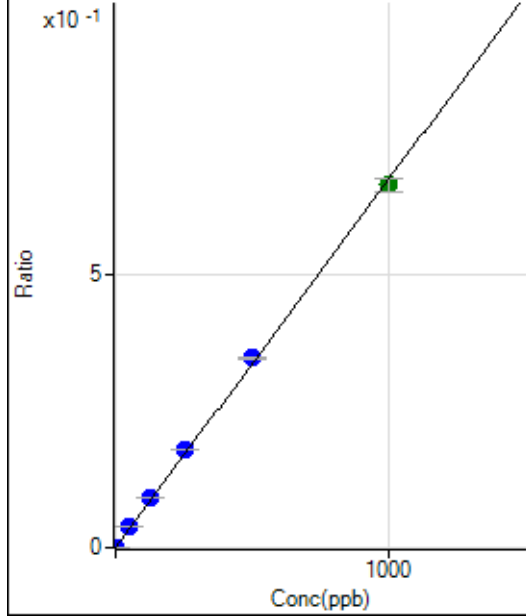


Calibration for 020ICSB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7042023 MS.b\
 Analysis File: P7042023 MS.batch.bin
 DA Date-Time: 2023-04-20 19:09:04
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-04-20 14:34:48
2	006CALS.d	S02	2023-04-20 14:41:21
3	007CALS.d	S03	2023-04-20 14:44:36
4	008CALS.d	S04	2023-04-20 14:47:45
5	009CALS.d	S05	2023-04-20 14:50:41
6	010CALS.d	S06	2023-04-20 14:53:33
7	011CALS.d	S07	2023-04-20 14:56:20
8	012CALS.d	S08	2023-04-20 14:59:07

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	10.2
2	☐	1.000	1.175	1512.31	0.0008	P	5.7
3	☐	50.000	56.155	68928.68	0.0378	P	1.0
4	☐	125.000	136.207	165460.85	0.0916	P	1.0
5	☐	250.000	266.187	322468.69	0.1789	P	1.4
6	☐	500.000	516.545	622625.59	0.3471	P	1.2
7	☐	1000.000	985.972	1164878.56	0.6625	A	3.5
8	☐			550.01	0.0004	P	17.4

$$y = 6.7194\text{E-}004 * x + 3.4615\text{E-}005$$

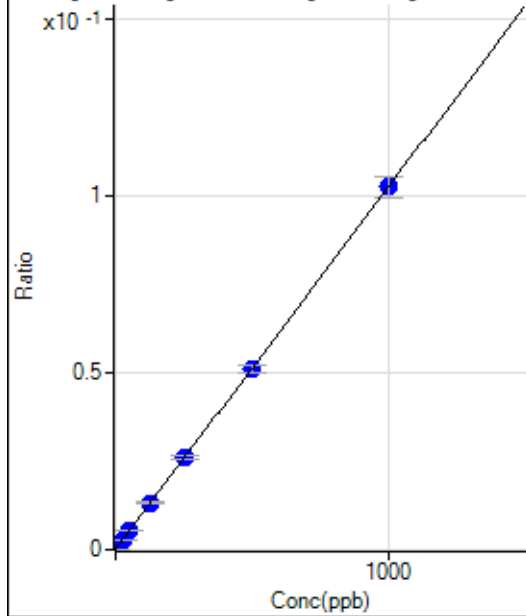
$$R = 0.9996$$

$$DL = 0.0158$$

$$BEC = 0.05152$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0001	P	7.8
2	☐	25.000	24.267	4726.33	0.0026	P	3.1
3	☐	50.000	52.831	10036.66	0.0055	P	4.9
4	☐	125.000	127.842	23801.66	0.0132	P	4.4
5	☐	250.000	254.513	47084.52	0.0261	P	5.4
6	☐	500.000	496.862	91334.27	0.0509	P	4.1
7	☐	1000.000	999.962	179980.35	0.1024	P	5.5
8	☐			5750.02	0.0038	P	14.4

$$y = 1.0230\text{E-}004 * x + 9.2512\text{E-}005$$

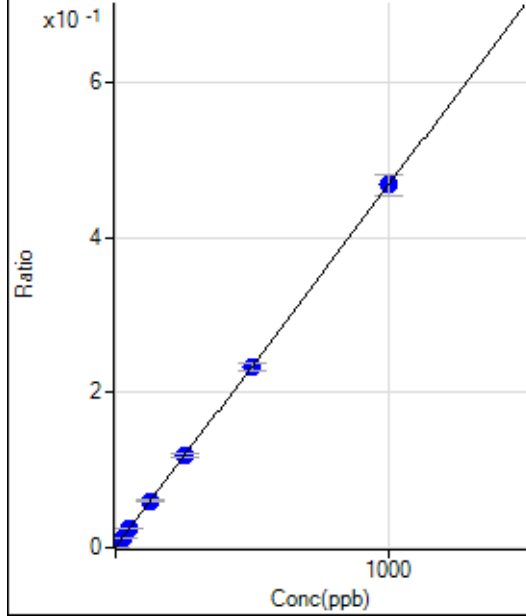
$$R = 1.0000$$

$$DL = 0.2105$$

$$BEC = 0.9043$$

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	682.24	0.0004	P	4.1
2	☐	25.000	24.521	21731.99	0.0118	P	7.9
3	☐	50.000	53.223	46150.92	0.0253	P	4.4
4	☐	125.000	127.522	108477.65	0.0600	P	4.0
5	☐	250.000	252.983	213892.91	0.1187	P	4.9
6	☐	500.000	496.663	417296.50	0.2327	P	4.1
7	☐	1000.000	1000.458	823097.60	0.4683	P	6.0
8	☐			25929.73	0.0172	P	12.1

$$y = 4.6769\text{E-}004 * x + 3.7906\text{E-}004$$

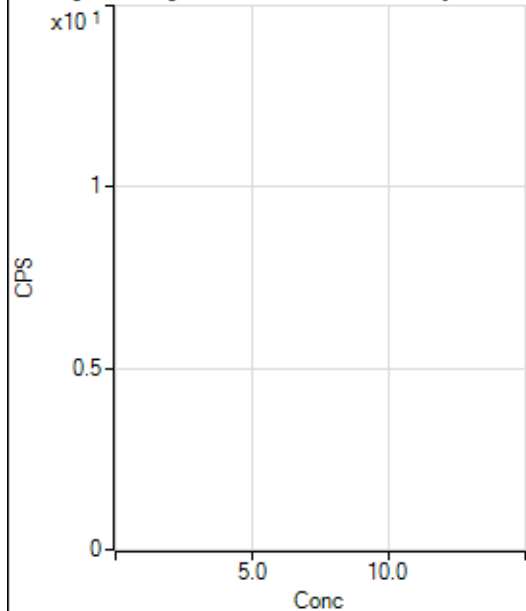
$$R = 1.0000$$

$$DL = 0.1008$$

$$BEC = 0.8105$$

Weight: <None>

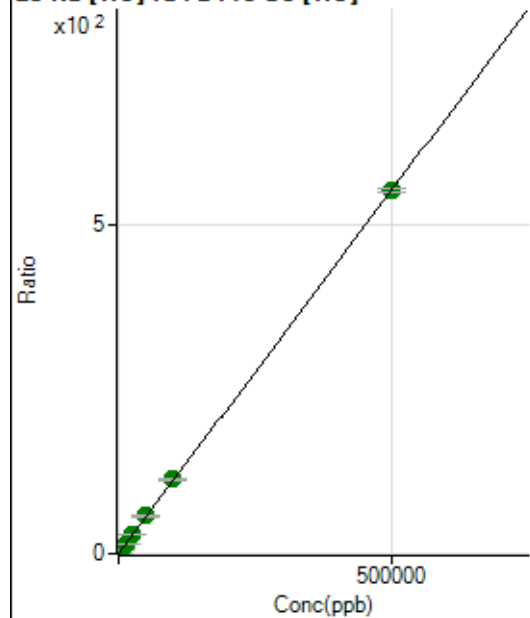
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7834.26	0.0254	P	2.4
2	☐	500.000	544.202	193519.75	0.6268	P	0.5
3	☐	5000.000	5416.261	1820071.40	6.0104	A	0.9
4	☐	12500.000	13184.085	4305197.09	14.5938	A	1.0
5	☐	25000.000	26158.976	8475058.48	28.9309	A	0.5
6	☐	50000.000	51608.302	16791826.84	57.0523	A	1.0
7	☐	100000.00	102556.07	32953173.68	113.3493	A	1.8
8	☐	500000.00	499248.69	146417246.7	551.6922	A	0.9

$$y = 0.0011 * x + 0.0254$$

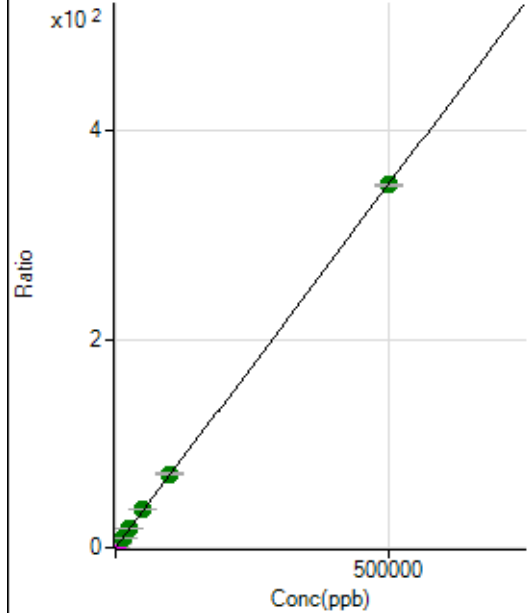
$$R = 1.0000$$

$$DL = 1.67$$

$$BEC = 23.02$$

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	531.13	0.0017	P	11.2
2	☐	500.000	536.291	115977.03	0.3756	P	0.6
3	☐	5000.000	5445.534	1150295.37	3.7984	M	1.9
4	☐	12500.000	13282.694	2732482.70	9.2625	A	0.8
5	☐	25000.000	26044.086	5319831.48	18.1598	A	0.5
6	☐	50000.000	51702.717	10609949.57	36.0491	A	0.1
7	☐	100000.00	101673.73	20607043.58	70.8890	A	2.5
8	☐	500000.00	499418.71	92411306.40	348.1984	A	0.4

$$y = 6.9720\text{E-}004 * x + 0.0017$$

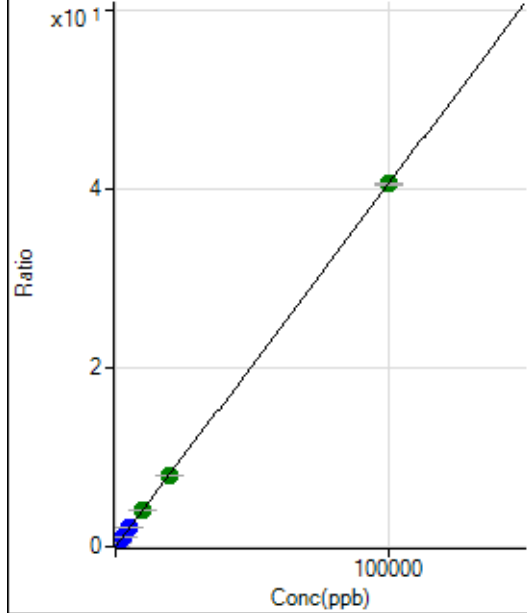
$$R = 1.0000$$

$$DL = 0.8303$$

$$BEC = 2.473$$

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	772.25	0.0025	P	6.7
2	☐	20.000	18.521	3093.68	0.0100	P	2.1
3	☐	1000.000	1077.630	133144.26	0.4397	P	0.9
4	☐	2500.000	2676.083	320996.13	1.0881	P	0.8
5	☐	5000.000	5215.856	620538.73	2.1184	P	1.4
6	☐	10000.000	10225.964	1221734.45	4.1509	A	1.3
7	☐	20000.000	19708.472	2325178.12	7.9977	A	1.5
8	☐	100000.00	100019.73	10769077.76	40.5778	A	0.5

$$y = 4.0567\text{E-}004 * x + 0.0025$$

$$R = 1.0000$$

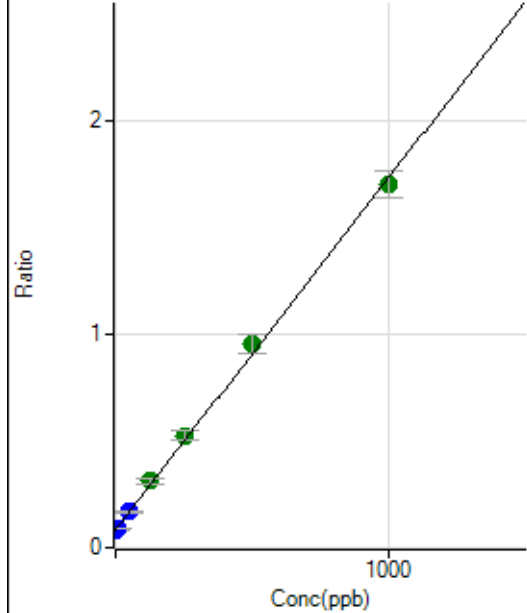
$$DL = 1.242$$

$$BEC = 6.18$$

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	339748.13	0.0834	P	1.8
2	☐	10.000	2.372	366434.18	0.0874	P	1.3
3	☐	50.000	51.013	681782.31	0.1678	P	5.2
4	☐	125.000	138.405	1262592.91	0.3122	A	6.9
5	☐	250.000	268.865	2114899.53	0.5279	A	8.0
6	☐	500.000	527.254	3806188.17	0.9550	A	9.2
7	☐	1000.000	980.007	6927107.12	1.7034	A	7.4
8	☐			1125073.45	0.3097	M	5.5

$$y = 0.0017 * x + 0.0834$$

$$R = 0.9991$$

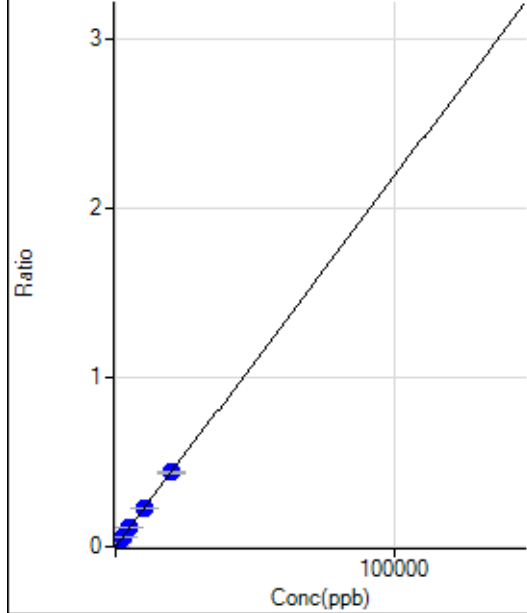
$$DL = 2.775$$

$$BEC = 50.48$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-12.272	196.67	0.0006	P	14.2
2	☐	0.000	12.272	363.34	0.0012	P	8.4
3	☐	1000.000	1053.737	7271.79	0.0240	P	2.3
4	☐	2500.000	2622.068	17228.66	0.0584	P	0.7
5	☐	5000.000	5113.042	33104.73	0.1130	P	1.7
6	☐	10000.000	10115.948	65549.51	0.2227	P	0.3
7	☐	20000.000	19895.820	127070.58	0.4371	P	2.9
8	☐			260.01	0.0010	P	4.7

$$y = 2.1926E-005 * x + 9.0747E-004$$

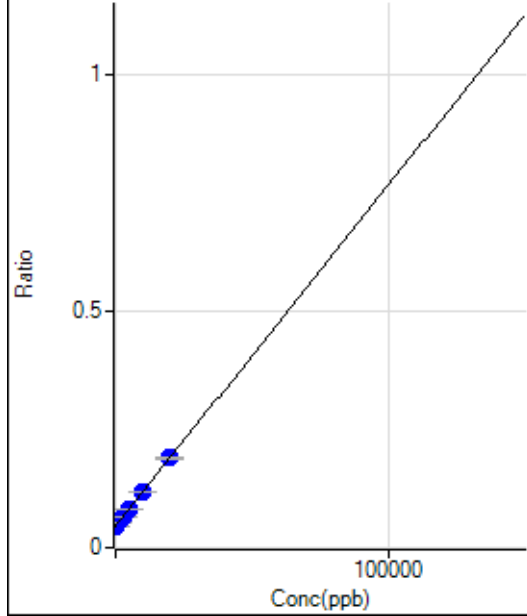
$$R = 0.9999$$

$$DL = 12.92$$

$$BEC = 41.39$$

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	56.601	188053.16	0.0462	P	1.5
2	☐	0.000	-56.601	190299.11	0.0454	P	1.5
3	☐	1000.000	1042.827	216542.26	0.0533	P	1.4
4	☐	2500.000	2592.594	260588.34	0.0644	P	0.6
5	☐	5000.000	4948.450	326197.86	0.0814	P	0.7
6	☐	10000.000	10137.574	473166.03	0.1187	P	0.9
7	☐	20000.000	19930.385	769375.14	0.1891	P	1.7
8	☐			156090.99	0.0429	P	2.0

$$y = 7.1920E-006 * x + 0.0458$$

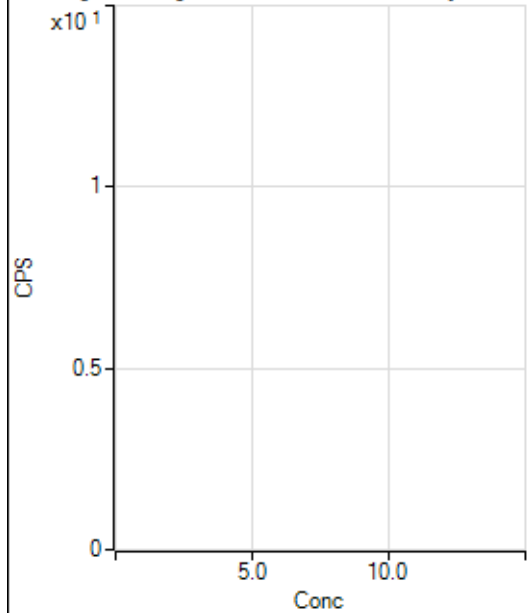
$$R = 0.9999$$

$$DL = 291.5$$

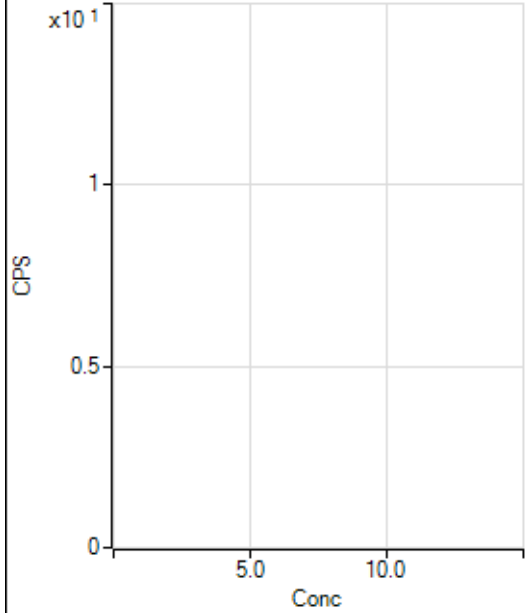
$$BEC = 6365$$

Weight: <None>

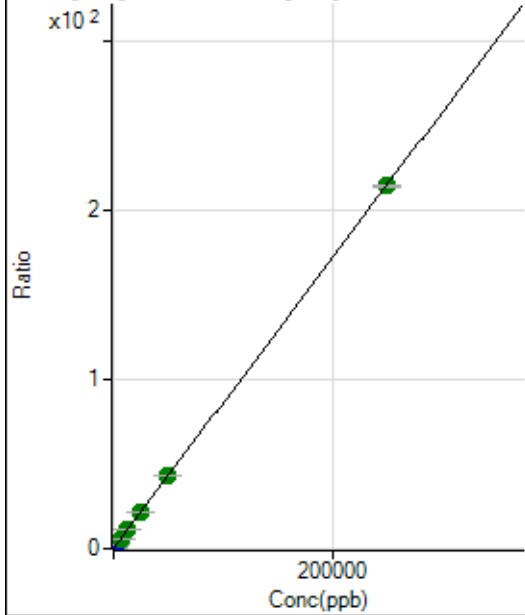
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43948.83	0.1427	P	0.8
2	☐	500.000	547.917	189296.53	0.6131	P	0.7
3	☐	2500.000	2822.955	777151.12	2.5663	P	0.2
4	☐	6250.000	6575.867	1707563.81	5.7884	A	1.0
5	☐	12500.000	12874.933	3279860.92	11.1964	A	0.5
6	☐	25000.000	25607.720	6512707.33	22.1281	A	0.4
7	☐	50000.000	50361.943	12612055.65	43.3807	A	1.6
8	☐	250000.00	249836.62	56966010.82	214.6388	A	0.8

$$y = 8.5855E-004 * x + 0.1427$$

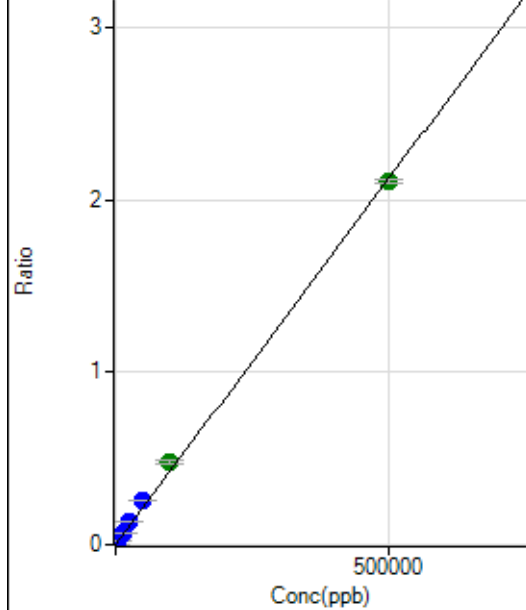
$$R = 1.0000$$

$$DL = 3.804$$

$$BEC = 166.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0000	P	18.2
2	☐	500.000	553.837	9992.26	0.0024	P	3.0
3	☐	5000.000	6305.474	109004.51	0.0268	P	1.8
4	☐	12500.000	15380.825	264446.01	0.0654	P	0.7
5	☐	25000.000	30467.221	519035.61	0.1295	P	1.4
6	☐	50000.000	61096.988	1034976.94	0.2596	P	2.0
7	☐	100000.00	113280.49	1958006.11	0.4813	A	3.1
8	☐	500000.00	495875.71	7658810.86	2.1069	A	1.2

$$y = 4.2489\text{E-}006 * x + 2.9506\text{E-}005$$

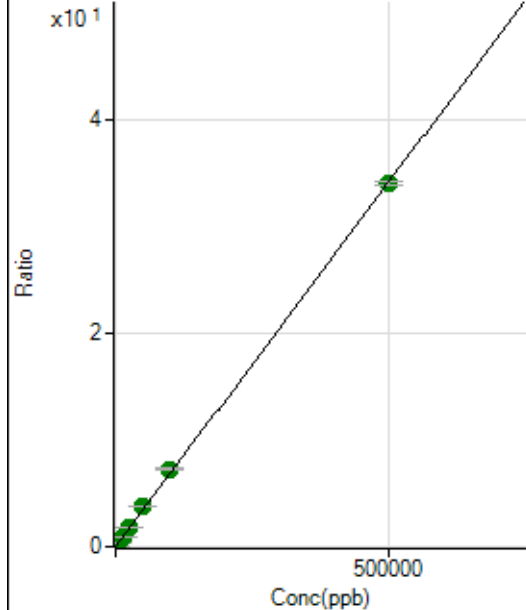
$$R = 0.9995$$

$$DL = 3.797$$

$$BEC = 6.944$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6133.56	0.0015	P	1.6
2	☐	500.000	549.302	163409.64	0.0390	P	1.3
3	☐	5000.000	5727.953	1593438.31	0.3921	A	1.3
4	☐	12500.000	13972.182	3859055.43	0.9542	A	2.4
5	☐	25000.000	27361.664	7484791.69	1.8671	A	1.2
6	☐	50000.000	55392.945	15062486.86	3.7784	A	2.1
7	☐	100000.00	106559.74	29563397.89	7.2672	A	2.2
8	☐	500000.00	497986.53	123437920.3	33.9564	A	1.2

$$y = 6.8184\text{E-}005 * x + 0.0015$$

$$R = 0.9999$$

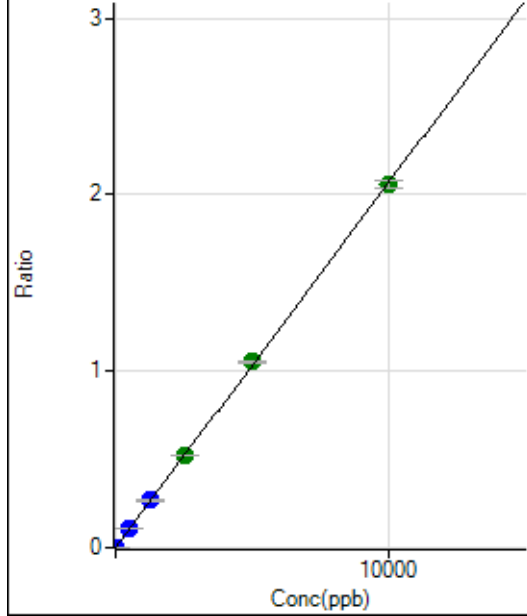
$$DL = 1.048$$

$$BEC = 22.09$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	107.78	0.0000	P	8.9
2	☐	5.000	4.939	4392.90	0.0010	P	2.1
3	☐	500.000	523.820	440225.68	0.1083	P	0.6
4	☐	1250.000	1292.899	1081136.42	0.2673	P	1.1
5	☐	2500.000	2529.675	2096455.53	0.5230	A	1.0
6	☐	5000.000	5085.842	4191484.73	1.0514	A	1.1
7	☐	10000.000	9943.107	8361915.71	2.0555	A	2.2
8	☐			2117.97	0.0006	P	28.2

$$y = 2.0673\text{E-}004 * x + 2.6453\text{E-}005$$

$$R = 0.9999$$

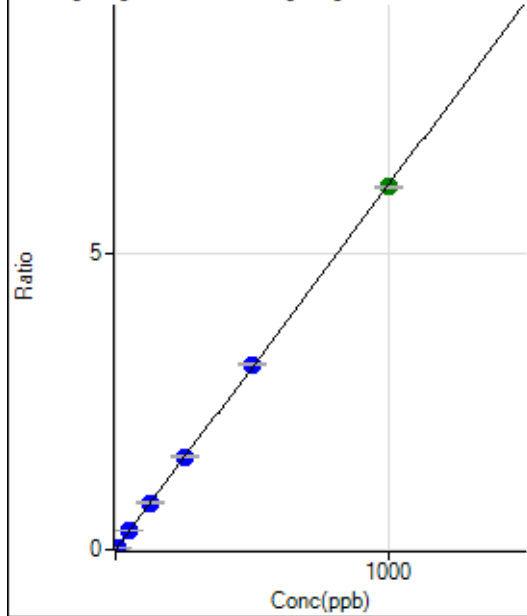
$$DL = 0.03431$$

$$BEC = 0.128$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.4
2	☐	5.000	5.085	9677.62	0.0313	P	2.9
3	☐	50.000	52.219	97353.39	0.3215	P	1.4
4	☐	125.000	128.949	234177.98	0.7938	P	1.1
5	☐	250.000	255.506	460750.79	1.5729	P	0.9
6	☐	500.000	506.922	918381.11	3.1206	P	1.3
7	☐	1000.000	994.557	1780184.68	6.1224	A	0.6
8	☐			590.02	0.0022	P	2.3

$$y = 0.0062 * x + 3.9660\text{E-}005$$

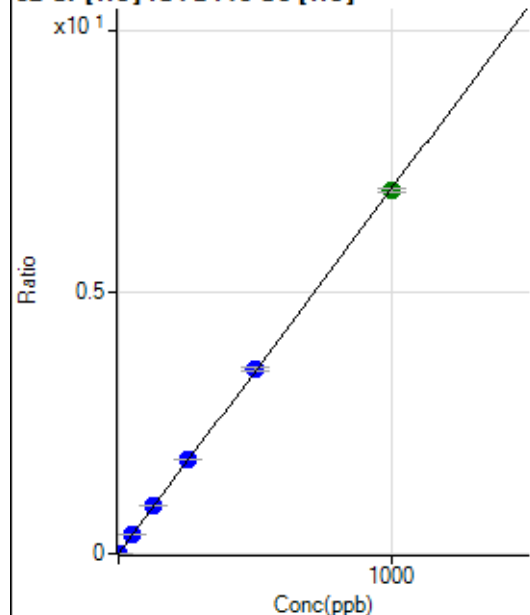
$$R = 0.9999$$

$$DL = 0.008007$$

$$BEC = 0.006443$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	837.81	0.0027	P	5.3
2	☐	2.000	2.005	5150.92	0.0167	P	2.3
3	☐	50.000	52.908	112414.70	0.3712	P	0.5
4	☐	125.000	130.230	268388.02	0.9098	P	0.5
5	☐	250.000	257.316	525790.66	1.7949	P	1.0
6	☐	500.000	505.835	1037665.63	3.5259	P	1.2
7	☐	1000.000	994.454	2014645.44	6.9291	A	1.0
8	☐			15128.79	0.0570	P	1.7

$$y = 0.0070 * x + 0.0027$$

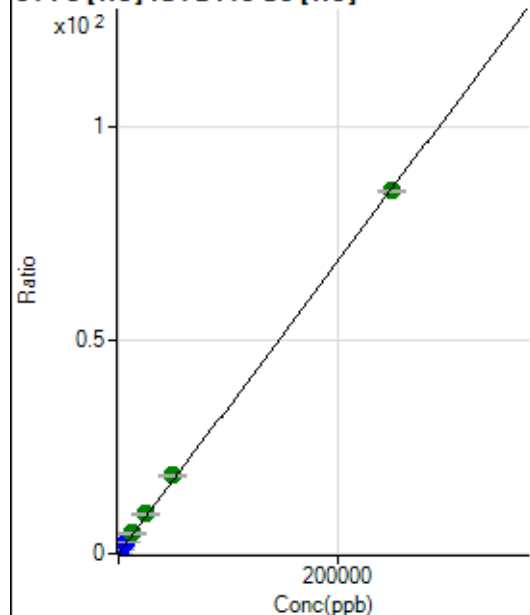
$$R = 0.9999$$

$$DL = 0.06184$$

$$BEC = 0.3906$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1558.98	0.0051	P	2.7
2	☐	50.000	57.368	7614.22	0.0247	P	1.9
3	☐	2500.000	2986.270	310447.08	1.0252	P	0.2
4	☐	6250.000	7375.515	744744.94	2.5245	P	0.3
5	☐	12500.000	13903.840	1392752.88	4.7546	A	1.1
6	☐	25000.000	27108.574	2726879.51	9.2653	A	0.6
7	☐	50000.000	53748.406	5339565.13	18.3654	A	1.2
8	☐	250000.00	248936.26	22569047.72	85.0410	A	0.8

$$y = 3.4160E-004 * x + 0.0051$$

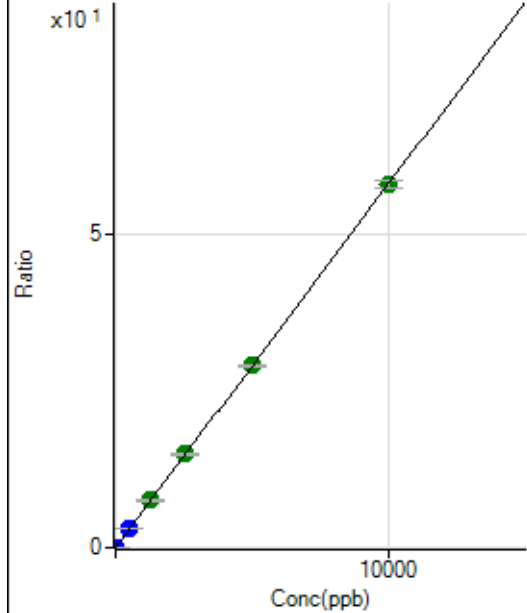
$$R = 0.9999$$

$$DL = 1.212$$

$$BEC = 14.82$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	156.67	0.0005	P	21.9
2	☐	1.000	1.009	1963.48	0.0064	P	4.3
3	☐	500.000	532.785	935757.22	3.0901	P	0.5
4	☐	1250.000	1303.625	2230209.85	7.5602	A	1.5
5	☐	2500.000	2565.012	4357255.18	14.8749	A	1.3
6	☐	5000.000	5005.112	8542550.64	29.0249	A	0.8
7	☐	10000.000	9972.849	16812814.34	57.8326	A	2.1
8	☐			8045.54	0.0303	P	2.6

$$y = 0.0058 * x + 5.0845E-004$$

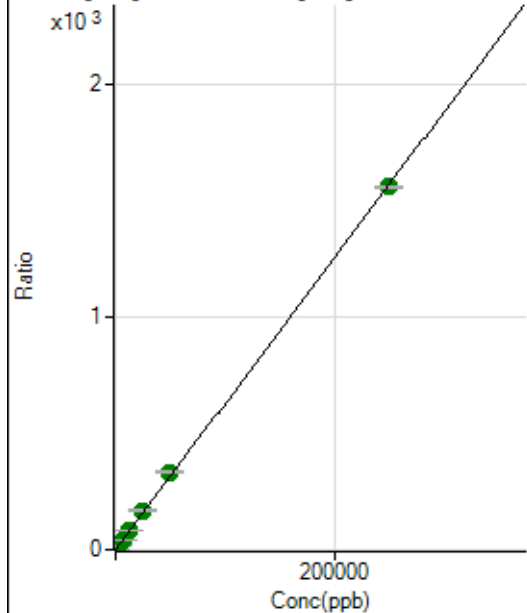
$$R = 1.0000$$

$$DL = 0.05754$$

$$BEC = 0.08768$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10934.05	0.0355	P	1.3
2	☐	50.000	55.643	118530.21	0.3839	P	0.9
3	☐	2500.000	2817.730	5353150.37	17.6777	A	1.3
4	☐	6250.000	6988.076	12917580.92	43.7888	A	1.2
5	☐	12500.000	13718.522	25172947.96	85.9291	A	0.2
6	☐	25000.000	26937.546	49646814.82	168.6953	A	1.6
7	☐	50000.000	53411.082	97224554.11	334.4499	A	2.5
8	☐	250000.00	249041.47	413838904.9	1,559.319	A	0.6

$$y = 0.0063 * x + 0.0355$$

$$R = 0.9999$$

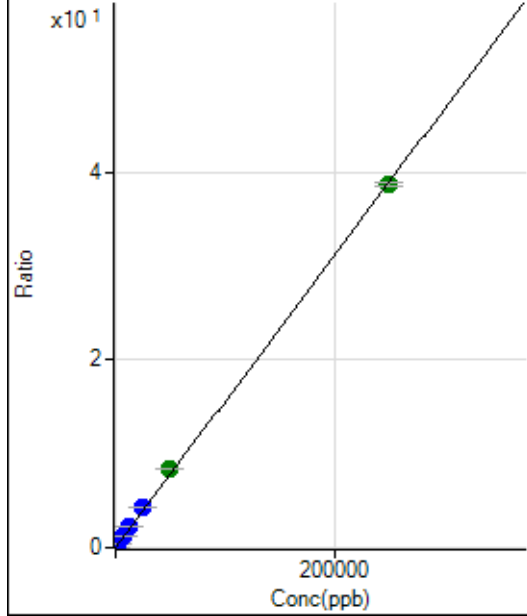
$$DL = 0.2235$$

$$BEC = 5.67$$

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	358.90	0.0012	P	11.6
2	☐	50.000	56.321	3063.68	0.0099	P	2.0
3	☐	2500.000	2953.873	139454.39	0.4605	P	1.0
4	☐	6250.000	7329.773	336588.05	1.1410	P	0.7
5	☐	12500.000	14338.609	653494.72	2.2309	P	0.9
6	☐	25000.000	27995.002	1281564.28	4.3545	P	1.2
7	☐	50000.000	54149.785	2448384.88	8.4217	A	1.7
8	☐	250000.00	248747.07	10266209.92	38.6823	A	1.1

