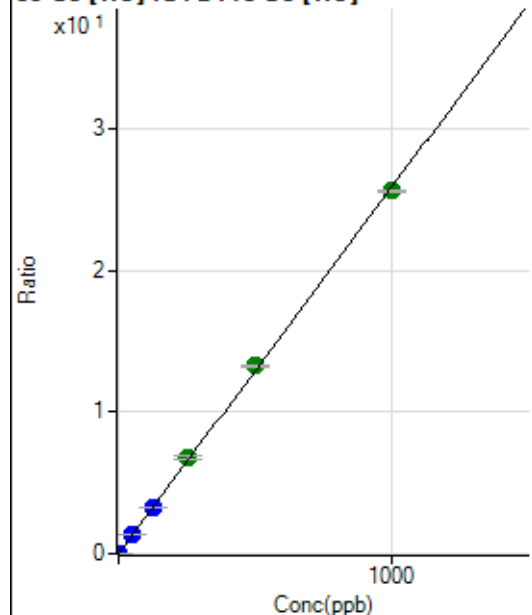
$$R = 1.0000$$

$$DL = 1.702$$

$$BEC = 3.585$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.33	0.0004	P	21.2
2	☐	1.000	1.012	6162.49	0.0266	P	1.3
3	☐	50.000	50.693	310204.27	1.3132	P	0.7
4	☐	125.000	127.373	774615.13	3.2990	P	0.8
5	☐	250.000	261.062	1529166.33	6.7612	A	3.5
6	☐	500.000	512.365	2944789.26	13.2694	A	1.0
7	☐	1000.000	990.721	6018102.41	25.6576	A	0.9
8	☐			14330.65	0.0620	P	0.6

$$y = 0.0259 * x + 3.7015\text{E-}004$$

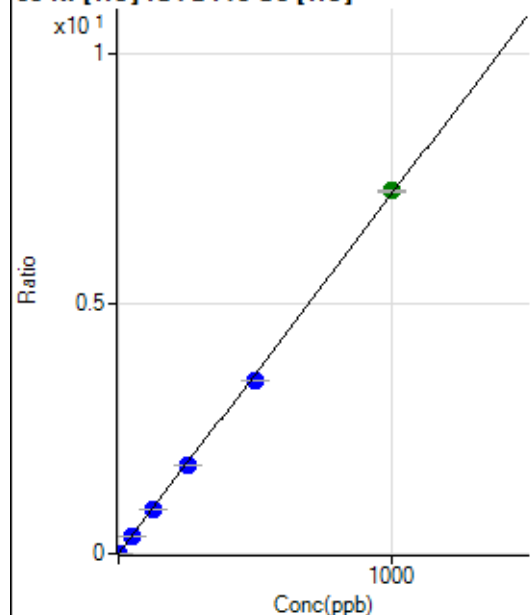
$$R = 0.9998$$

$$DL = 0.009105$$

$$BEC = 0.01429$$

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	137.78	0.0006	P	28.3
2	☐	1.000	1.074	1927.93	0.0083	P	4.6
3	☐	50.000	49.963	84854.31	0.3592	P	1.1
4	☐	125.000	123.991	209090.64	0.8905	P	0.3
5	☐	250.000	247.535	401935.05	1.7771	P	0.3
6	☐	500.000	482.654	768873.64	3.4646	P	0.3
7	☐	1000.000	1009.417	1699381.68	7.2451	A	0.7
8	☐			4869.77	0.0211	P	3.9

$$y = 0.0072 * x + 6.1011E-004$$

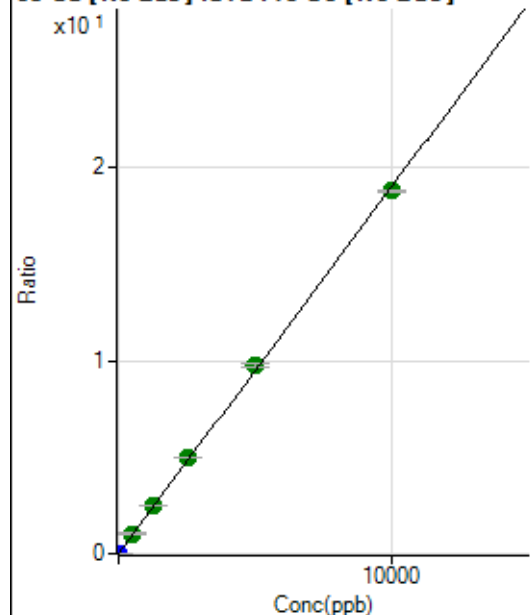
$$R = 0.9998$$

$$DL = 0.07222$$

$$BEC = 0.08501$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5007.51	0.0007	P	36.8
2	☐	2.000	1.785	27511.16	0.0041	P	2.8
3	☐	500.000	550.300	6975810.36	1.0459	A	2.8
4	☐	1250.000	1314.455	17341119.31	2.4971	A	0.5
5	☐	2500.000	2614.435	33230390.78	4.9659	A	0.2
6	☐	5000.000	5128.605	65089872.06	9.7407	A	2.2
7	☐	10000.000	9896.517	129945830.4	18.7957	A	0.7
8	☐			219813.95	0.0323	P	2.7

$$y = 0.0019 * x + 7.4872E-004$$

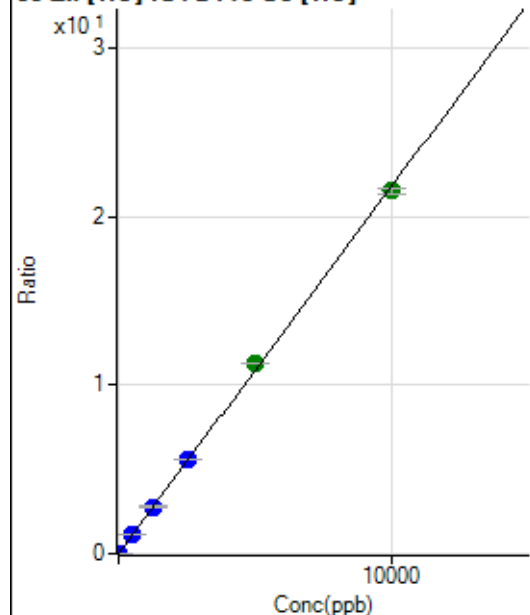
$$R = 0.9998$$

$$DL = 0.4354$$

$$BEC = 0.3942$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	586.69	0.0026	P	13.3
2	☐	2.000	1.962	1594.55	0.0069	P	4.5
3	☐	500.000	516.466	266427.06	1.1279	P	1.7
4	☐	1250.000	1278.720	654802.15	2.7888	P	1.7
5	☐	2500.000	2574.671	1269341.00	5.6125	P	0.8
6	☐	5000.000	5193.332	2511809.98	11.3183	A	0.3
7	☐	10000.000	9880.253	5049918.36	21.5306	A	1.4
8	☐			10748.61	0.0465	P	2.1

$$y = 0.0022 * x + 0.0026$$

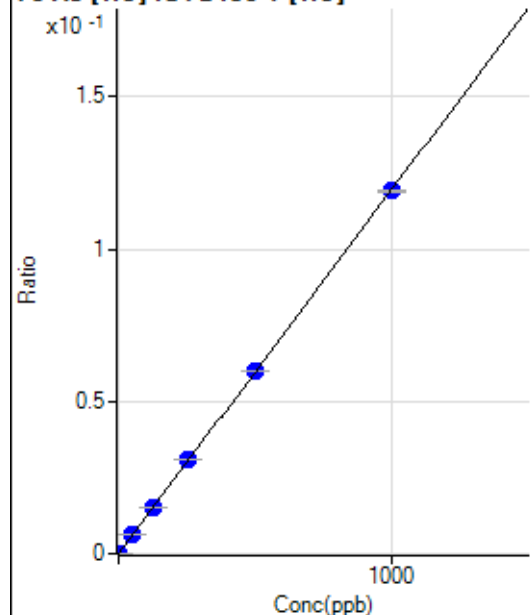
$$R = 0.9997$$

$$DL = 0.4791$$

$$BEC = 1.197$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	5.9
2	☐	1.000	1.055	328.71	0.0001	P	3.7
3	☐	50.000	50.940	15934.90	0.0061	P	1.9
4	☐	125.000	126.472	39669.36	0.0151	P	1.8
5	☐	250.000	257.819	76925.75	0.0308	P	0.6
6	☐	500.000	501.139	149360.54	0.0599	P	0.3
7	☐	1000.000	997.244	309092.41	0.1191	P	0.7
8	☐			132.68	0.0001	P	11.7

$$y = 1.1944E-004 * x + 3.3595E-006$$

$$R = 1.0000$$

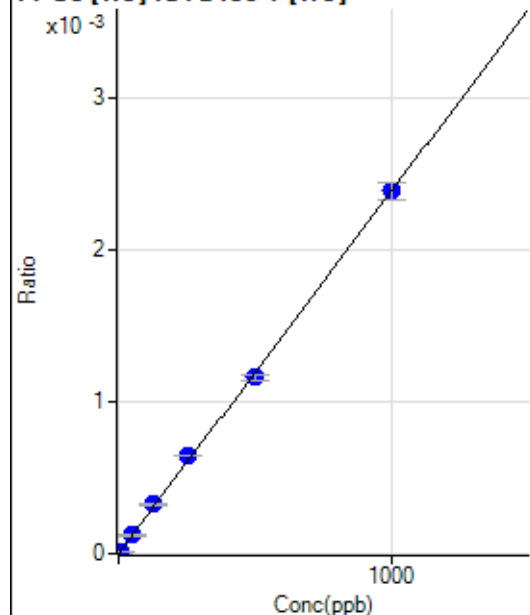
$$DL = 0.00502$$

$$BEC = 0.02813$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	3.858	24.44	0.0000	P	23.5
3	☐	50.000	51.954	325.56	0.0001	P	10.9
4	☐	125.000	135.122	847.81	0.0003	P	1.1
5	☐	250.000	271.106	1616.78	0.0006	P	1.1
6	☐	500.000	486.254	2895.89	0.0012	P	3.8
7	☐	1000.000	1000.239	6193.65	0.0024	P	5.0
8	☐			3.33	0.0000	P	100.

$$y = 2.3859\text{E-}006 * x + 4.4276\text{E-}007$$

$$R = 0.9996$$

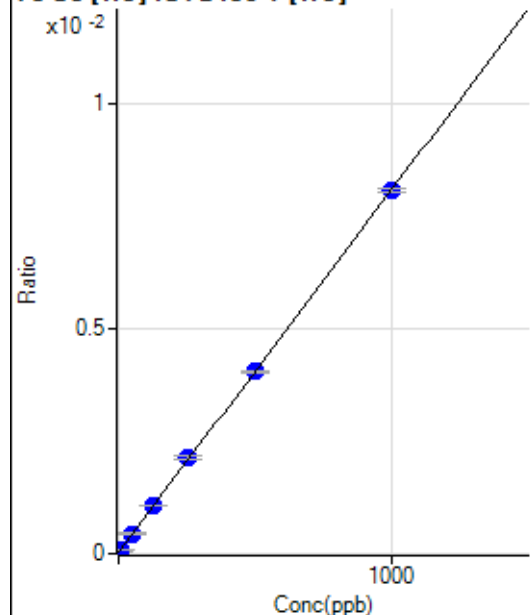
$$DL = 0.9643$$

$$BEC = 0.1856$$

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	72.68	0.0000	P	7.9
2	☐	5.000	5.573	188.69	0.0001	P	16.7
3	☐	50.000	52.040	1174.50	0.0004	P	4.6
4	☐	125.000	128.685	2798.23	0.0011	P	3.4
5	☐	250.000	261.049	5325.55	0.0021	P	2.7
6	☐	500.000	498.462	10091.97	0.0040	P	0.7
7	☐	1000.000	997.441	20926.27	0.0081	P	1.1
8	☐			88.34	0.0000	P	8.2

$$y = 8.0552\text{E-}006 * x + 2.9323\text{E-}005$$

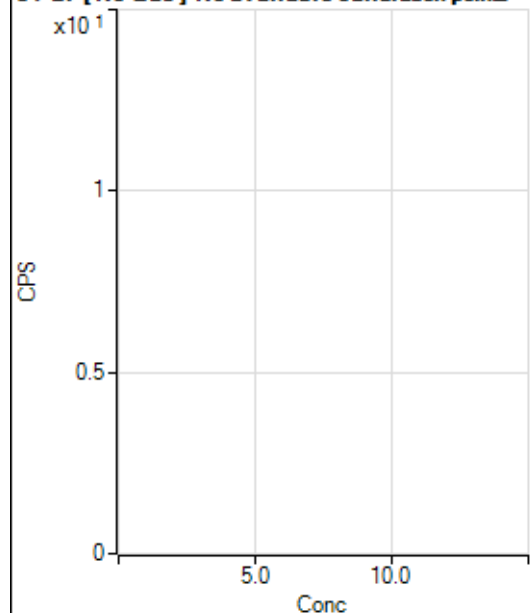
$$R = 0.9999$$

$$DL = 0.8581$$

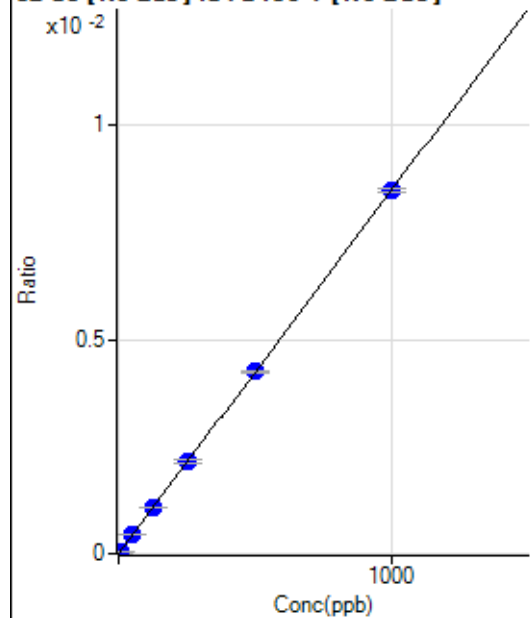
$$BEC = 3.64$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22695.04		P	2.1
2	☐			23139.64		P	1.1
3	☐			23263.58		P	3.0
4	☐			22621.67		P	0.4
5	☐			22631.72		P	2.4
6	☐			22748.56		P	4.9
7	☐			22658.35		P	2.5
8	☐			23396.96		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.33	0.0000	P	261.
2	☐	5.000	4.918	919.19	0.0000	P	9.5
3	☐	50.000	51.446	9525.61	0.0004	P	2.2
4	☐	125.000	127.893	24087.70	0.0011	P	2.1
5	☐	250.000	253.466	46451.25	0.0022	P	3.4
6	☐	500.000	500.857	91759.18	0.0043	P	1.5
7	☐	1000.000	998.272	184162.17	0.0085	P	1.0
8	☐			225.57	0.0000	P	23.8

$$y = 8.4885E-006 * x + 1.2862E-006$$

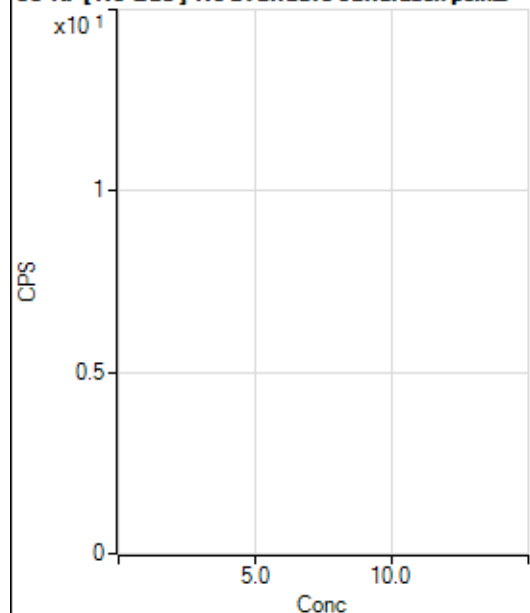
$$R = 1.0000$$

$$DL = 1.189$$

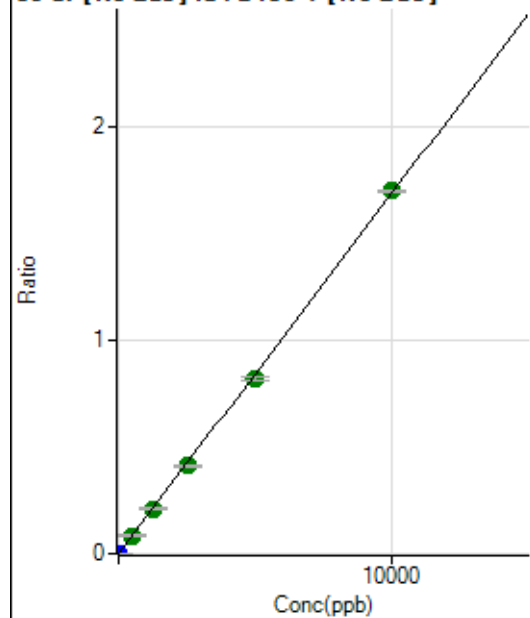
$$BEC = 0.1515$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			930.04		P	7.2
2	☐			913.37		P	9.0
3	☐			916.71		P	6.9
4	☐			966.71		P	12.1
5	☐			938.93		P	7.1
6	☐			875.59		P	7.5
7	☐			952.27		P	4.1
8	☐			946.71		P	3.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2094.69	0.0001	P	25.0
2	☐	1.000	0.912	5392.86	0.0003	P	3.8
3	☐	500.000	503.823	1850930.81	0.0851	A	2.5
4	☐	1250.000	1243.702	4652954.96	0.2100	A	2.1
5	☐	2500.000	2431.604	8858413.04	0.4104	A	1.4
6	☐	5000.000	4871.034	17734021.93	0.8220	A	2.3
7	☐	10000.000	10082.178	36970316.80	1.7013	A	0.7
8	☐			30269.55	0.0014	P	6.0

$$y = 1.6873E-004 * x + 9.8657E-005$$

$$R = 0.9998$$

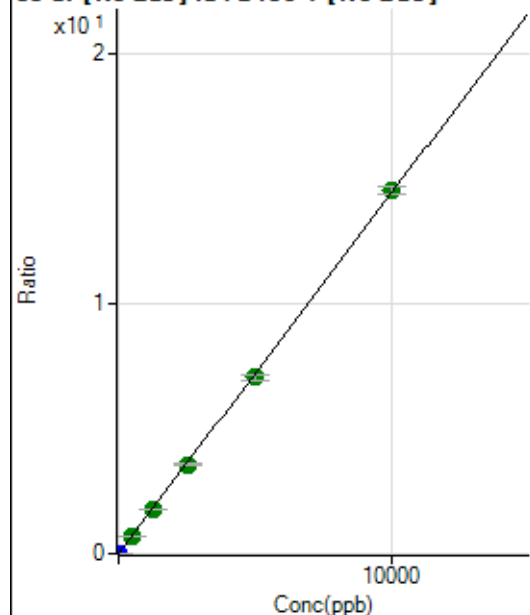
$$DL = 0.4385$$

$$BEC = 0.5847$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4540.82	0.0002	P	88.5
2	☐	1.000	0.951	33844.88	0.0016	P	4.1
3	☐	500.000	494.776	15513361.81	0.7133	A	1.6
4	☐	1250.000	1237.323	39526273.80	1.7834	A	1.5
5	☐	2500.000	2465.959	76700398.24	3.5540	A	2.2
6	☐	5000.000	4889.046	151990583.9	7.0460	A	3.5
7	☐	10000.000	10065.833	315185615.3	14.5064	A	2.1
8	☐			243565.85	0.0111	P	5.5

$$y = 0.0014 * x + 2.1384E-004$$

$$R = 0.9999$$

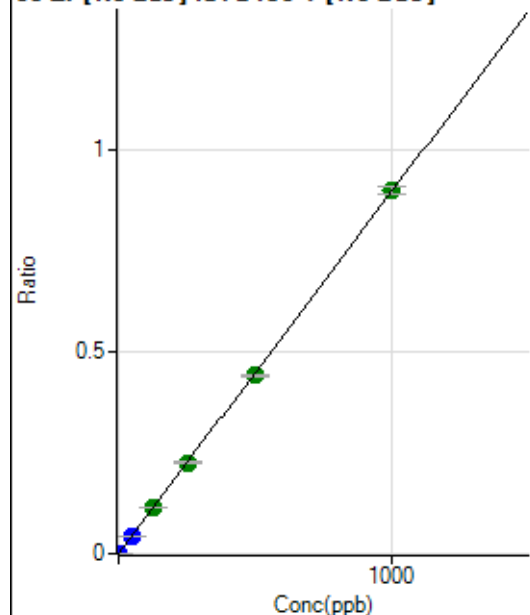
$$DL = 0.3939$$

$$BEC = 0.1484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1141.75	0.0001	P	18.3
2	☐	1.000	0.942	19149.73	0.0009	P	2.2
3	☐	50.000	49.322	961467.14	0.0442	P	1.2
4	☐	125.000	128.267	2545834.34	0.1149	A	1.7
5	☐	250.000	250.684	4844788.65	0.2245	A	1.8
6	☐	500.000	493.046	9525363.67	0.4414	A	1.0
7	☐	1000.000	1002.931	19509766.41	0.8978	A	2.3
8	☐			12380.84	0.0006	P	8.4

$$y = 8.9514E-004 * x + 5.3797E-005$$

$$R = 1.0000$$

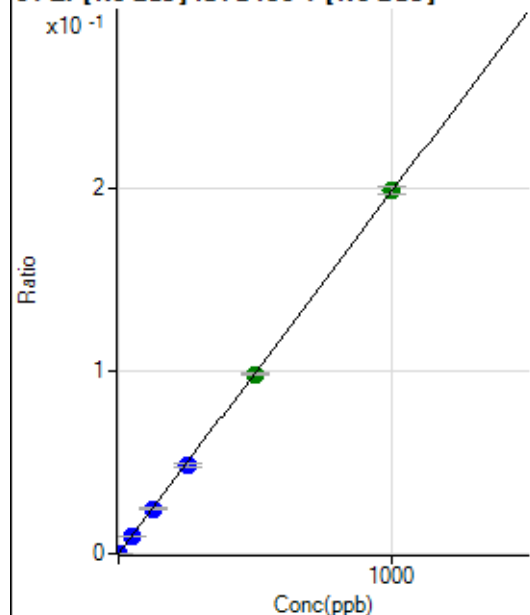
$$DL = 0.03296$$

$$BEC = 0.0601$$

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	208.34	0.0000	P	28.5
2	☐	1.000	0.907	4050.72	0.0002	P	0.4
3	☐	50.000	49.489	213563.62	0.0098	P	3.3
4	☐	125.000	124.585	547491.82	0.0247	P	2.5
5	☐	250.000	246.364	1053830.09	0.0488	P	4.0
6	☐	500.000	495.984	2121634.16	0.0983	A	1.3
7	☐	1000.000	1002.995	4320072.58	0.1988	A	2.2
8	☐			2633.66	0.0001	P	11.4

$$y = 1.9823\text{E-}004 * x + 9.8182\text{E-}006$$

$$R = 1.0000$$

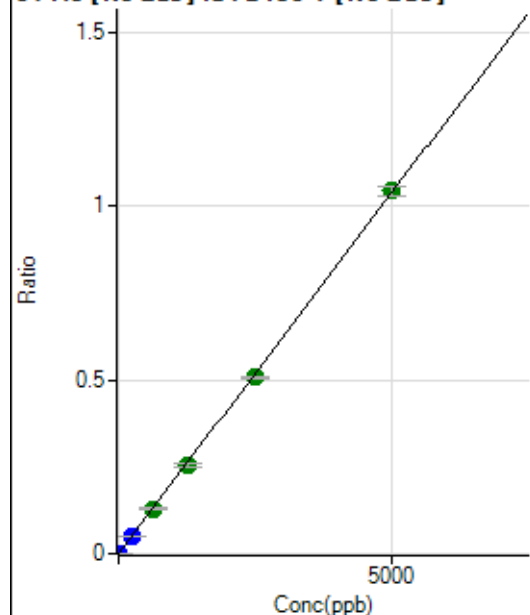
$$DL = 0.04237$$

$$BEC = 0.04953$$

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	541.69	0.0000	P	43.6
2	☐	5.000	4.812	21845.45	0.0010	P	2.5
3	☐	250.000	243.638	1099160.63	0.0505	P	2.1
4	☐	625.000	626.003	2877051.95	0.1298	A	1.5
5	☐	1250.000	1226.364	5487488.32	0.2543	A	3.2
6	☐	2500.000	2446.058	10942765.53	0.5072	A	1.7
7	☐	5000.000	5033.073	22671857.97	1.0435	A	2.7
8	☐			11140.95	0.0005	P	11.8

$$y = 2.0733\text{E-}004 * x + 2.5488\text{E-}005$$

$$R = 0.9999$$

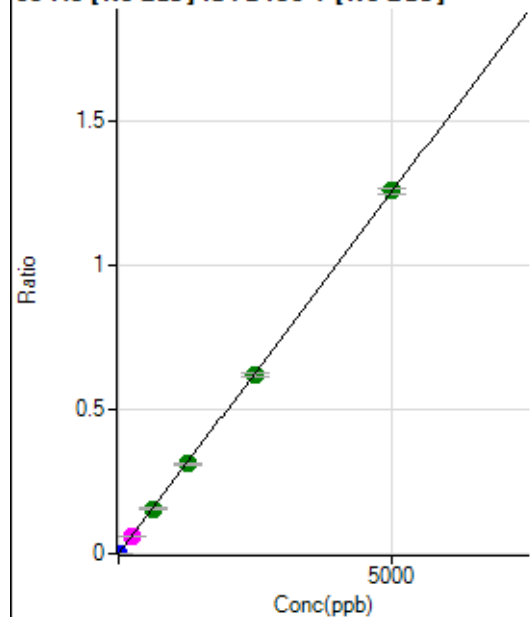
$$DL = 0.1608$$

$$BEC = 0.1229$$

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	388.91	0.0000	P	81.2
2	☐	5.000	4.920	26759.71	0.0013	P	2.7
3	☐	250.000	242.827	1326050.63	0.0610	M	3.2
4	☐	625.000	624.842	3477592.09	0.1569	A	0.6
5	☐	1250.000	1245.343	6747706.40	0.3126	A	2.0
6	☐	2500.000	2468.055	13366409.67	0.6196	A	2.8
7	☐	5000.000	5017.515	27368581.51	1.2596	A	1.9
8	☐			10893.49	0.0005	P	10.0

$$y = 2.5104\text{E-}004 * x + 1.8325\text{E-}005$$

R = 1.0000

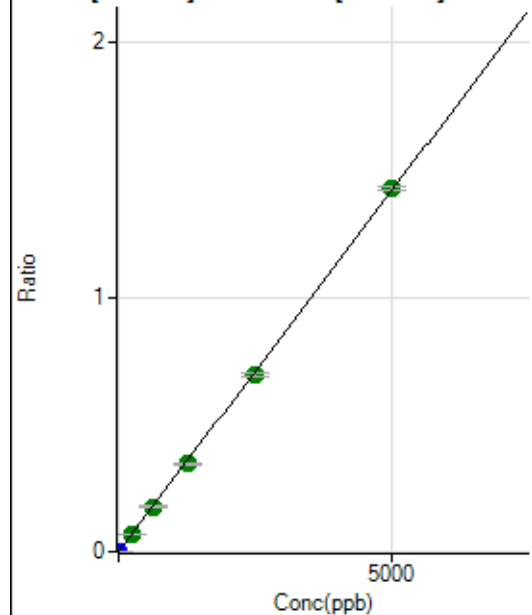
DL = 0.1778

BEC = 0.073

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	533.36	0.0000	P	42.5
2	☐	5.000	4.787	29487.45	0.0014	P	3.0
3	☐	250.000	247.600	1525786.38	0.0702	A	3.5
4	☐	625.000	626.086	3930823.00	0.1774	A	2.0
5	☐	1250.000	1220.118	7458281.33	0.3456	A	2.9
6	☐	2500.000	2450.111	14972837.14	0.6940	A	2.5
7	☐	5000.000	5032.400	30975447.57	1.4255	A	1.2
8	☐			23679.39	0.0011	P	5.8

$$y = 2.8326\text{E-}004 * x + 2.5118\text{E-}005$$

R = 0.9999

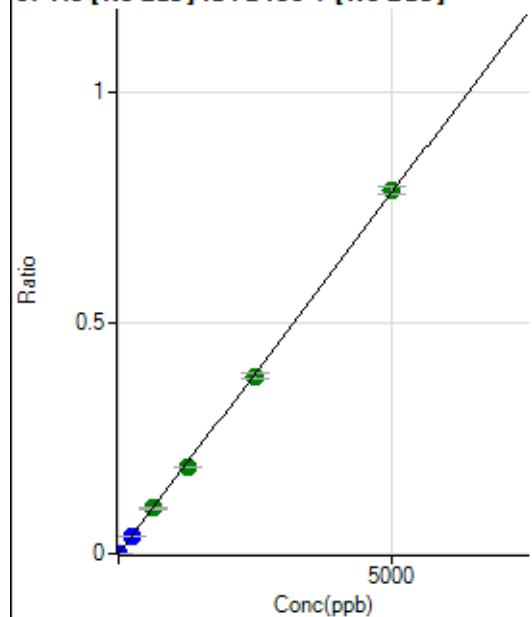
DL = 0.113

BEC = 0.08868

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	219.45	0.0000	P	84.2
2	☐	5.000	4.908	16582.57	0.0008	P	4.6
3	☐	250.000	242.649	824257.54	0.0379	P	2.6
4	☐	625.000	627.481	2171580.39	0.0980	A	2.5
5	☐	1250.000	1197.228	4035966.15	0.1870	A	1.1
6	☐	2500.000	2463.245	8297069.11	0.3847	A	4.0
7	☐	5000.000	5031.628	17073270.35	0.7857	A	2.1
8	☐			6685.15	0.0003	P	16.5

$$y = 1.5616\text{E-}004 * x + 1.0339\text{E-}005$$

$$R = 0.9999$$

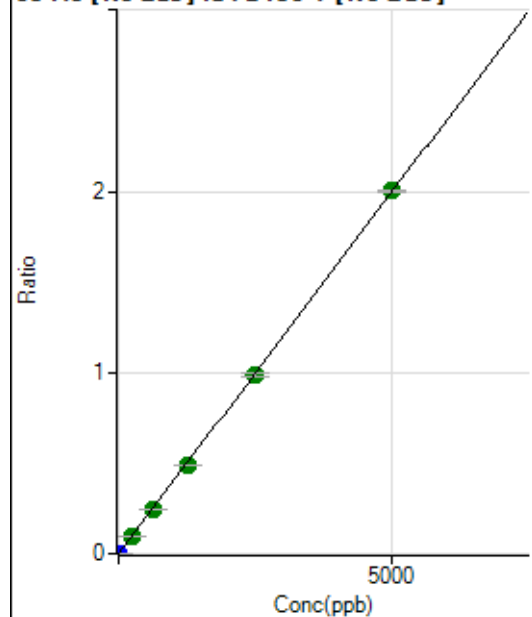
$$DL = 0.1672$$

$$BEC = 0.06621$$

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	627.83	0.0000	P	75.3
2	☐	5.000	4.892	42276.35	0.0020	P	1.6
3	☐	250.000	245.399	2128681.02	0.0979	A	2.9
4	☐	625.000	620.613	5485632.50	0.2475	A	1.3
5	☐	1250.000	1223.709	10532479.40	0.4880	A	1.7
6	☐	2500.000	2473.458	21280464.19	0.9863	A	2.8
7	☐	5000.000	5020.622	43505447.15	2.0020	A	0.8
8	☐			16123.66	0.0007	P	9.5

$$y = 3.9875\text{E-}004 * x + 2.9585\text{E-}005$$

$$R = 1.0000$$

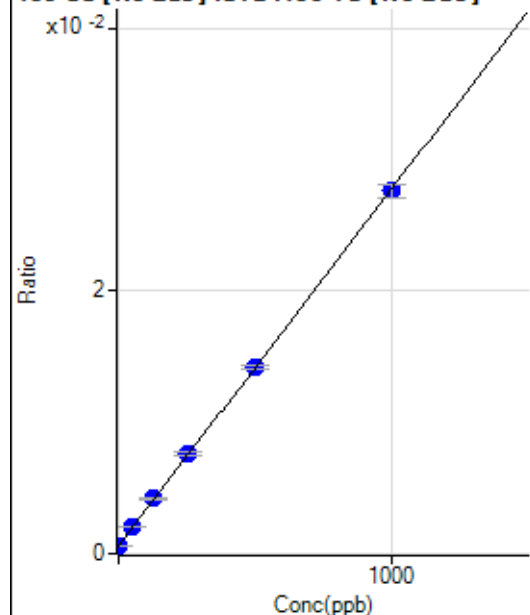
$$DL = 0.1677$$

$$BEC = 0.07419$$

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	5206.67	0.0006	P	8.0
2	☐	1.000	1.322	5573.53	0.0006	P	5.1
3	☐	50.000	52.666	17987.14	0.0020	P	2.6
4	☐	125.000	132.548	38264.88	0.0042	P	2.4
5	☐	250.000	257.418	69531.86	0.0076	P	2.7
6	☐	500.000	503.380	129996.86	0.0143	P	2.1
7	☐	1000.000	995.378	260845.36	0.0276	P	3.6
8	☐			5479.05	0.0006	P	7.2

$$y = 2.7153\text{E-}005 * x + 5.9916\text{E-}004$$

$$R = 0.9999$$

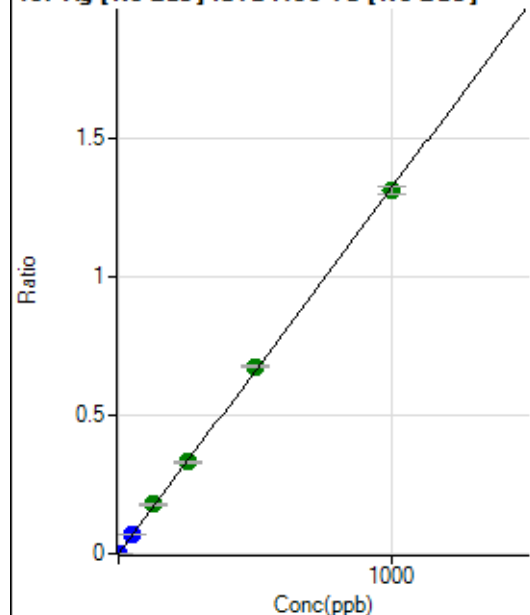
$$DL = 5.329$$

$$BEC = 22.07$$

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	116.67	0.0000	P	28.6
2	☐	1.000	0.989	11582.98	0.0013	P	5.2
3	☐	50.000	51.963	608778.99	0.0687	P	2.4
4	☐	125.000	135.130	1627642.29	0.1786	A	3.2
5	☐	250.000	250.329	3031660.20	0.3309	A	2.0
6	☐	500.000	512.116	6168464.33	0.6770	A	1.0
7	☐	1000.000	992.495	12390211.91	1.3119	A	2.1
8	☐			5151.13	0.0006	P	8.1

$$y = 0.0013 * x + 1.3413\text{E-}005$$

$$R = 0.9998$$

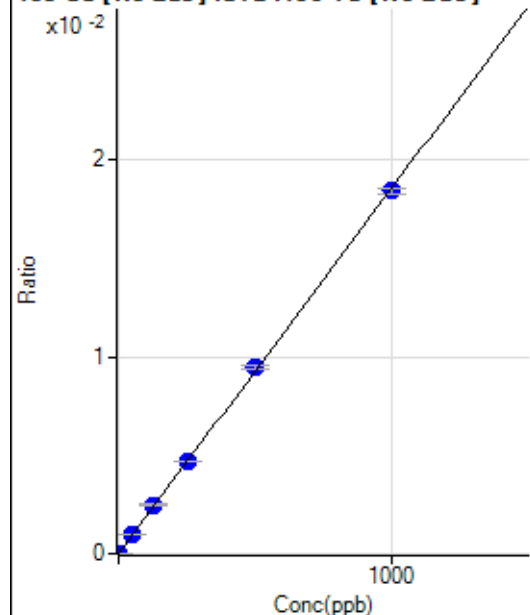
$$DL = 0.00871$$

$$BEC = 0.01015$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.28	0.0000	P	42.3
2	☐	1.000	1.079	241.67	0.0000	P	9.6
3	☐	50.000	53.075	8786.24	0.0010	P	2.5
4	☐	125.000	132.749	22493.52	0.0025	P	3.1
5	☐	250.000	252.259	42918.16	0.0047	P	1.0
6	☐	500.000	509.700	86170.25	0.0095	P	1.4
7	☐	1000.000	993.463	174022.34	0.0184	P	1.7
8	☐			131.95	0.0000	P	13.1

$$y = 1.8539E-005 * x + 7.5318E-006$$

R = 0.9999

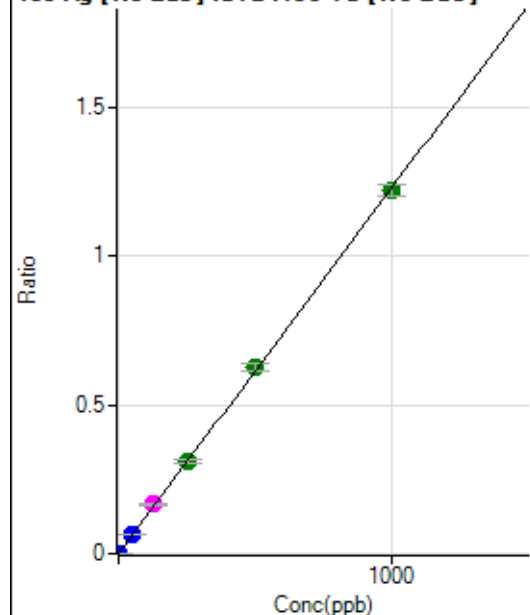
DL = 0.5155

BEC = 0.4063

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	29.3
2	☐	1.000	1.012	10982.48	0.0013	P	1.6
3	☐	50.000	53.325	579866.61	0.0654	P	2.8
4	☐	125.000	134.848	1508244.70	0.1655	M	2.4
5	☐	250.000	254.785	2863358.96	0.3127	A	4.1
6	☐	500.000	509.099	5690953.60	0.6247	A	4.5
7	☐	1000.000	992.857	11504311.89	1.2183	A	3.1
8	☐			4964.93	0.0005	P	2.8

$$y = 0.0012 * x + 1.0202E-005$$

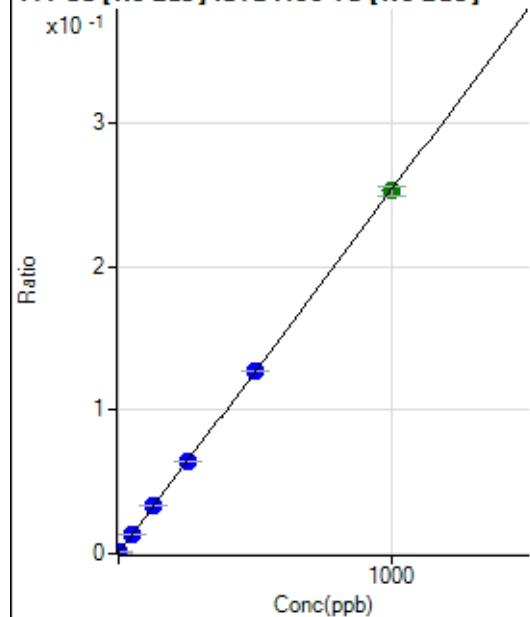
R = 0.9999

DL = 0.007296

BEC = 0.008314

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3679.53	0.0004	P	8.1
2	☐	1.000	1.025	5990.84	0.0007	P	2.3
3	☐	50.000	52.485	121353.11	0.0137	P	3.9
4	☐	125.000	131.304	306548.48	0.0336	P	1.6
5	☐	250.000	252.766	589608.56	0.0644	P	1.2
6	☐	500.000	501.546	1159795.88	0.1273	P	0.6
7	☐	1000.000	997.623	2386798.91	0.2527	A	2.7
8	☐			4626.35	0.0005	P	7.1

$$y = 2.5293\text{E-}004 * x + 4.2344\text{E-}004$$

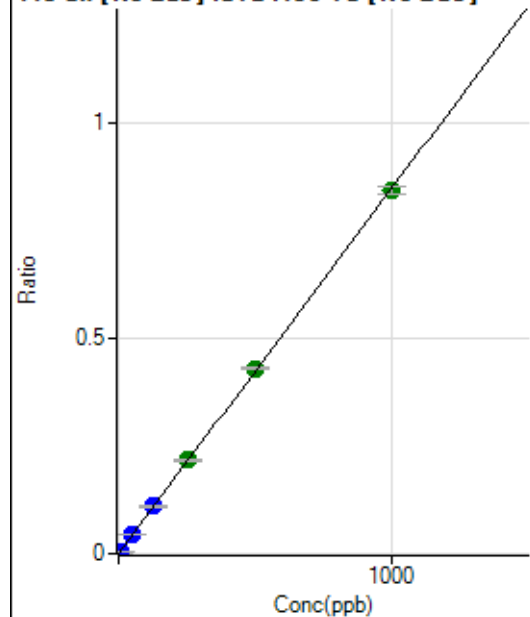
$$R = 1.0000$$

$$DL = 0.4091$$

$$BEC = 1.674$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1800.17	0.0002	P	13.5
2	☐	5.000	5.007	38995.16	0.0044	P	1.5
3	☐	50.000	51.571	388650.78	0.0439	P	2.0
4	☐	125.000	129.819	1003144.57	0.1101	P	2.9
5	☐	250.000	255.337	1981764.93	0.2163	A	2.2
6	☐	500.000	508.203	3921705.86	0.4304	A	0.4
7	☐	1000.000	993.883	7947855.73	0.8415	A	2.1
8	☐			4542.56	0.0005	P	9.9

$$y = 8.4643\text{E-}004 * x + 2.0714\text{E-}004$$

$$R = 0.9999$$

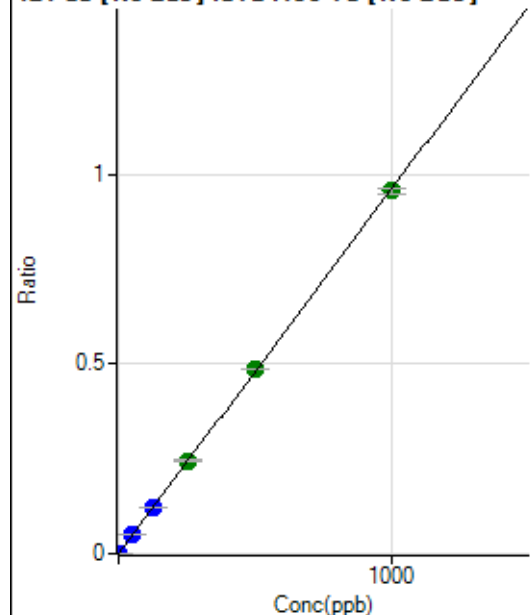
$$DL = 0.09882$$

$$BEC = 0.2447$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	247.23	0.0000	P	26.6
2	☐	2.000	2.008	17191.74	0.0020	P	1.8
3	☐	50.000	50.958	434345.20	0.0490	P	3.3
4	☐	125.000	127.765	1119725.58	0.1229	P	2.1
5	☐	250.000	254.521	2242405.58	0.2447	A	1.6
6	☐	500.000	506.813	4440514.64	0.4873	A	0.7
7	☐	1000.000	995.070	9036479.46	0.9567	A	1.3
8	☐			7046.45	0.0008	P	6.3

$$y = 9.6143\text{E-}004 * x + 2.8479\text{E-}005$$

$$R = 1.0000$$

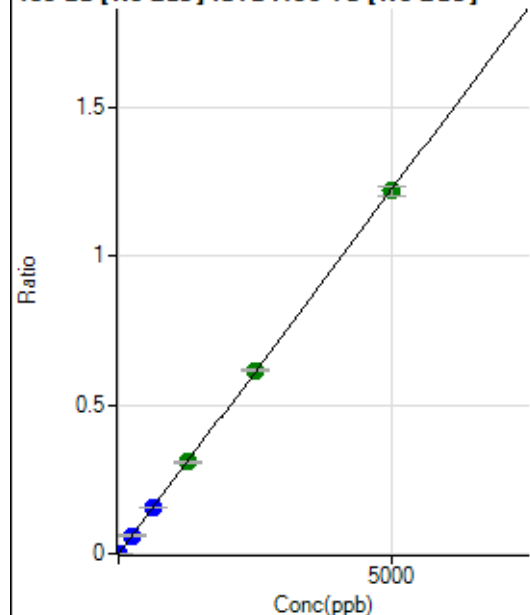
$$DL = 0.0236$$

$$BEC = 0.02962$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	141.67	0.0000	P	65.9
2	☐	10.000	10.108	21793.07	0.0025	P	1.6
3	☐	250.000	250.383	541635.98	0.0611	P	4.3
4	☐	625.000	632.213	1406703.32	0.1543	P	2.8
5	☐	1250.000	1260.167	2818139.47	0.3076	A	2.4
6	☐	2500.000	2519.356	5603852.08	0.6150	A	1.6
7	☐	5000.000	4986.859	11495479.08	1.2174	A	2.8
8	☐			5473.49	0.0006	P	6.8

$$y = 2.4411\text{E-}004 * x + 1.6382\text{E-}005$$

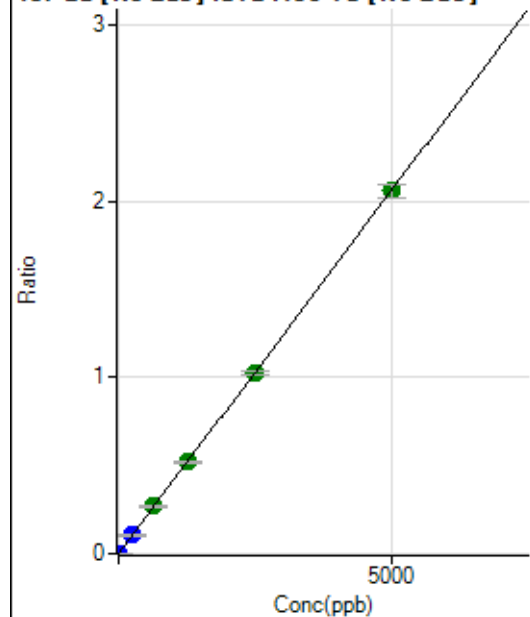
$$R = 1.0000$$

$$DL = 0.1327$$

$$BEC = 0.06711$$

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	352.80	0.0000	P	81.3
2	☐	10.000	10.249	37421.99	0.0043	P	1.5
3	☐	250.000	254.347	929248.69	0.1049	P	4.0
4	☐	625.000	653.709	2455957.76	0.2695	A	2.5
5	☐	1250.000	1258.255	4751598.93	0.5187	A	2.4
6	☐	2500.000	2499.378	9387367.22	1.0303	A	2.3
7	☐	5000.000	4994.441	19438147.83	2.0588	A	4.1
8	☐			9334.08	0.0010	P	3.3

$$y = 4.1221\text{E-}004 * x + 4.0770\text{E-}005$$

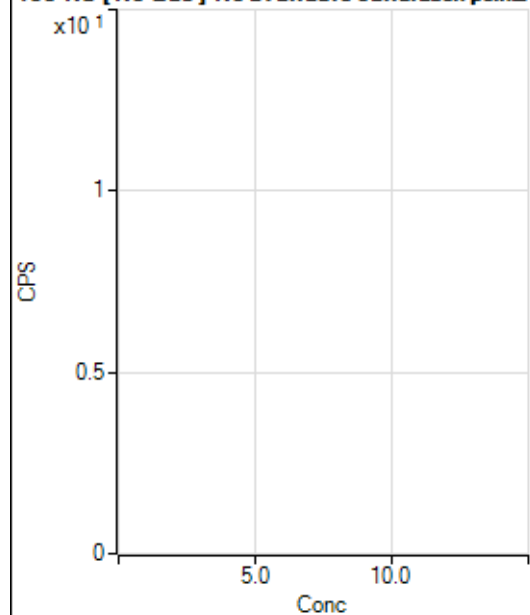
$$R = 1.0000$$

$$DL = 0.2411$$

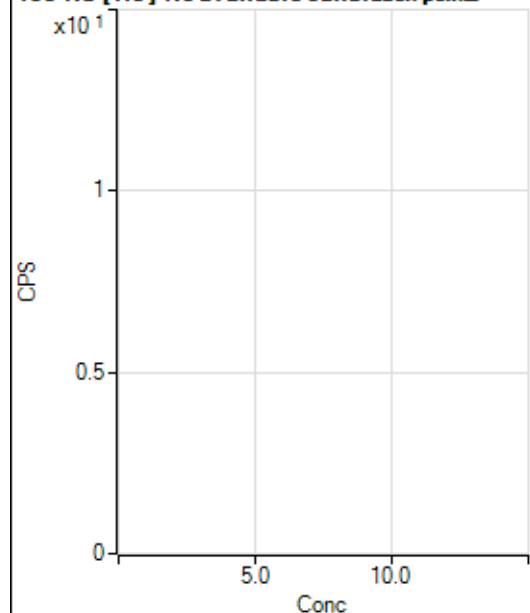
$$BEC = 0.0989$$

Weight: <None>

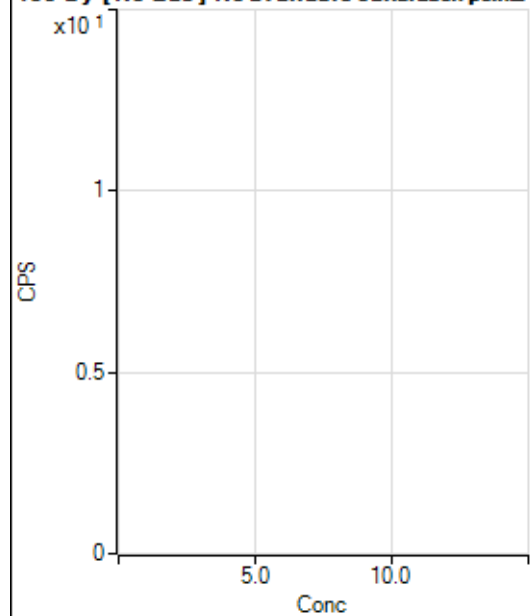
Min Conc: 0

150 Nd [No Gas] No available calibration points

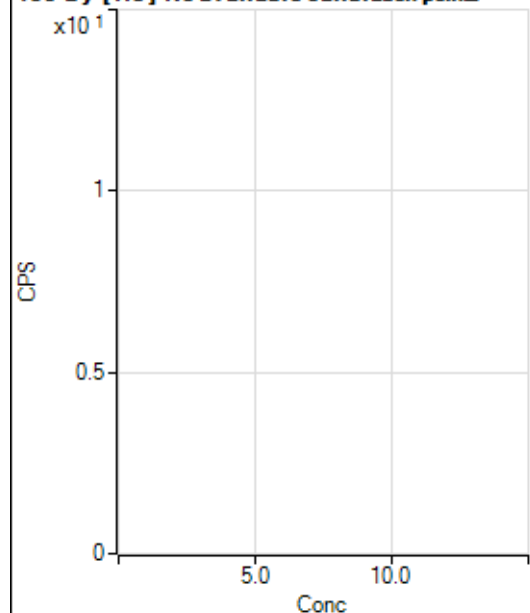
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐			8.89		P	86.6
3	☐			20.00		P	88.2
4	☐			68.89		P	31.1
5	☐			120.01		P	9.6
6	☐			280.01		P	14.3
7	☐			477.80		P	2.1
8	☐			66.67		P	17.3

