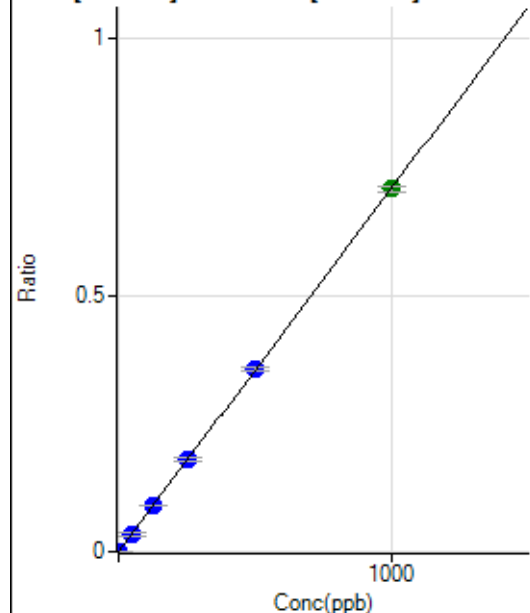


Batch Folder: D:\Agilent\ICPMH\1\DATA\200.8 P8072321MS.b\
Analysis File: 200.8 P8072321MS.batch.bin
DA Date-Time: 2021-07-26 14:21:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-07-23 11:44:53
2	004CALS.d	S02	2021-07-23 11:47:59
3	005CALS.d	S03	2021-07-23 11:51:02
4	006CALS.d	S04	2021-07-23 11:54:07
5	007CALS.d	S05	2021-07-23 11:57:10
6	008CALS.d	S06	2021-07-23 12:00:16
7	009CALS.d	S07	2021-07-23 12:03:19
8	010CALS.d	S08	2021-07-23 12:06:25

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	32.66	0.0000	P	24.7
2	☐	1.000	1.003	1212.48	0.0007	P	4.8
3	☐	50.000	48.368	59604.99	0.0343	P	14.9
4	☐	125.000	126.254	154000.47	0.0895	P	1.4
5	☐	250.000	254.692	304937.78	0.1805	P	5.1
6	☐	500.000	500.650	593609.38	0.3548	P	2.1
7	☐	1000.000	998.427	1185196.06	0.7075	A	1.8
8	☐			278.62	0.0002	P	17.0

$$y = 7.0858\text{E-}004 * x + 1.9394\text{E-}005$$

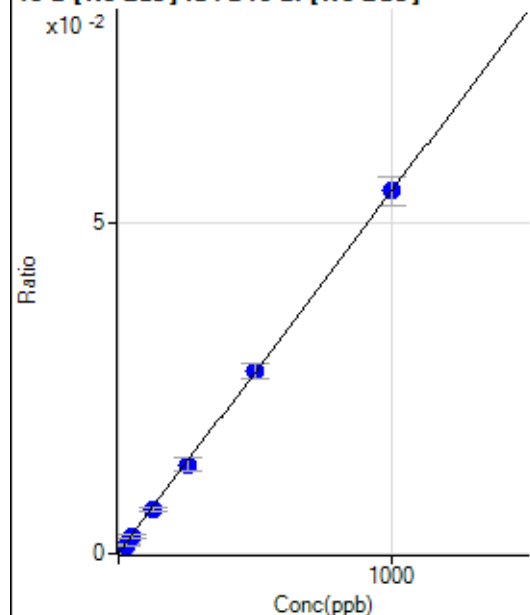
$$R = 1.0000$$

$$DL = 0.02024$$

$$BEC = 0.02737$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	234.62	0.0001	P	14.5
2	☐	25.000	20.636	2110.41	0.0013	P	9.0
3	☐	50.000	44.754	4479.15	0.0026	P	23.2
4	☐	125.000	118.865	11440.23	0.0067	P	9.4
5	☐	250.000	242.740	22633.02	0.0134	P	15.2
6	☐	500.000	503.197	46366.53	0.0277	P	9.0
7	☐	1000.000	1001.355	92135.95	0.0550	P	8.0
8	☐			14014.61	0.0084	P	5.7

$$y = 5.4778\text{E-}005 * x + 1.3917\text{E-}004$$

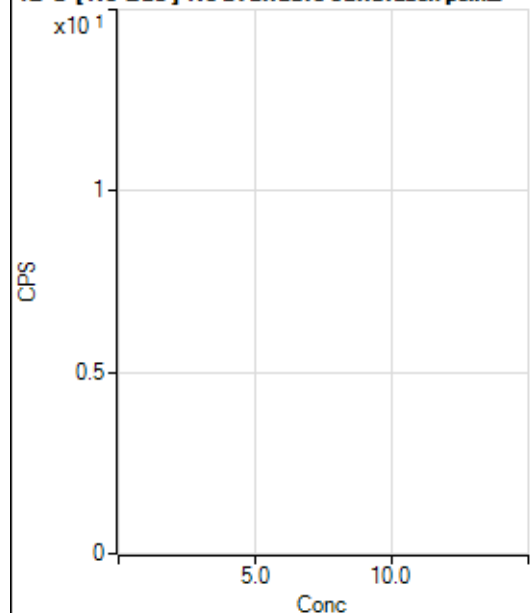
$$R = 1.0000$$

$$DL = 1.107$$

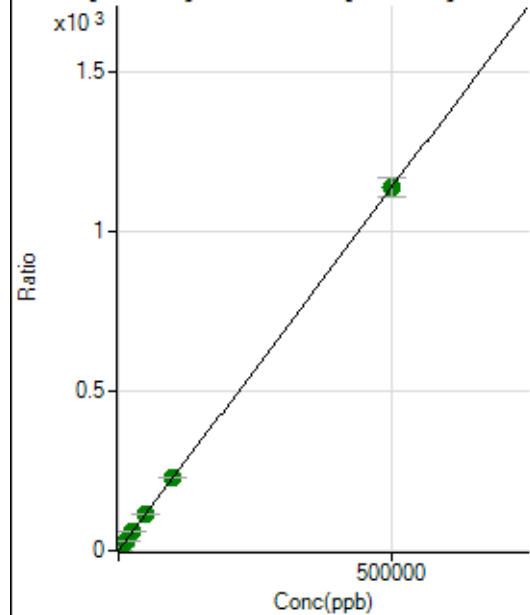
$$BEC = 2.541$$

Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2933760.42		A	0.6
2	☐			2983487.98		A	0.4
3	☐			3127684.38		A	3.1
4	☐			3222972.03		A	0.3
5	☐			3456542.44		A	3.1
6	☐			4015863.59		A	4.5
7	☐			5744400.47		A	7.6
8	☐			4161035.99		A	4.1

23 Na [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	891988.08	0.2739	P	2.0
2	☐	500.000	507.476	4613935.96	1.4284	A	1.4
3	☐	5000.000	4876.029	38508360.75	11.3671	A	16.2
4	☐	12500.000	12807.854	96619051.48	29.4125	A	2.0
5	☐	25000.000	27027.936	193853580.08	61.7639	A	4.5
6	☐	50000.000	51111.775	380209532.81	116.5560	A	0.5
7	☐	100000.00	99737.463	757394320.97	227.1821	A	0.7
8	☐	500000.00	499833.46	3805349161.7	1,137.422	A	5.2

$$y = 0.0023 * x + 0.2739$$

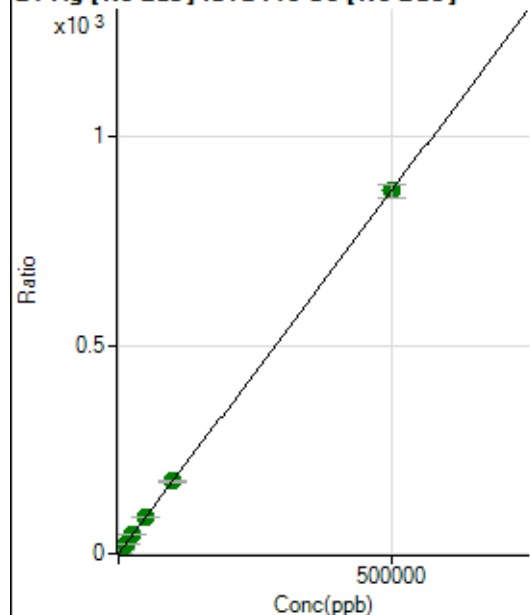
$$R = 1.0000$$

$$DL = 7.316$$

$$BEC = 120.4$$

Weight: <None>

Min Conc: 0

24 Mg [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3634.19	0.0011	P	6.1
2	☐	500.000	488.991	2753127.17	0.8523	A	1.6
3	☐	5000.000	4843.537	28556831.66	8.4327	A	16.6
4	☐	12500.000	12621.401	72184016.48	21.9722	A	1.7
5	☐	25000.000	26471.312	144696960.19	46.0819	A	2.7
6	☐	50000.000	50850.168	288703469.97	88.5201	A	2.5
7	☐	100000.00	99465.367	577293606.60	173.1486	A	1.2
8	☐	500000.00	499946.88	2912961231.9	870.2994	A	3.4