$$y = 1.5550\text{E-}004 * x + 0.0012$$

$$R = 0.9998$$

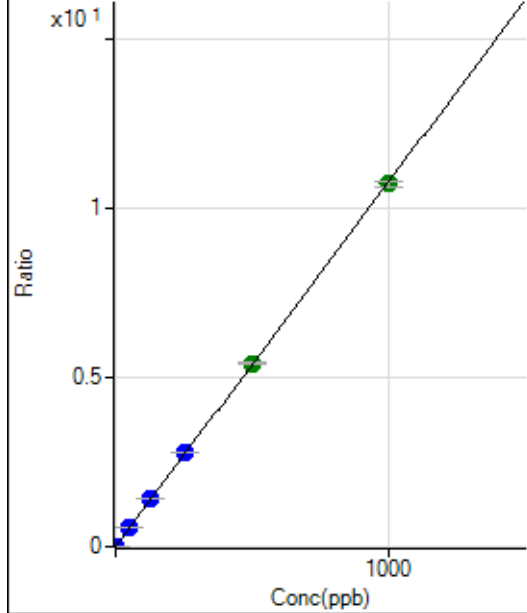
$$DL = 2.618$$

$$BEC = 7.494$$

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	27.78	0.0001	P	42.3
2	☐	1.000	1.091	3651.60	0.0118	P	1.8
3	☐	50.000	53.237	173500.08	0.5729	P	0.5
4	☐	125.000	132.124	419432.52	1.4218	P	0.4
5	☐	250.000	259.226	817108.01	2.7894	P	1.0
6	☐	500.000	503.192	1593626.94	5.4146	A	0.6
7	☐	1000.000	995.045	3112833.39	10.7070	A	1.7
8	☐			3228.15	0.0122	P	3.0

$$y = 0.0108 * x + 9.0265\text{E-}005$$

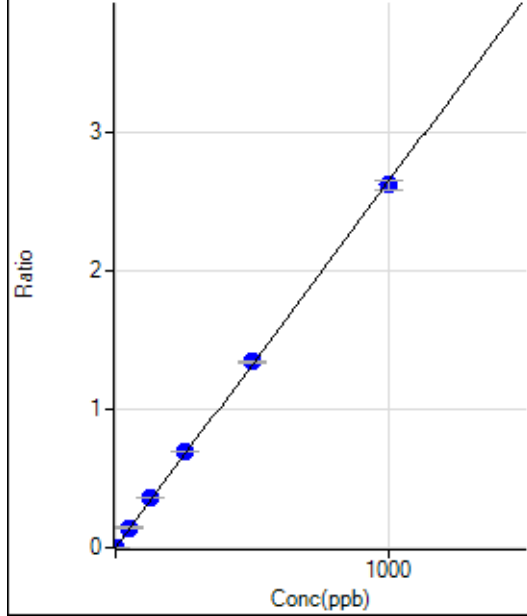
$$R = 0.9999$$

$$DL = 0.01066$$

$$BEC = 0.008389$$

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	80.00	0.0003	P	21.5
2	☐	1.000	1.092	971.15	0.0031	P	6.0
3	☐	50.000	54.811	43956.41	0.1452	P	1.2
4	☐	125.000	135.761	105953.96	0.3592	P	0.3
5	☐	250.000	263.481	204114.65	0.6968	P	0.7
6	☐	500.000	508.326	395556.66	1.3441	P	1.1
7	☐	1000.000	990.881	761540.77	2.6197	P	2.4
8	☐			2431.33	0.0092	P	2.9

$$y = 0.0026 * x + 2.5969E-004$$

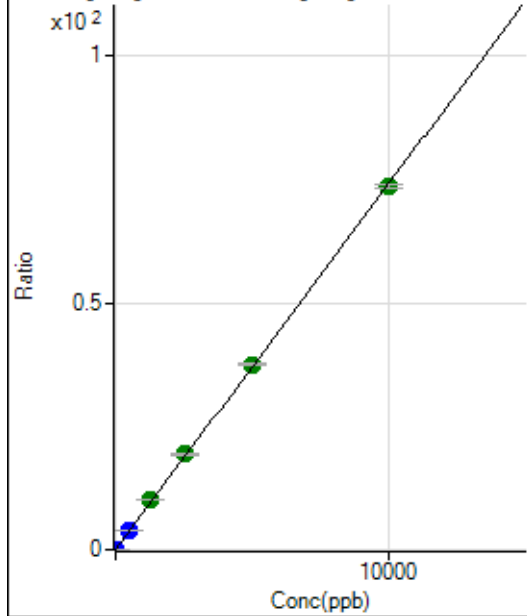
$$R = 0.9998$$

$$DL = 0.06339$$

$$BEC = 0.09823$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	747.81	0.0024	P	2.0
2	☐	2.000	2.128	5615.54	0.0182	P	3.2
3	☐	500.000	545.442	1223589.20	4.0406	P	0.4
4	☐	1250.000	1361.657	2974642.66	10.0834	A	0.8
5	☐	2500.000	2615.340	5672330.89	19.3651	A	1.9
6	☐	5000.000	5066.795	11041263.31	37.5144	A	0.4
7	☐	10000.000	9921.538	21357241.07	73.4565	A	1.2
8	☐			3273.73	0.0123	P	4.7

$$y = 0.0074 * x + 0.0024$$

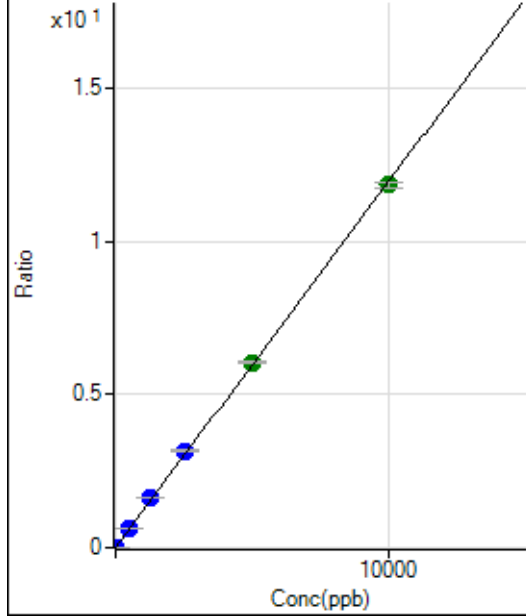
$$R = 0.9999$$

$$DL = 0.02016$$

$$BEC = 0.328$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	135.56	0.0004	P	18.2
2	☐	2.000	2.330	995.60	0.0032	P	2.7
3	☐	500.000	544.979	197320.75	0.6516	P	0.6
4	☐	1250.000	1352.518	476857.37	1.6165	P	0.8
5	☐	2500.000	2647.498	926755.45	3.1637	P	0.9
6	☐	5000.000	5066.135	1781551.48	6.0536	A	1.8
7	☐	10000.000	9914.995	3444458.67	11.8471	A	1.4
8	☐			14884.17	0.0561	P	0.8

$$y = 0.0012 * x + 4.4019E-004$$

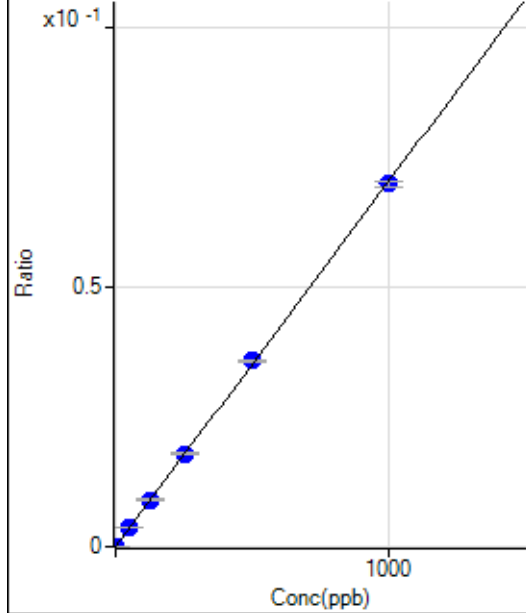
$$R = 0.9998$$

$$DL = 0.2016$$

$$BEC = 0.3684$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	1.000	1.057	264.45	0.0001	P	9.8
3	☐	50.000	53.018	12973.51	0.0037	P	0.7
4	☐	125.000	128.973	31345.32	0.0091	P	2.1
5	☐	250.000	255.343	61736.60	0.0179	P	1.5
6	☐	500.000	508.350	122546.48	0.0357	P	1.4
7	☐	1000.000	993.842	238946.78	0.0698	P	1.8
8	☐			63.33	0.0000	P	13.8

$$y = 7.0271E-005 * x + 0.0000E+000$$

$$R = 0.9999$$

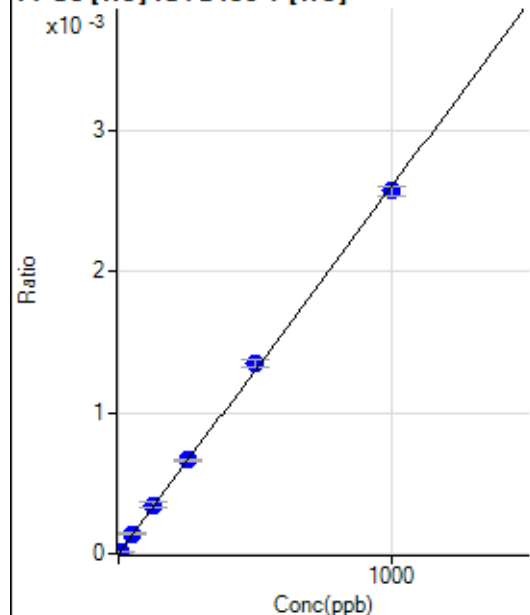
$$DL = 0$$

$$BEC = 0$$

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	5.882	55.56	0.0000	P	38.2
3	☐	50.000	53.442	484.46	0.0001	P	6.2
4	☐	125.000	133.248	1198.95	0.0003	P	8.9
5	☐	250.000	254.459	2274.64	0.0007	P	0.6
6	☐	500.000	518.340	4617.43	0.0013	P	4.8
7	☐	1000.000	988.508	8782.68	0.0026	P	2.7
8	☐			4.44	0.0000	P	114.

$$y = 2.5966\text{E-}006 * x + 3.1677\text{E-}007$$

$$R = 0.9997$$

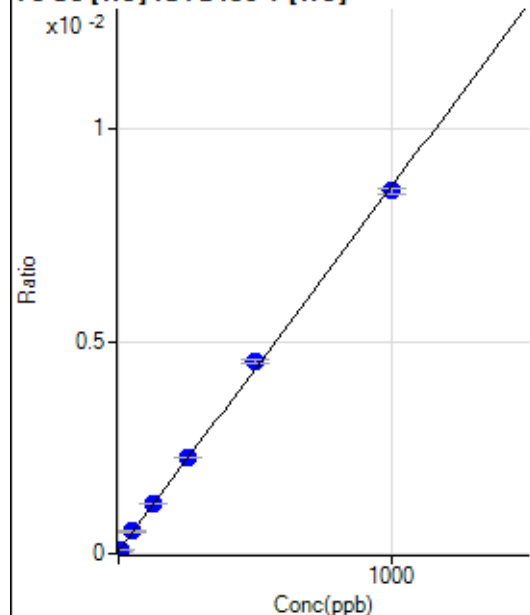
$$DL = 0.6339$$

$$BEC = 0.122$$

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	221.11	0.0001	P	8.7
2	☐	5.000	4.560	361.12	0.0001	P	2.9
3	☐	50.000	53.870	1826.80	0.0005	P	4.5
4	☐	125.000	130.754	4098.38	0.0012	P	1.1
5	☐	250.000	257.050	7807.67	0.0023	P	0.7
6	☐	500.000	518.774	15488.21	0.0045	P	2.3
7	☐	1000.000	987.940	29226.67	0.0085	P	1.5
8	☐			212.23	0.0001	P	4.5

$$y = 8.5832\text{E-}006 * x + 6.2308\text{E-}005$$

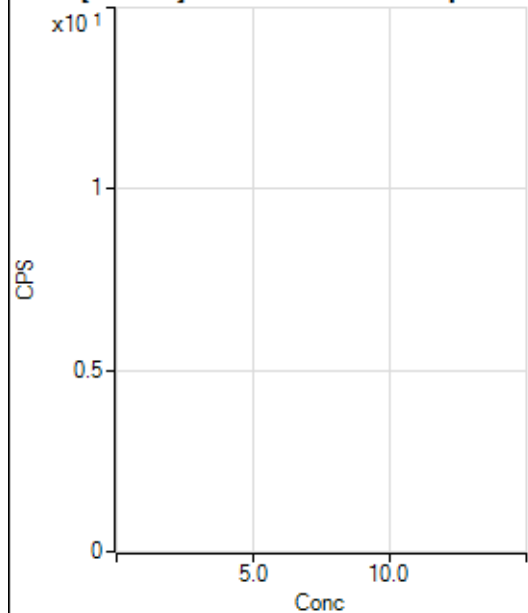
$$R = 0.9997$$

$$DL = 1.901$$

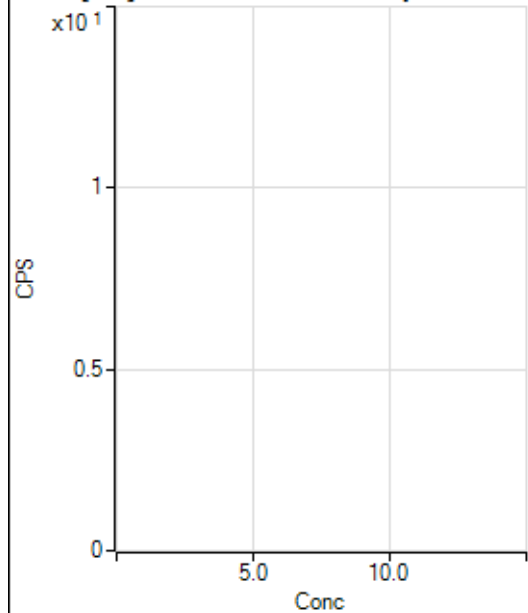
$$BEC = 7.259$$

Weight: <None>

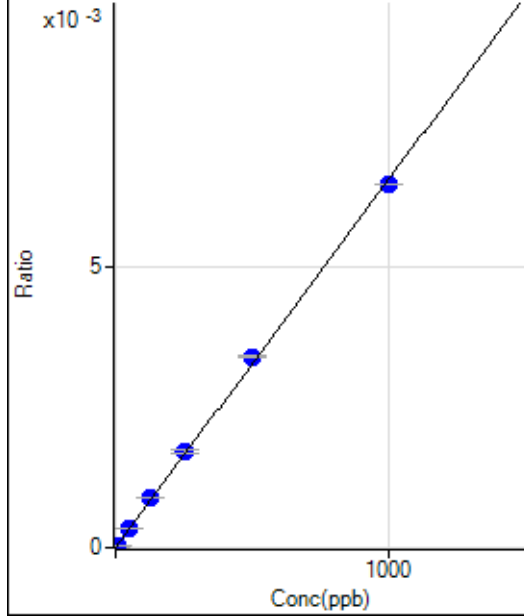
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36537.47		P	1.2
2	☐			35954.97		P	0.9
3	☐			35370.11		P	2.0
4	☐			35385.83		P	1.6
5	☐			35285.66		P	1.3
6	☐			35124.08		P	2.0
7	☐			35286.66		P	1.4
8	☐			33764.22		P	1.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	47.5
2	☐			35.56		P	23.6
3	☐			52.22		P	29.5
4	☐			38.89		P	21.6
5	☐			52.22		P	9.7
6	☐			50.00		P	0.0
7	☐			50.00		P	30.6
8	☐			51.11		P	30.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.35	0.0000	P	23.6
2	☐	5.000	5.448	532.94	0.0000	P	9.1
3	☐	50.000	54.071	5140.95	0.0004	P	2.2
4	☐	125.000	135.855	12770.97	0.0009	P	0.9
5	☐	250.000	261.565	24949.54	0.0017	P	3.7
6	☐	500.000	518.626	49249.91	0.0034	P	1.2
7	☐	1000.000	986.233	95764.39	0.0065	P	0.2
8	☐			234.53	0.0000	P	15.8

$$y = 6.5516E-006 * x + 8.5467E-007$$

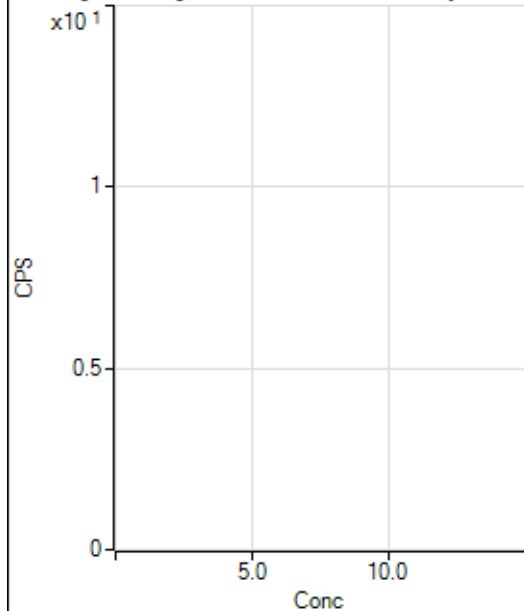
$$R = 0.9996$$

$$DL = 0.09228$$

$$BEC = 0.1305$$

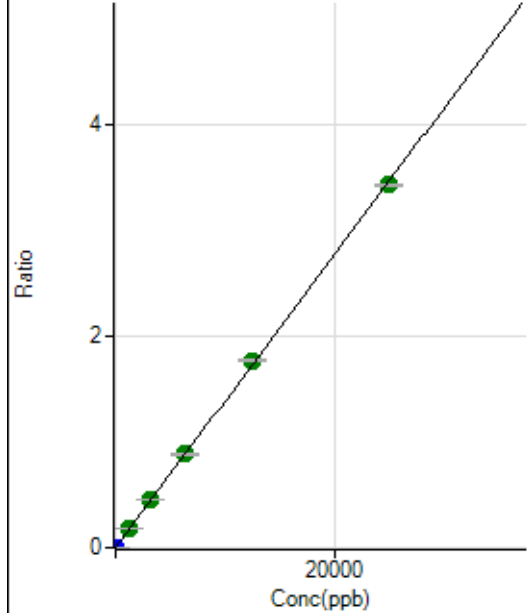
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			100.00		P	3.3
2	☐			88.89		P	24.4
3	☐			93.33		P	3.6
4	☐			106.67		P	11.3
5	☐			111.11		P	10.5
6	☐			113.34		P	12.8
7	☐			110.00		P	21.0
8	☐			125.56		P	21.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.34	0.0000	P	6.8
2	☐	1.000	0.966	2203.52	0.0002	P	6.9
3	☐	1250.000	1337.007	2676322.62	0.1849	A	0.4
4	☐	3125.000	3278.182	6497030.18	0.4532	A	1.1
5	☐	6250.000	6378.001	12833405.92	0.8818	A	2.3
6	☐	12500.000	12781.608	25606444.34	1.7671	A	1.2
7	☐	25000.000	24803.698	50816712.02	3.4291	A	0.9
8	☐			18874.72	0.0015	P	25.8

$$y = 1.3825E-004 * x + 1.7550E-005$$

$$R = 0.9999$$

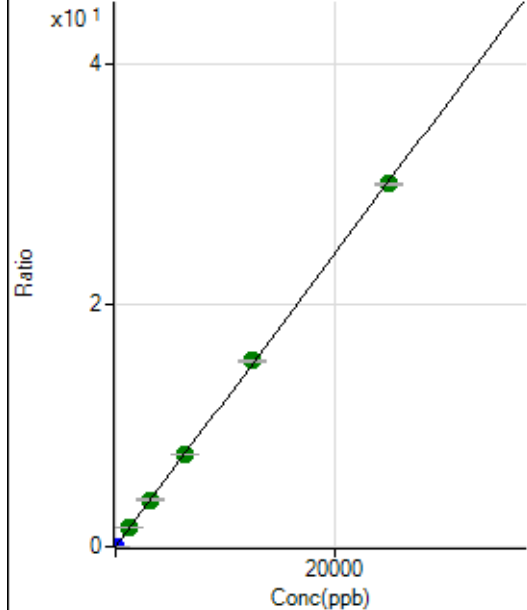
$$DL = 0.02589$$

$$BEC = 0.1269$$

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	892.26	0.0001	P	1.3
2	☐	1.000	0.989	18323.76	0.0013	P	1.4
3	☐	1250.000	1302.841	22789032.44	1.5741	A	2.5
4	☐	3125.000	3209.764	55590824.17	3.8779	A	2.2
5	☐	6250.000	6328.744	111295277.2	7.6461	A	1.3
6	☐	12500.000	12734.950	222958278.9	15.3858	A	0.8
7	☐	25000.000	24849.601	444896255.5	30.0221	A	0.2
8	☐			171756.25	0.0133	P	28.8

$$y = 0.0012 * x + 6.1811E-005$$

$$R = 0.9999$$

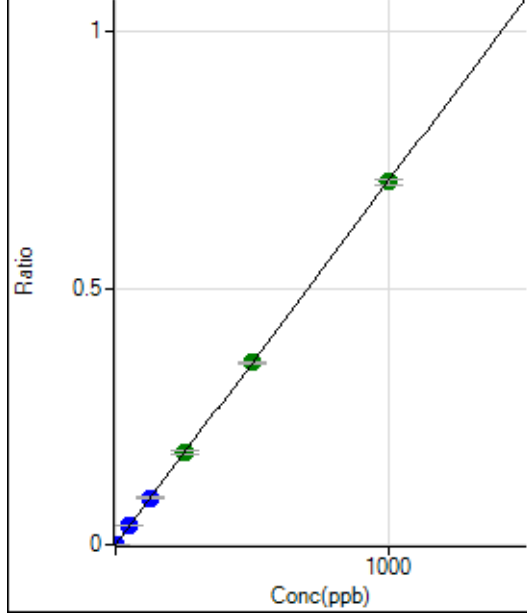
$$DL = 0.001934$$

$$BEC = 0.05116$$

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	434.46	0.0000	P	21.6
2	☐	1.000	0.984	10616.15	0.0007	P	1.5
3	☐	50.000	51.746	531590.10	0.0367	P	0.4
4	☐	125.000	129.165	1313172.51	0.0916	P	1.0
5	☐	250.000	253.486	2616074.86	0.1798	A	2.7
6	☐	500.000	501.968	5157783.85	0.3559	A	1.2
7	☐	1000.000	997.536	10481591.79	0.7073	A	1.4
8	☐			3740.12	0.0003	P	28.0

$$y = 7.0901\text{E-}004 * x + 3.0140\text{E-}005$$

$$R = 1.0000$$

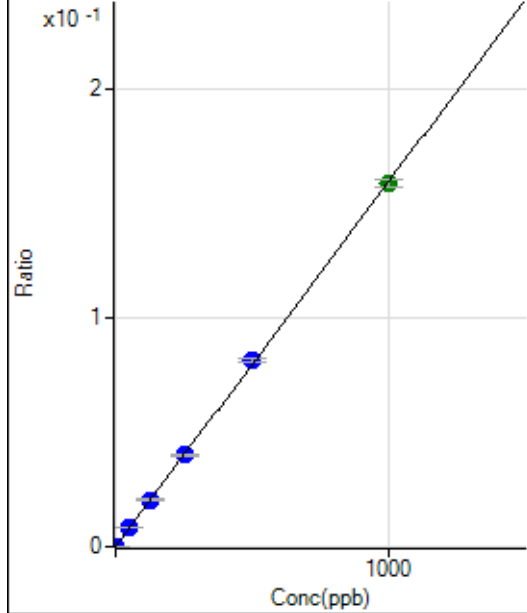
$$DL = 0.02759$$

$$BEC = 0.04251$$

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	90.00	0.0000	P	23.6
2	☐	1.000	0.966	2339.10	0.0002	P	3.4
3	☐	50.000	51.432	118928.14	0.0082	P	0.9
4	☐	125.000	128.786	294717.98	0.0206	P	0.9
5	☐	250.000	250.781	582601.86	0.0400	P	2.2
6	☐	500.000	509.119	1177464.86	0.0813	P	2.0
7	☐	1000.000	994.701	2352878.28	0.1588	A	1.9
8	☐			822.30	0.0001	P	36.0

$$y = 1.5960\text{E-}004 * x + 6.2385\text{E-}006$$

$$R = 0.9999$$

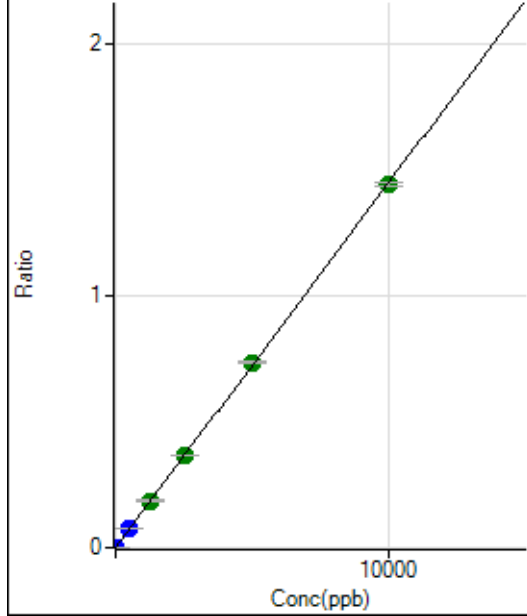
$$DL = 0.02763$$

$$BEC = 0.03909$$

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	181.12	0.0000	P	19.8
2	☐	5.000	5.818	12476.53	0.0009	P	2.2
3	☐	500.000	520.259	1091690.98	0.0754	P	1.7
4	☐	1250.000	1288.360	2676521.07	0.1867	A	1.7
5	☐	2500.000	2531.369	5339476.97	0.3668	A	1.9
6	☐	5000.000	5078.098	10664120.61	0.7359	A	0.9
7	☐	10000.000	9947.300	21362892.18	1.4415	A	0.9
8	☐			7206.99	0.0006	P	27.4

$$y = 1.4492\text{E-}004 * x + 1.2559\text{E-}005$$

$$R = 0.9999$$

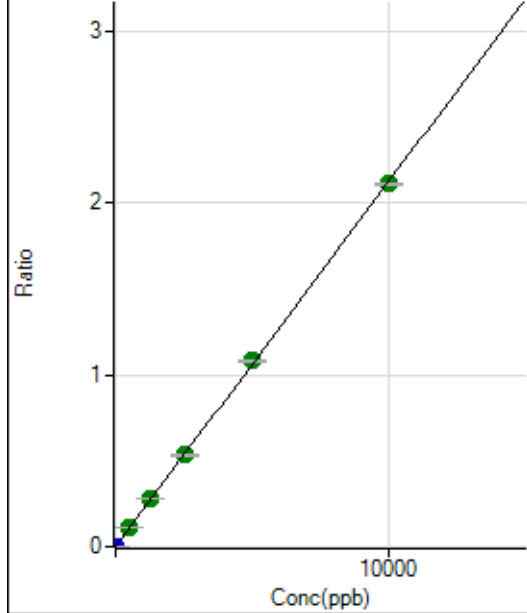
$$DL = 0.0516$$

$$BEC = 0.08667$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0000	P	19.9
2	☐	5.000	4.979	15515.01	0.0011	P	1.7
3	☐	500.000	520.632	1600823.50	0.1106	A	1.0
4	☐	1250.000	1298.753	3953726.89	0.2758	A	0.8
5	☐	2500.000	2507.968	7750962.11	0.5326	A	3.1
6	☐	5000.000	5100.405	15696287.54	1.0832	A	1.2
7	☐	10000.000	9940.680	31283810.09	2.1111	A	0.4
8	☐			8748.41	0.0007	P	32.5

$$y = 2.1237\text{E-}004 * x + 6.7034\text{E-}006$$

$$R = 0.9999$$

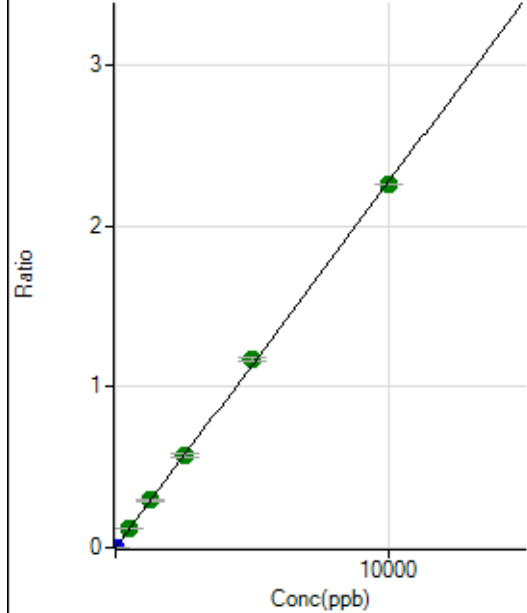
$$DL = 0.01881$$

$$BEC = 0.03157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.22	0.0000	P	3.6
2	☐	5.000	5.022	16776.40	0.0012	P	3.3
3	☐	500.000	523.151	1722759.99	0.1190	A	1.7
4	☐	1250.000	1297.668	4230679.80	0.2951	A	1.8
5	☐	2500.000	2520.096	8341754.46	0.5732	A	2.7
6	☐	5000.000	5130.259	16907319.19	1.1668	A	2.0
7	☐	10000.000	9922.731	33443858.95	2.2568	A	0.1
8	☐			22221.64	0.0017	P	14.2

$$y = 2.2744\text{E-}004 * x + 8.4665\text{E-}006$$

$$R = 0.9999$$

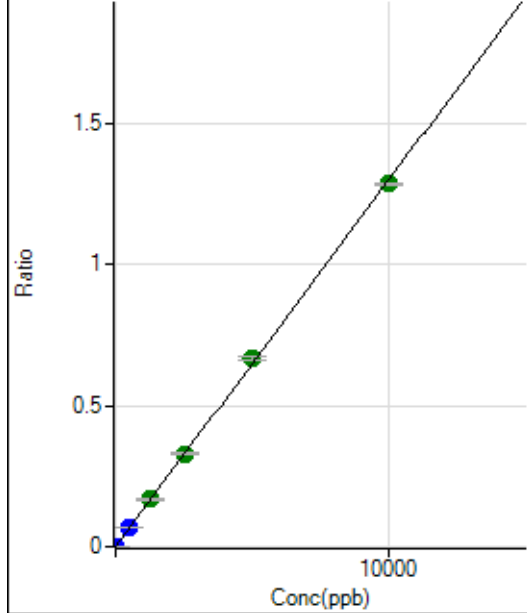
$$DL = 0.003966$$

$$BEC = 0.03723$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.78	0.0000	P	16.7
2	☐	5.000	4.952	9417.57	0.0006	P	3.2
3	☐	500.000	524.119	984679.30	0.0680	P	0.4
4	☐	1250.000	1298.018	2414341.91	0.1684	A	2.2
5	☐	2500.000	2530.326	4778681.98	0.3283	A	2.4
6	☐	5000.000	5164.452	9710394.99	0.6702	A	2.1
7	☐	10000.000	9902.984	19042772.36	1.2850	A	0.4
8	☐			5486.98	0.0004	P	28.8

$$y = 1.2976\text{E-}004 * x + 3.3120\text{E-}006$$

$$R = 0.9998$$

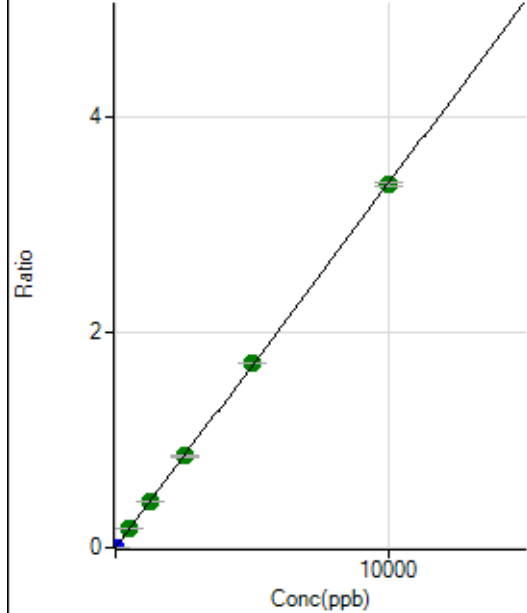
$$DL = 0.01278$$

$$BEC = 0.02552$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	124.45	0.0000	P	21.7
2	☐	5.000	4.877	24227.88	0.0017	P	1.1
3	☐	500.000	518.873	2546114.11	0.1759	A	0.2
4	☐	1250.000	1279.876	6218214.70	0.4338	A	1.2
5	☐	2500.000	2507.605	12369049.68	0.8499	A	2.5
6	☐	5000.000	5074.898	24925852.96	1.7200	A	0.3
7	☐	10000.000	9955.972	50006512.03	3.3743	A	1.1
8	☐			13263.27	0.0010	P	31.5

$$y = 3.3892\text{E-}004 * x + 8.6133\text{E-}006$$

$$R = 1.0000$$

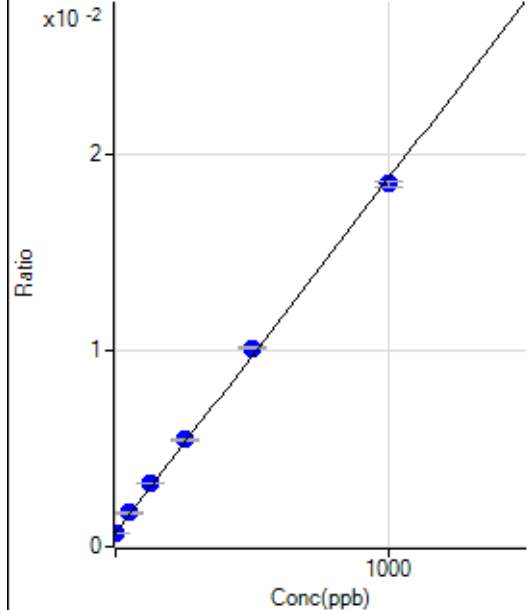
$$DL = 0.01652$$

$$BEC = 0.02541$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6081.32	0.0007	P	2.7
2	☐	1.000	1.237	6292.53	0.0007	P	0.5
3	☐	50.000	56.415	14892.18	0.0017	P	2.0
4	☐	125.000	139.675	27732.04	0.0032	P	0.9
5	☐	250.000	262.719	48175.13	0.0055	P	1.5
6	☐	500.000	520.066	89658.92	0.0101	P	1.0
7	☐	1000.000	984.632	165868.55	0.0185	P	1.5
8	☐			5489.98	0.0007	P	2.5

$$y = 1.8082\text{E-}005 * x + 7.0499\text{E-}004$$

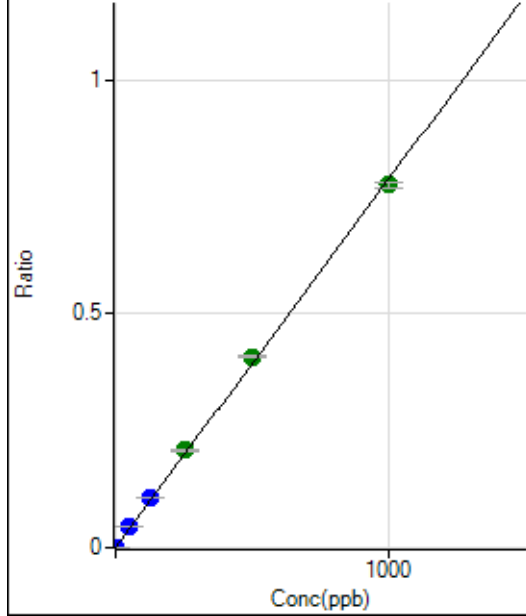
$$R = 0.9996$$

$$DL = 3.188$$

$$BEC = 38.99$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0000	P	7.8
2	☐	1.000	1.089	7512.01	0.0009	P	3.0
3	☐	50.000	55.534	377953.54	0.0438	P	1.5
4	☐	125.000	136.609	924461.86	0.1077	P	0.8
5	☐	250.000	264.505	1841339.02	0.2085	A	1.2
6	☐	500.000	519.378	3630898.00	0.4094	A	0.8
7	☐	1000.000	984.957	6957789.62	0.7764	A	1.7
8	☐			3332.67	0.0004	P	16.6

$$y = 7.8825\text{E-}004 * x + 1.0174\text{E-}005$$

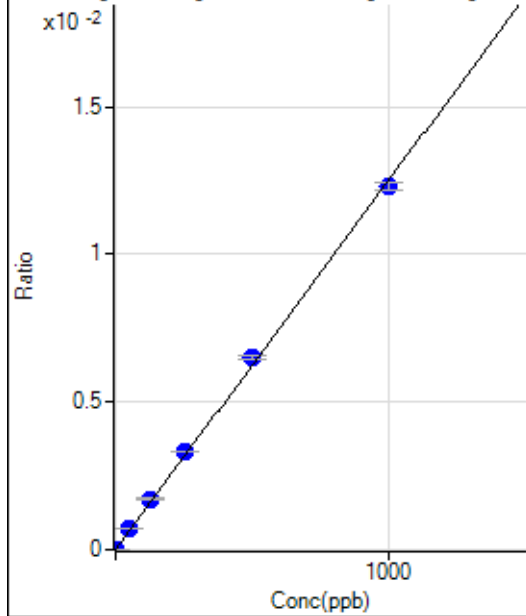
$$R = 0.9996$$

$$DL = 0.003006$$

$$BEC = 0.01291$$

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	20.00	0.0000	P	0.4
2	☐	1.000	1.059	134.44	0.0000	P	3.1
3	☐	50.000	56.113	6069.10	0.0007	P	2.3
4	☐	125.000	137.660	14776.50	0.0017	P	1.2
5	☐	250.000	264.931	29237.28	0.0033	P	0.8
6	☐	500.000	522.268	57869.35	0.0065	P	1.5
7	☐	1000.000	983.245	110051.23	0.0123	P	2.3
8	☐			74.45	0.0000	P	26.6