150 Nd [He] No available calibration points

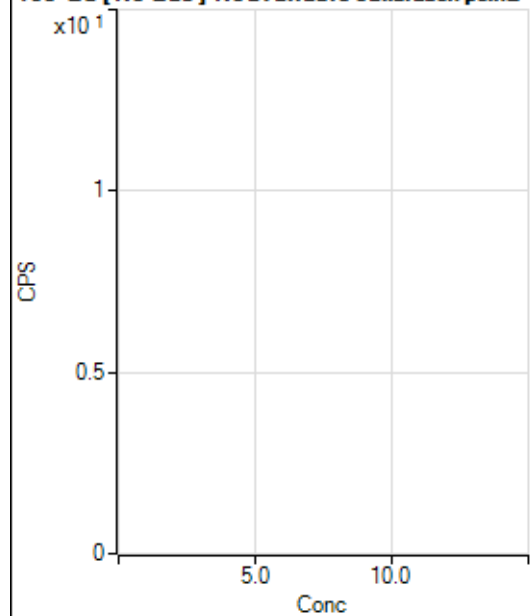
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			2.22		P	86.6
3	☐			3.33		P	100.
4	☐			5.56		P	34.7
5	☐			12.22		P	15.7
6	☐			23.33		P	65.5
7	☐			32.22		P	15.8
8	☐			23.33		P	51.5

156 Dy [No Gas] No available calibration points

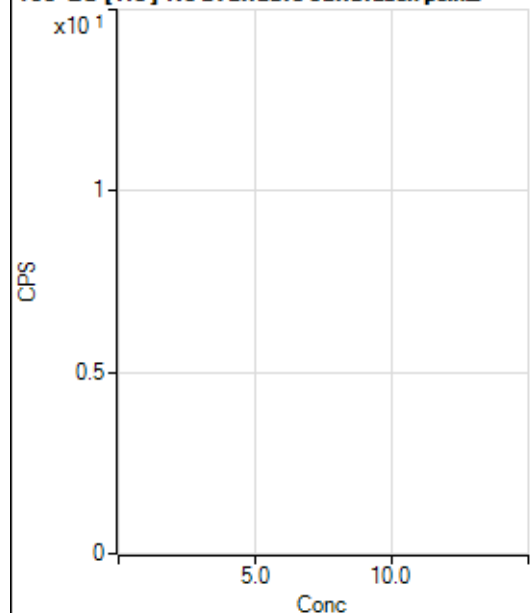
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			5.55		P	86.6
3	☐			30.55		P	15.7
4	☐			66.67		P	33.1
5	☐			125.00		P	6.7
6	☐			219.45		P	19.1
7	☐			352.80		P	15.0
8	☐			1475.12		P	7.1

156 Dy [He] No available calibration points

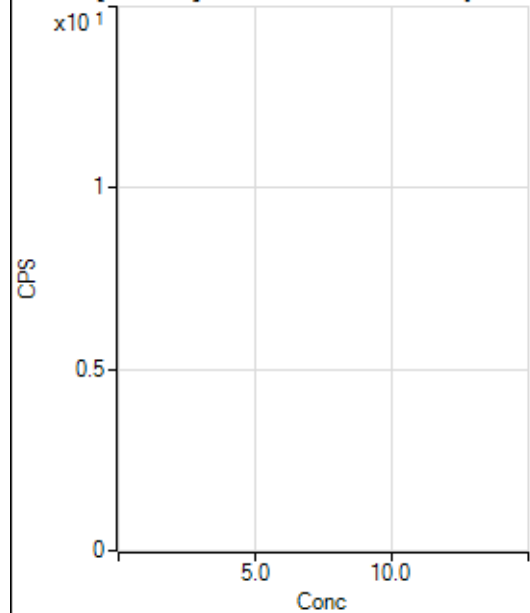
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			4.45		P	86.6
3	☐			13.33		P	50.0
4	☐			31.11		P	37.6
5	☐			36.67		P	15.7
6	☐			100.00		P	32.1
7	☐			221.12		P	9.6
8	☐			701.14		P	4.8

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

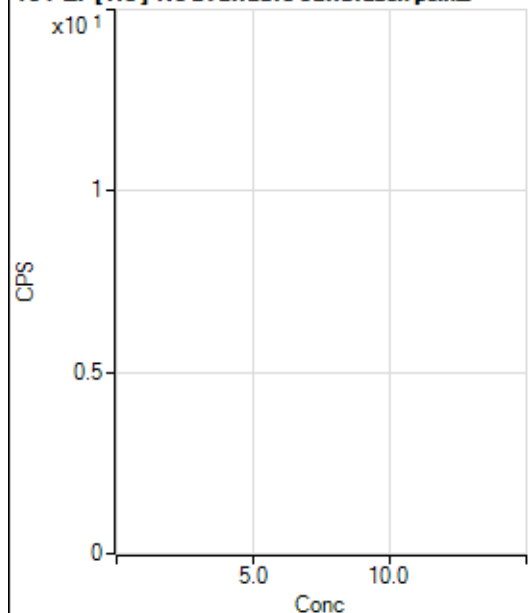
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	24.1
2	☐			41.67		P	80.0
3	☐			83.33		P	36.1
4	☐			102.78		P	38.3
5	☐			183.34		P	31.8
6	☐			222.23		P	9.4
7	☐			372.24		P	26.5
8	☐			1408.45		P	7.8

160 Gd [He] No available calibration points

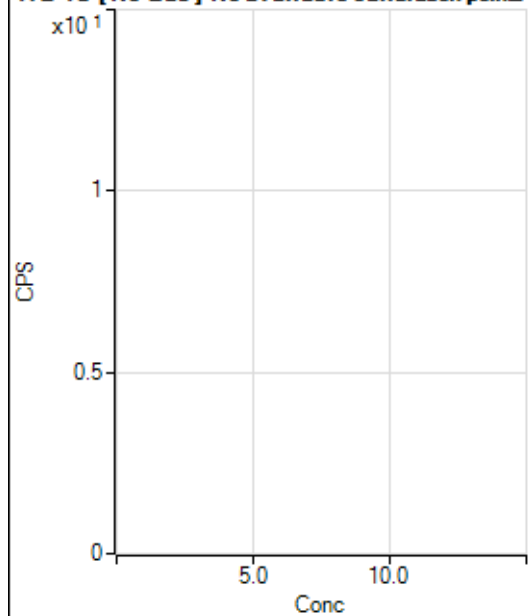
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	35.3
2	☐			51.11		P	27.2
3	☐			53.33		P	18.8
4	☐			65.56		P	7.8
5	☐			112.22		P	14.0
6	☐			140.00		P	8.6
7	☐			211.11		P	4.0
8	☐			777.81		P	6.2

164 Er [No Gas] No available calibration points

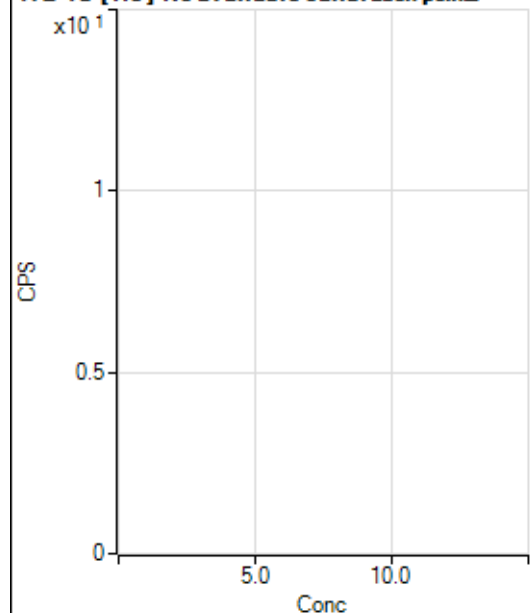
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐			50.00		P	76.4
3	☐			69.44		P	38.6
4	☐			61.11		P	7.9
5	☐			63.89		P	15.1
6	☐			66.67		P	12.5
7	☐			152.79		P	43.7
8	☐			236.12		P	24.0

164 Er [He] No available calibration points

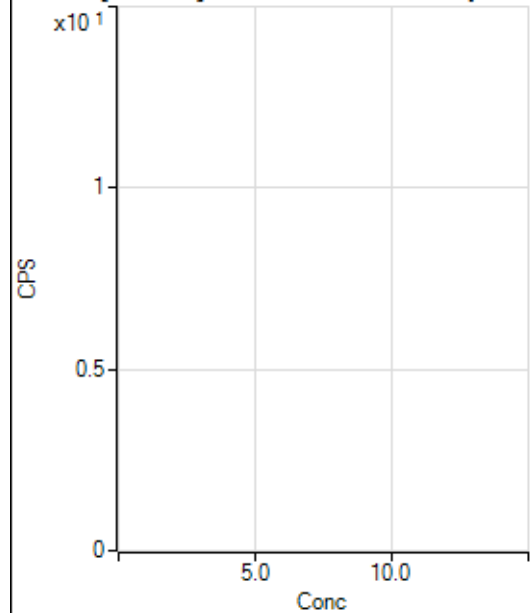
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	30.2
2	☐			32.22		P	21.5
3	☐			22.22		P	70.9
4	☐			34.45		P	31.1
5	☐			44.45		P	30.3
6	☐			43.33		P	55.5
7	☐			54.44		P	21.5
8	☐			101.11		P	15.2

172 Yb [No Gas] No available calibration points

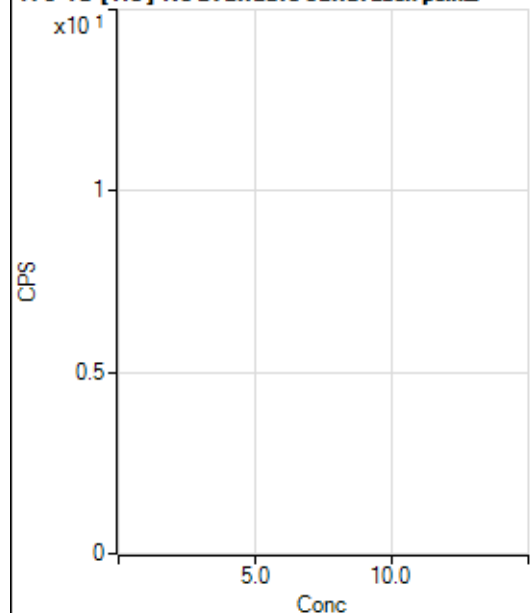
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	53.9
2	☐			19.44		P	65.5
3	☐			27.78		P	75.5
4	☐			36.11		P	35.3
5	☐			36.11		P	13.3
6	☐			33.33		P	50.0
7	☐			72.22		P	17.6
8	☐			136.12		P	15.4

172 Yb [He] No available calibration points

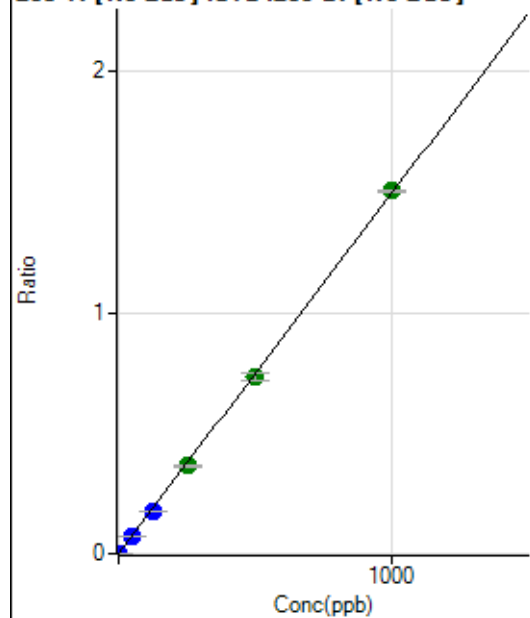
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.41		P	43.2
2	☐			12.96		P	24.8
3	☐			22.22		P	0.0
4	☐			12.97		P	49.5
5	☐			12.96		P	65.4
6	☐			7.41		P	114.
7	☐			22.22		P	50.0
8	☐			72.23		P	26.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			883.39		P	3.4
2	☐			997.29		P	4.9
3	☐			2264.14		P	2.7
4	☐			4723.21		P	3.0
5	☐			8074.95		P	0.3
6	☐			14956.13		P	1.8
7	☐			29915.19		P	2.1
8	☐			1194.53		P	4.0

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3220.82		P	2.1
2	☐			3357.90		P	2.5
3	☐			4009.93		P	6.7
4	☐			5629.09		P	1.3
5	☐			7270.64		P	0.7
6	☐			11295.77		P	2.5
7	☐			20772.16		P	2.7
8	☐			3367.16		P	8.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	580.59	0.0001	P	34.1
2	☐	1.000	0.927	6815.90	0.0015	P	5.2
3	☐	50.000	46.727	316278.10	0.0700	P	2.6
4	☐	125.000	117.786	825666.85	0.1763	P	1.4
5	☐	250.000	243.924	1691519.64	0.3649	A	1.9
6	☐	500.000	491.205	3431459.41	0.7347	A	3.6
7	☐	1000.000	1006.982	7000541.82	1.5060	A	0.8
8	☐			2730.93	0.0006	P	14.6

$$y = 0.0015 * x + 1.2865E-004$$

$$R = 0.9999$$

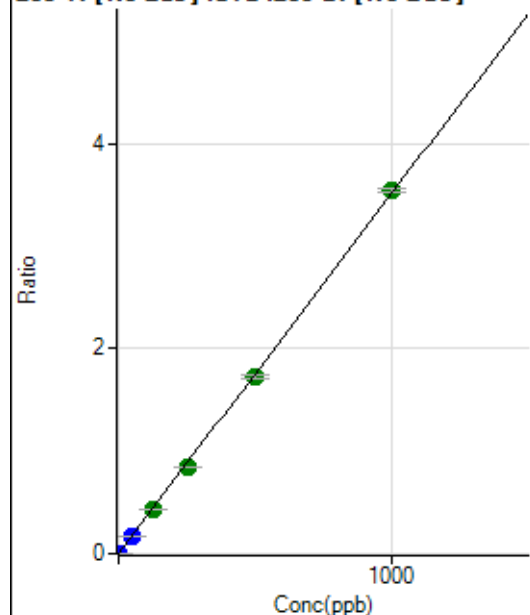
$$DL = 0.08796$$

$$BEC = 0.08603$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1244.55	0.0003	P	27.0
2	☐	1.000	0.918	15732.20	0.0035	P	1.8
3	☐	50.000	47.679	756921.67	0.1675	P	1.7
4	☐	125.000	122.170	2008339.22	0.4288	A	1.8
5	☐	250.000	242.113	3938433.12	0.8495	A	0.7
6	☐	500.000	488.937	8012321.19	1.7153	A	2.2
7	☐	1000.000	1007.973	16436997.76	3.5359	A	0.9
8	☐			6435.14	0.0015	P	6.7

$$y = 0.0035 * x + 2.7596E-004$$

$$R = 0.9999$$

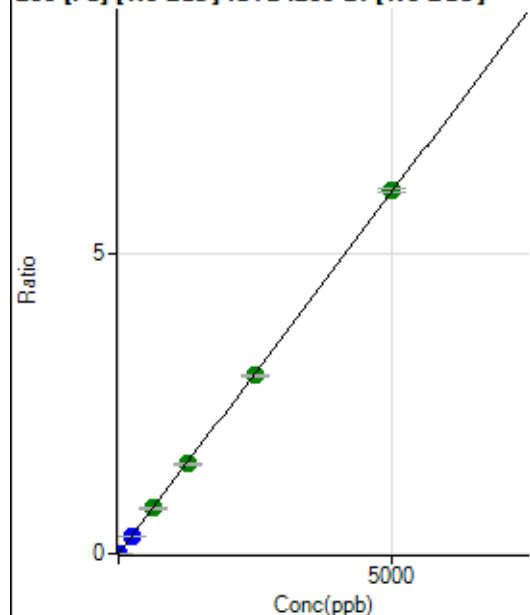
$$DL = 0.06366$$

$$BEC = 0.07868$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1389.00	0.0003	P	25.8
2	☐	1.000	0.908	6309.05	0.0014	P	4.1
3	☐	250.000	235.044	1279924.42	0.2833	P	2.3
4	☐	625.000	630.466	3556124.30	0.7593	A	3.3
5	☐	1250.000	1238.657	6915170.12	1.4915	A	1.2
6	☐	2500.000	2465.841	13868983.64	2.9689	A	1.4
7	☐	5000.000	5019.979	28093520.54	6.0437	A	1.1
8	☐			17374.97	0.0041	P	9.1

$$y = 0.0012 * x + 3.0812E-004$$

$$R = 1.0000$$

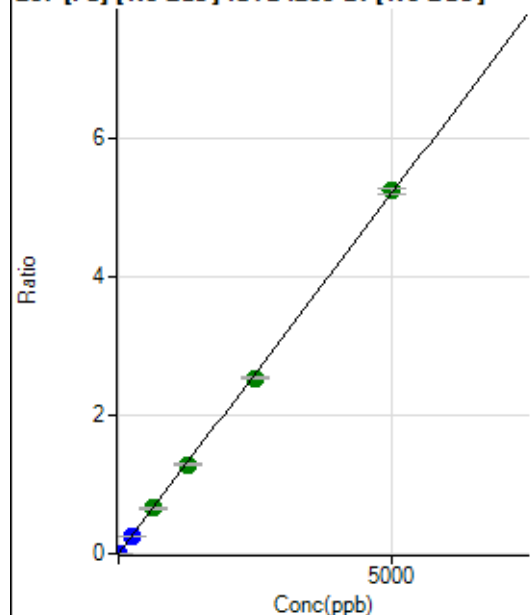
$$DL = 0.198$$

$$BEC = 0.2559$$

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	1198.23	0.0003	P	25.7
2	☐	1.000	0.896	5395.67	0.0012	P	3.3
3	☐	250.000	235.467	1107851.90	0.2452	P	2.6
4	☐	625.000	632.844	3084632.45	0.6586	A	1.9
5	☐	1250.000	1231.433	5940992.96	1.2813	A	2.5
6	☐	2500.000	2437.658	11847457.44	2.5361	A	0.5
7	☐	5000.000	5035.559	24351778.32	5.2386	A	1.8
8	☐			15496.56	0.0037	P	6.6

$$y = 0.0010 * x + 2.6585E-004$$

$$R = 0.9999$$

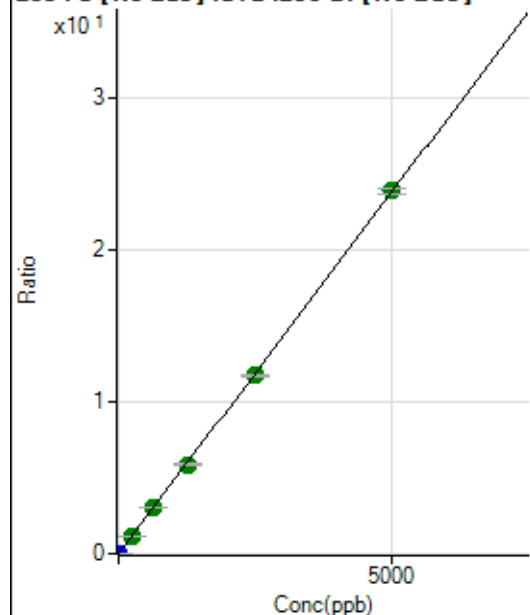
$$DL = 0.1973$$

$$BEC = 0.2556$$

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	5583.97	0.0012	P	23.2
2	☐	1.000	0.892	24705.96	0.0055	P	2.0
3	☐	250.000	243.765	5249891.03	1.1619	A	2.1
4	☐	625.000	631.756	14094722.08	3.0094	A	1.9
5	☐	1250.000	1235.846	27291017.23	5.8858	A	2.6
6	☐	2500.000	2463.169	54800645.67	11.7297	A	0.6
7	☐	5000.000	5021.421	111152702.4	23.9110	A	1.8
8	☐			69993.78	0.0165	P	6.1

$$y = 0.0048 * x + 0.0012$$

$$R = 1.0000$$

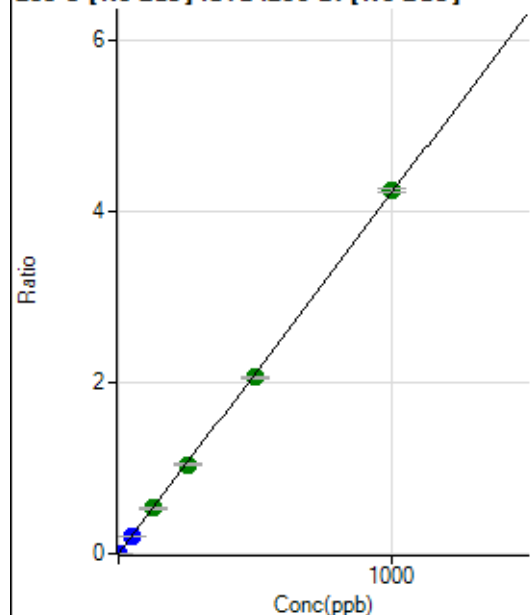
$$DL = 0.1813$$

$$BEC = 0.2602$$

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	366.69	0.0001	P	87.9
2	☐	1.000	0.913	17673.92	0.0039	P	3.7
3	☐	50.000	47.018	894948.60	0.1981	P	1.7
4	☐	125.000	125.798	2481364.53	0.5298	A	1.2
5	☐	250.000	245.513	4792617.38	1.0339	A	2.2
6	☐	500.000	490.285	9644268.18	2.0645	A	1.1
7	☐	1000.000	1006.029	19692428.22	4.2362	A	0.9
8	☐			4742.73	0.0011	P	14.5

$$y = 0.0042 * x + 8.1059E-005$$

$$R = 0.9999$$

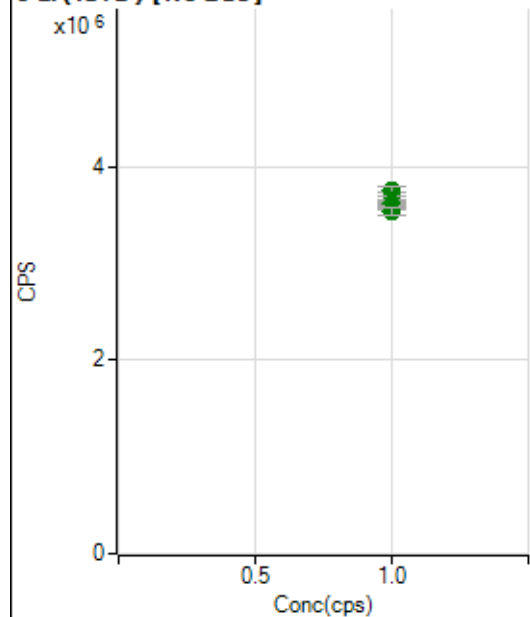
$$DL = 0.05078$$

$$BEC = 0.01925$$

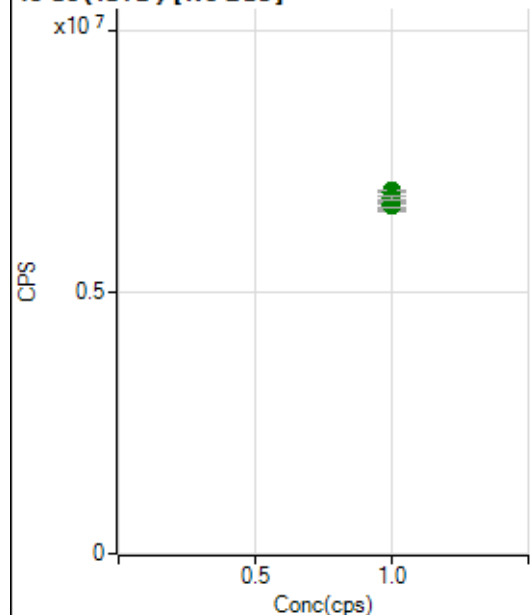
Weight: <None>

Min Conc: 0

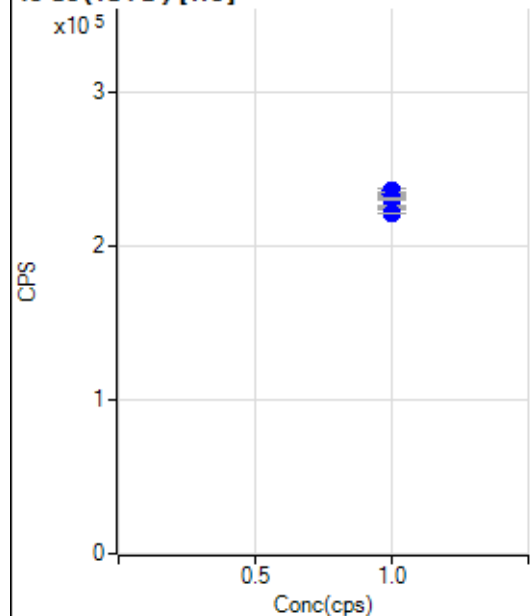
6 Li (ISTD) [No Gas]



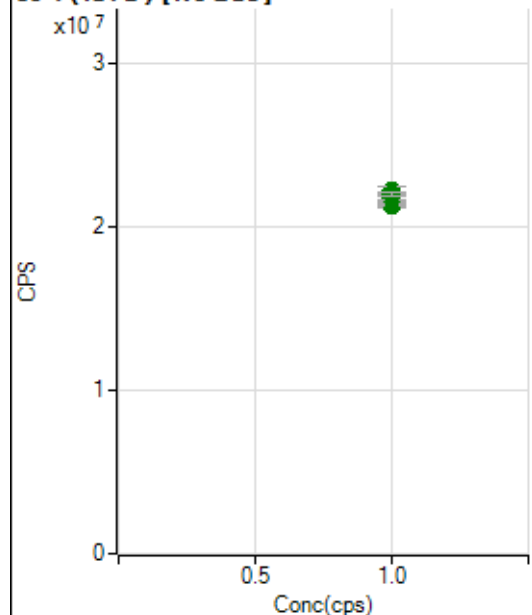
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3577826.40		A	0.9
2	☐	1.000		3625016.88		A	2.0
3	☐	1.000		3686059.54		A	2.4
4	☐	1.000		3748368.21		A	2.8
5	☐	1.000		3654129.75		A	1.8
6	☐	1.000		3625371.65		A	1.4
7	☐	1.000		3598168.13		A	0.4
8	☐	1.000		3537208.98		A	2.7

45 Sc (ISTD) [No Gas]

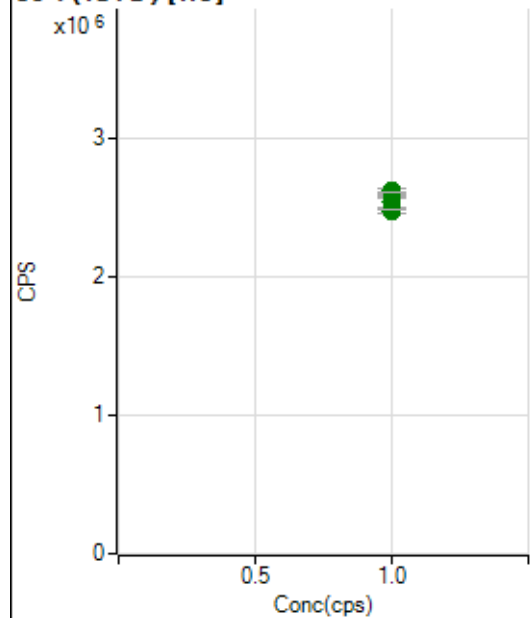
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6649706.84		A	2.4
2	☐	1.000		6650707.82		A	2.9
3	☐	1.000		6671039.55		A	0.9
4	☐	1.000		6944435.80		A	0.6
5	☐	1.000		6691483.44		A	1.8
6	☐	1.000		6684059.14		A	1.9
7	☐	1.000		6913779.34		A	1.5
8	☐	1.000		6798311.01		A	0.9

45 Sc (ISTD) [He]

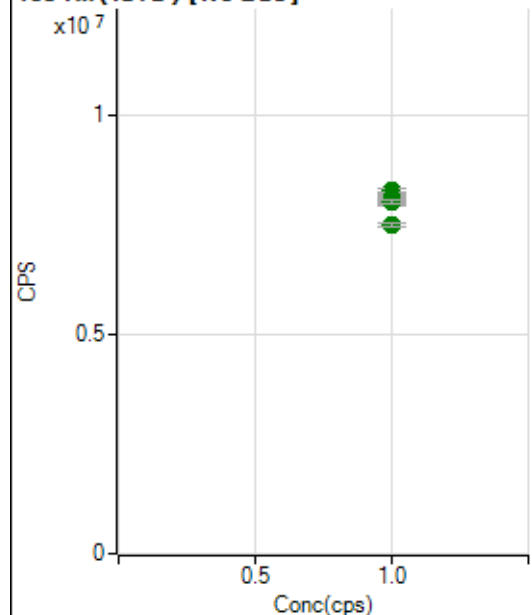
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		225201.11		P	1.5
2	☐	1.000		231766.12		P	1.2
3	☐	1.000		236229.97		P	1.5
4	☐	1.000		234808.39		P	0.6
5	☐	1.000		226166.60		P	0.7
6	☐	1.000		221925.34		P	0.1
7	☐	1.000		234565.54		P	1.0
8	☐	1.000		231238.08		P	0.5

89 Y (ISTD) [No Gas]

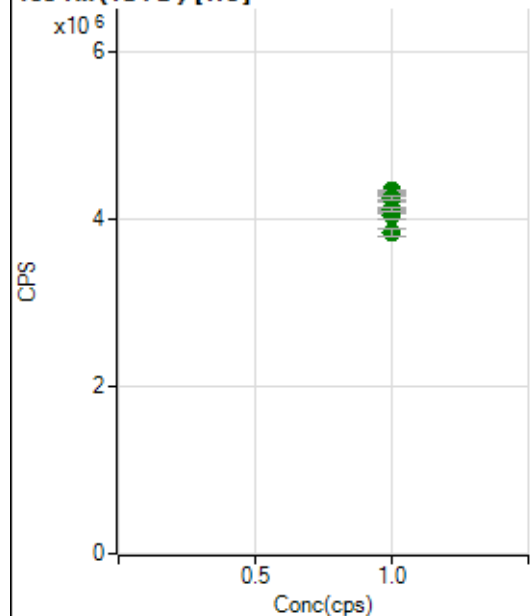
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21237198.71		A	1.0
2	☐	1.000		21352508.29		A	0.9
3	☐	1.000		21752428.29		A	1.4
4	☐	1.000		22167764.95		A	2.1
5	☐	1.000		21591089.12		A	3.0
6	☐	1.000		21581116.90		A	2.3
7	☐	1.000		21732018.01		A	1.5
8	☐	1.000		21953131.90		A	0.8

89 Y (ISTD) [He]

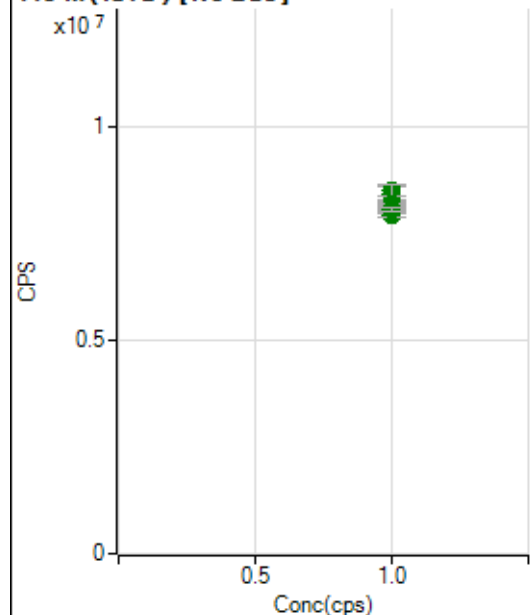
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2479631.27		A	1.0
2	☐	1.000		2543087.24		A	2.5
3	☐	1.000		2618345.43		A	2.1
4	☐	1.000		2626069.33		A	1.7
5	☐	1.000		2497864.58		A	0.5
6	☐	1.000		2495217.83		A	0.2
7	☐	1.000		2594973.92		A	0.4
8	☐	1.000		2618190.07		A	0.3

103 Rh (ISTD) [No Gas]

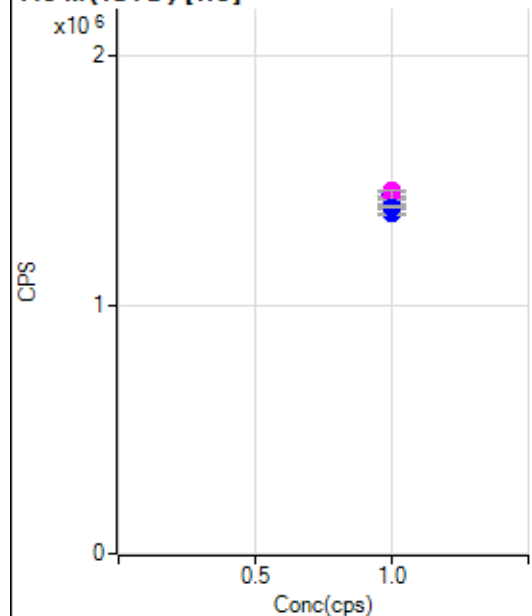
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8062842.54		A	2.7
2	☐	1.000		8085013.11		A	0.7
3	☐	1.000		8273628.48		A	1.7
4	☐	1.000		8221385.69		A	0.6
5	☐	1.000		8092281.60		A	2.1
6	☐	1.000		8064166.06		A	1.2
7	☐	1.000		8031343.76		A	0.9
8	☐	1.000		7502861.11		A	1.5

103 Rh (ISTD) [He]

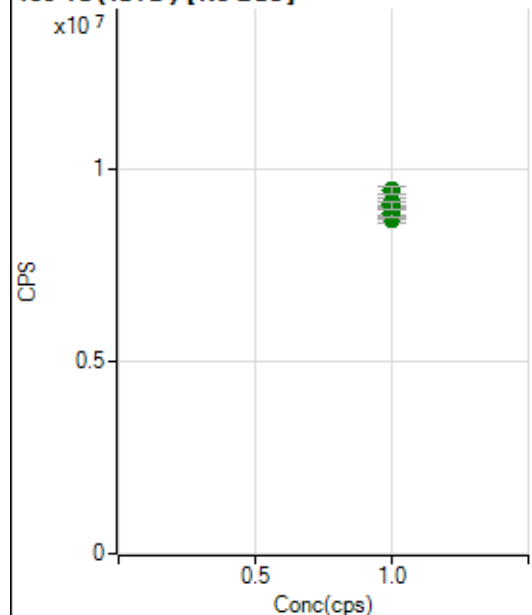
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4100393.83		A	1.7
2	☐	1.000		4243811.74		A	1.9
3	☐	1.000		4330649.04		A	0.7
4	☐	1.000		4251769.76		A	1.0
5	☐	1.000		4076076.60		A	1.1
6	☐	1.000		4031724.49		A	1.5
7	☐	1.000		4109985.36		A	1.1
8	☐	1.000		3839246.12		A	2.4

115 In (ISTD) [No Gas]

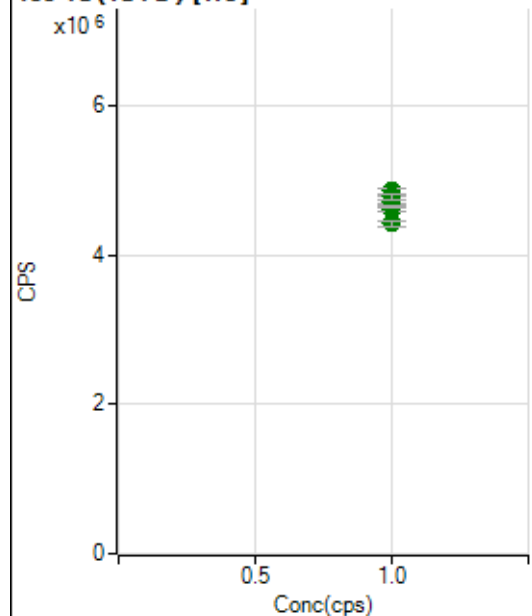
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8233027.32		A	3.2
2	☐	1.000		7932497.97		A	1.3
3	☐	1.000		8421440.25		A	3.8
4	☐	1.000		8496084.35		A	3.1
5	☐	1.000		8177473.50		A	2.6
6	☐	1.000		8197317.34		A	1.6
7	☐	1.000		8178005.98		A	0.9
8	☐	1.000		8055973.22		A	1.4

115 In (ISTD) [He]

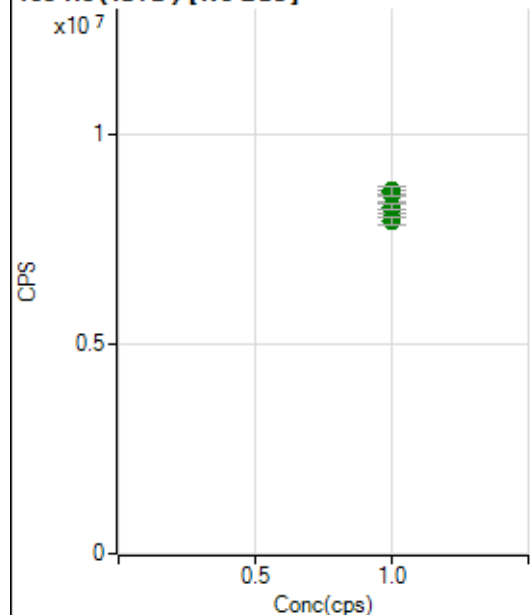
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1392557.89		P	1.4
2	☐	1.000		1429422.26		P	0.6
3	☐	1.000		1444374.89		P	1.1
4	☐	1.000		1458748.72		M	0.6
5	☐	1.000		1401625.97		P	0.4
6	☐	1.000		1365159.08		P	0.6
7	☐	1.000		1440176.70		M	2.6
8	☐	1.000		1393570.02		P	0.8

159 Tb (ISTD) [No Gas]

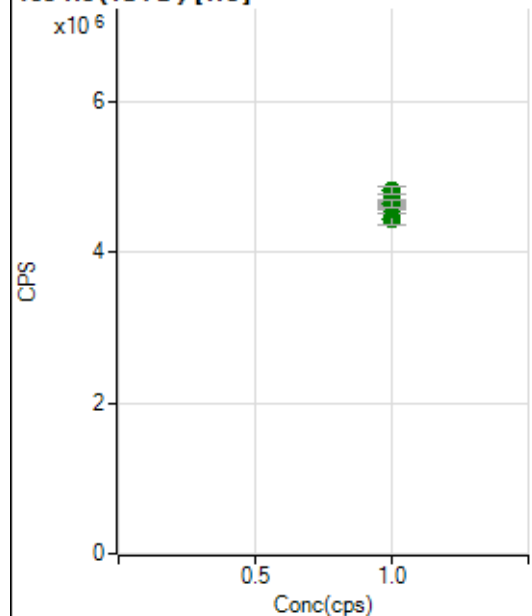
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8695635.98		A	1.4
2	☐	1.000		8773442.44		A	1.1
3	☐	1.000		8863929.31		A	2.1
4	☐	1.000		9116974.10		A	2.8
5	☐	1.000		9163441.46		A	2.1
6	☐	1.000		9112743.06		A	1.1
7	☐	1.000		9446767.29		A	2.2
8	☐	1.000		9073002.85		A	2.4

159 Tb (ISTD) [He]

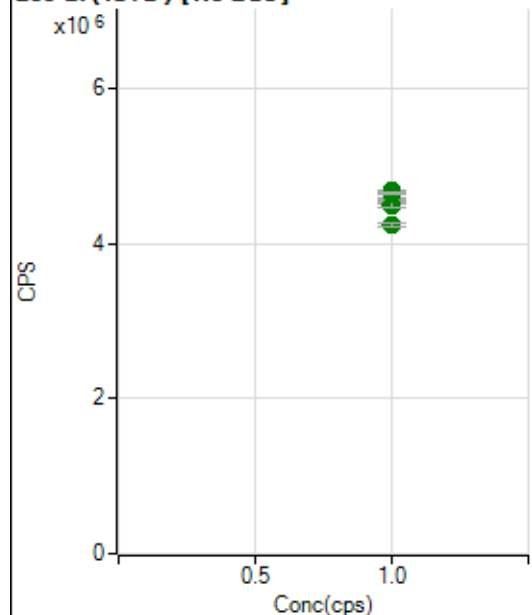
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4432466.39		A	1.6
2	☐	1.000		4635883.19		A	2.5
3	☐	1.000		4625353.79		A	1.0
4	☐	1.000		4691206.74		A	0.1
5	☐	1.000		4717728.02		A	2.9
6	☐	1.000		4659302.15		A	0.4
7	☐	1.000		4865766.39		A	1.8
8	☐	1.000		4788939.93		A	1.9

165 Ho (ISTD) [No Gas]

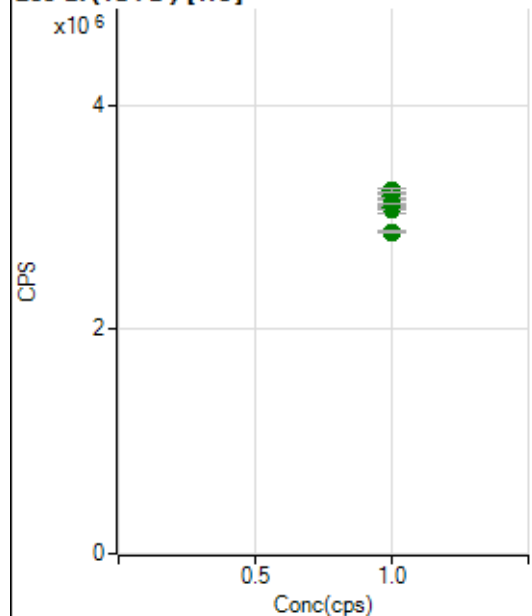
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8100011.47		A	6.3
2	☐	1.000		7913658.68		A	2.2
3	☐	1.000		8255048.19		A	3.5
4	☐	1.000		8559821.80		A	0.5
5	☐	1.000		8271592.54		A	1.6
6	☐	1.000		8607917.38		A	1.1
7	☐	1.000		8620102.36		A	1.4
8	☐	1.000		8650544.29		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4447938.72		A	3.6
2	☐	1.000		4563564.90		A	1.7
3	☐	1.000		4650387.64		A	1.2
4	☐	1.000		4708690.14		A	0.1
5	☐	1.000		4709650.66		A	2.6
6	☐	1.000		4598205.24		A	1.3
7	☐	1.000		4818590.00		A	2.0
8	☐	1.000		4657191.25		A	2.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4502394.20		A	1.0
2	☐	1.000		4502003.34		A	1.5
3	☐	1.000		4519326.32		A	1.8
4	☐	1.000		4683950.56		A	0.6
5	☐	1.000		4636229.13		A	1.6
6	☐	1.000		4671735.24		A	1.1
7	☐	1.000		4648581.35		A	0.6
8	☐	1.000		4238379.07		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3067275.89		A	2.5
2	☐	1.000		3122329.81		A	2.5
3	☐	1.000		3180820.09		A	1.3
4	☐	1.000		3190097.56		A	1.0
5	☐	1.000		3089194.95		A	1.1
6	☐	1.000		3116784.19		A	0.2
7	☐	1.000		3236097.35		A	1.1
8	☐	1.000		2869649.54		A	0.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8101521-MS.b
Acq. Date-Time 2021-10-15 13:26:37
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		13558	135578.27			1.657	5.000
24		126118	1261184.66			0.698	5.000
25		16763	167626.41			1.213	5.000
26		18909	189089.86			0.784	5.000
59		32323	323232.69			1.066	5.000
113		12317	123170.36			1.595	5.000
115		38963	389634.77			1.590	5.000
206		12977	129766.96			1.320	5.000
207		10860	108600.84			1.689	5.000
208		26737	267369.90			1.890	5.000
220		1	7.30			13.352	

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

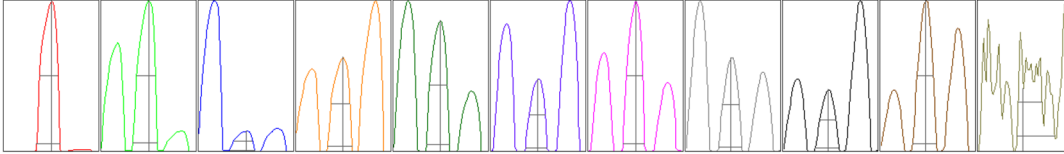
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	13785	13600	13565	13654	13185
24	126889	126304	126283	126510	124606
25	16887	16803	16563	17012	16549
26	18948	19067	18708	19013	18808
59	32565	32492	32329	32503	31727
113	12404	12421	12443	12344	11972
115	39561	39258	39119	38951	37930
206	13049	13017	13099	13044	12675
207	10940	10957	10969	10900	10535
208	27060	26690	27014	27045	25875

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	25092.71	9.05	8.90 - 9.10	
24	224344.23	24.05	23.90 - 24.10	
25	29542.57	25.05	24.90 - 25.10	
26	33780.56	26.00	25.90 - 26.10	
59	61308.81	59.00	58.90 - 59.10	
113	25069.13	113.00	112.90 - 113.10	
115	80270.65	115.05	114.90 - 115.10	
206	25939.58	205.95	205.90 - 206.10	
207	22165.46	206.95	206.90 - 207.10	
208	54285.65	207.95	207.90 - 208.10	
220	0.70	219.95	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.732	0.900	
24	0.59	0.778	0.900	
25	0.60	0.782	0.900	
26	0.60	0.780	0.900	
59	0.56	0.733	0.900	
113	0.51	0.684	0.900	
115	0.51	0.683	0.900	
206	0.52	0.735	0.900	
207	0.51	0.764	0.900	
208	0.51	0.761	0.900	
220	0.75	1.187		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.6 V	Deflect	15.4 V
Extract 2	-195.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	180 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.8 mm
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EM

Discriminator	4.0 mV	Analog HV	2261 V	Pulse HV	1551 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7257	72568.37			0.631	
89		21695	216945.93			0.552	
205		13434	134339.80			1.180	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7297	7197	7284	7289	7219
89	21596	21601	21852	21794	21630
205	13246	13415	13597	13593	13319

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.6 V	Deflect	4.8 V
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US EPA Tune Check Report

Extract 2	-195.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	124	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.8 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.0 mV	Analog HV	2261 V	Pulse HV	1551 V