$$y = 0.0017 * x + 0.0011$$

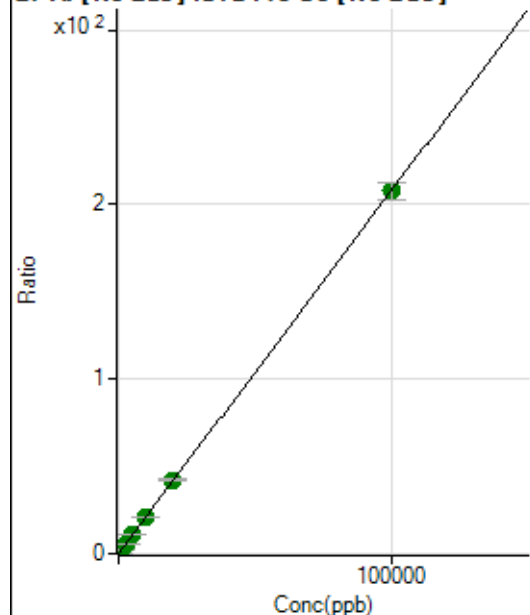
$$R = 1.0000$$

$$DL = 0.1174$$

$$BEC = 0.6406$$

Weight: <None>

Min Conc: 0

27 Al [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7663.25	0.0024	P	6.1
2	☐	20.000	23.437	165048.19	0.0511	P	1.3
3	☐	1000.000	992.461	7010035.83	2.0665	A	14.5
4	☐	2500.000	2537.854	17348898.50	5.2807	A	0.2
5	☐	5000.000	5373.633	35070949.29	11.1787	A	6.0
6	☐	10000.000	10103.756	68531610.86	21.0166	A	3.5
7	☐	20000.000	20272.502	140565947.66	42.1660	A	1.3
8	☐	100000.00	99915.571	695257886.73	207.8114	A	5.1

$$y = 0.0021 * x + 0.0024$$

$$R = 1.0000$$

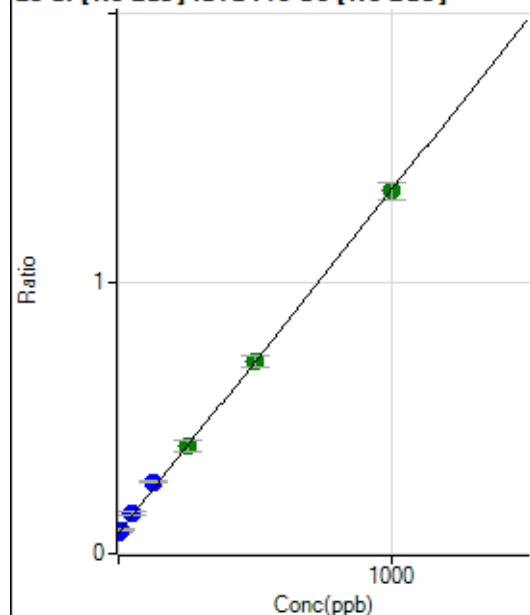
$$DL = 0.2075$$

$$BEC = 1.13$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	252115.32	0.0774	P	2.0
2	☐	10.000	8.902	286499.39	0.0887	P	1.2
3	☐	50.000	56.858	509559.98	0.1495	P	8.7
4	☐	125.000	149.194	875836.85	0.2665	P	4.8
5	☐	250.000	250.728	1238494.52	0.3952	A	10.6
6	☐	500.000	497.637	2309380.60	0.7081	A	6.1
7	☐	1000.000	997.643	4475315.55	1.3418	A	4.5
8	☐			1073192.84	0.3212	A	10.8

$$y = 0.0013 * x + 0.0774$$

$$R = 0.9997$$

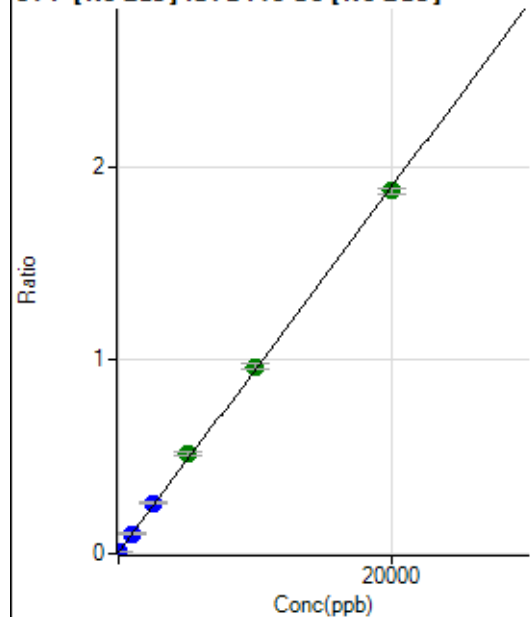
$$DL = 3.715$$

$$BEC = 61.08$$

Weight: <None>

Min Conc: 0

31 P [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.991	22988.49	0.0071	P	2.2
2	☐	0.000	-0.991	22186.36	0.0069	P	3.3
3	☐	1000.000	1013.797	347570.10	0.1026	P	15.8
4	☐	2500.000	2703.055	860211.32	0.2619	P	2.4
5	☐	5000.000	5395.405	1618707.11	0.5158	A	4.7
6	☐	10000.000	10178.629	3153142.49	0.9669	A	2.3
7	☐	20000.000	19785.763	6243348.08	1.8729	A	1.4
8	☐			24692.98	0.0074	P	1.5

$$y = 9.4307E-005 * x + 0.0070$$

$$R = 0.9997$$

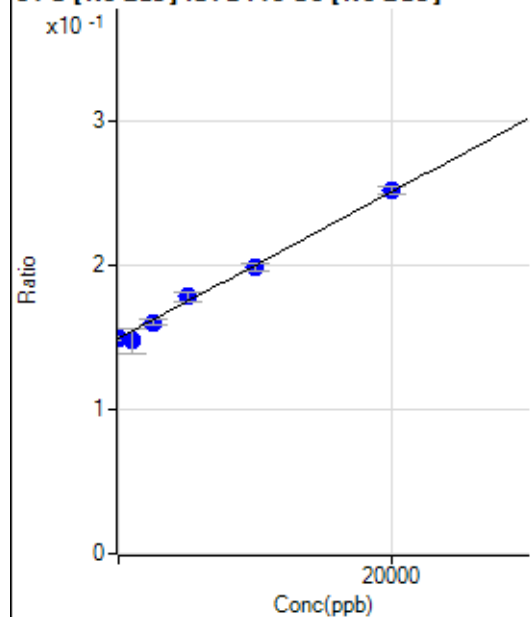
$$DL = 6.09$$

$$BEC = 73.83$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	30.215	487914.86	0.1498	P	2.7
2	☐	0.000	-30.215	482946.74	0.1495	P	1.8
3	☐	1000.000	-399.445	501914.55	0.1476	P	11.6
4	☐	2500.000	2207.388	528556.99	0.1609	P	1.9
5	☐	5000.000	5642.061	559984.36	0.1784	P	3.7
6	☐	10000.000	9661.451	648423.23	0.1988	P	2.8
7	☐	20000.000	20115.308	840162.25	0.2521	P	2.2
8	☐			428225.76	0.1280	P	3.8

$$y = 5.0898\text{E-}006 * x + 0.1497$$

$$R = 0.9967$$

$$DL = 2003$$

$$BEC = 2.941\text{E}+04$$

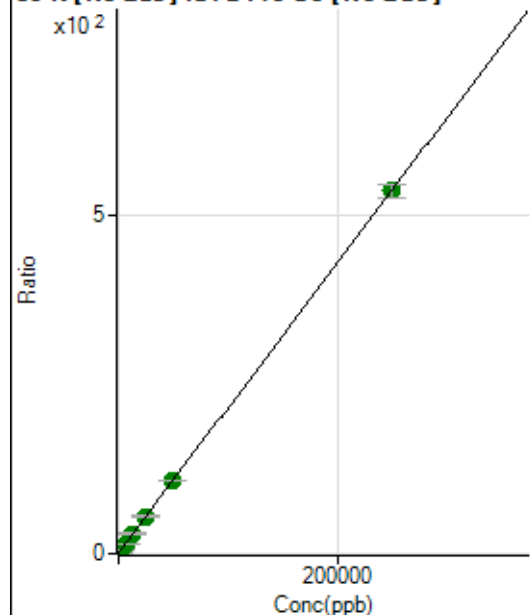
Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			278183.07		P	1.0
2	☐			266639.98		P	1.7
3	☐			256195.10		P	1.2
4	☐			254007.47		P	1.4
5	☐			246961.35		P	1.9
6	☐			238710.68		P	0.4
7	☐			238480.88		P	1.4
8	☐			238009.32		P	1.0

39 K [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3824448.82	1.1743	A	2.2
2	☐	500.000	487.926	7164584.96	2.2179	A	0.7
3	☐	2500.000	2363.083	21102524.70	6.2288	A	16.1
4	☐	6250.000	6253.590	47798124.36	14.5503	A	1.2
5	☐	12500.000	13189.703	92230935.19	29.3861	A	4.4
6	☐	25000.000	25051.291	178572269.31	54.7572	A	2.7
7	☐	50000.000	49661.217	358075606.32	107.3960	A	0.6
8	☐	250000.00	250029.44	1793686209.6	535.9689	A	3.8

$$y = 0.0021 * x + 1.1743$$

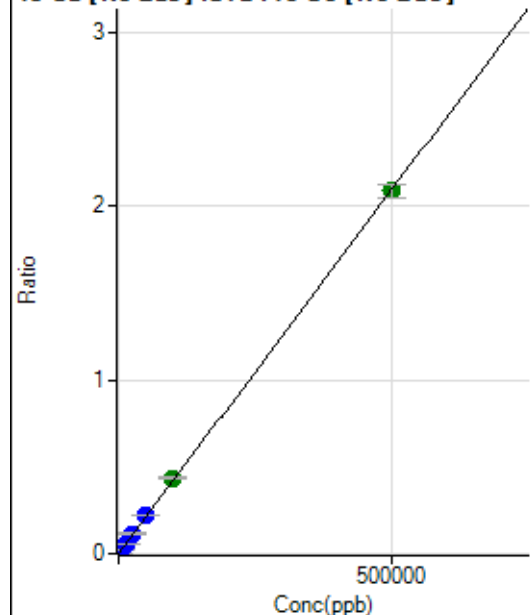
$$R = 1.0000$$

$$DL = 36.74$$

$$BEC = 549$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	494.95	0.0002	P	1.3
2	☐	500.000	490.509	7114.23	0.0022	P	2.1
3	☐	5000.000	4925.715	70222.64	0.0207	P	17.1
4	☐	12500.000	13085.050	180200.43	0.0549	P	0.8
5	☐	25000.000	27184.188	357124.15	0.1138	P	4.7
6	☐	50000.000	52056.722	710266.68	0.2178	P	1.7
7	☐	100000.00	104389.09	1455278.71	0.4365	A	1.7
8	☐	500000.00	498793.42	6979038.57	2.0853	A	3.8