$$y = 1.2488\text{E-}005 * x + 2.3184\text{E-}006$$

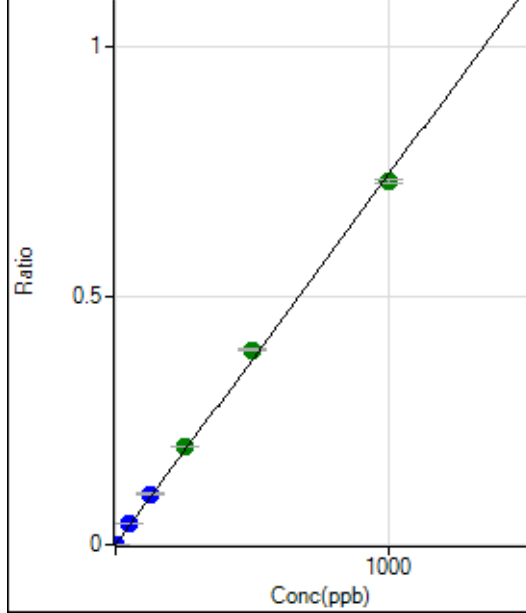
$$R = 0.9995$$

$$DL = 0.002039$$

$$BEC = 0.1857$$

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	26.67	0.0000	P	25.2
2	☐	1.000	1.088	7026.21	0.0008	P	2.9
3	☐	50.000	55.863	358719.43	0.0416	P	2.2
4	☐	125.000	137.050	875159.82	0.1019	P	1.1
5	☐	250.000	265.981	1747272.98	0.1979	A	0.9
6	☐	500.000	526.980	3476617.73	0.3920	A	0.8
7	☐	1000.000	980.715	6537811.22	0.7295	A	1.0
8	☐			2983.68	0.0004	P	14.5

$$y = 7.4386\text{E-}004 * x + 3.0927\text{E-}006$$

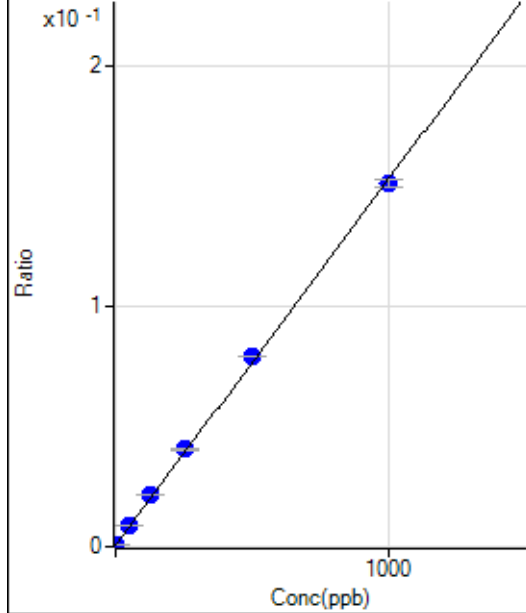
$$R = 0.9993$$

$$DL = 0.003147$$

$$BEC = 0.004158$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4248.48	0.0005	P	2.7
2	☐	1.000	1.189	5829.64	0.0007	P	0.8
3	☐	50.000	55.472	77283.14	0.0090	P	1.3
4	☐	125.000	137.586	184364.44	0.0215	P	0.7
5	☐	250.000	263.021	358573.83	0.0406	P	2.6
6	☐	500.000	514.982	700990.71	0.0790	P	0.3
7	☐	1000.000	987.407	1353959.14	0.1511	P	2.2
8	☐			4261.99	0.0005	P	1.3

$$y = 1.5252\text{E-}004 * x + 4.9252\text{E-}004$$

$$R = 0.9997$$

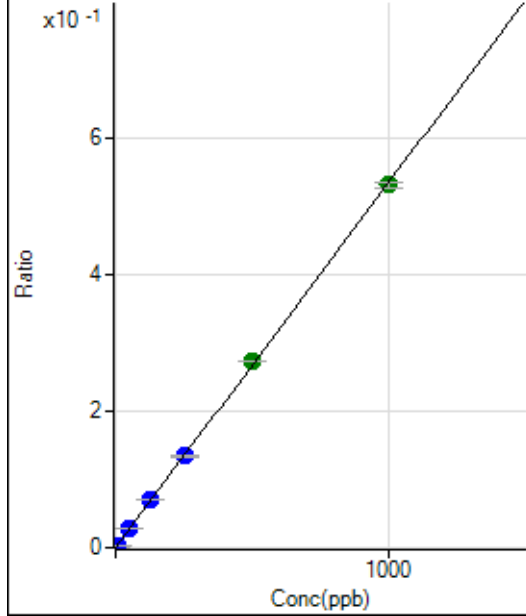
$$DL = 0.2591$$

$$BEC = 3.229$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	954.49	0.0001	P	7.1
2	☐	5.000	5.047	24313.94	0.0028	P	1.9
3	☐	50.000	52.711	244385.09	0.0283	P	0.9
4	☐	125.000	130.542	600466.92	0.0699	P	0.6
5	☐	250.000	251.584	1189518.43	0.1347	P	2.0
6	☐	500.000	509.436	2418154.08	0.2727	A	0.3
7	☐	1000.000	994.058	4766943.37	0.5319	A	1.5
8	☐			2854.76	0.0004	P	9.5

$$y = 5.3499\text{E-}004 * x + 1.1066\text{E-}004$$

$$R = 0.9999$$

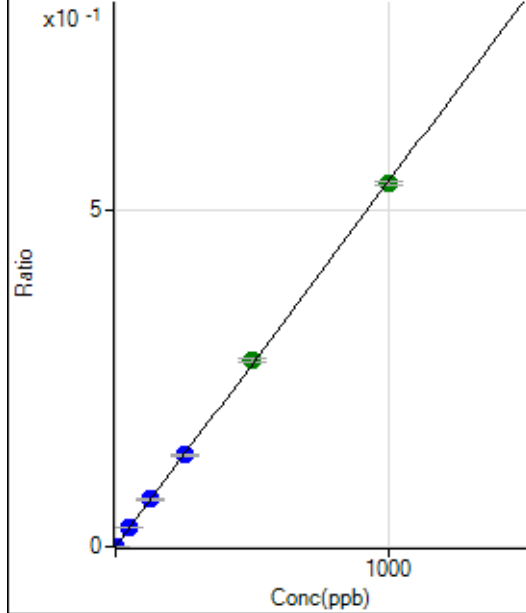
$$DL = 0.04407$$

$$BEC = 0.2068$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	18.5
2	☐	2.000	2.099	9901.26	0.0011	P	2.9
3	☐	50.000	51.557	241847.03	0.0280	P	2.2
4	☐	125.000	129.443	603800.56	0.0703	P	0.9
5	☐	250.000	251.039	1204523.41	0.1364	P	2.3
6	☐	500.000	511.101	2463270.73	0.2777	A	1.2
7	☐	1000.000	993.556	4838121.00	0.5399	A	1.1
8	☐			3219.28	0.0004	P	7.3

$$y = 5.4336\text{E-}004 * x + 4.2522\text{E-}006$$

$$R = 0.9999$$

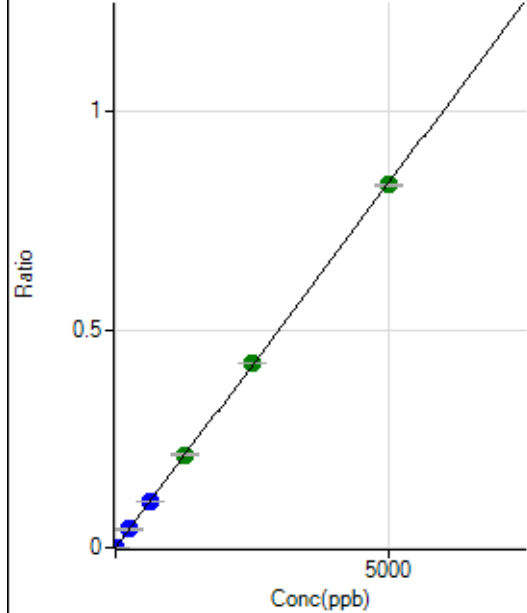
$$DL = 0.004344$$

$$BEC = 0.007826$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	66.0
2	☐	10.000	9.778	14180.50	0.0016	P	2.6
3	☐	250.000	251.997	364026.98	0.0422	P	2.1
4	☐	625.000	631.292	906905.92	0.1056	P	0.7
5	☐	1250.000	1275.553	1885035.09	0.2135	A	1.9
6	☐	2500.000	2533.121	3759541.40	0.4239	A	0.7
7	☐	5000.000	4976.165	7463040.10	0.8327	A	0.7
8	☐			4650.82	0.0006	P	11.7

$$y = 1.6735E-004 * x + 3.2181E-006$$

$$R = 1.0000$$

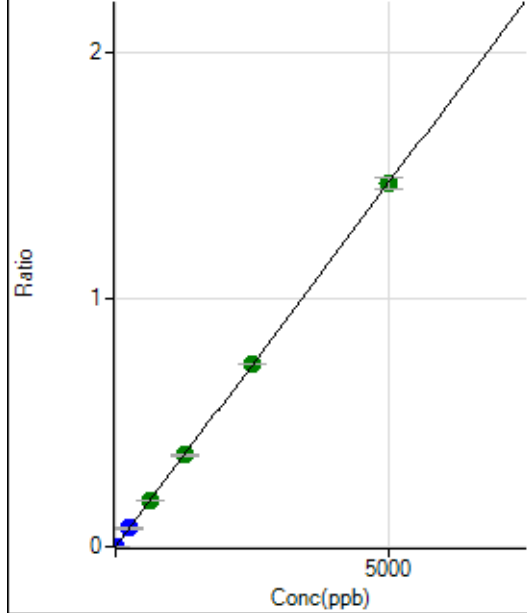
$$DL = 0.03807$$

$$BEC = 0.01923$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0000	P	9.5
2	☐	10.000	9.679	24678.18	0.0029	P	0.8
3	☐	250.000	251.316	638114.81	0.0739	P	1.5
4	☐	625.000	641.982	1620890.23	0.1888	A	0.4
5	☐	1250.000	1263.562	3281879.40	0.3716	A	1.3
6	☐	2500.000	2511.432	6551291.15	0.7387	A	0.3
7	☐	5000.000	4988.706	13147889.39	1.4672	A	3.0
8	☐			8161.33	0.0010	P	11.6

$$y = 2.9411E-004 * x + 6.0529E-006$$

$$R = 1.0000$$

$$DL = 0.005877$$

$$BEC = 0.02058$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐			11.11		P	17.3
3	☐			65.56		P	7.8
4	☐			153.34		P	17.4
5	☐			331.12		P	13.7
6	☐			650.02		P	0.9
7	☐			1247.85		P	6.2
8	☐			44.44		P	11.5

150 Nd [He] No available calibration points

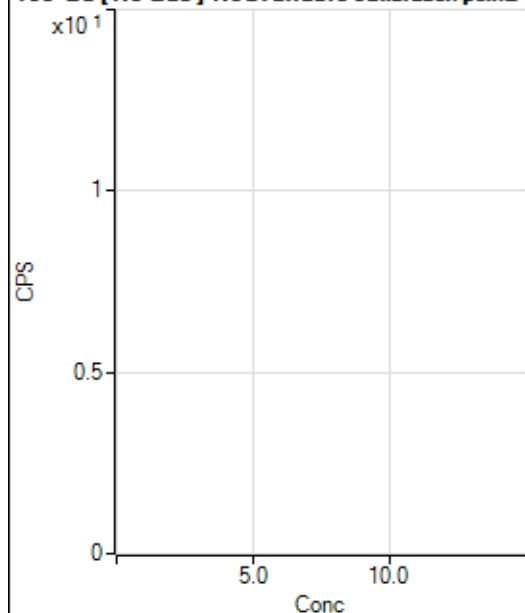
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			4.45		P	86.6
3	☐			14.44		P	13.4
4	☐			27.78		P	25.0
5	☐			57.78		P	8.8
6	☐			126.67		P	18.4
7	☐			205.56		P	8.9
8	☐			21.11		P	32.9

156 Dy [No Gas] No available calibration points

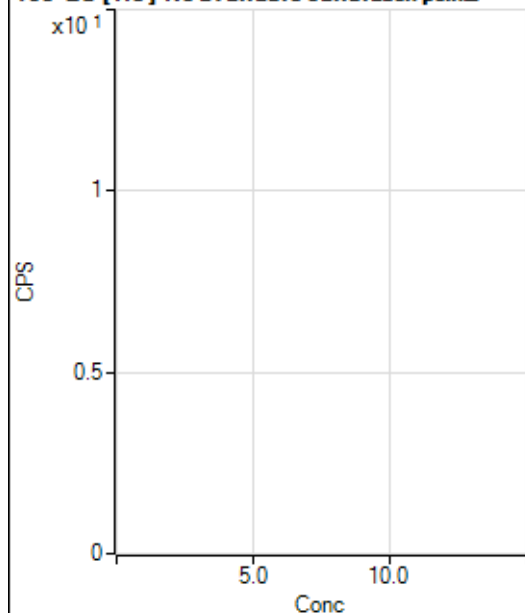
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			8.89		P	57.3
3	☐			23.33		P	37.8
4	☐			48.89		P	41.7
5	☐			131.12		P	33.1
6	☐			232.23		P	30.9
7	☐			465.57		P	23.4
8	☐			1186.73		P	5.9

156 Dy [He] No available calibration points

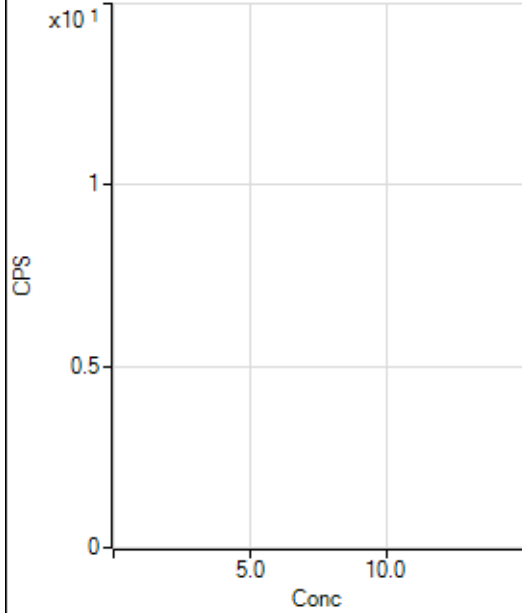
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	0.0
3	☐			23.33		P	42.9
4	☐			48.89		P	28.4
5	☐			140.00		P	16.7
6	☐			216.67		P	6.7
7	☐			444.46		P	12.8
8	☐			810.03		P	3.1

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

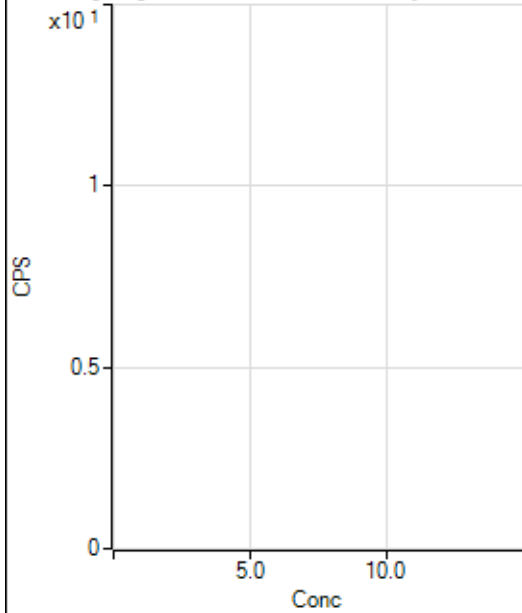
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	19.2
2	☐			43.33		P	20.4
3	☐			64.45		P	16.6
4	☐			80.00		P	18.2
5	☐			121.11		P	15.2
6	☐			214.45		P	5.5
7	☐			356.67		P	13.8
8	☐			1384.53		P	3.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			281.12		P	9.9
2	☐			254.45		P	9.3
3	☐			276.67		P	1.2
4	☐			298.90		P	0.6
5	☐			293.34		P	12.3
6	☐			347.79		P	9.1
7	☐			496.68		P	4.6
8	☐			1166.73		P	1.4

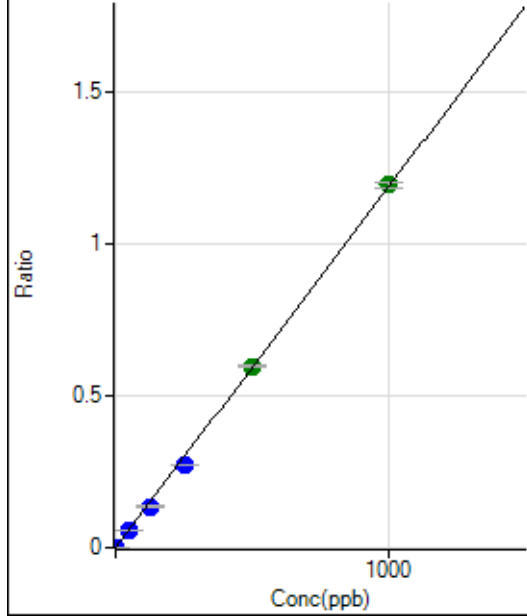
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	20.3
2	☐			70.00		P	26.5
3	☐			70.00		P	20.8
4	☐			74.45		P	43.0
5	☐			87.78		P	11.0
6	☐			80.00		P	21.7
7	☐			108.89		P	7.7
8	☐			120.00		P	5.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	50.8
2	☐			38.89		P	24.7
3	☐			44.44		P	34.6
4	☐			46.67		P	25.8
5	☐			55.56		P	33.0
6	☐			43.33		P	42.8
7	☐			67.78		P	17.3
8	☐			82.22		P	2.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	51.11	0.0000	P	14.3
2	☐	1.000	0.888	5721.26	0.0011	P	1.5
3	☐	50.000	45.723	289766.01	0.0544	P	1.3
4	☐	125.000	114.406	720461.53	0.1361	P	0.6
5	☐	250.000	228.885	1446286.44	0.2723	P	1.3
6	☐	500.000	503.189	3167754.36	0.5985	A	1.0
7	☐	1000.000	1005.222	6244609.42	1.1957	A	1.5
8	☐			1176.73	0.0003	P	35.6

$$y = 0.0012 * x + 9.7463E-006$$

$$R = 0.9997$$

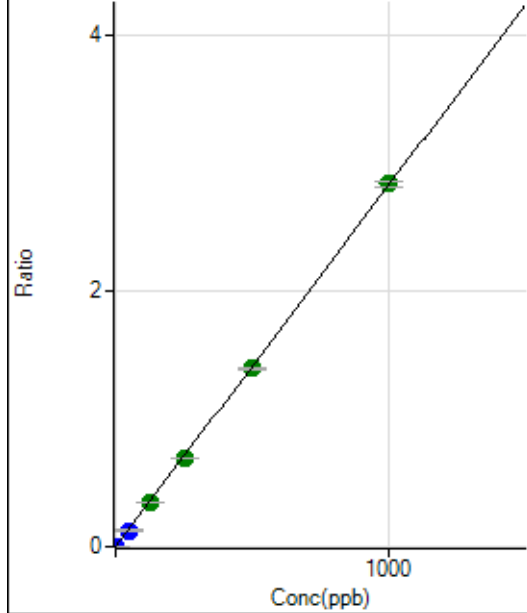
$$DL = 0.003525$$

$$BEC = 0.008194$$

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	112.89	0.0000	P	7.2
2	☐	1.000	0.890	13602.18	0.0025	P	1.4
3	☐	50.000	45.245	680532.46	0.1278	P	0.4
4	☐	125.000	122.094	1824958.64	0.3447	A	0.7
5	☐	250.000	245.604	3683436.79	0.6934	A	0.9
6	☐	500.000	493.642	7375469.85	1.3936	A	1.2
7	☐	1000.000	1004.879	14817052.90	2.8369	A	1.3
8	☐			2713.36	0.0006	P	40.0

$$y = 0.0028 * x + 2.1532E-005$$

$$R = 1.0000$$

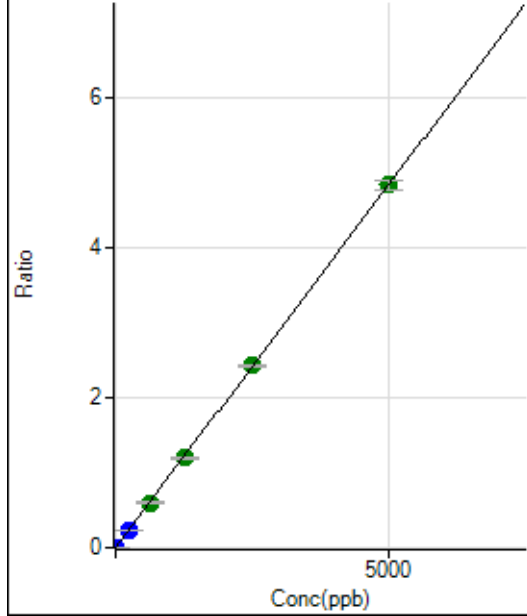
$$DL = 0.001642$$

$$BEC = 0.007627$$

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	268.89	0.0001	P	15.6
2	☐	1.000	0.891	4898.71	0.0009	P	3.3
3	☐	250.000	228.462	1177616.80	0.2211	P	0.1
4	☐	625.000	622.668	3189318.53	0.6024	A	0.3
5	☐	1250.000	1233.543	6339358.73	1.1934	A	2.3
6	☐	2500.000	2506.026	12831088.97	2.4244	A	0.3
7	☐	5000.000	5002.470	25274916.57	4.8396	A	2.4
8	☐			6021.47	0.0014	P	25.4

$$y = 9.6742\text{E-}004 * x + 5.1262\text{E-}005$$

$$R = 1.0000$$

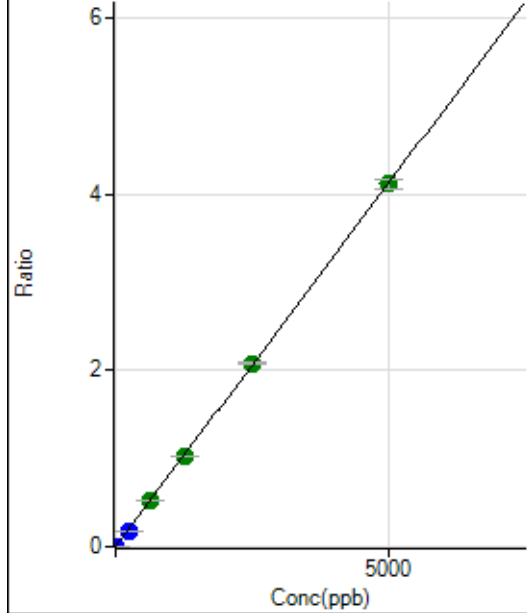
$$DL = 0.02473$$

$$BEC = 0.05299$$

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	201.12	0.0000	P	11.2
2	☐	1.000	0.845	3942.84	0.0007	P	2.3
3	☐	250.000	224.160	984554.14	0.1848	P	0.6
4	☐	625.000	627.892	2740242.25	0.5176	A	1.2
5	☐	1250.000	1247.034	5461119.43	1.0280	A	1.0
6	☐	2500.000	2519.922	10994640.53	2.0773	A	1.3
7	☐	5000.000	4991.711	21490361.49	4.1150	A	2.4
8	☐			5168.88	0.0012	P	23.7

$$y = 8.2435\text{E-}004 * x + 3.8359\text{E-}005$$

$$R = 1.0000$$

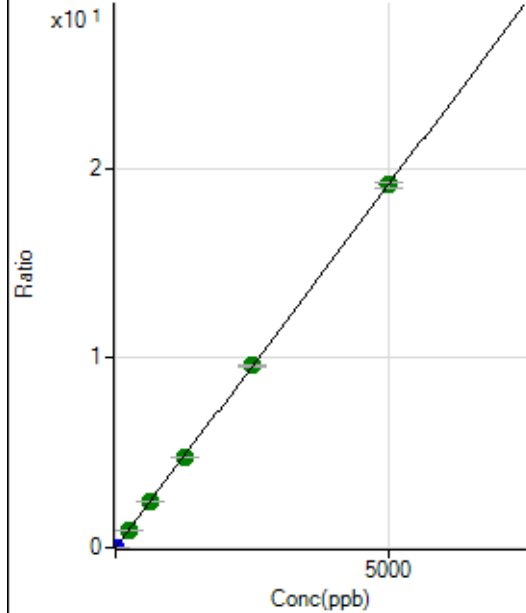
$$DL = 0.01558$$

$$BEC = 0.04653$$

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	1014.47	0.0002	P	6.1
2	☐	1.000	0.881	19153.35	0.0036	P	1.6
3	☐	250.000	241.677	4932316.89	0.9259	A	1.0
4	☐	625.000	625.007	12675398.59	2.3942	A	0.6
5	☐	1250.000	1241.456	25261718.79	4.7554	A	1.1
6	☐	2500.000	2506.327	50810146.33	9.6004	A	1.0
7	☐	5000.000	4999.388	100011306.7	19.1498	A	1.9
8	☐			23689.88	0.0057	P	25.1

$$y = 0.0038 * x + 1.9350E-004$$

$$R = 1.0000$$

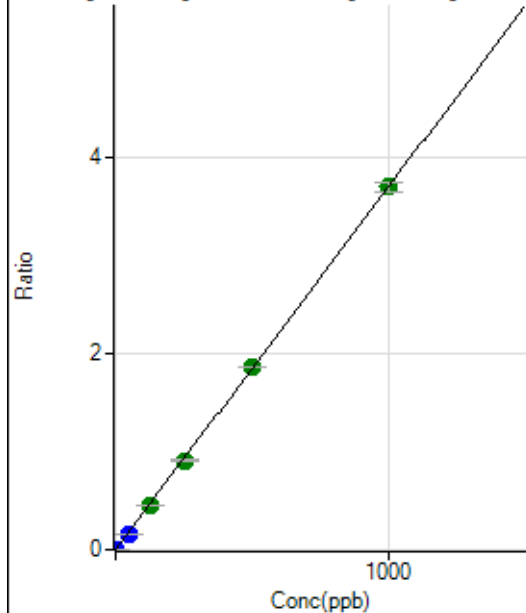
$$DL = 0.00927$$

$$BEC = 0.05052$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	32.22	0.0000	P	46.0
2	☐	1.000	0.821	16357.29	0.0030	P	1.5
3	☐	50.000	42.213	832860.62	0.1564	P	1.0
4	☐	125.000	122.893	2409663.85	0.4552	A	1.1
5	☐	250.000	245.802	4836079.79	0.9104	A	1.2
6	☐	500.000	503.464	9868683.05	1.8647	A	0.3
7	☐	1000.000	999.971	19341913.60	3.7036	A	2.5
8	☐			3032.67	0.0007	P	42.6

$$y = 0.0037 * x + 6.1325E-006$$

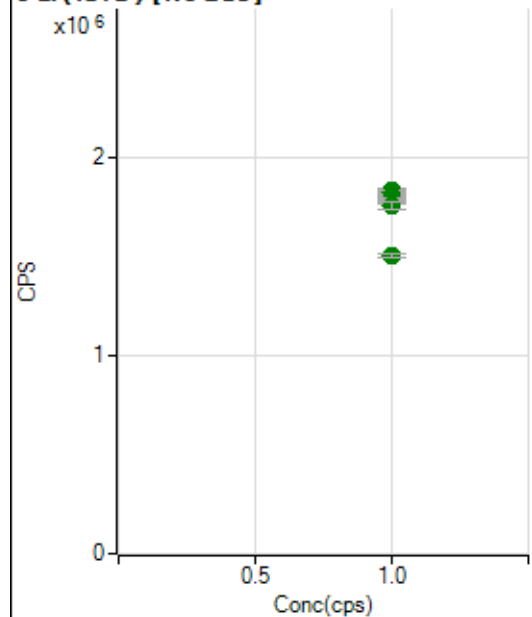
$$R = 1.0000$$

$$DL = 0.002284$$

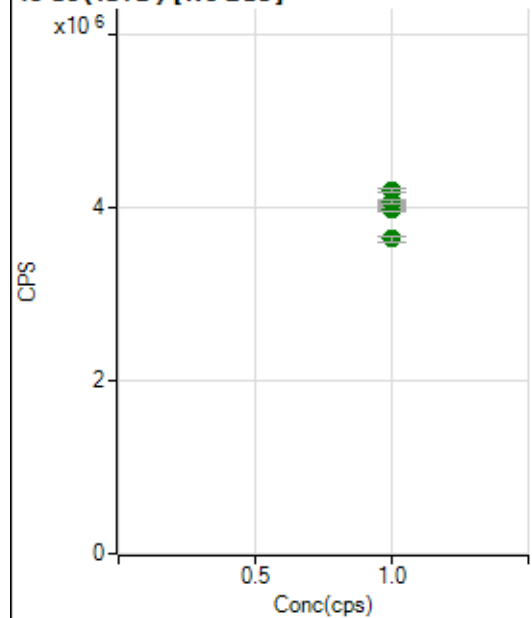
$$BEC = 0.001656$$

Weight: <None>

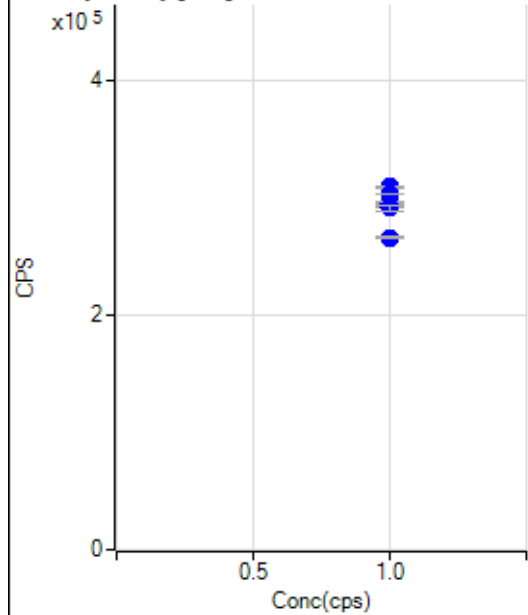
Min Conc: 0

6 Li (ISTD) [No Gas]

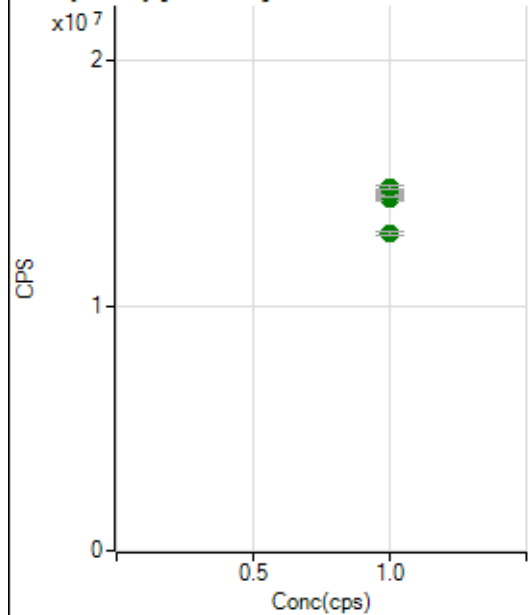
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1800523.39		A	2.9
2	☐	1.000		1835990.29		A	1.8
3	☐	1.000		1825304.85		A	1.8
4	☐	1.000		1807244.64		A	1.0
5	☐	1.000		1802751.90		A	1.2
6	☐	1.000		1793694.99		A	0.3
7	☐	1.000		1759003.06		A	2.0
8	☐	1.000		1507284.75		A	1.8

45 Sc (ISTD) [No Gas]

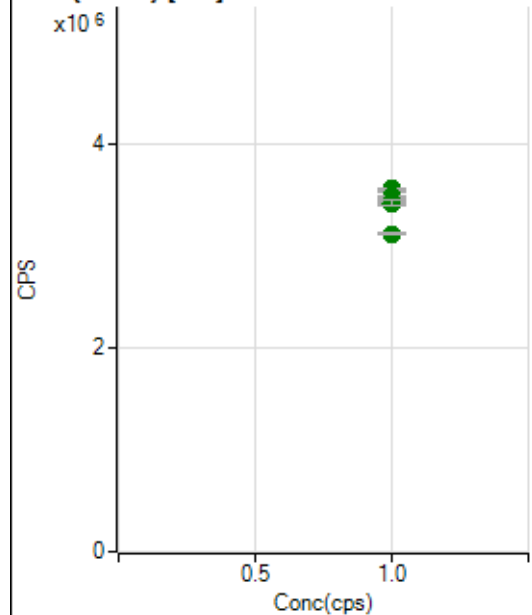
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4071903.06		A	1.0
2	☐	1.000		4194581.71		A	1.1
3	☐	1.000		4064489.66		A	0.7
4	☐	1.000		4044893.45		A	1.1
5	☐	1.000		4009031.68		A	1.2
6	☐	1.000		3986824.14		A	1.1
7	☐	1.000		4068684.52		A	1.1
8	☐	1.000		3635703.31		A	2.4

45 Sc (ISTD) [He]

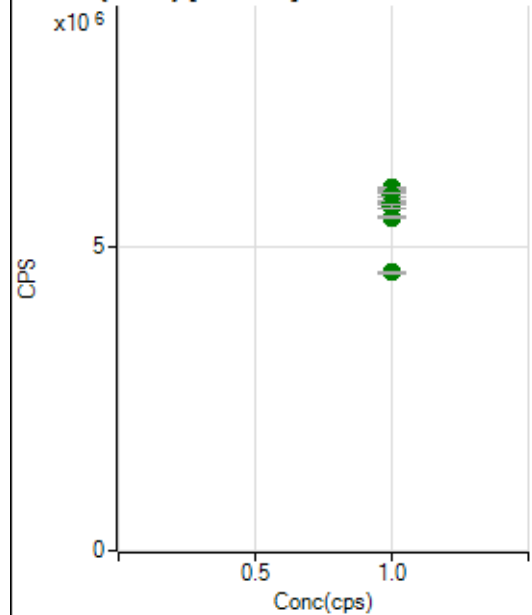
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		307992.53		P	0.3
2	☐	1.000		308756.39		P	0.7
3	☐	1.000		302826.35		P	0.3
4	☐	1.000		295008.06		P	0.5
5	☐	1.000		292947.73		P	0.9
6	☐	1.000		294319.56		P	0.8
7	☐	1.000		290787.60		P	2.0
8	☐	1.000		265398.51		P	0.6

89 Y (ISTD) [No Gas]

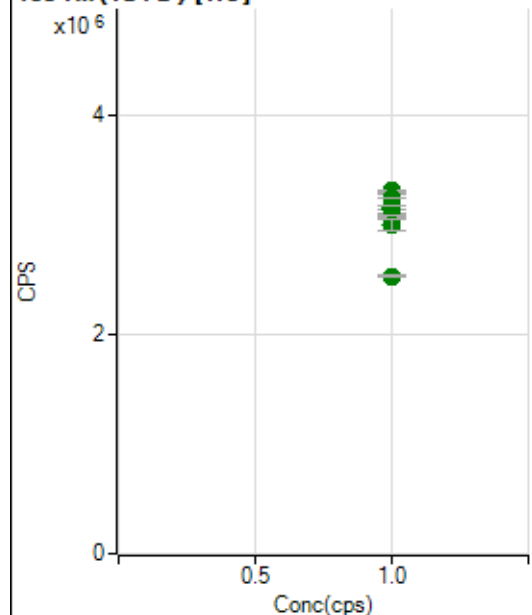
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14434312.43		A	0.9
2	☐	1.000		14582611.45		A	0.8
3	☐	1.000		14477670.20		A	0.2
4	☐	1.000		14334739.65		A	0.4
5	☐	1.000		14557495.62		A	1.6
6	☐	1.000		14491929.09		A	1.0
7	☐	1.000		14818968.81		A	0.9
8	☐	1.000		12961524.39		A	0.6