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 13:58:51	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.07	-0.13	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.04	0.01	-0.05	0.00	N/A	ppb
Barium	137-1	0.09	-0.02	-0.07	0.00	N/A	ppb
Beryllium	9-1	0.02	0.00	-0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.05	0.16	-0.11	0.00	N/A	ppb
Boron	11-1	0.18	-0.02	-0.15	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.14	-0.13	0.00	N/A	ppb
Cadmium	106-1	-0.41	1.94	-1.54	0.00	N/A	ppb
Cadmium	108-1	0.17	0.01	-0.18	0.00	N/A	ppb
Calcium	43-1	6.62	-1.00	-5.62	0.00	N/A	ppb
Calcium	44-1	3.25	0.50	-3.75	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	0.15	0.00	-0.14	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	0.25	0.21	-0.46	0.00	N/A	ppb
Iron	56-2	-0.08	0.05	0.03	0.00	N/A	ppb
Iron	57-2	-0.23	-0.41	0.65	0.00	N/A	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 13:58:51	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.01	-0.07	0.00	N/A	ppb
Lead	207-1	0.05	0.02	-0.07	0.00	N/A	ppb
Lead	208-1	0.06	0.01	-0.06	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.15	-0.05	-0.10	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.04	0.02	-0.06	0.00	N/A	ppb
Molybdenum	95-1	0.06	-0.01	-0.06	0.00	N/A	ppb
Molybdenum	96-1	0.04	0.00	-0.04	0.00	N/A	ppb
Molybdenum	97-1	0.06	0.00	-0.05	0.00	N/A	ppb
Molybdenum	98-1	0.06	-0.01	-0.05	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	3.29	0.63	4.56	2.82	71.05	ppb
Potassium	39-2	2.80	0.46	-3.26	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.40	0.00	0.40	0.00	N/A	ppb
Selenium	77-2	-0.19	-0.19	0.37	0.00	N/A	ppb
Selenium	78-2	0.10	0.22	-0.32	0.00	N/A	ppb
Silicon	28-1	-1.79	0.27	1.52	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	0.78	-0.29	-0.49	0.00	N/A	ppb
Strontium	86-1	0.15	-0.02	-0.14	0.00	N/A	ppb
Strontium	88-1	0.13	0.00	-0.13	0.00	N/A	ppb
Sulfur	34-1	-270.70	-75.97	138.02	-69.55		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.03	-0.02	-0.02	0.00	N/A	ppb
Thallium	205-1	0.02	0.00	-0.02	0.00	N/A	ppb
Tin	118-1	0.04	-0.01	-0.02	0.00	N/A	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 13:58:51	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.00	-0.09	0.00	N/A	ppb
Uranium	238-1	0.02	0.00	-0.02	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	0.18	-0.09	-0.09	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.02	-0.01	-0.01	0.00	N/A	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:05:00	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.34	20.41	19.60	20.12	2.23	ppb
Antimony	121-1	2.01	2.05	1.97	2.01	1.83	ppb
Arsenic	75-2	1.04	1.03	1.10	1.05	3.83	ppb
Barium	135-1	10.27	9.94	10.12	10.11	1.62	ppb
Barium	137-1	10.28	10.08	10.39	10.25	1.51	ppb
Beryllium	9-1	0.97	0.98	0.88	0.94	5.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	21.79	22.60	22.48	22.29	1.96	ppb
Boron	11-1	23.23	23.98	24.14	23.78	2.05	ppb
Bromine	81-1						cps
Cadmium	111-1	1.08	1.03	0.96	1.03	6.11	ppb
Cadmium	106-1	2.21	1.80	-0.04	1.32	90.31	ppb
Cadmium	108-1	1.07	1.23	0.94	1.08	13.18	ppb
Calcium	43-1	494.30	467.20	491.24	484.25	3.06	ppb
Calcium	44-1	506.16	465.46	486.58	486.07	4.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.05	2.10	2.02	2.05	1.83	ppb
Cobalt	59-2	1.00	1.02	1.02	1.01	1.34	ppb
Copper	63-1	1.82	1.71	1.82	1.78	3.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				103		%
Iron	54-2	53.06	52.84	53.79	53.23	0.94	ppb
Iron	56-2	52.00	53.13	53.46	52.87	1.45	ppb
Iron	57-2	51.70	47.23	52.99	50.64	5.97	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:05:00	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.96	0.90	0.86	0.91	5.26	ppb
Lead	207-1	0.85	0.93	0.91	0.90	4.23	ppb
Lead	208-1	0.92	0.89	0.87	0.89	2.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	514.56	505.15	506.73	508.82	0.99	ppb
Manganese	55-2	1.07	1.01	1.03	1.04	3.12	ppb
Molybdenum	94-1	4.84	4.68	4.92	4.81	2.58	ppb
Molybdenum	95-1	4.98	4.76	5.01	4.92	2.76	ppb
Molybdenum	96-1	4.96	4.71	4.70	4.79	3.07	ppb
Molybdenum	97-1	4.96	4.66	5.10	4.91	4.66	ppb
Molybdenum	98-1	4.92	4.80	4.95	4.89	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.03	1.13	1.07	4.93	ppb
Phosphorus	31-2	0.07	-7.25	-1.30	-2.82		ppb
Potassium	39-2	486.81	488.87	505.20	493.63	2.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	5.32	5.05	4.39	4.92	9.74	ppb
Selenium	77-2	3.06	3.61	4.91	3.86	24.59	ppb
Selenium	78-2	6.98	3.92	5.81	5.57	27.67	ppb
Silicon	28-1	13.79	8.93	12.00	11.57	21.24	ppb
Silver	107-1	0.95	0.97	1.05	0.99	5.29	ppb
Silver	109-1	1.01	1.00	1.03	1.01	1.61	ppb
Sodium	23-2	515.18	506.53	518.60	513.44	1.21	ppb
Strontium	86-1	0.97	0.86	0.91	0.91	6.22	ppb
Strontium	88-1	0.99	0.96	0.90	0.95	4.71	ppb
Sulfur	34-1	395.44	-230.36	43.57	69.55	451.06	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.98	0.87	0.93	0.93	5.64	ppb
Thallium	205-1	0.93	0.90	0.92	0.92	2.00	ppb
Tin	118-1	4.99	4.94	5.09	5.01	1.55	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:05:00	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.28	4.60	4.99	4.96	6.92	ppb
Uranium	238-1	0.90	0.89	0.95	0.91	3.75	ppb
Vanadium	51-2	4.99	4.97	5.07	5.01	1.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	1.94	1.83	2.12	1.96	7.28	ppb
Zirconium	90-1	0.96	0.95	0.92	0.94	2.31	ppb
Zirconium	91-1	0.90	0.91	0.91	0.91	0.44	ppb

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:08:05 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	958.54	953.15	956.15	955.95	0.28	ppb
Antimony	121-1	52.22	49.07	51.58	50.96	3.26	ppb
Arsenic	75-2	50.03	50.80	51.98	50.94	1.93	ppb
Barium	135-1	258.81	238.32	254.02	250.38	4.28	ppb
Barium	137-1	262.77	242.87	257.40	254.35	4.05	ppb
Beryllium	9-1	50.82	47.02	49.64	49.16	3.95	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	44.42	44.20	45.73	44.78	1.85	ppb
Boron	11-1	47.20	46.93	49.99	48.04	3.52	ppb
Bromine	81-1						cps
Cadmium	111-1	53.09	50.12	54.24	52.49	4.05	ppb
Cadmium	106-1	54.78	52.20	51.01	52.67	3.66	ppb
Cadmium	108-1	54.29	51.66	53.27	53.07	2.50	ppb
Calcium	43-1	5286.38	5124.34	5165.90	5192.21	1.62	ppb
Calcium	44-1	5298.93	5174.48	5203.04	5225.48	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.12	50.45	49.30	49.62	1.46	ppb
Cobalt	59-2	50.41	51.07	50.60	50.69	0.67	ppb
Copper	63-1	565.81	549.96	535.14	550.30	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	2570.62	2600.44	2567.26	2579.44	0.71	ppb
Iron	56-2	2655.90	2722.61	2660.71	2679.74	1.39	ppb
Iron	57-2	2520.95	2617.54	2530.82	2556.44	2.08	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:08:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	239.55	229.07	236.51	235.04	2.29	ppb
Lead	207-1	235.68	229.13	241.59	235.47	2.65	ppb
Lead	208-1	245.89	237.92	247.48	243.76	2.10	ppb
Lithium	6-1				103		%
Magnesium	24-2	5305.77	5447.47	5306.34	5353.20	1.53	ppb
Manganese	55-2	494.26	504.10	504.35	500.90	1.15	ppb
Molybdenum	94-1	248.49	238.34	244.09	243.64	2.09	ppb
Molybdenum	95-1	240.68	236.47	251.34	242.83	3.16	ppb
Molybdenum	96-1	242.75	242.47	257.58	247.60	3.49	ppb
Molybdenum	97-1	241.95	236.60	249.39	242.65	2.65	ppb
Molybdenum	98-1	250.43	237.41	248.36	245.40	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.35	49.33	50.20	49.96	1.10	ppb
Phosphorus	31-2	956.24	1013.83	1035.20	1001.76	4.08	ppb
Potassium	39-2	2511.79	2564.84	2552.42	2543.01	1.09	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	52.47	50.22	51.65	51.45	2.22	ppb
Selenium	77-2	46.40	57.76	51.70	51.95	10.94	ppb
Selenium	78-2	54.23	49.23	52.66	52.04	4.92	ppb
Silicon	28-1	57.56	59.04	58.84	58.48	1.37	ppb
Silver	107-1	52.92	50.56	52.42	51.96	2.39	ppb
Silver	109-1	53.90	51.62	54.46	53.33	2.82	ppb
Sodium	23-2	5114.54	5167.74	5191.75	5158.01	0.77	ppb
Strontium	86-1	505.78	490.15	515.53	503.82	2.54	ppb
Strontium	88-1	502.68	487.06	494.58	494.78	1.58	ppb
Sulfur	34-1	1504.32	1155.77	864.18	1174.76	27.28	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	47.30	45.31	47.57	46.73	2.64	ppb
Thallium	205-1	48.28	46.75	48.00	47.68	1.71	ppb
Tin	118-1	52.13	50.36	52.23	51.57	2.04	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:08:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	263.94	256.47	255.83	258.75	1.74	ppb
Uranium	238-1	47.61	46.08	47.37	47.02	1.75	ppb
Vanadium	51-2	48.73	49.25	49.68	49.22	0.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	508.79	526.32	514.29	516.47	1.74	ppb
Zirconium	90-1	49.87	48.72	49.38	49.32	1.18	ppb
Zirconium	91-1	51.09	47.86	49.52	49.49	3.27	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:11:09	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2398.85	2368.24	2399.49	2388.86	0.75	ppb
Antimony	121-1	130.78	127.02	125.50	127.77	2.13	ppb
Arsenic	75-2	126.93	128.49	124.00	126.47	1.80	ppb
Barium	135-1	649.00	614.22	633.42	632.21	2.76	ppb
Barium	137-1	672.82	645.77	642.55	653.71	2.54	ppb
Beryllium	9-1	128.01	120.54	123.38	123.98	3.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	110.90	116.91	117.22	115.01	3.10	ppb
Boron	11-1	116.03	122.40	124.77	121.07	3.73	ppb
Bromine	81-1						cps
Cadmium	111-1	133.62	130.67	129.62	131.30	1.58	ppb
Cadmium	106-1	134.07	135.28	128.29	132.55	2.82	ppb
Cadmium	108-1	137.09	132.42	128.74	132.75	3.15	ppb
Calcium	43-1	13009.85	13096.33	12873.01	12993.06	0.87	ppb
Calcium	44-1	13063.23	13178.58	12910.57	13050.79	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.91	122.43	124.06	123.80	1.02	ppb
Cobalt	59-2	127.95	126.15	128.02	127.37	0.83	ppb
Copper	63-1	1316.90	1307.69	1318.77	1314.46	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	54-2	6686.14	6551.25	6437.06	6558.15	1.90	ppb
Iron	56-2	6739.40	6659.83	6646.90	6682.05	0.75	ppb
Iron	57-2	6462.27	6293.32	6440.02	6398.54	1.43	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:11:09	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	641.26	606.17	643.97	630.47	3.34	ppb
Lead	207-1	636.64	619.25	642.64	632.84	1.92	ppb
Lead	208-1	639.82	618.32	637.13	631.76	1.85	ppb
Lithium	6-1				105		%
Magnesium	24-2	13090.75	12933.67	12885.97	12970.13	0.83	ppb
Manganese	55-2	1322.48	1305.07	1286.27	1304.61	1.39	ppb
Molybdenum	94-1	632.66	629.81	615.53	626.00	1.47	ppb
Molybdenum	95-1	621.06	629.03	624.44	624.84	0.64	ppb
Molybdenum	96-1	630.45	635.66	612.15	626.09	1.97	ppb
Molybdenum	97-1	639.16	633.93	609.34	627.48	2.54	ppb
Molybdenum	98-1	621.40	628.41	612.02	620.61	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.26	123.56	124.15	123.99	0.30	ppb
Phosphorus	31-2	2589.38	2503.71	2593.53	2562.20	1.98	ppb
Potassium	39-2	6459.57	6437.97	6466.11	6454.55	0.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	128.51	130.20	124.98	127.89	2.08	ppb
Selenium	77-2	133.52	135.57	136.27	135.12	1.06	ppb
Selenium	78-2	126.31	133.89	125.86	128.69	3.50	ppb
Silicon	28-1	126.97	132.68	135.36	131.67	3.25	ppb
Silver	107-1	139.99	133.72	131.68	135.13	3.21	ppb
Silver	109-1	136.42	136.97	131.16	134.85	2.38	ppb
Sodium	23-2	12641.09	12666.14	12912.37	12739.87	1.18	ppb
Strontium	86-1	1246.94	1268.26	1215.91	1243.70	2.12	ppb
Strontium	88-1	1256.82	1235.08	1220.07	1237.32	1.49	ppb
Sulfur	34-1	2656.18	2806.18	2691.74	2718.03	2.88	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	115.90	118.67	118.79	117.79	1.38	ppb
Thallium	205-1	124.57	120.31	121.62	122.17	1.78	ppb
Tin	118-1	134.17	128.11	127.18	129.82	2.92	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:11:09	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	635.43	626.31	639.47	633.74	1.06	ppb
Uranium	238-1	127.56	124.66	125.17	125.80	1.23	ppb
Vanadium	51-2	125.52	122.89	124.31	124.24	1.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	1300.49	1257.11	1278.57	1278.72	1.70	ppb
Zirconium	90-1	129.96	129.02	125.82	128.27	1.69	ppb
Zirconium	91-1	126.09	126.64	121.03	124.59	2.48	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:14:14	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4770.42	4742.31	4733.71	4748.81	0.40	ppb
Antimony	121-1	256.62	249.81	257.14	254.52	1.61	ppb
Arsenic	75-2	258.01	259.27	256.18	257.82	0.60	ppb
Barium	135-1	1293.40	1235.23	1251.88	1260.17	2.38	ppb
Barium	137-1	1292.79	1238.42	1243.55	1258.26	2.39	ppb
Beryllium	9-1	241.94	241.92	250.58	244.81	2.04	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	215.14	230.64	243.13	229.64	6.11	ppb
Boron	11-1	230.01	246.16	261.82	246.00	6.47	ppb
Bromine	81-1						cps
Cadmium	111-1	256.24	251.91	250.15	252.77	1.24	ppb
Cadmium	106-1	260.39	248.79	263.08	257.42	2.95	ppb
Cadmium	108-1	255.09	251.22	250.46	252.26	0.98	ppb
Calcium	43-1	25638.09	25633.03	26535.95	25935.69	2.00	ppb
Calcium	44-1	25827.73	25575.44	25517.95	25640.37	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.19	249.01	248.98	248.72	0.19	ppb
Cobalt	59-2	271.47	255.25	256.46	261.06	3.46	ppb
Copper	63-1	2618.73	2616.66	2607.92	2614.43	0.22	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				102		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	13569.19	13853.30	13375.32	13599.27	1.77	ppb
Iron	56-2	13143.14	13221.46	13146.86	13170.48	0.34	ppb
Iron	57-2	12841.20	12668.34	12693.37	12734.31	0.73	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:14:14	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1233.09	1227.67	1255.21	1238.66	1.18	ppb
Lead	207-1	1217.02	1210.73	1266.55	1231.43	2.48	ppb
Lead	208-1	1220.64	1213.60	1273.30	1235.85	2.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	26518.23	26092.80	26055.04	26222.02	0.98	ppb
Manganese	55-2	2587.77	2556.10	2546.55	2563.47	0.84	ppb
Molybdenum	94-1	1195.59	1213.64	1269.86	1226.36	3.16	ppb
Molybdenum	95-1	1217.14	1258.34	1260.55	1245.34	1.96	ppb
Molybdenum	96-1	1180.39	1232.28	1247.68	1220.12	2.89	ppb
Molybdenum	97-1	1182.58	1207.67	1201.44	1197.23	1.09	ppb
Molybdenum	98-1	1199.15	1233.70	1238.27	1223.71	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	247.54	248.26	246.81	247.53	0.29	ppb
Phosphorus	31-2	5230.82	4899.05	5038.05	5055.97	3.30	ppb
Potassium	39-2	13105.49	12981.20	12771.00	12952.56	1.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	244.26	254.93	261.21	253.47	3.38	ppb
Selenium	77-2	271.53	273.86	267.93	271.11	1.10	ppb
Selenium	78-2	263.14	266.98	253.02	261.05	2.76	ppb
Silicon	28-1	256.22	272.10	284.83	271.05	5.29	ppb
Silver	107-1	254.76	245.06	251.17	250.33	1.96	ppb
Silver	109-1	266.72	249.39	248.25	254.78	4.06	ppb
Sodium	23-2	26532.14	26102.72	25532.05	26055.64	1.93	ppb
Strontium	86-1	2394.97	2437.20	2462.64	2431.60	1.41	ppb
Strontium	88-1	2402.93	2498.33	2496.62	2465.96	2.21	ppb
Sulfur	34-1	6199.31	6268.63	6909.43	6459.13	6.06	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	247.27	238.54	245.96	243.92	1.93	ppb
Thallium	205-1	242.85	240.10	243.39	242.11	0.73	ppb
Tin	118-1	261.62	250.74	253.66	255.34	2.21	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:14:14	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1267.37	1270.01	1272.88	1270.09	0.22	ppb
Uranium	238-1	248.97	239.17	248.39	245.51	2.24	ppb
Vanadium	51-2	249.15	245.61	245.15	246.64	0.89	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	2592.06	2553.84	2578.12	2574.67	0.75	ppb
Zirconium	90-1	247.24	248.91	255.90	250.68	1.83	ppb
Zirconium	91-1	236.13	246.98	255.98	246.36	4.04	ppb

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:17:18 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9450.92	9361.37	9310.97	9374.42	0.76	ppb
Antimony	121-1	510.71	503.38	506.35	506.81	0.73	ppb
Arsenic	75-2	502.73	499.44	501.24	501.14	0.33	ppb
Barium	135-1	2541.92	2542.84	2473.31	2519.36	1.58	ppb
Barium	137-1	2541.18	2522.11	2434.85	2499.38	2.27	ppb
Beryllium	9-1	492.76	507.09	495.24	498.36	1.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	432.48	485.66	479.24	465.79	6.23	ppb
Boron	11-1	466.64	510.06	517.04	497.91	5.48	ppb
Bromine	81-1						cps
Cadmium	111-1	502.98	503.35	498.31	501.55	0.56	ppb
Cadmium	106-1	505.41	513.23	491.49	503.38	2.19	ppb
Cadmium	108-1	515.14	512.66	501.30	509.70	1.45	ppb
Calcium	43-1	54431.38	54017.03	53592.92	54013.78	0.78	ppb
Calcium	44-1	51648.55	51323.21	51071.27	51347.68	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.37	507.16	497.71	502.74	0.95	ppb
Cobalt	59-2	515.64	514.75	506.71	512.37	0.96	ppb
Copper	63-1	5240.41	5129.91	5015.49	5128.61	2.19	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				106		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	26166.99	26834.53	26092.31	26364.61	1.55	ppb
Iron	56-2	26542.60	26788.08	26062.64	26464.44	1.39	ppb
Iron	57-2	26128.67	26427.19	25619.11	26058.32	1.57	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:17:18	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2426.67	2484.23	2486.63	2465.84	1.38	ppb
Lead	207-1	2433.76	2427.46	2451.75	2437.66	0.52	ppb
Lead	208-1	2472.68	2471.11	2445.71	2463.17	0.61	ppb
Lithium	6-1				101		%
Magnesium	24-2	51534.38	51506.84	50724.07	51255.10	0.90	ppb
Manganese	55-2	5066.96	5070.61	4943.32	5026.96	1.44	ppb
Molybdenum	94-1	2494.84	2419.92	2423.42	2446.06	1.73	ppb
Molybdenum	95-1	2544.53	2410.73	2448.91	2468.06	2.79	ppb
Molybdenum	96-1	2515.64	2394.32	2440.38	2450.11	2.50	ppb
Molybdenum	97-1	2575.06	2387.07	2427.60	2463.24	4.02	ppb
Molybdenum	98-1	2552.11	2445.88	2422.38	2473.46	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.83	481.16	482.97	482.65	0.28	ppb
Phosphorus	31-2	10317.61	10144.69	9990.43	10150.91	1.61	ppb
Potassium	39-2	24723.93	24902.23	24509.99	24712.05	0.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	508.39	492.88	501.29	500.86	1.55	ppb
Selenium	77-2	506.18	469.20	483.37	486.25	3.84	ppb
Selenium	78-2	501.33	494.61	499.44	498.46	0.70	ppb
Silicon	28-1	541.75	551.87	588.89	560.84	4.42	ppb
Silver	107-1	517.30	511.83	507.22	512.12	0.99	ppb
Silver	109-1	523.63	521.01	482.66	509.10	4.50	ppb
Sodium	23-2	49910.72	51111.06	49898.02	50306.60	1.38	ppb
Strontium	86-1	4988.85	4766.47	4857.78	4871.03	2.29	ppb
Strontium	88-1	5083.42	4760.37	4823.35	4889.05	3.50	ppb
Sulfur	34-1	10580.40	9963.50	9583.55	10042.48	5.01	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	474.04	490.58	509.00	491.20	3.56	ppb
Thallium	205-1	477.53	490.53	498.74	488.94	2.19	ppb
Tin	118-1	510.68	507.01	506.92	508.20	0.42	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:17:18	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2577.10	2529.58	2482.59	2529.75	1.87	ppb
Uranium	238-1	490.27	484.67	495.91	490.28	1.15	ppb
Vanadium	51-2	512.45	492.97	495.27	500.23	2.13	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	5212.93	5179.90	5187.16	5193.33	0.33	ppb
Zirconium	90-1	491.19	489.45	498.50	493.05	0.97	ppb
Zirconium	91-1	502.91	490.06	494.98	495.98	1.31	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:29:44	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19383.65	18973.48	19412.74	19256.62	1.28	ppb
Antimony	121-1	981.68	996.26	1007.27	995.07	1.29	ppb
Arsenic	75-2	992.84	1005.28	993.61	997.24	0.70	ppb
Barium	135-1	4824.87	5076.79	5058.91	4986.86	2.82	ppb
Barium	137-1	4778.85	5181.32	5023.15	4994.44	4.06	ppb
Beryllium	9-1	989.94	993.62	1023.30	1002.29	1.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Boron	10-1	1000.94	1014.90	1055.48	1023.77	2.77	ppb
Boron	11-1	957.65	1014.12	1036.22	1002.66	4.04	ppb
Bromine	81-1						cps
Cadmium	111-1	967.95	1004.25	1020.66	997.62	2.70	ppb
Cadmium	106-1	952.91	1015.54	1017.68	995.38	3.70	ppb
Cadmium	108-1	975.52	1010.01	994.86	993.46	1.74	ppb
Calcium	43-1	103333.94	109794.57	105521.59	106216.70	3.09	ppb
Calcium	44-1	102173.86	104761.00	102977.15	103304.00	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1019.88	977.77	999.70	999.12	2.11	ppb
Cobalt	59-2	998.19	981.12	992.85	990.72	0.88	ppb
Copper	63-1	9881.15	9967.61	9840.79	9896.52	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	52370.11	51522.53	50597.93	51496.86	1.72	ppb
Iron	56-2	52059.23	52543.32	51708.00	52103.52	0.80	ppb
Iron	57-2	53016.16	50439.22	51119.29	51524.89	2.59	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:29:44	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5026.10	4962.94	5070.90	5019.98	1.08	ppb
Lead	207-1	4951.92	5021.30	5133.45	5035.56	1.82	ppb
Lead	208-1	4927.74	5030.22	5106.31	5021.42	1.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	102213.90	101633.25	102688.52	102178.56	0.52	ppb
Manganese	55-2	9970.71	9981.51	9939.11	9963.78	0.22	ppb
Molybdenum	94-1	5158.29	5053.92	4887.01	5033.07	2.72	ppb
Molybdenum	95-1	5046.21	5094.81	4911.52	5017.52	1.89	ppb
Molybdenum	96-1	5086.38	5043.29	4967.53	5032.40	1.20	ppb
Molybdenum	97-1	5148.50	4994.36	4952.02	5031.63	2.06	ppb
Molybdenum	98-1	5008.61	5064.72	4988.54	5020.62	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1015.67	1001.17	1011.41	1009.42	0.74	ppb
Phosphorus	31-2	19873.85	19689.72	20144.50	19902.69	1.15	ppb
Potassium	39-2	49702.14	49031.74	49069.06	49267.65	0.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	1001.98	1006.38	986.45	998.27	1.05	ppb
Selenium	77-2	963.96	1057.01	979.75	1000.24	4.98	ppb
Selenium	78-2	996.97	986.92	1008.44	997.44	1.08	ppb
Silicon	28-1	900.77	986.75	1001.62	963.05	5.65	ppb
Silver	107-1	972.04	1013.54	991.90	992.50	2.09	ppb
Silver	109-1	957.86	1006.46	1014.25	992.86	3.08	ppb
Sodium	23-2	101564.67	98017.10	100364.69	99982.15	1.80	ppb
Strontium	86-1	10096.95	10145.91	10003.67	10082.18	0.72	ppb
Strontium	88-1	10197.34	10178.63	9821.53	10065.83	2.10	ppb
Sulfur	34-1	18995.21	20036.04	19702.70	19577.98	2.71	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	1016.33	1001.69	1002.93	1006.98	0.81	ppb
Thallium	205-1	1013.33	1012.99	997.60	1007.97	0.89	ppb
Tin	118-1	979.69	983.51	1018.45	993.88	2.15	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:29:44	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5014.41	4954.80	4966.50	4978.57	0.63	ppb
Uranium	238-1	995.91	1007.44	1014.74	1006.03	0.94	ppb
Vanadium	51-2	1017.27	1002.56	982.75	1000.86	1.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	10034.98	9849.63	9756.14	9880.25	1.44	ppb
Zirconium	90-1	1029.30	986.71	992.78	1002.93	2.30	ppb
Zirconium	91-1	1017.39	1013.81	977.78	1002.99	2.18	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:32:50	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99165.92	101391.28	100123.84	100227.01	1.11	ppb
Antimony	121-1	0.78	0.73	0.83	0.78	6.55	ppb
Arsenic	75-2	0.43	0.34	0.42	0.40	12.55	ppb
Barium	135-1	2.53	2.47	2.21	2.40	7.00	ppb
Barium	137-1	2.49	2.37	2.33	2.40	3.43	ppb
Beryllium	9-1	0.26	0.26	0.24	0.26	3.73	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	131.06	128.25	114.09	124.47	7.31	ppb
Boron	11-1	140.44	138.37	121.44	133.42	7.81	ppb
Bromine	81-1						cps
Cadmium	111-1	0.50	0.22	0.31	0.34	42.14	ppb
Cadmium	106-1	1.73	-1.47	0.26	0.17	932.38	ppb
Cadmium	108-1	0.50	0.30	0.33	0.38	27.30	ppb
Calcium	43-1	497885.33	487455.31	509542.16	498294.27	2.22	ppb
Calcium	44-1	498854.54	490468.85	508145.82	499156.40	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.39	2.48	2.35	2.41	2.58	ppb
Cobalt	59-2	2.37	2.39	2.37	2.38	0.60	ppb
Copper	63-1	17.17	16.35	16.38	16.63	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	54-2	244381.02	252975.87	251145.22	249500.71	1.81	ppb
Iron	56-2	250090.23	250803.69	247266.27	249386.73	0.75	ppb
Iron	57-2	248964.93	253859.08	245895.58	249573.20	1.61	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:32:50	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.48	3.09	2.87	3.15	9.87	ppb
Lead	207-1	3.52	3.14	3.11	3.26	7.12	ppb
Lead	208-1	3.42	3.20	3.00	3.21	6.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	498591.62	500541.60	498953.93	499362.38	0.21	ppb
Manganese	55-2	14.57	15.04	14.70	14.77	1.67	ppb
Molybdenum	94-1	2.66	2.16	2.15	2.32	12.43	ppb
Molybdenum	95-1	2.11	1.87	1.72	1.90	10.39	ppb
Molybdenum	96-1	3.95	3.69	3.51	3.72	5.90	ppb
Molybdenum	97-1	2.25	1.77	1.64	1.88	17.07	ppb
Molybdenum	98-1	1.97	1.69	1.65	1.77	9.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.88	2.95	2.72	2.85	4.00	ppb
Phosphorus	31-2	3.83	9.59	12.91	8.78	52.31	ppb
Potassium	39-2	248193.92	248653.80	253593.60	250147.11	1.20	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	1.36	1.02	0.79	1.06	27.20	ppb
Selenium	77-2	0.35	0.88	-0.19	0.35	153.51	ppb
Selenium	78-2	0.57	0.19	0.88	0.55	62.82	ppb
Silicon	28-1	41.36	44.33	43.25	42.98	3.50	ppb
Silver	107-1	0.45	0.42	0.38	0.42	8.28	ppb
Silver	109-1	0.44	0.45	0.42	0.44	2.80	ppb
Sodium	23-2	497535.54	499402.98	502799.09	499912.54	0.53	ppb
Strontium	86-1	8.13	7.45	7.18	7.59	6.43	ppb
Strontium	88-1	8.03	7.40	7.22	7.55	5.65	ppb
Sulfur	34-1	-1639.57	-1834.59	-1607.68	-1693.94		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.42	0.32	0.30	0.34	18.25	ppb
Thallium	205-1	0.39	0.34	0.34	0.35	8.20	ppb
Tin	118-1	0.41	0.30	0.33	0.35	16.96	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:32:50	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.74	1.46	1.38	1.53	12.55	ppb
Uranium	238-1	0.29	0.24	0.21	0.25	15.68	ppb
Vanadium	51-2	0.29	0.28	0.31	0.29	4.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	20.15	19.67	20.58	20.13	2.27	ppb
Zirconium	90-1	0.63	0.53	0.56	0.57	9.26	ppb
Zirconium	91-1	0.63	0.51	0.52	0.56	12.37	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:44:49	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	482.88	480.43	486.21	483.17	0.60	ppb
Antimony	121-1	217.61	204.75	204.63	209.00	3.57	ppb
Arsenic	75-2	197.00	195.80	203.07	198.63	1.96	ppb
Barium	135-1	105.60	98.84	101.91	102.12	3.32	ppb
Barium	137-1	106.38	100.26	100.85	102.50	3.29	ppb
Beryllium	9-1	102.44	97.57	98.91	99.64	2.53	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	30.47	28.99	28.02	29.16	4.23	ppb
Boron	11-1	33.94	31.68	31.69	32.44	4.01	ppb
Bromine	81-1						cps
Cadmium	111-1	108.29	103.05	104.71	105.35	2.54	ppb
Cadmium	106-1	90.33	87.24	86.73	88.10	2.22	ppb
Cadmium	108-1	98.76	93.74	92.46	94.99	3.50	ppb
Calcium	43-1	2050.06	1922.94	1869.50	1947.50	4.76	ppb
Calcium	44-1	2083.39	1971.53	1958.70	2004.54	3.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.57	97.93	97.60	97.70	0.21	ppb
Cobalt	59-2	99.38	99.50	99.41	99.43	0.07	ppb
Copper	63-1	108.57	100.40	101.40	103.46	4.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				110		%
Indium	115-1				101		%
Indium	115-2				112		%
Iron	54-2	2014.16	2010.17	2053.54	2025.96	1.18	ppb
Iron	56-2	2037.64	2076.12	2040.28	2051.35	1.05	ppb
Iron	57-2	1932.22	1993.98	1935.16	1953.79	1.78	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:44:49	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	208.70	204.20	204.20	205.70	1.26	ppb
Lead	207-1	205.13	202.17	198.99	202.10	1.52	ppb
Lead	208-1	215.84	210.95	209.52	212.10	1.56	ppb
Lithium	6-1				103		%
Magnesium	24-2	1152.31	1146.57	1147.59	1148.82	0.27	ppb
Manganese	55-2	95.27	95.17	95.50	95.31	0.18	ppb
Molybdenum	94-1	0.04	0.06	0.02	0.04	61.21	ppb
Molybdenum	95-1	0.02	0.00	0.03	0.02	67.38	ppb
Molybdenum	96-1	0.05	0.04	0.05	0.04	19.38	ppb
Molybdenum	97-1	0.03	0.00	0.01	0.01	119.16	ppb
Molybdenum	98-1	0.04	0.01	0.04	0.03	54.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.50	108.85	108.58	109.31	0.95	ppb
Phosphorus	31-2	9.24	14.80	-6.22	5.94	183.40	ppb
Potassium	39-2	1923.18	1888.61	1953.08	1921.62	1.68	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	215.68	206.97	207.27	209.97	2.35	ppb
Selenium	77-2	217.00	221.28	210.76	216.35	2.44	ppb
Selenium	78-2	210.08	203.56	211.53	208.39	2.04	ppb
Silicon	28-1	8.84	4.67	5.59	6.37	34.42	ppb
Silver	107-1	51.67	49.91	48.94	50.17	2.75	ppb
Silver	109-1	52.48	50.22	50.65	51.12	2.35	ppb
Sodium	23-2	2016.31	1969.09	1973.07	1986.16	1.32	ppb
Strontium	86-1	0.15	0.15	0.15	0.15	2.51	ppb
Strontium	88-1	0.19	0.14	0.20	0.18	17.50	ppb
Sulfur	34-1	-672.00	-1137.26	-1175.72	-994.99		ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	209.08	209.85	201.75	206.89	2.16	ppb
Thallium	205-1	221.98	212.63	214.33	216.31	2.30	ppb
Tin	118-1	0.03	0.04	-0.01	0.02	130.03	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:44:49	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.02	0.07	0.03	142.24	ppb
Uranium	238-1	529.19	531.86	509.90	523.65	2.29	ppb
Vanadium	51-2	96.12	96.33	96.39	96.28	0.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	199.51	197.32	194.38	197.07	1.30	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	42.76	ppb
Zirconium	91-1	0.04	0.07	0.07	0.06	26.55	ppb

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : ICB50 Instrumnet Name : P8
 Client Sample ID : ICB50 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:47:55 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.35	0.17	0.39	63.42	ppb
Antimony	121-1	0.11	0.11	0.17	0.13	24.79	ppb
Arsenic	75-2	0.02	0.00	0.03	0.02	79.85	ppb
Barium	135-1	-0.04	-0.03	-0.03	-0.03		ppb
Barium	137-1	-0.07	-0.07	0.02	-0.04		ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	463.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	10-1	22.05	22.22	22.86	22.38	1.91	ppb
Boron	11-1	23.73	23.99	24.78	24.17	2.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.04	0.17	0.05	224.56	ppb
Cadmium	106-1	-0.08	-0.76	2.38	0.51	322.27	ppb
Cadmium	108-1	-0.22	-0.29	0.10	-0.14		ppb
Calcium	43-1	-5.33	-4.57	-3.34	-4.41		ppb
Calcium	44-1	1.55	1.18	-0.28	0.81	118.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.00	0.00	129.93	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	65.99	ppb
Copper	63-1	0.21	0.21	0.19	0.20	6.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	54-2	3.27	1.90	0.54	1.90	71.50	ppb
Iron	56-2	2.41	1.65	0.72	1.60	53.06	ppb
Iron	57-2	2.70	1.04	0.74	1.50	70.52	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:47:55	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.16	0.08	0.11	32.75	ppb
Lead	207-1	0.10	0.10	0.07	0.09	17.49	ppb
Lead	208-1	0.10	0.11	0.09	0.10	9.93	ppb
Lithium	6-1				103		%
Magnesium	24-2	4.35	2.94	1.19	2.83	56.11	ppb
Manganese	55-2	0.09	0.11	0.03	0.08	49.73	ppb
Molybdenum	94-1	-0.03	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.04	-0.03	0.03	-0.01		ppb
Molybdenum	96-1	-0.05	-0.03	-0.02	-0.03		ppb
Molybdenum	97-1	-0.04	-0.04	-0.03	-0.04		ppb
Molybdenum	98-1	-0.05	-0.04	-0.01	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.04	0.02	49.54	ppb
Phosphorus	31-2	6.87	6.85	5.26	6.33	14.59	ppb
Potassium	39-2	12.53	12.46	10.19	11.72	11.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	0.55	-0.25	-0.21	0.03	1392.06	ppb
Selenium	77-2	0.35	-0.19	-0.19	-0.01		ppb
Selenium	78-2	-0.15	0.40	0.26	0.17	168.17	ppb
Silicon	28-1	0.00	-1.07	-2.44	-1.17		ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.93	ppb
Silver	109-1	0.06	0.06	0.04	0.06	18.66	ppb
Sodium	23-2	33.28	32.32	30.52	32.04	4.38	ppb
Strontium	86-1	-0.19	-0.13	-0.16	-0.16		ppb
Strontium	88-1	-0.12	-0.08	-0.08	-0.10		ppb
Sulfur	34-1	-810.83	-1078.05	-1246.63	-1045.17		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.08	0.07	0.08	11.11	ppb
Thallium	205-1	0.10	0.10	0.09	0.09	7.37	ppb
Tin	118-1	0.01	-0.02	0.01	0.00		ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:47:55	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.07	-0.01	0.00	-0.03		ppb
Uranium	238-1	0.03	0.03	0.03	0.03	14.97	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	12.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	0.10	0.14	0.59	0.28	97.95	ppb
Zirconium	90-1	-0.01	-0.02	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:50:59	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80078.42	93696.18	90857.84	88210.81	8.14	ppb
Antimony	121-1	1.08	1.22	1.19	1.16	6.35	ppb
Arsenic	75-2	0.29	0.33	0.33	0.32	7.08	ppb
Barium	135-1	1.38	1.35	1.26	1.33	4.40	ppb
Barium	137-1	1.53	1.50	1.30	1.44	8.79	ppb
Beryllium	9-1	0.27	0.28	0.24	0.26	7.05	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	33.98	31.34	27.89	31.07	9.83	ppb
Boron	11-1	36.42	32.36	29.18	32.65	11.12	ppb
Bromine	81-1						cps
Cadmium	111-1	0.38	0.46	0.34	0.39	16.06	ppb
Cadmium	106-1	-0.35	1.24	0.33	0.41	196.36	ppb
Cadmium	108-1	11.04	11.10	11.30	11.15	1.23	ppb
Calcium	43-1	100337.26	98014.95	97986.62	98779.61	1.37	ppb
Calcium	44-1	99657.42	98504.60	95008.89	97723.64	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.43	19.09	18.13	17.88	7.54	ppb
Cobalt	59-2	0.98	1.13	1.06	1.06	7.33	ppb
Copper	63-1	10.26	10.25	9.99	10.17	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				114		%
Indium	115-1				103		%
Indium	115-2				112		%
Iron	54-2	87191.19	99483.82	97763.80	94812.94	7.02	ppb
Iron	56-2	89043.82	101176.81	97341.73	95854.12	6.47	ppb
Iron	57-2	85654.90	102569.07	96033.23	94752.40	9.00	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:50:59	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.26	4.72	4.20	4.39	6.54	ppb
Lead	207-1	3.84	4.07	3.85	3.92	3.36	ppb
Lead	208-1	3.99	4.26	3.99	4.08	3.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	82825.83	94624.43	92305.84	89918.70	6.95	ppb
Manganese	55-2	6.38	7.11	7.25	6.91	6.79	ppb
Molybdenum	94-1	1346.90	1300.45	1289.52	1312.29	2.32	ppb
Molybdenum	95-1	1931.15	1867.52	1914.75	1904.48	1.73	ppb
Molybdenum	96-1	1840.39	1771.09	1758.64	1790.04	2.46	ppb
Molybdenum	97-1	1884.63	1835.18	1848.68	1856.16	1.38	ppb
Molybdenum	98-1	1895.70	1854.03	1876.53	1875.42	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.42	5.37	4.78	4.86	9.92	ppb
Phosphorus	31-2	85247.22	99039.69	95723.05	93336.65	7.71	ppb
Potassium	39-2	84766.01	96967.91	93166.15	91633.36	6.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				107		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	82-1	0.14	-0.50	0.28	-0.03		ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	0.48	0.31	-0.02	0.26	99.83	ppb
Silicon	28-1	26.55	25.83	26.88	26.42	2.04	ppb
Silver	107-1	0.09	0.08	0.11	0.09	14.57	ppb
Silver	109-1	0.09	0.08	0.10	0.09	8.32	ppb
Sodium	23-2	86401.51	100504.53	96910.49	94605.51	7.75	ppb
Strontium	86-1	33.18	32.63	32.49	32.77	1.13	ppb
Strontium	88-1	33.41	33.05	33.02	33.16	0.65	ppb
Sulfur	34-1	99993.63	99196.96	101152.16	100114.25	0.98	ppb
Terbium	159-1				106		%
Terbium	159-2				113		%
Thallium	203-1	0.07	0.10	0.11	0.09	21.40	ppb
Thallium	205-1	0.05	0.10	0.12	0.09	37.94	ppb
Tin	118-1	0.11	0.13	0.10	0.11	14.21	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:50:59	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1982.10	2005.85	1909.34	1965.77	2.56	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	123.91	ppb
Vanadium	51-2	0.14	0.16	0.15	0.15	6.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				113		%
Zinc	66-2	10.11	12.37	12.06	11.52	10.62	ppb
Zirconium	90-1	0.00	0.03	-0.01	0.01	202.67	ppb
Zirconium	91-1	0.00	0.07	0.02	0.03	119.04	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:53:52	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95765.04	95870.49	93327.75	94987.76	1.51	ppb
Antimony	121-1	21.76	21.38	21.32	21.49	1.11	ppb
Arsenic	75-2	21.35	20.31	20.69	20.78	2.53	ppb
Barium	135-1	21.83	21.75	21.21	21.60	1.58	ppb
Barium	137-1	22.24	21.83	21.38	21.82	1.98	ppb
Beryllium	9-1	19.87	19.81	19.60	19.76	0.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	60.33	62.16	62.56	61.68	1.93	ppb
Boron	11-1	63.96	67.92	67.01	66.30	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	21.14	20.78	20.33	20.75	1.95	ppb
Cadmium	106-1	24.83	24.13	24.21	24.39	1.56	ppb
Cadmium	108-1	32.81	33.66	31.78	32.75	2.86	ppb
Calcium	43-1	99642.66	98171.25	96755.05	98189.65	1.47	ppb
Calcium	44-1	98410.42	99469.82	95636.58	97838.94	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.68	39.34	38.57	38.86	1.08	ppb
Cobalt	59-2	20.78	20.92	20.30	20.67	1.59	ppb
Copper	63-1	28.38	28.77	28.92	28.69	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	103153.47	104188.41	101116.95	102819.61	1.52	ppb
Iron	56-2	102227.65	103802.92	100900.35	102310.31	1.42	ppb
Iron	57-2	103816.97	101959.97	100967.68	102248.21	1.41	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:53:52	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.07	23.16	23.73	23.66	1.94	ppb
Lead	207-1	23.63	22.63	22.67	22.98	2.45	ppb
Lead	208-1	23.86	23.19	22.95	23.34	2.03	ppb
Lithium	6-1				106		%
Magnesium	24-2	100910.25	98541.92	96677.36	98709.84	2.15	ppb
Manganese	55-2	27.02	27.29	26.08	26.79	2.37	ppb
Molybdenum	94-1	1448.78	1403.22	1371.21	1407.74	2.77	ppb
Molybdenum	95-1	2015.85	1985.17	1963.81	1988.28	1.32	ppb
Molybdenum	96-1	1915.92	1868.37	1902.64	1895.64	1.29	ppb
Molybdenum	97-1	1967.35	1954.45	1890.73	1937.51	2.12	ppb
Molybdenum	98-1	2025.25	1977.89	1931.80	1978.31	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.52	24.88	24.26	24.55	1.28	ppb
Phosphorus	31-2	99948.88	101673.79	99146.56	100256.41	1.29	ppb
Potassium	39-2	97191.01	99094.94	96520.17	97602.04	1.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	19.53	20.90	19.79	20.07	3.61	ppb
Selenium	77-2	14.46	24.02	14.82	17.77	30.51	ppb
Selenium	78-2	21.74	18.62	18.48	19.61	9.39	ppb
Silicon	28-1	54.73	57.44	60.74	57.64	5.23	ppb
Silver	107-1	19.45	19.18	19.10	19.24	0.94	ppb
Silver	109-1	19.98	19.79	19.59	19.79	0.99	ppb
Sodium	23-2	103193.07	105430.99	100989.33	103204.46	2.15	ppb
Strontium	86-1	75.15	75.20	74.59	74.98	0.45	ppb
Strontium	88-1	77.86	77.28	76.98	77.37	0.58	ppb
Sulfur	34-1	99369.40	98698.59	99018.78	99028.92	0.34	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	20.42	19.69	19.35	19.82	2.76	ppb
Thallium	205-1	20.56	19.32	20.14	20.01	3.15	ppb
Tin	118-1	43.86	43.55	43.61	43.67	0.38	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:53:52	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2013.79	2046.60	2077.50	2045.96	1.56	ppb
Uranium	238-1	41.33	40.67	40.35	40.78	1.23	ppb
Vanadium	51-2	19.99	20.20	19.66	19.95	1.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	31.35	32.56	30.69	31.53	3.01	ppb
Zirconium	90-1	42.80	42.13	41.82	42.25	1.19	ppb
Zirconium	91-1	42.21	41.18	41.83	41.74	1.25	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:07:16	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48705.43	49348.80	47401.41	48485.21	2.05	ppb
Antimony	121-1	501.62	501.87	482.77	495.42	2.21	ppb
Arsenic	75-2	503.64	500.13	493.25	499.01	1.06	ppb
Barium	135-1	2585.54	2546.80	2499.44	2543.93	1.69	ppb
Barium	137-1	2585.25	2598.11	2492.49	2558.62	2.25	ppb
Beryllium	9-1	493.23	514.50	503.83	503.85	2.11	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	460.59	487.67	482.32	476.86	3.01	ppb
Boron	11-1	487.45	516.47	524.01	509.31	3.79	ppb
Bromine	81-1						cps
Cadmium	111-1	489.40	496.99	488.64	491.68	0.94	ppb
Cadmium	106-1	493.27	493.59	501.90	496.25	0.99	ppb
Cadmium	108-1	515.40	494.36	485.88	498.55	3.05	ppb
Calcium	43-1	253081.50	251349.43	238129.12	247520.02	3.30	ppb
Calcium	44-1	245145.04	252649.24	233836.44	243876.91	3.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.75	514.61	505.49	509.29	0.93	ppb
Cobalt	59-2	503.15	494.43	496.69	498.09	0.91	ppb
Copper	63-1	5100.01	5209.06	4962.81	5090.63	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	123490.16	121589.60	123816.71	122965.49	0.98	ppb
Iron	56-2	126830.83	127363.34	125913.81	126702.66	0.58	ppb
Iron	57-2	122779.76	121260.53	123244.75	122428.35	0.85	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:07:16	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2509.27	2455.38	2489.67	2484.78	1.10	ppb
Lead	207-1	2548.65	2494.29	2536.47	2526.47	1.13	ppb
Lead	208-1	2537.33	2487.16	2557.65	2527.38	1.44	ppb
Lithium	6-1				103		%
Magnesium	24-2	254034.20	257629.14	252972.53	254878.63	0.96	ppb
Manganese	55-2	5032.00	5021.74	5053.83	5035.86	0.33	ppb
Molybdenum	94-1	2468.83	2517.56	2426.85	2471.08	1.84	ppb
Molybdenum	95-1	2518.70	2495.47	2399.90	2471.36	2.55	ppb
Molybdenum	96-1	2481.70	2483.16	2395.93	2453.60	2.04	ppb
Molybdenum	97-1	2442.14	2456.13	2388.28	2428.85	1.47	ppb
Molybdenum	98-1	2479.79	2479.24	2391.83	2450.28	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.42	464.47	455.30	459.73	1.00	ppb
Phosphorus	31-2	9607.40	9858.42	9906.84	9790.88	1.64	ppb
Potassium	39-2	126931.35	124918.71	127228.15	126359.41	0.99	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	507.59	510.63	497.67	505.30	1.34	ppb
Selenium	77-2	504.63	496.20	536.71	512.52	4.17	ppb
Selenium	78-2	520.89	518.14	515.55	518.19	0.52	ppb
Silicon	28-1	468.70	490.22	476.80	478.57	2.27	ppb
Silver	107-1	501.14	508.20	495.25	501.53	1.29	ppb
Silver	109-1	517.22	508.24	496.55	507.34	2.04	ppb
Sodium	23-2	253243.64	253041.39	253155.95	253146.99	0.04	ppb
Strontium	86-1	4969.96	4878.56	4876.34	4908.28	1.09	ppb
Strontium	88-1	4978.33	4960.62	4837.44	4925.46	1.56	ppb
Sulfur	34-1	10673.80	10554.45	9970.44	10399.56	3.62	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	513.78	493.32	496.10	501.07	2.22	ppb
Thallium	205-1	498.78	486.14	496.48	493.80	1.36	ppb
Tin	118-1	504.13	505.74	488.05	499.31	1.96	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:07:16	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2510.01	2542.32	2459.57	2503.97	1.67	ppb
Uranium	238-1	519.90	509.96	531.39	520.42	2.06	ppb
Vanadium	51-2	516.59	516.88	514.88	516.12	0.21	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	4855.78	4890.86	4972.12	4906.26	1.22	ppb
Zirconium	90-1	505.56	505.35	496.51	502.47	1.03	ppb
Zirconium	91-1	512.22	519.37	504.02	511.87	1.50	ppb