$$y = 4.1805E-006 * x + 1.5195E-004$$

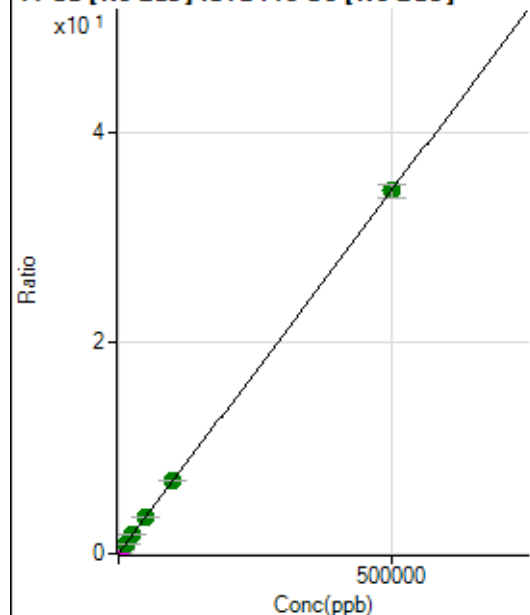
$$R = 1.0000$$

$$DL = 1.42$$

$$BEC = 36.35$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	64926.31	0.0199	P	1.7
2	☐	500.000	489.965	173233.59	0.0536	P	1.0
3	☐	5000.000	4825.704	1190880.41	0.3518	M	17.1
4	☐	12500.000	12866.738	2972298.05	0.9048	A	1.1
5	☐	25000.000	26331.410	5746529.35	1.8307	A	4.1
6	☐	50000.000	50364.123	11361982.58	3.4835	A	1.4
7	☐	100000.00	100514.86	23110560.59	6.9323	A	1.9
8	☐	500000.00	499786.62	115102301.57	34.3901	A	3.6

$$y = 6.8770\text{E-}005 * x + 0.0199$$

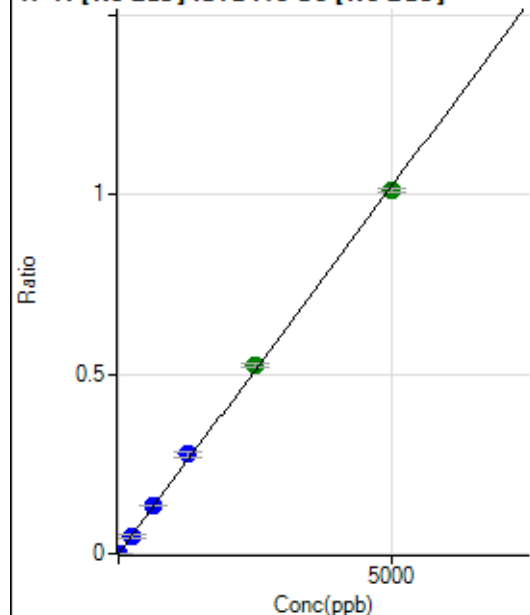
$$R = 1.0000$$

$$DL = 14.96$$

$$BEC = 289.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	261.12	0.0001	P	23.9
2	☐	5.000	5.357	3795.04	0.0012	P	5.8
3	☐	250.000	242.437	168063.03	0.0496	P	17.3
4	☐	625.000	648.450	435803.28	0.1327	P	1.3
5	☐	1250.000	1354.184	869175.61	0.2770	P	4.9
6	☐	2500.000	2560.214	1707464.60	0.5235	A	1.9
7	☐	5000.000	4941.293	3368175.64	1.0104	A	1.2
8	☐			1163.97	0.0003	P	11.8

$$y = 2.0446\text{E-}004 * x + 7.9915\text{E-}005$$

$$R = 0.9996$$

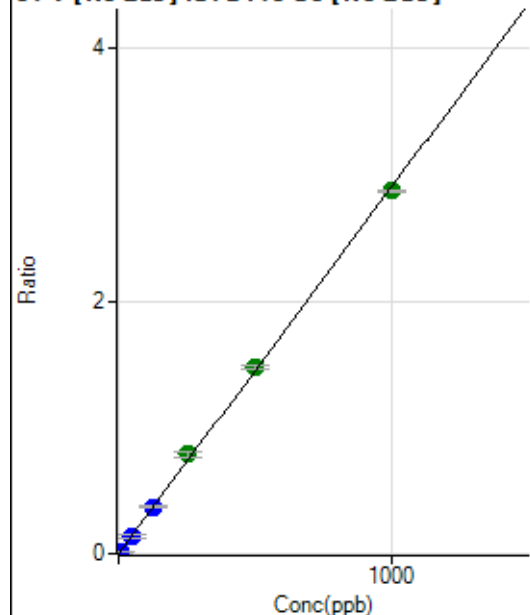
$$DL = 0.2804$$

$$BEC = 0.3909$$

Weight: <None>

Min Conc: 0

51 V [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	383.74	0.0001	P	33.3
2	☐	5.000	5.119	48361.27	0.0150	P	3.0
3	☐	50.000	48.218	474640.20	0.1400	P	15.7
4	☐	125.000	127.729	1217913.48	0.3708	P	1.8
5	☐	250.000	271.388	2471360.86	0.7876	A	5.5
6	☐	500.000	509.137	4819034.85	1.4775	A	1.6
7	☐	1000.000	989.831	9576122.76	2.8724	A	0.4
8	☐			4542.09	0.0014	P	7.0

$$y = 0.0029 * x + 1.1814E-004$$

$$R = 0.9997$$

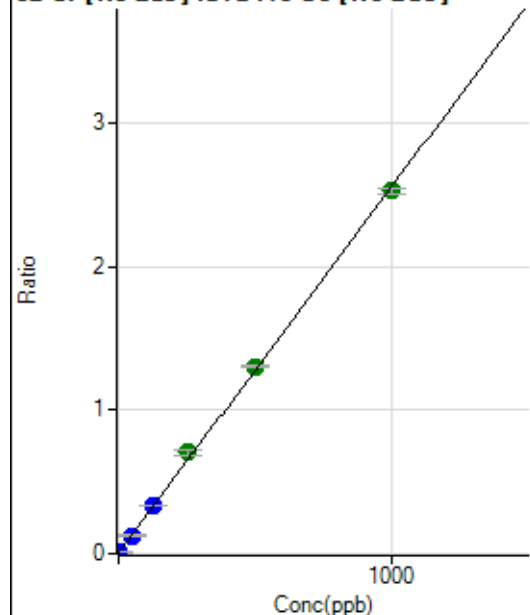
$$DL = 0.04072$$

$$BEC = 0.04071$$

Weight: <None>

Min Conc: 0

52 Cr [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10918.77	0.0034	P	0.9
2	☐	2.000	2.169	28721.48	0.0089	P	1.4
3	☐	50.000	48.200	428771.05	0.1264	P	14.9
4	☐	125.000	128.460	1088652.14	0.3314	P	1.7
5	☐	250.000	274.566	2210450.87	0.7045	A	5.8
6	☐	500.000	508.881	4249701.43	1.3029	A	1.2
7	☐	1000.000	989.075	8431589.00	2.5292	A	1.3
8	☐			4078.27	0.0122	P	3.3

$$y = 0.0026 * x + 0.0034$$

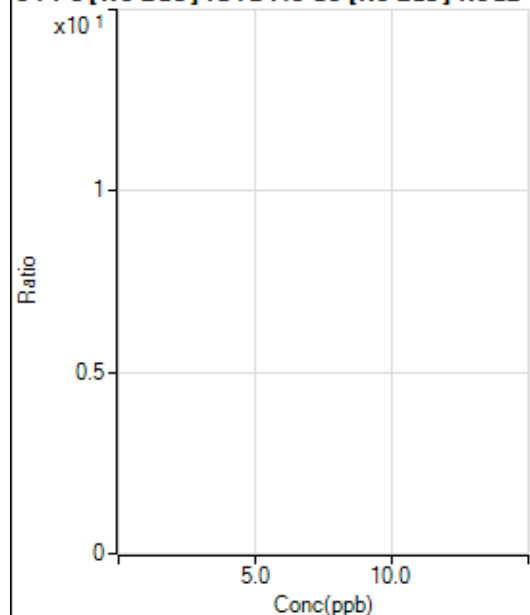
$$R = 0.9996$$

$$DL = 0.03473$$

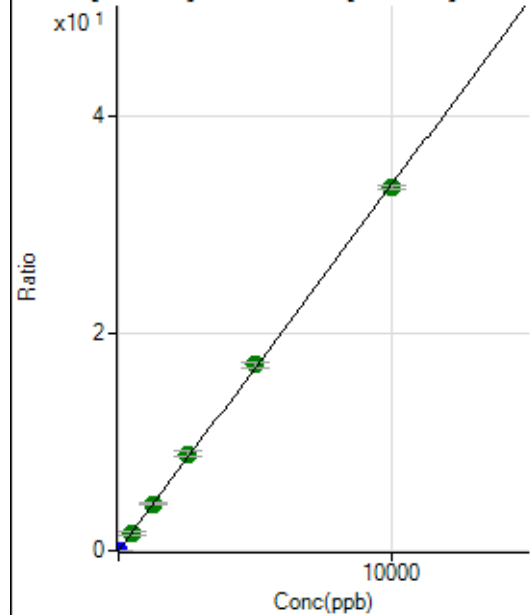
$$BEC = 1.312$$

Weight: <None>

Min Conc: 0

54 Fe [No Gas] ISTD:45 Sc [No Gas] No a...

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000					
2	☐	50.000					
3	☐	2500.000					
4	☐	6250.000					
5	☐	12500.000					
6	☐	25000.000					
7	☐	50000.000					
8	☐	250000.00					