89 Y (ISTD) [He]

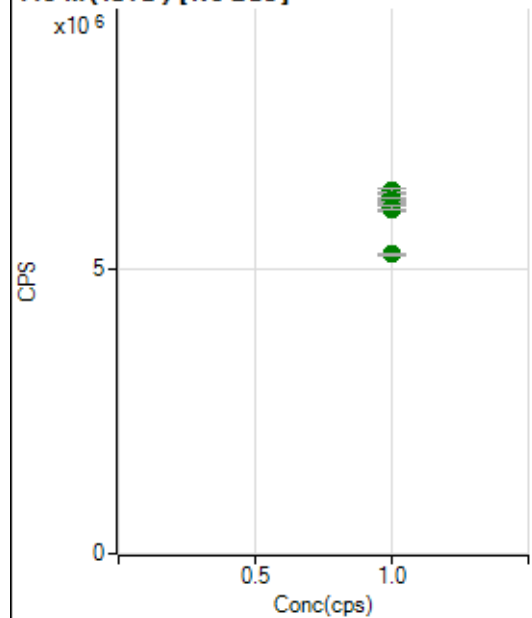
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3546190.30		A	1.4
2	☐	1.000		3560177.38		A	0.8
3	☐	1.000		3482215.85		A	0.7
4	☐	1.000		3459382.21		A	1.8
5	☐	1.000		3441276.09		A	1.9
6	☐	1.000		3430663.46		A	0.7
7	☐	1.000		3421990.85		A	1.4
8	☐	1.000		3117165.16		A	0.6

103 Rh (ISTD) [No Gas]

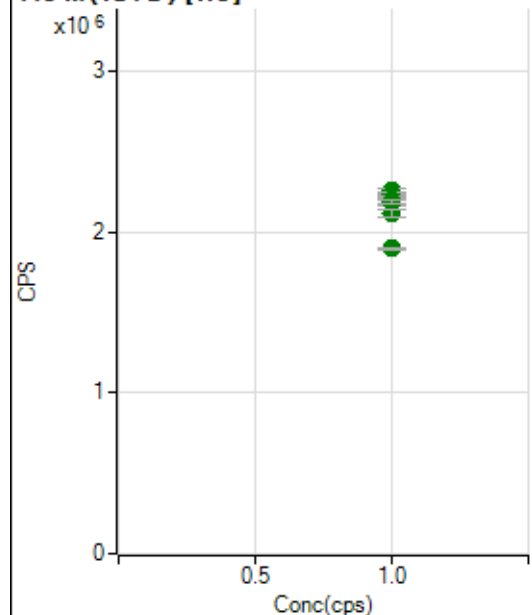
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5961252.83		A	0.8
2	☐	1.000		5978201.30		A	0.8
3	☐	1.000		5859257.97		A	0.7
4	☐	1.000		5718968.04		A	0.8
5	☐	1.000		5740378.87		A	1.2
6	☐	1.000		5679398.39		A	1.1
7	☐	1.000		5497246.03		A	0.9
8	☐	1.000		4583672.12		A	1.1

103 Rh (ISTD) [He]

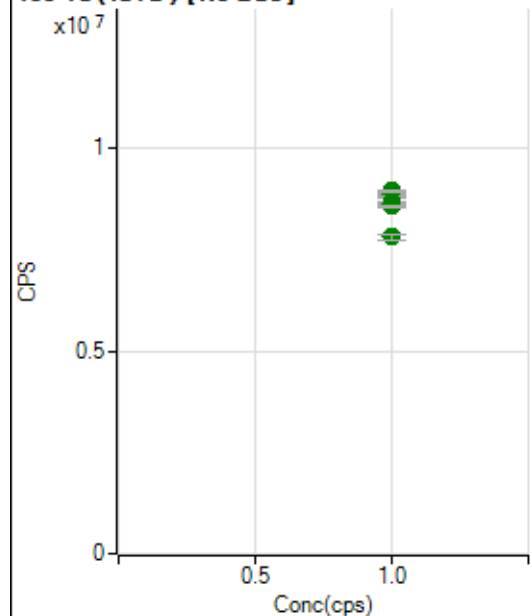
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3292559.01		A	1.0
2	☐	1.000		3312724.01		A	0.6
3	☐	1.000		3248140.89		A	0.4
4	☐	1.000		3161989.08		A	1.3
5	☐	1.000		3145502.63		A	2.0
6	☐	1.000		3087615.86		A	0.7
7	☐	1.000		3000937.70		A	3.4
8	☐	1.000		2531433.51		A	0.9

115 In (ISTD) [No Gas]

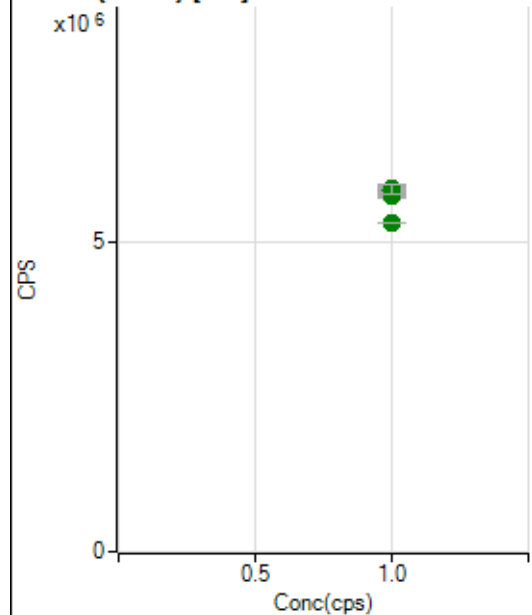
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6273604.96		A	1.3
2	☐	1.000		6353728.98		A	1.1
3	☐	1.000		6183850.87		A	1.5
4	☐	1.000		6181514.46		A	0.9
5	☐	1.000		6196464.75		A	0.6
6	☐	1.000		6017071.30		A	0.3
7	☐	1.000		6053935.51		A	0.8
8	☐	1.000		5252672.55		A	0.7

115 In (ISTD) [He]

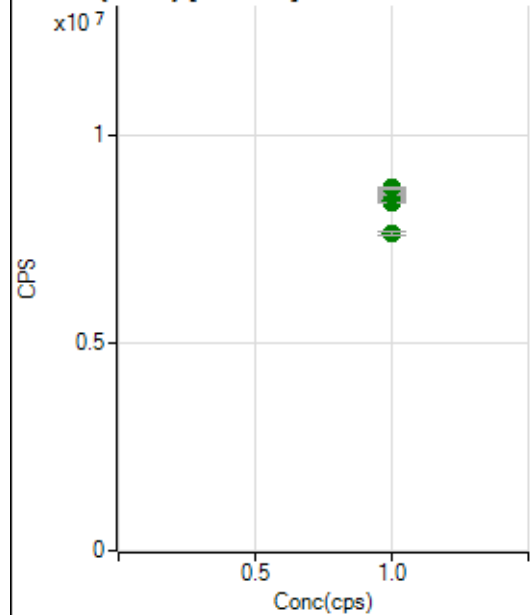
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2256701.60		A	1.2
2	☐	1.000		2252328.93		A	1.4
3	☐	1.000		2237934.21		A	1.2
4	☐	1.000		2187239.82		A	2.2
5	☐	1.000		2196890.24		A	2.0
6	☐	1.000		2184168.43		A	1.0
7	☐	1.000		2117196.19		A	2.6
8	☐	1.000		1899929.50		A	0.6

159 Tb (ISTD) [No Gas]

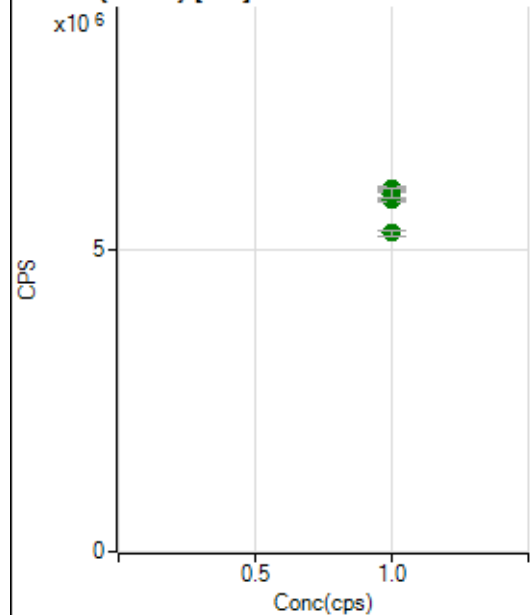
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8626591.68		A	0.4
2	☐	1.000		8651352.37		A	1.4
3	☐	1.000		8632963.48		A	1.3
4	☐	1.000		8584324.80		A	0.3
5	☐	1.000		8831599.18		A	1.0
6	☐	1.000		8869084.24		A	1.0
7	☐	1.000		8962255.77		A	0.8
8	☐	1.000		7826804.40		A	1.8

159 Tb (ISTD) [He]

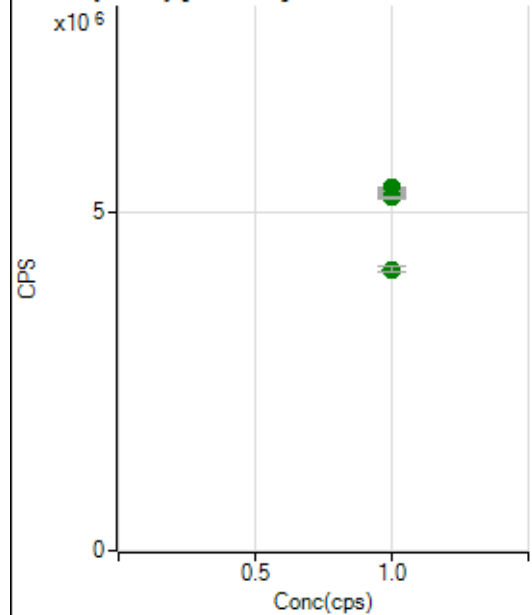
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5721639.77		A	0.7
2	☐	1.000		5825332.62		A	1.0
3	☐	1.000		5758799.43		A	0.7
4	☐	1.000		5792497.76		A	0.3
5	☐	1.000		5829419.70		A	1.4
6	☐	1.000		5842882.83		A	0.6
7	☐	1.000		5833863.46		A	2.8
8	☐	1.000		5300252.66		A	0.4

165 Ho (ISTD) [No Gas]

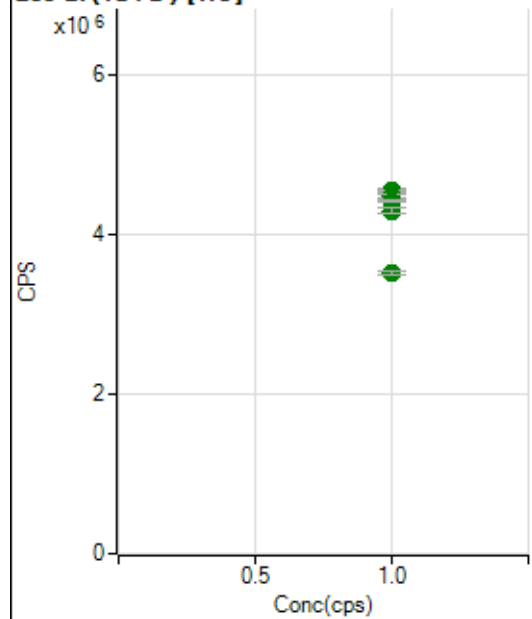
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8398357.10		A	0.4
2	☐	1.000		8579747.86		A	0.6
3	☐	1.000		8453671.54		A	1.0
4	☐	1.000		8569009.04		A	0.4
5	☐	1.000		8695885.98		A	1.0
6	☐	1.000		8588268.97		A	0.5
7	☐	1.000		8745068.55		A	0.4
8	☐	1.000		7653413.08		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5859152.69		A	0.8
2	☐	1.000		5832502.69		A	1.3
3	☐	1.000		5841093.80		A	0.5
4	☐	1.000		5839333.60		A	0.7
5	☐	1.000		5929711.23		A	2.0
6	☐	1.000		6018849.84		A	1.4
7	☐	1.000		5947795.74		A	2.3
8	☐	1.000		5284365.20		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5241072.01		A	0.8
2	☐	1.000		5366235.44		A	0.6
3	☐	1.000		5326886.83		A	0.5
4	☐	1.000		5294163.43		A	1.0
5	☐	1.000		5312304.54		A	0.4
6	☐	1.000		5292443.01		A	0.5
7	☐	1.000		5222944.71		A	0.6
8	☐	1.000		4160755.81		A	1.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4535142.85		A	1.2
2	☐	1.000		4541435.00		A	0.5
3	☐	1.000		4460795.45		A	0.1
4	☐	1.000		4476876.15		A	1.3
5	☐	1.000		4472054.79		A	1.6
6	☐	1.000		4409313.48		A	0.6
7	☐	1.000		4291129.03		A	1.8
8	☐	1.000		3519010.85		A	1.2

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7042023 MS.b

Acq. Date-Time 2023-04-20 13:11:42

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		8552	85515.11			0.650	5.000
24		87770	877697.97			0.552	5.000
25		12202	122022.15			0.441	5.000
26		13854	138543.45			0.357	5.000
59		62510	625100.51			0.438	5.000
113		7706	77059.25			0.890	5.000
115		97755	977552.84			0.690	5.000
206		24087	240869.09			1.031	5.000
207		22580	225796.16			0.855	5.000
208		51821	518210.78			0.801	5.000
220		0	2.10			19.921	

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

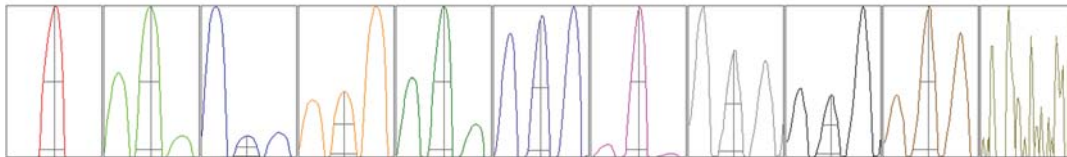
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8593	8599	8584	8489	8493
24	87323	88011	88464	87726	87326
25	12127	12237	12269	12190	12188
26	13793	13913	13895	13842	13829
59	62103	62549	62859	62591	62448
113	7632	7789	7768	7683	7659
115	97421	98681	98066	96888	97719
206	23693	24352	24229	24055	24105
207	22408	22756	22821	22450	22463
208	51293	52018	52399	51639	51756

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	14955.81	9.05	8.90 - 9.10	
24	144924.43	24.00	23.90 - 24.10	
25	20105.95	24.95	24.90 - 25.10	
26	22994.21	25.95	25.90 - 26.10	
59	118932.89	59.05	58.90 - 59.10	
113	16448.58	113.00	112.90 - 113.10	
115	214325.72	115.05	114.90 - 115.10	
206	50833.51	205.95	205.90 - 206.10	
207	46243.05	206.95	206.90 - 207.10	
208	111086.01	207.95	207.90 - 208.10	
220	0.00	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.784	0.900	
24	0.63	0.827	0.900	
25	0.64	0.823	0.900	
26	0.64	0.828	0.900	
59	0.55	0.756	0.900	
113	0.48	0.692	0.900	
115	0.47	0.684	0.900	
206	0.48	0.774	0.900	
207	0.49	0.769	0.900	
208	0.47	0.796	0.900	
220	0.30	0.300		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.5 V	Deflect	15.6 V
Extract 2	-105.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9999	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-1.1 mm	Torch V	1.0 mm
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EM

Discriminator	3.2 mV	Analog HV	2278 V	Pulse HV	1562 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		19499	194987.79			0.405	
89		31744	317435.87			0.522	
205		26297	262965.09			0.783	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	19564	19534	19362	19524	19509
89	31897	31854	31523	31611	31834
205	26439	26315	26099	26081	26548

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	10.2 V	Deflect	3.0 V
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US EPA Tune Check Report

Extract 2	-120.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9999	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-1.1 mm	Torch V	1.0 mm
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EM