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 15:14:17 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.64	0.74	0.58	33.24	ppb
Antimony	121-1	0.04	0.15	0.06	0.08	70.91	ppb
Arsenic	75-2	0.01	0.00	0.01	0.01	97.16	ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.06	-0.05	-0.04	-0.05		ppb
Beryllium	9-1	-0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	16.60	16.05	17.43	16.70	4.15	ppb
Boron	11-1	17.27	17.22	18.51	17.67	4.14	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	-0.05	0.00	-0.08		ppb
Cadmium	106-1	-2.57	-0.54	-0.17	-1.09		ppb
Cadmium	108-1	-0.21	-0.10	-0.28	-0.20		ppb
Calcium	43-1	-1.93	-1.65	0.86	-0.91		ppb
Calcium	44-1	0.47	2.44	1.24	1.39	71.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	215.61	ppb
Copper	63-1	0.19	0.25	0.14	0.19	27.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	54-2	1.11	1.30	0.82	1.07	22.62	ppb
Iron	56-2	1.20	1.20	1.54	1.31	15.02	ppb
Iron	57-2	0.44	1.40	0.19	0.68	94.43	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:14:17	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.08	0.07	24.84	ppb
Lead	207-1	0.07	0.08	0.04	0.06	36.80	ppb
Lead	208-1	0.04	0.07	0.05	0.06	28.06	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.28	1.96	1.28	1.84	27.81	ppb
Manganese	55-2	0.05	0.03	0.06	0.05	35.26	ppb
Molybdenum	94-1	0.03	0.03	0.06	0.04	50.27	ppb
Molybdenum	95-1	0.03	0.10	-0.01	0.04	127.55	ppb
Molybdenum	96-1	0.02	0.03	0.08	0.04	68.84	ppb
Molybdenum	97-1	0.02	0.06	0.04	0.04	58.00	ppb
Molybdenum	98-1	0.01	0.05	0.05	0.04	55.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.00	0.02	82.53	ppb
Phosphorus	31-2	-0.45	-9.67	-7.95	-6.03		ppb
Potassium	39-2	11.89	12.34	3.32	9.19	55.31	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.11	-0.18	-0.86	-0.38		ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.27	-0.15	-0.13	-0.18		ppb
Silicon	28-1	-3.66	-3.49	-3.52	-3.56		ppb
Silver	107-1	0.03	0.04	0.02	0.03	19.18	ppb
Silver	109-1	0.03	0.03	0.02	0.03	37.79	ppb
Sodium	23-2	21.93	19.16	18.16	19.75	9.88	ppb
Strontium	86-1	-0.14	0.08	-0.06	-0.04		ppb
Strontium	88-1	-0.06	-0.05	-0.04	-0.05		ppb
Sulfur	34-1	-992.16	-944.58	-923.59	-953.44		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.02	0.02	0.02	36.52	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	20.75	ppb
Tin	118-1	-0.01	0.01	0.02	0.00	412.03	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:14:17	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.08	0.01	0.04	110.19	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	42.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				109		%
Zinc	66-2	0.25	0.08	0.22	0.18	49.41	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	209.99	ppb
Zirconium	91-1	-0.02	0.02	0.01	0.00	393.42	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:25:21	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.65	20.45	20.63	19.91	5.48	ppb
Antimony	121-1	1.93	1.88	1.86	1.89	1.95	ppb
Arsenic	75-2	1.01	0.89	0.86	0.92	8.57	ppb
Barium	135-1	10.10	9.34	9.12	9.52	5.40	ppb
Barium	137-1	9.98	9.38	9.27	9.55	3.98	ppb
Beryllium	9-1	1.01	0.91	0.89	0.94	6.40	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	10-1	27.94	27.14	28.96	28.01	3.25	ppb
Boron	11-1	30.63	29.58	30.44	30.22	1.85	ppb
Bromine	81-1						cps
Cadmium	111-1	1.15	1.08	0.99	1.07	7.57	ppb
Cadmium	106-1	3.23	1.63	1.63	2.17	42.64	ppb
Cadmium	108-1	1.20	0.54	0.56	0.76	49.20	ppb
Calcium	43-1	447.88	447.12	440.23	445.08	0.95	ppb
Calcium	44-1	461.76	459.70	434.52	451.99	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.79	1.84	1.83	1.68	ppb
Cobalt	59-2	0.95	0.91	0.90	0.92	2.89	ppb
Copper	63-1	1.77	1.78	1.68	1.75	3.22	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				105		%
Holmium	165-2				110		%
Indium	115-1				104		%
Indium	115-2				114		%
Iron	54-2	53.02	50.27	48.50	50.59	4.50	ppb
Iron	56-2	49.34	50.02	51.65	50.33	2.36	ppb
Iron	57-2	49.83	48.89	51.03	49.92	2.15	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:25:21	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.81	0.80	0.82	0.81	1.18	ppb
Lead	207-1	0.82	0.87	0.84	0.84	2.59	ppb
Lead	208-1	0.86	0.84	0.88	0.86	2.63	ppb
Lithium	6-1				107		%
Magnesium	24-2	470.99	479.43	462.93	471.12	1.75	ppb
Manganese	55-2	1.07	1.00	1.07	1.05	3.73	ppb
Molybdenum	94-1	4.38	4.57	4.41	4.46	2.27	ppb
Molybdenum	95-1	4.54	4.59	4.39	4.51	2.23	ppb
Molybdenum	96-1	4.52	4.52	4.37	4.47	1.93	ppb
Molybdenum	97-1	4.52	4.56	4.59	4.55	0.74	ppb
Molybdenum	98-1	4.50	4.66	4.34	4.50	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.07	1.18	1.12	4.97	ppb
Phosphorus	31-2	10.39	17.07	-10.33	5.71	250.04	ppb
Potassium	39-2	451.52	449.99	438.77	446.76	1.56	ppb
Rhodium	103-1				105		%
Rhodium	103-2				110		%
Scandium	45-1				107		%
Scandium	45-2				111		%
Selenium	82-1	4.76	4.31	4.45	4.51	5.19	ppb
Selenium	77-2	8.52	2.39	6.38	5.76	54.00	ppb
Selenium	78-2	5.92	5.15	5.29	5.45	7.55	ppb
Silicon	28-1	3.55	2.50	-0.29	1.92	103.34	ppb
Silver	107-1	1.02	0.99	1.00	1.00	1.41	ppb
Silver	109-1	1.03	1.05	0.99	1.03	2.90	ppb
Sodium	23-2	481.14	480.22	472.67	478.01	0.97	ppb
Strontium	86-1	0.89	0.76	0.89	0.85	9.07	ppb
Strontium	88-1	0.91	0.94	0.93	0.93	1.33	ppb
Sulfur	34-1	-543.95	-646.07	-1153.33	-781.11		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.83	0.88	0.87	0.86	2.86	ppb
Thallium	205-1	0.87	0.82	0.91	0.86	5.30	ppb
Tin	118-1	4.93	4.55	4.51	4.66	4.90	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:25:21	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.83	4.49	4.38	4.57	5.06	ppb
Uranium	238-1	0.87	0.80	0.81	0.82	4.32	ppb
Vanadium	51-2	4.69	4.52	4.40	4.54	3.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	2.36	2.40	2.14	2.30	6.14	ppb
Zirconium	90-1	0.83	0.89	0.85	0.86	3.46	ppb
Zirconium	91-1	0.94	0.84	0.86	0.88	5.94	ppb

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : PB139911BL Instrumnet Name : P8
 Client Sample ID : PB139911BL Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 15:28:24 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.69	1.23	0.36	0.76	58.24	ppb
Antimony	121-1	-0.01	0.00	-0.01	0.00		ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	-0.05	0.04	0.01	0.00	4759.11	ppb
Barium	137-1	-0.06	-0.01	-0.04	-0.04		ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	9.00	8.32	7.93	8.42	6.40	ppb
Boron	11-1	9.24	8.64	8.37	8.75	5.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	-0.07	0.12	0.06	185.21	ppb
Cadmium	106-1	1.59	-0.72	1.63	0.84	160.83	ppb
Cadmium	108-1	-0.24	-0.19	-0.19	-0.21		ppb
Calcium	43-1	-1.62	-0.84	-2.76	-1.74		ppb
Calcium	44-1	-2.93	-4.29	-3.37	-3.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.04	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	171.34	ppb
Copper	63-1	0.02	0.00	-0.01	0.00	341.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				112		%
Iron	54-2	2.23	2.35	0.26	1.62	72.77	ppb
Iron	56-2	1.85	1.91	0.79	1.52	41.53	ppb
Iron	57-2	0.80	2.32	0.16	1.09	101.43	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BL	Instrumnet Name :	P8
Client Sample ID :	PB139911BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:28:24	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.05	-0.04	0.00	832.31	ppb
Lead	207-1	-0.03	0.02	0.04	0.01	279.43	ppb
Lead	208-1	-0.01	0.03	0.00	0.01	246.02	ppb
Lithium	6-1				111		%
Magnesium	24-2	7.82	1.41	1.58	3.60	101.36	ppb
Manganese	55-2	0.11	0.12	0.06	0.10	33.84	ppb
Molybdenum	94-1	-0.03	0.01	-0.04	-0.02		ppb
Molybdenum	95-1	-0.02	-0.02	0.03	0.00		ppb
Molybdenum	96-1	-0.03	0.00	0.00	-0.01		ppb
Molybdenum	97-1	-0.03	-0.02	0.02	-0.01		ppb
Molybdenum	98-1	-0.02	0.00	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	4.00	-1.48	-1.20	0.44	699.85	ppb
Potassium	39-2	6.17	-1.56	2.10	2.24	172.61	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	-0.32	-0.34	-0.30	-0.32		ppb
Selenium	77-2	0.86	0.34	-0.19	0.34	154.56	ppb
Selenium	78-2	-0.70	0.57	0.08	-0.02		ppb
Silicon	28-1	-8.16	-11.11	-9.53	-9.60		ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.32	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.11	ppb
Sodium	23-2	9.77	6.16	7.51	7.81	23.38	ppb
Strontium	86-1	-0.10	-0.13	-0.16	-0.13		ppb
Strontium	88-1	-0.09	-0.06	-0.05	-0.07		ppb
Sulfur	34-1	-688.53	-1092.66	-875.39	-885.53		ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.00	0.01	0.01	59.80	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	28.39	ppb
Tin	118-1	-0.06	-0.06	-0.05	-0.06		ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BL	Instrumnet Name :	P8
Client Sample ID :	PB139911BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:28:24	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	-0.06	-0.01	-0.04		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	114.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	0.36	0.36	0.36	0.36	0.70	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BS	Instrumnet Name :	P8
Client Sample ID :	PB139911BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:31:24	DataFile Name :	026LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9521.56	9539.46	9545.41	9535.48	0.13	ppb
Antimony	121-1	505.35	514.67	523.90	514.64	1.80	ppb
Arsenic	75-2	508.81	512.63	512.34	511.26	0.42	ppb
Barium	135-1	2469.35	2552.54	2563.69	2528.53	2.04	ppb
Barium	137-1	2485.63	2515.34	2565.06	2522.01	1.59	ppb
Beryllium	9-1	511.50	507.12	501.84	506.82	0.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	414.59	432.06	451.18	432.61	4.23	ppb
Boron	11-1	455.91	470.47	487.74	471.37	3.38	ppb
Bromine	81-1						cps
Cadmium	111-1	494.04	503.14	509.33	502.17	1.53	ppb
Cadmium	106-1	499.86	512.69	510.99	507.85	1.37	ppb
Cadmium	108-1	506.55	511.02	524.65	514.07	1.83	ppb
Calcium	43-1	52527.51	53093.73	52783.28	52801.51	0.54	ppb
Calcium	44-1	51266.48	50791.88	50988.93	51015.77	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.83	513.74	510.17	510.58	0.58	ppb
Cobalt	59-2	491.33	504.70	515.84	503.96	2.43	ppb
Copper	63-1	5152.75	5101.37	5188.10	5147.41	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	54-2	26214.45	26329.22	26737.19	26426.95	1.04	ppb
Iron	56-2	25706.34	26055.32	25901.71	25887.79	0.68	ppb
Iron	57-2	25983.06	26474.20	26893.94	26450.40	1.72	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BS	Instrumnet Name :	P8
Client Sample ID :	PB139911BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:31:24	DataFile Name :	026LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2541.77	2425.13	2572.50	2513.13	3.09	ppb
Lead	207-1	2501.20	2449.46	2550.15	2500.27	2.01	ppb
Lead	208-1	2522.77	2457.79	2531.61	2504.06	1.61	ppb
Lithium	6-1				108		%
Magnesium	24-2	52323.02	52161.71	52273.03	52252.58	0.16	ppb
Manganese	55-2	5043.41	5107.43	5007.91	5052.92	1.00	ppb
Molybdenum	94-1	2429.14	2446.42	2448.73	2441.43	0.44	ppb
Molybdenum	95-1	2452.58	2465.76	2492.20	2470.18	0.82	ppb
Molybdenum	96-1	2428.38	2454.74	2473.70	2452.27	0.93	ppb
Molybdenum	97-1	2369.79	2468.46	2470.48	2436.24	2.36	ppb
Molybdenum	98-1	2425.87	2543.68	2521.57	2497.04	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.06	477.04	484.60	479.23	0.97	ppb
Phosphorus	31-2	10351.48	10026.70	9864.92	10081.03	2.46	ppb
Potassium	39-2	25230.00	25502.25	25627.26	25453.17	0.80	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	492.65	511.73	502.86	502.41	1.90	ppb
Selenium	77-2	516.52	518.49	510.12	515.04	0.85	ppb
Selenium	78-2	505.69	506.27	519.73	510.56	1.56	ppb
Silicon	28-1	527.30	533.06	610.25	556.87	8.32	ppb
Silver	107-1	509.89	518.31	512.61	513.60	0.84	ppb
Silver	109-1	519.85	518.27	530.21	522.78	1.24	ppb
Sodium	23-2	52305.27	51506.87	52488.19	52100.11	1.00	ppb
Strontium	86-1	4881.05	5009.30	4975.84	4955.40	1.34	ppb
Strontium	88-1	4895.94	5024.90	4911.46	4944.10	1.42	ppb
Sulfur	34-1	10389.49	10041.75	10410.22	10280.49	2.01	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	512.25	499.09	525.04	512.13	2.53	ppb
Thallium	205-1	507.05	470.30	510.19	495.85	4.47	ppb
Tin	118-1	503.27	513.83	533.21	516.77	2.94	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BS	Instrumnet Name :	P8
Client Sample ID :	PB139911BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:31:24	DataFile Name :	026LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2489.59	2481.19	2551.98	2507.59	1.54	ppb
Uranium	238-1	497.13	477.73	496.68	490.52	2.26	ppb
Vanadium	51-2	503.84	500.47	505.18	503.16	0.48	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	5027.47	5065.76	5164.80	5086.01	1.39	ppb
Zirconium	90-1	491.15	489.43	499.14	493.24	1.05	ppb
Zirconium	91-1	499.30	508.04	503.72	503.69	0.87	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01	Instrumnet Name :	P8
Client Sample ID :	211007077-01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:44:34	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.64	7.60	8.75	9.33	22.31	ppb
Antimony	121-1	0.03	0.02	0.07	0.04	64.05	ppb
Arsenic	75-2	0.04	0.05	0.03	0.04	29.33	ppb
Barium	135-1	80.80	81.89	81.48	81.39	0.68	ppb
Barium	137-1	83.75	80.21	82.70	82.22	2.21	ppb
Beryllium	9-1	0.03	0.03	0.07	0.04	52.49	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	34.42	36.81	38.18	36.47	5.22	ppb
Boron	11-1	37.41	38.39	39.90	38.57	3.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.15	-0.06	-0.11	-0.10		ppb
Cadmium	106-1	-1.90	-1.02	-1.92	-1.61		ppb
Cadmium	108-1	-0.21	-0.29	-0.22	-0.24		ppb
Calcium	43-1	20343.52	20104.82	21062.92	20503.75	2.43	ppb
Calcium	44-1	21002.92	20595.76	21253.30	20950.66	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.22	0.20	0.24	19.49	ppb
Cobalt	59-2	0.05	0.03	0.03	0.04	34.86	ppb
Copper	63-1	1.07	1.06	1.32	1.15	12.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				112		%
Iron	54-2	7427.47	7271.65	7564.49	7421.20	1.97	ppb
Iron	56-2	7906.53	7751.45	7683.06	7780.35	1.47	ppb
Iron	57-2	7445.64	7403.04	7273.29	7373.99	1.22	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01	Instrumnet Name :	P8
Client Sample ID :	211007077-01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:44:34	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.07	0.21	0.13	53.23	ppb
Lead	207-1	0.10	0.05	0.18	0.11	57.94	ppb
Lead	208-1	0.11	0.09	0.20	0.13	45.77	ppb
Lithium	6-1				109		%
Magnesium	24-2	3748.69	3662.34	3736.79	3715.94	1.26	ppb
Manganese	55-2	104.51	102.87	104.91	104.10	1.04	ppb
Molybdenum	94-1	0.11	0.08	0.17	0.12	39.64	ppb
Molybdenum	95-1	0.07	0.04	0.19	0.10	80.25	ppb
Molybdenum	96-1	0.16	0.14	0.25	0.18	33.01	ppb
Molybdenum	97-1	0.17	0.06	0.21	0.15	54.25	ppb
Molybdenum	98-1	0.10	0.05	0.19	0.11	62.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.27	0.30	0.27	13.15	ppb
Phosphorus	31-2	43.45	42.32	32.81	39.53	14.79	ppb
Potassium	39-2	5012.39	5041.29	5147.39	5067.02	1.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	82-1	0.16	0.16	-0.04	0.10	121.62	ppb
Selenium	77-2	0.32	-0.19	0.31	0.15	196.36	ppb
Selenium	78-2	-0.16	0.14	-0.04	-0.02		ppb
Silicon	28-1	3934.19	3958.91	4067.93	3987.01	1.78	ppb
Silver	107-1	0.03	0.02	0.02	0.02	26.85	ppb
Silver	109-1	0.02	0.01	0.02	0.02	33.03	ppb
Sodium	23-2	6240.85	6230.58	6315.42	6262.28	0.74	ppb
Strontium	86-1	1039.34	1059.40	1021.45	1040.06	1.83	ppb
Strontium	88-1	1017.36	1038.38	995.32	1017.02	2.12	ppb
Sulfur	34-1	8534.86	8439.08	8863.22	8612.39	2.58	ppb
Terbium	159-1				107		%
Terbium	159-2				112		%
Thallium	203-1	0.02	0.00	0.00	0.01	233.25	ppb
Thallium	205-1	0.01	-0.01	0.02	0.01	237.29	ppb
Tin	118-1	-0.01	-0.02	0.04	0.00	905.77	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01	Instrumnet Name :	P8
Client Sample ID :	211007077-01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:44:34	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.29	0.23	0.51	0.34	43.02	ppb
Uranium	238-1	0.00	0.00	0.04	0.01	151.02	ppb
Vanadium	51-2	0.06	0.03	0.04	0.04	40.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	5.52	4.77	4.85	5.05	8.19	ppb
Zirconium	90-1	0.02	0.01	0.04	0.02	65.63	ppb
Zirconium	91-1	0.05	-0.02	0.08	0.04	127.05	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01DUP	Instrumnet Name :	P8
Client Sample ID :	211007077-01DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:47:30	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.40	5.68	5.25	5.78	10.12	ppb
Antimony	121-1	0.01	0.00	0.02	0.01	75.42	ppb
Arsenic	75-2	0.03	0.02	0.01	0.02	49.51	ppb
Barium	135-1	82.05	78.84	79.07	79.99	2.24	ppb
Barium	137-1	81.83	84.15	82.81	82.93	1.41	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	15.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	37.19	39.03	38.81	38.35	2.63	ppb
Boron	11-1	39.76	41.76	41.27	40.93	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.05	0.05	0.00	2109.35	ppb
Cadmium	106-1	0.07	-0.67	0.50	-0.04		ppb
Cadmium	108-1	-0.07	-0.26	-0.24	-0.19		ppb
Calcium	43-1	21071.78	20591.85	20878.28	20847.30	1.16	ppb
Calcium	44-1	20884.73	20496.43	20981.50	20787.55	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.20	0.25	0.21	20.80	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	73.59	ppb
Copper	63-1	1.10	1.01	1.02	1.04	4.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	54-2	7624.44	7922.89	7889.73	7812.35	2.09	ppb
Iron	56-2	7882.71	8377.11	8256.69	8172.17	3.15	ppb
Iron	57-2	7569.18	7894.77	7894.52	7786.16	2.41	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01DUP	Instrumnet Name :	P8
Client Sample ID :	211007077-01DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:47:30	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.10	0.04	0.08	44.68	ppb
Lead	207-1	0.06	0.05	0.06	0.05	7.02	ppb
Lead	208-1	0.08	0.07	0.04	0.06	29.21	ppb
Lithium	6-1				107		%
Magnesium	24-2	3723.76	3938.82	3896.19	3852.92	2.96	ppb
Manganese	55-2	107.35	112.17	110.59	110.04	2.23	ppb
Molybdenum	94-1	0.06	0.06	0.04	0.05	12.37	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	15.78	ppb
Molybdenum	96-1	0.08	0.08	0.10	0.08	11.85	ppb
Molybdenum	97-1	0.06	0.03	0.04	0.04	30.24	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	41.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.29	0.28	0.28	7.57	ppb
Phosphorus	31-2	42.23	16.67	50.30	36.40	48.24	ppb
Potassium	39-2	5208.39	5456.88	5422.94	5362.74	2.51	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	-0.49	0.23	0.94	0.23	315.88	ppb
Selenium	77-2	0.81	-0.19	-0.19	0.15	392.63	ppb
Selenium	78-2	-0.15	0.76	-0.45	0.05	1163.94	ppb
Silicon	28-1	4269.79	4094.48	4088.94	4151.07	2.48	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.97	ppb
Silver	109-1	0.01	0.02	0.02	0.02	24.31	ppb
Sodium	23-2	6227.43	6462.01	6414.09	6367.84	1.95	ppb
Strontium	86-1	989.03	1019.60	1007.14	1005.26	1.53	ppb
Strontium	88-1	1003.50	1018.26	1017.16	1012.97	0.81	ppb
Sulfur	34-1	9860.84	9145.73	9644.61	9550.39	3.84	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.01		ppb
Tin	118-1	0.01	0.00	0.00	0.01	74.45	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01DUP	Instrumnet Name :	P8
Client Sample ID :	211007077-01DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:47:30	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.35	0.24	0.28	0.29	18.24	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	11.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	4.94	5.14	4.93	5.00	2.36	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	355.86	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	55.17	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01LX5	Instrumnet Name :	P8
Client Sample ID :	211007077-01L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-15 15:50:29	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.45	1.81	3.14	3.47	53.14	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	29.85	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	65.72	ppb
Barium	135-1	15.92	15.88	15.93	15.91	0.19	ppb
Barium	137-1	16.13	16.47	16.41	16.34	1.09	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.01	202.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	11.15	13.00	12.62	12.26	7.96	ppb
Boron	11-1	11.90	12.75	13.48	12.71	6.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.11	-0.09	0.03	301.50	ppb
Cadmium	106-1	1.09	1.30	-1.01	0.46	276.79	ppb
Cadmium	108-1	-0.10	-0.26	-0.04	-0.13		ppb
Calcium	43-1	4079.83	4072.69	4132.64	4095.05	0.80	ppb
Calcium	44-1	4047.89	4177.42	4152.84	4126.05	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.01	0.02	0.03	78.29	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	302.30	ppb
Copper	63-1	0.40	0.39	0.29	0.36	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				108		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	1506.78	1490.30	1482.37	1493.15	0.83	ppb
Iron	56-2	1611.15	1587.88	1564.19	1587.74	1.48	ppb
Iron	57-2	1502.27	1461.81	1495.75	1486.61	1.46	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01LX5	Instrumnet Name :	P8
Client Sample ID :	211007077-01L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-15 15:50:29	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.09	0.02	0.04	105.19	ppb
Lead	207-1	0.07	0.09	0.03	0.07	46.68	ppb
Lead	208-1	0.04	0.07	0.02	0.04	63.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	756.22	745.71	749.63	750.52	0.71	ppb
Manganese	55-2	21.89	21.38	20.71	21.33	2.76	ppb
Molybdenum	94-1	0.06	0.10	-0.02	0.05	120.03	ppb
Molybdenum	95-1	0.07	0.11	0.06	0.08	35.73	ppb
Molybdenum	96-1	0.09	0.11	0.01	0.07	76.26	ppb
Molybdenum	97-1	0.10	0.11	0.03	0.08	57.84	ppb
Molybdenum	98-1	0.13	0.10	0.00	0.07	92.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.50	0.47	0.48	4.03	ppb
Phosphorus	31-2	12.69	-2.38	5.88	5.40	139.77	ppb
Potassium	39-2	1046.73	1016.94	1031.09	1031.58	1.44	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	-0.08	-0.82	-0.51	-0.47		ppb
Selenium	77-2	-0.19	-0.19	0.86	0.16	370.37	ppb
Selenium	78-2	-0.31	-0.06	0.26	-0.04		ppb
Silicon	28-1	775.70	806.13	801.81	794.54	2.07	ppb
Silver	107-1	0.03	0.02	0.02	0.02	25.98	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.43	ppb
Sodium	23-2	1252.65	1236.86	1257.46	1248.99	0.86	ppb
Strontium	86-1	198.06	192.84	196.05	195.65	1.35	ppb
Strontium	88-1	198.08	197.46	204.25	199.93	1.88	ppb
Sulfur	34-1	750.13	1068.23	1315.62	1044.66	27.14	ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.01	-0.04	-0.02		ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01LX5	Instrumnet Name :	P8
Client Sample ID :	211007077-01L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-15 15:50:29	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.08	0.03	0.07	42.54	ppb
Uranium	238-1	0.01	0.01	-0.01	0.01	232.26	ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	62.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	1.94	1.70	1.75	1.80	6.95	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	76.57	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:01:31	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49001.39	50943.77	48209.37	49384.84	2.85	ppb
Antimony	121-1	514.18	506.40	505.85	508.81	0.91	ppb
Arsenic	75-2	510.58	513.00	514.97	512.85	0.43	ppb
Barium	135-1	2593.38	2514.83	2523.82	2544.01	1.69	ppb
Barium	137-1	2627.97	2516.37	2547.48	2563.94	2.25	ppb
Beryllium	9-1	502.44	509.23	522.34	511.34	1.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	480.15	505.61	522.44	502.73	4.24	ppb
Boron	11-1	507.39	535.86	569.88	537.71	5.82	ppb
Bromine	81-1						cps
Cadmium	111-1	522.27	518.93	502.88	514.69	2.01	ppb
Cadmium	106-1	505.91	523.19	507.42	512.17	1.87	ppb
Cadmium	108-1	528.49	508.74	519.17	518.80	1.90	ppb
Calcium	43-1	252478.09	247206.16	249356.54	249680.26	1.06	ppb
Calcium	44-1	247131.09	241682.38	251104.10	246639.19	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.71	514.06	498.64	508.14	1.63	ppb
Cobalt	59-2	499.25	500.75	498.54	499.51	0.23	ppb
Copper	63-1	4925.27	4896.86	4832.69	4884.94	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	123240.33	124735.39	124738.57	124238.10	0.70	ppb
Iron	56-2	123424.87	125150.66	123976.44	124183.99	0.71	ppb
Iron	57-2	122752.36	125627.94	123847.05	124075.78	1.17	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:01:31	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2592.47	2589.39	2580.30	2587.39	0.24	ppb
Lead	207-1	2645.62	2559.54	2561.60	2588.92	1.90	ppb
Lead	208-1	2629.88	2551.20	2558.58	2579.89	1.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	252315.37	258762.50	254479.70	255185.86	1.29	ppb
Manganese	55-2	4953.96	5003.05	4898.67	4951.90	1.05	ppb
Molybdenum	94-1	2472.65	2531.74	2482.75	2495.71	1.27	ppb
Molybdenum	95-1	2506.77	2542.45	2530.92	2526.71	0.72	ppb
Molybdenum	96-1	2488.44	2497.50	2546.51	2510.82	1.24	ppb
Molybdenum	97-1	2459.35	2514.95	2573.35	2515.89	2.27	ppb
Molybdenum	98-1	2464.47	2556.44	2540.97	2520.63	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.23	487.87	489.85	488.32	0.28	ppb
Phosphorus	31-2	10205.45	9980.63	10013.25	10066.44	1.21	ppb
Potassium	39-2	126169.63	127363.42	127604.36	127045.80	0.60	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	504.13	516.72	518.59	513.15	1.53	ppb
Selenium	77-2	517.20	528.19	509.74	518.38	1.79	ppb
Selenium	78-2	512.29	514.02	523.59	516.63	1.18	ppb
Silicon	28-1	520.30	549.54	532.19	534.01	2.75	ppb
Silver	107-1	489.54	489.45	496.06	491.69	0.77	ppb
Silver	109-1	513.13	499.49	488.30	500.31	2.49	ppb
Sodium	23-2	254962.68	255261.97	256090.10	255438.25	0.23	ppb
Strontium	86-1	4827.69	5029.90	4984.83	4947.47	2.15	ppb
Strontium	88-1	4780.05	5023.76	5084.74	4962.85	3.25	ppb
Sulfur	34-1	9846.99	10430.34	9464.64	9913.99	4.91	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	519.36	505.34	507.59	510.76	1.47	ppb
Thallium	205-1	513.19	503.21	493.77	503.39	1.93	ppb
Tin	118-1	512.18	505.00	499.96	505.71	1.21	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:01:31	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2569.86	2503.55	2460.36	2511.26	2.20	ppb
Uranium	238-1	530.50	516.70	518.92	522.04	1.42	ppb
Vanadium	51-2	509.25	497.65	509.49	505.46	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	4789.64	4856.32	4814.90	4820.29	0.70	ppb
Zirconium	90-1	498.41	504.80	507.65	503.62	0.94	ppb
Zirconium	91-1	504.29	527.46	510.56	514.10	2.33	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:11:13	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.51	2.29	2.25	2.02	21.82	ppb
Antimony	121-1	0.01	0.05	0.06	0.04	58.20	ppb
Arsenic	75-2	0.03	0.03	0.02	0.03	17.37	ppb
Barium	135-1	0.02	0.02	0.02	0.02	14.63	ppb
Barium	137-1	-0.01	-0.01	-0.04	-0.02		ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	1624.69	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	13.63	11.91	12.17	12.57	7.34	ppb
Boron	11-1	13.97	12.65	12.78	13.13	5.53	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.03	-0.06	-0.07		ppb
Cadmium	106-1	-1.45	-0.49	-0.69	-0.87		ppb
Cadmium	108-1	-0.26	-0.19	-0.20	-0.22		ppb
Calcium	43-1	0.78	0.43	-0.98	0.08	1188.66	ppb
Calcium	44-1	4.13	3.11	0.28	2.51	79.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.01	0.00		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	20.07	ppb
Copper	63-1	0.08	0.11	0.10	0.10	17.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				116		%
Iron	54-2	3.50	4.86	3.78	4.05	17.71	ppb
Iron	56-2	3.06	5.29	5.37	4.57	28.68	ppb
Iron	57-2	4.37	4.35	6.13	4.95	20.67	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:11:13	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.02	0.04	0.05	73.80	ppb
Lead	207-1	0.05	0.05	0.05	0.05	4.30	ppb
Lead	208-1	0.05	0.05	0.03	0.05	25.84	ppb
Lithium	6-1				111		%
Magnesium	24-2	5.84	7.93	8.64	7.47	19.50	ppb
Manganese	55-2	0.12	0.19	0.19	0.17	22.82	ppb
Molybdenum	94-1	0.00	0.01	0.03	0.01	102.03	ppb
Molybdenum	95-1	0.01	0.03	0.05	0.03	79.12	ppb
Molybdenum	96-1	0.00	0.03	0.03	0.02	71.10	ppb
Molybdenum	97-1	0.01	0.02	0.06	0.03	91.83	ppb
Molybdenum	98-1	0.01	0.03	0.04	0.03	58.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	0.03	0.04	27.19	ppb
Phosphorus	31-2	1.91	-3.44	4.93	1.14	373.63	ppb
Potassium	39-2	2.31	10.25	6.03	6.20	64.12	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	-0.19	-0.61	0.30	-0.17		ppb
Selenium	77-2	0.33	0.83	0.33	0.50	58.96	ppb
Selenium	78-2	0.29	0.48	0.05	0.27	78.23	ppb
Silicon	28-1	-5.43	-7.91	-10.59	-7.98		ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.25	ppb
Silver	109-1	0.01	0.01	0.00	0.01	56.24	ppb
Sodium	23-2	19.98	20.21	22.90	21.03	7.73	ppb
Strontium	86-1	-0.08	-0.06	-0.09	-0.08		ppb
Strontium	88-1	-0.03	-0.03	0.01	-0.02		ppb
Sulfur	34-1	-1246.33	-1494.93	-1767.08	-1502.78		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.01	0.02	0.02	25.31	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	41.79	ppb
Tin	118-1	-0.01	-0.03	-0.01	-0.02		ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:11:13	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.07	-0.06	-0.01	-0.05		ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	30.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	0.84	0.83	0.92	0.86	5.40	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	32.86	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	488.84	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MS	Instrumnet Name :	P8
Client Sample ID :	211007077-01MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:14:14	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9470.89	9491.90	10476.16	9812.98	5.85	ppb
Antimony	121-1	530.32	523.94	524.17	526.14	0.69	ppb
Arsenic	75-2	528.78	535.65	588.10	550.84	5.89	ppb
Barium	135-1	2637.41	2648.75	2638.72	2641.63	0.23	ppb
Barium	137-1	2621.99	2628.85	2658.82	2636.56	0.74	ppb
Beryllium	9-1	511.65	514.09	515.14	513.62	0.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	452.54	490.17	509.57	484.10	5.99	ppb
Boron	11-1	484.41	522.73	538.43	515.19	5.39	ppb
Bromine	81-1						cps
Cadmium	111-1	528.63	508.58	521.27	519.50	1.95	ppb
Cadmium	106-1	535.88	536.34	516.66	529.63	2.12	ppb
Cadmium	108-1	522.79	517.34	517.22	519.12	0.61	ppb
Calcium	43-1	72296.90	72023.58	70892.17	71737.55	1.04	ppb
Calcium	44-1	69663.32	69463.59	70769.62	69965.51	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.95	514.82	582.71	537.16	7.34	ppb
Cobalt	59-2	530.41	530.22	562.50	541.04	3.43	ppb
Copper	63-1	5854.70	5604.28	5697.20	5718.73	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	33862.36	33781.49	38127.21	35257.02	7.05	ppb
Iron	56-2	34410.62	34116.24	36764.95	35097.27	4.14	ppb
Iron	57-2	34147.51	34832.98	37536.78	35505.76	5.05	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MS	Instrumnet Name :	P8
Client Sample ID :	211007077-01MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:14:14	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2483.43	2455.36	2629.15	2522.65	3.70	ppb
Lead	207-1	2469.56	2475.61	2632.33	2525.84	3.65	ppb
Lead	208-1	2452.72	2479.58	2594.37	2508.89	3.00	ppb
Lithium	6-1				107		%
Magnesium	24-2	55622.05	54790.69	60538.05	56983.60	5.45	ppb
Manganese	55-2	5800.44	5640.11	6324.17	5921.58	6.04	ppb
Molybdenum	94-1	2343.07	2426.53	2471.50	2413.70	2.70	ppb
Molybdenum	95-1	2327.26	2413.13	2484.80	2408.40	3.28	ppb
Molybdenum	96-1	2381.32	2401.80	2435.37	2406.16	1.13	ppb
Molybdenum	97-1	2361.60	2390.07	2417.86	2389.84	1.18	ppb
Molybdenum	98-1	2337.23	2395.29	2443.26	2391.93	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.14	491.81	539.84	504.60	6.12	ppb
Phosphorus	31-2	36.06	39.96	35.29	37.10	6.76	ppb
Potassium	39-2	30720.67	30549.56	33875.48	31715.24	5.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	491.12	498.34	510.55	500.01	1.96	ppb
Selenium	77-2	520.84	509.29	528.15	519.43	1.83	ppb
Selenium	78-2	502.06	509.26	560.45	523.92	6.08	ppb
Silicon	28-1	4377.18	4370.36	4157.88	4301.81	2.90	ppb
Silver	107-1	290.83	297.25	282.14	290.07	2.61	ppb
Silver	109-1	285.11	289.37	294.11	289.53	1.56	ppb
Sodium	23-2	57716.01	57399.91	62645.19	59253.70	4.96	ppb
Strontium	86-1	5795.49	5954.10	5867.81	5872.47	1.35	ppb
Strontium	88-1	5740.23	5898.87	5835.82	5824.97	1.37	ppb
Sulfur	34-1	8716.87	8426.59	7534.76	8226.07	7.49	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	511.91	500.73	521.30	511.31	2.01	ppb
Thallium	205-1	489.36	488.68	506.96	495.00	2.09	ppb
Tin	118-1	529.47	527.61	520.44	525.84	0.91	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MS	Instrumnet Name :	P8
Client Sample ID :	211007077-01MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:14:14	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2494.32	2481.20	2487.31	2487.61	0.26	ppb
Uranium	238-1	506.24	507.27	492.03	501.85	1.70	ppb
Vanadium	51-2	522.34	525.15	583.42	543.64	6.34	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	5429.25	5429.25	6071.05	5643.19	6.57	ppb
Zirconium	90-1	490.51	501.08	498.87	496.82	1.12	ppb
Zirconium	91-1	489.06	503.01	521.86	504.64	3.26	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MSD	Instrumnet Name :	P8
Client Sample ID :	211007077-01MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:17:10	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10127.20	9824.57	9989.72	9980.50	1.52	ppb
Antimony	121-1	537.92	560.14	559.33	552.46	2.28	ppb
Arsenic	75-2	564.21	554.83	554.44	557.83	0.99	ppb
Barium	135-1	2737.23	2748.11	2735.90	2740.41	0.24	ppb
Barium	137-1	2741.42	2742.48	2648.03	2710.64	2.00	ppb
Beryllium	9-1	547.15	538.65	525.10	536.96	2.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	539.37	550.89	536.66	542.31	1.39	ppb
Boron	11-1	572.82	595.67	592.97	587.16	2.13	ppb
Bromine	81-1						cps
Cadmium	111-1	540.69	540.27	531.94	537.63	0.92	ppb
Cadmium	106-1	543.79	542.79	527.29	537.96	1.72	ppb
Cadmium	108-1	541.50	557.00	535.41	544.64	2.04	ppb
Calcium	43-1	80110.47	77434.03	76634.83	78059.78	2.33	ppb
Calcium	44-1	74034.62	74185.56	74115.80	74111.99	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	548.31	531.05	528.57	535.98	2.01	ppb
Cobalt	59-2	562.50	537.17	554.68	551.45	2.35	ppb
Copper	63-1	5821.89	5879.32	5962.38	5887.86	1.20	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				106		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	54-2	35742.62	34244.79	35167.65	35051.69	2.16	ppb
Iron	56-2	35996.13	34160.33	35217.77	35124.74	2.62	ppb
Iron	57-2	36010.16	34561.40	35535.64	35369.07	2.09	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MSD	Instrumnet Name :	P8
Client Sample ID :	211007077-01MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:17:10	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2629.17	2620.16	2624.66	2624.66	0.17	ppb
Lead	207-1	2678.03	2601.07	2691.01	2656.71	1.83	ppb
Lead	208-1	2680.11	2622.46	2684.57	2662.38	1.30	ppb
Lithium	6-1				103		%
Magnesium	24-2	58950.33	56773.47	57478.90	57734.23	1.92	ppb
Manganese	55-2	5937.23	5734.76	5801.81	5824.60	1.77	ppb
Molybdenum	94-1	2624.19	2506.87	2541.56	2557.54	2.36	ppb
Molybdenum	95-1	2617.78	2570.36	2580.34	2589.49	0.97	ppb
Molybdenum	96-1	2608.42	2518.00	2636.77	2587.73	2.40	ppb
Molybdenum	97-1	2617.22	2471.67	2516.39	2535.09	2.94	ppb
Molybdenum	98-1	2592.97	2521.08	2541.05	2551.70	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.19	508.45	515.28	512.64	0.72	ppb
Phosphorus	31-2	44.69	13.76	38.03	32.16	50.63	ppb
Potassium	39-2	31484.67	32020.84	31705.74	31737.08	0.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	539.61	524.11	534.26	532.66	1.48	ppb
Selenium	77-2	565.39	526.23	506.12	532.58	5.66	ppb
Selenium	78-2	544.76	533.12	532.99	536.96	1.26	ppb
Silicon	28-1	4493.08	4571.70	4407.61	4490.80	1.83	ppb
Silver	107-1	306.57	297.34	299.82	301.24	1.59	ppb
Silver	109-1	309.62	314.40	428.93	350.98	19.25	ppb
Sodium	23-2	60006.34	58629.78	58500.37	59045.50	1.41	ppb
Strontium	86-1	6637.05	6289.52	6396.68	6441.08	2.76	ppb
Strontium	88-1	6776.75	6410.25	6396.11	6527.70	3.31	ppb
Sulfur	34-1	9655.26	9322.47	8591.84	9189.86	5.92	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	520.72	525.58	533.28	526.53	1.20	ppb
Thallium	205-1	508.43	519.77	521.72	516.64	1.39	ppb
Tin	118-1	535.65	561.89	548.26	548.60	2.39	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MSD	Instrumnet Name :	P8
Client Sample ID :	211007077-01MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:17:10	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2527.66	2634.78	2634.31	2598.92	2.37	ppb
Uranium	238-1	534.06	523.70	528.32	528.69	0.98	ppb
Vanadium	51-2	557.07	531.19	543.72	543.99	2.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5643.63	5437.28	5623.83	5568.25	2.04	ppb
Zirconium	90-1	529.04	506.97	510.20	515.41	2.31	ppb
Zirconium	91-1	533.34	521.69	522.10	525.71	1.26	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01A	Instrumnet Name :	P8
Client Sample ID :	211007077-01A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:20:04	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9627.53	9601.21	9582.25	9603.66	0.24	ppb
Antimony	121-1	532.08	541.49	579.46	551.01	4.55	ppb
Arsenic	75-2	525.61	526.16	522.15	524.64	0.41	ppb
Barium	135-1	2700.39	2753.37	2936.53	2796.76	4.43	ppb
Barium	137-1	2754.42	2707.29	2980.61	2814.11	5.19	ppb
Beryllium	9-1	530.91	521.52	578.89	543.77	5.66	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	519.16	530.50	610.05	553.24	8.95	ppb
Boron	11-1	558.13	575.45	653.28	595.62	8.51	ppb
Bromine	81-1						cps
Cadmium	111-1	512.29	515.58	565.91	531.26	5.66	ppb
Cadmium	106-1	508.94	531.38	574.18	538.17	6.16	ppb
Cadmium	108-1	536.09	529.74	573.25	546.36	4.30	ppb
Calcium	43-1	74344.70	73389.06	80683.93	76139.23	5.21	ppb
Calcium	44-1	70779.48	73393.28	78351.85	74174.87	5.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	526.67	520.13	522.63	523.15	0.63	ppb
Cobalt	59-2	534.87	534.26	519.77	529.63	1.61	ppb
Copper	63-1	5855.23	5808.67	6142.79	5935.56	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				109		%
Indium	115-1				96		%
Indium	115-2				106		%
Iron	54-2	34732.12	33692.83	33591.32	34005.42	1.86	ppb
Iron	56-2	34206.08	34231.42	33344.44	33927.32	1.49	ppb
Iron	57-2	34954.39	34623.70	33446.88	34341.65	2.31	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01A	Instrumnet Name :	P8
Client Sample ID :	211007077-01A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:20:04	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2602.42	2647.13	2755.20	2668.25	2.94	ppb
Lead	207-1	2709.89	2597.50	2741.31	2682.90	2.82	ppb
Lead	208-1	2672.29	2638.07	2795.99	2702.12	3.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	55411.26	56074.54	54153.29	55213.03	1.77	ppb
Manganese	55-2	5818.37	5624.68	5590.38	5677.81	2.17	ppb
Molybdenum	94-1	2542.57	2533.99	2769.94	2615.50	5.12	ppb
Molybdenum	95-1	2598.46	2584.59	2854.10	2679.05	5.66	ppb
Molybdenum	96-1	2481.77	2581.09	2830.54	2631.13	6.83	ppb
Molybdenum	97-1	2437.37	2529.85	2734.20	2567.14	5.92	ppb
Molybdenum	98-1	2520.17	2562.35	2762.46	2614.99	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.31	496.65	487.16	492.71	1.00	ppb
Phosphorus	31-2	40.59	54.74	38.58	44.64	19.72	ppb
Potassium	39-2	30829.39	30404.21	30557.10	30596.90	0.70	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	507.09	517.22	559.02	527.78	5.22	ppb
Selenium	77-2	502.45	495.21	497.23	498.30	0.75	ppb
Selenium	78-2	498.07	497.06	491.96	495.70	0.66	ppb
Silicon	28-1	4463.73	4344.15	4715.06	4507.65	4.20	ppb
Silver	107-1	287.88	284.68	313.06	295.21	5.27	ppb
Silver	109-1	301.92	299.36	333.15	311.48	6.04	ppb
Sodium	23-2	56785.92	57145.86	56927.10	56952.96	0.32	ppb
Strontium	86-1	6060.35	6305.92	6725.45	6363.91	5.28	ppb
Strontium	88-1	6062.63	6235.56	6689.30	6329.16	5.11	ppb
Sulfur	34-1	8770.25	7734.32	8935.75	8480.11	7.68	ppb
Terbium	159-1				102		%
Terbium	159-2				109		%
Thallium	203-1	544.25	550.81	560.64	551.90	1.49	ppb
Thallium	205-1	529.84	538.52	545.30	537.89	1.44	ppb
Tin	118-1	509.20	536.14	578.41	541.25	6.45	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01A	Instrumnet Name :	P8
Client Sample ID :	211007077-01A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:20:04	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2547.69	2590.40	2691.55	2609.88	2.83	ppb
Uranium	238-1	525.38	536.94	561.24	541.19	3.38	ppb
Vanadium	51-2	528.36	532.10	525.44	528.63	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				108		%
Zinc	66-2	5385.36	5330.48	5251.78	5322.54	1.26	ppb
Zirconium	90-1	501.65	498.28	554.26	518.06	6.06	ppb
Zirconium	91-1	515.75	520.13	573.20	536.36	5.96	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-01	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:23:38	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99.47	97.84	98.04	98.45	0.90	ppb
Antimony	121-1	0.25	0.26	0.31	0.27	11.05	ppb
Arsenic	75-2	0.23	0.26	0.27	0.26	7.75	ppb
Barium	135-1	38.18	39.18	39.38	38.91	1.65	ppb
Barium	137-1	38.77	39.79	39.91	39.49	1.58	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	11.70	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	96.46	101.20	96.01	97.89	2.94	ppb
Boron	11-1	103.40	107.29	103.87	104.85	2.03	ppb
Bromine	81-1						cps
Cadmium	111-1	0.17	0.15	0.24	0.19	25.14	ppb
Cadmium	106-1	0.60	-0.44	1.16	0.44	185.16	ppb
Cadmium	108-1	0.38	0.65	0.64	0.56	28.00	ppb
Calcium	43-1	29894.43	30927.69	28720.45	29847.52	3.70	ppb
Calcium	44-1	29371.05	29691.17	29935.25	29665.82	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.36	0.33	0.36	8.55	ppb
Cobalt	59-2	0.20	0.17	0.17	0.18	9.99	ppb
Copper	63-1	241.30	252.45	237.35	243.70	3.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	54-2	16.31	15.51	17.16	16.32	5.05	ppb
Iron	56-2	17.71	16.47	18.40	17.53	5.60	ppb
Iron	57-2	37.43	27.98	32.47	32.63	14.49	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-01	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:23:38	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.33	1.46	1.40	1.40	4.87	ppb
Lead	207-1	1.41	1.37	1.41	1.40	1.56	ppb
Lead	208-1	1.35	1.41	1.37	1.38	2.24	ppb
Lithium	6-1				110		%
Magnesium	24-2	10531.72	9865.88	10075.25	10157.62	3.35	ppb
Manganese	55-2	6.41	6.14	6.46	6.34	2.69	ppb
Molybdenum	94-1	1.12	1.13	1.16	1.14	1.92	ppb
Molybdenum	95-1	1.40	1.52	1.50	1.47	4.58	ppb
Molybdenum	96-1	1.34	1.47	1.42	1.41	4.89	ppb
Molybdenum	97-1	1.45	1.52	1.45	1.47	2.85	ppb
Molybdenum	98-1	1.35	1.54	1.47	1.45	6.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.26	28.42	28.02	28.23	0.72	ppb
Phosphorus	31-2	397.37	389.07	344.91	377.12	7.48	ppb
Potassium	39-2	2750.39	2665.45	2663.80	2693.22	1.84	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	0.28	-0.12	0.73	0.30	143.01	ppb
Selenium	77-2	-0.19	0.83	-0.19	0.15	381.60	ppb
Selenium	78-2	0.07	0.16	0.23	0.16	51.05	ppb
Silicon	28-1	3502.80	3726.74	3552.60	3594.05	3.27	ppb
Silver	107-1	0.18	0.19	0.19	0.19	2.44	ppb
Silver	109-1	0.19	0.17	0.20	0.18	8.88	ppb
Sodium	23-2	49487.17	47889.12	47228.96	48201.75	2.41	ppb
Strontium	86-1	135.48	144.57	139.53	139.86	3.25	ppb
Strontium	88-1	140.72	148.55	139.77	143.01	3.37	ppb
Sulfur	34-1	18903.94	20707.94	19761.01	19790.96	4.56	ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.09	0.07	0.11	0.09	25.02	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	7.36	ppb
Tin	118-1	0.06	0.06	0.10	0.07	31.22	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-01	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:23:38	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.72	0.70	0.65	14.80	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	2.05	ppb
Vanadium	51-2	0.35	0.39	0.34	0.36	6.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	1360.94	1338.22	1344.13	1347.76	0.87	ppb
Zirconium	90-1	0.04	0.07	0.06	0.05	24.59	ppb
Zirconium	91-1	0.03	0.08	0.05	0.05	43.67	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-02	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:26:34	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.87	20.77	21.65	21.43	2.71	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	5.38	ppb
Arsenic	75-2	0.21	0.18	0.21	0.20	7.35	ppb
Barium	135-1	38.78	38.53	38.63	38.65	0.33	ppb
Barium	137-1	38.14	38.44	39.63	38.74	2.04	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	22.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				108		%
Boron	10-1	72.43	79.20	80.89	77.51	5.78	ppb
Boron	11-1	80.97	85.21	87.90	84.69	4.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.06	0.21	0.14	53.19	ppb
Cadmium	106-1	1.11	0.47	2.28	1.29	71.29	ppb
Cadmium	108-1	0.05	-0.14	-0.11	-0.07		ppb
Calcium	43-1	28280.67	28456.96	29066.74	28601.45	1.44	ppb
Calcium	44-1	28367.18	28914.97	28635.45	28639.20	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.66	0.68	0.77	0.70	8.23	ppb
Cobalt	59-2	0.09	0.10	0.12	0.10	14.52	ppb
Copper	63-1	172.10	175.24	175.40	174.24	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				107		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				110		%
Iron	54-2	16.44	11.82	14.13	14.13	16.37	ppb
Iron	56-2	14.73	13.27	15.43	14.48	7.61	ppb
Iron	57-2	28.39	27.32	28.59	28.10	2.43	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-02	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:26:34	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.33	0.37	0.37	0.35	6.08	ppb
Lead	207-1	0.39	0.38	0.36	0.38	3.93	ppb
Lead	208-1	0.38	0.37	0.35	0.37	5.15	ppb
Lithium	6-1				108		%
Magnesium	24-2	9740.79	9585.91	9911.48	9746.06	1.67	ppb
Manganese	55-2	5.43	5.09	5.48	5.33	3.92	ppb
Molybdenum	94-1	0.94	1.05	0.97	0.99	5.89	ppb
Molybdenum	95-1	1.37	1.35	1.33	1.35	1.39	ppb
Molybdenum	96-1	1.31	1.23	1.26	1.27	3.07	ppb
Molybdenum	97-1	1.37	1.37	1.37	1.37	0.30	ppb
Molybdenum	98-1	1.35	1.31	1.34	1.33	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	2.03	1.96	1.98	2.39	ppb
Phosphorus	31-2	531.26	523.60	591.07	548.64	6.73	ppb
Potassium	39-2	2640.32	2645.98	2655.90	2647.40	0.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	0.54	0.33	0.12	0.33	64.65	ppb
Selenium	77-2	1.87	-0.19	-0.19	0.50	237.72	ppb
Selenium	78-2	0.19	-0.31	0.54	0.14	310.03	ppb
Silicon	28-1	3602.29	3553.12	3621.46	3592.29	0.98	ppb
Silver	107-1	0.12	0.13	0.17	0.14	17.93	ppb
Silver	109-1	0.12	0.13	0.16	0.14	13.10	ppb
Sodium	23-2	49158.96	48557.87	48990.02	48902.28	0.63	ppb
Strontium	86-1	137.55	134.13	135.31	135.66	1.28	ppb
Strontium	88-1	141.28	140.18	137.21	139.56	1.51	ppb
Sulfur	34-1	19278.88	20460.90	20723.68	20154.49	3.82	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.08	0.08	0.07	33.19	ppb
Thallium	205-1	0.07	0.05	0.07	0.06	20.36	ppb
Tin	118-1	0.08	0.03	0.10	0.07	50.98	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-02	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:26:34	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.50	0.44	0.50	0.48	6.93	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	7.75	ppb
Vanadium	51-2	0.36	0.30	0.31	0.32	10.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	58.67	58.40	57.65	58.24	0.91	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	44.88	ppb
Zirconium	91-1	0.00	0.02	0.05	0.02	98.46	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-03	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:29:34	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52.65	58.90	54.29	55.28	5.86	ppb
Antimony	121-1	0.13	0.13	0.16	0.14	12.06	ppb
Arsenic	75-2	0.20	0.22	0.19	0.20	6.92	ppb
Barium	135-1	38.31	37.54	40.04	38.63	3.30	ppb
Barium	137-1	38.02	38.93	39.17	38.71	1.56	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	19.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	64.58	67.32	69.59	67.16	3.73	ppb
Boron	11-1	70.13	73.24	74.53	72.64	3.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.01	0.12	0.07	80.75	ppb
Cadmium	106-1	0.34	-0.42	1.21	0.38	217.66	ppb
Cadmium	108-1	-0.09	-0.19	-0.04	-0.10		ppb
Calcium	43-1	28189.27	28456.50	28627.81	28424.53	0.78	ppb
Calcium	44-1	28865.84	28643.66	28307.95	28605.82	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.44	0.37	0.39	9.10	ppb
Cobalt	59-2	0.11	0.14	0.12	0.12	12.48	ppb
Copper	63-1	306.89	305.65	308.67	307.07	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	12.23	13.93	15.79	13.98	12.76	ppb
Iron	56-2	12.61	16.72	14.26	14.53	14.22	ppb
Iron	57-2	21.94	31.18	25.22	26.11	17.93	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-03	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:29:34	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.79	1.80	1.84	1.81	1.61	ppb
Lead	207-1	1.59	1.57	1.67	1.61	3.21	ppb
Lead	208-1	1.63	1.67	1.72	1.67	2.53	ppb
Lithium	6-1				110		%
Magnesium	24-2	9936.63	11128.98	10182.99	10416.20	6.04	ppb
Manganese	55-2	6.19	7.07	6.73	6.66	6.70	ppb
Molybdenum	94-1	0.94	0.95	0.98	0.95	2.00	ppb
Molybdenum	95-1	1.35	1.36	1.38	1.36	1.41	ppb
Molybdenum	96-1	1.24	1.27	1.28	1.27	1.86	ppb
Molybdenum	97-1	1.34	1.20	1.26	1.27	5.47	ppb
Molybdenum	98-1	1.34	1.29	1.48	1.37	7.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.74	9.96	8.87	9.19	7.30	ppb
Phosphorus	31-2	471.01	585.26	506.33	520.87	11.23	ppb
Potassium	39-2	2644.87	2953.04	2724.88	2774.27	5.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.04	0.09	-0.02	0.03	163.66	ppb
Selenium	77-2	-0.19	-0.19	1.41	0.35	266.31	ppb
Selenium	78-2	-0.22	1.12	-0.72	0.06	1534.32	ppb
Silicon	28-1	3482.73	3543.51	3598.32	3541.52	1.63	ppb
Silver	107-1	0.12	0.11	0.14	0.12	11.16	ppb
Silver	109-1	0.11	0.09	0.15	0.12	25.68	ppb
Sodium	23-2	47513.07	52365.33	48396.65	49425.02	5.23	ppb
Strontium	86-1	134.45	134.47	139.29	136.07	2.05	ppb
Strontium	88-1	136.77	139.47	141.99	139.41	1.87	ppb
Sulfur	34-1	19724.04	19542.68	19351.85	19539.52	0.95	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.05	0.02	0.03	47.59	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	13.38	ppb
Tin	118-1	0.01	0.05	0.01	0.03	96.56	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-03	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:29:34	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.52	0.47	0.45	18.43	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.32	ppb
Vanadium	51-2	0.31	0.40	0.35	0.35	12.61	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	192.82	211.41	201.25	201.83	4.61	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	42.61	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	116.87	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-04	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:32:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.51	23.51	23.55	23.53	0.11	ppb
Antimony	121-1	0.12	0.22	0.13	0.16	37.90	ppb
Arsenic	75-2	0.23	0.16	0.24	0.21	21.77	ppb
Barium	135-1	38.27	38.99	37.62	38.30	1.79	ppb
Barium	137-1	39.32	39.64	37.23	38.73	3.39	ppb
Beryllium	9-1	0.02	0.10	0.03	0.05	86.57	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	61.43	60.66	65.05	62.38	3.76	ppb
Boron	11-1	65.79	66.37	73.26	68.47	6.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	0.01	0.06	0.07	83.81	ppb
Cadmium	106-1	1.40	-1.36	0.41	0.15	925.73	ppb
Cadmium	108-1	-0.03	0.06	-0.17	-0.05		ppb
Calcium	43-1	27446.47	28937.35	28897.61	28427.14	2.99	ppb
Calcium	44-1	29114.16	28862.36	29467.22	29147.91	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.46	23.95	23.79	23.73	1.05	ppb
Cobalt	59-2	0.23	0.29	0.28	0.27	12.44	ppb
Copper	63-1	215.17	230.30	233.00	226.16	4.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				110		%
Iron	54-2	104.35	104.34	101.78	103.49	1.43	ppb
Iron	56-2	85.07	87.54	84.84	85.82	1.74	ppb
Iron	57-2	94.69	103.21	94.94	97.61	4.97	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-04	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:32:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.47	0.90	0.42	0.60	45.06	ppb
Lead	207-1	0.43	0.97	0.51	0.64	46.09	ppb
Lead	208-1	0.44	0.88	0.45	0.59	43.01	ppb
Lithium	6-1				107		%
Magnesium	24-2	9551.98	9882.69	9765.10	9733.26	1.72	ppb
Manganese	55-2	15.66	15.68	15.85	15.73	0.66	ppb
Molybdenum	94-1	1.52	2.03	1.57	1.71	16.33	ppb
Molybdenum	95-1	2.03	2.76	2.14	2.31	17.01	ppb
Molybdenum	96-1	2.08	2.64	2.05	2.26	14.87	ppb
Molybdenum	97-1	1.92	2.68	2.05	2.22	18.34	ppb
Molybdenum	98-1	2.09	2.63	2.06	2.26	14.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.26	7.49	7.46	7.40	1.72	ppb
Phosphorus	31-2	460.56	554.23	508.23	507.67	9.23	ppb
Potassium	39-2	2573.27	2679.23	2592.81	2615.10	2.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	82-1	0.60	-0.02	-0.06	0.17	213.45	ppb
Selenium	77-2	0.85	-0.19	-0.19	0.16	376.50	ppb
Selenium	78-2	0.02	0.43	-0.14	0.11	278.81	ppb
Silicon	28-1	3512.44	3458.03	3670.70	3547.06	3.11	ppb
Silver	107-1	0.11	0.11	0.13	0.12	9.08	ppb
Silver	109-1	0.10	0.11	0.15	0.12	23.66	ppb
Sodium	23-2	46838.91	48290.60	46497.76	47209.09	2.02	ppb
Strontium	86-1	135.72	134.79	138.21	136.24	1.30	ppb
Strontium	88-1	137.77	138.93	139.84	138.85	0.75	ppb
Sulfur	34-1	19644.45	19724.35	21354.14	20240.98	4.77	ppb
Terbium	159-1				105		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.16	0.03	0.07	95.91	ppb
Thallium	205-1	0.05	0.15	0.04	0.08	75.94	ppb
Tin	118-1	0.62	0.78	0.68	0.69	12.06	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-04	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:32:30	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.55	1.00	0.59	0.71	34.94	ppb
Uranium	238-1	0.03	0.12	0.03	0.06	83.99	ppb
Vanadium	51-2	0.54	0.57	0.50	0.54	6.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	34.44	35.26	34.45	34.71	1.36	ppb
Zirconium	90-1	0.03	0.11	0.02	0.05	103.51	ppb
Zirconium	91-1	0.01	0.11	0.02	0.05	119.02	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-05	Instrumnet Name :	P8
Client Sample ID :	FB-10-11-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:35:29	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.71	6.87	9.38	8.98	21.73	ppb
Antimony	121-1	0.00	0.01	0.02	0.01	135.47	ppb
Arsenic	75-2	0.08	0.03	0.06	0.06	45.75	ppb
Barium	135-1	0.11	0.13	0.14	0.12	13.03	ppb
Barium	137-1	0.09	0.07	0.13	0.09	29.10	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	89.20	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	19.40	19.13	18.87	19.14	1.39	ppb
Boron	11-1	20.98	20.78	19.79	20.51	3.10	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.05	0.10	0.03	289.59	ppb
Cadmium	106-1	0.15	-0.77	1.24	0.21	486.79	ppb
Cadmium	108-1	-0.22	-0.24	-0.15	-0.20		ppb
Calcium	43-1	19.56	17.65	19.41	18.87	5.62	ppb
Calcium	44-1	24.31	20.47	22.76	22.51	8.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.23	0.25	0.23	0.24	4.00	ppb
Cobalt	59-2	0.04	0.01	0.04	0.03	58.20	ppb
Copper	63-1	0.31	0.29	0.34	0.32	7.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	54-2	128.28	9.11	9.82	49.07	139.80	ppb
Iron	56-2	12.39	10.11	11.77	11.42	10.33	ppb
Iron	57-2	11.29	9.30	10.14	10.24	9.75	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-05	Instrumnet Name :	P8
Client Sample ID :	FB-10-11-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:35:29	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.22	0.19	0.21	6.32	ppb
Lead	207-1	0.27	0.22	0.20	0.23	15.20	ppb
Lead	208-1	0.23	0.19	0.20	0.21	8.87	ppb
Lithium	6-1				111		%
Magnesium	24-2	15.53	7.74	10.39	11.22	35.31	ppb
Manganese	55-2	0.59	0.42	0.50	0.51	16.11	ppb
Molybdenum	94-1	0.05	0.02	0.03	0.04	47.99	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	37.03	ppb
Molybdenum	96-1	0.02	0.01	0.07	0.03	96.95	ppb
Molybdenum	97-1	0.03	0.03	0.08	0.05	54.38	ppb
Molybdenum	98-1	0.01	0.01	0.04	0.02	63.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.34	0.47	0.42	15.98	ppb
Phosphorus	31-2	-3.08	-6.63	4.52	-1.73		ppb
Potassium	39-2	12.04	10.48	9.77	10.77	10.78	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	-0.03	0.15	-0.19	-0.03		ppb
Selenium	77-2	-0.19	-0.19	-0.19	-0.19		ppb
Selenium	78-2	-0.04	-0.22	0.35	0.03	986.35	ppb
Silicon	28-1	-0.07	-1.27	-0.66	-0.67		ppb
Silver	107-1	0.35	0.47	0.59	0.47	26.19	ppb
Silver	109-1	0.40	0.46	0.62	0.49	22.45	ppb
Sodium	23-2	32.17	26.98	31.84	30.33	9.58	ppb
Strontium	86-1	0.02	-0.01	0.07	0.03	174.64	ppb
Strontium	88-1	0.17	0.15	0.17	0.16	8.62	ppb
Sulfur	34-1	-1575.13	-1502.81	-1451.97	-1509.97		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.02	-0.01	0.00	0.00	445.85	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	30.95	ppb
Tin	118-1	0.03	0.04	0.03	0.03	19.76	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-05	Instrumnet Name :	P8
Client Sample ID :	FB-10-11-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:35:29	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.07	0.09	0.10	41.88	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.03	0.02	0.04	47.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	3.19	3.28	3.48	3.32	4.54	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	58.10	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	138.37	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:38:30	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48252.93	49094.88	48317.29	48555.03	0.97	ppb
Antimony	121-1	517.10	487.59	501.08	501.92	2.94	ppb
Arsenic	75-2	514.04	506.23	511.70	510.66	0.78	ppb
Barium	135-1	2570.91	2440.47	2538.18	2516.52	2.70	ppb
Barium	137-1	2513.87	2501.03	2469.74	2494.88	0.91	ppb
Beryllium	9-1	502.52	508.62	497.88	503.00	1.07	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	460.59	481.86	495.06	479.17	3.63	ppb
Boron	11-1	500.96	509.96	534.01	514.98	3.32	ppb
Bromine	81-1						cps
Cadmium	111-1	532.88	493.76	499.22	508.62	4.17	ppb
Cadmium	106-1	533.76	489.84	512.79	512.13	4.29	ppb
Cadmium	108-1	529.06	507.20	505.05	513.77	2.59	ppb
Calcium	43-1	243714.76	251007.92	253055.91	249259.53	1.97	ppb
Calcium	44-1	245324.04	242309.47	252747.90	246793.80	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.16	510.71	508.41	504.76	1.66	ppb
Cobalt	59-2	486.76	499.96	497.01	494.58	1.40	ppb
Copper	63-1	5012.14	4891.96	4961.69	4955.26	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				109		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	122040.69	122957.28	127624.94	124207.63	2.41	ppb
Iron	56-2	125472.67	127206.79	125099.97	125926.48	0.89	ppb
Iron	57-2	122474.85	122934.91	126555.23	123988.33	1.80	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:38:30	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2484.82	2551.09	2491.39	2509.10	1.46	ppb
Lead	207-1	2436.33	2542.09	2495.19	2491.20	2.13	ppb
Lead	208-1	2465.51	2514.40	2527.23	2502.38	1.30	ppb
Lithium	6-1				106		%
Magnesium	24-2	253003.09	254771.30	248756.04	252176.81	1.23	ppb
Manganese	55-2	4956.21	5009.43	5039.47	5001.71	0.84	ppb
Molybdenum	94-1	2442.51	2361.60	2489.56	2431.22	2.66	ppb
Molybdenum	95-1	2463.48	2354.64	2521.62	2446.58	3.46	ppb
Molybdenum	96-1	2465.91	2363.21	2465.35	2431.49	2.43	ppb
Molybdenum	97-1	2421.74	2318.02	2441.66	2393.81	2.77	ppb
Molybdenum	98-1	2405.75	2339.40	2529.13	2424.76	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.17	489.13	491.15	487.15	1.08	ppb
Phosphorus	31-2	9775.91	10045.10	10397.55	10072.86	3.09	ppb
Potassium	39-2	121974.73	125344.96	124893.72	124071.14	1.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	499.57	487.00	517.06	501.21	3.01	ppb
Selenium	77-2	514.39	476.30	511.53	500.74	4.24	ppb
Selenium	78-2	522.13	506.77	520.21	516.37	1.62	ppb
Silicon	28-1	509.21	515.87	540.75	521.94	3.18	ppb
Silver	107-1	519.18	471.93	478.50	489.87	5.22	ppb
Silver	109-1	507.33	478.33	497.87	494.51	2.99	ppb
Sodium	23-2	254061.06	258677.35	255700.90	256146.44	0.91	ppb
Strontium	86-1	4866.42	4584.96	5065.54	4838.97	4.99	ppb
Strontium	88-1	4844.46	4652.68	5015.48	4837.54	3.75	ppb
Sulfur	34-1	10296.93	10302.46	10333.70	10311.03	0.19	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	497.31	494.43	494.13	495.29	0.36	ppb
Thallium	205-1	482.23	497.72	498.99	492.98	1.89	ppb
Tin	118-1	527.89	487.49	507.50	507.63	3.98	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:38:30	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2508.88	2494.16	2554.22	2519.09	1.24	ppb
Uranium	238-1	510.71	503.46	529.66	514.61	2.63	ppb
Vanadium	51-2	503.90	510.66	498.96	504.51	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	4715.67	4752.74	4829.35	4765.92	1.22	ppb
Zirconium	90-1	499.17	482.74	493.93	491.95	1.71	ppb
Zirconium	91-1	508.15	483.71	523.77	505.21	4.00	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:45:25	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.65	0.46	0.08	1.73	146.53	ppb
Antimony	121-1	0.03	0.05	0.09	0.06	57.78	ppb
Arsenic	75-2	0.11	0.04	0.00	0.05	102.00	ppb
Barium	135-1	-0.02	-0.02	0.30	0.09	214.85	ppb
Barium	137-1	-0.06	-0.05	0.33	0.07	298.64	ppb
Beryllium	9-1	-0.01	-0.01	0.04	0.01	411.01	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	18.25	18.12	17.75	18.04	1.46	ppb
Boron	11-1	21.07	19.40	19.53	20.00	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.11	-0.08	-0.09		ppb
Cadmium	106-1	-0.84	-1.56	-1.62	-1.34		ppb
Cadmium	108-1	-0.20	-0.17	-0.10	-0.16		ppb
Calcium	43-1	-4.08	-4.09	19.92	3.92	353.72	ppb
Calcium	44-1	-3.12	-4.35	18.45	3.66	350.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.04	-0.02	-0.01		ppb
Cobalt	59-2	0.06	0.00	0.00	0.02	169.65	ppb
Copper	63-1	0.10	0.08	0.67	0.28	119.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	54-2	11.37	0.72	0.76	4.28	143.27	ppb
Iron	56-2	12.57	1.16	0.69	4.80	140.04	ppb
Iron	57-2	11.93	0.63	0.18	4.25	156.87	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:45:25	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.42	0.16	141.59	ppb
Lead	207-1	0.04	0.04	0.31	0.13	119.86	ppb
Lead	208-1	0.02	0.04	0.34	0.13	135.87	ppb
Lithium	6-1				113		%
Magnesium	24-2	20.91	2.60	1.92	8.48	127.11	ppb
Manganese	55-2	0.69	0.06	0.06	0.27	133.76	ppb
Molybdenum	94-1	0.00	-0.02	0.24	0.07	209.13	ppb
Molybdenum	95-1	-0.01	-0.02	0.29	0.09	204.79	ppb
Molybdenum	96-1	-0.04	-0.02	0.26	0.07	250.73	ppb
Molybdenum	97-1	0.00	0.00	0.27	0.09	172.66	ppb
Molybdenum	98-1	-0.01	0.00	0.24	0.08	190.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.00	0.00	0.04	167.23	ppb
Phosphorus	31-2	-7.84	-1.26	16.23	2.38	523.36	ppb
Potassium	39-2	14.75	3.90	8.68	9.11	59.70	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	-0.83	-0.14	0.07	-0.30		ppb
Selenium	77-2	0.34	-0.19	-0.19	-0.01		ppb
Selenium	78-2	0.31	-0.14	0.13	0.10	220.27	ppb
Silicon	28-1	-7.15	-7.81	-7.68	-7.55		ppb
Silver	107-1	0.10	0.12	0.14	0.12	17.97	ppb
Silver	109-1	0.10	0.12	0.15	0.12	17.77	ppb
Sodium	23-2	44.75	22.24	20.77	29.25	45.96	ppb
Strontium	86-1	-0.16	-0.18	0.41	0.02	1464.81	ppb
Strontium	88-1	-0.09	-0.08	0.56	0.13	291.48	ppb
Sulfur	34-1	-1338.57	-1551.36	-1510.75	-1466.89		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.07	0.03	155.70	ppb
Thallium	205-1	0.02	0.03	0.10	0.05	85.10	ppb
Tin	118-1	-0.04	-0.02	0.02	-0.01		ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:45:25	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.09	0.25	0.02	775.20	ppb
Uranium	238-1	-0.01	-0.01	0.05	0.01	540.39	ppb
Vanadium	51-2	0.05	0.00	0.00	0.02	168.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	0.72	0.23	0.10	0.35	93.57	ppb
Zirconium	90-1	-0.01	0.00	0.04	0.01	324.18	ppb
Zirconium	91-1	-0.02	-0.01	0.04	0.00	3383.91	ppb