55 Mn [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6114.30	0.0019	P	2.7
2	☐	1.000	1.015	17104.46	0.0053	P	1.8
3	☐	500.000	480.510	5491114.72	1.6202	A	15.6
4	☐	1250.000	1276.464	14128131.91	4.3010	A	2.1
5	☐	2500.000	2652.320	28040655.50	8.9348	A	4.6
6	☐	5000.000	5082.231	55823840.20	17.1187	A	2.7
7	☐	10000.000	9918.471	111364742.49	33.4070	A	1.2
8	☐			106264.05	0.0317	P	0.4

$$y = 0.0034 * x + 0.0019$$

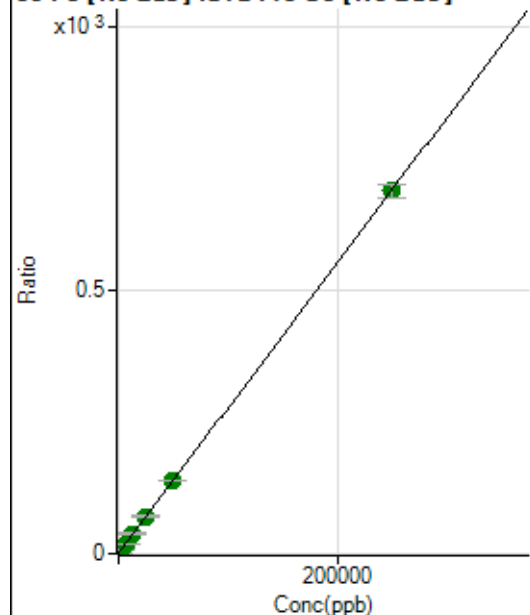
$$R = 0.9998$$

$$DL = 0.04594$$

$$BEC = 0.5571$$

Weight: <None>

Min Conc: 0

56 Fe [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2032059.07	0.6240	A	2.7
2	☐	50.000	48.814	2450029.45	0.7584	A	0.1
3	☐	2500.000	2411.437	24606947.12	7.2656	A	16.5
4	☐	6250.000	6472.836	60611260.79	18.4517	A	2.2
5	☐	12500.000	13393.152	117723065.58	37.5119	A	4.8
6	☐	25000.000	25606.344	232057864.69	71.1498	A	1.5
7	☐	50000.000	50026.456	461395862.94	138.4086	A	1.4
8	☐	250000.00	249884.73	2305534306.4	688.8651	A	3.6

$$y = 0.0028 * x + 0.6240$$

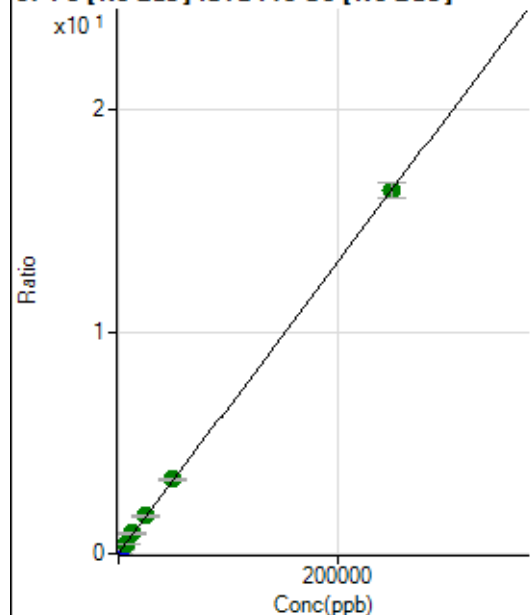
$$R = 1.0000$$

$$DL = 18.63$$

$$BEC = 226.6$$

Weight: <None>

Min Conc: 0

57 Fe [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	37163.01	0.0114	P	1.2
2	☐	50.000	59.124	49331.85	0.0153	P	3.1
3	☐	2500.000	2539.129	601175.24	0.1775	P	16.5
4	☐	6250.000	6661.939	1469094.28	0.4472	A	0.9
5	☐	12500.000	13757.757	2859845.53	0.9113	A	5.1
6	☐	25000.000	25795.109	5540555.10	1.6987	A	1.7
7	☐	50000.000	50975.538	11153962.74	3.3458	A	1.1
8	☐	250000.00	249651.80	54685701.28	16.3418	A	4.1

$$y = 6.5413E-005 * x + 0.0114$$

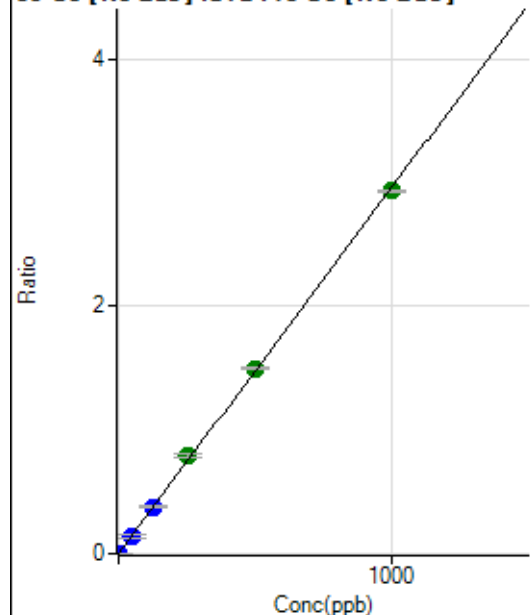
$$R = 1.0000$$

$$DL = 6.491$$

$$BEC = 174.4$$

Weight: <None>

Min Conc: 0

59 Co [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	497.19	0.0002	P	22.7
2	☐	1.000	0.963	9683.27	0.0030	P	1.6
3	☐	50.000	48.307	484180.75	0.1429	P	16.2
4	☐	125.000	128.675	1249885.69	0.3805	P	0.9
5	☐	250.000	267.787	2484297.88	0.7916	A	5.1
6	☐	500.000	507.022	4888349.48	1.4987	A	1.1
7	☐	1000.000	991.668	9771458.20	2.9311	A	0.8
8	☐			17471.99	0.0052	P	1.8

$$y = 0.0030 * x + 1.5272E-004$$

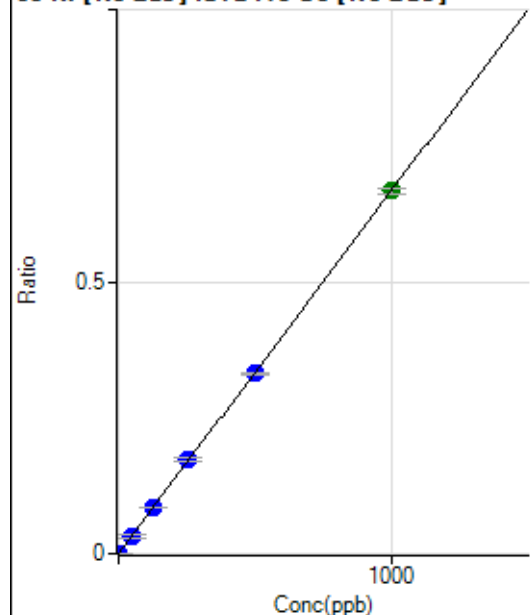
$$R = 0.9998$$

$$DL = 0.03512$$

$$BEC = 0.05167$$

Weight: <None>

Min Conc: 0

60 Ni [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	306.99	0.0001	P	20.0
2	☐	1.000	1.102	2679.68	0.0008	P	5.2
3	☐	50.000	48.127	109213.81	0.0322	P	14.7
4	☐	125.000	125.600	275560.65	0.0839	P	1.6
5	☐	250.000	260.848	546569.32	0.1741	P	3.7
6	☐	500.000	495.723	1078931.08	0.3308	P	1.6
7	☐	1000.000	999.445	2223036.89	0.6669	A	1.4
8	☐			7823.52	0.0023	P	4.3

$$y = 6.6713E-004 * x + 9.4469E-005$$

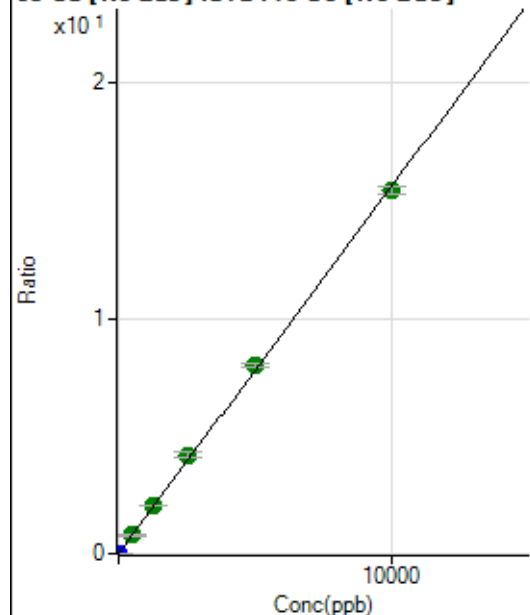
$$R = 0.9999$$

$$DL = 0.08496$$

$$BEC = 0.1416$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2593.59	0.0008	P	2.9
2	☐	2.000	2.084	13071.67	0.0040	P	2.2
3	☐	500.000	498.771	2638017.77	0.7786	A	16.0
4	☐	1250.000	1291.086	6616608.30	2.0142	A	1.2
5	☐	2500.000	2690.619	13169949.67	4.1966	A	4.9
6	☐	5000.000	5134.439	26120507.67	8.0076	A	1.1
7	☐	10000.000	9880.052	51359032.01	15.4081	A	2.2
8	☐			41375.78	0.0124	P	0.4