Discriminator	3.2 mV	Analog HV	2278 V	Pulse HV	1562 V
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LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:34:48	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.33	0.47	-0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.07	0.07	-0.01	0.00	N/A	ppb
Boron	11-1	0.03	-0.03	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.09	-0.01	-0.08	0.00	N/A	ppb
Cadmium	106-1	1.13	-0.16	-0.97	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-1.42	0.40	1.02	0.00	N/A	ppb
Calcium	44-1	-0.40	0.23	0.18	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	-0.05	0.09	0.00	N/A	ppb
Iron	57-2	0.87	0.00	-0.87	0.00	N/A	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:34:48	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.45	-0.33	-0.12	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.09	0.31	-0.22	0.00	N/A	ppb
Manganese	55-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-12.70	-7.94	-16.17	-12.27		ppb
Potassium	39-2	-0.36	-1.05	1.41	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.03	0.02	0.01	0.00	N/A	ppb
Selenium	77-2	0.24	-0.12	-0.12	0.00	N/A	ppb
Selenium	78-2	-0.28	-0.45	0.72	0.00	N/A	ppb
Silicon	28-1	-0.89	-0.07	0.96	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.05	-0.58	0.53	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-50.90	140.07	80.63	56.60	172.66	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:34:48	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	-0.03	0.08	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:41:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.94	18.75	18.88	18.52	2.74	ppb
Antimony	121-1	2.04	2.09	2.16	2.10	2.88	ppb
Arsenic	75-2	1.09	1.14	0.94	1.06	9.76	ppb
Barium	135-1	9.51	10.01	9.82	9.78	2.61	ppb
Barium	137-1	9.63	9.77	9.64	9.68	0.79	ppb
Beryllium	9-1	1.16	1.25	1.11	1.17	5.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	23.62	25.13	24.05	24.27	3.20	ppb
Boron	11-1	22.26	25.29	26.02	24.52	8.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.18	1.16	1.23	1.19	2.80	ppb
Cadmium	106-1	1.28	1.42	1.02	1.24	16.29	ppb
Cadmium	108-1	1.09	1.07	1.02	1.06	3.69	ppb
Calcium	43-1	543.31	545.24	572.97	553.84	3.00	ppb
Calcium	44-1	541.46	550.34	556.10	549.30	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.04	2.03	1.94	2.00	2.73	ppb
Cobalt	59-2	1.11	1.07	1.09	1.09	1.85	ppb
Copper	63-2	2.22	2.07	2.10	2.13	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	55.99	55.96	54.98	55.64	1.03	ppb
Iron	57-2	55.29	57.75	55.92	56.32	2.27	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:41:21	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	58.76	56.04	57.30	57.37	2.38	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.89	0.86	0.89	3.48	ppb
Lead	207-1	0.82	0.86	0.85	0.84	2.40	ppb
Lead	208-1	0.90	0.88	0.87	0.88	1.65	ppb
Lithium	6-1				102		%
Magnesium	24-2	536.73	539.14	533.00	536.29	0.58	ppb
Manganese	55-2	1.04	0.96	1.03	1.01	4.63	ppb
Molybdenum	94-1	5.82	5.94	5.69	5.82	2.19	ppb
Molybdenum	95-1	4.96	5.07	4.91	4.98	1.67	ppb
Molybdenum	96-1	4.92	5.21	4.93	5.02	3.28	ppb
Molybdenum	97-1	5.02	5.07	4.77	4.95	3.21	ppb
Molybdenum	98-1	4.82	4.93	4.88	4.88	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.03	1.17	1.09	6.49	ppb
Phosphorus	31-2	16.28	13.10	7.43	12.27	36.54	ppb
Potassium	39-2	545.10	553.35	545.30	547.92	0.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	4.88	5.86	5.61	5.45	9.35	ppb
Selenium	77-2	4.90	4.24	8.50	5.88	38.98	ppb
Selenium	78-2	4.35	4.96	4.37	4.56	7.56	ppb
Silicon	28-1	1.78	2.21	3.12	2.37	28.94	ppb
Silver	107-1	1.05	1.10	1.12	1.09	3.08	ppb
Silver	109-1	1.06	1.12	1.08	1.09	2.90	ppb
Sodium	23-2	543.73	546.96	541.91	544.20	0.47	ppb
Strontium	86-1	1.02	0.88	1.00	0.97	7.79	ppb
Strontium	88-1	0.97	0.99	1.00	0.99	1.48	ppb
Sulfur	34-1	-120.73	-103.59	54.52	-56.60		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.88	0.90	0.88	0.89	1.46	ppb
Thallium	205-1	0.90	0.88	0.90	0.89	1.38	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:41:21	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.02	5.16	4.96	5.05	2.01	ppb
Titanium	47-1	4.82	4.98	5.02	4.94	2.18	ppb
Uranium	238-1	0.81	0.83	0.82	0.82	1.49	ppb
Vanadium	51-2	5.25	4.97	5.03	5.08	2.89	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.37	2.38	2.25	2.33	3.11	ppb
Zirconium	90-1	0.97	0.99	0.99	0.98	1.57	ppb
Zirconium	91-1	0.94	0.95	1.01	0.97	3.58	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:44:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1079.88	1085.57	1067.44	1077.63	0.86	ppb
Antimony	121-1	50.84	50.96	52.87	51.56	2.20	ppb
Arsenic	75-2	53.13	53.31	52.62	53.02	0.68	ppb
Barium	135-1	250.05	248.04	257.90	252.00	2.07	ppb
Barium	137-1	248.06	250.56	255.33	251.32	1.47	ppb
Beryllium	9-1	56.77	55.87	55.82	56.15	0.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	50.99	51.67	55.84	52.83	4.97	ppb
Boron	11-1	50.50	54.62	54.54	53.22	4.42	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	55.28	54.83	56.30	55.47	1.36	ppb
Cadmium	106-1	54.24	56.99	58.02	56.42	3.46	ppb
Cadmium	108-1	54.68	56.41	57.25	56.11	2.34	ppb
Calcium	43-1	6175.16	6352.93	6388.32	6305.47	1.81	ppb
Calcium	44-1	5656.68	5808.71	5718.47	5727.95	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.21	52.69	52.82	52.91	0.52	ppb
Cobalt	59-2	53.32	53.47	52.92	53.24	0.54	ppb
Copper	63-2	548.19	544.20	543.93	545.44	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	2856.16	2813.44	2783.59	2817.73	1.29	ppb
Iron	57-2	2940.83	2987.10	2933.69	2953.87	0.98	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:44:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2985.12	2993.07	2980.62	2986.27	0.21	ppb
Krypton	83-1						cps
Lead	206-1	228.46	228.60	228.32	228.46	0.06	ppb
Lead	207-1	222.60	224.89	224.99	224.16	0.60	ppb
Lead	208-1	241.41	239.48	244.14	241.68	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	5328.36	5517.02	5491.22	5445.53	1.88	ppb
Manganese	55-2	535.39	533.28	529.68	532.78	0.54	ppb
Molybdenum	94-1	510.24	525.26	525.27	520.26	1.67	ppb
Molybdenum	95-1	522.87	514.42	524.60	520.63	1.05	ppb
Molybdenum	96-1	525.77	513.48	530.20	523.15	1.66	ppb
Molybdenum	97-1	522.77	522.76	526.82	524.12	0.45	ppb
Molybdenum	98-1	518.28	518.30	520.04	518.87	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.32	54.10	55.02	54.81	1.16	ppb
Phosphorus	31-2	1031.76	1082.03	1047.42	1053.74	2.44	ppb
Potassium	39-2	2827.58	2825.82	2815.47	2822.96	0.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	52.72	54.47	55.02	54.07	2.22	ppb
Selenium	77-2	50.04	56.63	53.66	53.44	6.17	ppb
Selenium	78-2	54.90	50.78	55.93	53.87	5.06	ppb
Silicon	28-1	45.23	52.22	55.58	51.01	10.35	ppb
Silver	107-1	55.13	54.98	56.50	55.53	1.51	ppb
Silver	109-1	54.87	55.47	57.25	55.86	2.22	ppb
Sodium	23-2	5465.12	5413.29	5370.37	5416.26	0.88	ppb
Strontium	86-1	1331.24	1337.72	1342.06	1337.01	0.41	ppb
Strontium	88-1	1281.92	1285.70	1340.91	1302.84	2.53	ppb
Sulfur	34-1	966.32	1163.89	998.27	1042.83	10.17	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	45.05	46.25	45.86	45.72	1.34	ppb
Thallium	205-1	45.04	45.44	45.26	45.24	0.44	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:44:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	52.60	52.29	53.24	52.71	0.92	ppb
Titanium	47-1	520.00	526.10	525.36	523.82	0.64	ppb
Uranium	238-1	41.96	42.71	41.97	42.21	1.02	ppb
Vanadium	51-2	53.03	51.98	51.65	52.22	1.39	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	544.62	548.57	541.75	544.98	0.63	ppb
Zirconium	90-1	51.49	51.81	51.93	51.75	0.43	ppb
Zirconium	91-1	50.98	51.46	51.86	51.43	0.86	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:47:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2677.30	2653.64	2697.31	2676.08	0.82	ppb
Antimony	121-1	129.26	128.38	130.68	129.44	0.90	ppb
Arsenic	75-2	126.07	131.52	129.33	128.97	2.13	ppb
Barium	135-1	628.69	629.12	636.07	631.29	0.66	ppb
Barium	137-1	643.36	638.97	643.62	641.98	0.41	ppb
Beryllium	9-1	134.87	137.61	136.14	136.21	1.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	121.46	132.42	129.65	127.84	4.46	ppb
Boron	11-1	121.84	129.05	131.68	127.52	4.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	136.52	137.75	138.49	137.59	0.72	ppb
Cadmium	106-1	138.21	139.54	141.28	139.67	1.10	ppb
Cadmium	108-1	138.50	135.72	138.76	137.66	1.22	ppb
Calcium	43-1	15338.46	15301.37	15502.65	15380.83	0.70	ppb
Calcium	44-1	13771.66	13778.76	14366.13	13972.18	2.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.20	129.64	130.85	130.23	0.47	ppb
Cobalt	59-2	132.06	131.63	132.69	132.12	0.40	ppb
Copper	63-2	1357.26	1354.21	1373.51	1361.66	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	6987.54	6903.70	7072.99	6988.08	1.21	ppb
Iron	57-2	7354.05	7267.29	7367.98	7329.77	0.74	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:47:45	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	7388.17	7346.47	7391.91	7375.51	0.34	ppb
Krypton	83-1						cps
Lead	206-1	624.94	621.21	621.85	622.67	0.32	ppb
Lead	207-1	636.58	625.56	621.53	627.89	1.24	ppb
Lead	208-1	624.84	621.42	628.76	625.01	0.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	13186.64	13269.67	13391.78	13282.69	0.78	ppb
Manganese	55-2	1317.90	1281.51	1311.47	1303.62	1.49	ppb
Molybdenum	94-1	1264.36	1292.18	1308.54	1288.36	1.73	ppb
Molybdenum	95-1	1287.21	1305.42	1303.63	1298.75	0.77	ppb
Molybdenum	96-1	1276.23	1321.56	1295.21	1297.67	1.75	ppb
Molybdenum	97-1	1272.62	1329.10	1292.33	1298.02	2.21	ppb
Molybdenum	98-1	1265.01	1278.02	1296.60	1279.88	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.46	136.21	135.61	135.76	0.29	ppb
Phosphorus	31-2	2627.73	2636.39	2602.08	2622.07	0.68	ppb
Potassium	39-2	6576.21	6506.34	6645.05	6575.87	1.05	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	134.48	136.21	136.88	135.85	0.91	ppb
Selenium	77-2	133.75	121.09	144.91	133.25	8.94	ppb
Selenium	78-2	130.84	129.23	132.19	130.75	1.13	ppb
Silicon	28-1	126.88	135.92	152.42	138.40	9.36	ppb
Silver	107-1	135.46	136.60	137.77	136.61	0.85	ppb
Silver	109-1	135.64	136.92	138.58	137.05	1.07	ppb
Sodium	23-2	13323.75	13073.53	13154.97	13184.08	0.97	ppb
Strontium	86-1	3261.60	3254.02	3318.92	3278.18	1.08	ppb
Strontium	88-1	3161.25	3179.25	3288.79	3209.76	2.15	ppb
Sulfur	34-1	2637.69	2538.53	2601.57	2592.59	1.94	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	115.15	114.20	113.87	114.41	0.58	ppb
Thallium	205-1	121.99	121.35	122.95	122.09	0.66	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:47:45	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	129.86	130.40	131.37	130.54	0.59	ppb
Titanium	47-1	1284.79	1284.63	1309.28	1292.90	1.10	ppb
Uranium	238-1	123.15	124.04	121.49	122.89	1.05	ppb
Vanadium	51-2	130.16	127.33	129.36	128.95	1.13	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1359.57	1340.36	1357.62	1352.52	0.78	ppb
Zirconium	90-1	127.65	129.85	129.99	129.16	1.02	ppb
Zirconium	91-1	127.63	129.83	128.91	128.79	0.86	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:50:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5165.36	5299.65	5182.56	5215.86	1.40	ppb
Antimony	121-1	244.36	253.48	255.28	251.04	2.33	ppb
Arsenic	75-2	252.12	259.54	254.37	255.34	1.49	ppb
Barium	135-1	1253.31	1300.78	1272.57	1275.55	1.87	ppb
Barium	137-1	1247.01	1263.11	1280.57	1263.56	1.33	ppb
Beryllium	9-1	262.40	266.47	269.70	266.19	1.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	239.74	256.85	266.95	254.51	5.40	ppb
Boron	11-1	239.17	256.45	263.33	252.98	4.92	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	255.06	267.25	266.75	263.02	2.62	ppb
Cadmium	106-1	257.36	264.99	265.81	262.72	1.77	ppb
Cadmium	108-1	262.82	264.89	267.08	264.93	0.80	ppb
Calcium	43-1	29997.60	30602.39	30801.67	30467.22	1.37	ppb
Calcium	44-1	27127.32	27231.59	27726.09	27361.66	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.68	259.61	257.66	257.32	0.96	ppb
Cobalt	59-2	256.33	261.66	259.68	259.23	1.04	ppb
Copper	63-2	2560.81	2657.37	2627.85	2615.34	1.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	13720.27	13689.95	13745.35	13718.52	0.20	ppb
Iron	57-2	14194.98	14448.79	14372.05	14338.61	0.91	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:50:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13731.30	14032.04	13948.18	13903.84	1.12	ppb
Krypton	83-1						cps
Lead	206-1	1221.21	1266.23	1213.19	1233.54	2.32	ppb
Lead	207-1	1234.63	1260.05	1246.41	1247.03	1.02	ppb
Lead	208-1	1233.51	1256.72	1234.14	1241.46	1.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	25925.33	26010.46	26196.47	26044.09	0.53	ppb
Manganese	55-2	2551.69	2604.25	2539.09	2565.01	1.35	ppb
Molybdenum	94-1	2476.78	2572.18	2545.15	2531.37	1.94	ppb
Molybdenum	95-1	2419.21	2535.54	2569.15	2507.97	3.14	ppb
Molybdenum	96-1	2441.89	2560.56	2557.83	2520.10	2.69	ppb
Molybdenum	97-1	2460.66	2563.95	2566.37	2530.33	2.38	ppb
Molybdenum	98-1	2434.80	2542.88	2545.13	2507.61	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.28	264.86	264.30	263.48	0.73	ppb
Phosphorus	31-2	5027.05	5199.73	5112.34	5113.04	1.69	ppb
Potassium	39-2	12800.89	12935.82	12888.09	12874.93	0.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	250.68	265.45	268.57	261.57	3.65	ppb
Selenium	77-2	253.39	256.36	253.62	254.46	0.65	ppb
Selenium	78-2	258.84	254.99	257.33	257.05	0.76	ppb
Silicon	28-1	242.30	270.92	293.37	268.87	9.52	ppb
Silver	107-1	262.33	263.16	268.02	264.50	1.16	ppb
Silver	109-1	263.31	266.40	268.23	265.98	0.93	ppb
Sodium	23-2	26141.72	26304.90	26030.31	26158.98	0.53	ppb
Strontium	86-1	6207.27	6450.47	6476.26	6378.00	2.33	ppb
Strontium	88-1	6262.72	6303.40	6420.12	6328.74	1.29	ppb
Sulfur	34-1	4913.56	4893.86	5037.93	4948.45	1.58	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	226.40	232.28	227.98	228.89	1.33	ppb
Thallium	205-1	244.24	248.23	244.34	245.60	0.93	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:50:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	245.93	253.77	255.05	251.58	1.96	ppb
Titanium	47-1	2504.83	2530.75	2553.44	2529.67	0.96	ppb
Uranium	238-1	247.46	247.63	242.32	245.80	1.23	ppb
Vanadium	51-2	253.67	258.12	254.74	255.51	0.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	2625.00	2673.17	2644.33	2647.50	0.92	ppb
Zirconium	90-1	245.54	258.57	256.35	253.49	2.75	ppb
Zirconium	91-1	244.48	252.88	254.97	250.78	2.21	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:53:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10374.59	10130.82	10172.48	10225.96	1.28	ppb
Antimony	121-1	503.85	514.21	515.24	511.10	1.23	ppb
Arsenic	75-2	509.87	500.73	514.46	508.35	1.38	ppb
Barium	135-1	2549.91	2534.08	2515.38	2533.12	0.68	ppb
Barium	137-1	2504.13	2509.77	2520.40	2511.43	0.33	ppb
Beryllium	9-1	509.88	521.56	518.20	516.55	1.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	473.82	503.27	513.50	496.86	4.15	ppb
Boron	11-1	474.95	499.11	515.93	496.66	4.15	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	513.70	516.31	514.94	514.98	0.25	ppb
Cadmium	106-1	518.35	515.29	526.55	520.07	1.12	ppb
Cadmium	108-1	514.51	522.23	530.06	522.27	1.49	ppb
Calcium	43-1	59975.50	60962.83	62352.64	61096.99	1.95	ppb
Calcium	44-1	54278.59	55260.65	56639.60	55392.95	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.40	503.39	512.71	505.84	1.19	ppb
Cobalt	59-2	506.23	500.43	502.91	503.19	0.58	ppb
Copper	63-2	5085.50	5048.56	5066.32	5066.79	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	26921.08	26516.97	27374.58	26937.55	1.59	ppb
Iron	57-2	28119.64	27599.80	28265.57	27995.00	1.25	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:53:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	27084.07	26970.18	27271.47	27108.57	0.56	ppb
Krypton	83-1						cps
Lead	206-1	2514.59	2499.33	2504.17	2506.03	0.31	ppb
Lead	207-1	2488.71	2555.82	2515.24	2519.92	1.34	ppb
Lead	208-1	2478.64	2512.49	2527.86	2506.33	1.00	ppb
Lithium	6-1				100		%
Magnesium	24-2	51740.52	51665.28	51702.35	51702.72	0.07	ppb
Manganese	55-2	5035.79	4961.11	5018.44	5005.11	0.78	ppb
Molybdenum	94-1	5025.04	5118.83	5090.42	5078.10	0.95	ppb
Molybdenum	95-1	5034.02	5121.10	5146.10	5100.41	1.15	ppb
Molybdenum	96-1	5029.56	5233.91	5127.31	5130.26	1.99	ppb
Molybdenum	97-1	5063.62	5278.51	5151.22	5164.45	2.09	ppb
Molybdenum	98-1	5060.20	5072.90	5091.60	5074.90	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.55	505.65	514.77	508.33	1.10	ppb
Phosphorus	31-2	10147.89	10110.75	10089.21	10115.95	0.29	ppb
Potassium	39-2	25512.13	25702.97	25608.06	25607.72	0.37	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	511.46	522.74	521.68	518.63	1.20	ppb
Selenium	77-2	500.89	507.38	546.76	518.34	4.79	ppb
Selenium	78-2	516.02	508.48	531.82	518.77	2.30	ppb
Silicon	28-1	471.77	532.65	577.33	527.25	10.05	ppb
Silver	107-1	523.17	519.99	514.97	519.38	0.80	ppb
Silver	109-1	526.88	531.29	522.77	526.98	0.81	ppb
Sodium	23-2	52159.70	51100.92	51564.29	51608.30	1.03	ppb
Strontium	86-1	12616.53	12915.19	12813.10	12781.61	1.19	ppb
Strontium	88-1	12658.82	12847.88	12698.15	12734.95	0.78	ppb
Sulfur	34-1	10064.29	10044.61	10303.82	10137.57	1.42	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	497.40	505.25	506.91	503.19	1.01	ppb
Thallium	205-1	496.29	486.80	497.84	493.64	1.21	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:53:33	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	510.71	510.11	507.50	509.44	0.34	ppb
Titanium	47-1	5042.90	5066.80	5147.82	5085.84	1.08	ppb
Uranium	238-1	504.78	503.49	502.12	503.46	0.26	ppb
Vanadium	51-2	500.91	505.86	514.00	506.92	1.30	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5071.47	4970.98	5155.95	5066.13	1.83	ppb
Zirconium	90-1	495.18	505.00	505.72	501.97	1.17	ppb
Zirconium	91-1	497.62	517.51	512.22	509.12	2.02	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:56:20	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19948.55	19373.13	19803.73	19708.47	1.52	ppb
Antimony	121-1	980.85	998.08	1001.74	993.56	1.12	ppb
Arsenic	75-2	1011.60	976.66	993.27	993.84	1.76	ppb
Barium	135-1	4937.72	5004.28	4986.50	4976.17	0.69	ppb
Barium	137-1	4827.06	5011.72	5127.33	4988.71	3.04	ppb
Beryllium	9-1	946.74	1013.74	997.43	985.97	3.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	936.17	1033.05	1030.67	999.96	5.53	ppb
Boron	11-1	931.49	1032.82	1037.07	1000.46	5.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	962.56	995.49	1004.18	987.41	2.22	ppb
Cadmium	106-1	967.71	987.96	998.22	984.63	1.58	ppb
Cadmium	108-1	957.47	999.56	992.70	983.25	2.30	ppb
Calcium	43-1	109490.88	116458.37	113892.24	113280.50	3.11	ppb
Calcium	44-1	103827.71	107907.72	107943.81	106559.75	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1006.06	986.12	991.18	994.45	1.04	ppb
Cobalt	59-2	1014.33	981.84	988.97	995.04	1.72	ppb
Copper	63-2	10062.47	9840.25	9861.90	9921.54	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	54908.63	52365.27	52959.35	53411.08	2.49	ppb
Iron	57-2	55138.68	53313.53	53997.14	54149.78	1.70	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:56:20	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54331.44	53024.14	53889.64	53748.41	1.24	ppb
Krypton	83-1						cps
Lead	206-1	4875.46	5113.40	5018.55	5002.47	2.39	ppb
Lead	207-1	4854.88	5073.20	5047.06	4991.71	2.39	ppb
Lead	208-1	4889.61	5061.18	5047.37	4999.39	1.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	104284.25	99242.34	101494.61	101673.73	2.48	ppb
Manganese	55-2	10202.44	9810.47	9905.64	9972.85	2.05	ppb
Molybdenum	94-1	9870.29	10044.00	9927.61	9947.30	0.89	ppb
Molybdenum	95-1	9945.44	9899.16	9977.44	9940.68	0.40	ppb
Molybdenum	96-1	9916.27	9934.62	9917.31	9922.73	0.10	ppb
Molybdenum	97-1	9904.10	9943.41	9861.44	9902.98	0.41	ppb
Molybdenum	98-1	9834.66	10055.47	9977.79	9955.97	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1015.45	967.02	990.17	990.88	2.44	ppb
Phosphorus	31-2	20526.85	19382.68	19777.93	19895.82	2.92	ppb
Potassium	39-2	50932.48	49433.75	50719.60	50361.94	1.61	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	984.60	986.03	988.06	986.23	0.18	ppb
Selenium	77-2	1018.40	980.95	966.18	988.51	2.72	ppb
Selenium	78-2	1005.71	978.20	979.91	987.94	1.56	ppb
Silicon	28-1	892.56	1013.39	1034.07	980.01	7.80	ppb
Silver	107-1	970.47	981.31	1003.10	984.96	1.69	ppb
Silver	109-1	970.73	982.19	989.22	980.72	0.95	ppb
Sodium	23-2	104473.62	100898.60	102296.00	102556.07	1.76	ppb
Strontium	86-1	24752.94	25036.04	24622.11	24803.70	0.85	ppb
Strontium	88-1	24858.80	24794.70	24895.30	24849.60	0.20	ppb
Sulfur	34-1	19431.45	20259.07	20100.64	19930.38	2.20	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	988.09	1009.41	1018.16	1005.22	1.54	ppb
Thallium	205-1	1000.17	1019.18	995.28	1004.88	1.26	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:56:20	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	978.12	1008.26	995.79	994.06	1.52	ppb
Titanium	47-1	9688.72	10100.09	10040.51	9943.11	2.24	ppb
Uranium	238-1	971.30	1018.23	1010.38	999.97	2.51	ppb
Vanadium	51-2	1000.88	989.71	993.08	994.56	0.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	9982.91	9759.29	10002.78	9914.99	1.36	ppb
Zirconium	90-1	991.35	1013.08	988.18	997.54	1.36	ppb
Zirconium	91-1	973.23	1010.77	1000.10	994.70	1.94	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:59:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99535.07	99906.93	100617.22	100019.74	0.55	ppb
Antimony	121-1	0.81	0.71	0.72	0.75	7.43	ppb
Arsenic	75-2	0.33	0.26	0.28	0.29	13.77	ppb
Barium	135-1	3.94	3.53	3.11	3.53	11.80	ppb
Barium	137-1	3.99	3.34	3.23	3.52	11.66	ppb
Beryllium	9-1	0.60	0.45	0.42	0.49	19.21	ppb
Bismuth	209-1				79		%
Bismuth	209-2				78		%
Boron	10-1	41.71	36.24	31.02	36.32	14.72	ppb
Boron	11-1	40.61	35.34	31.81	35.92	12.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.33	0.30	0.39	0.34	13.23	ppb
Cadmium	106-1	-0.90	-0.60	0.94	-0.19		ppb
Cadmium	108-1	0.42	0.81	0.51	0.58	35.23	ppb
Calcium	43-1	489358.65	499957.15	498311.34	495875.71	1.15	ppb
Calcium	44-1	493277.52	504872.93	495809.17	497986.54	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.72	7.71	7.95	7.79	1.78	ppb
Cobalt	59-2	1.09	1.16	1.12	1.12	3.06	ppb
Copper	63-2	1.42	1.27	1.32	1.34	5.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	250498.93	247500.36	249125.13	249041.47	0.60	ppb
Iron	57-2	251734.52	246248.78	248257.93	248747.08	1.12	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:59:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	248013.21	247559.85	251235.74	248936.27	0.81	ppb
Krypton	83-1						cps
Lead	206-1	1.86	1.34	1.12	1.44	26.34	ppb
Lead	207-1	1.85	1.38	1.14	1.46	24.48	ppb
Lead	208-1	1.84	1.34	1.11	1.43	26.00	ppb
Lithium	6-1				84		%
Magnesium	24-2	501766.86	497470.50	499018.80	499418.72	0.44	ppb
Manganese	55-2	5.28	5.01	5.13	5.14	2.60	ppb
Molybdenum	94-1	4.40	4.30	2.54	3.75	28.03	ppb
Molybdenum	95-1	4.09	3.29	2.05	3.14	32.80	ppb
Molybdenum	96-1	8.45	7.71	6.34	7.50	14.30	ppb
Molybdenum	97-1	4.12	3.33	2.25	3.23	29.05	ppb
Molybdenum	98-1	3.90	3.07	2.00	2.99	31.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.29	3.34	3.48	3.37	2.98	ppb
Phosphorus	31-2	0.90	4.81	4.17	3.29	63.63	ppb
Potassium	39-2	251801.27	249654.13	248054.46	249836.62	0.75	ppb
Rhodium	103-1				77		%
Rhodium	103-2				77		%
Scandium	45-1				89		%
Scandium	45-2				86		%
Selenium	82-1	3.06	2.19	2.65	2.63	16.56	ppb
Selenium	77-2	-0.12	1.11	0.29	0.43	146.89	ppb
Selenium	78-2	0.69	0.31	1.02	0.67	52.66	ppb
Silicon	28-1	127.01	147.47	136.12	136.87	7.49	ppb
Silver	107-1	0.62	0.53	0.44	0.53	17.04	ppb
Silver	109-1	0.58	0.51	0.43	0.51	14.65	ppb
Sodium	23-2	503584.00	494749.36	499412.73	499248.70	0.89	ppb
Strontium	86-1	11.96	11.98	7.27	10.40	26.12	ppb
Strontium	88-1	11.84	13.51	7.40	10.92	28.93	ppb
Sulfur	34-1	-533.12	-331.62	-317.10	-393.95		ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	0.32	0.20	0.16	0.23	36.89	ppb
Thallium	205-1	0.32	0.20	0.14	0.22	41.33	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:59:07	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.55	0.44	0.44	0.47	13.66	ppb
Titanium	47-1	3.49	2.63	1.91	2.68	29.50	ppb
Uranium	238-1	0.29	0.17	0.12	0.19	42.93	ppb
Vanadium	51-2	0.35	0.35	0.36	0.35	2.30	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	46.84	46.17	46.71	46.57	0.76	ppb
Zirconium	90-1	0.39	0.46	0.24	0.36	31.29	ppb
Zirconium	91-1	0.35	0.51	0.22	0.36	39.90	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:07:20	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	520.64	520.24	524.18	521.69	0.41	ppb
Antimony	121-1	196.67	190.27	197.15	194.69	1.97	ppb
Arsenic	75-2	194.41	198.41	197.46	196.76	1.06	ppb
Barium	135-1	94.92	93.19	96.33	94.81	1.66	ppb
Barium	137-1	95.12	91.89	97.30	94.77	2.87	ppb
Beryllium	9-1	108.41	105.90	105.50	106.60	1.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	0.87	0.63	0.61	0.70	20.81	ppb
Boron	11-1	0.65	0.73	0.61	0.66	9.28	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	104.91	101.62	107.47	104.67	2.80	ppb
Cadmium	106-1	84.97	79.27	81.25	81.83	3.54	ppb
Cadmium	108-1	85.00	84.42	90.34	86.59	3.77	ppb
Calcium	43-1	2155.40	2143.48	2104.79	2134.56	1.24	ppb
Calcium	44-1	2128.86	2117.25	2102.79	2116.30	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.95	98.91	100.03	99.63	0.63	ppb
Cobalt	59-2	101.69	101.36	101.50	101.52	0.17	ppb
Copper	63-2	101.77	100.68	102.15	101.53	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2025.38	2023.42	2006.39	2018.39	0.52	ppb
Iron	57-2	2083.64	2077.93	2111.89	2091.15	0.87	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:07:20	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2171.46	2184.03	2174.90	2176.80	0.30	ppb
Krypton	83-1						cps
Lead	206-1	177.56	182.86	184.10	181.51	1.91	ppb
Lead	207-1	167.36	171.76	173.02	170.71	1.74	ppb
Lead	208-1	184.44	189.81	186.25	186.83	1.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	1144.53	1138.25	1153.44	1145.41	0.67	ppb
Manganese	55-2	97.22	95.99	96.68	96.63	0.64	ppb
Molybdenum	94-1	0.07	0.03	0.04	0.05	35.14	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	10.90	ppb
Molybdenum	96-1	0.07	0.10	0.09	0.09	16.73	ppb
Molybdenum	97-1	0.04	0.03	0.02	0.03	37.33	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.56	104.82	104.10	104.50	0.35	ppb
Phosphorus	31-2	-10.54	-2.37	-12.38	-8.43		ppb
Potassium	39-2	2021.28	2002.87	2042.23	2022.13	0.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	210.97	206.02	203.88	206.96	1.76	ppb
Selenium	77-2	199.45	204.21	201.15	201.61	1.20	ppb
Selenium	78-2	198.82	193.41	207.36	199.86	3.52	ppb
Silicon	28-1	0.79	1.23	0.82	0.95	26.07	ppb
Silver	107-1	52.17	50.31	51.56	51.35	1.85	ppb
Silver	109-1	51.47	50.56	52.17	51.40	1.58	ppb
Sodium	23-2	2010.44	1996.13	2008.75	2005.11	0.39	ppb
Strontium	86-1	0.28	0.25	0.27	0.27	5.84	ppb
Strontium	88-1	0.25	0.24	0.24	0.25	1.44	ppb
Sulfur	34-1	-6.62	-75.46	-146.63	-76.24		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	171.05	176.18	175.07	174.10	1.55	ppb
Thallium	205-1	188.50	194.30	189.57	190.79	1.62	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:07:20	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.28	0.37	0.31	0.32	14.26	ppb
Titanium	47-1	0.09	0.07	0.10	0.09	22.14	ppb
Uranium	238-1	0.68	0.69	0.68	0.68	1.03	ppb
Vanadium	51-2	96.07	95.20	95.69	95.65	0.46	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	207.18	209.10	212.23	209.50	1.22	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	53.99	ppb
Zirconium	91-1	0.06	0.05	0.06	0.06	6.42	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:18:18	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.72	16.67	15.25	16.22	5.15	ppb
Antimony	121-1	2.04	1.97	2.08	2.03	2.69	ppb
Arsenic	75-2	1.13	1.07	0.93	1.04	9.61	ppb
Barium	135-1	9.38	9.16	10.20	9.58	5.72	ppb
Barium	137-1	9.49	9.56	9.93	9.66	2.45	ppb
Beryllium	9-1	1.16	1.22	1.05	1.14	7.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	21.73	24.28	24.63	23.55	6.73	ppb
Boron	11-1	21.59	23.87	25.10	23.52	7.57	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.04	0.88	1.20	1.04	15.42	ppb
Cadmium	106-1	0.23	-1.63	1.55	0.05	3173.13	ppb
Cadmium	108-1	1.06	1.61	0.74	1.14	38.55	ppb
Calcium	43-1	529.36	535.13	542.95	535.81	1.27	ppb
Calcium	44-1	540.00	545.29	544.18	543.16	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.15	2.12	2.10	3.46	ppb
Cobalt	59-2	1.08	1.07	1.04	1.06	1.92	ppb
Copper	63-2	2.12	2.26	2.16	2.18	3.40	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				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	55.52	56.35	56.85	56.24	1.20	ppb
Iron	57-2	57.40	61.86	55.36	58.21	5.71	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:18:18	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	60.18	59.81	56.41	58.80	3.53	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.87	0.91	0.89	2.58	ppb
Lead	207-1	0.94	0.86	0.86	0.89	4.94	ppb
Lead	208-1	0.89	0.87	0.87	0.87	1.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	523.67	528.54	521.52	524.58	0.69	ppb
Manganese	55-2	1.06	1.02	1.06	1.05	2.01	ppb
Molybdenum	94-1	5.59	5.61	5.71	5.64	1.12	ppb
Molybdenum	95-1	4.78	4.80	4.90	4.83	1.31	ppb
Molybdenum	96-1	4.79	4.88	4.95	4.87	1.60	ppb
Molybdenum	97-1	4.87	4.81	5.01	4.89	2.18	ppb