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 13:58:51	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152	157	140	150	6.01	cps
Antimony	121-1	317	233	192	247	25.75	cps
Arsenic	75-2	8	8	9	8	6.93	cps
Barium	135-1	225	158	42	142	65.50	cps
Barium	137-1	667	283	108	353	80.95	cps
Beryllium	9-1	190	122	76	129	44.34	cps
Bismuth	209-1	4555927	4468895	4482361	4502394	1.04	cps
Bismuth	209-2	2989133	3071606	3141088	3067276	2.48	cps
Boron	10-1	1004	1048	988	1013	3.07	cps
Boron	11-1	4976	4642	4548	4722	4.76	cps
Bromine	81-1	22241	22652	23193	22695	2.10	cps
Cadmium	111-1	3628	3955	3455	3680	6.90	cps
Cadmium	106-1	5084	5610	4926	5207	6.87	cps
Cadmium	108-1	92	67	38	65	41.53	cps
Calcium	43-1	877	586	412	625	37.57	cps
Calcium	44-1	51933	49089	45559	48860	6.54	cps
Carbon	12-1	6289904	6393454	6245694	6309684	1.20	cps
Carbon	12-2	63621	63546	61789	62985	1.65	cps
Chlorine	35-1	3361282	3429432	3385858	3392191	1.02	cps
Chlorine	35-2	24630	24855	25974	25153	2.86	cps
Chromium	52-2	953	1020	903	959	6.10	cps
Cobalt	59-2	90	97	63	83	21.17	cps
Copper	63-1	6982	4961	3080	5008	38.96	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	20	27	37	28	30.20	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	37	43	70	50	35.28	cps
Holmium	165-1	8618499	8077763	7603772	8100011	6.27	cps
Holmium	165-2	4394303	4321858	4627655	4447939	3.59	cps
Indium	115-1	8473638	8277089	7948355	8233027	3.22	cps
Indium	115-2	1373496	1392337	1411841	1392558	1.38	cps
Iron	54-2	761	778	678	739	7.25	cps
Iron	56-2	5662	6157	6079	5966	4.46	cps
Iron	57-2	211	206	272	230	16.11	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 13:58:51	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	930	863	930	7.17	cps
Lead	206-1	1733	1433	1000	1389	26.55	cps
Lead	207-1	1467	1278	850	1198	26.37	cps
Lead	208-1	6856	5712	4184	5584	24.01	cps
Lithium	6-1	3599198	3539529	3594753	3577826	0.93	cps
Magnesium	24-2	442	408	392	414	6.15	cps
Manganese	55-2	90	100	90	93	6.19	cps
Molybdenum	94-1	725	625	275	542	43.62	cps
Molybdenum	95-1	717	358	92	389	80.65	cps
Molybdenum	96-1	758	533	308	533	42.19	cps
Molybdenum	97-1	408	208	42	219	83.66	cps
Molybdenum	98-1	1125	567	192	628	74.82	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	93	173	147	138	29.57	cps
Phosphorus	31-2	125	117	133	125	6.67	cps
Potassium	39-2	22460	22660	21775	22298	2.08	cps
Rhodium	103-1	8296427	8035378	7856723	8062843	2.74	cps
Rhodium	103-2	4093171	4036444	4171566	4100394	1.65	cps
Scandium	45-1	6808252	6645393	6495475	6649707	2.35	cps
Scandium	45-2	221477	227927	226199	225201	1.48	cps
Selenium	82-1	-44	28	98	27	259.81	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	74	77	67	73	7.06	cps
Silicon	28-1	616577	618347	614115	616346	0.34	cps
Silver	107-1	150	83	117	117	28.57	cps
Silver	109-1	100	58	108	89	30.14	cps
Sodium	23-2	22159	22301	22042	22167	0.58	cps
Strontium	86-1	2634	2050	1600	2095	24.74	cps
Strontium	88-1	8496	4618	508	4541	87.97	cps
Sulfur	34-1	505650	502846	501481	503326	0.42	cps
Terbium	159-1	8644998	8604436	8837474	8695636	1.43	cps
Terbium	159-2	4418196	4509822	4369381	4432466	1.61	cps
Thallium	203-1	817	467	458	581	35.23	cps
Thallium	205-1	1625	1167	942	1245	27.99	cps
Tin	118-1	2067	1675	1658	1800	12.84	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 13:58:51	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	575	400	233	403	42.42	cps
Uranium	238-1	692	367	42	367	88.64	cps
Vanadium	51-2	23	7	17	16	53.90	cps
Ytterbium	172-1	17	58	42	39	53.92	cps
Ytterbium	172-2	6	11	6	7	43.24	cps
Ytterbium	176-1	892	850	908	883	3.40	cps
Ytterbium	176-2	3150	3284	3228	3221	2.08	cps
Yttrium	89-1	21106587	21487040	21117969	21237199	1.02	cps
Yttrium	89-2	2458352	2473550	2506992	2479631	1.00	cps
Zinc	66-2	667	550	543	587	11.82	cps
Zirconium	90-1	1375	1033	1017	1142	17.72	cps
Zirconium	91-1	275	183	167	208	28.00	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:05:00	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1936	1950	1837	1908	3.22	cps
Antimony	121-1	17320	17578	16677	17192	2.70	cps
Arsenic	75-2	328	325	333	329	1.23	cps
Barium	135-1	22302	21526	21551	21793	2.02	cps
Barium	137-1	37820	36985	37461	37422	1.12	cps
Beryllium	9-1	2690	2714	2544	2649	3.47	cps
Bismuth	209-1	4493150	4575315	4437545	4502003	1.54	cps
Bismuth	209-2	3142113	3189105	3035770	3122330	2.52	cps
Boron	10-1	7226	7508	7701	7478	3.19	cps
Boron	11-1	34141	35337	36626	35368	3.51	cps
Bromine	81-1	23233	22852	23333	23140	1.10	cps
Cadmium	111-1	6168	6031	5774	5991	3.34	cps
Cadmium	106-1	5826	5710	5184	5574	6.14	cps
Cadmium	108-1	242	267	217	242	10.34	cps
Calcium	43-1	17699	17735	17989	17808	0.89	cps
Calcium	44-1	335264	330255	331436	332319	0.79	cps
Carbon	12-1	6395829	6368489	6375973	6380097	0.22	cps
Carbon	12-2	63270	64994	63931	64065	1.36	cps
Chlorine	35-1	3641718	3648991	3731020	3673910	1.35	cps
Chlorine	35-2	28170	28145	28946	28420	1.60	cps
Chromium	52-2	8062	8269	7839	8057	2.67	cps
Cobalt	59-2	6101	6241	6145	6162	1.16	cps
Copper	63-1	27292	27436	27806	27511	0.96	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	8	58	83	50	76.38	cps
Erbium	164-2	30	27	40	32	21.53	cps
Gadolinium	160-1	8	75	42	42	80.00	cps
Gadolinium	160-2	47	67	40	51	27.15	cps
Holmium	165-1	7901371	7743392	8096213	7913659	2.23	cps
Holmium	165-2	4639459	4562617	4488619	4563565	1.65	cps
Indium	115-1	7981960	7817376	7998158	7932498	1.26	cps
Indium	115-2	1437973	1428575	1421719	1429422	0.57	cps
Iron	54-2	8464	8464	8414	8447	0.34	cps
Iron	56-2	142673	146185	143829	144229	1.24	cps
Iron	57-2	3662	3378	3678	3573	4.72	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:05:00	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	880	853	1007	913	8.97	cps
Lead	206-1	6568	6379	5979	6309	4.77	cps
Lead	207-1	5184	5624	5379	5396	4.08	cps
Lead	208-1	25193	25032	23892	24706	2.87	cps
Lithium	6-1	3572133	3596527	3706391	3625017	1.97	cps
Magnesium	24-2	126664	124825	122462	124650	1.69	cps
Manganese	55-2	1940	1837	1837	1871	3.19	cps
Molybdenum	94-1	21993	21425	22118	21845	1.69	cps
Molybdenum	95-1	27110	26150	27019	26760	1.98	cps
Molybdenum	96-1	30526	29248	28689	29487	3.19	cps
Molybdenum	97-1	16777	15884	17086	16583	3.76	cps
Molybdenum	98-1	42549	41847	42432	42276	0.89	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1920	1867	1997	1928	3.39	cps
Phosphorus	31-2	117	83	108	103	16.88	cps
Potassium	39-2	119248	120107	120635	119997	0.58	cps
Rhodium	103-1	8103464	8017765	8133810	8085013	0.74	cps
Rhodium	103-2	4335077	4193690	4202668	4243812	1.87	cps
Scandium	45-1	6476752	6852798	6622573	6650708	2.85	cps
Scandium	45-2	232892	233773	228633	231766	1.19	cps
Selenium	82-1	992	950	815	919	10.04	cps
Selenium	77-2	20	23	30	24	20.83	cps
Selenium	78-2	221	157	188	189	16.96	cps
Silicon	28-1	708095	709083	709730	708969	0.12	cps
Silver	107-1	11172	11463	12114	11583	4.17	cps
Silver	109-1	11071	10855	11021	10982	1.03	cps
Sodium	23-2	268992	265860	265674	266842	0.70	cps
Strontium	86-1	5601	5234	5343	5393	3.49	cps
Strontium	88-1	35137	34301	32096	33845	4.64	cps
Sulfur	34-1	512006	510943	506803	509917	0.54	cps
Terbium	159-1	8840665	8812542	8667120	8773442	1.06	cps
Terbium	159-2	4765795	4587488	4554367	4635883	2.45	cps
Thallium	203-1	7144	6560	6744	6816	4.38	cps
Thallium	205-1	15969	15677	15551	15732	1.36	cps
Tin	118-1	39174	38664	39148	38995	0.74	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:05:00	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9445	8753	9145	9114	3.81	cps
Uranium	238-1	17429	17446	18147	17674	2.32	cps
Vanadium	51-2	13830	13813	13790	13811	0.15	cps
Ytterbium	172-1	33	8	17	19	65.47	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	1033	942	1017	997	4.90	cps
Ytterbium	176-2	3362	3439	3273	3358	2.48	cps
Yttrium	89-1	21360331	21535213	21161981	21352508	0.87	cps
Yttrium	89-2	2583399	2576741	2469122	2543087	2.52	cps
Zinc	66-2	1590	1543	1650	1595	3.35	cps
Zirconium	90-1	19481	19456	18513	19150	2.88	cps
Zirconium	91-1	4034	4101	4017	4051	1.09	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:08:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86681	84481	84043	85068	1.66	cps
Antimony	121-1	442835	428302	431899	434345	1.74	cps
Arsenic	75-2	15958	15955	15893	15935	0.23	cps
Barium	135-1	557121	527954	539833	541636	2.71	cps
Barium	137-1	955264	908646	923836	929249	2.56	cps
Beryllium	9-1	135058	130973	134472	133501	1.65	cps
Bismuth	209-1	4510153	4604593	4443233	4519326	1.79	cps
Bismuth	209-2	3225296	3172903	3144262	3180820	1.29	cps
Boron	10-1	13806	14400	14456	14221	2.53	cps
Boron	11-1	65108	67873	69998	67660	3.62	cps
Bromine	81-1	22642	23143	24006	23264	2.96	cps
Cadmium	111-1	122114	118855	123090	121353	1.83	cps
Cadmium	106-1	18396	18296	17270	17987	3.47	cps
Cadmium	108-1	8940	8757	8661	8786	1.62	cps
Calcium	43-1	187405	182949	186285	185547	1.25	cps
Calcium	44-1	3126182	3075245	3123080	3108169	0.92	cps
Carbon	12-1	6759179	6934953	6736899	6810344	1.59	cps
Carbon	12-2	72253	69866	69892	70670	1.94	cps
Chlorine	35-1	3487782	3409127	3348352	3415087	2.05	cps
Chlorine	35-2	24763	24605	24580	24649	0.40	cps
Chromium	52-2	176086	177234	171755	175025	1.65	cps
Cobalt	59-2	313481	311283	305850	310204	1.27	cps
Copper	63-1	7116162	6965318	6845951	6975810	1.94	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	100	50	58	69	38.58	cps
Erbium	164-2	17	10	40	22	70.88	cps
Gadolinium	160-1	117	75	58	83	36.06	cps
Gadolinium	160-2	43	63	53	53	18.75	cps
Holmium	165-1	7995193	8564886	8205066	8255048	3.49	cps
Holmium	165-2	4592836	4705809	4652518	4650388	1.22	cps
Indium	115-1	8289064	8788980	8186277	8421440	3.83	cps
Indium	115-2	1452813	1454039	1426272	1444375	1.09	cps
Iron	54-2	385319	382032	374042	380464	1.52	cps
Iron	56-2	7192663	7226636	7003955	7141084	1.68	cps
Iron	57-2	172351	175389	168180	171973	2.10	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:08:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	857	983	917	6.94	cps
Lead	206-1	1302070	1271236	1266467	1279924	1.51	cps
Lead	207-1	1106934	1098769	1117853	1107852	0.86	cps
Lead	208-1	5286135	5222107	5241431	5249891	0.63	cps
Lithium	6-1	3605207	3778277	3674694	3686060	2.36	cps
Magnesium	24-2	1342153	1350596	1304714	1332488	1.83	cps
Manganese	55-2	874060	873731	866930	871573	0.46	cps
Molybdenum	94-1	1116767	1092244	1088471	1099161	1.40	cps
Molybdenum	95-1	1309465	1311859	1356828	1326051	2.01	cps
Molybdenum	96-1	1490366	1517922	1569071	1525786	2.62	cps
Molybdenum	97-1	818828	816490	837454	824258	1.39	cps
Molybdenum	98-1	2164283	2092078	2129683	2128681	1.70	cps
Neodymium	150-1	40	7	13	20	88.19	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	86900	83453	84210	84854	2.14	cps
Phosphorus	31-2	4651	4826	4884	4787	2.54	cps
Potassium	39-2	535334	535284	528390	533003	0.75	cps
Rhodium	103-1	8204721	8437101	8179064	8273628	1.72	cps
Rhodium	103-2	4347137	4297586	4347224	4330649	0.66	cps
Scandium	45-1	6617843	6664088	6731188	6671040	0.85	cps
Scandium	45-2	240061	235290	233340	236230	1.46	cps
Selenium	82-1	9679	9446	9452	9526	1.39	cps
Selenium	77-2	297	363	317	326	10.51	cps
Selenium	78-2	1244	1119	1160	1175	5.43	cps
Silicon	28-1	1072342	1091721	1101055	1088373	1.35	cps
Silver	107-1	616773	606407	603156	608779	1.17	cps
Silver	109-1	583149	574741	581710	579867	0.78	cps
Sodium	23-2	2541655	2516810	2507443	2521969	0.70	cps
Strontium	86-1	1851225	1829361	1872207	1850931	1.16	cps
Strontium	88-1	15700439	15511982	15327665	15513362	1.20	cps
Sulfur	34-1	575849	563196	554774	564606	1.88	cps
Terbium	159-1	8815914	9072398	8703475	8863929	2.13	cps
Terbium	159-2	4606412	4676997	4592652	4625354	0.98	cps
Thallium	203-1	319617	312592	316625	316278	1.11	cps
Thallium	205-1	765036	756363	749366	756922	1.04	cps
Tin	118-1	390794	388564	386594	388651	0.54	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:08:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	462759	452818	456231	457270	1.10	cps
Uranium	238-1	904456	893794	886596	894949	1.00	cps
Vanadium	51-2	138944	137641	137688	138091	0.54	cps
Ytterbium	172-1	8	25	50	28	75.51	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	2234	2334	2225	2264	2.66	cps
Ytterbium	176-2	4017	4273	3739	4010	6.65	cps
Yttrium	89-1	21666476	22092586	21498223	21752428	1.41	cps
Yttrium	89-2	2668895	2627912	2558230	2618345	2.14	cps
Zinc	66-2	266754	270442	262085	266427	1.57	cps
Zirconium	90-1	968458	964593	951351	961467	0.93	cps
Zirconium	91-1	219649	209799	211243	213564	2.49	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:11:09 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	211575	210592	211005	211057	0.23	cps
Antimony	121-1	1111189	1122586	1125401	1119726	0.67	cps
Arsenic	75-2	39773	39650	39585	39669	0.24	cps
Barium	135-1	1399956	1378151	1442002	1406703	2.31	cps
Barium	137-1	2450861	2446803	2470209	2455958	0.51	cps
Beryllium	9-1	342503	340427	343552	342161	0.46	cps
Bismuth	209-1	4654979	4714062	4682810	4683951	0.63	cps
Bismuth	209-2	3203771	3152482	3214040	3190098	1.03	cps
Boron	10-1	33181	36863	36440	35494	5.68	cps
Boron	11-1	154245	171463	172241	165983	6.13	cps
Bromine	81-1	22632	22532	22702	22622	0.38	cps
Cadmium	111-1	302354	307641	309651	306548	1.23	cps
Cadmium	106-1	37460	39265	38070	38265	2.40	cps
Cadmium	108-1	22523	22631	22327	22494	0.69	cps
Calcium	43-1	481422	484328	481389	482380	0.35	cps
Calcium	44-1	7985988	8051239	7976497	8004574	0.51	cps
Carbon	12-1	6916398	7089251	7108400	7038016	1.50	cps
Carbon	12-2	72303	72429	72311	72348	0.10	cps
Chlorine	35-1	3144955	3083347	3078781	3102361	1.19	cps
Chlorine	35-2	21934	21650	21942	21842	0.76	cps
Chromium	52-2	435641	430542	431435	432539	0.63	cps
Cobalt	59-2	776800	772139	774907	774615	0.30	cps
Copper	63-1	17315780	17184357	17523221	17341119	0.99	cps
Dysprosium	156-1	83	75	42	67	33.07	cps
Dysprosium	156-2	43	20	30	31	37.62	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	30	27	47	34	31.11	cps
Gadolinium	160-1	117	58	133	103	38.32	cps
Gadolinium	160-2	67	70	60	66	7.77	cps
Holmium	165-1	8599669	8508669	8571127	8559822	0.54	cps
Holmium	165-2	4715358	4709189	4701523	4708690	0.15	cps
Indium	115-1	8219221	8735507	8533525	8496084	3.06	cps
Indium	115-2	1467865	1457327	1451054	1458749	0.58	cps
Iron	54-2	977332	965497	938170	960333	2.09	cps
Iron	56-2	17811448	17745804	17515141	17690798	0.88	cps
Iron	57-2	431013	423198	428260	427490	0.93	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:11:09	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	840	990	967	12.08	cps
Lead	206-1	3595026	3441539	3631808	3556124	2.84	cps
Lead	207-1	3084128	3037994	3131775	3084632	1.52	cps
Lead	208-1	14187230	13884721	14212215	14094722	1.29	cps
Lithium	6-1	3631813	3833439	3779853	3748368	2.79	cps
Magnesium	24-2	3232695	3220144	3172725	3208521	0.99	cps
Manganese	55-2	2283363	2271798	2214275	2256479	1.64	cps
Molybdenum	94-1	2872114	2860755	2898287	2877052	0.67	cps
Molybdenum	95-1	3413596	3459317	3559863	3477592	2.15	cps
Molybdenum	96-1	3910108	3944566	3937794	3930823	0.46	cps
Molybdenum	97-1	2185296	2168603	2160842	2171580	0.58	cps
Molybdenum	98-1	5425237	5489515	5542146	5485633	1.07	cps
Neodymium	150-1	60	53	93	69	31.12	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	209186	209714	208372	209091	0.32	cps
Phosphorus	31-2	12097	11797	12080	11991	1.41	cps
Potassium	39-2	1307761	1314172	1305192	1309042	0.35	cps
Rhodium	103-1	8179304	8269469	8215384	8221386	0.55	cps
Rhodium	103-2	4299669	4214150	4241490	4251770	1.03	cps
Scandium	45-1	6921484	6917344	6994479	6944436	0.62	cps
Scandium	45-2	234398	236323	233705	234808	0.58	cps
Selenium	82-1	23909	24236	24118	24088	0.69	cps
Selenium	77-2	837	837	870	848	2.27	cps
Selenium	78-2	2746	2862	2788	2798	2.10	cps
Silicon	28-1	1700068	1746613	1788674	1745118	2.54	cps
Silver	107-1	1635126	1624609	1623192	1627642	0.40	cps
Silver	109-1	1479133	1544755	1500846	1508245	2.22	cps
Sodium	23-2	6099800	6162043	6211791	6157878	0.91	cps
Strontium	86-1	4608325	4689696	4660844	4652955	0.89	cps
Strontium	88-1	39657012	38992439	39929370	39526274	1.22	cps
Sulfur	34-1	659512	666568	668254	664778	0.70	cps
Terbium	159-1	8835624	9190441	9324857	9116974	2.77	cps
Terbium	159-2	4694552	4693932	4685136	4691207	0.11	cps
Thallium	203-1	807417	837135	832448	825667	1.94	cps
Thallium	205-1	2035280	1990720	1999018	2008339	1.18	cps
Tin	118-1	1005236	998439	1005759	1003145	0.41	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:11:09	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1164602	1147211	1184357	1165390	1.59	cps
Uranium	238-1	2500725	2474872	2468496	2481365	0.69	cps
Vanadium	51-2	349413	344912	345029	346451	0.74	cps
Ytterbium	172-1	50	33	25	36	35.25	cps
Ytterbium	172-2	17	6	17	13	49.47	cps
Ytterbium	176-1	4626	4884	4659	4723	2.98	cps
Ytterbium	176-2	5551	5640	5696	5629	1.30	cps
Yttrium	89-1	21892311	21904399	22706585	22167765	2.11	cps
Yttrium	89-2	2622834	2583100	2672274	2626069	1.70	cps
Zinc	66-2	664803	647926	651677	654802	1.35	cps
Zirconium	90-1	2547967	2530863	2558673	2545834	0.55	cps
Zirconium	91-1	547386	550079	545011	547492	0.46	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:14:14 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	406061	406051	399839	403984	0.89	cps
Antimony	121-1	2206653	2224856	2295708	2242406	2.10	cps
Arsenic	75-2	77337	76897	76543	76926	0.52	cps
Barium	135-1	2823748	2793045	2837625	2818139	0.81	cps
Barium	137-1	4766113	4728729	4759955	4751599	0.42	cps
Beryllium	9-1	664102	648317	663910	658776	1.38	cps
Bismuth	209-1	4548031	4680074	4680582	4636229	1.65	cps
Bismuth	209-2	3048957	3112941	3105687	3089195	1.13	cps
Boron	10-1	65058	68017	70836	67970	4.25	cps
Boron	11-1	308921	322434	338770	323375	4.62	cps
Bromine	81-1	23073	22782	22040	22632	2.35	cps
Cadmium	111-1	583371	594065	591390	589609	0.94	cps
Cadmium	106-1	68588	68119	71888	69532	2.95	cps
Cadmium	108-1	42361	43209	43184	42918	1.12	cps
Calcium	43-1	930452	920266	930325	927014	0.63	cps
Calcium	44-1	15446806	15131930	14744060	15107599	2.33	cps
Carbon	12-1	6973045	7026886	7100631	7033521	0.91	cps
Carbon	12-2	73467	72973	71357	72599	1.52	cps
Chlorine	35-1	2744843	2650963	2673859	2689888	1.82	cps
Chlorine	35-2	18295	17327	18596	18073	3.67	cps
Chromium	52-2	834767	842460	830983	836070	0.70	cps
Cobalt	59-2	1591087	1504865	1491547	1529166	3.53	cps
Copper	63-1	33787474	33397776	32505923	33230391	1.98	cps
Dysprosium	156-1	117	133	125	125	6.67	cps
Dysprosium	156-2	30	40	40	37	15.75	cps
Erbium	164-1	75	58	58	64	15.06	cps
Erbium	164-2	37	37	60	44	30.31	cps
Gadolinium	160-1	158	250	142	183	31.82	cps
Gadolinium	160-2	130	100	107	112	14.04	cps
Holmium	165-1	8359391	8339729	8115657	8271593	1.64	cps
Holmium	165-2	4638221	4641620	4849111	4709651	2.56	cps
Indium	115-1	7951679	8373062	8207680	8177474	2.60	cps
Indium	115-2	1405496	1395930	1403451	1401626	0.36	cps
Iron	54-2	1914175	1965767	1872331	1917424	2.44	cps
Iron	56-2	33530301	33929075	33281935	33580437	0.97	cps
Iron	57-2	826657	820343	810861	819287	0.97	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:14:14	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	867	997	953	939	7.05	cps
Lead	206-1	6752820	6918369	7074321	6915170	2.32	cps
Lead	207-1	5759143	5895698	6168139	5940993	3.50	cps
Lead	208-1	26439451	27050042	28383559	27291017	3.64	cps
Lithium	6-1	3726726	3638417	3597247	3654130	1.81	cps
Magnesium	24-2	6321928	6257214	6163756	6247633	1.27	cps
Manganese	55-2	4313551	4285903	4212218	4270557	1.23	cps
Molybdenum	94-1	5537786	5362074	5562605	5487488	1.99	cps
Molybdenum	95-1	6825902	6731429	6685788	6747706	1.06	cps
Molybdenum	96-1	7469627	7438247	7466970	7458281	0.23	cps
Molybdenum	97-1	4125449	4018627	3963823	4035966	2.04	cps
Molybdenum	98-1	10682250	10482984	10432205	10532479	1.25	cps
Neodymium	150-1	133	113	113	120	9.62	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	402183	405719	397903	401935	0.97	cps
Phosphorus	31-2	23478	22126	22443	22682	3.12	cps
Potassium	39-2	2538547	2529522	2455305	2507791	1.82	cps
Rhodium	103-1	8286842	8020213	7969790	8092282	2.11	cps
Rhodium	103-2	4081602	4028533	4118095	4076077	1.10	cps
Scandium	45-1	6792688	6719651	6562111	6691483	1.76	cps
Scandium	45-2	226302	227637	224562	226167	0.68	cps
Selenium	82-1	46345	46137	46871	46451	0.81	cps
Selenium	77-2	1627	1623	1600	1617	0.90	cps
Selenium	78-2	5393	5413	5171	5326	2.51	cps
Silicon	28-1	2725681	2824912	2859303	2803298	2.48	cps
Silver	107-1	3011697	3000428	3082855	3031660	1.47	cps
Silver	109-1	2926985	2834541	2828551	2863359	1.93	cps
Sodium	23-2	12336068	12208373	11780641	12108361	2.40	cps
Strontium	86-1	9029552	8764862	8780825	8858413	1.68	cps
Strontium	88-1	77361720	76722818	76016656	76700398	0.88	cps
Sulfur	34-1	820041	814569	825663	820091	0.68	cps
Terbium	159-1	8942987	9262318	9285020	9163441	2.09	cps
Terbium	159-2	4649351	4874574	4629259	4717728	2.89	cps
Thallium	203-1	1682312	1670084	1722162	1691520	1.61	cps
Thallium	205-1	3875412	3942680	3997207	3938433	1.55	cps
Tin	118-1	1982188	1967680	1995427	1981765	0.70	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:14:14	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2279179	2259367	2211385	2249977	1.55	cps
Uranium	238-1	4768361	4713605	4895887	4792617	1.95	cps
Vanadium	51-2	669610	663977	653787	662458	1.21	cps
Ytterbium	172-1	33	42	33	36	13.33	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	8044	8094	8086	8075	0.33	cps
Ytterbium	176-2	7285	7313	7213	7271	0.71	cps
Yttrium	89-1	22338601	21308129	21126538	21591089	3.03	cps
Yttrium	89-2	2509356	2482905	2501333	2497865	0.54	cps
Zinc	66-2	1278695	1267283	1262045	1269341	0.67	cps
Zirconium	90-1	4945146	4748713	4840507	4844789	2.03	cps
Zirconium	91-1	1045819	1043439	1072232	1053830	1.52	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:17:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	787734	781518	777886	782379	0.64	cps
Antimony	121-1	4434885	4392533	4494126	4440515	1.15	cps
Arsenic	75-2	149791	149167	149124	149361	0.25	cps
Barium	135-1	5604346	5633707	5573503	5603852	0.54	cps
Barium	137-1	9460974	9435801	9265327	9387367	1.13	cps
Beryllium	9-1	1333389	1334143	1323788	1330440	0.43	cps
Bismuth	209-1	4699893	4702844	4612470	4671735	1.10	cps
Bismuth	209-2	3111482	3115424	3123447	3116784	0.20	cps
Boron	10-1	127887	139509	139877	135757	5.02	cps
Boron	11-1	612915	650938	670311	644721	4.53	cps
Bromine	81-1	22792	23835	21619	22749	4.87	cps
Cadmium	111-1	1152785	1159253	1167350	1159796	0.63	cps
Cadmium	106-1	129355	131913	128723	129997	1.30	cps
Cadmium	108-1	86322	86327	85861	86170	0.31	cps
Calcium	43-1	1901650	1938689	1943752	1928030	1.19	cps
Calcium	44-1	29698781	30317547	30487029	30167785	1.38	cps
Carbon	12-1	7253198	7384168	7474865	7370744	1.51	cps
Carbon	12-2	76072	77321	76542	76645	0.82	cps
Chlorine	35-1	2142091	2090193	2073249	2101845	1.71	cps
Chlorine	35-2	13573	13223	12514	13103	4.12	cps
Chromium	52-2	1657176	1672316	1642384	1657292	0.90	cps
Cobalt	59-2	2959727	2959364	2915276	2944789	0.87	cps
Copper	63-1	65107013	65473991	64688612	65089872	0.60	cps
Dysprosium	156-1	175	258	225	219	19.11	cps
Dysprosium	156-2	77	87	137	100	32.14	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	17	50	63	43	55.46	cps
Gadolinium	160-1	225	200	242	222	9.44	cps
Gadolinium	160-2	143	127	150	140	8.58	cps
Holmium	165-1	8497943	8644147	8681661	8607917	1.13	cps
Holmium	165-2	4659796	4537403	4597417	4598205	1.33	cps
Indium	115-1	8082101	8172080	8337771	8197317	1.58	cps
Indium	115-2	1374242	1363878	1357357	1365159	0.62	cps
Iron	54-2	3614520	3712631	3612631	3646594	1.57	cps
Iron	56-2	66312111	67032247	65265331	66203230	1.34	cps
Iron	57-2	1647120	1668597	1618778	1644832	1.52	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:17:18	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	817	863	876	7.52	cps
Lead	206-1	13731639	14066155	13809157	13868984	1.26	cps
Lead	207-1	11900245	11876903	11765224	11847457	0.61	cps
Lead	208-1	55341386	55340905	53719647	54800646	1.71	cps
Lithium	6-1	3674225	3572436	3629455	3625372	1.41	cps
Magnesium	24-2	12032017	12044794	11870519	11982443	0.81	cps
Manganese	55-2	8271851	8291031	8088870	8217250	1.36	cps
Molybdenum	94-1	10943876	11095755	10788666	10942766	1.40	cps
Molybdenum	95-1	13514912	13383869	13200449	13366410	1.18	cps
Molybdenum	96-1	15076551	14999033	14842927	14972837	0.79	cps
Molybdenum	97-1	8507758	8243663	8139786	8297069	2.29	cps
Molybdenum	98-1	21531359	21569274	20740759	21280464	2.20	cps
Neodymium	150-1	320	280	240	280	14.29	cps
Neodymium	150-2	10	20	40	23	65.47	cps
Nickel	60-2	769736	766721	770163	768874	0.24	cps
Phosphorus	31-2	45246	44561	43918	44575	1.49	cps
Potassium	39-2	4670833	4711872	4641430	4674711	0.76	cps
Rhodium	103-1	8081984	8149488	7961026	8064166	1.18	cps
Rhodium	103-2	4082739	3963703	4048731	4031724	1.52	cps
Scandium	45-1	6541410	6719960	6790807	6684059	1.92	cps
Scandium	45-2	221635	221989	222153	221925	0.12	cps
Selenium	82-1	91330	92553	91394	91759	0.75	cps
Selenium	77-2	3014	2800	2874	2896	3.74	cps
Selenium	78-2	10147	10036	10094	10092	0.55	cps
Silicon	28-1	4874130	5089039	5445439	5136203	5.62	cps
Silver	107-1	6175827	6140365	6189201	6168464	0.41	cps
Silver	109-1	5803238	5802306	5467317	5690954	3.40	cps
Sodium	23-2	22708101	23290844	22755401	22918115	1.41	cps
Strontium	86-1	17811882	17788362	17601821	17734022	0.65	cps
Strontium	88-1	154998270	151718587	149254895	151990584	1.90	cps
Sulfur	34-1	995471	992879	984821	991057	0.56	cps
Terbium	159-1	9031564	9075626	9231039	9112743	1.15	cps
Terbium	159-2	4644387	4677107	4656413	4659302	0.36	cps
Thallium	203-1	3332252	3450677	3511449	3431459	2.66	cps
Thallium	205-1	7873654	8092968	8070341	8012321	1.51	cps
Tin	118-1	3905772	3896683	3962663	3921706	0.91	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:17:18	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4462681	4499954	4462929	4475188	0.48	cps
Uranium	238-1	9702877	9598006	9631922	9644268	0.55	cps
Vanadium	51-2	1348828	1299635	1306662	1318375	2.02	cps
Ytterbium	172-1	33	50	17	33	50.00	cps
Ytterbium	172-2	0	6	17	7	114.54	cps
Ytterbium	176-1	14851	14750	15268	14956	1.83	cps
Ytterbium	176-2	11072	11210	11605	11296	2.45	cps
Yttrium	89-1	21157047	22114741	21471563	21581117	2.26	cps
Yttrium	89-2	2494458	2500450	2490745	2495218	0.20	cps
Zinc	66-2	2517991	2506037	2511402	2511810	0.24	cps
Zirconium	90-1	9303560	9690153	9582379	9525364	2.09	cps
Zirconium	91-1	2109376	2148537	2106989	2121634	1.10	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:29:44 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1690984	1685241	1719092	1698439	1.07	cps
Antimony	121-1	9138429	8913838	9057172	9036479	1.26	cps
Arsenic	75-2	307313	310765	309199	309092	0.56	cps
Barium	135-1	11403801	11533038	11549598	11495479	0.69	cps
Barium	137-1	19073198	19876046	19365200	19438148	2.09	cps
Beryllium	9-1	2614195	2642784	2710658	2655879	1.87	cps
Bismuth	209-1	4632835	4680055	4632854	4648581	0.59	cps
Bismuth	209-2	3198153	3272110	3238029	3236097	1.14	cps
Boron	10-1	287532	293626	304083	295080	2.84	cps
Boron	11-1	1222599	1303731	1326606	1284312	4.26	cps
Bromine	81-1	22000	22932	23043	22658	2.53	cps
Cadmium	111-1	2374471	2367662	2418265	2386799	1.15	cps
Cadmium	106-1	256318	262186	264033	260845	1.54	cps
Cadmium	108-1	175179	174323	172565	174022	0.77	cps
Calcium	43-1	3881429	4006081	3873677	3920396	1.90	cps
Calcium	44-1	63125728	62871239	62178420	62725129	0.78	cps
Carbon	12-1	7744614	8260100	8140322	8048345	3.35	cps
Carbon	12-2	87418	87193	87385	87332	0.14	cps
Chlorine	35-1	1616532	1573125	1593473	1594377	1.36	cps
Chlorine	35-2	10262	10396	9487	10048	4.88	cps
Chromium	52-2	3513568	3429648	3496053	3479757	1.27	cps
Cobalt	59-2	5997322	6001700	6055285	6018102	0.54	cps
Copper	63-1	132004376	129350036	128483079	129945830	1.41	cps
Dysprosium	156-1	383	383	292	353	15.00	cps
Dysprosium	156-2	233	233	197	221	9.57	cps
Erbium	164-1	83	158	217	153	43.75	cps
Erbium	164-2	43	53	67	54	21.51	cps
Gadolinium	160-1	433	258	425	372	26.52	cps
Gadolinium	160-2	203	220	210	211	3.97	cps
Holmium	165-1	8613307	8500168	8746831	8620102	1.43	cps
Holmium	165-2	4738226	4927893	4789651	4818590	2.04	cps
Indium	115-1	8229220	8095374	8209424	8178006	0.88	cps
Indium	115-2	1400348	1445729	1474454	1440177	2.59	cps
Iron	54-2	7571411	7584057	7425678	7527049	1.17	cps
Iron	56-2	136134592	139893809	137257845	137762082	1.40	cps
Iron	57-2	3498053	3388429	3423832	3436771	1.63	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:29:44	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	917	947	952	4.06	cps
Lead	206-1	28033569	27963462	28283531	28093521	0.60	cps
Lead	207-1	23866450	24447485	24741401	24351778	1.83	cps
Lead	208-1	108708892	112100713	112648503	111152702	1.92	cps
Lithium	6-1	3585874	3611666	3596965	3598168	0.36	cps
Magnesium	24-2	24979528	25288353	25474439	25247440	0.99	cps
Manganese	55-2	17038014	17365996	17240459	17214823	0.96	cps
Molybdenum	94-1	23048165	22559931	22407478	22671858	1.48	cps
Molybdenum	95-1	27300997	27537131	27267616	27368582	0.54	cps
Molybdenum	96-1	31050433	30757516	31118393	30975448	0.62	cps
Molybdenum	97-1	17326668	16791628	17101515	17073270	1.57	cps
Molybdenum	98-1	43042415	43482288	43991638	43505447	1.09	cps
Neodymium	150-1	480	467	487	478	2.13	cps
Neodymium	150-2	37	33	27	32	15.80	cps
Nickel	60-2	1691225	1697347	1709573	1699382	0.55	cps
Phosphorus	31-2	91120	91915	93754	92263	1.46	cps
Potassium	39-2	9805398	9848991	9826967	9827119	0.22	cps
Rhodium	103-1	8078732	7945965	8069335	8031344	0.92	cps
Rhodium	103-2	4060581	4146467	4122908	4109985	1.08	cps
Scandium	45-1	7034043	6832813	6874482	6913779	1.54	cps
Scandium	45-2	231995	236205	235498	234566	0.96	cps
Selenium	82-1	183327	183951	185208	184162	0.52	cps
Selenium	77-2	5961	6528	6091	6194	4.80	cps
Selenium	78-2	20888	20651	21240	20926	1.42	cps
Silicon	28-1	8282344	8752835	8929347	8654842	3.86	cps
Silver	107-1	12440579	12467760	12262297	12390212	0.90	cps
Silver	109-1	11380252	11493068	11639616	11504312	1.13	cps
Sodium	23-2	48345671	47504483	48496103	48115419	1.11	cps
Strontium	86-1	36718673	36860873	37331405	36970317	0.87	cps
Strontium	88-1	316711565	315823665	313021615	315185615	0.61	cps
Sulfur	34-1	1495419	1503700	1496417	1498512	0.30	cps
Terbium	159-1	9682103	9305944	9352255	9446767	2.17	cps
Terbium	159-2	4826234	4805211	4965854	4865766	1.79	cps
Thallium	203-1	7041685	7011001	6948939	7000542	0.67	cps
Thallium	205-1	16468017	16630371	16212606	16436998	1.28	cps
Tin	118-1	8030755	7748814	8063999	7947856	2.18	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:29:44	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9336827	8961892	9037853	9112191	2.18	cps
Uranium	238-1	19428259	19853453	19795573	19692428	1.17	cps
Vanadium	51-2	2802710	2812310	2748478	2787832	1.23	cps
Ytterbium	172-1	83	58	75	72	17.63	cps
Ytterbium	172-2	33	11	22	22	50.00	cps
Ytterbium	176-1	29642	30619	29484	29915	2.06	cps
Ytterbium	176-2	20221	20767	21329	20772	2.67	cps
Yttrium	89-1	21551019	21530098	22114937	21732018	1.53	cps
Yttrium	89-2	2591456	2588127	2605339	2594974	0.35	cps
Zinc	66-2	5073187	5069858	5006711	5049918	0.74	cps
Zirconium	90-1	19857536	19017548	19654215	19509766	2.25	cps
Zirconium	91-1	4346546	4327053	4286619	4320073	0.71	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:32:50	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8644104	8763033	8735234	8714124	0.71	cps
Antimony	121-1	7219	6652	7269	7046	4.86	cps
Arsenic	75-2	142	115	141	133	11.54	cps
Barium	135-1	5843	5668	4909	5473	9.07	cps
Barium	137-1	9837	9320	8845	9334	5.32	cps
Beryllium	9-1	822	790	766	793	3.54	cps
Bismuth	209-1	4281990	4248588	4184560	4238379	1.17	cps
Bismuth	209-2	2860024	2866903	2882022	2869650	0.39	cps
Boron	10-1	39002	36187	33265	36151	7.94	cps
Boron	11-1	185569	173327	157243	172046	8.26	cps
Bromine	81-1	23053	23053	24085	23397	2.55	cps
Cadmium	111-1	5068	4383	4428	4626	8.28	cps
Cadmium	106-1	5960	5126	5351	5479	7.87	cps
Cadmium	108-1	154	121	121	132	14.58	cps
Calcium	43-1	17993571	17882859	18378561	18084997	1.44	cps
Calcium	44-1	296384572	295806775	301309187	297833511	1.02	cps
Carbon	12-1	8082382	8325792	8099399	8169191	1.66	cps
Carbon	12-2	92633	91752	93615	92667	1.01	cps
Chlorine	35-1	1818044	1790222	1769981	1792749	1.35	cps
Chlorine	35-2	12472	12714	12848	12678	1.50	cps
Chromium	52-2	9223	9427	9096	9249	1.80	cps
Cobalt	59-2	14301	14341	14351	14331	0.18	cps
Copper	63-1	225723	218479	215240	219814	2.44	cps
Dysprosium	156-1	1367	1575	1483	1475	7.08	cps
Dysprosium	156-2	740	680	683	701	4.81	cps
Erbium	164-1	300	217	192	236	24.02	cps
Erbium	164-2	83	110	110	101	15.23	cps
Gadolinium	160-1	1533	1367	1325	1408	7.83	cps
Gadolinium	160-2	833	757	743	778	6.25	cps
Holmium	165-1	8863534	8643912	8444186	8650544	2.42	cps
Holmium	165-2	4684677	4543554	4743343	4657191	2.21	cps
Indium	115-1	8169411	8051847	7946661	8055973	1.38	cps
Indium	115-2	1381552	1396658	1402500	1393570	0.78	cps
Iron	54-2	35303040	36234298	36311887	35949742	1.56	cps
Iron	56-2	653487992	649787348	646673926	649983089	0.52	cps
Iron	57-2	16414164	16594709	16225979	16411617	1.12	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:32:50	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	963	967	947	3.36	cps
Lead	206-1	19276	17095	15754	17375	10.23	cps
Lead	207-1	16839	15014	14636	15497	7.60	cps
Lead	208-1	75040	70043	64898	69994	7.25	cps
Lithium	6-1	3629663	3439555	3542408	3537209	2.69	cps
Magnesium	24-2	121758411	121196653	121953415	121636160	0.32	cps
Manganese	55-2	24969	25563	25212	25248	1.18	cps
Molybdenum	94-1	12681	10479	10262	11141	12.01	cps
Molybdenum	95-1	12081	10788	9812	10893	10.45	cps
Molybdenum	96-1	25166	23662	22210	23679	6.24	cps
Molybdenum	97-1	7944	6327	5785	6685	16.81	cps
Molybdenum	98-1	17904	15517	14950	16124	9.72	cps
Neodymium	150-1	60	60	80	67	17.32	cps
Neodymium	150-2	20	37	13	23	51.52	cps
Nickel	60-2	4931	5001	4677	4870	3.49	cps
Phosphorus	31-2	133	158	175	156	13.48	cps
Potassium	39-2	48837375	48512354	49943002	49097577	1.53	cps
Rhodium	103-1	7625181	7482488	7400914	7502861	1.51	cps
Rhodium	103-2	3862974	3738127	3916638	3839246	2.39	cps
Scandium	45-1	6768660	6870945	6755327	6798311	0.93	cps
Scandium	45-2	231827	229858	232029	231238	0.52	cps
Selenium	82-1	283	220	174	226	24.18	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	89	81	95	88	7.95	cps
Silicon	28-1	964689	1003869	978165	982241	2.03	cps
Silver	107-1	5643	5218	4593	5151	10.26	cps
Silver	109-1	5118	5101	4676	4965	5.04	cps
Sodium	23-2	236570922	235442405	239282439	237098589	0.83	cps
Strontium	86-1	32330	29974	28504	30270	6.37	cps
Strontium	88-1	259268	240375	231055	243566	5.90	cps
Sulfur	34-1	436185	433155	436872	435404	0.45	cps
Terbium	159-1	9223768	9166633	8828607	9073003	2.35	cps
Terbium	159-2	4756123	4717545	4893151	4788940	1.93	cps
Thallium	203-1	3217	2559	2417	2731	15.64	cps
Thallium	205-1	7002	6202	6102	6435	7.67	cps
Tin	118-1	5118	4192	4317	4543	11.05	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:32:50	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3534	3067	2875	3159	10.72	cps
Uranium	238-1	5526	4651	4051	4743	15.65	cps
Vanadium	51-2	803	790	870	821	5.22	cps
Ytterbium	172-1	133	158	117	136	15.41	cps
Ytterbium	172-2	50	83	83	72	26.65	cps
Ytterbium	176-1	1233	1208	1142	1195	3.97	cps
Ytterbium	176-2	3089	3334	3678	3367	8.79	cps
Yttrium	89-1	21994151	22106599	21758646	21953132	0.81	cps
Yttrium	89-2	2621553	2624183	2608835	2618190	0.31	cps
Zinc	66-2	10784	10451	11011	10749	2.62	cps
Zirconium	90-1	13549	11580	12014	12381	8.35	cps
Zirconium	91-1	2984	2459	2459	2634	11.51	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : ICV50 Instrumnet Name : P8
 Client Sample ID : ICV50 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:44:49 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44543	43899	44647	44363	0.91	cps
Antimony	121-1	1800351	1772893	1785753	1786332	0.77	cps
Arsenic	75-2	65552	65222	65714	65496	0.38	cps
Barium	135-1	221938	217415	225921	221758	1.92	cps
Barium	137-1	377629	372534	377658	375940	0.78	cps
Beryllium	9-1	271748	269243	268226	269739	0.67	cps
Bismuth	209-1	4480719	4559699	4679820	4573413	2.19	cps
Bismuth	209-2	3324621	3294049	3335068	3317913	0.64	cps
Boron	10-1	9777	9729	9275	9594	2.89	cps
Boron	11-1	48089	47030	46225	47115	1.98	cps
Bromine	81-1	22792	22722	22932	22816	0.47	cps
Cadmium	111-1	239300	238507	244205	240671	1.28	cps
Cadmium	106-1	26259	26727	26810	26599	1.12	cps
Cadmium	108-1	15818	15717	15626	15720	0.61	cps
Calcium	43-1	71921	71197	70264	71128	1.17	cps
Calcium	44-1	1239084	1239510	1250060	1242885	0.50	cps
Carbon	12-1	7048800	6960014	7096304	7035039	0.98	cps
Carbon	12-2	72606	72061	68920	71196	2.79	cps
Chlorine	35-1	2824473	2820523	2961837	2868944	2.80	cps
Chlorine	35-2	22176	22159	22727	22354	1.44	cps
Chromium	52-2	355093	353048	353599	353913	0.30	cps
Cobalt	59-2	629172	624008	626526	626569	0.41	cps
Copper	63-1	1348270	1315517	1348268	1337352	1.41	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	67	58	61	7.88	cps
Erbium	164-2	17	30	27	24	28.38	cps
Gadolinium	160-1	42	33	75	50	44.10	cps
Gadolinium	160-2	23	67	47	46	47.61	cps
Holmium	165-1	8112257	8189076	8468858	8256730	2.27	cps
Holmium	165-2	4967016	4837844	4905708	4903522	1.32	cps
Indium	115-1	8182328	8302529	8522617	8335824	2.07	cps
Indium	115-2	1568912	1574524	1534093	1559177	1.40	cps
Iron	54-2	307587	304072	312171	307943	1.32	cps
Iron	56-2	5620441	5672229	5602320	5631663	0.64	cps
Iron	57-2	134568	137546	134165	135426	1.36	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:44:49	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	937	830	1000	922	9.32	cps
Lead	206-1	1127164	1122335	1151864	1133788	1.40	cps
Lead	207-1	957347	960171	969961	962493	0.69	cps
Lead	208-1	4610457	4585529	4674625	4623537	0.99	cps
Lithium	6-1	3600669	3745506	3680798	3675657	1.97	cps
Magnesium	24-2	297156	292879	294606	294880	0.73	cps
Manganese	55-2	171626	169828	171273	170909	0.56	cps
Molybdenum	94-1	708	858	642	736	15.07	cps
Molybdenum	95-1	517	433	567	506	13.32	cps
Molybdenum	96-1	817	783	892	831	6.68	cps
Molybdenum	97-1	333	242	250	275	18.43	cps
Molybdenum	98-1	950	758	1025	911	15.09	cps
Neodymium	150-1	13	40	60	38	61.98	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	193992	189294	189766	191017	1.35	cps
Phosphorus	31-2	167	192	92	150	34.69	cps
Potassium	39-2	423032	411924	427296	420751	1.89	cps
Rhodium	103-1	7990278	8399686	8534010	8307991	3.41	cps
Rhodium	103-2	4499866	4540508	4341763	4460712	2.35	cps
Scandium	45-1	6515137	6872110	6974128	6787125	3.55	cps
Scandium	45-2	244438	242123	243335	243299	0.48	cps
Selenium	82-1	39268	39192	39251	39237	0.10	cps
Selenium	77-2	1443	1473	1363	1427	3.99	cps
Selenium	78-2	4795	4654	4695	4715	1.54	cps
Silicon	28-1	673443	675803	693612	680953	1.62	cps
Silver	107-1	587735	594243	587290	589756	0.66	cps
Silver	109-1	554203	555043	564147	557798	0.99	cps
Sodium	23-2	1034848	1001600	1008599	1015016	1.73	cps
Strontium	86-1	2642	2775	2767	2728	2.74	cps
Strontium	88-1	10371	9395	11349	10371	9.42	cps
Sulfur	34-1	465108	467636	472652	468465	0.82	cps
Terbium	159-1	8603892	9004964	9075699	8894851	2.86	cps
Terbium	159-2	4851417	4807310	4850669	4836465	0.52	cps
Thallium	203-1	1401511	1431455	1412501	1415155	1.07	cps
Thallium	205-1	3490027	3402048	3519493	3470523	1.76	cps
Tin	118-1	1992	2184	1808	1995	9.40	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:44:49	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	458	550	461	18.98	cps
Uranium	238-1	9984662	10211878	10048304	10081615	1.16	cps
Vanadium	51-2	279040	276991	278558	278196	0.39	cps
Ytterbium	172-1	17	33	42	31	41.66	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	942	1075	1017	1011	6.61	cps
Ytterbium	176-2	3584	3589	3812	3662	3.55	cps
Yttrium	89-1	21433801	22291052	22293058	22005970	2.25	cps
Yttrium	89-2	2785469	2788499	2708929	2760966	1.63	cps
Zinc	66-2	106896	104727	103696	105107	1.55	cps
Zirconium	90-1	1292	1333	1475	1367	7.03	cps
Zirconium	91-1	383	525	508	472	16.40	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : ICB50 Instrumnet Name : P8
 Client Sample ID : ICB50 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:47:55 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216	189	171	192	11.81	cps
Antimony	121-1	1158	1283	1692	1378	20.25	cps
Arsenic	75-2	14	10	19	14	31.46	cps
Barium	135-1	67	83	92	81	15.80	cps
Barium	137-1	117	125	442	228	81.37	cps
Beryllium	9-1	116	152	142	137	13.60	cps
Bismuth	209-1	4450249	4604065	4515900	4523405	1.71	cps
Bismuth	209-2	3214770	3242168	3166240	3207726	1.20	cps
Boron	10-1	7358	7659	7831	7616	3.14	cps
Boron	11-1	35059	36594	37549	36401	3.45	cps
Bromine	81-1	25088	24507	24076	24557	2.07	cps
Cadmium	111-1	3707	3840	4161	3903	5.98	cps
Cadmium	106-1	5176	5376	5926	5493	7.07	cps
Cadmium	108-1	29	21	83	44	76.35	cps
Calcium	43-1	437	471	521	477	8.84	cps
Calcium	44-1	50286	50767	50379	50477	0.50	cps
Carbon	12-1	6483362	6490691	6339914	6437989	1.32	cps
Carbon	12-2	65312	64978	63965	64752	1.08	cps
Chlorine	35-1	3276291	3419234	3427508	3374344	2.52	cps
Chlorine	35-2	25356	24730	25064	25050	1.25	cps
Chromium	52-2	1033	1003	1010	1016	1.55	cps
Cobalt	59-2	210	120	143	158	29.60	cps
Copper	63-1	7707	7820	7592	7706	1.48	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	42	42	47	20.37	cps
Erbium	164-2	33	20	13	22	45.83	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	43	57	50	50	13.34	cps
Holmium	165-1	7985009	8161872	8338282	8161721	2.16	cps
Holmium	165-2	4749291	4779307	4666667	4731755	1.23	cps
Indium	115-1	8078448	8447381	8472021	8332617	2.65	cps
Indium	115-2	1518224	1484783	1525003	1509337	1.43	cps
Iron	54-2	1256	1056	850	1054	19.25	cps
Iron	56-2	12680	10660	8130	10490	21.73	cps
Iron	57-2	422	311	289	341	20.96	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:47:55	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	850	957	937	914	6.20	cps
Lead	206-1	1928	2284	1845	2019	11.55	cps
Lead	207-1	1639	1717	1545	1633	5.28	cps
Lead	208-1	7657	8023	7468	7716	3.66	cps
Lithium	6-1	3601243	3723241	3714894	3679793	1.85	cps
Magnesium	24-2	1517	1167	725	1136	34.92	cps
Manganese	55-2	253	287	157	232	29.08	cps
Molybdenum	94-1	417	525	533	492	13.24	cps
Molybdenum	95-1	183	217	559	320	65.00	cps
Molybdenum	96-1	242	342	433	339	28.29	cps
Molybdenum	97-1	75	75	125	92	31.49	cps
Molybdenum	98-1	233	267	533	344	47.75	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	170	173	203	182	10.08	cps
Phosphorus	31-2	150	150	142	147	3.27	cps
Potassium	39-2	25899	25899	25281	25693	1.39	cps
Rhodium	103-1	8078150	8395869	8391368	8288462	2.20	cps
Rhodium	103-2	4295381	4262598	4328986	4295655	0.77	cps
Scandium	45-1	6724030	6817642	6884194	6808622	1.18	cps
Scandium	45-2	236180	236307	234790	235759	0.36	cps
Selenium	82-1	129	-19	-10	33	248.10	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	73	85	83	80	8.00	cps
Silicon	28-1	623483	623340	618108	621644	0.49	cps
Silver	107-1	742	783	717	747	4.51	cps
Silver	109-1	775	750	575	700	15.57	cps
Sodium	23-2	39370	38927	37808	38702	2.08	cps
Strontium	86-1	1442	1700	1575	1572	8.22	cps
Strontium	88-1	825	2060	2010	1631	42.83	cps
Sulfur	34-1	473318	466828	463052	467733	1.11	cps
Terbium	159-1	8670674	9293651	8927810	8964045	3.49	cps
Terbium	159-2	4768641	4561958	4708111	4679570	2.27	cps
Thallium	203-1	1158	1125	1058	1114	4.57	cps
Thallium	205-1	2767	2842	2609	2739	4.35	cps
Tin	118-1	1834	1733	1950	1839	5.90	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:47:55	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	392	417	364	19.48	cps
Uranium	238-1	967	1050	858	958	10.03	cps
Vanadium	51-2	53	63	60	59	8.65	cps
Ytterbium	172-1	8	0	42	17	132.30	cps
Ytterbium	172-2	0	6	28	11	132.26	cps
Ytterbium	176-1	917	1108	1033	1020	9.47	cps
Ytterbium	176-2	3384	3423	3617	3475	3.60	cps
Yttrium	89-1	21478882	22062406	21870567	21803952	1.36	cps
Yttrium	89-2	2596516	2614644	2642161	2617774	0.88	cps
Zinc	66-2	667	690	913	757	18.00	cps
Zirconium	90-1	883	883	1050	939	10.25	cps
Zirconium	91-1	133	183	175	164	16.34	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : ICSA50 Instrumnet Name : P8
 Client Sample ID : ICSA50 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:50:59 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8150570	8309119	8306590	8255427	1.10	cps
Antimony	121-1	9604	11280	10821	10568	8.20	cps
Arsenic	75-2	112	117	117	115	2.50	cps
Barium	135-1	3184	3259	3009	3150	4.07	cps
Barium	137-1	6052	6210	5318	5860	8.12	cps
Beryllium	9-1	876	894	800	857	5.82	cps
Bismuth	209-1	4608463	4457344	4682381	4582729	2.50	cps
Bismuth	209-2	3462069	2987970	3081048	3177029	7.91	cps
Boron	10-1	11024	10426	9351	10267	8.26	cps
Boron	11-1	52391	47905	43474	47923	9.30	cps
Bromine	81-1	25018	25881	24727	25209	2.38	cps
Cadmium	111-1	4691	5087	4708	4829	4.64	cps
Cadmium	106-1	5326	5960	5626	5637	5.62	cps
Cadmium	108-1	1917	2009	2009	1978	2.68	cps
Calcium	43-1	3650463	3645603	3647097	3647721	0.07	cps
Calcium	44-1	59637597	60264387	58168194	59356726	1.81	cps
Carbon	12-1	31953356	32798599	32902346	32551433	1.60	cps
Carbon	12-2	346638	346210	344826	345891	0.27	cps
Chlorine	35-1	20637917	26701803	31563571	26301097	20.81	cps
Chlorine	35-2	285739	303944	313893	301192	4.74	cps
Chromium	52-2	67170	67853	66460	67161	1.04	cps
Cobalt	59-2	6952	7002	6762	6905	1.83	cps
Copper	63-1	137857	140757	137473	138696	1.29	cps
Dysprosium	156-1	17	92	50	53	71.20	cps
Dysprosium	156-2	30	20	27	26	19.92	cps
Erbium	164-1	58	108	108	92	31.49	cps
Erbium	164-2	40	37	43	40	8.32	cps
Gadolinium	160-1	75	100	125	100	25.00	cps
Gadolinium	160-2	97	80	73	83	14.43	cps
Holmium	165-1	8488682	8534282	8640258	8554407	0.91	cps
Holmium	165-2	5507495	4816841	4845177	5056504	7.73	cps
Indium	115-1	8310872	8555350	8564675	8476966	1.70	cps
Indium	115-2	1693585	1447591	1524473	1555216	8.09	cps
Iron	54-2	14707783	14621294	14812857	14713978	0.65	cps
Iron	56-2	271684678	268969456	266777045	269143726	0.91	cps
Iron	57-2	6594135	6879882	6640705	6704907	2.29	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : ICSA50 Instrumnet Name : P8
 Client Sample ID : ICSA50 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 14:50:59 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	1020	877	950	7.55	cps
Lead	206-1	25080	26723	25091	25632	3.69	cps
Lead	207-1	19615	20049	19977	19880	1.17	cps
Lead	208-1	93331	95974	94798	94701	1.40	cps
Lithium	6-1	3679817	3743722	3725964	3716501	0.89	cps
Magnesium	24-2	23617859	23509253	23642421	23589844	0.30	cps
Manganese	55-2	12826	12452	13086	12788	2.49	cps
Molybdenum	94-1	6076566	6180448	5983039	6080017	1.62	cps