$$y = 0.0016 * x + 7.9643E-004$$

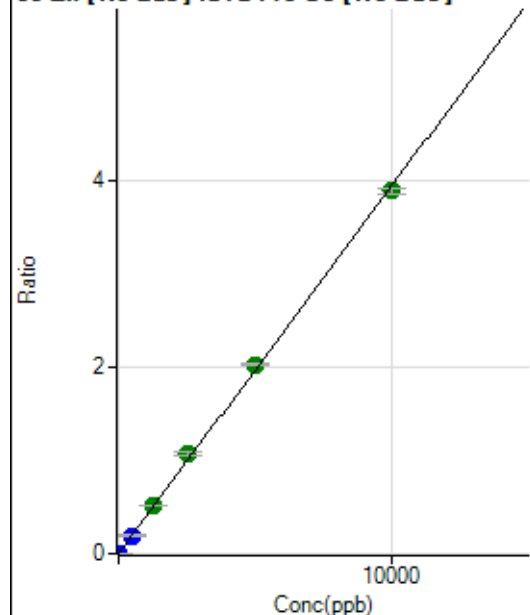
$$R = 0.9996$$

$$DL = 0.04427$$

$$BEC = 0.5107$$

Weight: <None>

Min Conc: 0

66 Zn [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1351.46	0.0004	P	18.5
2	☐	2.000	2.265	4228.32	0.0013	P	3.2
3	☐	500.000	495.316	662573.42	0.1958	P	17.4
4	☐	1250.000	1316.254	1706664.34	0.5195	A	1.5
5	☐	2500.000	2712.105	3358116.46	1.0701	A	4.8
6	☐	5000.000	5134.688	6606887.59	2.0255	A	1.1
7	☐	10000.000	9871.582	12979473.60	3.8937	A	1.7
8	☐			24850.59	0.0074	P	3.5

$$y = 3.9440E-004 * x + 4.1576E-004$$

$$R = 0.9996$$

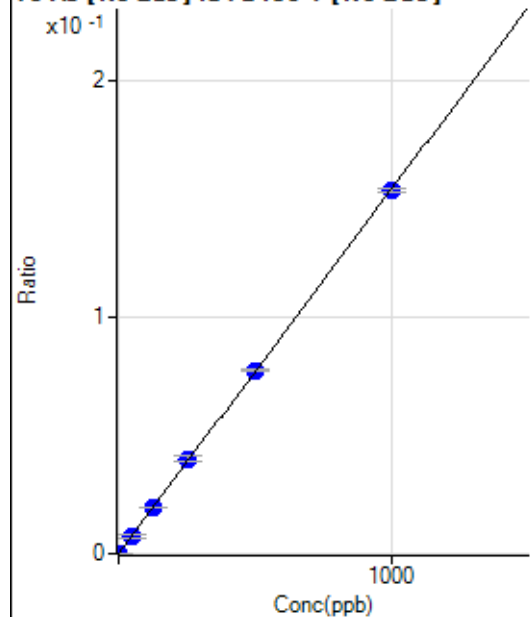
$$DL = 0.5843$$

$$BEC = 1.054$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	144.45	0.0000	P	14.5
2	☐	1.000	1.028	1394.55	0.0002	P	10.1
3	☐	50.000	48.335	59633.28	0.0075	P	20.1
4	☐	125.000	127.256	153620.12	0.0196	P	2.5
5	☐	250.000	260.476	305761.36	0.0402	P	4.7
6	☐	500.000	503.393	605768.10	0.0776	P	0.3
7	☐	1000.000	995.486	1213410.56	0.1535	P	1.0
8	☐			716.71	0.0001	P	1.5

$$y = 1.5420E-004 * x + 1.8443E-005$$

$$R = 0.9999$$

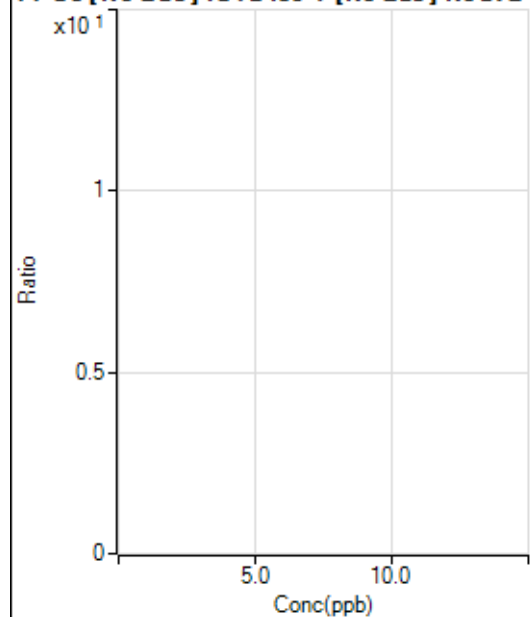
$$DL = 0.05195$$

$$BEC = 0.1196$$

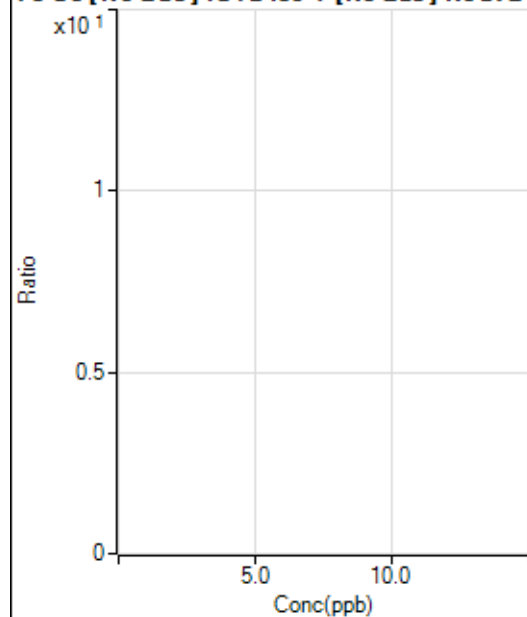
Weight: <None>

Min Conc: 0

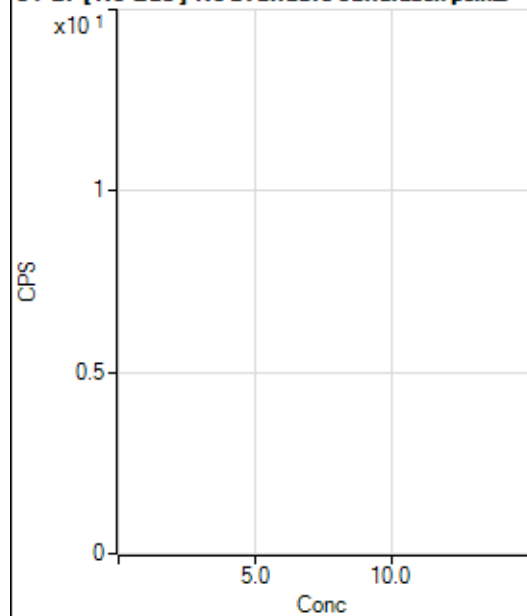
77 Se [No Gas] ISTD:89 Y [No Gas] No av _



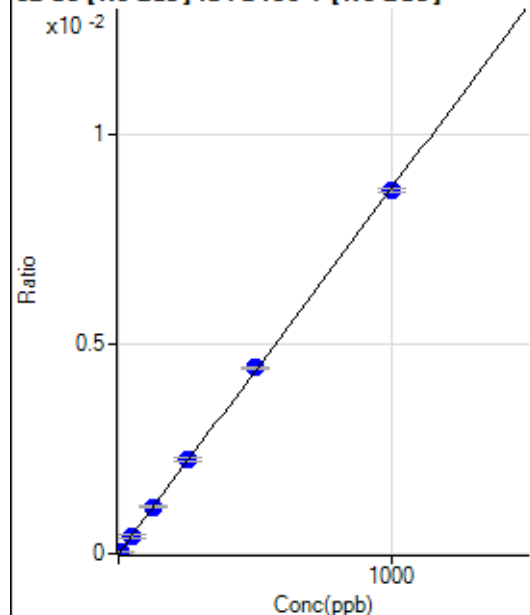
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000					
2	☐	5.000					
3	☐	50.000					
4	☐	125.000					
5	☐	250.000					
6	☐	500.000					
7	☐	1000.000					
8	☐						

78 Se [No Gas] ISTD:89 Y [No Gas] No av _

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000					
2	☐	5.000					
3	☐	50.000					
4	☐	125.000					
5	☐	250.000					
6	☐	500.000					
7	☐	1000.000					
8	☐						

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2265.85		P	9.5
2	☐			2139.04		P	1.0
3	☐			2132.36		P	10.2
4	☐			2409.35		P	10.1
5	☐			2192.44		P	13.1
6	☐			2289.22		P	6.0
7	☐			2155.73		P	2.1
8	☐			2599.60		P	7.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.21	0.0000	P	85.4
2	☐	5.000	5.422	401.59	0.0001	P	41.1
3	☐	50.000	47.465	3331.87	0.0004	P	19.3
4	☐	125.000	127.680	8728.91	0.0011	P	1.4
5	☐	250.000	259.160	17208.03	0.0023	P	3.9
6	☐	500.000	509.155	34627.12	0.0044	P	0.6
7	☐	1000.000	992.922	68381.25	0.0087	P	0.9
8	☐			-53.14	0.0000	P	-302.