Molybdenum	98-1	4.74	4.84	4.79	4.79	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.05	1.13	1.09	3.50	ppb
Phosphorus	31-2	12.99	20.41	7.34	13.58	48.27	ppb
Potassium	39-2	537.76	543.72	539.81	540.43	0.56	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	5.18	5.07	5.35	5.20	2.69	ppb
Selenium	77-2	7.03	7.03	6.66	6.90	3.13	ppb
Selenium	78-2	3.79	3.78	5.73	4.43	25.27	ppb
Silicon	28-1	2.10	2.24	2.40	2.25	6.68	ppb
Silver	107-1	1.04	1.06	1.10	1.06	2.81	ppb
Silver	109-1	1.07	1.06	1.08	1.07	1.02	ppb
Sodium	23-2	539.24	538.79	534.52	537.52	0.48	ppb
Strontium	86-1	0.89	1.03	0.92	0.94	7.84	ppb
Strontium	88-1	0.93	0.94	0.97	0.95	1.94	ppb
Sulfur	34-1	-17.01	-4.58	-49.73	-23.77		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.89	0.85	0.84	0.86	3.06	ppb
Thallium	205-1	0.90	0.86	0.85	0.87	3.09	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:18:18	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.10	5.11	5.27	5.16	1.77	ppb
Titanium	47-1	4.93	5.11	5.05	5.03	1.88	ppb
Uranium	238-1	0.81	0.81	0.80	0.81	0.78	ppb
Vanadium	51-2	5.06	5.04	5.15	5.08	1.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	2.51	2.04	2.63	2.40	13.07	ppb
Zirconium	90-1	0.94	0.93	0.95	0.94	1.34	ppb
Zirconium	91-1	0.94	1.00	1.05	1.00	5.20	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:21:34	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.32	-5.30	-5.27	-5.30		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	38.85	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	86.61	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	151.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	1.44	1.24	0.77	1.15	29.71	ppb
Boron	11-1	1.40	1.32	0.97	1.23	18.41	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.12	0.11	0.04	0.09	52.42	ppb
Cadmium	106-1	1.44	1.25	0.32	1.00	59.59	ppb
Cadmium	108-1	0.03	-0.12	0.01	-0.03		ppb
Calcium	43-1	-1.72	-1.27	-1.29	-1.43		ppb
Calcium	44-1	-1.80	-1.56	-2.18	-1.85		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	-0.05	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	72.88	ppb
Copper	63-2	-0.07	-0.04	-0.08	-0.06		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	-0.87	-1.06	-1.01	-0.98		ppb
Iron	57-2	-0.30	0.75	-0.45	0.00		ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:21:34	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.32	-2.48	-0.49	-1.43		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.22	-1.42	-1.26	-1.30		ppb
Manganese	55-2	0.05	0.06	0.02	0.04	46.94	ppb
Molybdenum	94-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	-0.01	-0.02		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-5.66	-12.41	-11.33	-9.80		ppb
Potassium	39-2	-1.30	1.78	2.90	1.13	192.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	0.57	0.02	0.31	0.30	91.89	ppb
Selenium	77-2	-0.12	-0.12	-0.12	-0.12		ppb
Selenium	78-2	-0.96	-0.17	-0.02	-0.38		ppb
Silicon	28-1	-5.13	-5.05	-4.44	-4.87		ppb
Silver	107-1	0.01	0.00	0.00	0.01	97.66	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.03	ppb
Sodium	23-2	2.66	2.31	2.88	2.62	10.97	ppb
Strontium	86-1	-0.04	-0.03	-0.05	-0.04		ppb
Strontium	88-1	-0.04	-0.05	-0.05	-0.05		ppb
Sulfur	34-1	-71.39	-15.26	18.22	-22.81		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.01	0.01	54.23	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	24.20	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:21:34	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	-0.01	0.02	0.01	220.86	ppb
Titanium	47-1	-0.06	0.00	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	-0.05	-0.06	-0.09	-0.07		ppb
Zirconium	90-1	0.00	-0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:24:52	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97327.56	96432.73	96708.95	96823.08	0.47	ppb
Antimony	121-1	1.10	1.09	1.11	1.10	1.23	ppb
Arsenic	75-2	0.45	0.47	0.43	0.45	4.71	ppb
Barium	135-1	1.48	1.39	1.45	1.44	3.06	ppb
Barium	137-1	1.40	1.41	1.46	1.42	2.42	ppb
Beryllium	9-1	0.27	0.30	0.33	0.30	10.34	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	1.32	1.04	0.77	1.04	26.23	ppb
Boron	11-1	1.23	1.33	1.11	1.22	9.01	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.41	0.29	0.22	0.31	31.11	ppb
Cadmium	106-1	-0.91	-1.51	-3.47	-1.96		ppb
Cadmium	108-1	13.20	13.19	12.90	13.10	1.29	ppb
Calcium	43-1	106375.75	108597.01	106515.07	107162.61	1.16	ppb
Calcium	44-1	103804.69	104044.83	105996.64	104615.39	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.00	19.72	19.88	19.87	0.68	ppb
Cobalt	59-2	1.13	1.22	1.24	1.20	4.54	ppb
Copper	63-2	7.42	7.58	7.44	7.48	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	103790.61	104309.56	104518.26	104206.14	0.36	ppb
Iron	57-2	104636.71	103111.11	103941.17	103896.33	0.74	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:24:52	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	105296.66	104600.44	104267.73	104721.61	0.50	ppb
Krypton	83-1						cps
Lead	206-1	4.80	4.63	4.63	4.69	2.05	ppb
Lead	207-1	4.31	4.11	3.97	4.13	4.15	ppb
Lead	208-1	4.45	4.31	4.25	4.34	2.47	ppb
Lithium	6-1				94		%
Magnesium	24-2	94674.90	95514.82	95632.78	95274.17	0.55	ppb
Manganese	55-2	7.55	7.58	7.83	7.65	2.02	ppb
Molybdenum	94-1	1543.36	1529.75	1558.47	1543.86	0.93	ppb
Molybdenum	95-1	1870.91	1870.76	1910.89	1884.19	1.23	ppb
Molybdenum	96-1	1844.49	1853.68	1860.95	1853.04	0.45	ppb
Molybdenum	97-1	1873.50	1866.83	1891.91	1877.41	0.69	ppb
Molybdenum	98-1	1860.20	1869.52	1870.30	1866.67	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.63	5.85	5.44	5.64	3.63	ppb
Phosphorus	31-2	97590.69	96677.43	97856.44	97374.85	0.64	ppb
Potassium	39-2	99045.58	98707.72	99343.38	99032.23	0.32	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	82-1	0.40	-0.26	0.61	0.25	183.34	ppb
Selenium	77-2	0.66	0.28	-0.12	0.27	143.66	ppb
Selenium	78-2	-0.50	-0.59	-0.43	-0.50		ppb
Silicon	28-1	9.68	8.66	8.44	8.93	7.38	ppb
Silver	107-1	0.05	0.03	0.02	0.03	37.71	ppb
Silver	109-1	0.04	0.02	0.03	0.03	36.64	ppb
Sodium	23-2	102793.26	102553.58	102401.44	102582.76	0.19	ppb
Strontium	86-1	34.41	33.91	34.48	34.27	0.91	ppb
Strontium	88-1	34.23	33.91	34.39	34.18	0.71	ppb
Sulfur	34-1	101922.13	103957.92	103541.30	103140.45	1.04	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.06	0.08	0.06	28.54	ppb
Thallium	205-1	0.03	0.04	0.06	0.04	32.15	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:24:52	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.05	0.08	0.07	0.07	19.53	ppb
Titanium	47-1	2057.26	2031.42	2054.27	2047.65	0.69	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	9.46	ppb
Vanadium	51-2	0.20	0.20	0.25	0.21	13.42	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	10.29	11.27	10.94	10.84	4.59	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	45.22	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	132.31	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:27:55	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95717.82	95768.19	94711.54	95399.18	0.62	ppb
Antimony	121-1	18.72	20.60	22.99	20.77	10.30	ppb
Arsenic	75-2	21.44	20.28	19.87	20.53	3.95	ppb
Barium	135-1	18.78	20.37	22.99	20.72	10.25	ppb
Barium	137-1	18.60	20.81	22.86	20.75	10.26	ppb
Beryllium	9-1	19.71	21.55	22.11	21.12	5.96	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Boron	10-1	0.90	1.19	0.94	1.01	15.68	ppb
Boron	11-1	0.96	1.01	1.15	1.04	9.20	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	18.07	20.01	22.35	20.14	10.64	ppb
Cadmium	106-1	12.55	13.35	13.28	13.06	3.40	ppb
Cadmium	108-1	27.19	29.21	29.84	28.75	4.82	ppb
Calcium	43-1	94292.54	105592.98	113143.44	104342.99	9.09	ppb
Calcium	44-1	94396.28	103879.17	112417.33	103564.26	8.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.84	40.23	39.38	39.81	1.06	ppb
Cobalt	59-2	21.66	21.50	21.39	21.52	0.61	ppb
Copper	63-2	27.02	26.79	26.64	26.82	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	104806.44	103102.77	103953.01	103954.07	0.82	ppb
Iron	57-2	103484.10	104634.23	104983.06	104367.13	0.75	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:27:55	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	103183.44	102832.23	103739.68	103251.78	0.44	ppb
Krypton	83-1						cps
Lead	206-1	23.46	24.94	28.00	25.47	9.10	ppb
Lead	207-1	22.07	23.65	26.36	24.03	9.03	ppb
Lead	208-1	22.48	24.04	26.93	24.48	9.22	ppb
Lithium	6-1				92		%
Magnesium	24-2	94248.98	94909.34	93375.72	94178.01	0.82	ppb
Manganese	55-2	27.63	28.00	27.77	27.80	0.68	ppb
Molybdenum	94-1	1439.48	1543.51	1702.13	1561.71	8.47	ppb
Molybdenum	95-1	1723.00	1860.08	2094.14	1892.40	9.92	ppb
Molybdenum	96-1	1701.88	1823.36	2043.00	1856.08	9.32	ppb
Molybdenum	97-1	1752.53	1863.17	2104.77	1906.82	9.45	ppb
Molybdenum	98-1	1730.73	1825.10	2075.01	1876.95	9.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.99	25.82	25.58	25.80	0.80	ppb
Phosphorus	31-2	98285.82	97507.35	97079.66	97624.28	0.63	ppb
Potassium	39-2	99636.58	99329.04	98135.38	99033.67	0.80	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	82-1	19.87	21.16	24.54	21.85	11.04	ppb
Selenium	77-2	25.97	19.34	17.35	20.89	21.61	ppb
Selenium	78-2	18.49	19.05	24.70	20.75	16.56	ppb
Silicon	28-1	3.65	8.66	14.33	8.88	60.19	ppb
Silver	107-1	17.14	18.74	20.73	18.87	9.53	ppb
Silver	109-1	17.40	18.74	20.85	18.99	9.16	ppb
Sodium	23-2	100766.64	100939.20	100344.96	100683.60	0.30	ppb
Strontium	86-1	31.12	34.40	37.91	34.48	9.85	ppb
Strontium	88-1	31.51	33.86	37.70	34.36	9.09	ppb
Sulfur	34-1	90715.65	100986.57	109118.60	100273.61	9.20	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	18.99	20.60	23.05	20.88	9.78	ppb
Thallium	205-1	19.02	20.34	23.03	20.80	9.84	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:27:55	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.02	0.07	0.13	0.07	77.62	ppb
Titanium	47-1	1836.43	2027.11	2176.22	2013.25	8.46	ppb
Uranium	238-1	0.01	0.02	0.02	0.01	18.26	ppb
Vanadium	51-2	20.31	20.16	20.32	20.26	0.43	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	30.83	30.04	31.52	30.80	2.41	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	58.13	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	67.96	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:39:24	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50792.32	50019.91	49366.25	50059.49	1.43	ppb
Antimony	121-1	503.68	514.85	505.75	508.09	1.17	ppb
Arsenic	75-2	488.16	484.65	486.55	486.46	0.36	ppb
Barium	135-1	2570.37	2647.23	2596.21	2604.61	1.50	ppb
Barium	137-1	2542.83	2612.24	2561.41	2572.16	1.40	ppb
Beryllium	9-1	527.79	538.19	528.23	531.40	1.11	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	493.23	518.33	521.91	511.16	3.06	ppb
Boron	11-1	488.92	519.93	522.23	510.36	3.65	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	483.64	494.75	488.48	488.96	1.14	ppb
Cadmium	106-1	492.15	505.85	493.07	497.02	1.54	ppb
Cadmium	108-1	489.38	512.96	497.44	499.92	2.40	ppb
Calcium	43-1	259990.98	268074.68	262309.87	263458.51	1.58	ppb
Calcium	44-1	255714.74	263857.73	255242.44	258271.64	1.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.99	526.75	514.96	521.90	1.18	ppb
Cobalt	59-2	516.48	519.65	509.11	515.08	1.05	ppb
Copper	63-2	5252.06	5210.59	5144.09	5202.24	1.05	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				99		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	132493.71	134444.32	130501.31	132479.78	1.49	ppb
Iron	57-2	132652.61	133246.30	129639.60	131846.17	1.47	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:39:24	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	133438.22	132663.40	129877.07	131992.90	1.42	ppb
Krypton	83-1						cps
Lead	206-1	2619.98	2692.51	2633.15	2648.54	1.46	ppb
Lead	207-1	2646.17	2675.72	2640.36	2654.08	0.71	ppb
Lead	208-1	2640.89	2682.75	2639.65	2654.43	0.92	ppb
Lithium	6-1				90		%
Magnesium	24-2	248793.98	248853.66	246662.41	248103.35	0.50	ppb
Manganese	55-2	5163.54	5185.06	5071.33	5139.97	1.18	ppb
Molybdenum	94-1	5168.47	5238.65	5216.02	5207.71	0.69	ppb
Molybdenum	95-1	5187.43	5162.47	5285.39	5211.76	1.25	ppb
Molybdenum	96-1	5201.66	5227.14	5225.33	5218.04	0.27	ppb
Molybdenum	97-1	5167.12	5248.29	5230.14	5215.18	0.82	ppb
Molybdenum	98-1	5137.10	5199.11	5232.24	5189.48	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.96	503.50	494.01	499.16	0.96	ppb
Phosphorus	31-2	9912.73	10143.08	10018.69	10024.83	1.15	ppb
Potassium	39-2	124747.40	126074.51	125474.38	125432.09	0.53	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	477.65	487.80	490.11	485.19	1.37	ppb
Selenium	77-2	486.22	459.68	472.11	472.67	2.81	ppb
Selenium	78-2	469.65	480.28	467.73	472.55	1.43	ppb
Silicon	28-1	472.51	507.54	521.14	500.40	5.01	ppb
Silver	107-1	491.55	502.72	499.11	497.79	1.14	ppb
Silver	109-1	494.11	499.47	491.50	495.03	0.82	ppb
Sodium	23-2	257186.34	254109.05	250615.51	253970.30	1.29	ppb
Strontium	86-1	12993.05	12901.82	13085.26	12993.38	0.71	ppb
Strontium	88-1	12781.04	12883.42	12822.36	12828.94	0.40	ppb
Sulfur	34-1	10287.98	10576.57	10358.59	10407.71	1.45	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	533.76	542.61	530.75	535.70	1.15	ppb
Thallium	205-1	527.39	533.41	526.36	529.05	0.72	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:39:24	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	505.82	513.17	517.54	512.18	1.16	ppb
Titanium	47-1	5175.66	5353.03	5305.46	5278.05	1.74	ppb
Uranium	238-1	541.97	544.97	535.95	540.96	0.85	ppb
Vanadium	51-2	531.54	536.66	522.76	530.32	1.33	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	5045.73	5096.96	4909.70	5017.46	1.93	ppb
Zirconium	90-1	516.28	526.04	527.21	523.18	1.15	ppb
Zirconium	91-1	510.04	516.91	520.62	515.86	1.04	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:53:43	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.38	-5.38	-4.35	-5.04		ppb
Antimony	121-1	0.07	0.06	0.06	0.06	7.09	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	86.64	ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	5.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	1.18	1.08	1.62	1.30	22.20	ppb
Boron	11-1	1.27	1.53	1.33	1.38	10.00	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.17	-0.05	-0.29	-0.17		ppb
Cadmium	106-1	-2.15	-0.71	-3.67	-2.17		ppb
Cadmium	108-1	-0.04	-0.09	-0.04	-0.06		ppb
Calcium	43-1	-1.02	-0.68	-2.16	-1.29		ppb
Calcium	44-1	-0.58	-0.20	0.36	-0.14		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.11	-0.08	-0.07	-0.09		ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	82.40	ppb
Copper	63-2	-0.03	0.02	0.06	0.02	250.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	-0.59	-0.46	0.26	-0.26		ppb
Iron	57-2	-0.16	-0.25	-0.39	-0.27		ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:53:43	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	-1.03	-1.52	-0.17	-0.91		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.02	25.71	ppb
Lead	207-1	0.03	0.02	0.02	0.03	21.08	ppb
Lead	208-1	0.03	0.02	0.02	0.03	13.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.41	-0.30	4.22	1.17	225.17	ppb
Manganese	55-2	0.01	0.00	0.04	0.01	166.68	ppb
Molybdenum	94-1	0.04	0.02	0.01	0.02	55.13	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	24.64	ppb
Molybdenum	96-1	0.04	0.04	0.02	0.03	41.50	ppb
Molybdenum	97-1	0.04	0.03	0.01	0.03	51.57	ppb
Molybdenum	98-1	0.05	0.01	0.02	0.03	80.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-12.45	-9.26	-10.15	-10.62		ppb
Potassium	39-2	-0.64	-1.94	5.93	1.12	377.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.30	0.05	0.02	0.12	122.11	ppb
Selenium	77-2	-0.12	0.23	-0.12	0.00		ppb
Selenium	78-2	-0.49	-1.28	-0.63	-0.80		ppb
Silicon	28-1	-6.97	-7.14	-6.89	-7.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	89.23	ppb
Silver	109-1	0.01	0.00	0.00	0.00	109.93	ppb
Sodium	23-2	14.36	14.67	19.93	16.32	19.20	ppb
Strontium	86-1	0.02	0.00	-0.01	0.00	651.57	ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-255.17	-346.04	-303.02	-301.41		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	12.24	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	24.84	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:53:43	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.09	-0.06	-0.08	-0.08		ppb
Titanium	47-1	0.02	-0.01	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	7082.19	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.13	0.07	0.08	0.09	36.00	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	201.50	ppb
Zirconium	91-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:57:34	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.34	14.85	15.69	15.29	2.75	ppb
Antimony	121-1	1.99	2.06	2.03	2.02	1.69	ppb
Arsenic	75-2	1.03	1.06	1.25	1.11	10.57	ppb
Barium	135-1	9.34	9.51	9.41	9.42	0.87	ppb
Barium	137-1	9.31	9.40	9.71	9.47	2.20	ppb
Beryllium	9-1	1.10	1.14	1.14	1.13	2.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	21.91	22.50	26.10	23.50	9.65	ppb
Boron	11-1	22.05	24.73	25.89	24.22	8.14	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.16	1.09	1.12	1.12	2.86	ppb
Cadmium	106-1	1.48	1.69	0.80	1.32	34.90	ppb
Cadmium	108-1	0.66	1.17	1.25	1.03	31.06	ppb
Calcium	43-1	530.57	547.51	577.97	552.02	4.35	ppb
Calcium	44-1	539.62	558.55	550.54	549.57	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.05	2.04	2.06	1.24	ppb
Cobalt	59-2	1.07	1.03	0.98	1.03	4.20	ppb
Copper	63-2	2.25	2.18	2.17	2.20	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	54.99	56.48	56.62	56.03	1.61	ppb
Iron	57-2	59.44	59.65	56.89	58.66	2.62	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:57:34	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	56.59	61.01	59.30	58.97	3.77	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.92	0.94	0.92	2.09	ppb
Lead	207-1	0.93	0.85	0.90	0.90	4.58	ppb
Lead	208-1	0.90	0.90	0.90	0.90	0.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	513.72	517.38	514.08	515.06	0.39	ppb
Manganese	55-2	0.95	1.02	1.04	1.00	4.64	ppb
Molybdenum	94-1	5.59	5.62	5.77	5.66	1.65	ppb
Molybdenum	95-1	4.87	4.85	4.80	4.84	0.71	ppb
Molybdenum	96-1	4.90	4.90	4.93	4.91	0.33	ppb
Molybdenum	97-1	4.70	4.89	4.80	4.80	1.94	ppb
Molybdenum	98-1	4.78	4.70	4.94	4.80	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.08	1.00	1.04	3.81	ppb
Phosphorus	31-2	10.80	7.38	11.56	9.91	22.46	ppb
Potassium	39-2	532.82	533.11	534.96	533.63	0.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	5.73	5.22	5.74	5.56	5.33	ppb
Selenium	77-2	6.67	6.05	3.87	5.53	26.60	ppb
Selenium	78-2	3.45	2.62	3.72	3.26	17.56	ppb
Silicon	28-1	1.75	2.27	3.36	2.46	33.42	ppb
Silver	107-1	1.01	1.07	1.04	1.04	2.89	ppb
Silver	109-1	1.04	1.09	1.10	1.08	3.17	ppb
Sodium	23-2	535.06	538.76	537.43	537.09	0.35	ppb
Strontium	86-1	0.96	0.99	0.99	0.98	2.00	ppb
Strontium	88-1	0.94	0.96	0.96	0.95	1.38	ppb
Sulfur	34-1	-30.67	-87.80	-111.93	-76.80		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.89	0.85	0.91	0.88	2.92	ppb
Thallium	205-1	0.90	0.88	0.90	0.90	1.37	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:57:34	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.01	5.04	5.09	5.05	0.89	ppb
Titanium	47-1	4.89	5.11	4.95	4.98	2.29	ppb
Uranium	238-1	0.78	0.77	0.82	0.79	3.17	ppb
Vanadium	51-2	4.89	5.20	5.05	5.05	3.08	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.50	2.54	2.39	2.47	3.06	ppb
Zirconium	90-1	0.93	0.97	0.99	0.97	2.94	ppb
Zirconium	91-1	0.93	0.96	0.99	0.96	3.05	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	O2224-21DLX5	Instrumnet Name :	P7
Client Sample ID :	OU3-FC-BACKFILL-11DI	Dilution Factor :	5
Date & Time Acquired :	2023-04-20 17:09:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26038.39	25969.35	26208.58	26072.11	0.47	ppb
Antimony	121-1	0.07	0.08	0.08	0.08	12.40	ppb
Arsenic	75-2	2.79	2.53	2.29	2.54	9.73	ppb
Barium	135-1	13.84	13.80	13.46	13.70	1.54	ppb
Barium	137-1	13.83	13.70	13.20	13.57	2.43	ppb
Beryllium	9-1	0.12	0.10	0.11	0.11	11.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	262.91	269.87	281.41	271.40	3.44	ppb
Boron	11-1	273.69	277.68	290.67	280.68	3.16	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.14	0.04	0.15	0.11	58.31	ppb
Cadmium	106-1	1.47	0.22	1.58	1.09	69.53	ppb
Cadmium	108-1	1.52	1.30	1.20	1.34	11.98	ppb
Calcium	43-1	27662.13	28006.02	27425.54	27697.90	1.05	ppb
Calcium	44-1	25743.77	26593.15	25676.66	26004.53	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.82	4.91	5.10	4.94	2.92	ppb
Cobalt	59-2	31.37	31.38	31.95	31.57	1.04	ppb
Copper	63-2	78.98	79.01	80.51	79.50	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	66682.74	67574.91	67655.16	67304.27	0.80	ppb
Iron	57-2	67045.91	66245.00	66565.69	66618.87	0.61	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	O2224-21DLX5	Instrumnet Name :	P7
Client Sample ID :	OU3-FC-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2023-04-20 17:09:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	67716.98	68337.22	68608.49	68220.90	0.67	ppb
Krypton	83-1						cps
Lead	206-1	2.74	2.70	2.64	2.70	1.82	ppb
Lead	207-1	2.42	2.43	2.35	2.40	1.88	ppb
Lead	208-1	2.56	2.53	2.52	2.54	0.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	17376.08	17443.79	17643.28	17487.71	0.79	ppb
Manganese	55-2	369.10	365.03	370.88	368.34	0.81	ppb
Molybdenum	94-1	17.42	17.22	17.10	17.25	0.95	ppb
Molybdenum	95-1	0.84	0.80	0.80	0.81	2.71	ppb
Molybdenum	96-1	3.82	3.90	3.83	3.85	1.10	ppb
Molybdenum	97-1	0.83	0.82	0.86	0.84	2.52	ppb
Molybdenum	98-1	0.83	0.81	0.79	0.81	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.06	22.23	22.15	22.15	0.39	ppb
Phosphorus	31-2	891.36	856.01	874.87	874.08	2.02	ppb
Potassium	39-2	326.80	330.62	328.05	328.49	0.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	0.60	0.39	-0.13	0.29	130.60	ppb
Selenium	77-2	6.25	8.31	3.46	6.01	40.47	ppb
Selenium	78-2	0.66	-1.52	-0.75	-0.54		ppb
Silicon	28-1	1725.88	1752.81	1714.12	1730.94	1.15	ppb
Silver	107-1	0.11	0.09	0.06	0.09	27.76	ppb
Silver	109-1	0.08	0.07	0.08	0.08	5.77	ppb
Sodium	23-2	4825.12	4883.88	4855.49	4854.83	0.61	ppb
Strontium	86-1	51.07	50.13	50.00	50.40	1.16	ppb
Strontium	88-1	49.77	49.72	48.94	49.48	0.94	ppb
Sulfur	34-1	928.23	888.83	747.65	854.90	11.11	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.20	0.21	0.19	12.62	ppb
Thallium	205-1	0.13	0.16	0.18	0.16	15.93	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	O2224-21DLX5	Instrumnet Name :	P7
Client Sample ID :	OU3-FC-BACKFILL-11DI	Dilution Factor :	5
Date & Time Acquired :	2023-04-20 17:09:10	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	1.43	1.46	1.44	1.44	1.00	ppb
Titanium	47-1	1443.09	1477.65	1437.40	1452.71	1.50	ppb
Uranium	238-1	0.61	0.60	0.58	0.60	2.32	ppb
Vanadium	51-2	151.73	151.16	153.67	152.19	0.86	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	60.34	60.86	62.38	61.20	1.73	ppb
Zirconium	90-1	9.36	9.41	9.20	9.33	1.18	ppb
Zirconium	91-1	9.18	9.19	9.16	9.18	0.22	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:14:31	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49461.19	49885.25	49276.57	49541.01	0.63	ppb
Antimony	121-1	496.94	491.84	490.17	492.98	0.72	ppb
Arsenic	75-2	482.79	487.26	479.27	483.11	0.83	ppb
Barium	135-1	2569.25	2519.25	2452.82	2513.77	2.32	ppb
Barium	137-1	2506.48	2488.75	2442.75	2479.33	1.33	ppb
Beryllium	9-1	527.21	537.24	528.08	530.84	1.05	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Boron	10-1	485.63	512.38	518.83	505.62	3.48	ppb
Boron	11-1	480.41	515.93	521.06	505.80	4.38	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	476.97	473.37	469.97	473.43	0.74	ppb
Cadmium	106-1	480.48	481.37	482.31	481.39	0.19	ppb
Cadmium	108-1	488.24	479.90	474.27	480.80	1.46	ppb
Calcium	43-1	254508.02	257468.68	251609.72	254528.81	1.15	ppb
Calcium	44-1	251255.78	254261.72	250325.07	251947.52	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.82	520.37	518.96	519.39	0.17	ppb
Cobalt	59-2	507.13	511.50	501.12	506.58	1.03	ppb
Copper	63-2	5073.24	5157.88	5125.25	5118.79	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	131107.52	131077.86	130650.33	130945.24	0.20	ppb
Iron	57-2	131884.73	131399.68	131502.28	131595.57	0.19	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:14:31	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	129830.89	132188.49	130811.41	130943.60	0.90	ppb
Krypton	83-1						cps
Lead	206-1	2633.90	2632.61	2548.99	2605.17	1.87	ppb
Lead	207-1	2664.86	2596.89	2587.65	2616.47	1.61	ppb
Lead	208-1	2645.29	2605.97	2572.37	2607.88	1.40	ppb
Lithium	6-1				88		%
Magnesium	24-2	247032.84	249894.24	249303.21	248743.43	0.61	ppb
Manganese	55-2	5112.09	5074.60	5115.81	5100.83	0.45	ppb
Molybdenum	94-1	5186.23	5077.00	5039.17	5100.80	1.50	ppb
Molybdenum	95-1	5206.62	5058.49	5071.62	5112.24	1.60	ppb
Molybdenum	96-1	5127.55	5085.72	5172.77	5128.68	0.85	ppb
Molybdenum	97-1	5150.55	5080.32	5150.95	5127.27	0.79	ppb
Molybdenum	98-1	5124.25	5041.84	5092.91	5086.34	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.69	500.81	495.70	497.40	0.59	ppb
Phosphorus	31-2	10083.26	10029.46	10234.94	10115.88	1.05	ppb
Potassium	39-2	124248.13	125752.83	127611.91	125870.96	1.34	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	82-1	469.55	470.67	477.53	472.59	0.91	ppb
Selenium	77-2	470.75	462.68	495.54	476.33	3.60	ppb
Selenium	78-2	479.56	466.11	482.62	476.10	1.84	ppb
Silicon	28-1	466.47	499.73	513.18	493.13	4.88	ppb
Silver	107-1	489.25	476.68	477.88	481.27	1.44	ppb
Silver	109-1	485.88	483.58	475.69	481.72	1.11	ppb
Sodium	23-2	252138.76	253671.49	252589.83	252800.03	0.31	ppb
Strontium	86-1	12800.67	12578.78	12616.11	12665.19	0.94	ppb
Strontium	88-1	12669.46	12465.06	12446.61	12527.04	0.99	ppb
Sulfur	34-1	10220.85	10382.12	10184.99	10262.65	1.02	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	530.93	528.01	515.51	524.82	1.56	ppb
Thallium	205-1	514.02	522.53	511.82	516.12	1.10	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:14:31	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	505.48	505.06	497.62	502.72	0.88	ppb
Titanium	47-1	5077.82	5206.17	5197.84	5160.61	1.39	ppb
Uranium	238-1	543.31	538.33	530.43	537.35	1.21	ppb
Vanadium	51-2	522.90	528.19	523.58	524.89	0.55	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	4969.38	4999.46	4904.85	4957.89	0.97	ppb
Zirconium	90-1	522.89	512.37	510.49	515.25	1.30	ppb
Zirconium	91-1	508.13	500.45	503.39	503.99	0.77	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:30:21	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-5.02	-4.87	-4.88	-4.92		ppb
Antimony	121-1	0.06	0.06	0.06	0.06	3.75	ppb
Arsenic	75-2	0.00	0.04	0.01	0.02	115.17	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	228.89	ppb
Barium	137-1	0.01	0.01	0.00	0.00	173.16	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	46.13	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	2.22	1.91	2.28	2.14	9.28	ppb
Boron	11-1	2.05	2.26	1.99	2.10	6.66	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.31	-0.10	-0.27	-0.23		ppb
Cadmium	106-1	-3.69	-1.31	-3.52	-2.84		ppb
Cadmium	108-1	0.09	-0.06	-0.06	-0.01		ppb
Calcium	43-1	-1.97	-1.06	-1.21	-1.42		ppb
Calcium	44-1	1.25	1.21	1.53	1.33	13.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.10	-0.01	-0.06	-0.06		ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	94.05	ppb
Copper	63-2	0.06	0.01	0.02	0.03	87.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	0.24	0.23	0.35	0.27	24.05	ppb
Iron	57-2	0.54	0.63	-0.11	0.36	113.17	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:30:21	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.11	-1.01	1.20	0.10	1089.33	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.04	16.15	ppb
Lead	207-1	0.06	0.05	0.05	0.05	15.98	ppb
Lead	208-1	0.05	0.04	0.05	0.05	9.00	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.71	0.57	0.71	0.66	12.27	ppb
Manganese	55-2	0.05	0.05	0.05	0.05	6.26	ppb
Molybdenum	94-1	0.07	0.03	0.05	0.05	37.36	ppb
Molybdenum	95-1	0.08	0.06	0.07	0.07	17.12	ppb
Molybdenum	96-1	0.07	0.03	0.06	0.05	45.56	ppb
Molybdenum	97-1	0.07	0.05	0.04	0.05	33.49	ppb
Molybdenum	98-1	0.07	0.04	0.04	0.05	37.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-11.36	-5.36	-13.14	-9.95		ppb
Potassium	39-2	1.69	-1.41	1.01	0.43	382.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.58	0.11	0.35	0.35	68.81	ppb
Selenium	77-2	-0.12	-0.12	-0.12	-0.12		ppb
Selenium	78-2	0.59	-0.44	0.11	0.08	611.17	ppb
Silicon	28-1	-4.32	-5.24	-4.62	-4.73		ppb
Silver	107-1	0.01	0.01	0.00	0.01	52.73	ppb
Silver	109-1	0.01	0.01	0.00	0.01	45.45	ppb
Sodium	23-2	16.59	16.18	16.37	16.38	1.28	ppb
Strontium	86-1	0.03	0.05	0.18	0.09	99.59	ppb
Strontium	88-1	0.06	0.03	0.12	0.07	73.04	ppb
Sulfur	34-1	-148.43	-195.40	-193.10	-178.98		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.02	0.02	51.24	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.47	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:30:21	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.03	-0.02	-0.04	-0.03		ppb
Titanium	47-1	0.03	0.01	0.01	0.02	95.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	113.66	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	220.76	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.14	0.05	0.21	0.13	61.52	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	80.77	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	90.83	ppb