Molybdenum	95-1	10548789	10746208	10756438	10683812	1.10	cps
Molybdenum	96-1	11343495	11499536	11147618	11330216	1.56	cps
Molybdenum	97-1	6403739	6568838	6460079	6477552	1.30	cps
Molybdenum	98-1	16448337	16946154	16744678	16713056	1.50	cps
Neodymium	150-1	47	47	60	51	15.06	cps
Neodymium	150-2	23	13	7	14	58.06	cps
Nickel	60-2	8746	9236	8493	8825	4.28	cps
Phosphorus	31-2	455605	461171	459515	458764	0.62	cps
Potassium	39-2	19493482	19425964	19242480	19387309	0.67	cps
Rhodium	103-1	7831768	8251772	8158286	8080609	2.73	cps
Rhodium	103-2	4723080	4183415	4243573	4383356	6.75	cps
Scandium	45-1	6813024	6965132	6970002	6916053	1.29	cps
Scandium	45-2	270693	235851	243145	249896	7.35	cps
Selenium	82-1	53	-67	83	23	347.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	97	86	80	88	9.83	cps
Silicon	28-1	849529	862426	871856	861270	1.30	cps
Silver	107-1	1158	1133	1425	1239	13.05	cps
Silver	109-1	1050	1058	1200	1103	7.64	cps
Sodium	23-2	47992240	48636627	48348535	48325801	0.67	cps
Strontium	86-1	123981	128456	124864	125767	1.88	cps
Strontium	88-1	1052316	1096546	1069713	1072858	2.08	cps
Sulfur	34-1	5410615	5491573	5593258	5498482	1.66	cps
Terbium	159-1	9032108	9418420	9253433	9234654	2.10	cps
Terbium	159-2	5362997	4787912	4874647	5008519	6.19	cps
Thallium	203-1	1083	1267	1358	1236	11.33	cps
Thallium	205-1	2125	2842	3259	2742	20.92	cps
Tin	118-1	2684	2959	2667	2770	5.92	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:50:59	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3574957	3698556	3523084	3598866	2.50	cps
Uranium	238-1	492	608	350	483	26.77	cps
Vanadium	51-2	460	457	437	451	2.80	cps
Ytterbium	172-1	75	50	33	53	39.74	cps
Ytterbium	172-2	17	6	22	15	57.25	cps
Ytterbium	176-1	1108	1150	1008	1089	6.69	cps
Ytterbium	176-2	4040	3484	3478	3667	8.79	cps
Yttrium	89-1	21758629	22920989	22376906	22352174	2.60	cps
Yttrium	89-2	2922985	2703486	2745268	2790580	4.18	cps
Zinc	66-2	6672	6972	7025	6890	2.77	cps
Zirconium	90-1	1267	1750	1075	1364	25.51	cps
Zirconium	91-1	225	533	292	350	46.37	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:53:52	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8737587	8617529	8617462	8657526	0.80	cps
Antimony	121-1	189986	190073	190905	190321	0.27	cps
Arsenic	75-2	6820	6449	6682	6651	2.82	cps
Barium	135-1	48487	49173	48304	48655	0.94	cps
Barium	137-1	83500	83466	82343	83103	0.79	cps
Beryllium	9-1	55587	55017	55254	55286	0.52	cps
Bismuth	209-1	4387257	4599726	4559328	4515437	2.50	cps
Bismuth	209-2	3073459	3114025	3110142	3099208	0.72	cps
Boron	10-1	19321	19729	20148	19733	2.10	cps
Boron	11-1	90953	95566	95778	94099	2.90	cps
Bromine	81-1	25279	26643	27435	26452	4.12	cps
Cadmium	111-1	52333	52431	51774	52179	0.68	cps
Cadmium	106-1	11547	11580	11689	11605	0.64	cps
Cadmium	108-1	5585	5830	5551	5655	2.70	cps
Calcium	43-1	3829808	3771763	3688313	3763295	1.89	cps
Calcium	44-1	62215934	62860110	59967420	61681155	2.46	cps
Carbon	12-1	33907578	33910513	34754543	34190878	1.43	cps
Carbon	12-2	365552	359082	366891	363842	1.15	cps
Chlorine	35-1	36749181	40523287	42487635	39920035	7.31	cps
Chlorine	35-2	352196	357974	369306	359825	2.42	cps
Chromium	52-2	140358	140644	141660	140888	0.49	cps
Cobalt	59-2	130687	129611	129170	129823	0.60	cps
Copper	63-1	393324	398444	397349	396373	0.68	cps
Dysprosium	156-1	8	42	25	25	66.68	cps
Dysprosium	156-2	40	27	13	27	50.01	cps
Erbium	164-1	125	75	83	94	28.36	cps
Erbium	164-2	37	43	33	38	13.48	cps
Gadolinium	160-1	92	133	33	86	58.34	cps
Gadolinium	160-2	80	107	77	88	18.73	cps
Holmium	165-1	8712881	8800245	8317066	8610064	2.99	cps
Holmium	165-2	4851679	4849813	4845343	4848945	0.07	cps
Indium	115-1	8433082	8450145	8245859	8376362	1.35	cps
Indium	115-2	1454312	1447583	1450939	1450945	0.23	cps
Iron	54-2	15597966	15520890	15473636	15530831	0.40	cps
Iron	56-2	279603028	279702412	279286634	279530691	0.08	cps
Iron	57-2	7164476	6932012	7051519	7049336	1.65	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:53:52	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1070	877	933	960	10.35	cps
Lead	206-1	128483	129677	131669	129943	1.24	cps
Lead	207-1	109012	109521	108755	109096	0.36	cps
Lead	208-1	503948	513643	503881	507157	1.11	cps
Lithium	6-1	3789159	3761240	3818029	3789476	0.75	cps
Magnesium	24-2	25794196	24815393	25008960	25206183	2.06	cps
Manganese	55-2	48392	48144	47268	47935	1.23	cps
Molybdenum	94-1	6705814	6595577	6467560	6589650	1.81	cps
Molybdenum	95-1	11297271	11297658	11214978	11269969	0.42	cps
Molybdenum	96-1	12115502	11997791	12260429	12124574	1.09	cps
Molybdenum	97-1	6858302	6918884	6716635	6831274	1.52	cps
Molybdenum	98-1	18028498	17879621	17523794	17810638	1.46	cps
Neodymium	150-1	47	40	93	60	48.43	cps
Neodymium	150-2	17	23	17	19	20.36	cps
Nickel	60-2	42851	42831	42898	42860	0.08	cps
Phosphorus	31-2	478830	479870	480690	479797	0.19	cps
Potassium	39-2	20032312	20121471	20133093	20095625	0.27	cps
Rhodium	103-1	8284840	8141649	7970731	8132407	1.93	cps
Rhodium	103-2	4139973	4236362	4192044	4189460	1.15	cps
Scandium	45-1	7197561	7194698	7138475	7176911	0.46	cps
Scandium	45-2	242656	239058	245569	242428	1.35	cps
Selenium	82-1	3729	4050	3851	3877	4.18	cps
Selenium	77-2	93	153	97	114	29.47	cps
Selenium	78-2	546	476	481	501	7.79	cps
Silicon	28-1	1141690	1164771	1184021	1163494	1.82	cps
Silver	107-1	233228	234255	234924	234136	0.37	cps
Silver	109-1	222431	224294	223692	223472	0.43	cps
Sodium	23-2	51377690	51713189	50884767	51325215	0.81	cps
Strontium	86-1	285273	289888	288563	287908	0.83	cps
Strontium	88-1	2509560	2529463	2528493	2522505	0.44	cps
Sulfur	34-1	5683739	5646826	5619110	5649892	0.57	cps
Terbium	159-1	9068917	9232653	9301955	9201175	1.30	cps
Terbium	159-2	4862549	4755338	4777510	4798466	1.18	cps
Thallium	203-1	134523	136019	132490	134344	1.32	cps
Thallium	205-1	317646	313033	323341	318007	1.62	cps
Tin	118-1	338584	342243	345249	342025	0.98	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 14:53:52	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3837099	3898060	3925983	3887047	1.17	cps
Uranium	238-1	763875	787997	774964	775612	1.56	cps
Vanadium	51-2	57629	57361	57354	57448	0.27	cps
Ytterbium	172-1	25	33	25	28	17.31	cps
Ytterbium	172-2	33	33	17	28	34.63	cps
Ytterbium	176-1	2025	2034	2375	2145	9.31	cps
Ytterbium	176-2	4145	4323	4067	4179	3.14	cps
Yttrium	89-1	22323387	22669136	22748098	22580207	1.00	cps
Yttrium	89-2	2671342	2654845	2699957	2675381	0.85	cps
Zinc	66-2	17207	17584	17064	17285	1.56	cps
Zirconium	90-1	856538	856149	852866	855184	0.24	cps
Zirconium	91-1	187008	185256	188862	187042	0.96	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:07:16	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4414614	4417371	4275552	4369179	1.86	cps
Antimony	121-1	4375924	4349865	4345822	4357204	0.37	cps
Arsenic	75-2	156850	154869	154250	155323	0.87	cps
Barium	135-1	5726662	5604488	5712591	5681247	1.18	cps
Barium	137-1	9669217	9654680	9619693	9647863	0.26	cps
Beryllium	9-1	1349795	1346352	1405854	1367334	2.44	cps
Bismuth	209-1	4318518	4432405	4405336	4385420	1.36	cps
Bismuth	209-2	2932384	2907489	2888152	2909342	0.76	cps
Boron	10-1	137674	139329	146948	141317	3.50	cps
Boron	11-1	647270	655513	709098	670627	5.01	cps
Bromine	81-1	24126	24697	24837	24553	1.54	cps
Cadmium	111-1	1126921	1136954	1161066	1141647	1.54	cps
Cadmium	106-1	126957	126218	133200	128792	2.98	cps
Cadmium	108-1	86763	82688	84407	84619	2.42	cps
Calcium	43-1	9585820	9203555	9210370	9333248	2.34	cps
Calcium	44-1	152667362	152105627	148708652	151160547	1.42	cps
Carbon	12-1	7622803	7812853	8199068	7878241	3.73	cps
Carbon	12-2	86161	86111	83924	85399	1.50	cps
Chlorine	35-1	10479674	9826896	9237843	9848138	6.31	cps
Chlorine	35-2	61414	58401	56260	58692	4.41	cps
Chromium	52-2	1818071	1819732	1801186	1812996	0.57	cps
Cobalt	59-2	3141115	3048348	3085713	3091726	1.51	cps
Copper	63-1	68711910	67846602	68278354	68278955	0.63	cps
Dysprosium	156-1	950	867	767	861	10.66	cps
Dysprosium	156-2	443	407	440	430	4.71	cps
Erbium	164-1	142	158	225	175	25.20	cps
Erbium	164-2	93	77	60	77	21.74	cps
Gadolinium	160-1	783	875	683	781	12.28	cps
Gadolinium	160-2	443	410	483	446	8.24	cps
Holmium	165-1	8634597	8339874	8419967	8464813	1.80	cps
Holmium	165-2	4708468	4788949	4689997	4729138	1.11	cps
Indium	115-1	8036087	8100570	8059279	8065312	0.40	cps
Indium	115-2	1387643	1384101	1449251	1406999	2.60	cps
Iron	54-2	18549659	18037335	18508359	18365118	1.55	cps
Iron	56-2	344603341	341752063	340449897	342268434	0.62	cps
Iron	57-2	8417122	8209724	8407953	8344933	1.40	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:07:16	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	903	973	1033	970	6.71	cps
Lead	206-1	13046848	13103343	13205184	13118458	0.61	cps
Lead	207-1	11450716	11502037	11625112	11525955	0.78	cps
Lead	208-1	52179971	52497207	53655188	52777455	1.47	cps
Lithium	6-1	3715854	3553196	3788773	3685941	3.27	cps
Magnesium	24-2	64505604	64605916	63923972	64345164	0.57	cps
Manganese	55-2	8934530	8805565	8929695	8889930	0.82	cps
Molybdenum	94-1	11453455	11450237	11525874	11476522	0.37	cps
Molybdenum	95-1	14148107	13742474	13800730	13897104	1.58	cps
Molybdenum	96-1	15729680	15429975	15546423	15568693	0.97	cps
Molybdenum	97-1	8533239	8413644	8543083	8496655	0.85	cps
Molybdenum	98-1	22126040	21686848	21847632	21886840	1.02	cps
Neodymium	150-1	300	293	253	282	8.94	cps
Neodymium	150-2	30	37	33	33	10.01	cps
Nickel	60-2	794947	793713	783997	790886	0.76	cps
Phosphorus	31-2	45832	46442	47027	46433	1.29	cps
Potassium	39-2	25982138	25252942	25916322	25717134	1.57	cps
Rhodium	103-1	7753362	7667286	7915482	7778710	1.62	cps
Rhodium	103-2	3956947	3966766	3964648	3962787	0.13	cps
Scandium	45-1	7093634	6857682	7243735	7065017	2.75	cps
Scandium	45-2	241053	238059	239882	239665	0.63	cps
Selenium	82-1	96437	95110	96796	96114	0.92	cps
Selenium	77-2	3140	3070	3354	3188	4.63	cps
Selenium	78-2	11016	10896	10949	10954	0.55	cps
Silicon	28-1	4661598	4684206	4830891	4725565	1.95	cps
Silver	107-1	6010416	6055760	6129222	6065133	0.99	cps
Silver	109-1	5758477	5622043	5704696	5695072	1.21	cps
Sodium	23-2	125217782	123563778	124566353	124449304	0.67	cps
Strontium	86-1	18766293	18059595	18849757	18558548	2.34	cps
Strontium	88-1	160535354	156824066	159693691	159017704	1.22	cps
Sulfur	34-1	1084265	1042324	1070627	1065739	2.01	cps
Terbium	159-1	9073015	9014519	9362463	9149999	2.04	cps
Terbium	159-2	4729279	4824391	4741743	4765138	1.08	cps
Thallium	203-1	3318547	3270422	3268767	3285912	0.86	cps
Thallium	205-1	7556532	7559348	7672924	7596268	0.87	cps
Tin	118-1	3873437	3860695	3869592	3867908	0.17	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:07:16	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4713440	4615317	4716464	4681740	1.23	cps
Uranium	238-1	9454373	9518051	9857548	9609990	2.26	cps
Vanadium	51-2	1478857	1461307	1466788	1468984	0.61	cps
Ytterbium	172-1	75	133	58	89	44.31	cps
Ytterbium	172-2	50	78	33	54	41.81	cps
Ytterbium	176-1	16277	14934	15309	15507	4.47	cps
Ytterbium	176-2	11539	11333	11700	11524	1.60	cps
Yttrium	89-1	22375409	21936175	22906368	22405984	2.17	cps
Yttrium	89-2	2607320	2592471	2618090	2605961	0.49	cps
Zinc	66-2	2551022	2537533	2599439	2562665	1.27	cps
Zirconium	90-1	10127109	9924231	10181796	10077712	1.35	cps
Zirconium	91-1	2272161	2258651	2288837	2273217	0.67	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 15:14:17 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191	220	230	214	9.41	cps
Antimony	121-1	617	1595	733	982	54.43	cps
Arsenic	75-2	13	9	12	11	18.37	cps
Barium	135-1	125	133	108	122	10.41	cps
Barium	137-1	167	192	200	186	9.32	cps
Beryllium	9-1	124	122	138	128	6.81	cps
Bismuth	209-1	4695378	4854080	4624822	4724760	2.49	cps
Bismuth	209-2	3217056	3225512	3302466	3248345	1.45	cps
Boron	10-1	6294	6148	5986	6143	2.51	cps
Boron	11-1	29133	29177	28185	28832	1.94	cps
Bromine	81-1	24447	23364	23705	23838	2.32	cps
Cadmium	111-1	3482	3889	3764	3712	5.61	cps
Cadmium	106-1	4901	5526	5284	5237	6.02	cps
Cadmium	108-1	33	54	21	36	46.64	cps
Calcium	43-1	580	591	686	619	9.43	cps
Calcium	44-1	51464	52752	52104	52107	1.24	cps
Carbon	12-1	6333528	6533745	6612697	6493323	2.22	cps
Carbon	12-2	66761	65145	65898	65935	1.23	cps
Chlorine	35-1	4546917	4575971	4668427	4597105	1.38	cps
Chlorine	35-2	33982	34308	34292	34194	0.54	cps
Chromium	52-2	910	1003	943	952	4.97	cps
Cobalt	59-2	70	123	113	102	27.74	cps
Copper	63-1	7742	8534	7132	7802	9.01	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	3	30	20	18	75.79	cps
Gadolinium	160-1	100	33	75	69	48.50	cps
Gadolinium	160-2	43	47	70	53	27.24	cps
Holmium	165-1	8292611	8506662	8567636	8455636	1.71	cps
Holmium	165-2	4778790	4786696	4737783	4767756	0.55	cps
Indium	115-1	8731251	8897143	8465966	8698120	2.50	cps
Indium	115-2	1556297	1506004	1517316	1526539	1.73	cps
Iron	54-2	944	995	922	954	3.88	cps
Iron	56-2	9515	9715	10665	9965	6.17	cps
Iron	57-2	272	344	261	293	15.47	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:14:17	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	973	1080	983	9.36	cps
Lead	206-1	1739	1867	1895	1834	4.53	cps
Lead	207-1	1600	1678	1400	1559	9.19	cps
Lead	208-1	6734	7668	6884	7095	7.07	cps
Lithium	6-1	3912546	3929281	3574491	3805439	5.26	cps
Magnesium	24-2	1008	950	775	911	13.33	cps
Manganese	55-2	193	150	203	182	15.56	cps
Molybdenum	94-1	692	717	842	750	10.72	cps
Molybdenum	95-1	583	984	367	645	48.56	cps
Molybdenum	96-1	708	750	1025	828	20.79	cps
Molybdenum	97-1	283	450	350	361	23.23	cps
Molybdenum	98-1	767	1117	1083	989	19.54	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	183	193	150	176	12.93	cps
Phosphorus	31-2	117	75	83	92	24.05	cps
Potassium	39-2	25949	26617	24780	25782	3.61	cps
Rhodium	103-1	8528722	8731646	8646598	8635655	1.18	cps
Rhodium	103-2	4472614	4402743	4368508	4414622	1.20	cps
Scandium	45-1	6969469	6980163	6991911	6980514	0.16	cps
Scandium	45-2	237815	243069	243297	241394	1.28	cps
Selenium	82-1	8	-5	-131	-43	-180.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	77	76	75	3.53	cps
Silicon	28-1	615509	617821	618645	617325	0.26	cps
Silver	107-1	475	575	408	486	17.26	cps
Silver	109-1	492	500	267	419	31.56	cps
Sodium	23-2	34107	33481	33013	33534	1.64	cps
Strontium	86-1	1658	2584	1934	2059	23.08	cps
Strontium	88-1	2667	3384	3385	3145	13.17	cps
Sulfur	34-1	481522	484645	486514	484227	0.52	cps
Terbium	159-1	9256225	9453652	8887792	9199223	3.12	cps
Terbium	159-2	4870341	4735338	4672891	4759523	2.12	cps
Thallium	203-1	808	750	700	753	7.20	cps
Thallium	205-1	2009	1900	1750	1886	6.88	cps
Tin	118-1	1809	2009	1992	1936	5.73	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:14:17	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	575	433	489	15.47	cps
Uranium	238-1	183	275	358	272	32.16	cps
Vanadium	51-2	33	53	37	41	26.06	cps
Ytterbium	172-1	25	33	0	19	89.21	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	1117	867	1117	1033	13.97	cps
Ytterbium	176-2	3234	3612	3667	3504	6.73	cps
Yttrium	89-1	22039199	23018455	21955665	22337773	2.65	cps
Yttrium	89-2	2654363	2737128	2688188	2693226	1.55	cps
Zinc	66-2	750	677	753	727	5.96	cps
Zirconium	90-1	1108	1333	1342	1261	10.50	cps
Zirconium	91-1	142	308	275	242	36.49	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:25:21	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1907	2081	2136	2042	5.85	cps
Antimony	121-1	16402	17028	17019	16816	2.13	cps
Arsenic	75-2	338	299	293	310	7.88	cps
Barium	135-1	21568	21309	20975	21284	1.40	cps
Barium	137-1	36099	36258	36133	36163	0.23	cps
Beryllium	9-1	2866	2792	2696	2784	3.06	cps
Bismuth	209-1	4740233	4832698	4679214	4750715	1.63	cps
Bismuth	209-2	3366350	3371554	3368775	3368893	0.08	cps
Boron	10-1	9275	9647	10083	9669	4.18	cps
Boron	11-1	44948	46514	47082	46181	2.39	cps
Bromine	81-1	24266	25871	23424	24520	5.07	cps
Cadmium	111-1	6210	6456	6300	6322	1.97	cps
Cadmium	106-1	5968	5968	6018	5985	0.48	cps
Cadmium	108-1	258	163	167	196	27.66	cps
Calcium	43-1	17174	17461	17951	17529	2.24	cps
Calcium	44-1	330853	335647	334036	333512	0.73	cps
Carbon	12-1	5938479	5792574	5821118	5850724	1.32	cps
Carbon	12-2	58341	58434	57731	58169	0.66	cps
Chlorine	35-1	2260818	2254417	2170824	2228686	2.25	cps
Chlorine	35-2	14015	14382	13940	14113	1.68	cps
Chromium	52-2	7876	7682	7992	7850	2.00	cps
Cobalt	59-2	6201	5951	6008	6054	2.17	cps
Copper	63-1	28474	29075	28943	28831	1.09	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	33	58	36	58.07	cps
Erbium	164-2	37	43	30	37	18.18	cps
Gadolinium	160-1	58	75	42	58	28.57	cps
Gadolinium	160-2	60	37	97	64	46.93	cps
Holmium	165-1	8441130	8610630	8554124	8535295	1.01	cps
Holmium	165-2	4937572	4812390	4869799	4873254	1.29	cps
Indium	115-1	8444040	8620292	8542226	8535519	1.03	cps
Indium	115-2	1562722	1599354	1592398	1584825	1.23	cps
Iron	54-2	9020	8619	8497	8712	3.14	cps
Iron	56-2	144683	147008	154381	148691	3.41	cps
Iron	57-2	3773	3717	3940	3810	3.04	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:25:21	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	1000	937	957	3.93	cps
Lead	206-1	6063	6141	6052	6085	0.80	cps
Lead	207-1	5323	5646	5340	5436	3.34	cps
Lead	208-1	25322	25210	25411	25314	0.40	cps
Lithium	6-1	3689718	3938275	3885940	3837978	3.41	cps
Magnesium	24-2	123673	126247	124152	124691	1.10	cps
Manganese	55-2	2064	1944	2104	2037	4.09	cps
Molybdenum	94-1	20850	21951	21233	21345	2.62	cps
Molybdenum	95-1	25866	26384	25324	25858	2.05	cps
Molybdenum	96-1	29148	29423	28514	29028	1.61	cps
Molybdenum	97-1	15985	16285	16410	16227	1.35	cps
Molybdenum	98-1	40727	42599	39741	41023	3.54	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2124	2064	2300	2162	5.69	cps
Phosphorus	31-2	175	208	75	153	45.42	cps
Potassium	39-2	119728	119753	119534	119672	0.10	cps
Rhodium	103-1	8258276	8611117	8489013	8452802	2.12	cps
Rhodium	103-2	4534452	4469026	4544043	4515840	0.90	cps
Scandium	45-1	6911758	7038590	7345136	7098495	3.14	cps
Scandium	45-2	248352	249073	253637	250354	1.14	cps
Selenium	82-1	931	854	881	889	4.41	cps
Selenium	77-2	57	17	43	39	52.37	cps
Selenium	78-2	210	192	199	200	4.53	cps
Silicon	28-1	670440	673794	678478	674237	0.60	cps
Silver	107-1	11780	12239	12439	12153	2.78	cps
Silver	109-1	11071	12081	11505	11552	4.38	cps
Sodium	23-2	269508	269819	270835	270054	0.26	cps
Strontium	86-1	5560	5109	5618	5429	5.13	cps
Strontium	88-1	34143	35296	35062	34833	1.75	cps
Sulfur	34-1	499777	503787	498977	500847	0.51	cps
Terbium	159-1	8688026	9274666	9352237	9104976	3.99	cps
Terbium	159-2	4793313	4920287	4918791	4877464	1.49	cps
Thallium	203-1	6494	6952	6677	6707	3.44	cps
Thallium	205-1	15835	15151	16152	15713	3.26	cps
Tin	118-1	38020	37661	37636	37772	0.57	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:25:21	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9245	8795	8961	9000	2.53	cps
Uranium	238-1	17663	16661	16328	16884	4.12	cps
Vanadium	51-2	13847	13393	13256	13499	2.29	cps
Ytterbium	172-1	42	33	25	33	25.01	cps
Ytterbium	172-2	0	28	11	13	107.86	cps
Ytterbium	176-1	942	1175	1058	1058	11.02	cps
Ytterbium	176-2	3317	3434	3806	3519	7.26	cps
Yttrium	89-1	22320723	22558761	22581655	22487046	0.64	cps
Yttrium	89-2	2727473	2713124	2767242	2735946	1.02	cps
Zinc	66-2	1923	1953	1843	1907	2.98	cps
Zirconium	90-1	17795	19156	18371	18441	3.70	cps
Zirconium	91-1	4376	3976	4084	4145	4.99	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BL	Instrumnet Name :	P8
Client Sample ID :	PB139911BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:28:24	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226	280	196	234	18.12	cps
Antimony	121-1	192	275	217	228	18.77	cps
Arsenic	75-2	9	9	7	8	13.86	cps
Barium	135-1	50	242	175	156	62.55	cps
Barium	137-1	150	342	242	244	39.22	cps
Beryllium	9-1	116	122	126	121	4.15	cps
Bismuth	209-1	4787491	4687814	4783387	4752897	1.19	cps
Bismuth	209-2	3187253	3268247	3295507	3250336	1.73	cps
Boron	10-1	4018	3782	3578	3792	5.81	cps
Boron	11-1	18436	17499	16738	17558	4.84	cps
Bromine	81-1	23244	25219	23173	23879	4.86	cps
Cadmium	111-1	4264	3856	4182	4101	5.26	cps
Cadmium	106-1	6043	5493	5935	5824	5.00	cps
Cadmium	108-1	29	38	38	35	13.85	cps
Calcium	43-1	604	661	570	612	7.54	cps
Calcium	44-1	50398	51711	50981	51030	1.29	cps
Carbon	12-1	5602159	5539200	5461696	5534352	1.27	cps
Carbon	12-2	53423	54535	55012	54323	1.50	cps
Chlorine	35-1	2044965	2046389	1970543	2020633	2.15	cps
Chlorine	35-2	13165	12898	13557	13206	2.51	cps
Chromium	52-2	960	927	1010	966	4.34	cps
Cobalt	59-2	113	103	83	100	15.28	cps
Copper	63-1	5558	5614	5287	5486	3.19	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	33	83	67	61	41.67	cps
Erbium	164-2	50	23	37	37	36.37	cps
Gadolinium	160-1	75	50	83	69	24.98	cps
Gadolinium	160-2	37	57	33	42	29.89	cps
Holmium	165-1	8421142	8749310	8513047	8561166	1.98	cps
Holmium	165-2	4705162	4838915	4801916	4781998	1.44	cps
Indium	115-1	8655069	8986416	8681517	8774334	2.10	cps
Indium	115-2	1547623	1573057	1546648	1555776	0.96	cps
Iron	54-2	1145	1178	844	1056	17.39	cps
Iron	56-2	11591	11921	8681	10731	16.61	cps
Iron	57-2	306	417	261	328	24.44	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BL	Instrumnet Name :	P8
Client Sample ID :	PB139911BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:28:24	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	950	933	956	2.66	cps
Lead	206-1	1506	1700	1267	1491	14.56	cps
Lead	207-1	1145	1361	1461	1322	12.24	cps
Lead	208-1	5706	6529	6012	6082	6.83	cps
Lithium	6-1	4012029	3992956	3903395	3969460	1.46	cps
Magnesium	24-2	2466	825	858	1383	67.82	cps
Manganese	55-2	307	323	210	280	21.86	cps
Molybdenum	94-1	458	642	392	497	26.04	cps
Molybdenum	95-1	300	342	600	414	39.27	cps
Molybdenum	96-1	383	608	617	536	24.69	cps
Molybdenum	97-1	142	175	300	206	40.61	cps
Molybdenum	98-1	458	733	667	619	23.16	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	140	120	127	129	7.90	cps
Phosphorus	31-2	142	117	117	125	11.55	cps
Potassium	39-2	25532	24238	24722	24830	2.63	cps
Rhodium	103-1	8753177	8720846	8451923	8641982	1.91	cps
Rhodium	103-2	4425129	4440654	4417235	4427673	0.27	cps
Scandium	45-1	7112244	7423239	7234711	7256731	2.16	cps
Scandium	45-2	244868	248058	245219	246048	0.71	cps
Selenium	82-1	-33	-38	-29	-34	-12.93	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	63	90	81	78	17.62	cps
Silicon	28-1	589574	588938	587729	588747	0.16	cps
Silver	107-1	467	525	533	508	7.15	cps
Silver	109-1	417	442	483	447	7.53	cps
Sodium	23-2	29013	27552	27919	28161	2.70	cps
Strontium	86-1	1875	1842	1675	1797	5.96	cps
Strontium	88-1	2034	2925	3234	2731	22.83	cps
Sulfur	34-1	506891	507516	505913	506773	0.16	cps
Terbium	159-1	9406670	9475265	9224294	9368743	1.38	cps
Terbium	159-2	4847439	4832895	4893024	4857786	0.65	cps
Thallium	203-1	658	617	675	650	4.62	cps
Thallium	205-1	1392	1342	1408	1381	2.51	cps
Tin	118-1	1492	1483	1500	1492	0.56	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BL	Instrumnet Name :	P8
Client Sample ID :	PB139911BL	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:28:24	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	333	417	358	14.15	cps
Uranium	238-1	167	275	100	181	48.92	cps
Vanadium	51-2	33	23	17	24	34.31	cps
Ytterbium	172-1	17	50	25	31	56.77	cps
Ytterbium	172-2	22	6	0	9	124.87	cps
Ytterbium	176-1	1100	1017	1133	1083	5.55	cps
Ytterbium	176-2	3256	3456	3851	3521	8.59	cps
Yttrium	89-1	22967403	23780461	23392755	23380207	1.74	cps
Yttrium	89-2	2664151	2654695	2703736	2674194	0.97	cps
Zinc	66-2	830	843	833	836	0.83	cps
Zirconium	90-1	1033	1042	1108	1061	3.87	cps
Zirconium	91-1	167	250	208	208	20.00	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BS	Instrumnet Name :	P8
Client Sample ID :	PB139911BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:31:24	DataFile Name :	026LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	868792	861047	846781	858873	1.30	cps
Antimony	121-1	4620011	4608303	4601285	4609866	0.21	cps
Arsenic	75-2	160238	160003	157674	159305	0.89	cps
Barium	135-1	5731782	5802845	5716846	5750491	0.80	cps
Barium	137-1	9742743	9656132	9658861	9685912	0.51	cps
Beryllium	9-1	1455064	1450231	1422236	1442510	1.23	cps
Bismuth	209-1	4566891	4696257	4519320	4594156	1.99	cps
Bismuth	209-2	3106002	3118696	3097388	3107362	0.34	cps
Boron	10-1	128928	135027	139684	134546	4.01	cps
Boron	11-1	629633	653012	670713	651119	3.16	cps
Bromine	81-1	24116	22842	23233	23397	2.79	cps
Cadmium	111-1	1192144	1189032	1180623	1187266	0.50	cps
Cadmium	106-1	134751	135219	132214	134061	1.21	cps
Cadmium	108-1	89367	88298	88918	88861	0.60	cps
Calcium	43-1	1975519	2037294	1956189	1989667	2.13	cps
Calcium	44-1	31734193	32078373	31102439	31638335	1.56	cps
Carbon	12-1	7412679	7444532	7725254	7527489	2.29	cps
Carbon	12-2	78719	76483	78912	78038	1.73	cps
Chlorine	35-1	1944261	1871686	1829639	1881862	3.08	cps
Chlorine	35-2	12189	12823	11688	12233	4.65	cps
Chromium	52-2	1830226	1831558	1787580	1816455	1.38	cps
Cobalt	59-2	3087365	3137168	3151340	3125291	1.08	cps
Copper	63-1	68914427	69610734	68375464	68966875	0.90	cps
Dysprosium	156-1	217	283	233	244	14.19	cps
Dysprosium	156-2	83	133	90	102	26.56	cps
Erbium	164-1	17	100	75	64	66.93	cps
Erbium	164-2	47	47	40	44	8.66	cps
Gadolinium	160-1	167	308	175	217	36.69	cps
Gadolinium	160-2	133	163	153	150	10.18	cps
Holmium	165-1	8448093	8568721	8607266	8541360	0.97	cps
Holmium	165-2	4609738	4697182	4596734	4634551	1.18	cps
Indium	115-1	8283769	8389949	8373346	8349021	0.68	cps
Indium	115-2	1482113	1405000	1396595	1427902	3.30	cps
Iron	54-2	3964062	3938514	3930815	3944464	0.44	cps
Iron	56-2	70306256	70492795	68873257	69890769	1.27	cps
Iron	57-2	1793089	1807292	1804399	1801593	0.42	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BS	Instrumnet Name :	P8
Client Sample ID :	PB139911BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:31:24	DataFile Name :	026LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	920	847	880	4.22	cps
Lead	206-1	13975859	13712344	13997479	13895227	1.14	cps
Lead	207-1	11883879	11967757	11990215	11947283	0.47	cps
Lead	208-1	54864506	54965454	54483168	54771043	0.46	cps
Lithium	6-1	3862580	3883060	3848108	3864583	0.45	cps
Magnesium	24-2	13373252	13188371	12989445	13183689	1.46	cps
Manganese	55-2	9013271	9029338	8701293	8914634	2.07	cps
Molybdenum	94-1	11628195	11257289	11308457	11397980	1.76	cps
Molybdenum	95-1	14215418	13738189	13935463	13963023	1.72	cps
Molybdenum	96-1	15881898	15432341	15607531	15640590	1.45	cps
Molybdenum	97-1	8544123	8555135	8592941	8564066	0.30	cps
Molybdenum	98-1	22334273	22511707	22396293	22414091	0.40	cps
Neodymium	150-1	253	127	247	209	34.13	cps
Neodymium	150-2	30	17	43	30	44.43	cps
Nickel	60-2	829116	821879	820549	823848	0.56	cps
Phosphorus	31-2	49694	47620	46049	47788	3.83	cps
Potassium	39-2	5217424	5216643	5152034	5195367	0.72	cps
Rhodium	103-1	8283094	8289820	8324942	8299285	0.27	cps
Rhodium	103-2	4230025	4124851	4144559	4166479	1.34	cps
Scandium	45-1	7041734	7184509	6939056	7055099	1.75	cps
Scandium	45-2	242628	240014	235890	239510	1.42	cps
Selenium	82-1	96580	96433	95103	96039	0.85	cps
Selenium	77-2	3250	3234	3137	3207	1.91	cps
Selenium	78-2	10817	10733	10862	10804	0.61	cps
Silicon	28-1	5124379	5278094	5742853	5381775	5.98	cps
Silver	107-1	6408778	6380408	6189670	6326285	1.88	cps
Silver	109-1	6065562	5922474	5943187	5977074	1.29	cps
Sodium	23-2	26050526	25376831	25415573	25614310	1.48	cps
Strontium	86-1	19017538	18761156	18702896	18827197	0.89	cps
Strontium	88-1	162906183	160720504	157657399	160428029	1.64	cps
Sulfur	34-1	1061958	1065552	1047506	1058339	0.90	cps
Terbium	159-1	9508394	9312545	9134629	9318523	2.01	cps
Terbium	159-2	4891181	4929119	4835413	4885238	0.96	cps
Thallium	203-1	3498956	3505616	3548947	3517840	0.77	cps
Thallium	205-1	8123661	7748353	8088830	7986948	2.60	cps
Tin	118-1	4052379	4052169	4124529	4076359	1.02	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	PB139911BS	Instrumnet Name :	P8
Client Sample ID :	PB139911BS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:31:24	DataFile Name :	026LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4640889	4719008	4687826	4682574	0.84	cps
Uranium	238-1	9560217	9447413	9452053	9486561	0.67	cps
Vanadium	51-2	1451788	1426533	1415212	1431178	1.31	cps
Ytterbium	172-1	58	17	67	47	56.72	cps
Ytterbium	172-2	0	28	22	17	88.19	cps
Ytterbium	176-1	15384	15435	16085	15635	2.50	cps
Ytterbium	176-2	11277	11839	11655	11590	2.47	cps
Yttrium	89-1	23087959	22193603	22273453	22518338	2.20	cps
Yttrium	89-2	2636584	2613080	2576524	2608729	1.16	cps
Zinc	66-2	2658446	2649827	2655204	2654492	0.16	cps
Zirconium	90-1	10151895	9724456	9953039	9943130	2.15	cps
Zirconium	91-1	2285368	2235308	2224280	2248319	1.45	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01	Instrumnet Name :	P8
Client Sample ID :	211007077-01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:44:34	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270	902	1006	1060	17.88	cps
Antimony	121-1	483	467	875	608	37.99	cps
Arsenic	75-2	21	25	18	21	16.46	cps
Barium	135-1	180599	186195	189568	185454	2.44	cps
Barium	137-1	316189	308097	325022	316436	2.68	cps
Beryllium	9-1	216	232	338	262	25.31	cps
Bismuth	209-1	4703391	4783465	4872139	4786332	1.76	cps
Bismuth	209-2	3395070	3352040	3239034	3328715	2.42	cps
Boron	10-1	11620	12631	13121	12458	6.14	cps
Boron	11-1	55929	58555	60944	58476	4.29	cps
Bromine	81-1	30515	30023	32431	30990	4.10	cps
Cadmium	111-1	3537	3804	3765	3702	3.89	cps
Cadmium	106-1	5009	5318	5209	5179	3.02	cps
Cadmium	108-1	33	21	33	29	24.75	cps
Calcium	43-1	786266	798183	803786	796078	1.12	cps
Calcium	44-1	13384811	13483372	13373022	13413735	0.45	cps
Carbon	12-1	13851212	15591444	16232189	15224948	8.09	cps
Carbon	12-2	176005	182363	185395	181254	2.64	cps
Chlorine	35-1	2293988	2265897	2268860	2276249	0.68	cps
Chlorine	35-2	15517	15918	14583	15339	4.47	cps
Chromium	52-2	2154	1917	1850	1973	8.08	cps
Cobalt	59-2	423	287	283	331	24.13	cps
Copper	63-1	20142	20587	23282	21337	7.96	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	13	3	17	11	62.48	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	47	37	23	36	32.93	cps
Gadolinium	160-1	83	50	67	67	25.00	cps
Gadolinium	160-2	43	103	67	71	42.54	cps
Holmium	165-1	8281649	9034645	8899403	8738566	4.59	cps
Holmium	165-2	4936999	4835368	5090738	4954369	2.60	cps
Indium	115-1	8577136	9094974	8840309	8837473	2.93	cps
Indium	115-2	1554843	1580772	1538597	1558071	1.37	cps
Iron	54-2	1165988	1160759	1199421	1175390	1.78	cps
Iron	56-2	22442014	22372299	22027165	22280493	1.00	cps
Iron	57-2	533329	539205	526228	532921	1.22	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01	Instrumnet Name :	P8
Client Sample ID :	211007077-01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:44:34	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	837	890	853	3.73	cps
Lead	206-1	2072	1906	2734	2237	19.57	cps
Lead	207-1	1728	1539	2206	1824	18.84	cps
Lead	208-1	8374	7873	10747	8998	17.06	cps
Lithium	6-1	3834462	3920496	3939266	3898074	1.43	cps
Magnesium	24-2	994591	988048	1001403	994681	0.67	cps
Manganese	55-2	193894	194077	196592	194854	0.77	cps
Molybdenum	94-1	1067	975	1442	1161	21.30	cps
Molybdenum	95-1	800	650	1550	1000	48.22	cps
Molybdenum	96-1	1550	1475	2242	1756	24.08	cps
Molybdenum	97-1	833	450	1025	770	38.05	cps
Molybdenum	98-1	1567	1150	2509	1742	39.97	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	570	647	703	640	10.46	cps
Phosphorus	31-2	342	342	292	325	8.88	cps
Potassium	39-2	1095493	1120209	1135631	1117111	1.81	cps
Rhodium	103-1	8361278	8780118	8669807	8603734	2.52	cps
Rhodium	103-2	4484429	4467188	4511470	4487696	0.50	cps
Scandium	45-1	7232690	7429401	7141521	7267870	2.02	cps
Scandium	45-2	251752	255990	254284	254009	0.84	cps
Selenium	82-1	59	62	23	48	45.80	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	78	86	82	82	4.88	cps
Silicon	28-1	34937074	36108382	35646808	35564088	1.66	cps
Silver	107-1	467	375	342	394	16.41	cps
Silver	109-1	333	225	358	306	23.20	cps
Sodium	23-2	3246957	3296219	3318496	3287224	1.11	cps
Strontium	86-1	3932165	4151532	4070112	4051269	2.74	cps
Strontium	88-1	32860189	34739804	33858472	33819488	2.78	cps
Sulfur	34-1	994446	1016383	998747	1003192	1.16	cps
Terbium	159-1	9148519	9306543	9523135	9326066	2.02	cps
Terbium	159-2	4898717	4944995	4996584	4946766	0.99	cps
Thallium	203-1	742	592	625	653	12.07	cps
Thallium	205-1	1508	1142	1625	1425	17.70	cps
Tin	118-1	1800	1800	2284	1961	14.23	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01	Instrumnet Name :	P8
Client Sample ID :	211007077-01	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:44:34	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	983	908	1400	1097	24.14	cps
Uranium	238-1	450	392	1184	675	65.37	cps
Vanadium	51-2	207	110	127	148	34.97	cps
Ytterbium	172-1	8	58	33	33	75.02	cps
Ytterbium	172-2	44	28	6	26	75.24	cps
Ytterbium	176-1	942	958	983	961	2.18	cps
Ytterbium	176-2	3573	3723	3723	3673	2.36	cps
Yttrium	89-1	22409290	23211674	23601369	23074111	2.63	cps
Yttrium	89-2	2780059	2823473	2825104	2809546	0.91	cps
Zinc	66-2	3687	3330	3350	3456	5.80	cps
Zirconium	90-1	1558	1467	2084	1703	19.54	cps
Zirconium	91-1	442	158	592	397	55.40	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01DUP	Instrumnet Name :	P8
Client Sample ID :	211007077-01DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:47:30	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	769	676	634	693	9.96	cps
Antimony	121-1	342	300	425	356	17.90	cps
Arsenic	75-2	20	14	13	16	24.17	cps
Barium	135-1	187676	183503	181102	184094	1.81	cps
Barium	137-1	316175	330823	320379	322459	2.34	cps
Beryllium	9-1	192	198	212	201	5.12	cps
Bismuth	209-1	4728095	4731203	4744669	4734656	0.19	cps
Bismuth	209-2	3358387	3237260	3327262	3307637	1.90	cps
Boron	10-1	12369	13087	12979	12812	3.02	cps
Boron	11-1	58659	62097	61239	60665	2.95	cps
Bromine	81-1	31227	34147	35452	33608	6.44	cps
Cadmium	111-1	3998	3903	4083	3994	2.26	cps
Cadmium	106-1	5626	5535	5743	5635	1.85	cps
Cadmium	108-1	58	25	29	38	48.43	cps
Calcium	43-1	792709	797065	788243	792673	0.56	cps
Calcium	44-1	12955467	13083163	13061784	13033471	0.52	cps
Carbon	12-1	16475599	16967382	17592005	17011662	3.29	cps
Carbon	12-2	187774	190738	195946	191486	2.16	cps
Chlorine	35-1	2185318	2171888	2071466	2142891	2.90	cps
Chlorine	35-2	14433	14716	13932	14360	2.76	cps
Chromium	52-2	1693	1743	1930	1789	6.97	cps
Cobalt	59-2	203	133	113	150	31.50	cps
Copper	63-1	19978	19313	19014	19435	2.54	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	20	17	0	12	87.67	cps
Erbium	164-1	58	50	92	67	33.08	cps
Erbium	164-2	17	7	27	17	59.99	cps
Gadolinium	160-1	100	133	67	100	33.33	cps
Gadolinium	160-2	70	57	47	58	20.26	cps
Holmium	165-1	9001888	8756183	8654313	8804128	2.03	cps
Holmium	165-2	5058062	4677491	4609701	4781751	5.05	cps
Indium	115-1	9016413	8693733	8705229	8805125	2.08	cps
Indium	115-2	1572838	1525669	1496431	1531646	2.52	cps
Iron	54-2	1188903	1192643	1181299	1187615	0.49	cps
Iron	56-2	22225176	22801117	22353148	22459814	1.35	cps
Iron	57-2	538558	542268	539349	540058	0.36	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01DUP	Instrumnet Name :	P8
Client Sample ID :	211007077-01DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:47:30	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	997	873	773	881	12.70	cps
Lead	206-1	1922	2056	1683	1887	10.00	cps
Lead	207-1	1528	1500	1539	1522	1.32	cps
Lead	208-1	7657	7457	6862	7325	5.64	cps
Lithium	6-1	3803547	3850101	3838165	3830605	0.63	cps
Magnesium	24-2	981388	1002107	985960	989818	1.10	cps
Manganese	55-2	197844	199561	195695	197700	0.98	cps
Molybdenum	94-1	883	867	800	850	5.19	cps
Molybdenum	95-1	717	642	625	661	7.39	cps
Molybdenum	96-1	1117	1117	1200	1145	4.20	cps
Molybdenum	97-1	458	358	375	397	13.49	cps
Molybdenum	98-1	1075	833	967	958	12.63	cps
Neodymium	150-1	20	40	27	29	35.25	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	607	657	630	631	3.96	cps
Phosphorus	31-2	333	200	358	297	28.64	cps
Potassium	39-2	1129769	1141555	1128531	1133285	0.63	cps
Rhodium	103-1	8706708	8566393	8602319	8625140	0.85	cps
Rhodium	103-2	4530356	4387043	4259483	4392294	3.09	cps
Scandium	45-1	7040148	7243679	7065312	7116380	1.56	cps
Scandium	45-2	250073	241416	240124	243871	2.22	cps
Selenium	82-1	-69	75	213	73	192.31	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	79	96	67	81	18.06	cps
Silicon	28-1	36852219	36388390	35445190	36228600	1.98	cps
Silver	107-1	367	358	425	383	9.48	cps
Silver	109-1	242	283	333	286	16.04	cps
Sodium	23-2	3218416	3223147	3182302	3207955	0.70	cps
Strontium	86-1	3978681	4009267	3907319	3965089	1.32	cps
Strontium	88-1	34462977	34182762	33688913	34111551	1.15	cps
Sulfur	34-1	1034997	1027727	1027728	1030150	0.41	cps
Terbium	159-1	9362409	9526145	9374286	9420947	0.97	cps
Terbium	159-2	4997551	4788715	4604313	4796860	4.10	cps
Thallium	203-1	525	525	517	522	0.92	cps
Thallium	205-1	1192	1033	1017	1081	8.94	cps
Tin	118-1	2050	2009	1975	2011	1.87	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01DUP	Instrumnet Name :	P8
Client Sample ID :	211007077-01DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 15:47:30	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1067	900	942	970	8.95	cps
Uranium	238-1	308	417	258	328	24.69	cps
Vanadium	51-2	107	90	87	94	11.35	cps
Ytterbium	172-1	17	25	33	25	33.32	cps
Ytterbium	172-2	28	0	11	13	107.86	cps
Ytterbium	176-1	1067	875	1133	1025	13.08	cps
Ytterbium	176-2	3673	3945	3662	3760	4.27	cps
Yttrium	89-1	23826973	23290652	22979047	23365557	1.84	cps
Yttrium	89-2	2806344	2710494	2607803	2708214	3.67	cps
Zinc	66-2	3344	3334	3207	3295	2.31	cps
Zirconium	90-1	1250	1417	1200	1289	8.80	cps
Zirconium	91-1	267	342	300	303	12.41	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01LX5	Instrumnet Name :	P8
Client Sample ID :	211007077-01L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-15 15:50:29	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	634	322	450	469	33.40	cps
Antimony	121-1	333	333	367	344	5.59	cps
Arsenic	75-2	13	11	18	14	25.75	cps
Barium	135-1	36742	36299	35806	36283	1.29	cps
Barium	137-1	62998	63701	62395	63031	1.04	cps
Beryllium	9-1	176	178	120	158	20.84	cps
Bismuth	209-1	4896453	4822398	4883729	4867527	0.81	cps
Bismuth	209-2	3214040	3212050	3155182	3193757	1.05	cps
Boron	10-1	4742	5132	5008	4961	4.02	cps
Boron	11-1	22393	22697	23662	22917	2.89	cps
Bromine	81-1	26111	26281	26763	26385	1.28	cps
Cadmium	111-1	4184	4200	3685	4023	7.29	cps
Cadmium	106-1	5918	5918	5243	5693	6.85	cps
Cadmium	108-1	54	25	63	47	41.70	cps
Calcium	43-1	161663	157840	157193	158899	1.52	cps
Calcium	44-1	2679534	2702888	2637622	2673348	1.24	cps
Carbon	12-1	8656410	9272370	9169333	9032704	3.65	cps
Carbon	12-2	88635	91417	90059	90037	1.55	cps
Chlorine	35-1	2159536	2017400	1972891	2049942	4.76	cps
Chlorine	35-2	12748	13348	12848	12981	2.48	cps
Chromium	52-2	1170	1050	1120	1113	5.41	cps
Cobalt	59-2	140	53	117	103	43.40	cps
Copper	63-1	11172	10796	9200	10389	10.08	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	50	75	92	72	29.04	cps
Erbium	164-2	43	23	23	30	38.49	cps
Gadolinium	160-1	58	108	67	78	34.45	cps
Gadolinium	160-2	63	87	70	73	16.39	cps
Holmium	165-1	8945182	9039330	8262313	8748942	4.85	cps
Holmium	165-2	4384587	4677621	4702687	4588298	3.85	cps
Indium	115-1	8934424	8892303	9061038	8962588	0.98	cps
Indium	115-2	1425211	1448322	1495321	1456285	2.45	cps
Iron	54-2	219872	223091	225850	222938	1.34	cps
Iron	56-2	4243993	4290792	4301960	4278915	0.72	cps
Iron	57-2	99937	99763	103887	101196	2.30	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01LX5	Instrumnet Name :	P8
Client Sample ID :	211007077-01L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-15 15:50:29	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	913	1060	970	981	7.54	cps
Lead	206-1	1567	2022	1645	1745	13.97	cps
Lead	207-1	1678	1745	1461	1628	9.10	cps
Lead	208-1	6923	7518	6434	6958	7.80	cps
Lithium	6-1	4040908	3885585	3879263	3935252	2.33	cps
Magnesium	24-2	186324	188487	192842	189218	1.75	cps
Manganese	55-2	37720	37797	37272	37596	0.75	cps
Molybdenum	94-1	925	1092	508	842	35.70	cps
Molybdenum	95-1	833	1100	758	897	20.02	cps
Molybdenum	96-1	1217	1325	633	1059	35.16	cps
Molybdenum	97-1	617	667	333	539	33.36	cps
Molybdenum	98-1	1909	1650	642	1400	47.81	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	950	1013	963	976	3.42	cps
Phosphorus	31-2	175	108	150	144	23.32	cps
Potassium	39-2	230343	230243	237256	232614	1.73	cps
Rhodium	103-1	8950316	8756053	8512291	8739553	2.51	cps
Rhodium	103-2	4216391	4325206	4308368	4283321	1.37	cps
Scandium	45-1	7389907	7227722	7094125	7237251	2.05	cps
Scandium	45-2	233363	239390	243642	238798	2.16	cps
Selenium	82-1	14	-135	-69	-64	-117.74	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	70	75	84	76	9.29	cps
Silicon	28-1	7588287	7686609	7507660	7594185	1.18	cps
Silver	107-1	508	425	342	425	19.61	cps
Silver	109-1	317	300	275	297	7.06	cps
Sodium	23-2	622479	630804	652304	635196	2.42	cps
Strontium	86-1	800889	778682	759611	779727	2.65	cps
Strontium	88-1	6825995	6794539	6743673	6788069	0.61	cps
Sulfur	34-1	603013	606287	607681	605660	0.40	cps
Terbium	159-1	9414304	9327232	9168120	9303219	1.34	cps
Terbium	159-2	4557761	4707089	4962569	4742473	4.32	cps
Thallium	203-1	500	517	417	478	11.22	cps
Thallium	205-1	1267	1225	1175	1222	3.76	cps
Tin	118-1	1892	1817	1592	1767	8.84	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01LX5	Instrumnet Name :	P8
Client Sample ID :	211007077-01L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-15 15:50:29	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	617	583	492	564	11.48	cps
Uranium	238-1	600	667	225	497	47.89	cps
Vanadium	51-2	60	27	47	44	37.74	cps
Ytterbium	172-1	33	8	25	22	57.29	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	1000	1175	1050	1075	8.38	cps
Ytterbium	176-2	3150	3589	3634	3458	7.73	cps
Yttrium	89-1	23894209	23858535	22893720	23548821	2.41	cps
Yttrium	89-2	2611698	2599679	2673190	2628189	1.50	cps
Zinc	66-2	1593	1510	1567	1557	2.73	cps
Zirconium	90-1	1283	1192	1050	1175	10.01	cps
Zirconium	91-1	317	267	242	275	13.89	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:01:31	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4327452	4437168	4243437	4336019	2.24	cps
Antimony	121-1	4401861	4480405	4438455	4440241	0.89	cps
Arsenic	75-2	158444	157662	158265	158124	0.26	cps
Barium	135-1	5636991	5649155	5622373	5636173	0.24	cps
Barium	137-1	9645811	9545275	9583202	9591429	0.53	cps
Beryllium	9-1	1391958	1393628	1393072	1392886	0.06	cps
Bismuth	209-1	4314356	4495124	4368631	4392703	2.11	cps
Bismuth	209-2	2999206	2913895	3025047	2979383	1.95	cps
Boron	10-1	145247	151035	152050	149444	2.46	cps
Boron	11-1	681872	711106	736665	709881	3.86	cps
Bromine	81-1	22642	24658	23755	23685	4.26	cps
Cadmium	111-1	1179930	1211658	1164559	1185382	2.03	cps
Cadmium	106-1	127646	136235	131199	131693	3.28	cps
Cadmium	108-1	87307	86859	87903	87357	0.60	cps
Calcium	43-1	9229043	8992924	9114741	9112236	1.30	cps
Calcium	44-1	148529704	144558035	150913331	148000357	2.17	cps
Carbon	12-1	7726938	8095413	7914523	7912291	2.33	cps
Carbon	12-2	87351	88508	88820	88226	0.88	cps
Chlorine	35-1	1957396	1884923	1817312	1886544	3.71	cps
Chlorine	35-2	11914	11947	11438	11766	2.42	cps
Chromium	52-2	1785214	1768747	1733890	1762617	1.49	cps
Cobalt	59-2	3036736	3004013	3022415	3021055	0.54	cps
Copper	63-1	64040684	63365342	62835603	63413876	0.95	cps
Dysprosium	156-1	725	817	642	728	12.03	cps
Dysprosium	156-2	427	370	383	393	7.53	cps
Erbium	164-1	183	250	133	189	30.99	cps
Erbium	164-2	97	83	90	90	7.41	cps
Gadolinium	160-1	742	733	850	775	8.40	cps
Gadolinium	160-2	460	387	480	442	11.11	cps
Holmium	165-1	8516556	8632716	8483654	8544308	0.92	cps
Holmium	165-2	4706584	4521794	4818504	4682294	3.20	cps
Indium	115-1	7877930	8176699	7984170	8012933	1.89	cps
Indium	115-2	1364781	1362146	1377213	1368047	0.59	cps
Iron	54-2	18037031	18005001	18195955	18079329	0.57	cps
Iron	56-2	326742874	326759307	327118196	326873459	0.06	cps
Iron	57-2	8199272	8276044	8245046	8240120	0.47	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:01:31	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	980	973	989	2.17	cps
Lead	206-1	13466394	14013933	13571793	13684040	2.12	cps
Lead	207-1	11874919	11969937	11642462	11829106	1.42	cps
Lead	208-1	54031060	54610866	53227623	53956516	1.29	cps
Lithium	6-1	3761730	3716011	3621296	3699679	1.94	cps
Magnesium	24-2	62424860	63140291	62752218	62772456	0.57	cps
Manganese	55-2	8570226	8536228	8446554	8517669	0.75	cps
Molybdenum	94-1	11265270	11315658	11019879	11200269	1.41	cps
Molybdenum	95-1	13828392	13759085	13601877	13729785	0.85	cps
Molybdenum	96-1	15489301	15250752	15442321	15394125	0.82	cps
Molybdenum	97-1	8439142	8466207	8602800	8502716	1.03	cps
Molybdenum	98-1	21594663	21975506	21691315	21753828	0.91	cps
Neodymium	150-1	293	260	253	269	7.97	cps
Neodymium	150-2	33	37	50	40	22.05	cps
Nickel	60-2	821426	811199	823113	818579	0.79	cps
Phosphorus	31-2	47428	45748	46383	46520	1.82	cps
Potassium	39-2	25163542	25052402	25365303	25193749	0.63	cps
Rhodium	103-1	7550369	7826617	7654689	7677225	1.82	cps
Rhodium	103-2	3902215	3919211	3946743	3922723	0.57	cps
Scandium	45-1	6845936	6813038	6845781	6834918	0.28	cps
Scandium	45-2	234867	231640	234091	233532	0.72	cps
Selenium	82-1	94060	94580	94265	94302	0.28	cps
Selenium	77-2	3207	3244	3130	3194	1.81	cps
Selenium	78-2	10797	10729	10927	10818	0.93	cps
Silicon	28-1	4924160	5140447	5022123	5028910	2.15	cps
Silver	107-1	5761857	5953586	5983972	5899805	2.04	cps
Silver	109-1	5606459	5640102	5467999	5571520	1.64	cps
Sodium	23-2	122832165	121286644	122967411	122362074	0.76	cps
Strontium	86-1	17901972	18297837	18008335	18069381	1.13	cps
Strontium	88-1	151375112	156074212	156874795	154774706	1.92	cps
Sulfur	34-1	1005764	1029467	986949	1007393	2.11	cps
Terbium	159-1	8903929	9201864	9125617	9077137	1.71	cps
Terbium	159-2	4833351	4745119	4687819	4755429	1.54	cps
Thallium	203-1	3351310	3397471	3316622	3355134	1.21	cps
Thallium	205-1	7767340	7935404	7567453	7756732	2.37	cps
Tin	118-1	3861936	3935187	3863666	3886930	1.08	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:01:31	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4657305	4515352	4458791	4543816	2.25	cps
Uranium	238-1	9637758	9780306	9545888	9654651	1.22	cps
Vanadium	51-2	1420425	1369013	1416389	1401942	2.04	cps
Ytterbium	172-1	67	100	58	75	29.39	cps
Ytterbium	172-2	33	50	61	48	29.04	cps
Ytterbium	176-1	15376	14250	15042	14889	3.89	cps