$$y = 8.7092E-006 * x + 3.8372E-006$$

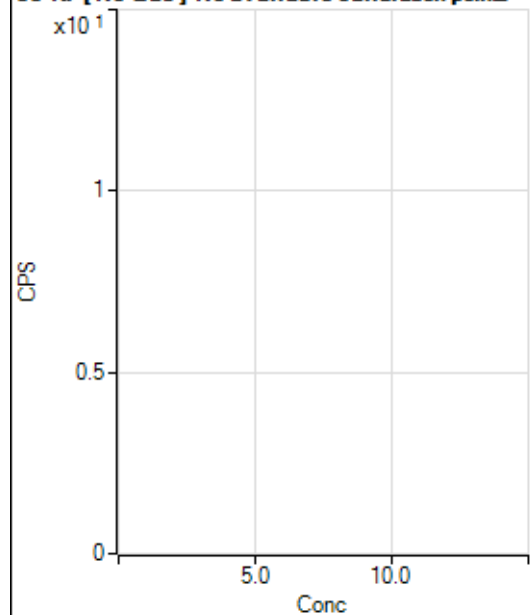
$$R = 0.9999$$

$$DL = 1.129$$

$$BEC = 0.4406$$

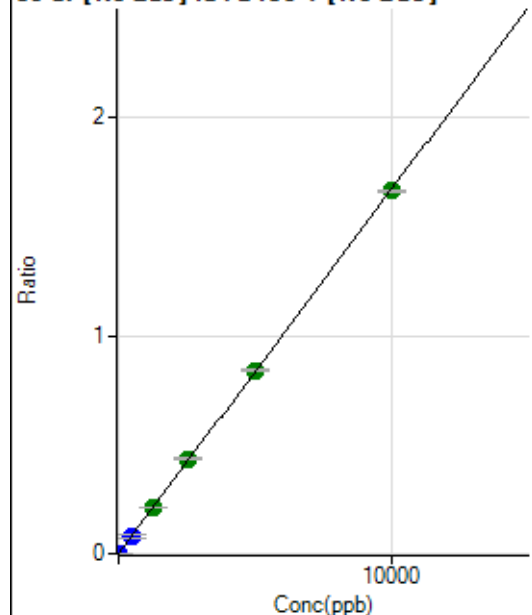
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1432.31		P	0.8
2	☐			1398.97		P	10.3
3	☐			1623.45		P	20.1
4	☐			1454.54		P	5.3
5	☐			1471.20		P	7.2
6	☐			1427.86		P	2.9
7	☐			1454.54		P	1.7
8	☐			1461.21		P	9.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2514.18	0.0003	P	4.4
2	☐	1.000	0.895	3700.60	0.0005	P	4.3
3	☐	500.000	485.324	650477.56	0.0813	P	17.4
4	☐	1250.000	1276.795	1669530.61	0.2134	A	2.0
5	☐	2500.000	2603.304	3310022.92	0.4348	A	3.1
6	☐	5000.000	5027.323	6549136.87	0.8394	A	0.7
7	☐	10000.000	9957.897	13139937.88	1.6624	A	0.3
8	☐			8074.77	0.0010	P	0.7

$$y = 1.6691\text{E-}004 * x + 3.2064\text{E-}004$$

$$R = 0.9999$$

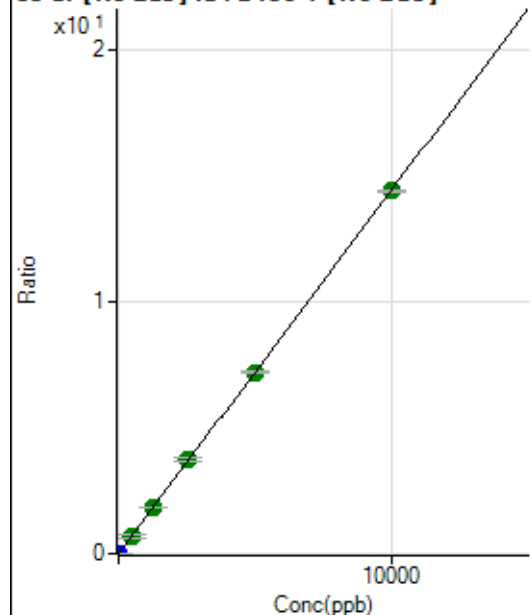
$$DL = 0.252$$

$$BEC = 1.921$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	663.92	0.0001	P	5.3
2	☐	1.000	0.980	11788.60	0.0015	P	0.5
3	☐	500.000	476.537	5497236.28	0.6867	A	16.4
4	☐	1250.000	1258.630	14190278.61	1.8137	A	0.5
5	☐	2500.000	2582.725	28321249.24	3.7216	A	4.2
6	☐	5000.000	4996.685	56173280.42	7.1999	A	1.1
7	☐	10000.000	9981.071	113683430.32	14.3819	A	0.8
8	☐			48535.16	0.0061	P	2.6

$$y = 0.0014 * x + 8.4653\text{E-}005$$

$$R = 1.0000$$

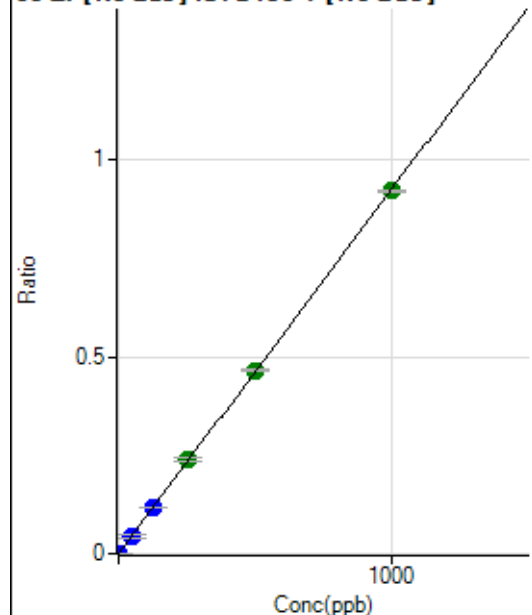
$$DL = 0.009393$$

$$BEC = 0.05875$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	450.02	0.0001	P	14.6
2	☐	1.000	0.967	7499.43	0.0010	P	0.8
3	☐	50.000	47.807	354532.81	0.0443	P	16.1
4	☐	125.000	127.476	922860.51	0.1180	P	1.6
5	☐	250.000	259.087	1824000.93	0.2397	A	4.8
6	☐	500.000	502.542	3627534.89	0.4649	A	1.2
7	☐	1000.000	996.258	7284596.34	0.9216	A	0.5
8	☐			2750.34	0.0003	P	7.1

$$y = 9.2500\text{E-}004 * x + 5.7470\text{E-}005$$

$$R = 0.9999$$

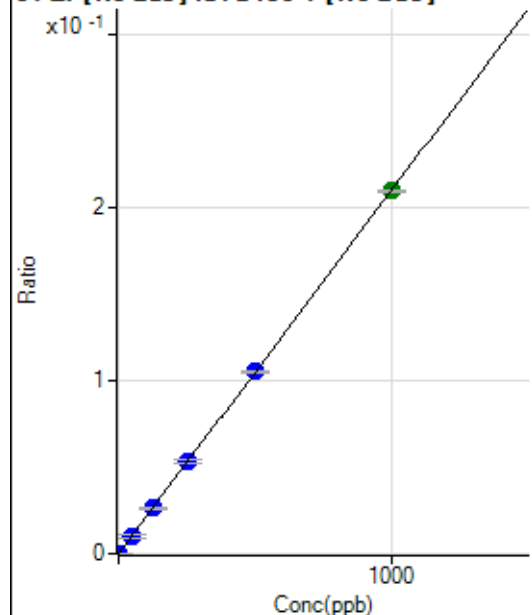
$$DL = 0.0272$$

$$BEC = 0.06213$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0000	P	12.3
2	☐	1.000	0.982	1700.15	0.0002	P	7.4
3	☐	50.000	47.104	79203.79	0.0099	P	16.5
4	☐	125.000	125.174	205547.40	0.0263	P	2.1
5	☐	250.000	254.820	407034.22	0.0535	P	4.1
6	☐	500.000	500.486	819584.38	0.1050	P	1.2
7	☐	1000.000	998.675	1656695.96	0.2096	A	0.6
8	☐			630.59	0.0001	P	13.9

$$y = 2.0985\text{E-}004 * x + 9.9207\text{E-}006$$

$$R = 1.0000$$

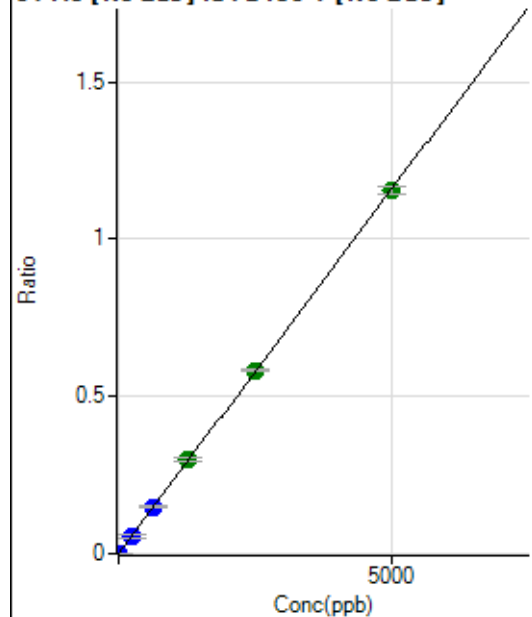
$$DL = 0.01748$$

$$BEC = 0.04727$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	200.01	0.0000	P	21.8
2	☐	5.000	4.813	8978.11	0.0011	P	1.9
3	☐	250.000	241.687	448060.11	0.0560	P	16.9
4	☐	625.000	639.522	1158517.06	0.1481	P	3.1
5	☐	1250.000	1290.790	2275580.56	0.2990	A	3.3
6	☐	2500.000	2517.519	4549116.72	0.5831	A	0.5
7	☐	5000.000	4979.644	9116043.43	1.1533	A	2.2
8	☐			3417.18	0.0004	P	7.4