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:34:48	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	730	833	753	772	7.02	cps
Antimony	121-1	43	37	30	37	18.18	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	37	7	40	28	66.08	cps
Barium	137-1	53	47	57	52	9.75	cps
Beryllium	9-1	63	67	57	62	8.18	cps
Bismuth	209-1	5246497	5282002	5194717	5241072	0.84	cps
Bismuth	209-2	4473186	4581491	4550752	4535143	1.23	cps
Boron	10-1	150	180	170	167	9.17	cps
Boron	11-1	690	653	703	682	3.80	cps
Bromine	81-1	36091	37000	36522	36537	1.24	cps
Bromine	81-2	30	73	40	48	47.49	cps
Cadmium	111-1	4355	4233	4158	4248	2.34	cps
Cadmium	106-1	6241	6048	5955	6081	2.41	cps
Cadmium	108-1	20	20	20	20	0.00	cps
Calcium	43-1	97	127	137	120	17.35	cps
Calcium	44-1	6088	6178	6135	6134	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	867	790	857	838	4.97	cps
Cobalt	59-2	40	17	27	28	42.13	cps
Copper	63-2	760	753	730	748	2.11	cps
Dysprosium	156-1	10	0	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	47	70	57	58	20.26	cps
Erbium	164-2	27	33	67	42	50.76	cps
Gadolinium	160-1	33	33	23	30	19.25	cps
Gadolinium	160-2	250	303	290	281	9.87	cps
Holmium	165-1	8392371	8370182	8432518	8398357	0.38	cps
Holmium	165-2	5827483	5916240	5833735	5859153	0.85	cps
Indium	115-1	6268665	6354470	6197680	6273605	1.25	cps
Indium	115-2	2227184	2265375	2277545	2256702	1.16	cps
Iron	56-2	10844	10877	11081	10934	1.17	cps
Iron	57-2	400	360	317	359	11.61	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:34:48	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1603	1530	1543	1559	2.51	cps
Krypton	83-1	103	100	97	100	3.33	cps
Lead	206-1	260	317	230	269	16.37	cps
Lead	207-1	223	203	177	201	11.64	cps
Lead	208-1	1023	1080	940	1014	6.94	cps
Lithium	6-1	1748396	1798656	1854518	1800523	2.95	cps
Magnesium	24-2	510	600	483	531	11.51	cps
Manganese	55-2	140	197	133	157	22.21	cps
Molybdenum	94-1	220	153	170	181	19.16	cps
Molybdenum	95-1	93	80	117	97	19.20	cps
Molybdenum	96-1	123	127	117	122	4.17	cps
Molybdenum	97-1	57	43	43	48	16.12	cps
Molybdenum	98-1	93	147	133	124	22.31	cps
Neodymium	150-1	10	0	13	8	89.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	60	90	90	80	21.65	cps
Phosphorus	31-2	193	227	170	197	14.48	cps
Potassium	39-2	43769	43830	44247	43949	0.59	cps
Rhodium	103-1	5956685	6012654	5914419	5961253	0.83	cps
Rhodium	103-2	3274757	3274055	3328865	3292559	0.96	cps
Scandium	45-1	4116262	4059603	4039844	4071903	0.97	cps
Scandium	45-2	307395	309106	307476	307993	0.31	cps
Selenium	82-1	9	15	13	12	24.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	210	207	247	221	10.04	cps
Silicon	28-1	337432	338314	343499	339748	0.96	cps
Silver	107-1	80	93	90	88	7.90	cps
Silver	109-1	27	33	20	27	24.99	cps
Sodium	23-2	7835	7665	8002	7834	2.15	cps
Strontium	86-1	267	260	233	253	6.96	cps
Strontium	88-1	887	913	877	892	2.12	cps
Sulfur	34-1	186935	189938	187286	188053	0.87	cps
Terbium	159-1	8602983	8614249	8662543	8626592	0.37	cps
Terbium	159-2	5714160	5762004	5688755	5721640	0.65	cps
Thallium	203-1	47	60	47	51	15.06	cps
Thallium	205-1	120	116	103	113	7.81	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:34:48	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1030	913	920	954	6.86	cps
Titanium	47-1	120	103	100	108	9.94	cps
Uranium	238-1	33	47	17	32	46.65	cps
Vanadium	51-2	7	17	13	12	41.65	cps
Yttrium	89-1	14347961	14591675	14363301	14434312	0.95	cps
Yttrium	89-2	3504131	3534974	3599465	3546190	1.37	cps
Zinc	66-2	117	127	163	136	18.13	cps
Zirconium	90-1	490	330	483	434	20.83	cps
Zirconium	91-1	113	83	73	90	23.14	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:41:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3044	3104	3134	3094	1.48	cps
Antimony	121-1	9770	9717	10217	9901	2.78	cps
Arsenic	75-2	273	283	237	264	9.29	cps
Barium	135-1	13970	14317	14254	14181	1.30	cps
Barium	137-1	24872	24551	24611	24678	0.69	cps
Beryllium	9-1	1527	1583	1427	1512	5.25	cps
Bismuth	209-1	5360984	5337009	5400714	5366235	0.60	cps
Bismuth	209-2	4523072	4566611	4534623	4541435	0.50	cps
Boron	10-1	4701	4821	4657	4726	1.79	cps
Boron	11-1	20213	22096	22887	21732	6.32	cps
Bromine	81-1	35613	36271	35981	35955	0.92	cps
Bromine	81-2	43	37	27	36	23.58	cps
Cadmium	111-1	5892	5712	5884	5830	1.75	cps
Cadmium	106-1	6381	6231	6265	6293	1.25	cps
Cadmium	108-1	140	133	130	134	3.79	cps
Calcium	43-1	9873	9897	10207	9992	1.86	cps
Calcium	44-1	162274	164643	163312	163410	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5264	5181	5008	5151	2.54	cps
Cobalt	59-2	3747	3564	3644	3652	2.52	cps
Copper	63-2	5861	5448	5538	5616	3.87	cps
Dysprosium	156-1	10	13	3	9	57.30	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	87	50	73	70	26.51	cps
Erbium	164-2	33	33	50	39	24.75	cps
Gadolinium	160-1	50	33	47	43	20.36	cps
Gadolinium	160-2	250	280	233	254	9.29	cps
Holmium	165-1	8530673	8581343	8627228	8579748	0.56	cps
Holmium	165-2	5849100	5900284	5748124	5832503	1.33	cps
Indium	115-1	6435018	6295009	6331160	6353729	1.14	cps
Indium	115-2	2272769	2269443	2214774	2252329	1.45	cps
Iron	56-2	120088	118421	117081	118530	1.27	cps
Iron	57-2	3037	3114	3040	3064	1.41	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:41:21	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7819	7429	7595	7614	2.57	cps
Krypton	83-1	110	67	90	89	24.40	cps
Lead	206-1	5054	4874	4768	4899	2.96	cps
Lead	207-1	3841	3997	3991	3943	2.25	cps
Lead	208-1	19422	19072	18965	19153	1.25	cps
Lithium	6-1	1873761	1810120	1824091	1835990	1.82	cps
Magnesium	24-2	116940	115892	115100	115977	0.80	cps
Manganese	55-2	2040	1857	1993	1963	4.85	cps
Molybdenum	94-1	12459	12652	12319	12477	1.34	cps
Molybdenum	95-1	15428	15682	15435	15515	0.93	cps
Molybdenum	96-1	16416	17280	16633	16776	2.68	cps
Molybdenum	97-1	9523	9570	9160	9418	2.38	cps
Molybdenum	98-1	23906	24314	24464	24228	1.19	cps
Neodymium	150-1	13	10	10	11	17.30	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	963	917	1033	971	6.05	cps
Phosphorus	31-2	393	367	330	363	8.75	cps
Potassium	39-2	189962	189598	188330	189297	0.45	cps
Rhodium	103-1	5963089	5939439	6032076	5978201	0.81	cps
Rhodium	103-2	3335427	3293407	3309338	3312724	0.64	cps
Scandium	45-1	4223063	4218242	4142440	4194582	1.08	cps
Scandium	45-2	311062	306906	308302	308756	0.68	cps
Selenium	82-1	478	568	553	533	9.09	cps
Selenium	77-2	47	40	80	56	38.57	cps
Selenium	78-2	357	370	357	361	2.13	cps
Silicon	28-1	364831	367404	367067	366434	0.38	cps
Silver	107-1	7352	7482	7702	7512	2.36	cps
Silver	109-1	6952	7152	6975	7026	1.56	cps
Sodium	23-2	194806	193296	192457	193520	0.62	cps
Strontium	86-1	2300	2014	2297	2204	7.47	cps
Strontium	88-1	18025	18208	18739	18324	2.02	cps
Sulfur	34-1	189664	189968	191265	190299	0.45	cps
Terbium	159-1	8764803	8529227	8660027	8651352	1.36	cps
Terbium	159-2	5888430	5783222	5804346	5825333	0.96	cps
Thallium	203-1	5681	5785	5698	5721	0.97	cps
Thallium	205-1	13695	13314	13798	13602	1.87	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:41:21	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	24491	24491	23960	24314	1.26	cps
Titanium	47-1	4317	4451	4411	4393	1.56	cps
Uranium	238-1	16070	16467	16534	16357	1.53	cps
Vanadium	51-2	10067	9406	9560	9678	3.57	cps
Yttrium	89-1	14557409	14474888	14715538	14582611	0.84	cps
Yttrium	89-2	3579185	3528584	3572763	3560177	0.77	cps
Zinc	66-2	1017	1007	963	996	2.85	cps
Zirconium	90-1	10414	10614	10821	10616	1.92	cps
Zirconium	91-1	2284	2280	2454	2339	4.24	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:44:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132912	134466	132055	133144	0.92	cps
Antimony	121-1	238113	242376	245053	241847	1.45	cps
Arsenic	75-2	12899	13136	12886	12974	1.09	cps
Barium	135-1	360637	363294	368151	364027	1.05	cps
Barium	137-1	628784	644989	640571	638115	1.31	cps
Beryllium	9-1	68252	69565	68969	68929	0.95	cps
Bismuth	209-1	5306373	5319922	5354366	5326887	0.46	cps
Bismuth	209-2	4465339	4460490	4456557	4460795	0.10	cps
Boron	10-1	9490	9957	10664	10037	5.89	cps
Boron	11-1	42899	47994	47559	46151	6.12	cps
Bromine	81-1	36087	35382	34641	35370	2.05	cps
Bromine	81-2	70	43	43	52	29.49	cps
Cadmium	111-1	76909	77500	77441	77283	0.42	cps
Cadmium	106-1	14527	15188	14961	14892	2.25	cps
Cadmium	108-1	5905	6185	6118	6069	2.41	cps
Calcium	43-1	107568	109075	110371	109005	1.29	cps
Calcium	44-1	1585666	1604779	1589869	1593438	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112633	112237	112374	112415	0.18	cps
Cobalt	59-2	173113	174724	172664	173500	0.62	cps
Copper	63-2	1225077	1223972	1221718	1223589	0.14	cps
Dysprosium	156-1	20	17	33	23	37.78	cps
Dysprosium	156-2	33	23	13	23	42.86	cps
Erbium	164-1	60	63	87	70	20.76	cps
Erbium	164-2	27	53	53	44	34.63	cps
Gadolinium	160-1	77	60	57	64	16.63	cps
Gadolinium	160-2	277	273	280	277	1.21	cps
Holmium	165-1	8519655	8358211	8483149	8453672	1.00	cps
Holmium	165-2	5857335	5861567	5804379	5841094	0.55	cps
Indium	115-1	6077039	6231580	6242934	6183851	1.50	cps
Indium	115-2	2208244	2255688	2249870	2237934	1.16	cps
Iron	56-2	5405450	5358926	5295075	5353150	1.04	cps
Iron	57-2	138309	141381	138673	139454	1.20	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:44:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	309145	311952	310244	310447	0.46	cps
Krypton	83-1	97	93	90	93	3.57	cps
Lead	206-1	1173076	1176794	1182980	1177617	0.42	cps
Lead	207-1	973912	986459	993291	984554	1.00	cps
Lead	208-1	4907825	4880911	5008214	4932317	1.36	cps
Lithium	6-1	1787534	1851283	1837097	1825305	1.83	cps
Magnesium	24-2	1121217	1168345	1161324	1150295	2.21	cps
Manganese	55-2	936756	939054	931461	935757	0.42	cps
Molybdenum	94-1	1072452	1100701	1101920	1091691	1.53	cps
Molybdenum	95-1	1610363	1579564	1612543	1600824	1.15	cps
Molybdenum	96-1	1734236	1688591	1745452	1722760	1.75	cps
Molybdenum	97-1	983764	980791	989483	984679	0.45	cps
Molybdenum	98-1	2547401	2539842	2551099	2546114	0.23	cps
Neodymium	150-1	67	60	70	66	7.77	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	44192	43496	44181	43956	0.91	cps
Phosphorus	31-2	7098	7479	7238	7272	2.64	cps
Potassium	39-2	775387	779904	776162	777151	0.31	cps
Rhodium	103-1	5853749	5819747	5904278	5859258	0.73	cps
Rhodium	103-2	3261387	3233947	3249088	3248141	0.42	cps
Scandium	45-1	4095171	4036466	4061832	4064490	0.72	cps
Scandium	45-2	301672	303607	303200	302826	0.34	cps
Selenium	82-1	5022	5172	5229	5141	2.09	cps
Selenium	77-2	450	517	487	484	6.89	cps
Selenium	78-2	1843	1747	1890	1827	4.00	cps
Silicon	28-1	647937	685254	712156	681782	4.73	cps
Silver	107-1	374570	379349	379941	377954	0.78	cps
Silver	109-1	351767	361130	363261	358719	1.70	cps
Sodium	23-2	1829449	1823795	1806970	1820071	0.64	cps
Strontium	86-1	2669188	2674103	2685677	2676323	0.32	cps
Strontium	88-1	22460231	22458504	23448362	22789032	2.51	cps
Sulfur	34-1	215937	218577	215112	216542	0.84	cps
Terbium	159-1	8617817	8751659	8529414	8632963	1.30	cps
Terbium	159-2	5778415	5787503	5710480	5758799	0.73	cps
Thallium	203-1	284399	292744	292154	289766	1.61	cps
Thallium	205-1	674850	682501	684246	680532	0.73	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:44:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	243480	245785	243890	244385	0.50	cps
Titanium	47-1	440329	439103	441245	440226	0.24	cps
Uranium	238-1	824741	841582	832258	832861	1.01	cps
Vanadium	51-2	98495	97160	96405	97353	1.09	cps
Yttrium	89-1	14501574	14457869	14473568	14477670	0.15	cps
Yttrium	89-2	3455144	3506528	3484976	3482216	0.74	cps
Zinc	66-2	196437	199132	196393	197321	0.79	cps
Zirconium	90-1	529886	531569	533316	531590	0.32	cps
Zirconium	91-1	118070	118820	119895	118928	0.77	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:47:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320556	320077	322356	320996	0.37	cps
Antimony	121-1	602207	600851	608343	603801	0.66	cps
Arsenic	75-2	31096	31323	31617	31345	0.83	cps
Barium	135-1	902026	906787	911905	906906	0.54	cps
Barium	137-1	1622304	1618643	1621724	1620890	0.12	cps
Beryllium	9-1	163800	165498	167084	165461	0.99	cps
Bismuth	209-1	5230722	5321129	5330640	5294163	1.04	cps
Bismuth	209-2	4412227	4495371	4523030	4476876	1.29	cps
Boron	10-1	22617	24403	24386	23802	4.31	cps
Boron	11-1	103634	108667	113132	108478	4.38	cps
Bromine	81-1	36024	35078	35055	35386	1.56	cps
Bromine	81-2	47	30	40	39	21.57	cps
Cadmium	111-1	182737	185191	185166	184364	0.76	cps
Cadmium	106-1	27469	27803	27923	27732	0.85	cps
Cadmium	108-1	14848	14617	14864	14777	0.93	cps
Calcium	43-1	263382	266116	263840	264446	0.55	cps
Calcium	44-1	3799287	3849996	3927883	3859055	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267835	268646	268683	268388	0.18	cps
Cobalt	59-2	418445	420168	419685	419433	0.21	cps
Copper	63-2	2959606	2974765	2989558	2974643	0.50	cps
Dysprosium	156-1	67	53	27	49	41.66	cps
Dysprosium	156-2	33	53	60	49	28.39	cps
Erbium	164-1	40	80	103	74	43.03	cps
Erbium	164-2	37	60	43	47	25.75	cps
Gadolinium	160-1	90	87	63	80	18.17	cps
Gadolinium	160-2	300	300	297	299	0.65	cps
Holmium	165-1	8563309	8534772	8608946	8569009	0.44	cps
Holmium	165-2	5859642	5864122	5794237	5839334	0.67	cps
Indium	115-1	6195084	6228157	6121303	6181514	0.88	cps
Indium	115-2	2138216	2232277	2191227	2187240	2.16	cps
Iron	56-2	12893195	12832671	13026876	12917581	0.77	cps
Iron	57-2	337086	335572	337106	336588	0.26	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:47:45	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	744649	745922	743664	744745	0.15	cps
Krypton	83-1	120	103	97	107	11.27	cps
Lead	206-1	3162657	3198148	3207151	3189319	0.74	cps
Lead	207-1	2745104	2744202	2731420	2740242	0.28	cps
Lead	208-1	12520154	12666707	12839336	12675399	1.26	cps
Lithium	6-1	1806734	1789184	1825816	1807245	1.01	cps
Magnesium	24-2	2707732	2744897	2744819	2732483	0.78	cps
Manganese	55-2	2250557	2204590	2235482	2230210	1.05	cps
Molybdenum	94-1	2632718	2670655	2726190	2676521	1.76	cps
Molybdenum	95-1	3927650	3953612	3979918	3953727	0.66	cps
Molybdenum	96-1	4170535	4286601	4234903	4230680	1.37	cps
Molybdenum	97-1	2372683	2459584	2410759	2414342	1.80	cps
Molybdenum	98-1	6160055	6177196	6317394	6218215	1.39	cps
Neodymium	150-1	180	127	153	153	17.39	cps
Neodymium	150-2	20	30	33	28	24.98	cps
Nickel	60-2	105521	106894	105447	105954	0.77	cps
Phosphorus	31-2	17233	17417	17036	17229	1.10	cps
Potassium	39-2	1704550	1699340	1718802	1707564	0.59	cps
Rhodium	103-1	5739811	5749321	5667772	5718968	0.78	cps
Rhodium	103-2	3115255	3186067	3184645	3161989	1.28	cps
Scandium	45-1	4039563	4091373	4003744	4044893	1.09	cps
Scandium	45-2	294463	296637	293924	295008	0.49	cps
Selenium	82-1	12671	12738	12904	12771	0.94	cps
Selenium	77-2	1220	1067	1310	1199	10.26	cps
Selenium	78-2	4161	3971	4164	4098	2.70	cps
Silicon	28-1	1184302	1260634	1342843	1262593	6.28	cps
Silver	107-1	915500	927471	930415	924462	0.85	cps
Silver	109-1	865086	877259	883134	875160	1.05	cps
Sodium	23-2	4342767	4292816	4280008	4305197	0.77	cps
Strontium	86-1	6478891	6415834	6596366	6497030	1.41	cps
Strontium	88-1	54874854	54777499	57120119	55590824	2.38	cps
Sulfur	34-1	261562	261999	258203	260588	0.80	cps
Terbium	159-1	8573372	8612822	8566781	8584325	0.29	cps
Terbium	159-2	5772388	5800835	5804271	5792498	0.30	cps
Thallium	203-1	716510	722848	722026	720462	0.48	cps
Thallium	205-1	1801500	1823020	1850356	1824959	1.34	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:47:45	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	596563	601805	603033	600467	0.57	cps
Titanium	47-1	1073008	1086637	1083764	1081136	0.66	cps
Uranium	238-1	2385765	2444629	2398598	2409664	1.28	cps
Vanadium	51-2	235953	232514	234067	234178	0.74	cps
Yttrium	89-1	14367670	14260973	14375576	14334740	0.45	cps
Yttrium	89-2	3510032	3389251	3478863	3459382	1.81	cps
Zinc	66-2	478470	475192	476910	476857	0.34	cps
Zirconium	90-1	1300754	1313375	1325388	1313173	0.94	cps
Zirconium	91-1	292741	295577	295836	294718	0.58	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:50:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	619803	624205	617609	620539	0.54	cps
Antimony	121-1	1186135	1210509	1216926	1204523	1.35	cps
Arsenic	75-2	62176	61624	61410	61737	0.64	cps
Barium	135-1	1873635	1913162	1868308	1885035	1.30	cps
Barium	137-1	3276389	3265039	3304210	3281879	0.61	cps
Beryllium	9-1	322193	321981	323232	322469	0.21	cps
Bismuth	209-1	5314323	5289266	5333325	5312305	0.42	cps
Bismuth	209-2	4473789	4400864	4541511	4472055	1.57	cps
Boron	10-1	44978	47409	48867	47085	4.17	cps
Boron	11-1	205056	216319	220304	213893	3.70	cps
Bromine	81-1	35172	35797	34888	35286	1.32	cps
Bromine	81-2	47	53	57	52	9.75	cps
Cadmium	111-1	351917	362564	361241	358574	1.62	cps
Cadmium	106-1	47869	48307	48350	48175	0.55	cps
Cadmium	108-1	29340	29093	29280	29237	0.44	cps
Calcium	43-1	517661	520872	518574	519036	0.32	cps
Calcium	44-1	7516743	7442408	7495224	7484792	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524862	525160	527350	525791	0.26	cps
Cobalt	59-2	814894	816532	819898	817108	0.31	cps
Copper	63-2	5601798	5706099	5709096	5672331	1.08	cps
Dysprosium	156-1	133	173	87	131	33.08	cps
Dysprosium	156-2	157	150	113	140	16.67	cps
Erbium	164-1	77	93	93	88	10.96	cps
Erbium	164-2	37	57	73	56	33.04	cps
Gadolinium	160-1	130	133	100	121	15.16	cps
Gadolinium	160-2	303	253	323	293	12.29	cps
Holmium	165-1	8790635	8688534	8608488	8695886	1.05	cps
Holmium	165-2	6001738	5793074	5994322	5929711	2.00	cps
Indium	115-1	6240962	6173542	6174890	6196465	0.62	cps
Indium	115-2	2225182	2146070	2219419	2196890	2.01	cps
Iron	56-2	25389485	24867545	25261814	25172948	1.08	cps
Iron	57-2	652474	651922	656088	653495	0.35	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:50:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1387244	1391527	1399488	1392753	0.45	cps
Krypton	83-1	110	123	100	111	10.54	cps
Lead	206-1	6278774	6479496	6259807	6339359	1.92	cps
Lead	207-1	5408964	5494301	5480093	5461119	0.84	cps
Lead	208-1	25110216	25462033	25212907	25261719	0.72	cps
Lithium	6-1	1827026	1797916	1783313	1802752	1.23	cps
Magnesium	24-2	5340522	5259529	5359443	5319831	1.00	cps
Manganese	55-2	4371695	4379712	4320358	4357255	0.74	cps
Molybdenum	94-1	5316466	5404501	5297464	5339477	1.07	cps
Molybdenum	95-1	7609713	7807000	7836174	7750962	1.59	cps
Molybdenum	96-1	8226252	8443629	8355382	8341754	1.31	cps
Molybdenum	97-1	4729397	4823716	4782933	4778682	0.99	cps
Molybdenum	98-1	12222771	12495394	12388984	12369050	1.11	cps
Neodymium	150-1	283	337	373	331	13.67	cps
Neodymium	150-2	53	57	63	58	8.81	cps
Nickel	60-2	204133	203129	205083	204115	0.48	cps
Phosphorus	31-2	32832	33326	33156	33105	0.76	cps
Potassium	39-2	3289003	3262117	3288463	3279861	0.47	cps
Rhodium	103-1	5818606	5722109	5680422	5740379	1.23	cps
Rhodium	103-2	3197892	3074270	3164346	3145503	2.03	cps
Scandium	45-1	4060542	4005005	3961548	4009032	1.24	cps
Scandium	45-2	295432	290000	293411	292948	0.94	cps
Selenium	82-1	24339	25227	25283	24950	2.12	cps
Selenium	77-2	2310	2250	2264	2275	1.39	cps
Selenium	78-2	8016	7605	7802	7808	2.63	cps
Silicon	28-1	1965190	2127787	2251721	2114900	6.79	cps
Silver	107-1	1847277	1823197	1853543	1841339	0.87	cps
Silver	109-1	1749735	1741623	1750461	1747273	0.28	cps
Sodium	23-2	8541505	8436731	8446939	8475058	0.68	cps
Strontium	86-1	12711021	12929716	12859480	12833406	0.87	cps
Strontium	88-1	112070675	110413502	111401655	111295277	0.75	cps
Sulfur	34-1	329384	324312	324898	326198	0.85	cps
Terbium	159-1	8933158	8788725	8772915	8831599	1.00	cps
Terbium	159-2	5902888	5737800	5847571	5829420	1.44	cps
Thallium	203-1	1431165	1461405	1446289	1446286	1.05	cps
Thallium	205-1	3664504	3706760	3679046	3683437	0.58	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:50:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1176342	1194193	1198020	1189518	0.97	cps
Titanium	47-1	2102708	2095405	2091253	2096456	0.28	cps
Uranium	238-1	4870591	4851040	4786608	4836080	0.91	cps
Vanadium	51-2	461339	460797	460116	460751	0.13	cps
Yttrium	89-1	14811687	14498494	14362306	14557496	1.58	cps
Yttrium	89-2	3509495	3378801	3435532	3441276	1.90	cps
Zinc	66-2	926726	926378	927162	926755	0.04	cps
Zirconium	90-1	2579010	2658433	2610782	2616075	1.53	cps
Zirconium	91-1	578027	585244	584535	582602	0.68	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:53:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1246991	1214492	1203720	1221734	1.84	cps
Antimony	121-1	2404348	2479307	2506157	2463271	2.14	cps
Arsenic	75-2	123499	121069	123072	122546	1.06	cps
Barium	135-1	3747516	3762975	3768134	3759541	0.29	cps
Barium	137-1	6468059	6550051	6635764	6551291	1.28	cps
Beryllium	9-1	615763	629368	622745	622626	1.09	cps
Bismuth	209-1	5273386	5321150	5282793	5292443	0.48	cps
Bismuth	209-2	4440656	4391998	4395286	4409313	0.62	cps
Boron	10-1	87276	92617	94109	91334	3.93	cps
Boron	11-1	399866	419837	432187	417297	3.91	cps
Bromine	81-1	34480	35005	35887	35124	2.02	cps
Bromine	81-2	50	50	50	50	0.00	cps
Cadmium	111-1	692393	703124	707455	700991	1.11	cps
Cadmium	106-1	88504	88933	91539	89659	1.83	cps
Cadmium	108-1	56446	57888	59274	57869	2.44	cps
Calcium	43-1	1016921	1043727	1044282	1034977	1.51	cps
Calcium	44-1	14773375	15187044	15227041	15062487	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1034910	1036279	1041808	1037666	0.35	cps
Cobalt	59-2	1613009	1590330	1577542	1593627	1.13	cps
Copper	63-2	11149530	11039324	10934936	11041263	0.97	cps
Dysprosium	156-1	160	303	233	232	30.86	cps
Dysprosium	156-2	227	200	223	217	6.71	cps
Erbium	164-1	60	90	90	80	21.65	cps
Erbium	164-2	40	63	27	43	42.82	cps
Gadolinium	160-1	203	227	213	214	5.46	cps
Gadolinium	160-2	347	317	380	348	9.11	cps
Holmium	165-1	8572726	8639962	8552119	8588269	0.53	cps
Holmium	165-2	6069163	5923598	6063788	6018850	1.37	cps
Indium	115-1	6008188	6005430	6037596	6017071	0.30	cps
Indium	115-2	2204501	2188231	2159773	2184168	1.04	cps
Iron	56-2	49922408	49043333	49974704	49646815	1.05	cps
Iron	57-2	1295163	1267869	1281661	1281564	1.06	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:53:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2741094	2722366	2717179	2726880	0.46	cps
Krypton	83-1	103	107	130	113	12.82	cps
Lead	206-1	12828666	12866308	12798293	12831089	0.27	cps
Lead	207-1	10818894	11211286	10953742	10994641	1.81	cps
Lead	208-1	50067235	51210650	51152554	50810146	1.27	cps
Lithium	6-1	1797102	1795677	1788306	1793695	0.26	cps
Magnesium	24-2	10682410	10638713	10508726	10609950	0.85	cps
Manganese	55-2	8647340	8496610	8483702	8542551	1.07	cps
Molybdenum	94-1	10650104	10633159	10709099	10664121	0.37	cps
Molybdenum	95-1	15634847	15588988	15865028	15696288	0.94	cps
Molybdenum	96-1	16729703	17063211	16929044	16907319	0.99	cps
Molybdenum	97-1	9609488	9818085	9703612	9710395	1.08	cps
Molybdenum	98-1	25081735	24644640	25051184	24925853	0.98	cps
Neodymium	150-1	657	647	647	650	0.89	cps
Neodymium	150-2	110	153	117	127	18.42	cps
Nickel	60-2	395040	394855	396775	395557	0.27	cps
Phosphorus	31-2	66155	65740	64753	65550	1.10	cps
Potassium	39-2	6528121	6559272	6450729	6512707	0.86	cps
Rhodium	103-1	5744233	5618172	5675790	5679398	1.11	cps
Rhodium	103-2	3103079	3097921	3061848	3087616	0.73	cps
Scandium	45-1	3990150	4029011	3941311	3986824	1.10	cps
Scandium	45-2	296113	295331	291514	294320	0.84	cps
Selenium	82-1	49018	49103	49628	49250	0.67	cps
Selenium	77-2	4484	4534	4834	4617	4.10	cps
Selenium	78-2	15482	15231	15752	15488	1.68	cps
Silicon	28-1	3444655	3883678	4090231	3806188	8.66	cps
Silver	107-1	3621765	3637169	3633760	3630898	0.22	cps
Silver	109-1	3441974	3506839	3481041	3476618	0.94	cps
Sodium	23-2	17074366	16683756	16617358	16791827	1.47	cps
Strontium	86-1	25509473	25594054	25715806	25606444	0.41	cps
Strontium	88-1	223669603	222495757	222709477	222958279	0.28	cps
Sulfur	34-1	471486	475507	472505	473166	0.44	cps
Terbium	159-1	8782134	8873447	8951672	8869084	0.96	cps
Terbium	159-2	5803220	5853392	5872037	5842883	0.61	cps
Thallium	203-1	3120014	3197934	3185315	3167754	1.32	cps
Thallium	205-1	7388630	7312899	7424880	7375470	0.77	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:53:33	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2400461	2422572	2431429	2418154	0.66	cps
Titanium	47-1	4159824	4220236	4194394	4191485	0.72	cps
Uranium	238-1	9858925	9922760	9824365	9868683	0.51	cps
Vanadium	51-2	913079	919680	922384	918381	0.52	cps
Yttrium	89-1	14624834	14334006	14516947	14491929	1.01	cps
Yttrium	89-2	3446895	3440765	3404330	3430663	0.67	cps
Zinc	66-2	1794435	1754234	1795986	1781551	1.33	cps
Zirconium	90-1	5135022	5132692	5205638	5157784	0.80	cps
Zirconium	91-1	1161574	1183983	1186838	1177465	1.18	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:56:20	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2310294	2332845	2332396	2325178	0.55	cps
Antimony	121-1	4817586	4846440	4850338	4838121	0.37	cps
Arsenic	75-2	239658	238056	239127	238947	0.34	cps
Barium	135-1	7469256	7483867	7435998	7463040	0.33	cps
Barium	137-1	12833123	13172566	13437979	13147889	2.31	cps
Beryllium	9-1	1143318	1177194	1174124	1164879	1.61	cps
Bismuth	209-1	5256320	5214405	5198109	5222945	0.57	cps
Bismuth	209-2	4228936	4378990	4265461	4291129	1.82	cps
Boron	10-1	172282	182791	184869	179980	3.75	cps
Boron	11-1	783590	835382	850321	823098	4.25	cps
Bromine	81-1	35793	35219	34848	35287	1.35	cps
Bromine	81-2	53	63	33	50	30.55	cps
Cadmium	111-1	1331489	1361231	1369158	1353959	1.47	cps
Cadmium	106-1	164541	165943	167123	165869	0.78	cps
Cadmium	108-1	108099	111568	110486	110051	1.61	cps
Calcium	43-1	1916123	1996925	1960970	1958006	2.07	cps
Calcium	44-1	29163179	29697365	29829650	29563398	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2000601	2038905	2004430	2014645	1.05	cps
Cobalt	59-2	3114940	3135000	3088561	3112833	0.75	cps
Copper	63-2	21261844	21618671	21191208	21357241	1.07	cps
Dysprosium	156-1	350	567	480	466	23.42	cps
Dysprosium	156-2	387	447	500	444	12.76	cps
Erbium	164-1	100	117	110	109	7.71	cps
Erbium	164-2	57	67	80	68	17.27	cps
Gadolinium	160-1	313	347	410	357	13.77	cps
Gadolinium	160-2	483	523	483	497	4.65	cps
Holmium	165-1	8783296	8743035	8708874	8745069	0.43	cps
Holmium	165-2	5806609	6085138	5951640	5947796	2.34	cps
Indium	115-1	6035119	6111083	6015604	6053936	0.83	cps
Indium	115-2	2053821	2158254	2139513	2117196	2.63	cps
Iron	56-2	98126102	97300682	96246879	97224554	0.97	cps
Iron	57-2	2447383	2460432	2437339	2448385	0.47	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:56:20	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	5298216	5376274	5344205	5339565	0.73	cps
Krypton	83-1	97	137	97	110	20.99	cps
Lead	206-1	24792401	25794970	25237379	25274917	1.99	cps
Lead	207-1	21036629	21807308	21627147	21490361	1.88	cps
Lead	208-1	98447170	101088855	100497895	100011307	1.39	cps
Lithium	6-1	1797134	1728093	1751782	1759003	1.99	cps
Magnesium	24-2	20750777	20532392	20537962	20607044	0.60	cps
Manganese	55-2	16885081	16881661	16671700	16812814	0.73	cps
Molybdenum	94-1	20976307	21672967	21439403	21362892	1.66	cps
Molybdenum	95-1	30973443	31302277	31575710	31283810	0.96	cps
Molybdenum	96-1	33074499	33644056	33613022	33443859	0.96	cps
Molybdenum	97-1	18846950	19212051	19069316	19042772	0.97	cps
Molybdenum	98-1	48880581	50744821	50394134	50006512	1.98	cps
Neodymium	150-1	1207	1337	1200	1248	6.18	cps
Neodymium	150-2	207	187	223	206	8.93	cps
Nickel	60-2	766188	758654	759780	761541	0.53	cps
Phosphorus	31-2	128708	126379	126124	127071	1.12	cps
Potassium	39-2	12520411	12636202	12679554	12612056	0.65	cps
Rhodium	103-1	5542097	5500971	5448670	5497246	0.85	cps
Rhodium	103-2	2886416	3032846	3083551	3000938	3.41	cps
Scandium	45-1	4118546	4035443	4052064	4068685	1.08	cps
Scandium	45-2	285394	296737	290231	290788	1.96	cps
Selenium	82-1	94611	96202	96480	95764	1.05	cps
Selenium	77-2	8916	8836	8596	8783	1.90	cps
Selenium	78-2	29312	29339	29028	29227	0.59	cps
Silicon	28-1	6420238	7096690	7264393	6927107	6.45	cps
Silver	107-1	6914847	6912581	7045941	6957790	1.10	cps
Silver	109-1	6527191	6529113	6557129	6537811	0.26	cps
Sodium	23-2	32953972	33091468	32814081	32953174	0.42	cps
Strontium	86-1	50185079	51537763	50727294	50816712	1.34	cps
Strontium	88-1	440434513	446038380	448215873	444896256	0.90	cps
Sulfur	34-1	764119	772721	771286	769375	0.60	cps
Terbium	159-1	9039267	8936500	8911001	8962256	0.76	cps
Terbium	159-2	5706893	6017747	5776950	5833863	2.79	cps
Thallium	203-1	6177788	6260747	6295293	6244609	0.97	cps
Thallium	205-1	14841964	15003407	14605787	14817053	1.35	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:56:20	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4731148	4821425	4748257	4766943	1.01	cps
Titanium	47-1	8249162	8425894	8410691	8361916	1.17	cps
Uranium	238-1	18909160	19664539	19452042	19341914	2.01	cps
Vanadium	51-2	1758401	1807879	1774274	1780185	1.42	cps
Yttrium	89-1	14664904	14889888	14902114	14818969	0.90	cps
Yttrium	89-2	3371368	3468642	3425963	3421991	1.42	cps
Zinc	66-2	3404259	3460275	3468842	3444459	1.02	cps
Zirconium	90-1	10308004	10695556	10441216	10481592	1.88	cps
Zirconium	91-1	2277914	2402068	2378653	2352878	2.80	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:59:07	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10742178	10804058	10760998	10769078	0.29	cps
Antimony	121-1	3554	3057	3047	3219	9.00	cps
Arsenic	75-2	73	57	60	63	13.92	cps
Barium	135-1	5281	4644	4027	4651	13.48	cps
Barium	137-1	9403	7722	7359	8161	13.36	cps
Beryllium	9-1	670	510	470	550	19.24	cps
Bismuth	209-1	4248499	4126145	4107623	4160756	1.84	cps
Bismuth	209-2	3568259	3486509	3502264	3519011	1.23	cps
Boron	10-1	6698	5708	4844	5750	16.13	cps
Boron	11-1	29765	25397	22627	25930	13.88	cps
Bromine	81-1	34150	33822	33321	33764	1.24	cps
Bromine	81-2	63	33	57	51	30.82	cps
Cadmium	111-1	4328	4207	4250	4262	1.44	cps
Cadmium	106-1	5491	5421	5558	5490	1.25	cps
Cadmium	108-1	60	97	67	74	26.24	cps
Calcium	43-1	7768978	7601492	7605963	7658811	1.25	cps
Calcium	44-1	125676031	123189122	121448608	123437920	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15034	15031	15321	15129	1.10	cps
Cobalt	59-2	3137	3340	3207	3228	3.20	cps
Copper	63-2	3450	3154	3217	3274	4.77	cps
Dysprosium	156-1	1267	1140	1153	1187	5.87	cps
Dysprosium	156-2	837	807	787	810	3.11	cps
Erbium	164-1	127	120	113	120	5.56	cps
Erbium	164-2	83	83	80	82	2.34	cps
Gadolinium	160-1	1447	1357	1350	1385	3.90	cps
Gadolinium	160-2	1150	1183	1167	1167	1.43	cps
Holmium	165-1	7750406	7627125	7582709	7653413	1.14	cps
Holmium	165-2	5359467	5290554	5203074	5284365	1.48	cps
Indium	115-1	5285899	5256806	5215312	5252673	0.68	cps
Indium	115-2	1913862	1892166	1893760	1899929	0.64	cps
Iron	56-2	417237034	413074221	411205461	413838905	0.75	cps
Iron	57-2	10413825	10207445	10177360	10266210	1.25	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:59:07	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	22538698	22542881	22625564	22569048	0.22	cps
Krypton	83-1	130	150	97	126	21.46	cps
Lead	206-1	7849	5561	4654	6021	27.34	cps
Lead	207-1	6625	4848	4034	5169	25.64	cps
Lead	208-1	30781	21971	18318	23690	27.04	cps
Lithium	6-1	1536463	1502092	1483300	1507285	1.79	cps
Magnesium	24-2	93063095	92452365	91718459	92411306	0.73	cps
Manganese	55-2	8276	7879	7982	8046	2.56	cps
Molybdenum	94-1	8496	8208	4918	7207	27.58	cps
Molybdenum	95-1	11438	9096	5711	8748	32.91	cps
Molybdenum	96-1	25202	22711	18752	22222	14.64	cps
Molybdenum	97-1	7022	5622	3817	5487	29.28	cps
Molybdenum	98-1	17361	13536	8893	13263	31.97	cps
Neodymium	150-1	43	40	50	44	11.46	cps
Neodymium	150-2	23	27	13	21	32.88	cps
Nickel	60-2	2380	2420	2494	2431	2.36	cps
Phosphorus	31-2	247	270	263	260	4.62	cps
Potassium	39-2	57546829	57171536	56179668	56966011	1.24	cps
Rhodium	103-1	4636950	4535277	4578789	4583672	1.11	cps
Rhodium	103-2	2548148	2504514	2541639	2531434	0.93	cps
Scandium	45-1	3736427	3578377	3592307	3635703	2.41	cps
Scandium	45-2	266020	266556	263620	265399	0.59	cps
Selenium	82-1	272	196	235	235	16.38	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	213	203	220	212	3.95	cps
Silicon	28-1	1096226	1170908	1108087	1125073	3.57	cps
Silver	107-1	3951	3320	2727	3333	18.36	cps
Silver	109-1	3467	2987	2497	2984	16.26	cps
Sodium	23-2	148035291	145731718	145484731	146417247	0.96	cps
Strontium	86-1	21820	21585	13219	18875	25.96	cps
Strontium	88-1	187464	211347	116457	171756	28.74	cps
Sulfur	34-1	156727	155283	156263	156091	0.47	cps
Terbium	159-1	7971982	7810312	7698119	7826804	1.76	cps
Terbium	159-2	5307826	5278928	5314004	5300253	0.35	cps
Thallium	203-1	1670	1043	817	1177	37.57	cps
Thallium	205-1	3950	2471	1719	2713	41.84	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 14:59:07	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3224	2690	2650	2855	11.22	cps
Titanium	47-1	2797	2040	1517	2118	30.39	cps
Uranium	238-1	4521	2687	1890	3033	44.48	cps
Vanadium	51-2	590	580	600	590	1.69	cps
Yttrium	89-1	13053729	12896691	12934153	12961524	0.63	cps
Yttrium	89-2	3125550	3129821	3096125	3117165	0.59	cps
Zinc	66-2	15004	14821	14827	14884	0.70	cps
Zirconium	90-1	4001	4630	2590	3740	27.92	cps
Zirconium	91-1	813	1120	533	822	35.70	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:07:20	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64250	64063	64281	64198	0.18	cps
Antimony	121-1	879599	893445	890765	887936	0.83	cps
Arsenic	75-2	47897	47743	47616	47752	0.29	cps
Barium	135-1	130771	134788	134065	133208	1.61	cps
Barium	137-1	230307	233605	238003	233972	1.65	cps
Beryllium	9-1	125808	125425	125536	125590	0.16	cps
Bismuth	209-1	5142853	5106391	5141833	5130359	0.40	cps
Bismuth	209-2	4500595	4413205	4516932	4476911	1.25	cps
Boron	10-1	313	277	273	288	7.71	cps
Boron	11-1	1177	1270	1177	1208	4.46	cps
Bromine	81-1	36873	36980	36936	36929	0.15	cps
Bromine	81-2	70	53	50	58	18.55	cps
Cadmium	111-1	135757	138198	140391	138115	1.68	cps
Cadmium	106-1	18448	18479	18078	18335	1.22	cps
Cadmium	108-1	8756	9130	9400	9095	3.55	cps
Calcium	43-1	36267	36477	36260	36335	0.34	cps
Calcium	44-1	578930	582354	585510	582265	0.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210109	207477	208963	208850	0.63	cps
Cobalt	59-2	328993	327199	326338	327510	0.41	cps
Copper	63-2	227249	224322	226673	226081	0.69	cps
Dysprosium	156-1	7	20	13	13	49.99	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	73	60	83	72	16.21	cps
Erbium	164-2	37	33	47	39	17.85	cps
Gadolinium	160-1	50	43	37	43	15.38	cps
Gadolinium	160-2	250	370	260	293	22.70	cps
Holmium	165-1	8053183	8151263	8369801	8191416	1.98	cps
Holmium	165-2	5742652	5805656	5808706	5785671	0.64	cps
Indium	115-1	6053379	6116891	6242758	6137676	1.57	cps
Indium	115-2	2210531	2176385	2216352	2201089	0.98	cps
Iron	56-2	3823012	3811112	3763838	3799320	0.82	cps
Iron	57-2	97758	97282	98466	97836	0.61	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:07:20	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	224519	225323	223480	224441	0.41	cps
Krypton	83-1	100	90	100	97	5.97	cps
Lead	206-1	883689	903614	916051	901118	1.81	cps
Lead	207-1	709706	723224	733564	722164	1.66	cps
Lead	208-1	3634376	3713514	3669211	3672367	1.08	cps
Lithium	6-1	1726165	1761789	1770017	1752657	1.33	cps
Magnesium	24-2	240413	238581	240782	239925	0.49	cps
Manganese	55-2	169634	167136	167652	168141	0.78	cps
Molybdenum	94-1	303	253	263	273	9.68	cps
Molybdenum	95-1	233	263	230	242	7.58	cps
Molybdenum	96-1	340	450	410	400	13.92	cps
Molybdenum	97-1	123	100	87	103	17.96	cps
Molybdenum	98-1	353	380	357	363	4.00	cps
Neodymium	150-1	40	27	13	27	50.01	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	83179	83206	82301	82895	0.62	cps
Phosphorus	31-2	203	257	190	217	16.28	cps
Potassium	39-2	564600	558643	566482	563242	0.73	cps
Rhodium	103-1	5641472	5846854	5729355	5739227	1.80	cps
Rhodium	103-2	3187786	3246615	3218613	3217671	0.91	cps
Scandium	45-1	3947379	3992280	4041231	3993630	1.18	cps
Scandium	45-2	300630	299983	298770	299794	0.31	cps
Selenium	82-1	19069	19477	19195	19247	1.09	cps
Selenium	77-2	1817	1817	1793	1809	0.74	cps
Selenium	78-2	6201	5898	6321	6140	3.55	cps
Silicon	28-1	334572	341273	342680	339508	1.28	cps
Silver	107-1	338592	342814	338004	339804	0.77	cps
Silver	109-1	315149	325004	322720	320957	1.61	cps
Sodium	23-2	675505	669306	670766	671859	0.48	cps
Strontium	86-1	773	750	793	772	2.81	cps
Strontium	88-1	5028	5148	5134	5103	1.29	cps
Sulfur	34-1	180523	180600	180745	180623	0.06	cps
Terbium	159-1	8230917	8641626	8315056	8395866	2.58	cps
Terbium	159-2	5743265	5718310	5679667	5713747	0.56	cps
Thallium	203-1	1046396	1070149	1070763	1062436	1.31	cps
Thallium	205-1	2736860	2801094	2751871	2763275	1.22	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICV16	Instrumnet Name :	P7
Client Sample ID :	ICV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:07:20	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2144	2664	2297	2368	11.29	cps
Titanium	47-1	180	160	193	178	9.44	cps
Uranium	238-1	12960	13080	12923	12988	0.63	cps
Vanadium	51-2	177803	175807	176003	176538	0.62	cps
Yttrium	89-1	13787710	14421385	14361507	14190201	2.47	cps
Yttrium	89-2	3505941	3424268	3431652	3453954	1.31	cps
Zinc	66-2	74551	75081	75891	75174	0.90	cps
Zirconium	90-1	450	470	517	479	7.14	cps
Zirconium	91-1	220	213	223	219	2.33	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:18:18	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2754	2737	2577	2689	3.63	cps
Antimony	121-1	9270	9116	9467	9284	1.89	cps
Arsenic	75-2	270	257	223	250	9.61	cps
Barium	135-1	13116	12999	14247	13454	5.12	cps
Barium	137-1	23332	23847	24388	23856	2.21	cps
Beryllium	9-1	1473	1540	1300	1438	8.62	cps
Bismuth	209-1	5051655	5186704	5288849	5175736	2.30	cps
Bismuth	209-2	4427940	4476495	4462009	4455481	0.56	cps
Boron	10-1	4177	4644	4591	4471	5.72	cps
Boron	11-1	18902	20811	21291	20335	6.22	cps
Bromine	81-1	34714	36275	36255	35748	2.50	cps
Bromine	81-2	60	70	70	67	8.66	cps
Cadmium	111-1	5426	5310	5635	5457	3.02	cps
Cadmium	106-1	5915	5718	6108	5913	3.30	cps
Cadmium	108-1	130	190	97	139	34.05	cps
Calcium	43-1	9163	9290	9443	9298	1.51	cps
Calcium	44-1	154111	156037	156054	155400	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4964	5228	5191	5128	2.78	cps
Cobalt	59-2	3467	3427	3344	3413	1.84	cps
Copper	63-2	5361	5654	5451	5489	2.74	cps
Dysprosium	156-1	13	0	17	10	88.20	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	30	50	53	44	28.39	cps
Erbium	164-2	23	53	30	36	44.31	cps
Gadolinium	160-1	63	37	23	41	49.54	cps
Gadolinium	160-2	290	293	303	296	2.35	cps
Holmium	165-1	8277574	8164054	8396432	8279353	1.40	cps
Holmium	165-2	5648481	5718481	5796296	5721086	1.29	cps
Indium	115-1	6058939	6145145	6203138	6135741	1.18	cps
Indium	115-2	2213245	2213804	2211801	2212950	0.05	cps
Iron	56-2	113541	114629	116029	114733	1.09	cps
Iron	57-2	2990	3184	2897	3024	4.84	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:18:18	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7592	7525	7212	7443	2.73	cps
Krypton	83-1	63	80	67	70	12.60	cps
Lead	206-1	4531	4631	4934	4699	4.47	cps
Lead	207-1	4091	3897	3934	3974	2.58	cps
Lead	208-1	18122	18208	18572	18301	1.31	cps
Lithium	6-1	1804248	1802888	1757075	1788070	1.50	cps
Magnesium	24-2	108710	109294	108281	108762	0.47	cps
Manganese	55-2	1970	1900	1970	1947	2.08	cps
Molybdenum	94-1	11611	11795	11985	11797	1.58	cps
Molybdenum	95-1	14424	14661	14941	14675	1.76	cps
Molybdenum	96-1	15508	15972	16179	15887	2.16	cps
Molybdenum	97-1	8963	8953	9333	9083	2.39	cps
Molybdenum	98-1	22811	23546	23282	23213	1.60	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	933	897	960	930	3.42	cps
Phosphorus	31-2	353	400	317	357	11.71	cps
Potassium	39-2	179111	179932	179656	179566	0.23	cps
Rhodium	103-1	5860153	5825747	5784358	5823419	0.65	cps
Rhodium	103-2	3153187	3200243	3252246	3201892	1.55	cps
Scandium	45-1	4021065	4033341	4041652	4032019	0.26	cps
Scandium	45-2	296353	295211	296389	295984	0.23	cps
Selenium	82-1	491	487	512	497	2.77	cps
Selenium	77-2	63	63	60	62	3.09	cps
Selenium	78-2	323	323	380	342	9.56	cps
Silicon	28-1	349530	351512	353325	351456	0.54	cps
Silver	107-1	6898	7155	7282	7112	2.75	cps
Silver	109-1	6642	6675	6705	6674	0.48	cps
Sodium	23-2	184123	183266	182599	183329	0.42	cps
Strontium	86-1	1977	2277	2060	2105	7.36	cps
Strontium	88-1	16750	17117	17544	17137	2.32	cps
Sulfur	34-1	183592	184513	183581	183895	0.29	cps
Terbium	159-1	8339617	8465028	8332575	8379073	0.89	cps
Terbium	159-2	5621890	5580149	5601404	5601148	0.37	cps
Thallium	203-1	5414	5314	5354	5361	0.94	cps
Thallium	205-1	12978	12701	12844	12841	1.08	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:18:18	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	23690	24087	24394	24057	1.47	cps
Titanium	47-1	4201	4367	4327	4298	2.02	cps
Uranium	238-1	15259	15573	15730	15521	1.54	cps
Vanadium	51-2	9243	9166	9403	9271	1.30	cps
Yttrium	89-1	14123351	14280666	14274993	14226337	0.63	cps
Yttrium	89-2	3408895	3412139	3409417	3410150	0.05	cps
Zinc	66-2	1020	850	1063	978	11.53	cps
Zirconium	90-1	9883	9837	10087	9936	1.34	cps
Zirconium	91-1	2217	2364	2477	2352	5.54	cps