Ytterbium	176-2	11928	11828	11872	11876	0.42	cps
Yttrium	89-1	21973806	21556907	21407633	21646115	1.36	cps
Yttrium	89-2	2597998	2573029	2572979	2581335	0.56	cps
Zinc	66-2	2451704	2451670	2456482	2453285	0.11	cps
Zirconium	90-1	9804721	9742036	9729081	9758613	0.41	cps
Zirconium	91-1	2196815	2254148	2166820	2205928	2.01	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P8
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 16:11:13 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306	384	380	357	12.25	cps
Antimony	121-1	392	758	817	656	35.14	cps
Arsenic	75-2	18	19	16	18	8.65	cps
Barium	135-1	200	192	200	197	2.44	cps
Barium	137-1	342	358	242	314	20.10	cps
Beryllium	9-1	158	152	122	144	13.39	cps
Bismuth	209-1	4962513	5075872	5285019	5107802	3.20	cps
Bismuth	209-2	3382119	3287465	3385943	3351843	1.66	cps
Boron	10-1	5150	5026	5084	5087	1.22	cps
Boron	11-1	23566	23648	23702	23639	0.29	cps
Bromine	81-1	22511	23624	23565	23233	2.69	cps
Cadmium	111-1	3718	3974	3966	3886	3.74	cps
Cadmium	106-1	5260	5601	5643	5501	3.82	cps
Cadmium	108-1	25	38	38	33	21.65	cps
Calcium	43-1	701	702	676	693	2.14	cps
Calcium	44-1	55297	55834	56412	55848	1.00	cps
Carbon	12-1	6378251	6513304	6346763	6412772	1.38	cps
Carbon	12-2	64450	64710	63731	64297	0.79	cps
Chlorine	35-1	2616895	2712968	2730631	2686831	2.28	cps
Chlorine	35-2	19956	20306	20390	20217	1.14	cps
Chromium	52-2	1010	1087	1090	1062	4.26	cps
Cobalt	59-2	153	183	183	173	9.99	cps
Copper	63-1	6431	7032	7217	6893	5.96	cps
Dysprosium	156-1	0	25	33	19	89.21	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	67	25	39	61.86	cps
Erbium	164-2	23	33	23	27	21.65	cps
Gadolinium	160-1	33	75	50	53	39.74	cps
Gadolinium	160-2	40	43	53	46	15.23	cps
Holmium	165-1	8617576	8982751	9629065	9076464	5.64	cps
Holmium	165-2	4952164	4950022	4869818	4924001	0.95	cps
Indium	115-1	8548793	9210735	9278724	9012751	4.47	cps
Indium	115-2	1632222	1601004	1600472	1611233	1.13	cps
Iron	54-2	1356	1583	1417	1452	8.12	cps
Iron	56-2	15133	21624	21864	19540	19.54	cps
Iron	57-2	561	567	694	607	12.42	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:11:13	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	913	1017	857	929	8.73	cps
Lead	206-1	2045	1683	1856	1861	9.71	cps
Lead	207-1	1561	1611	1656	1609	2.94	cps
Lead	208-1	7340	7584	7351	7425	1.86	cps
Lithium	6-1	3756211	4072063	4050570	3959614	4.46	cps
Magnesium	24-2	1984	2559	2751	2431	16.42	cps
Manganese	55-2	327	457	447	410	17.65	cps
Molybdenum	94-1	583	667	775	675	14.24	cps
Molybdenum	95-1	458	592	783	611	26.73	cps
Molybdenum	96-1	600	775	817	731	15.74	cps
Molybdenum	97-1	267	325	508	367	34.39	cps
Molybdenum	98-1	775	1000	1183	986	20.74	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	210	243	210	221	8.71	cps
Phosphorus	31-2	133	108	150	131	16.06	cps
Potassium	39-2	25064	27043	26174	26094	3.80	cps
Rhodium	103-1	8671809	9187027	9410490	9089775	4.17	cps
Rhodium	103-2	4539948	4501091	4462288	4501109	0.86	cps
Scandium	45-1	7176172	7331607	7656468	7388082	3.32	cps
Scandium	45-2	248185	251024	251316	250175	0.69	cps
Selenium	82-1	-7	-92	96	-1	-10498.70	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	86	91	81	86	5.81	cps
Silicon	28-1	618448	609903	612226	613526	0.72	cps
Silver	107-1	275	275	250	267	5.41	cps
Silver	109-1	242	192	142	192	26.09	cps
Sodium	23-2	34601	35118	36546	35422	2.84	cps
Strontium	86-1	1967	2092	2100	2053	3.64	cps
Strontium	88-1	3837	4160	5869	4622	23.62	cps
Sulfur	34-1	482707	480076	486387	483056	0.66	cps
Terbium	159-1	9394739	9560180	9720489	9558469	1.70	cps
Terbium	159-2	4950251	4891509	4956894	4932885	0.73	cps
Thallium	203-1	725	767	833	775	7.05	cps
Thallium	205-1	1942	2084	1742	1922	8.93	cps
Tin	118-1	1867	1709	1892	1822	5.46	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:11:13	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	325	433	350	21.16	cps
Uranium	238-1	300	392	317	336	14.53	cps
Vanadium	51-2	57	90	90	79	24.39	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	39	11	22	24	58.08	cps
Ytterbium	176-1	1008	1042	1175	1075	8.20	cps
Ytterbium	176-2	3512	3828	3884	3741	5.37	cps
Yttrium	89-1	23008191	23580366	25253751	23947436	4.87	cps
Yttrium	89-2	2719949	2741623	2722546	2728039	0.43	cps
Zinc	66-2	1100	1110	1157	1122	2.70	cps
Zirconium	90-1	1375	1342	1508	1408	6.26	cps
Zirconium	91-1	233	192	317	247	25.75	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : M4148-01MS Instrumnet Name : P8
 Client Sample ID : 211007077-01MS Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 16:14:14 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	882169	877464	878476	879370	0.28	cps
Antimony	121-1	4575226	4629707	4659371	4621435	0.92	cps
Arsenic	75-2	173449	171434	171839	172241	0.62	cps
Barium	135-1	5777103	5942445	5955351	5891633	1.69	cps
Barium	137-1	9698449	9959295	10133093	9930279	2.20	cps
Beryllium	9-1	1451169	1442306	1452059	1448512	0.37	cps
Bismuth	209-1	4570663	4729385	4573576	4624541	1.96	cps
Bismuth	209-2	3093742	3193836	2859551	3049043	5.63	cps
Boron	10-1	140215	150139	156773	149042	5.59	cps
Boron	11-1	666699	711244	735909	704617	4.98	cps
Bromine	81-1	27585	28508	30385	28826	4.95	cps
Cadmium	111-1	1203523	1186048	1222832	1204135	1.53	cps
Cadmium	106-1	135937	139345	135238	136840	1.61	cps
Cadmium	108-1	87035	88214	88721	87990	0.98	cps
Calcium	43-1	2664715	2751531	2724827	2713691	1.64	cps
Calcium	44-1	42246169	43662660	44753755	43554195	2.89	cps
Carbon	12-1	13336345	14431821	15300228	14356131	6.86	cps
Carbon	12-2	174529	174553	174933	174672	0.13	cps
Chlorine	35-1	2476978	2517755	2449977	2481570	1.37	cps
Chlorine	35-2	17311	16894	15717	16641	4.97	cps
Chromium	52-2	1890840	1879758	1929883	1900160	1.39	cps
Cobalt	59-2	3402320	3375462	3248303	3342028	2.46	cps
Copper	63-1	76744738	76143499	77877812	76922016	1.14	cps
Dysprosium	156-1	242	92	225	186	44.18	cps
Dysprosium	156-2	107	130	107	114	11.77	cps
Erbium	164-1	83	117	58	86	33.98	cps
Erbium	164-2	50	53	47	50	6.66	cps
Gadolinium	160-1	225	242	242	236	4.08	cps
Gadolinium	160-2	143	173	163	160	9.55	cps
Holmium	165-1	8659811	8672057	8520969	8617612	0.97	cps
Holmium	165-2	4721676	4808825	4382334	4637611	4.86	cps
Indium	115-1	8356778	8444689	8356182	8385883	0.61	cps
Indium	115-2	1543139	1504711	1348055	1465302	7.05	cps
Iron	54-2	5226967	5175199	5298281	5233482	1.18	cps
Iron	56-2	96070208	94530780	92406647	94335878	1.95	cps
Iron	57-2	2405519	2435314	2380551	2407128	1.14	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MS	Instrumnet Name :	P8
Client Sample ID :	211007077-01MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:14:14	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	1070	837	993	13.66	cps
Lead	206-1	13666401	13981165	14477435	14041667	2.91	cps
Lead	207-1	11743277	12180821	12525154	12149751	3.23	cps
Lead	208-1	53385166	55843884	56503897	55244316	2.98	cps
Lithium	6-1	3851166	3809453	3827419	3829346	0.55	cps
Magnesium	24-2	14512523	14187909	14219952	14306795	1.25	cps
Manganese	55-2	10582088	10212065	10386957	10393703	1.78	cps
Molybdenum	94-1	10985820	11419858	11400598	11268759	2.18	cps
Molybdenum	95-1	13212048	13750949	13878319	13613772	2.60	cps
Molybdenum	96-1	15254203	15443211	15348181	15348531	0.62	cps
Molybdenum	97-1	8339730	8471969	8400328	8404009	0.79	cps
Molybdenum	98-1	21076217	21680886	21676094	21477732	1.62	cps
Neodymium	150-1	253	273	320	282	12.12	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	857203	867802	864053	863019	0.62	cps
Phosphorus	31-2	300	317	267	294	8.65	cps
Potassium	39-2	6479843	6395339	6430446	6435209	0.66	cps
Rhodium	103-1	8064834	8061051	8174169	8100018	0.79	cps
Rhodium	103-2	4320392	4281361	3741505	4114419	7.86	cps
Scandium	45-1	6901695	7153591	7197196	7084161	2.25	cps
Scandium	45-2	247681	245815	222981	238826	5.76	cps
Selenium	82-1	94303	96049	96449	95600	1.19	cps
Selenium	77-2	3414	3257	3084	3252	5.08	cps
Selenium	78-2	11187	11070	11116	11124	0.53	cps
Silicon	28-1	37020015	38312424	36704357	37345599	2.28	cps
Silver	107-1	3449662	3611077	3448096	3502945	2.67	cps
Silver	109-1	3139294	3263390	3336682	3246455	3.07	cps
Sodium	23-2	29341514	28961093	28669519	28990709	1.16	cps
Strontium	86-1	22116197	22806734	22030082	22317671	1.91	cps
Strontium	88-1	187075088	192967025	187115129	189052414	1.79	cps
Sulfur	34-1	957955	978009	937885	957950	2.09	cps
Terbium	159-1	8972905	9190205	9245183	9136098	1.58	cps
Terbium	159-2	4959321	4888589	4564951	4804287	4.38	cps
Thallium	203-1	3499533	3541960	3565945	3535812	0.95	cps
Thallium	205-1	7846812	8107931	8134141	8029628	1.98	cps
Tin	118-1	4023103	4106089	4074541	4067911	1.03	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MS	Instrumnet Name :	P8
Client Sample ID :	211007077-01MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:14:14	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4557243	4698729	4739012	4664995	2.05	cps
Uranium	238-1	9743397	10102330	9475979	9773902	3.22	cps
Vanadium	51-2	1536428	1533064	1544954	1538149	0.40	cps
Ytterbium	172-1	58	50	33	47	26.96	cps
Ytterbium	172-2	50	22	39	37	37.75	cps
Ytterbium	176-1	1058	1158	1000	1072	7.47	cps
Ytterbium	176-2	3489	4001	3467	3652	8.26	cps
Yttrium	89-1	22613743	22698675	22248109	22520176	1.06	cps
Yttrium	89-2	2746151	2679482	2446266	2623966	6.00	cps
Zinc	66-2	2930647	2908569	2950207	2929808	0.71	cps
Zirconium	90-1	9930281	10182366	9936315	10016321	1.44	cps
Zirconium	91-1	2192540	2263521	2301742	2252601	2.46	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MSD	Instrumnet Name :	P8
Client Sample ID :	211007077-01MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:17:10	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	872984	878567	876548	876033	0.32	cps
Antimony	121-1	4579426	4744828	4815865	4713373	2.57	cps
Arsenic	75-2	168659	168165	169420	168748	0.37	cps
Barium	135-1	5916474	5910365	5980898	5935912	0.66	cps
Barium	137-1	10006108	9960082	9775263	9913818	1.23	cps
Beryllium	9-1	1471365	1431991	1448053	1450470	1.36	cps
Bismuth	209-1	4454158	4574963	4476967	4502029	1.43	cps
Bismuth	209-2	3056014	3029285	3016335	3033878	0.67	cps
Boron	10-1	158250	159765	161475	159830	1.01	cps
Boron	11-1	746610	767349	792397	768785	2.98	cps
Bromine	81-1	31939	31889	30465	31431	2.66	cps
Cadmium	111-1	1214603	1207609	1208610	1210274	0.31	cps
Cadmium	106-1	136043	135126	133578	134915	0.92	cps
Cadmium	108-1	88956	91044	88956	89652	1.34	cps
Calcium	43-1	2877440	2761462	2746545	2795149	2.56	cps
Calcium	44-1	43750546	43526516	43701681	43659581	0.27	cps
Carbon	12-1	14333640	15748655	16020145	15367480	5.89	cps
Carbon	12-2	174353	174124	177826	175434	1.18	cps
Chlorine	35-1	2275428	2289230	2261613	2275423	0.61	cps
Chlorine	35-2	16351	16093	15817	16087	1.66	cps
Chromium	52-2	1866850	1875693	1831887	1858143	1.25	cps
Cobalt	59-2	3339220	3308100	3351741	3333020	0.67	cps
Copper	63-1	74371048	74568266	75997335	74978883	1.18	cps
Dysprosium	156-1	200	225	292	239	19.84	cps
Dysprosium	156-2	70	103	117	97	24.87	cps
Erbium	164-1	108	100	83	97	13.09	cps
Erbium	164-2	53	53	33	47	24.75	cps
Gadolinium	160-1	275	225	242	247	10.30	cps
Gadolinium	160-2	123	170	137	143	16.77	cps
Holmium	165-1	8264122	8177645	8306918	8249562	0.80	cps
Holmium	165-2	4610384	4775373	4715709	4700489	1.78	cps
Indium	115-1	7930878	8117126	7975908	8007971	1.21	cps
Indium	115-2	1417298	1390964	1382719	1396993	1.29	cps
Iron	54-2	5105950	5074927	5113746	5098207	0.40	cps
Iron	56-2	93006213	91563413	92623902	92397843	0.81	cps
Iron	57-2	2347651	2337459	2358184	2347765	0.44	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MSD	Instrumnet Name :	P8
Client Sample ID :	211007077-01MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:17:10	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	883	977	833	898	8.10	cps
Lead	206-1	14099519	14432347	14147429	14226432	1.26	cps
Lead	207-1	12409879	12380191	12533878	12441316	0.66	cps
Lead	208-1	56847160	57133052	57233241	57071151	0.35	cps
Lithium	6-1	3651427	3609788	3744483	3668566	1.88	cps
Magnesium	24-2	14234511	14221470	14127637	14194539	0.41	cps
Manganese	55-2	10024328	10044503	9971008	10013280	0.38	cps
Molybdenum	94-1	11410618	11251108	11177000	11279575	1.06	cps
Molybdenum	95-1	13782381	13968007	13739767	13830052	0.88	cps
Molybdenum	96-1	15495862	15439923	15842434	15592740	1.40	cps
Molybdenum	97-1	8571397	8355111	8334928	8420479	1.56	cps
Molybdenum	98-1	21684802	21761733	21492276	21646270	0.64	cps
Neodymium	150-1	313	207	313	278	22.17	cps
Neodymium	150-2	30	17	27	24	28.38	cps
Nickel	60-2	846032	867871	863004	858969	1.33	cps
Phosphorus	31-2	317	183	292	264	26.86	cps
Potassium	39-2	6145457	6483405	6299212	6309358	2.68	cps
Rhodium	103-1	7664787	7864049	7537121	7688653	2.14	cps
Rhodium	103-2	4061701	4018679	4089775	4056718	0.88	cps
Scandium	45-1	6725925	6677884	6711062	6704957	0.37	cps
Scandium	45-2	229221	237792	233324	233445	1.84	cps
Selenium	82-1	96089	96332	96218	96213	0.13	cps
Selenium	77-2	3377	3187	3090	3218	4.53	cps
Selenium	78-2	11055	10971	11058	11028	0.45	cps
Silicon	28-1	37015940	37383825	36243453	36881073	1.58	cps
Silver	107-1	3588252	3462875	3549118	3533415	1.82	cps
Silver	109-1	3364066	3398999	4713433	3825499	20.11	cps
Sodium	23-2	28231291	28615563	28015964	28287606	1.07	cps
Strontium	86-1	23488618	22974792	22895482	23119631	1.39	cps
Strontium	88-1	204820800	199975854	195515338	200103998	2.33	cps
Sulfur	34-1	978874	955926	925471	953424	2.81	cps
Terbium	159-1	8854283	8810130	8955045	8873153	0.84	cps
Terbium	159-2	4506939	4656869	4753221	4639010	2.68	cps
Thallium	203-1	3469003	3596321	3570853	3545392	1.90	cps
Thallium	205-1	7944734	8342152	8194129	8160338	2.46	cps
Tin	118-1	4016234	4191925	4157563	4121907	2.26	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01MSD	Instrumnet Name :	P8
Client Sample ID :	211007077-01MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:17:10	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4500545	4657745	4680045	4612778	2.12	cps
Uranium	238-1	10016876	10088917	9959819	10021871	0.65	cps
Vanadium	51-2	1516464	1500069	1506597	1507710	0.55	cps
Ytterbium	172-1	42	67	67	58	24.74	cps
Ytterbium	172-2	39	33	22	31	26.96	cps
Ytterbium	176-1	1142	1133	1058	1111	4.13	cps
Ytterbium	176-2	3767	3334	3673	3591	6.35	cps
Yttrium	89-1	20972018	21646609	21210549	21276392	1.61	cps
Yttrium	89-2	2502648	2537489	2558230	2532789	1.11	cps
Zinc	66-2	2819290	2817789	2859686	2832255	0.84	cps
Zirconium	90-1	9932752	9824597	9688062	9815137	1.25	cps
Zirconium	91-1	2217438	2238761	2195397	2217199	0.98	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01A	Instrumnet Name :	P8
Client Sample ID :	211007077-01A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:20:04	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	881492	876106	881154	879584	0.34	cps
Antimony	121-1	4557532	4797349	4743114	4699332	2.68	cps
Arsenic	75-2	168415	167511	167837	167921	0.27	cps
Barium	135-1	5872654	6193467	6102878	6056333	2.73	cps
Barium	137-1	10115232	10283538	10460257	10286342	1.68	cps
Beryllium	9-1	1447109	1444668	1480688	1457488	1.38	cps
Bismuth	209-1	4272589	4481306	4346936	4366944	2.42	cps
Bismuth	209-2	3144183	3133204	3199375	3158921	1.12	cps
Boron	10-1	154430	160352	170116	161633	4.90	cps
Boron	11-1	737476	772590	809244	773103	4.64	cps
Bromine	81-1	30454	31277	28579	30103	4.59	cps
Cadmium	111-1	1158062	1205510	1222157	1195243	2.78	cps
Cadmium	106-1	128447	138471	137829	134916	4.16	cps
Cadmium	108-1	88608	90566	90541	89905	1.25	cps
Calcium	43-1	2663835	2751126	2867803	2760922	3.71	cps
Calcium	44-1	41726457	45265019	45815967	44269148	5.01	cps
Carbon	12-1	14674995	15998386	16718383	15797255	6.56	cps
Carbon	12-2	174875	183976	186788	181880	3.42	cps
Chlorine	35-1	2410945	2528786	2456262	2465331	2.41	cps
Chlorine	35-2	16860	15959	16243	16354	2.82	cps
Chromium	52-2	1904649	1874640	1898241	1892510	0.84	cps
Cobalt	59-2	3372521	3357275	3291548	3340448	1.29	cps
Copper	63-1	74613394	77440905	77651553	76568617	2.22	cps
Dysprosium	156-1	250	183	242	225	16.14	cps
Dysprosium	156-2	100	93	97	97	3.44	cps
Erbium	164-1	125	158	67	117	39.77	cps
Erbium	164-2	73	50	67	63	18.98	cps
Gadolinium	160-1	208	167	208	194	12.37	cps
Gadolinium	160-2	150	157	160	156	3.27	cps
Holmium	165-1	8230027	8310246	7758387	8099553	3.68	cps
Holmium	165-2	4765490	4893314	4898818	4852541	1.55	cps
Indium	115-1	7841169	8315994	7505399	7887521	5.16	cps
Indium	115-2	1474976	1487485	1477373	1479944	0.45	cps
Iron	54-2	5269948	5094969	5118996	5161304	1.84	cps
Iron	56-2	93873699	93625141	91906280	93135040	1.15	cps
Iron	57-2	2420441	2389426	2326113	2378660	2.02	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01A	Instrumnet Name :	P8
Client Sample ID :	211007077-01A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:20:04	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	920	927	953	5.46	cps
Lead	206-1	13387207	14282376	14419649	14029744	4.00	cps
Lead	207-1	12045583	12110107	12397304	12184331	1.54	cps
Lead	208-1	54370628	56296573	57877150	56181450	3.13	cps
Lithium	6-1	3701059	3761354	3473068	3645160	4.17	cps
Magnesium	24-2	14211441	14332851	13949082	14164458	1.38	cps
Manganese	55-2	10434117	10052608	10068754	10185160	2.12	cps
Molybdenum	94-1	11379953	11431408	11744503	11518621	1.71	cps
Molybdenum	95-1	14081925	14117706	14652482	14284038	2.24	cps
Molybdenum	96-1	15175891	15908272	16396790	15826984	3.88	cps
Molybdenum	97-1	8216518	8595838	8731598	8514651	3.14	cps
Molybdenum	98-1	21694093	22231984	22527042	22151039	1.91	cps
Neodymium	150-1	200	160	267	209	25.80	cps
Neodymium	150-2	10	17	20	16	32.73	cps
Nickel	60-2	863864	865016	855071	861317	0.63	cps
Phosphorus	31-2	317	383	308	336	12.23	cps
Potassium	39-2	6392004	6282836	6363254	6346031	0.89	cps
Rhodium	103-1	7779976	8112707	7513947	7802210	3.85	cps
Rhodium	103-2	4181543	4194075	4242592	4206070	0.77	cps
Scandium	45-1	6709420	7019489	6655765	6794891	2.89	cps
Scandium	45-2	243465	242641	244522	243543	0.39	cps
Selenium	82-1	92948	95556	97067	95190	2.19	cps
Selenium	77-2	3217	3150	3194	3187	1.06	cps
Selenium	78-2	10841	10750	10743	10778	0.51	cps
Silicon	28-1	36687970	37372630	38409070	37489890	2.31	cps
Silver	107-1	3390151	3467609	3523106	3460289	1.93	cps
Silver	109-1	3300583	3384958	3480343	3388628	2.65	cps
Sodium	23-2	28377685	28460706	28571614	28470002	0.34	cps
Strontium	86-1	22076877	23153352	23208929	22813053	2.80	cps
Strontium	88-1	188611975	195528596	197144642	193761738	2.34	cps
Sulfur	34-1	933839	924785	934280	930968	0.58	cps
Terbium	159-1	8908590	9214484	8513374	8878816	3.96	cps
Terbium	159-2	4895195	4761908	4896965	4851356	1.60	cps
Thallium	203-1	3477916	3691781	3644984	3604894	3.12	cps
Thallium	205-1	7941707	8466035	8315617	8241119	3.28	cps
Tin	118-1	3841469	4183483	4169745	4064899	4.76	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4148-01A	Instrumnet Name :	P8
Client Sample ID :	211007077-01A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:20:04	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4525058	4813542	4742325	4693642	3.20	cps
Uranium	238-1	9452408	10132149	10273219	9952592	4.41	cps
Vanadium	51-2	1527676	1533292	1525845	1528938	0.25	cps
Ytterbium	172-1	58	42	42	47	20.37	cps
Ytterbium	172-2	11	22	6	13	65.44	cps
Ytterbium	176-1	1242	1225	875	1114	18.59	cps
Ytterbium	176-2	3328	3623	3595	3515	4.63	cps
Yttrium	89-1	21587103	21758136	20449940	21265060	3.34	cps
Yttrium	89-2	2682545	2665366	2691051	2679654	0.49	cps
Zinc	66-2	2857479	2818790	2798712	2824994	1.06	cps
Zirconium	90-1	9694698	9706006	10147048	9849251	2.62	cps
Zirconium	91-1	2207206	2243582	2323829	2258206	2.64	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-01	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:23:38	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9393	9388	9417	9399	0.16	cps
Antimony	121-1	2634	2650	3042	2775	8.33	cps
Arsenic	75-2	85	95	97	92	6.96	cps
Barium	135-1	91157	91820	90746	91241	0.59	cps
Barium	137-1	156441	157562	155423	156475	0.68	cps
Beryllium	9-1	268	286	284	279	3.53	cps
Bismuth	209-1	4914864	4891703	4807818	4871462	1.16	cps
Bismuth	209-2	3290757	3196241	3233239	3240079	1.47	cps
Boron	10-1	32255	32195	31506	31985	1.30	cps
Boron	11-1	153497	151588	151261	152116	0.79	cps
Bromine	81-1	64937	73225	76467	71543	8.31	cps
Cadmium	111-1	4558	4416	4557	4510	1.81	cps
Cadmium	106-1	6010	5626	5943	5860	3.50	cps
Cadmium	108-1	142	188	183	171	14.84	cps
Calcium	43-1	1195683	1186980	1143251	1175305	2.39	cps
Calcium	44-1	19353620	18773085	19629828	19252178	2.27	cps
Carbon	12-1	14267646	15888158	16400910	15518905	7.18	cps
Carbon	12-2	178831	182844	181183	180952	1.11	cps
Chlorine	35-1	3053550	3185412	3409204	3216055	5.59	cps
Chlorine	35-2	25623	26775	26617	26338	2.37	cps
Chromium	52-2	2487	2397	2300	2395	3.90	cps
Cobalt	59-2	1370	1180	1203	1251	8.28	cps
Copper	63-1	3436635	3449753	3364275	3416888	1.35	cps
Dysprosium	156-1	100	75	142	106	31.91	cps
Dysprosium	156-2	63	60	43	56	19.29	cps
Erbium	164-1	75	92	92	86	11.18	cps
Erbium	164-2	33	37	40	37	9.10	cps
Gadolinium	160-1	125	158	83	122	30.74	cps
Gadolinium	160-2	130	107	123	120	10.01	cps
Holmium	165-1	8848449	8992663	8897431	8912848	0.82	cps
Holmium	165-2	4737358	4946161	4890174	4857898	2.22	cps
Indium	115-1	8791456	8840069	8843175	8824900	0.33	cps
Indium	115-2	1555246	1539688	1517040	1537325	1.25	cps
Iron	54-2	3317	3245	3506	3356	4.02	cps
Iron	56-2	55800	53160	58688	55883	4.95	cps
Iron	57-2	2878	2250	2573	2567	12.23	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-01	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:23:38	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	987	853	910	7.57	cps
Lead	206-1	9365	10121	9565	9683	4.05	cps
Lead	207-1	8525	8297	8347	8390	1.43	cps
Lead	208-1	37683	38896	37244	37941	2.26	cps
Lithium	6-1	4040481	3850393	3964275	3951716	2.42	cps
Magnesium	24-2	2737859	2605505	2663442	2668935	2.49	cps
Manganese	55-2	11745	11445	12045	11745	2.56	cps
Molybdenum	94-1	6335	5860	6268	6154	4.18	cps
Molybdenum	95-1	9078	9062	9312	9151	1.53	cps
Molybdenum	96-1	9937	10012	10054	10001	0.59	cps
Molybdenum	97-1	5810	5610	5593	5671	2.13	cps
Molybdenum	98-1	13999	14550	14491	14347	2.11	cps
Neodymium	150-1	73	60	113	82	33.76	cps
Neodymium	150-2	20	33	23	26	27.15	cps
Nickel	60-2	50188	51285	50606	50693	1.09	cps
Phosphorus	31-2	2059	2050	1834	1981	6.44	cps
Potassium	39-2	600192	591655	591895	594581	0.82	cps
Rhodium	103-1	9023058	8735668	8652160	8803629	2.21	cps
Rhodium	103-2	4365322	4363834	4249769	4326308	1.53	cps
Scandium	45-1	7486887	7184228	7451014	7374043	2.24	cps
Scandium	45-2	246746	250663	250913	249441	0.94	cps
Selenium	82-1	89	7	177	91	93.68	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	81	84	84	83	2.09	cps
Silicon	28-1	32275554	32908227	32567703	32583828	0.97	cps
Silver	107-1	2475	2534	2484	2498	1.26	cps
Silver	109-1	2384	2050	2375	2270	8.38	cps
Sodium	23-2	25066654	24643023	24327913	24679197	1.50	cps
Strontium	86-1	564923	553886	557175	558661	1.01	cps
Strontium	88-1	4995142	4846029	4751924	4864365	2.52	cps
Sulfur	34-1	1586786	1615694	1625034	1609172	1.24	cps
Terbium	159-1	9763336	9583081	9423987	9590135	1.77	cps
Terbium	159-2	4856435	4984102	4908206	4916248	1.31	cps
Thallium	203-1	1258	1108	1400	1256	11.62	cps
Thallium	205-1	3025	3009	3176	3070	2.99	cps
Tin	118-1	2550	2459	2759	2589	5.94	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-01	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:23:38	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1525	1800	1825	1717	9.70	cps
Uranium	238-1	1300	1308	1308	1306	0.37	cps
Vanadium	51-2	1047	1173	1040	1087	6.91	cps
Ytterbium	172-1	108	92	100	100	8.33	cps
Ytterbium	172-2	67	39	56	54	26.03	cps
Ytterbium	176-1	892	1142	1117	1050	13.11	cps
Ytterbium	176-2	3512	3817	4067	3799	7.33	cps
Yttrium	89-1	24605230	22614499	23566206	23595312	4.22	cps
Yttrium	89-2	2708413	2742305	2693648	2714789	0.92	cps
Zinc	66-2	732328	731543	735506	733126	0.29	cps
Zirconium	90-1	2192	2542	2450	2395	7.58	cps
Zirconium	91-1	383	558	483	475	18.48	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-02	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:26:34	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2205	2106	2166	2159	2.30	cps
Antimony	121-1	1450	1425	1517	1464	3.24	cps
Arsenic	75-2	76	68	75	73	5.97	cps
Barium	135-1	88422	88297	86604	87774	1.16	cps
Barium	137-1	146986	148873	150139	148666	1.07	cps
Beryllium	9-1	248	218	254	240	8.04	cps
Bismuth	209-1	4698857	4861214	4717463	4759178	1.87	cps
Bismuth	209-2	3279068	3383913	3238266	3300416	2.28	cps
Boron	10-1	24213	25469	25161	24948	2.62	cps
Boron	11-1	119899	121610	121283	120931	0.75	cps
Bromine	81-1	72370	74976	81781	76375	6.36	cps
Cadmium	111-1	4286	4116	4365	4255	3.00	cps
Cadmium	106-1	5868	5735	6060	5888	2.78	cps
Cadmium	108-1	79	46	50	58	31.14	cps
Calcium	43-1	1098109	1094541	1098336	1096995	0.19	cps
Calcium	44-1	18147550	18322729	17827259	18099179	1.39	cps
Carbon	12-1	15456057	16479170	17185754	16373660	5.31	cps
Carbon	12-2	181935	186281	188693	185636	1.84	cps
Chlorine	35-1	3565628	3814677	3827594	3735966	3.95	cps
Chlorine	35-2	28479	30374	29464	29439	3.22	cps
Chromium	52-2	3490	3560	3854	3635	5.30	cps
Cobalt	59-2	673	753	860	762	12.29	cps
Copper	63-1	2380893	2401401	2361351	2381215	0.84	cps
Dysprosium	156-1	58	92	117	89	32.93	cps
Dysprosium	156-2	37	40	43	40	8.32	cps
Erbium	164-1	92	133	75	100	30.05	cps
Erbium	164-2	47	30	43	40	22.05	cps
Gadolinium	160-1	217	192	133	181	23.68	cps
Gadolinium	160-2	93	127	103	108	15.87	cps
Holmium	165-1	8687015	8825423	8430458	8647632	2.32	cps
Holmium	165-2	4863242	4891005	4915905	4890051	0.54	cps
Indium	115-1	8565274	8809467	8546170	8640304	1.70	cps
Indium	115-2	1536810	1542028	1496854	1525230	1.62	cps
Iron	54-2	3356	2645	2973	2991	11.90	cps
Iron	56-2	47754	43740	49282	46925	6.10	cps
Iron	57-2	2256	2184	2250	2230	1.80	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-02	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:26:34	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	890	917	901	1.54	cps
Lead	206-1	3306	3634	3534	3491	4.81	cps
Lead	207-1	3156	3228	3028	3137	3.23	cps
Lead	208-1	14399	14542	13614	14185	3.52	cps
Lithium	6-1	3992111	3855704	3732673	3860163	3.36	cps
Magnesium	24-2	2546037	2509412	2568177	2541209	1.17	cps
Manganese	55-2	10020	9423	10024	9822	3.52	cps
Molybdenum	94-1	5076	5710	5143	5310	6.56	cps
Molybdenum	95-1	8378	8394	8011	8261	2.62	cps
Molybdenum	96-1	9137	8770	8695	8867	2.67	cps
Molybdenum	97-1	5176	5251	5101	5176	1.45	cps
Molybdenum	98-1	13098	12948	12815	12954	1.09	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	3607	3774	3614	3665	2.58	cps
Phosphorus	31-2	2725	2692	2992	2803	5.87	cps
Potassium	39-2	580284	582370	578503	580386	0.33	cps
Rhodium	103-1	8457315	8541250	8373961	8457509	0.99	cps
Rhodium	103-2	4437784	4315632	4343041	4365485	1.47	cps
Scandium	45-1	7268029	7199568	7073059	7180219	1.38	cps
Scandium	45-2	248087	248468	245935	247497	0.55	cps
Selenium	82-1	136	97	51	95	44.76	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	84	73	90	82	10.47	cps
Silicon	28-1	32202785	31473148	31502257	31726063	1.30	cps
Silver	107-1	1600	1725	2142	1822	15.57	cps
Silver	109-1	1500	1558	1842	1633	11.19	cps
Sodium	23-2	25035830	24768007	24733510	24845782	0.67	cps
Strontium	86-1	538506	533716	520108	530777	1.80	cps
Strontium	88-1	4708667	4748473	4490134	4649091	2.99	cps
Sulfur	34-1	1559967	1606374	1591492	1585944	1.49	cps
Terbium	159-1	9324621	9371711	9167485	9287939	1.15	cps
Terbium	159-2	4835577	4843132	4943244	4873984	1.23	cps
Thallium	203-1	900	1183	1200	1095	15.41	cps
Thallium	205-1	2442	2192	2542	2392	7.54	cps
Tin	118-1	2525	2200	2709	2478	10.39	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-02	Instrumnet Name :	P8
Client Sample ID :	100-G-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:26:34	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1400	1275	1358	1345	4.74	cps
Uranium	238-1	1133	1083	1158	1125	3.40	cps
Vanadium	51-2	1090	893	933	972	10.69	cps
Ytterbium	172-1	100	100	100	100	0.00	cps
Ytterbium	172-2	78	61	56	65	17.84	cps
Ytterbium	176-1	950	1067	1183	1067	10.94	cps
Ytterbium	176-2	3784	3712	3845	3780	1.77	cps
Yttrium	89-1	23103025	23480056	22682227	23088436	1.73	cps
Yttrium	89-2	2723678	2723628	2675354	2707553	1.03	cps
Zinc	66-2	32360	32263	31532	32052	1.41	cps
Zirconium	90-1	1950	1592	1583	1709	12.26	cps
Zirconium	91-1	233	333	442	336	31.00	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : M4168-03 Instrumnet Name : P8
 Client Sample ID : 100-G-BATHROOM-A Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 16:29:34 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4997	5064	4989	5017	0.82	cps
Antimony	121-1	1458	1383	1642	1495	8.89	cps
Arsenic	75-2	75	71	69	72	4.26	cps
Barium	135-1	86519	85035	88959	86838	2.28	cps
Barium	137-1	145115	148991	147082	147063	1.32	cps
Beryllium	9-1	176	168	180	175	3.50	cps
Bismuth	209-1	4798202	4686485	4716447	4733711	1.22	cps
Bismuth	209-2	3073813	2935834	3141483	3050377	3.44	cps
Boron	10-1	21335	22192	22811	22113	3.35	cps
Boron	11-1	102759	107072	108439	106090	2.79	cps
Bromine	81-1	71525	75551	80522	75866	5.94	cps
Cadmium	111-1	4095	3942	4118	4052	2.36	cps
Cadmium	106-1	5618	5443	5743	5601	2.69	cps
Cadmium	108-1	54	38	63	51	24.77	cps
Calcium	43-1	1066840	1086828	1086753	1080140	1.07	cps
Calcium	44-1	17997938	18023676	17705302	17908972	0.99	cps
Carbon	12-1	15688210	18199091	18826023	17571108	9.45	cps
Carbon	12-2	189159	197610	199538	195436	2.82	cps
Chlorine	35-1	3765922	3925605	3911983	3867836	2.29	cps
Chlorine	35-2	29472	30282	30792	30182	2.20	cps
Chromium	52-2	2414	2380	2304	2366	2.38	cps
Cobalt	59-2	770	870	807	816	6.20	cps
Copper	63-1	4134044	4155179	4170700	4153308	0.44	cps
Dysprosium	156-1	58	58	92	69	27.71	cps
Dysprosium	156-2	60	43	47	50	17.64	cps
Erbium	164-1	83	67	92	81	15.80	cps
Erbium	164-2	33	40	43	39	13.09	cps
Gadolinium	160-1	150	100	142	131	20.52	cps
Gadolinium	160-2	93	80	77	83	10.58	cps
Holmium	165-1	8490546	8703530	8734315	8642797	1.54	cps
Holmium	165-2	4574309	4408231	4712809	4565116	3.34	cps
Indium	115-1	8441355	8756079	8769135	8655523	2.14	cps
Indium	115-2	1508733	1354049	1498538	1453774	5.95	cps
Iron	54-2	2661	2656	3106	2808	9.20	cps
Iron	56-2	41183	47717	44314	44405	7.36	cps
Iron	57-2	1772	2195	1939	1969	10.80	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-03	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:29:34	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	923	927	970	940	2.77	cps
Lead	206-1	11794	11622	11917	11778	1.26	cps
Lead	207-1	9198	8892	9426	9172	2.92	cps
Lead	208-1	43256	43095	44419	43590	1.66	cps
Lithium	6-1	3923261	3922656	3907371	3917762	0.23	cps
Magnesium	24-2	2556191	2602882	2539259	2566111	1.28	cps
Manganese	55-2	11228	11655	11828	11570	2.67	cps
Molybdenum	94-1	4993	5076	5043	5037	0.83	cps
Molybdenum	95-1	8069	8236	8094	8133	1.11	cps
Molybdenum	96-1	8528	8836	8611	8659	1.84	cps
Molybdenum	97-1	4984	4543	4576	4701	5.23	cps
Molybdenum	98-1	12815	12464	13699	12993	4.90	cps
Neodymium	150-1	40	13	100	51	86.85	cps
Neodymium	150-2	10	23	13	16	44.60	cps
Nickel	60-2	15468	16006	15205	15560	2.62	cps
Phosphorus	31-2	2392	2675	2484	2517	5.75	cps
Potassium	39-2	572063	578150	570593	573602	0.70	cps
Rhodium	103-1	8189539	8338463	8349931	8292644	1.08	cps
Rhodium	103-2	4333082	3895879	4225895	4151619	5.49	cps
Scandium	45-1	7083950	7148945	7105704	7112866	0.47	cps
Scandium	45-2	244168	221994	236684	234282	4.81	cps
Selenium	82-1	37	46	24	36	31.06	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	75	92	62	76	19.71	cps
Silicon	28-1	30367307	31169143	31449631	30995360	1.81	cps
Silver	107-1	1608	1500	1800	1636	9.29	cps
Silver	109-1	1358	1125	1767	1417	22.93	cps
Sodium	23-2	23816207	23862485	23515053	23731248	0.79	cps
Strontium	86-1	516466	521640	522585	520230	0.63	cps
Strontium	88-1	4472516	4605670	4535625	4537937	1.47	cps
Sulfur	34-1	1543099	1547948	1528849	1539965	0.64	cps
Terbium	159-1	9234158	9261919	9086995	9194357	1.02	cps
Terbium	159-2	4950215	4346352	4499202	4598589	6.83	cps
Thallium	203-1	817	967	758	847	12.69	cps
Thallium	205-1	1917	2050	1967	1978	3.41	cps
Tin	118-1	1992	2334	1975	2100	9.63	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-03	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:29:34	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1100	1417	1317	1278	12.67	cps
Uranium	238-1	783	825	858	822	4.57	cps
Vanadium	51-2	913	1063	993	990	7.58	cps
Ytterbium	172-1	92	83	133	103	26.06	cps
Ytterbium	172-2	28	44	83	52	54.98	cps
Ytterbium	176-1	1000	1208	1075	1095	9.64	cps
Ytterbium	176-2	3734	3184	3956	3625	10.97	cps
Yttrium	89-1	22667277	22890168	22142174	22566540	1.70	cps
Yttrium	89-2	2720299	2400672	2631990	2584320	6.39	cps
Zinc	66-2	103219	102840	104402	103487	0.79	cps
Zirconium	90-1	1392	1675	1575	1547	9.29	cps
Zirconium	91-1	233	250	342	275	21.21	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-04	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:32:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2362	2314	2336	2337	1.04	cps
Antimony	121-1	1283	2225	1400	1636	31.38	cps
Arsenic	75-2	83	58	82	74	19.04	cps
Barium	135-1	84607	86779	85823	85736	1.27	cps
Barium	137-1	146869	149102	143517	146496	1.92	cps
Beryllium	9-1	194	432	220	282	46.30	cps
Bismuth	209-1	4537926	4702805	4665181	4635304	1.86	cps
Bismuth	209-2	3262116	3229987	3208896	3233666	0.83	cps
Boron	10-1	19920	20226	20444	20197	1.30	cps
Boron	11-1	94668	98089	101921	98226	3.69	cps
Bromine	81-1	68095	70580	75499	71391	5.28	cps
Cadmium	111-1	4117	3885	4098	4033	3.19	cps
Cadmium	106-1	5760	5118	5693	5523	6.39	cps
Cadmium	108-1	63	79	42	61	30.74	cps
Calcium	43-1	1075741	1102554	1076457	1084918	1.41	cps
Calcium	44-1	18798836	18117710	18083328	18333291	2.20	cps
Carbon	12-1	15131670	15873800	17345381	16116950	6.99	cps
Carbon	12-2	183774	182289	186939	184334	1.29	cps
Chlorine	35-1	3977439	4086493	4201038	4088323	2.73	cps
Chlorine	35-2	31151	31844	31669	31554	1.14	cps
Chromium	52-2	87620	87563	87677	87620	0.06	cps
Cobalt	59-2	1573	1927	1893	1798	10.85	cps
Copper	63-1	3003385	3124682	3090665	3072911	2.04	cps
Dysprosium	156-1	100	67	50	72	35.25	cps
Dysprosium	156-2	53	73	57	61	17.53	cps
Erbium	164-1	117	67	58	81	39.17	cps
Erbium	164-2	27	50	20	32	48.88	cps
Gadolinium	160-1	158	100	150	136	23.18	cps
Gadolinium	160-2	140	130	87	119	23.84	cps
Holmium	165-1	8506644	9089668	8802669	8799660	3.31	cps
Holmium	165-2	4977895	4819778	4735733	4844469	2.54	cps
Indium	115-1	8719089	8752123	8254719	8575310	3.24	cps
Indium	115-2	1547799	1535524	1523748	1535691	0.78	cps
Iron	54-2	16977	16621	16365	16654	1.85	cps
Iron	56-2	244900	246550	241106	244185	1.14	cps
Iron	57-2	6946	7391	6874	7070	3.96	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : M4168-04 Instrumnet Name : P8
 Client Sample ID : 100-G-BATHROOM-B Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 16:32:30 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	817	937	933	896	7.63	cps
Lead	206-1	3945	6564	3773	4761	32.85	cps
Lead	207-1	3223	6019	3734	4325	34.42	cps
Lead	208-1	15093	25642	15793	18843	31.31	cps
Lithium	6-1	3840336	3945912	3733361	3839870	2.77	cps
Magnesium	24-2	2501354	2533837	2524085	2519759	0.66	cps
Manganese	55-2	28779	28205	28746	28576	1.13	cps
Molybdenum	94-1	7661	10338	7911	8637	17.12	cps
Molybdenum	95-1	11855	16471	12489	13605	18.39	cps
Molybdenum	96-1	13799	17947	13624	15123	16.18	cps
Molybdenum	97-1	6952	9938	7452	8114	19.71	cps
Molybdenum	98-1	19398	24950	19189	21179	15.43	cps
Neodymium	150-1	27	0	20	16	89.22	cps
Neodymium	150-2	0	0	20	7	173.21	cps
Nickel	60-2	13096	13233	13283	13204	0.73	cps
Phosphorus	31-2	2384	2784	2584	2584	7.74	cps
Potassium	39-2	567229	577247	563962	569479	1.22	cps
Rhodium	103-1	8390170	8483827	8256410	8376802	1.36	cps
Rhodium	103-2	4367352	4271507	4243083	4293981	1.52	cps
Scandium	45-1	7336252	7131949	6972711	7146971	2.55	cps
Scandium	45-2	248550	243354	245336	245746	1.07	cps
Selenium	82-1	143	25	18	62	113.05	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	80	87	73	80	8.75	cps
Silicon	28-1	31711343	30360897	31468783	31180341	2.31	cps
Silver	107-1	1400	1492	1700	1531	10.05	cps
Silver	109-1	1175	1325	1834	1445	23.89	cps
Sodium	23-2	23899954	24124805	23419228	23814662	1.51	cps
Strontium	86-1	516196	529500	527572	524423	1.37	cps
Strontium	88-1	4461126	4645985	4544714	4550608	2.03	cps
Sulfur	34-1	1593866	1553570	1600476	1582637	1.60	cps
Terbium	159-1	9039579	9101700	9327939	9156406	1.66	cps
Terbium	159-2	4900907	4770028	4836709	4835881	1.35	cps
Thallium	203-1	867	1700	775	1114	45.76	cps
Thallium	205-1	2000	3793	2000	2598	39.84	cps
Tin	118-1	6610	7928	7286	7274	9.06	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-04	Instrumnet Name :	P8
Client Sample ID :	100-G-BATHROOM-B	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:32:30	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1500	2309	1508	1772	26.20	cps
Uranium	238-1	883	2659	1033	1525	64.56	cps
Vanadium	51-2	1620	1673	1483	1592	6.16	cps
Ytterbium	172-1	117	108	125	117	7.14	cps
Ytterbium	172-2	61	33	39	44	33.07	cps
Ytterbium	176-1	1050	1133	925	1036	10.12	cps
Ytterbium	176-2	3628	3751	3717	3699	1.71	cps
Yttrium	89-1	22444816	23180770	22527247	22717611	1.77	cps
Yttrium	89-2	2711426	2651250	2588842	2650506	2.31	cps
Zinc	66-2	19300	19330	19053	19228	0.79	cps
Zirconium	90-1	1734	3585	1525	2281	49.70	cps
Zirconium	91-1	250	733	325	436	59.65	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-05	Instrumnet Name :	P8
Client Sample ID :	FB-10-11-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:35:29	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1159	807	1009	992	17.78	cps
Antimony	121-1	258	333	475	356	30.95	cps
Arsenic	75-2	36	19	29	28	30.51	cps
Barium	135-1	408	458	483	450	8.49	cps
Barium	137-1	733	683	883	767	13.58	cps
Beryllium	9-1	176	142	174	164	11.64	cps
Bismuth	209-1	4912987	5023180	4876810	4937659	1.54	cps
Bismuth	209-2	3379577	3407508	3180570	3322552	3.72	cps
Boron	10-1	7364	7144	7136	7215	1.79	cps
Boron	11-1	35207	34285	33245	34246	2.87	cps
Bromine	81-1	26753	27455	27064	27091	1.30	cps
Cadmium	111-1	4135	3977	4273	4128	3.59	cps
Cadmium	106-1	5768	5610	6043	5807	3.78	cps
Cadmium	108-1	33	29	46	36	24.01	cps
Calcium	43-1	1426	1377	1444	1416	2.43	cps
Calcium	44-1	68264	67040	68402	67902	1.10	cps
Carbon	12-1	12735133	13884189	14748505	13789275	7.32	cps
Carbon	12-2	156848	157868	163294	159337	2.17	cps
Chlorine	35-1	3134373	2911787	2833581	2959913	5.27	cps
Chlorine	35-2	19005	18738	18095	18612	2.51	cps
Chromium	52-2	1903	1977	1853	1911	3.25	cps
Cobalt	59-2	317	153	340	270	37.67	cps
Copper	63-1	9700	9543	10226	9823	3.64	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	42	108	64	60.24	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	50	75	33	53	39.74	cps
Gadolinium	160-2	53	47	63	54	15.40	cps
Holmium	165-1	8725506	8904033	8554504	8728014	2.00	cps
Holmium	165-2	4910382	4792773	4759432	4820862	1.64	cps
Indium	115-1	8734967	8825388	8852599	8804318	0.70	cps
Indium	115-2	1552093	1532563	1506727	1530461	1.49	cps
Iron	54-2	20548	2228	2261	8346	126.62	cps
Iron	56-2	41024	34910	38283	38072	8.04	cps
Iron	57-2	1045	911	939	965	7.29	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-05	Instrumnet Name :	P8
Client Sample ID :	FB-10-11-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:35:29	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	860	910	890	2.97	cps
Lead	206-1	2773	2861	2634	2756	4.17	cps
Lead	207-1	2695	2484	2334	2504	7.25	cps
Lead	208-1	11447	10852	10746	11015	3.43	cps
Lithium	6-1	4019572	3946089	3987228	3984296	0.92	cps
Magnesium	24-2	4493	2484	3076	3351	30.81	cps
Manganese	55-2	1170	880	993	1015	14.41	cps
Molybdenum	94-1	858	717	767	781	9.20	cps
Molybdenum	95-1	583	533	650	589	9.94	cps
Molybdenum	96-1	717	675	1100	831	28.23	cps
Molybdenum	97-1	367	358	533	419	23.54	cps
Molybdenum	98-1	825	833	1075	911	15.59	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	937	767	963	889	12.00	cps
Phosphorus	31-2	108	92	142	114	22.35	cps
Potassium	39-2	26976	26834	25824	26544	2.37	cps
Rhodium	103-1	8769335	9000448	8739416	8836400	1.62	cps
Rhodium	103-2	4451978	4564381	4466908	4494423	1.36	cps
Scandium	45-1	7203835	7335186	7323172	7287397	1.00	cps
Scandium	45-2	246925	248641	240615	245394	1.72	cps
Selenium	82-1	23	61	-8	25	135.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	79	76	84	80	5.07	cps
Silicon	28-1	667290	668915	673153	669786	0.45	cps
Silver	107-1	4526	6102	7619	6082	25.43	cps
Silver	109-1	4834	5526	7310	5890	21.69	cps
Sodium	23-2	40600	38234	39398	39411	3.00	cps
Strontium	86-1	2359	2309	2667	2445	7.94	cps
Strontium	88-1	10814	10231	11082	10709	4.07	cps
Sulfur	34-1	467561	479895	481782	476413	1.62	cps
Terbium	159-1	9561123	9702429	9548122	9603891	0.89	cps
Terbium	159-2	4932568	4810558	4752729	4831952	1.90	cps
Thallium	203-1	758	608	600	656	13.59	cps
Thallium	205-1	1692	1583	1709	1661	4.09	cps
Tin	118-1	2225	2350	2217	2264	3.30	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	M4168-05	Instrumnet Name :	P8
Client Sample ID :	FB-10-11-2021	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:35:29	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	725	575	617	639	12.12	cps
Uranium	238-1	358	342	433	378	12.93	cps
Vanadium	51-2	180	110	80	123	41.61	cps
Ytterbium	172-1	42	67	25	44	47.19	cps
Ytterbium	172-2	22	11	11	15	43.30	cps
Ytterbium	176-1	858	992	1000	950	8.37	cps
Ytterbium	176-2	3506	3856	3784	3715	4.97	cps
Yttrium	89-1	23294221	23935260	24026624	23752035	1.68	cps
Yttrium	89-2	2723828	2758236	2616209	2699424	2.74	cps
Zinc	66-2	2360	2424	2454	2412	1.98	cps
Zirconium	90-1	1375	1333	1475	1395	5.22	cps
Zirconium	91-1	300	233	250	261	13.29	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:38:30	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4429341	4418797	4367879	4405339	0.75	cps
Antimony	121-1	4570378	4592167	4638247	4600264	0.75	cps
Arsenic	75-2	161555	160826	160549	160977	0.32	cps
Barium	135-1	5769317	5835736	5965149	5856734	1.70	cps
Barium	137-1	9526190	10099016	9801451	9808886	2.92	cps
Beryllium	9-1	1400451	1432154	1391784	1408130	1.51	cps
Bismuth	209-1	4687873	4631623	4638991	4652829	0.66	cps
Bismuth	209-2	3037584	3064510	2910288	3004127	2.74	cps
Boron	10-1	140203	148149	151077	146476	3.84	cps
Boron	11-1	677294	696520	723872	699229	3.35	cps
Bromine	81-1	24026	25650	25570	25082	3.65	cps
Cadmium	111-1	1242867	1227438	1219653	1229986	0.96	cps
Cadmium	106-1	138737	136154	139815	138235	1.36	cps
Cadmium	108-1	90234	92181	90215	90877	1.24	cps
Calcium	43-1	9159783	9638167	9675137	9491029	3.03	cps
Calcium	44-1	151599025	152979448	158883180	154487218	2.50	cps
Carbon	12-1	9471944	9480860	9598937	9517247	0.74	cps
Carbon	12-2	101022	100470	102197	101230	0.87	cps
Chlorine	35-1	2358123	2311266	2264230	2311206	2.03	cps
Chlorine	35-2	14549	13465	14307	14107	4.03	cps
Chromium	52-2	1795610	1815852	1815628	1809030	0.64	cps
Cobalt	59-2	3077503	3099357	3094583	3090481	0.37	cps
Copper	63-1	67006686	66816375	67478120	67100394	0.51	cps
Dysprosium	156-1	892	925	650	822	18.25	cps
Dysprosium	156-2	390	340	460	397	15.20	cps
Erbium	164-1	158	150	83	131	31.49	cps
Erbium	164-2	123	83	100	102	19.66	cps
Gadolinium	160-1	808	817	725	783	6.47	cps
Gadolinium	160-2	503	523	420	482	11.37	cps
Holmium	165-1	8923007	8757540	8927258	8869268	1.09	cps
Holmium	165-2	4868174	4776518	4730985	4791892	1.46	cps
Indium	115-1	8489925	8512586	8284877	8429129	1.49	cps
Indium	115-2	1407952	1385299	1403723	1398991	0.86	cps
Iron	54-2	18565571	18340472	19120139	18675394	2.15	cps
Iron	56-2	345257997	343208097	339003741	342489945	0.93	cps
Iron	57-2	8503225	8368828	8653047	8508366	1.67	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:38:30	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	927	907	973	936	3.66	cps
Lead	206-1	14024683	14225961	13915172	14055272	1.12	cps
Lead	207-1	11882346	12249314	12042498	12058053	1.53	cps
Lead	208-1	55039774	55457548	55829028	55442117	0.71	cps
Lithium	6-1	3784078	3823329	3795722	3801043	0.53	cps
Magnesium	24-2	65062533	64240418	62998685	64100545	1.62	cps
Manganese	55-2	8912112	8832264	8924182	8889519	0.56	cps
Molybdenum	94-1	11628068	11731902	11639665	11666545	0.49	cps
Molybdenum	95-1	14200289	14163219	14274962	14212824	0.40	cps
Molybdenum	96-1	16038862	16039364	15747889	15942038	1.05	cps
Molybdenum	97-1	8683565	8673129	8598079	8651591	0.54	cps
Molybdenum	98-1	22027520	22351622	22742194	22373779	1.60	cps
Neodymium	150-1	273	220	247	247	10.81	cps
Neodymium	150-2	27	47	27	33	34.64	cps
Nickel	60-2	843184	840427	847600	843737	0.43	cps
Phosphorus	31-2	47228	47579	49460	48089	2.50	cps
Potassium	39-2	25286688	25478302	25497970	25420987	0.46	cps
Rhodium	103-1	7902166	8204190	8210129	8105495	2.17	cps
Rhodium	103-2	4011240	4038282	4029898	4026474	0.34	cps
Scandium	45-1	7038856	7191288	7160453	7130199	1.13	cps
Scandium	45-2	244125	239368	240417	241304	1.04	cps
Selenium	82-1	97400	99079	99002	98494	0.96	cps
Selenium	77-2	3230	3024	3207	3154	3.59	cps
Selenium	78-2	11144	10935	11084	11054	0.97	cps
Silicon	28-1	4968927	5134245	5326726	5143299	3.48	cps
Silver	107-1	6308764	6110681	6089386	6169610	1.96	cps
Silver	109-1	5722827	5749583	5881677	5784695	1.47	cps
Sodium	23-2	127222870	127009657	126098944	126777157	0.47	cps
Strontium	86-1	18856578	18538746	19276291	18890538	1.96	cps
Strontium	88-1	160309145	160659412	162994237	161320931	0.90	cps
Sulfur	34-1	1056847	1080019	1076994	1071286	1.18	cps
Terbium	159-1	9192598	9795394	9627197	9538397	3.26	cps
Terbium	159-2	4771616	4801763	4893881	4822420	1.32	cps
Thallium	203-1	3486924	3425133	3428444	3446834	1.01	cps
Thallium	205-1	7930710	8087278	8120749	8046246	1.26	cps
Tin	118-1	4109375	4043815	4137445	4096878	1.17	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:38:30	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4674944	4748154	4841644	4754914	1.76	cps
Uranium	238-1	10081415	9819198	10346513	10082376	2.62	cps
Vanadium	51-2	1460927	1451648	1424608	1445727	1.31	cps
Ytterbium	172-1	17	83	92	64	64.34	cps
Ytterbium	172-2	28	83	44	52	54.97	cps
Ytterbium	176-1	15676	15685	15968	15777	1.05	cps
Ytterbium	176-2	11388	11689	12217	11765	3.57	cps
Yttrium	89-1	22961334	23959947	22549878	23157053	3.13	cps
Yttrium	89-2	2631191	2659723	2626796	2639237	0.68	cps
Zinc	66-2	2509004	2479440	2530444	2506296	1.02	cps
Zirconium	90-1	10260968	10354757	9971379	10195701	1.96	cps
Zirconium	91-1	2313136	2297653	2341492	2317427	0.96	cps