$$y = 2.3159\text{E-}004 * x + 2.5518\text{E-}005$$

$$R = 0.9999$$

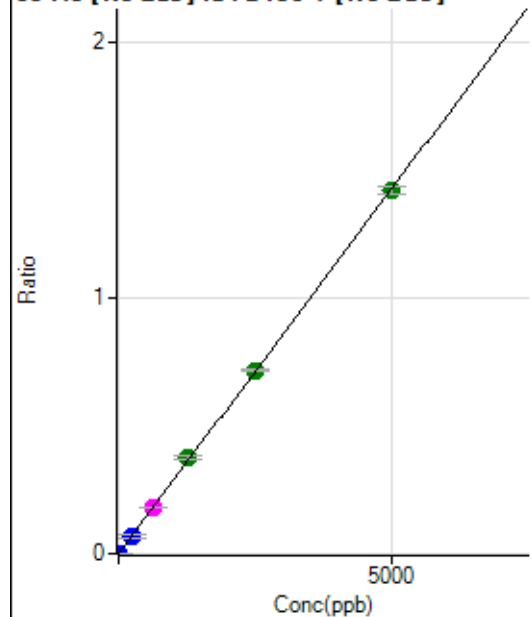
$$DL = 0.07217$$

$$BEC = 0.1102$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	34.6
2	☐	5.000	4.760	10748.87	0.0014	P	2.2
3	☐	250.000	242.737	554937.79	0.0693	P	16.6
4	☐	625.000	637.842	1424941.43	0.1822	M	2.6
5	☐	1250.000	1311.938	2851770.29	0.3747	A	4.0
6	☐	2500.000	2515.297	5605287.28	0.7184	A	0.9
7	☐	5000.000	4975.625	11232726.82	1.4211	A	2.2
8	☐			4020.15	0.0005	P	8.3

$$y = 2.8562\text{E-}004 * x + 5.3131\text{E-}006$$

$$R = 0.9999$$

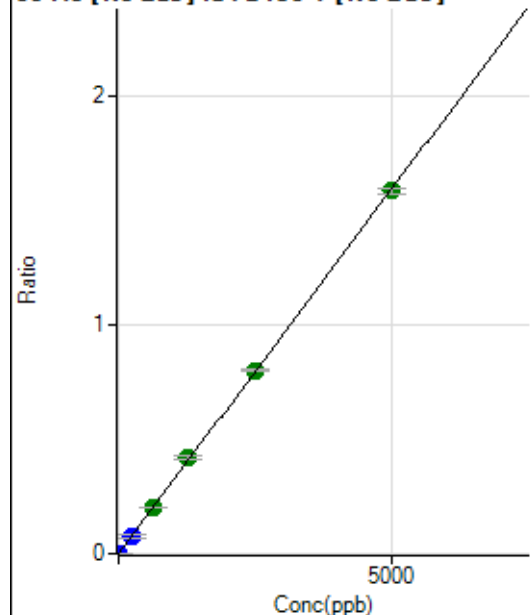
$$DL = 0.0193$$

$$BEC = 0.0186$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	169.45	0.0000	P	20.9
2	☐	5.000	4.833	12294.62	0.0016	P	2.1
3	☐	250.000	240.148	612872.57	0.0765	P	16.3
4	☐	625.000	640.223	1596076.36	0.2040	A	1.5
5	☐	1250.000	1309.621	3175837.38	0.4173	A	4.5
6	☐	2500.000	2513.041	6248419.80	0.8008	A	1.1
7	☐	5000.000	4977.164	12536487.00	1.5860	A	1.9
8	☐			5089.96	0.0006	P	8.9

$$y = 3.1866\text{E-}004 * x + 2.1628\text{E-}005$$

$$R = 0.9999$$

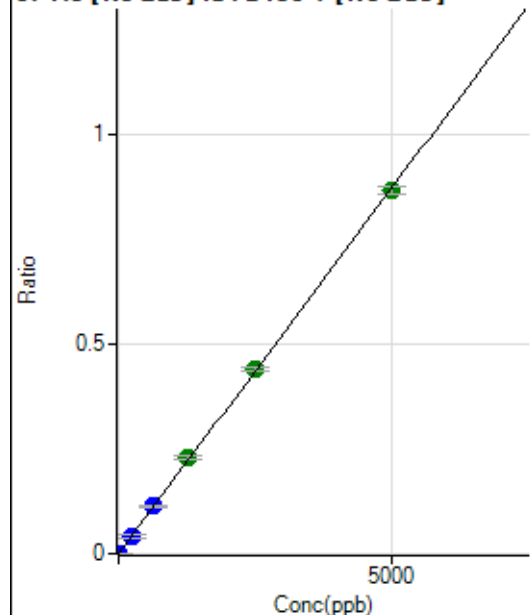
$$DL = 0.04253$$

$$BEC = 0.06787$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	97.9
2	☐	5.000	5.015	6915.81	0.0009	P	3.6
3	☐	250.000	241.220	337209.26	0.0421	P	16.3
4	☐	625.000	648.460	885764.87	0.1132	P	1.6
5	☐	1250.000	1323.100	1758575.06	0.2310	A	3.3
6	☐	2500.000	2527.157	3442622.43	0.4413	A	2.4
7	☐	5000.000	4965.653	6853676.24	0.8671	A	2.2
8	☐			2333.60	0.0003	P	11.3

$$y = 1.7462\text{E-}004 * x + 2.4603\text{E-}006$$

$$R = 0.9998$$

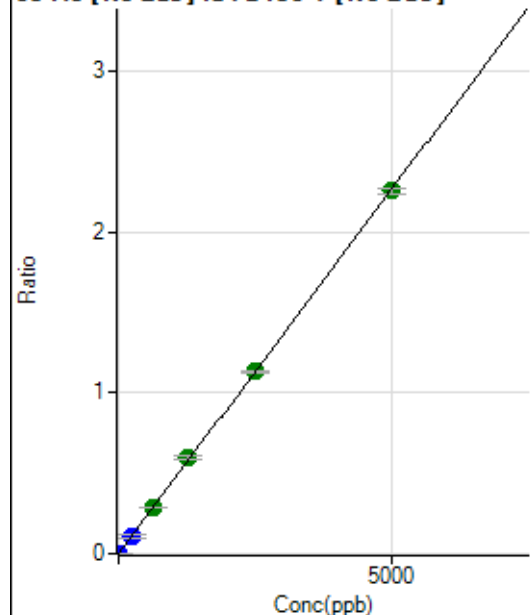
$$DL = 0.04137$$

$$BEC = 0.01409$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	80.0
2	☐	5.000	4.919	17558.78	0.0022	P	4.7
3	☐	250.000	244.060	883283.29	0.1104	P	17.5
4	☐	625.000	639.996	2265725.44	0.2896	A	0.6
5	☐	1250.000	1318.197	4540242.25	0.5965	A	3.4
6	☐	2500.000	2503.159	8837044.99	1.1327	A	1.2
7	☐	5000.000	4979.794	17810995.02	2.2534	A	1.5
8	☐			6368.30	0.0008	P	6.1

$$y = 4.5250\text{E-}004 * x + 4.5845\text{E-}006$$

$$R = 0.9999$$

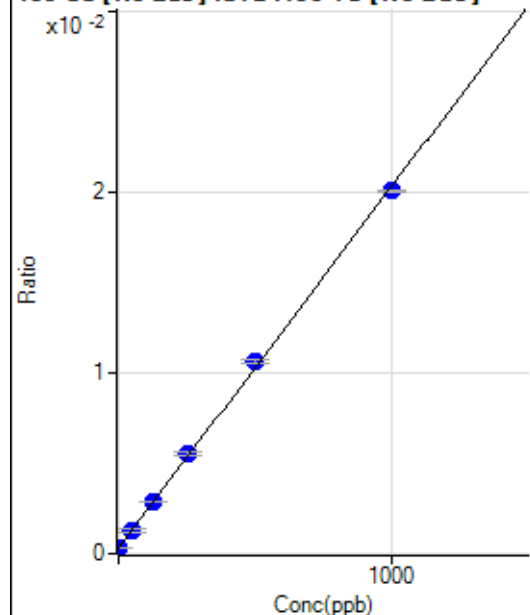
$$DL = 0.02432$$

$$BEC = 0.01013$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1552.91	0.0003	P	2.5
2	☐	1.000	1.706	1711.26	0.0003	P	3.6
3	☐	50.000	47.813	6840.82	0.0013	P	12.7
4	☐	125.000	128.188	15011.38	0.0029	P	2.4
5	☐	250.000	262.329	27959.49	0.0056	P	4.9
6	☐	500.000	516.351	55317.24	0.0106	P	2.6
7	☐	1000.000	988.453	107131.13	0.0201	P	0.4
8	☐			1652.92	0.0003	P	11.8