LB Number : LB125079 Operator : Jaswal
 Lab Sample ID : ICB16 Instrumnet Name : P7
 Client Sample ID : ICB16 Dilution Factor : 1
 Date & Time Acquired : 2023-04-20 16:21:34 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	107	110	107	3.13	cps
Antimony	121-1	70	90	110	90	22.22	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	17	7	10	11	45.82	cps
Barium	137-1	40	27	37	34	20.14	cps
Beryllium	9-1	77	67	60	68	12.38	cps
Bismuth	209-1	5058731	5199233	5154487	5137484	1.40	cps
Bismuth	209-2	4449522	4395557	4426796	4423958	0.61	cps
Boron	10-1	430	390	310	377	16.22	cps
Boron	11-1	1853	1773	1507	1711	10.61	cps
Bromine	81-1	36255	36265	36194	36238	0.10	cps
Bromine	81-2	63	33	57	51	30.82	cps
Cadmium	111-1	4346	4243	4120	4236	2.68	cps
Cadmium	106-1	6218	6068	5881	6056	2.79	cps
Cadmium	108-1	23	7	20	17	52.90	cps
Calcium	43-1	90	97	97	94	4.08	cps
Calcium	44-1	5608	5611	5464	5561	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	833	777	707	772	8.22	cps
Cobalt	59-2	30	30	37	32	11.95	cps
Copper	63-2	567	643	547	586	8.71	cps
Dysprosium	156-1	0	0	10	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	43	70	97	70	38.10	cps
Erbium	164-2	50	23	30	34	40.30	cps
Gadolinium	160-1	43	20	23	29	43.68	cps
Gadolinium	160-2	237	233	277	249	9.69	cps
Holmium	165-1	8193373	8194631	8209443	8199149	0.11	cps
Holmium	165-2	5707577	5765547	5740098	5737741	0.51	cps
Indium	115-1	6231676	6112920	6045174	6129923	1.54	cps
Indium	115-2	2238055	2202885	2195015	2211985	1.04	cps
Iron	56-2	8959	8636	8716	8770	1.92	cps
Iron	57-2	333	383	327	348	8.91	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:21:34	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1373	1260	1460	1365	7.35	cps
Krypton	83-1	80	90	70	80	12.50	cps
Lead	206-1	210	243	197	217	11.09	cps
Lead	207-1	200	167	193	187	9.45	cps
Lead	208-1	887	893	940	907	3.21	cps
Lithium	6-1	1795184	1781813	1807880	1794959	0.73	cps
Magnesium	24-2	260	220	253	244	8.77	cps
Manganese	55-2	240	253	187	227	15.56	cps
Molybdenum	94-1	127	137	127	130	4.44	cps
Molybdenum	95-1	77	40	43	53	38.02	cps
Molybdenum	96-1	77	77	107	87	19.98	cps
Molybdenum	97-1	20	3	23	16	68.90	cps
Molybdenum	98-1	37	20	17	24	43.83	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	87	57	67	70	21.82	cps
Phosphorus	31-2	233	190	197	207	11.29	cps
Potassium	39-2	42168	43128	43325	42874	1.44	cps
Rhodium	103-1	5701528	5798359	5875031	5791640	1.50	cps
Rhodium	103-2	3240228	3190435	3179698	3203454	1.01	cps
Scandium	45-1	4052372	4007906	4023938	4028072	0.56	cps
Scandium	45-2	297838	299025	298409	298424	0.20	cps
Selenium	82-1	64	14	41	40	63.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	187	207	210	201	6.27	cps
Silicon	28-1	303823	300998	306249	303690	0.87	cps
Silver	107-1	163	103	97	121	30.32	cps
Silver	109-1	63	67	63	64	2.99	cps
Sodium	23-2	8452	8369	8539	8453	1.01	cps
Strontium	86-1	163	193	157	171	11.41	cps
Strontium	88-1	133	87	80	100	29.06	cps
Sulfur	34-1	183437	183042	184743	183740	0.48	cps
Terbium	159-1	8506375	8338978	8274048	8373134	1.43	cps
Terbium	159-2	5625026	5649680	5607789	5627498	0.37	cps
Thallium	203-1	93	63	93	83	20.79	cps
Thallium	205-1	187	167	163	172	7.32	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICB16	Instrumnet Name :	P7
Client Sample ID :	ICB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:21:34	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1000	880	983	954	6.81	cps
Titanium	47-1	57	110	83	83	32.00	cps
Uranium	238-1	0	7	10	6	91.64	cps
Vanadium	51-2	0	0	3	1	173.21	cps
Yttrium	89-1	14121803	14122862	14165118	14136594	0.17	cps
Yttrium	89-2	3452975	3395397	3380970	3409781	1.12	cps
Zinc	66-2	113	110	100	108	6.44	cps
Zirconium	90-1	433	373	327	378	14.15	cps
Zirconium	91-1	57	90	53	67	30.41	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:24:52	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10664160	10541407	10432545	10546038	1.10	cps
Antimony	121-1	5024	5031	5081	5045	0.61	cps
Arsenic	75-2	103	107	97	102	4.98	cps
Barium	135-1	2097	1997	2054	2049	2.45	cps
Barium	137-1	3500	3554	3640	3565	1.98	cps
Beryllium	9-1	373	393	433	400	7.64	cps
Bismuth	209-1	4724157	4729215	4763784	4739052	0.46	cps
Bismuth	209-2	4012991	3964603	4007059	3994884	0.66	cps
Boron	10-1	390	333	287	337	15.37	cps
Boron	11-1	1633	1680	1500	1605	5.82	cps
Bromine	81-1	35636	35232	36315	35728	1.53	cps
Bromine	81-2	153	190	133	159	18.08	cps
Cadmium	111-1	4654	4545	4393	4531	2.90	cps
Cadmium	106-1	5768	5735	5358	5620	4.05	cps
Cadmium	108-1	1400	1413	1363	1392	1.86	cps
Calcium	43-1	1718440	1745733	1700324	1721499	1.33	cps
Calcium	44-1	26914364	26844558	27157280	26972067	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38349	37751	37533	37878	1.11	cps
Cobalt	59-2	3320	3547	3564	3477	3.91	cps
Copper	63-2	15501	15772	15295	15523	1.54	cps
Dysprosium	156-1	37	17	23	26	39.85	cps
Dysprosium	156-2	23	27	27	26	7.55	cps
Erbium	164-1	100	73	87	87	15.39	cps
Erbium	164-2	70	50	50	57	20.38	cps
Gadolinium	160-1	83	60	53	66	24.03	cps
Gadolinium	160-2	317	273	220	270	17.93	cps
Holmium	165-1	8304682	8301212	8122839	8242911	1.26	cps
Holmium	165-2	5692707	5596268	5541557	5610177	1.36	cps
Indium	115-1	5789500	5829203	5813501	5810735	0.34	cps
Indium	115-2	2056809	2014167	2018237	2029738	1.16	cps
Iron	56-2	175518511	175983477	174016124	175172704	0.59	cps
Iron	57-2	4394847	4320646	4298135	4337876	1.17	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:24:52	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9715782	9628977	9472101	9605620	1.29	cps
Krypton	83-1	90	147	103	113	26.14	cps
Lead	206-1	22175	21430	21604	21736	1.79	cps
Lead	207-1	16984	16203	15789	16326	3.72	cps
Lead	208-1	81522	78944	78412	79626	2.09	cps
Lithium	6-1	1715236	1679805	1671716	1688919	1.37	cps
Magnesium	24-2	17827628	17943717	17729562	17833635	0.60	cps
Manganese	55-2	11962	11975	12208	12048	1.15	cps
Molybdenum	94-1	3091292	3064717	3078804	3078271	0.43	cps
Molybdenum	95-1	5491338	5492108	5531871	5505106	0.42	cps
Molybdenum	96-1	5798048	5828246	5769671	5798655	0.51	cps
Molybdenum	97-1	3359996	3348770	3346538	3351768	0.22	cps
Molybdenum	98-1	8713537	8759141	8640866	8704515	0.69	cps
Neodymium	150-1	17	20	43	27	54.47	cps
Neodymium	150-2	23	23	40	29	33.32	cps
Nickel	60-2	4091	4234	3891	4072	4.24	cps
Phosphorus	31-2	578155	571408	570765	573443	0.71	cps
Potassium	39-2	23004572	22872610	22716868	22864683	0.63	cps
Rhodium	103-1	5132825	5173477	5118315	5141539	0.56	cps
Rhodium	103-2	2810744	2826570	2840062	2825792	0.52	cps
Scandium	45-1	3801802	3783191	3756803	3780599	0.60	cps
Scandium	45-2	270077	269445	265901	268474	0.84	cps
Selenium	82-1	48	-12	66	34	120.23	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	190	183	187	187	1.78	cps
Silicon	28-1	378060	369832	365929	371274	1.67	cps
Silver	107-1	400	270	247	306	27.04	cps
Silver	109-1	290	157	197	214	31.91	cps
Sodium	23-2	30683815	30540690	30094268	30439591	1.01	cps
Strontium	86-1	65994	65049	65224	65422	0.77	cps
Strontium	88-1	572412	567275	567287	568991	0.52	cps
Sulfur	34-1	2960864	3001761	2969567	2977397	0.72	cps
Terbium	159-1	8376776	8461968	8342114	8393619	0.73	cps
Terbium	159-2	5688286	5507219	5579116	5591540	1.63	cps
Thallium	203-1	300	400	507	402	25.69	cps
Thallium	205-1	490	676	866	678	27.73	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSA16	Instrumnet Name :	P7
Client Sample ID :	ICSA16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:24:52	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1160	1287	1230	1226	5.18	cps
Titanium	47-1	1616962	1588836	1595501	1600433	0.92	cps
Uranium	238-1	250	263	297	270	8.90	cps
Vanadium	51-2	337	343	417	366	12.14	cps
Yttrium	89-1	13820786	13823851	13631504	13758714	0.80	cps
Yttrium	89-2	3273751	3200849	3184759	3219786	1.47	cps
Zinc	66-2	3440	3747	3594	3594	4.27	cps
Zirconium	90-1	503	467	447	472	6.09	cps
Zirconium	91-1	83	100	93	92	9.10	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:27:55	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10230931	10280473	10180980	10230795	0.49	cps
Antimony	121-1	92495	93263	94438	93399	1.05	cps
Arsenic	75-2	4817	4607	4514	4646	3.34	cps
Barium	135-1	28599	28418	29096	28705	1.22	cps
Barium	137-1	49764	51011	50844	50540	1.34	cps
Beryllium	9-1	23548	23511	23698	23586	0.42	cps
Bismuth	209-1	5026951	4733294	4242713	4667653	8.49	cps
Bismuth	209-2	3940419	3968266	4001398	3970028	0.77	cps
Boron	10-1	327	347	300	324	7.22	cps
Boron	11-1	1470	1380	1457	1436	3.38	cps
Bromine	81-1	36535	35189	35289	35671	2.10	cps
Bromine	81-2	93	110	143	116	22.04	cps
Cadmium	111-1	29520	29515	29480	29505	0.07	cps
Cadmium	106-1	8469	7882	7142	7831	8.49	cps
Cadmium	108-1	3107	3057	2834	2999	4.85	cps
Calcium	43-1	1649171	1679676	1652663	1660503	1.01	cps
Calcium	44-1	26498670	26521255	26354705	26458210	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73816	74858	73397	74024	1.02	cps
Cobalt	59-2	61422	61251	61020	61231	0.33	cps
Copper	63-2	53338	53120	52910	53123	0.40	cps
Dysprosium	156-1	30	10	47	29	63.55	cps
Dysprosium	156-2	37	33	23	31	22.31	cps
Erbium	164-1	113	100	73	96	21.32	cps
Erbium	164-2	63	80	37	60	36.43	cps
Gadolinium	160-1	47	67	57	57	17.65	cps
Gadolinium	160-2	290	323	263	292	10.29	cps
Holmium	165-1	8817476	8280567	7412152	8170065	8.68	cps
Holmium	165-2	5631572	5734398	5625396	5663789	1.08	cps
Indium	115-1	6162616	5667710	5162879	5664402	8.82	cps
Indium	115-2	2048211	2028551	2023282	2033348	0.65	cps
Iron	56-2	172895504	170818894	172463431	172059276	0.64	cps
Iron	57-2	4239989	4305603	4325875	4290489	1.05	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:27:55	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	9287643	9295964	9390833	9324813	0.61	cps
Krypton	83-1	103	103	97	101	3.80	cps
Lead	206-1	114361	114428	115164	114651	0.39	cps
Lead	207-1	91649	92465	92356	92157	0.48	cps
Lead	208-1	433756	436731	438406	436298	0.54	cps
Lithium	6-1	1773788	1619485	1591565	1661613	5.91	cps
Magnesium	24-2	17312768	17509277	17249954	17357333	0.78	cps
Manganese	55-2	42343	43102	42804	42749	0.89	cps
Molybdenum	94-1	3038141	3053992	3040769	3044301	0.28	cps
Molybdenum	95-1	5328913	5393130	5482127	5401390	1.42	cps
Molybdenum	96-1	5637177	5661910	5727870	5675652	0.83	cps
Molybdenum	97-1	3311909	3300814	3366725	3326483	1.06	cps
Molybdenum	98-1	8542673	8445153	8669132	8552319	1.31	cps
Neodymium	150-1	47	43	40	43	7.70	cps
Neodymium	150-2	0	27	23	17	87.18	cps
Nickel	60-2	18168	18131	17984	18094	0.54	cps
Phosphorus	31-2	568011	565945	564236	566064	0.33	cps
Potassium	39-2	22574839	22602361	22361789	22512996	0.58	cps
Rhodium	103-1	5584854	5104876	4735290	5141673	8.28	cps
Rhodium	103-2	2792252	2840992	2806463	2813235	0.89	cps
Scandium	45-1	4116066	3743588	3437592	3765749	9.02	cps
Scandium	45-2	263462	264599	264961	264341	0.30	cps
Selenium	82-1	1908	1904	1992	1935	2.58	cps
Selenium	77-2	217	163	147	176	20.83	cps
Selenium	78-2	707	730	887	774	12.64	cps
Silicon	28-1	368297	365973	368293	367521	0.36	cps
Silver	107-1	122858	123121	123537	123172	0.28	cps
Silver	109-1	117626	116128	117214	116989	0.66	cps
Sodium	23-2	29342327	29519358	29385819	29415835	0.31	cps
Strontium	86-1	62914	65177	64822	64304	1.89	cps
Strontium	88-1	555317	559377	562205	558966	0.62	cps
Sulfur	34-1	2873871	2890338	2855135	2873115	0.61	cps
Terbium	159-1	9088199	8328219	7556841	8324420	9.20	cps
Terbium	159-2	5508984	5634715	5604221	5582640	1.17	cps
Thallium	203-1	113616	116010	116352	115326	1.29	cps
Thallium	205-1	269992	271865	275952	272603	1.12	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	ICSAB16	Instrumnet Name :	P7
Client Sample ID :	ICSAB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:27:55	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1100	1227	1377	1235	11.22	cps
Titanium	47-1	1562721	1568866	1546594	1559394	0.74	cps
Uranium	238-1	250	320	283	284	12.31	cps
Vanadium	51-2	32946	32852	33156	32985	0.47	cps
Yttrium	89-1	14563310	13652681	12326871	13514287	8.32	cps
Yttrium	89-2	3197980	3232817	3232409	3221069	0.62	cps
Zinc	66-2	9820	9613	10097	9843	2.47	cps
Zirconium	90-1	567	477	570	538	9.85	cps
Zirconium	91-1	113	107	133	118	11.79	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:39:24	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5596276	5490532	5526838	5537882	0.97	cps
Antimony	121-1	2337612	2335728	2317882	2330407	0.47	cps
Arsenic	75-2	112207	111931	111646	111928	0.25	cps
Barium	135-1	3673982	3698782	3664567	3679110	0.48	cps
Barium	137-1	6387892	6414737	6354211	6385614	0.47	cps
Beryllium	9-1	584466	580559	578733	581253	0.50	cps
Bismuth	209-1	4663345	4619203	4639036	4640528	0.48	cps
Bismuth	209-2	3927682	3850345	3957922	3911983	1.42	cps
Boron	10-1	83302	85269	87199	85257	2.29	cps
Boron	11-1	377429	390944	398819	389064	2.78	cps
Bromine	81-1	37691	37180	36161	37011	2.11	cps
Bromine	81-2	60	37	53	50	24.03	cps
Cadmium	111-1	634245	634137	632556	633646	0.15	cps
Cadmium	106-1	82030	82254	81145	81810	0.72	cps
Cadmium	108-1	52217	53502	52414	52711	1.31	cps
Calcium	43-1	4293058	4298516	4228463	4273346	0.91	cps
Calcium	44-1	67764377	67899864	66032561	67232267	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	991845	993324	990469	991880	0.14	cps
Cobalt	59-2	1509238	1512809	1511673	1511240	0.12	cps
Copper	63-2	10560042	10437412	10509686	10502380	0.59	cps
Dysprosium	156-1	640	637	800	692	13.49	cps
Dysprosium	156-2	600	580	530	570	6.33	cps
Erbium	164-1	87	137	107	110	22.88	cps
Erbium	164-2	47	50	50	49	3.93	cps
Gadolinium	160-1	803	733	727	754	5.63	cps
Gadolinium	160-2	810	703	810	774	7.95	cps
Holmium	165-1	8405506	8267394	8222463	8298454	1.15	cps
Holmium	165-2	5662035	5674502	5740937	5692491	0.75	cps
Indium	115-1	5806206	5661247	5657665	5708373	1.48	cps
Indium	115-2	1978342	2022802	2049733	2016959	1.79	cps
Iron	56-2	225288970	227749057	225477843	226171957	0.61	cps
Iron	57-2	5602139	5606126	5563145	5590470	0.42	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:39:24	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	12379852	12261860	12243711	12295141	0.60	cps
Krypton	83-1	150	133	130	138	7.78	cps
Lead	206-1	11820082	12032294	11817554	11889977	1.04	cps
Lead	207-1	10172674	10188898	10097410	10152994	0.48	cps
Lead	208-1	47173505	47467677	46905666	47182283	0.60	cps
Lithium	6-1	1647867	1605236	1630360	1627821	1.32	cps
Magnesium	24-2	47106031	46940791	47455186	47167336	0.56	cps
Manganese	55-2	8131616	8134912	8115133	8127220	0.13	cps
Molybdenum	94-1	10630303	10716739	10520018	10622353	0.93	cps
Molybdenum	95-1	15635060	15476241	15621341	15577548	0.56	cps
Molybdenum	96-1	16790706	16782304	16539981	16704330	0.85	cps
Molybdenum	97-1	9516038	9613592	9445287	9524972	0.89	cps
Molybdenum	98-1	24710245	24874140	24679710	24754698	0.42	cps
Neodymium	150-1	677	667	630	658	3.74	cps
Neodymium	150-2	160	150	190	167	12.49	cps
Nickel	60-2	358991	360179	360438	359869	0.21	cps
Phosphorus	31-2	59271	60415	60867	60184	1.37	cps
Potassium	39-2	29123636	29322772	29765271	29403893	1.12	cps
Rhodium	103-1	5147563	5143176	5162546	5151095	0.20	cps
Rhodium	103-2	2746564	2762092	2767496	2758717	0.39	cps
Scandium	45-1	3886180	3773788	3793870	3817946	1.57	cps
Scandium	45-2	271564	270547	275941	272684	1.05	cps
Selenium	82-1	44425	45126	44700	44750	0.79	cps
Selenium	77-2	4131	3924	4004	4019	2.59	cps
Selenium	78-2	13389	13753	13313	13485	1.74	cps
Silicon	28-1	3359637	3480985	3584788	3475137	3.24	cps
Silver	107-1	3309535	3308596	3318471	3312201	0.16	cps
Silver	109-1	3139382	3102090	3083794	3108422	0.91	cps
Sodium	23-2	77182562	75973412	76423037	76526337	0.80	cps
Strontium	86-1	25494210	25179191	25177160	25283520	0.72	cps
Strontium	88-1	219153783	219722243	215597930	218157986	1.02	cps
Sulfur	34-1	465452	459824	456323	460533	1.00	cps
Terbium	159-1	8541263	8349249	8434591	8441701	1.14	cps
Terbium	159-2	5549186	5577182	5624294	5583554	0.68	cps
Thallium	203-1	2960718	2981312	2928672	2956901	0.90	cps
Thallium	205-1	6943268	6956123	6893664	6931019	0.48	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:39:24	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2312280	2293164	2336299	2313914	0.93	cps
Titanium	47-1	4158081	4176202	4161113	4165132	0.23	cps
Uranium	238-1	9360698	9323424	9208397	9297506	0.85	cps
Vanadium	51-2	888582	893786	887998	890122	0.36	cps
Yttrium	89-1	14192537	14116276	13917261	14075358	1.01	cps
Yttrium	89-2	3270980	3286581	3265388	3274316	0.34	cps
Zinc	66-2	1637314	1647739	1618855	1634636	0.89	cps
Zirconium	90-1	5195497	5265326	5202633	5221152	0.74	cps
Zirconium	91-1	1155361	1164634	1156471	1158822	0.44	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:53:43	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	100	223	141	50.47	cps
Antimony	121-1	367	333	330	343	5.91	cps
Arsenic	75-2	0	3	3	2	86.60	cps
Barium	135-1	20	20	7	16	49.47	cps
Barium	137-1	27	23	17	22	22.91	cps
Beryllium	9-1	107	100	103	103	3.23	cps
Bismuth	209-1	5427624	5494722	5460320	5460888	0.61	cps
Bismuth	209-2	4727529	4685301	4500428	4637753	2.60	cps
Boron	10-1	387	360	473	407	14.57	cps
Boron	11-1	1763	1937	1830	1843	4.74	cps
Bromine	81-1	39987	39998	40154	40046	0.23	cps
Bromine	81-2	63	53	70	62	13.48	cps
Cadmium	111-1	4179	4275	4082	4179	2.31	cps
Cadmium	106-1	5968	6108	5825	5967	2.38	cps
Cadmium	108-1	17	10	17	14	26.66	cps
Calcium	43-1	107	113	87	102	13.57	cps
Calcium	44-1	6211	6358	6528	6366	2.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	610	667	673	650	5.35	cps
Cobalt	59-2	57	33	80	57	41.18	cps
Copper	63-2	693	790	857	780	10.53	cps
Dysprosium	156-1	10	17	13	13	25.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	80	67	63	70	12.60	cps
Erbium	164-2	30	87	47	54	53.49	cps
Gadolinium	160-1	40	27	30	32	21.53	cps
Gadolinium	160-2	287	283	247	272	8.15	cps
Holmium	165-1	8832288	8800033	8710933	8781085	0.72	cps
Holmium	165-2	6168386	6059232	5881679	6036432	2.40	cps
Indium	115-1	6621441	6521756	6323125	6488774	2.34	cps
Indium	115-2	2351807	2339512	2235178	2308833	2.78	cps
Iron	56-2	9863	10033	11208	10368	7.06	cps
Iron	57-2	353	347	333	344	2.96	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:53:43	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1460	1397	1510	1456	3.90	cps
Krypton	83-1	70	127	113	103	28.67	cps
Lead	206-1	420	423	367	403	7.88	cps
Lead	207-1	360	320	317	332	7.26	cps
Lead	208-1	1680	1587	1553	1607	4.09	cps
Lithium	6-1	1814180	1769417	1830605	1804734	1.75	cps
Magnesium	24-2	447	467	1407	774	70.97	cps
Manganese	55-2	167	150	217	178	19.52	cps
Molybdenum	94-1	273	230	217	240	12.35	cps
Molybdenum	95-1	210	207	167	194	12.40	cps
Molybdenum	96-1	280	250	187	239	19.95	cps
Molybdenum	97-1	130	110	73	104	27.52	cps
Molybdenum	98-1	407	193	217	272	42.99	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	43	70	43	52	29.49	cps
Phosphorus	31-2	197	217	207	207	4.84	cps
Potassium	39-2	44060	43378	44586	44008	1.38	cps
Rhodium	103-1	6209948	6114661	6233458	6186022	1.02	cps
Rhodium	103-2	3457190	3397624	3321532	3392115	2.00	cps
Scandium	45-1	4235129	4258869	4263297	4252431	0.36	cps
Scandium	45-2	309958	307579	301694	306410	1.39	cps
Selenium	82-1	42	18	15	25	59.96	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	210	187	200	199	5.88	cps
Silicon	28-1	304577	305151	307175	305635	0.45	cps
Silver	107-1	113	97	97	102	9.41	cps
Silver	109-1	70	30	40	47	44.61	cps
Sodium	23-2	12802	12809	14320	13310	6.57	cps
Strontium	86-1	313	263	233	270	14.97	cps
Strontium	88-1	840	703	660	734	12.79	cps
Sulfur	34-1	186111	184371	185882	185455	0.51	cps
Terbium	159-1	8959239	8823763	9119519	8967507	1.65	cps
Terbium	159-2	6060014	5953210	5807519	5940248	2.13	cps
Thallium	203-1	123	110	113	116	6.01	cps
Thallium	205-1	363	303	423	363	16.53	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:53:43	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	563	687	640	630	9.88	cps
Titanium	47-1	127	103	93	108	15.87	cps
Uranium	238-1	13	27	30	23	37.81	cps
Vanadium	51-2	10	3	23	12	83.33	cps
Yttrium	89-1	15130783	15042198	14938941	15037307	0.64	cps
Yttrium	89-2	3611920	3640106	3514255	3588760	1.84	cps
Zinc	66-2	183	160	160	168	8.03	cps
Zirconium	90-1	473	437	497	469	6.45	cps
Zirconium	91-1	83	60	90	78	20.25	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:57:34	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2670	2580	2700	2650	2.36	cps
Antimony	121-1	9567	9944	9670	9727	2.00	cps
Arsenic	75-2	260	263	310	278	10.07	cps
Barium	135-1	13827	14140	13797	13921	1.37	cps
Barium	137-1	24217	24581	25015	24605	1.62	cps
Beryllium	9-1	1383	1440	1400	1408	2.07	cps
Bismuth	209-1	5167286	5366395	5267413	5267031	1.89	cps
Bismuth	209-2	4485173	4523988	4564405	4524522	0.88	cps
Boron	10-1	4177	4297	4834	4436	7.88	cps
Boron	11-1	19135	21442	21852	20810	7.04	cps
Bromine	81-1	40459	40887	40071	40472	1.01	cps
Bromine	81-2	70	53	83	69	21.82	cps
Cadmium	111-1	5905	5849	5801	5852	0.89	cps
Cadmium	106-1	6458	6525	6291	6425	1.87	cps
Cadmium	108-1	93	150	157	133	26.10	cps
Calcium	43-1	9506	9803	10340	9883	4.28	cps
Calcium	44-1	159425	164748	162453	162208	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5284	5144	5154	5194	1.50	cps
Cobalt	59-2	3544	3377	3244	3388	4.44	cps
Copper	63-2	5828	5621	5624	5691	2.08	cps
Dysprosium	156-1	3	3	20	9	108.30	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	80	50	60	63	24.12	cps
Erbium	164-2	33	47	33	38	20.39	cps
Gadolinium	160-1	37	37	47	40	14.43	cps
Gadolinium	160-2	307	247	290	281	11.02	cps
Holmium	165-1	8489326	8639027	8473904	8534086	1.07	cps
Holmium	165-2	5912695	5780187	5958579	5883820	1.57	cps
Indium	115-1	6229268	6393180	6334560	6319003	1.31	cps
Indium	115-2	2293944	2286239	2306804	2295663	0.45	cps
Iron	56-2	116184	117659	118697	117513	1.07	cps
Iron	57-2	3184	3157	3047	3129	2.32	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:57:34	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7462	7832	7705	7666	2.45	cps
Krypton	83-1	103	113	70	96	23.75	cps
Lead	206-1	4768	5028	5054	4950	3.20	cps
Lead	207-1	4174	3974	4111	4086	2.50	cps
Lead	208-1	18862	19512	19152	19176	1.70	cps
Lithium	6-1	1790095	1794756	1749875	1778242	1.39	cps
Magnesium	24-2	110086	109596	109607	109763	0.25	cps
Manganese	55-2	1843	1937	1993	1925	3.94	cps
Molybdenum	94-1	11998	12295	12492	12262	2.03	cps
Molybdenum	95-1	15181	15425	15128	15245	1.04	cps
Molybdenum	96-1	16376	16693	16636	16568	1.02	cps
Molybdenum	97-1	8946	9477	9220	9214	2.88	cps
Molybdenum	98-1	23733	23809	24781	24108	2.42	cps
Neodymium	150-1	7	0	3	3	100.05	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	913	943	887	914	3.10	cps
Phosphorus	31-2	350	323	353	342	4.80	cps
Potassium	39-2	183576	181548	183212	182779	0.59	cps
Rhodium	103-1	6016198	5987178	5971932	5991769	0.38	cps
Rhodium	103-2	3363885	3361201	3278564	3334550	1.45	cps
Scandium	45-1	4162508	4161289	4160700	4161499	0.02	cps
Scandium	45-2	305886	302381	304347	304205	0.58	cps
Selenium	82-1	560	521	567	549	4.48	cps
Selenium	77-2	63	57	37	52	26.57	cps
Selenium	78-2	330	300	333	321	5.72	cps
Silicon	28-1	359359	362859	370276	364165	1.53	cps
Silver	107-1	7128	7585	7282	7332	3.17	cps
Silver	109-1	6845	7219	7202	7088	2.98	cps
Sodium	23-2	188633	187709	188482	188275	0.26	cps
Strontium	86-1	2190	2300	2284	2258	2.63	cps
Strontium	88-1	17417	18205	17931	17851	2.24	cps
Sulfur	34-1	189641	187876	187127	188215	0.69	cps
Terbium	159-1	8826072	8871325	8743867	8813755	0.73	cps
Terbium	159-2	5917102	5827311	5861165	5868526	0.77	cps
Thallium	203-1	5508	5508	5725	5580	2.24	cps
Thallium	205-1	13258	13464	13548	13423	1.11	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 16:57:34	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	24614	24918	24801	24778	0.62	cps
Titanium	47-1	4321	4507	4364	4397	2.22	cps
Uranium	238-1	15036	15386	16040	15487	3.29	cps
Vanadium	51-2	9226	9700	9476	9467	2.50	cps
Yttrium	89-1	14584389	14864457	14731123	14726656	0.95	cps
Yttrium	89-2	3590450	3538642	3538479	3555857	0.84	cps
Zinc	66-2	1047	1050	1003	1033	2.52	cps
Zirconium	90-1	10107	10677	10794	10526	3.49	cps
Zirconium	91-1	2250	2367	2410	2342	3.53	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	O2224-21DLX5	Instrumnet Name :	P7
Client Sample ID :	OU3-FC-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2023-04-20 17:09:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3201946	3176385	3157306	3178546	0.70	cps
Antimony	121-1	350	413	450	404	12.51	cps
Arsenic	75-2	710	650	577	646	10.34	cps
Barium	135-1	20371	20321	20398	20364	0.19	cps
Barium	137-1	35768	35441	35167	35459	0.85	cps
Beryllium	9-1	220	190	203	204	7.35	cps
Bismuth	209-1	5184436	5124310	5271763	5193503	1.43	cps
Bismuth	209-2	4486901	4413476	4403549	4434642	1.03	cps
Boron	10-1	50154	52214	54408	52259	4.07	cps
Boron	11-1	238572	245509	256808	246963	3.73	cps
Bromine	81-1	40302	39824	39690	39939	0.81	cps
Bromine	81-2	117	110	150	126	17.07	cps
Cadmium	111-1	4520	4375	4661	4519	3.17	cps
Cadmium	106-1	6425	6228	6635	6429	3.16	cps
Cadmium	108-1	187	163	157	169	9.33	cps
Calcium	43-1	500759	497133	488953	495615	1.22	cps
Calcium	44-1	7483243	7579757	7350648	7471216	1.54	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10997	11124	11358	11160	1.64	cps
Cobalt	59-2	102326	101819	102084	102076	0.25	cps
Copper	63-2	177940	177061	177688	177563	0.26	cps
Dysprosium	156-1	22715	22281	22268	22421	1.14	cps
Dysprosium	156-2	15652	15475	15696	15608	0.75	cps
Erbium	164-1	25340	24411	24498	24750	2.07	cps
Erbium	164-2	16927	16900	16994	16940	0.28	cps
Gadolinium	160-1	22274	21877	22508	22220	1.44	cps
Gadolinium	160-2	15412	15666	15772	15617	1.19	cps
Holmium	165-1	8636187	8625931	8752567	8671562	0.81	cps
Holmium	165-2	5974554	5877885	5999107	5950515	1.08	cps
Indium	115-1	6292279	6255795	6224891	6257655	0.54	cps
Indium	115-2	2267145	2222661	2226389	2238732	1.10	cps
Iron	56-2	126539185	127546481	125772605	126619424	0.70	cps
Iron	57-2	3159969	3105534	3073516	3113006	1.40	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	O2224-21DLX5	Instrumnet Name :	P7
Client Sample ID :	OU3-FC-BACKFILL-11DL	Dilution Factor :	5
Date & Time Acquired :	2023-04-20 17:09:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7011778	7038158	6959552	7003162	0.57	cps
Krypton	83-1	140	157	180	159	12.65	cps
Lead	206-1	14014	13660	13754	13809	1.33	cps
Lead	207-1	10541	10464	10404	10470	0.65	cps
Lead	208-1	51819	50628	51870	51439	1.37	cps
Lithium	6-1	1858333	1884957	1883843	1875711	0.80	cps
Magnesium	24-2	3671930	3666530	3652541	3663667	0.27	cps
Manganese	55-2	648807	638226	638675	641903	0.93	cps
Molybdenum	94-1	38277	38380	38190	38282	0.25	cps
Molybdenum	95-1	2780	2690	2710	2727	1.73	cps
Molybdenum	96-1	13226	13693	13493	13471	1.74	cps
Molybdenum	97-1	1683	1677	1763	1708	2.82	cps
Molybdenum	98-1	4387	4327	4261	4325	1.47	cps
Neodymium	150-1	25757	25593	26255	25868	1.33	cps
Neodymium	150-2	15402	15308	15205	15305	0.64	cps
Nickel	60-2	17751	17794	17460	17668	1.03	cps
Phosphorus	31-2	6198	5931	5965	6031	2.41	cps
Potassium	39-2	128275	128577	125982	127611	1.11	cps
Rhodium	103-1	5895418	5849485	6063552	5936152	1.90	cps
Rhodium	103-2	3252615	3189523	3247492	3229877	1.08	cps
Scandium	45-1	4259513	4176760	4194965	4210413	1.03	cps
Scandium	45-2	303055	301435	296890	300460	1.06	cps
Selenium	82-1	72	52	0	42	89.51	cps
Selenium	77-2	60	80	33	58	40.53	cps
Selenium	78-2	247	180	200	209	16.38	cps
Silicon	28-1	12507402	12450328	12236269	12398000	1.15	cps
Silver	107-1	853	733	533	707	22.88	cps
Silver	109-1	550	493	533	526	5.54	cps
Sodium	23-2	1623515	1634406	1600450	1619457	1.07	cps
Strontium	86-1	106757	106320	106263	106447	0.25	cps
Strontium	88-1	908030	920175	907741	911982	0.78	cps
Sulfur	34-1	223436	217912	214602	218650	2.04	cps
Terbium	159-1	8783223	8785251	9043923	8870799	1.69	cps
Terbium	159-2	5975555	5961284	5876807	5937882	0.90	cps
Thallium	203-1	1047	1260	1343	1217	12.58	cps
Thallium	205-1	2023	2394	2797	2404	16.09	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	O2224-21DLX5	Instrumnet Name :	P7
Client Sample ID :	OU3-FC-BACKFILL-11DI	Dilution Factor :	5
Date & Time Acquired :	2023-04-20 17:09:10	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	7675	7812	7962	7817	1.84	cps
Titanium	47-1	1270823	1275973	1246635	1264477	1.24	cps
Uranium	238-1	11745	11495	11425	11555	1.46	cps
Vanadium	51-2	283073	280505	280856	281478	0.49	cps
Yttrium	89-1	15084257	15302084	15334949	15240430	0.89	cps
Yttrium	89-2	3627651	3655903	3580848	3621467	1.05	cps
Zinc	66-2	21983	22053	22260	22099	0.65	cps
Zirconium	90-1	100558	102595	100514	101223	1.17	cps
Zirconium	91-1	22200	22551	22504	22418	0.85	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:14:31	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5352119	5339100	5280162	5323794	0.72	cps
Antimony	121-1	2248899	2243613	2267655	2253389	0.56	cps
Arsenic	75-2	107956	108479	107566	108000	0.42	cps
Barium	135-1	3580917	3539313	3494780	3538337	1.22	cps
Barium	137-1	6139763	6145087	6116916	6133922	0.24	cps
Beryllium	9-1	573088	568515	560625	567410	1.11	cps
Bismuth	209-1	4532083	4556184	4593375	4560547	0.68	cps
Bismuth	209-2	3793445	3864518	3825079	3827681	0.93	cps
Boron	10-1	80514	82689	83999	82400	2.14	cps
Boron	11-1	364055	380565	385581	376734	2.99	cps
Bromine	81-1	35897	34771	35206	35291	1.61	cps
Bromine	81-2	73	47	47	56	27.71	cps
Cadmium	111-1	609974	610246	614467	611563	0.41	cps
Cadmium	106-1	78229	78990	80253	79157	1.29	cps
Cadmium	108-1	50798	50330	50444	50524	0.48	cps
Calcium	43-1	4109944	4070136	3978822	4052967	1.66	cps
Calcium	44-1	65116052	64506394	63528561	64383669	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	964494	956821	955352	958889	0.51	cps
Cobalt	59-2	1455399	1451931	1424114	1443814	1.19	cps
Copper	63-2	10018016	10073999	10022041	10038018	0.31	cps
Dysprosium	156-1	660	693	750	701	6.49	cps
Dysprosium	156-2	610	557	550	572	5.75	cps
Erbium	164-1	133	93	90	106	22.85	cps
Erbium	164-2	83	53	53	63	27.35	cps
Gadolinium	160-1	723	750	743	739	1.88	cps
Gadolinium	160-2	710	700	760	723	4.44	cps
Holmium	165-1	8208337	8164321	8105854	8159504	0.63	cps
Holmium	165-2	5509855	5626997	5438560	5525137	1.72	cps
Indium	115-1	5587640	5568652	5683860	5613384	1.10	cps
Indium	115-2	1977931	1942562	1926981	1949158	1.34	cps
Iron	56-2	218943070	216505097	216052617	217166928	0.72	cps
Iron	57-2	5470052	5390468	5401018	5420513	0.80	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:14:31	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	11829689	11913057	11802824	11848523	0.49	cps
Krypton	83-1	160	167	157	161	3.16	cps
Lead	206-1	11548400	11604153	11327269	11493274	1.27	cps
Lead	207-1	9956140	9753816	9798437	9836131	1.08	cps
Lead	208-1	45922068	45480126	45260187	45554127	0.74	cps
Lithium	6-1	1617589	1574712	1579801	1590700	1.47	cps
Magnesium	24-2	45935674	45960714	45905908	45934099	0.06	cps
Manganese	55-2	7906549	7762923	7835169	7834880	0.92	cps
Molybdenum	94-1	10415120	10238494	10078095	10243903	1.65	cps
Molybdenum	95-1	15322585	14949056	14863829	15045157	1.62	cps
Molybdenum	96-1	16160929	16096282	16236293	16164501	0.43	cps
Molybdenum	97-1	9261702	9173701	9224250	9219884	0.48	cps
Molybdenum	98-1	24066804	23779011	23821050	23888955	0.65	cps
Neodymium	150-1	550	507	623	560	10.53	cps
Neodymium	150-2	157	123	113	131	17.31	cps
Nickel	60-2	349556	349313	346158	348342	0.54	cps
Phosphorus	31-2	59207	58250	59508	58989	1.11	cps
Potassium	39-2	28488201	28518136	28973198	28659845	0.95	cps
Rhodium	103-1	5025081	5069873	5067119	5054024	0.50	cps
Rhodium	103-2	2646418	2669858	2701018	2672431	1.02	cps
Scandium	45-1	3800569	3720479	3721698	3747582	1.22	cps
Scandium	45-2	266705	263795	264105	264868	0.60	cps
Selenium	82-1	42642	42923	43188	42918	0.64	cps
Selenium	77-2	3891	3807	4111	3936	3.98	cps
Selenium	78-2	13296	12872	13430	13199	2.20	cps
Silicon	28-1	3247702	3383768	3467626	3366366	3.30	cps
Silver	107-1	3211975	3154489	3207240	3191235	1.00	cps
Silver	109-1	3010189	3019872	3012683	3014248	0.17	cps
Sodium	23-2	74313962	73949866	73721122	73994983	0.40	cps
Strontium	86-1	24524060	24199968	24070884	24264970	0.96	cps
Strontium	88-1	212114264	209566937	207524770	209735324	1.10	cps
Sulfur	34-1	453364	448125	442996	448162	1.16	cps
Terbium	159-1	8328557	8395159	8514036	8412584	1.12	cps
Terbium	159-2	5496047	5409522	5499145	5468238	0.93	cps
Thallium	203-1	2862156	2861559	2816623	2846779	0.92	cps
Thallium	205-1	6576765	6721245	6637210	6645073	1.09	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:14:31	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2253195	2269323	2267563	2263360	0.39	cps
Titanium	47-1	3989610	4004259	3999159	3997676	0.19	cps
Uranium	238-1	9119725	9084097	9023859	9075894	0.53	cps
Vanadium	51-2	858508	857735	851235	855826	0.47	cps
Yttrium	89-1	13857629	13915713	13800539	13857960	0.42	cps
Yttrium	89-2	3182052	3168163	3193888	3181368	0.40	cps
Zinc	66-2	1583687	1575887	1547885	1569153	1.20	cps
Zirconium	90-1	5137850	5055631	4995349	5062943	1.41	cps
Zirconium	91-1	1123880	1111529	1108802	1114737	0.72	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:30:21	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	157	157	151	6.37	cps
Antimony	121-1	333	317	333	328	2.94	cps
Arsenic	75-2	0	10	3	4	114.60	cps
Barium	135-1	20	40	40	33	34.64	cps
Barium	137-1	77	70	43	63	27.85	cps
Beryllium	9-1	83	100	117	100	16.67	cps
Bismuth	209-1	5237798	5456178	5435345	5376440	2.24	cps
Bismuth	209-2	4536038	4513956	4465881	4505291	0.80	cps
Boron	10-1	583	513	587	561	7.38	cps
Boron	11-1	2447	2560	2360	2456	4.08	cps
Bromine	81-1	38808	38129	38708	38548	0.95	cps
Bromine	81-2	37	50	43	43	15.38	cps
Cadmium	111-1	3917	4214	3952	4028	4.04	cps
Cadmium	106-1	5611	6015	5611	5746	4.05	cps
Cadmium	108-1	30	13	13	19	50.96	cps
Calcium	43-1	87	103	100	97	9.12	cps
Calcium	44-1	6531	6572	6612	6572	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	607	773	673	684	12.26	cps
Cobalt	59-2	33	63	37	44	36.99	cps
Copper	63-2	863	737	770	790	8.31	cps
Dysprosium	156-1	10	0	7	6	91.64	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	63	47	53	54	15.40	cps
Erbium	164-2	17	50	50	39	49.48	cps
Gadolinium	160-1	30	53	33	39	32.45	cps
Gadolinium	160-2	303	293	283	293	3.41	cps
Holmium	165-1	8379675	8688096	8621833	8563201	1.90	cps
Holmium	165-2	5899122	5884748	5751250	5845040	1.40	cps
Indium	115-1	6261432	6414444	6502509	6392795	1.91	cps
Indium	115-2	2254676	2234335	2265650	2251554	0.71	cps
Iron	56-2	11051	10921	11158	11043	1.07	cps
Iron	57-2	373	373	340	362	5.31	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:30:21	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1523	1393	1620	1512	7.52	cps
Krypton	83-1	90	103	80	91	12.85	cps
Lead	206-1	520	470	523	504	5.92	cps
Lead	207-1	463	423	413	433	6.11	cps
Lead	208-1	2047	1963	1997	2002	2.09	cps
Lithium	6-1	1827883	1782735	1799523	1803380	1.27	cps
Magnesium	24-2	663	627	657	649	3.01	cps
Manganese	55-2	247	233	237	239	2.90	cps
Molybdenum	94-1	333	253	287	291	13.80	cps
Molybdenum	95-1	350	277	313	313	11.70	cps
Molybdenum	96-1	363	210	310	294	26.44	cps
Molybdenum	97-1	187	143	120	150	22.55	cps
Molybdenum	98-1	460	307	310	359	24.40	cps
Neodymium	150-1	3	10	3	6	69.34	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	50	77	61	22.71	cps
Phosphorus	31-2	197	233	183	204	12.66	cps
Potassium	39-2	43057	41797	42492	42449	1.49	cps
Rhodium	103-1	5909331	6094133	6099449	6034304	1.79	cps
Rhodium	103-2	3344042	3310391	3285020	3313151	0.89	cps
Scandium	45-1	4103790	4134971	4104462	4114408	0.43	cps
Scandium	45-2	298712	295423	295991	296709	0.59	cps
Selenium	82-1	68	23	46	46	49.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	233	203	223	220	6.94	cps
Silicon	28-1	313118	309213	311168	311167	0.63	cps
Silver	107-1	153	163	110	142	19.94	cps
Silver	109-1	90	73	50	71	28.26	cps
Sodium	23-2	13076	12795	12882	12918	1.11	cps
Strontium	86-1	310	347	623	427	40.16	cps
Strontium	88-1	1883	1340	3050	2091	41.78	cps
Sulfur	34-1	183490	183488	182202	183060	0.41	cps
Terbium	159-1	8791635	8828908	8749969	8790171	0.45	cps
Terbium	159-2	5889519	5801173	5738890	5809860	1.30	cps
Thallium	203-1	200	100	183	161	33.25	cps
Thallium	205-1	419	376	375	390	6.44	cps

LB Number :	LB125079	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired :	2023-04-20 17:30:21	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	810	870	790	823	5.06	cps
Titanium	47-1	137	117	113	122	10.32	cps
Uranium	238-1	83	37	47	56	44.22	cps
Vanadium	51-2	23	7	17	16	53.90	cps
Yttrium	89-1	14523370	14546519	14576857	14548915	0.18	cps
Yttrium	89-2	3464419	3476369	3530801	3490530	1.01	cps
Zinc	66-2	180	147	203	177	16.12	cps
Zirconium	90-1	450	550	500	500	10.00	cps
Zirconium	91-1	103	97	130	110	16.03	cps