LB Number : LB116863 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P8
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-15 16:45:25 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	584	206	170	320	71.60	cps
Antimony	121-1	542	733	1150	808	38.48	cps
Arsenic	75-2	43	23	10	25	65.62	cps
Barium	135-1	117	100	875	364	121.67	cps
Barium	137-1	150	208	1709	689	128.23	cps
Beryllium	9-1	108	126	266	167	51.90	cps
Bismuth	209-1	4932845	4808600	4831643	4857696	1.36	cps
Bismuth	209-2	3264304	3288195	3239961	3264153	0.74	cps
Boron	10-1	6994	7080	6766	6947	2.34	cps
Boron	11-1	35327	33572	32826	33908	3.79	cps
Bromine	81-1	24296	24507	23303	24035	2.67	cps
Cadmium	111-1	3945	3753	3905	3868	2.61	cps
Cadmium	106-1	5601	5285	5376	5421	3.01	cps
Cadmium	108-1	38	42	54	44	19.52	cps
Calcium	43-1	524	534	1471	843	64.56	cps
Calcium	44-1	51591	51810	65969	56457	14.59	cps
Carbon	12-1	7058781	6833241	6895769	6929264	1.68	cps
Carbon	12-2	68469	67514	67924	67969	0.70	cps
Chlorine	35-1	2670947	2684390	2672769	2676035	0.27	cps
Chlorine	35-2	18838	18679	18687	18735	0.48	cps
Chromium	52-2	1110	917	983	1003	9.79	cps
Cobalt	59-2	467	87	100	218	99.02	cps
Copper	63-1	6832	6646	14886	9454	49.76	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	92	67	75	78	16.37	cps
Erbium	164-2	20	17	23	20	16.65	cps
Gadolinium	160-1	58	83	75	72	17.63	cps
Gadolinium	160-2	53	103	40	66	50.93	cps
Holmium	165-1	8984704	9159632	8810627	8984988	1.94	cps
Holmium	165-2	4594886	4834593	4782392	4737290	2.66	cps
Indium	115-1	8698196	9137441	8988968	8941535	2.50	cps
Indium	115-2	1567676	1574674	1568559	1570303	0.24	cps
Iron	54-2	2506	917	917	1446	63.43	cps
Iron	56-2	40637	9715	8353	19568	93.31	cps
Iron	57-2	1067	294	261	541	84.29	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:45:25	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1080	960	887	976	10.00	cps
Lead	206-1	1645	1700	3946	2430	54.03	cps
Lead	207-1	1495	1500	2840	1945	39.85	cps
Lead	208-1	6517	6890	13873	9093	45.57	cps
Lithium	6-1	4018769	4093994	3980530	4031097	1.43	cps
Magnesium	24-2	5768	1125	942	2612	104.73	cps
Manganese	55-2	1333	217	210	587	110.23	cps
Molybdenum	94-1	592	475	1809	958	77.06	cps
Molybdenum	95-1	375	308	2176	953	111.16	cps
Molybdenum	96-1	358	425	2392	1059	109.16	cps
Molybdenum	97-1	250	242	1259	583	100.22	cps
Molybdenum	98-1	575	683	3026	1428	96.97	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	337	150	153	213	50.07	cps
Phosphorus	31-2	83	117	200	133	45.07	cps
Potassium	39-2	26959	25156	25957	26024	3.47	cps
Rhodium	103-1	8879166	8647265	8642148	8722860	1.55	cps
Rhodium	103-2	4514481	4419948	4429452	4454627	1.17	cps
Scandium	45-1	7298457	7442986	7360869	7367437	0.98	cps
Scandium	45-2	241690	245816	243969	243825	0.85	cps
Selenium	82-1	-137	1	45	-30	-315.34	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	85	76	81	81	5.59	cps
Silicon	28-1	613821	620111	614405	616112	0.56	cps
Silver	107-1	1358	1667	1892	1639	16.34	cps
Silver	109-1	1325	1517	1842	1561	16.73	cps
Sodium	23-2	45975	35410	34408	38598	16.60	cps
Strontium	86-1	1733	1592	4009	2445	55.49	cps
Strontium	88-1	1942	2175	24596	9571	135.96	cps
Sulfur	34-1	486099	484353	481156	483869	0.52	cps
Terbium	159-1	9716917	9488647	9681595	9629053	1.28	cps
Terbium	159-2	4820741	4829792	4817730	4822755	0.13	cps
Thallium	203-1	642	650	1150	814	35.77	cps
Thallium	205-1	1742	1867	3101	2236	33.58	cps
Tin	118-1	1650	1775	2200	1875	15.38	cps

LB Number :	LB116863	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2021-10-15 16:45:25	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	267	925	492	76.35	cps
Uranium	238-1	108	125	1334	522	134.52	cps
Vanadium	51-2	157	20	17	64	123.96	cps
Ytterbium	172-1	25	50	25	33	43.30	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	1008	800	1083	964	15.23	cps
Ytterbium	176-2	3634	4234	3945	3938	7.62	cps
Yttrium	89-1	23986838	23367427	24002561	23785609	1.52	cps
Yttrium	89-2	2670460	2693848	2664850	2676386	0.57	cps
Zinc	66-2	1010	763	690	821	20.42	cps
Zirconium	90-1	1017	1225	2150	1464	41.21	cps
Zirconium	91-1	125	167	425	239	68.03	cps