$$y = 2.0026\text{E-}005 * x + 3.0135\text{E-}004$$

$$R = 0.9997$$

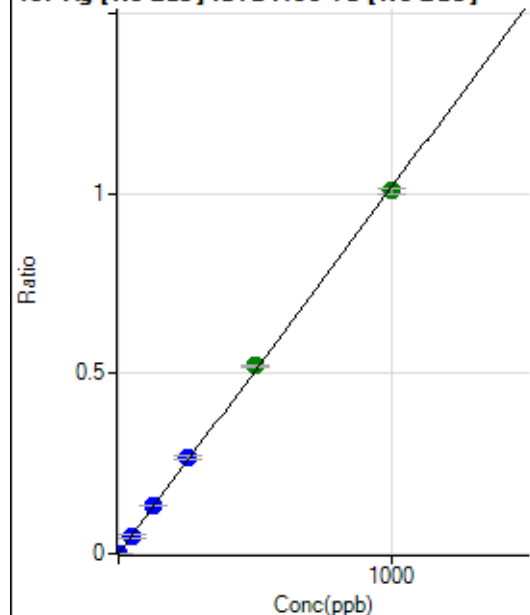
$$DL = 1.131$$

$$BEC = 15.05$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	35.0
2	☐	1.000	0.922	4831.51	0.0009	P	1.8
3	☐	50.000	48.250	265719.45	0.0491	P	17.8
4	☐	125.000	129.615	690365.32	0.1319	P	1.4
5	☐	250.000	262.208	1343622.18	0.2669	P	4.5
6	☐	500.000	512.261	2710888.02	0.5214	A	0.8
7	☐	1000.000	990.328	5372819.21	1.0081	A	1.9
8	☐			2175.23	0.0004	P	8.2

$$y = 0.0010 * x + 9.1284E-006$$

$$R = 0.9998$$

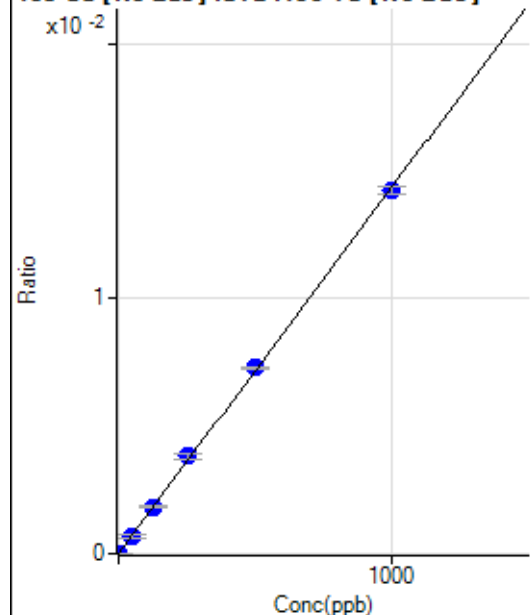
$$DL = 0.00942$$

$$BEC = 0.008968$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	88.8
2	☐	1.000	1.367	125.00	0.0000	P	14.6
3	☐	50.000	46.373	3635.24	0.0007	P	15.2
4	☐	125.000	128.332	9663.22	0.0018	P	3.1
5	☐	250.000	266.168	19246.89	0.0038	P	6.6
6	☐	500.000	508.694	37979.94	0.0073	P	1.3
7	☐	1000.000	991.375	75861.21	0.0142	P	2.3
8	☐			137.51	0.0000	P	19.4

$$y = 1.4353E-005 * x + 4.8801E-006$$

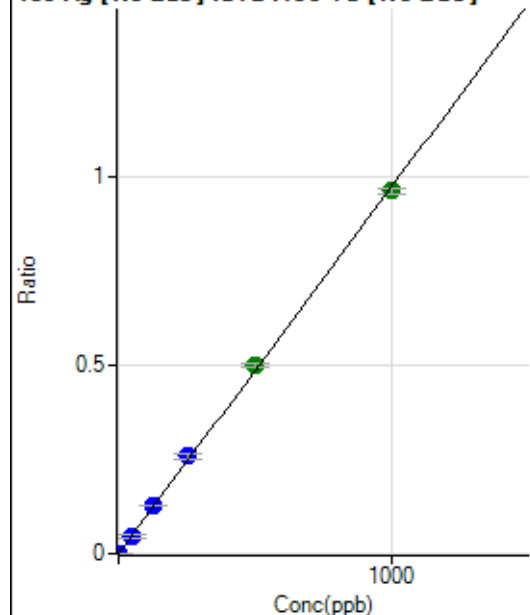
$$R = 0.9998$$

$$DL = 0.9055$$

$$BEC = 0.34$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	41.5
2	☐	1.000	0.996	4953.81	0.0010	P	2.8
3	☐	50.000	48.110	253173.95	0.0468	P	18.1
4	☐	125.000	129.949	661570.76	0.1264	P	0.9
5	☐	250.000	265.231	1298697.37	0.2581	P	5.5
6	☐	500.000	512.766	2593491.55	0.4989	A	1.8
7	☐	1000.000	989.285	5130852.85	0.9625	A	1.3
8	☐			2086.34	0.0004	P	12.1

$$y = 9.7297\text{E-}004 * x + 2.1457\text{E-}006$$

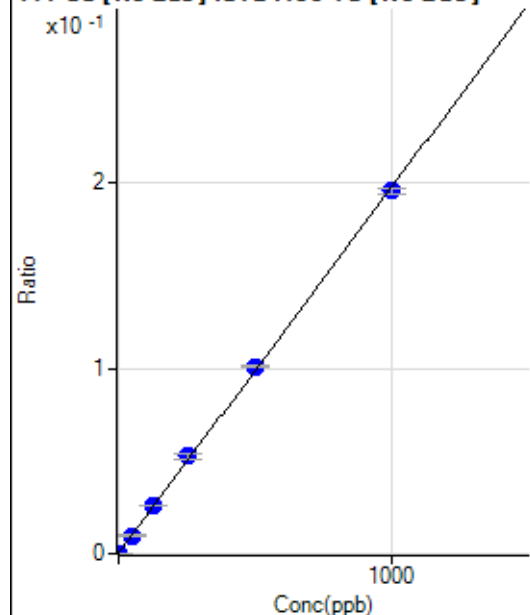
$$R = 0.9997$$

$$DL = 0.002746$$

$$BEC = 0.002205$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1087.59	0.0002	P	2.9
2	☐	1.000	1.187	2272.95	0.0004	P	5.5
3	☐	50.000	48.426	52942.89	0.0098	P	17.0
4	☐	125.000	128.739	134205.42	0.0256	P	1.2
5	☐	250.000	264.902	264535.00	0.0526	P	4.7
6	☐	500.000	511.124	526097.09	0.1012	P	1.6
7	☐	1000.000	990.324	1044183.52	0.1959	P	1.6
8	☐			1481.64	0.0003	P	11.8

$$y = 1.9760\text{E-}004 * x + 2.1105\text{E-}004$$

$$R = 0.9998$$

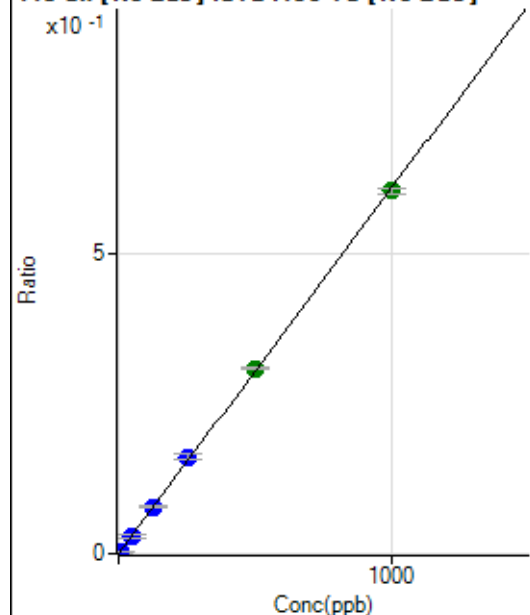
$$DL = 0.093$$

$$BEC = 1.068$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	188.90	0.0000	P	37.8
2	☐	5.000	4.995	15759.46	0.0031	P	3.5
3	☐	50.000	47.810	158228.16	0.0293	P	18.1
4	☐	125.000	127.844	409012.79	0.0782	P	1.6
5	☐	250.000	265.134	815756.30	0.1621	P	5.1
6	☐	500.000	507.022	1611228.80	0.3099	A	1.7
7	☐	1000.000	992.459	3233378.37	0.6066	A	1.5
8	☐			2103.00	0.0004	P	17.7

$$y = 6.1118\text{E-}004 * x + 3.6758\text{E-}005$$

$$R = 0.9998$$

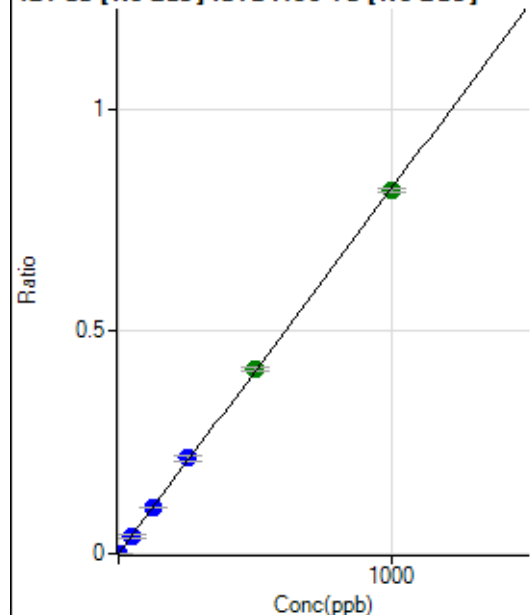
$$DL = 0.06824$$

$$BEC = 0.06014$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	50.00	0.0000	P	42.3
2	☐	2.000	2.013	8486.17	0.0017	P	5.5
3	☐	50.000	47.239	209933.19	0.0388	P	18.3
4	☐	125.000	127.074	546353.65	0.1044	P	1.3
5	☐	250.000	262.445	1085217.64	0.2156	P	5.5
6	☐	500.000	506.640	2163910.27	0.4163	A	1.8
7	☐	1000.000	993.447	4351253.61	0.8163	A	1.1
8	☐			4147.97	0.0008	P	7.3

$$y = 8.2165\text{E-}004 * x + 9.6571\text{E-}006$$

$$R = 0.9999$$

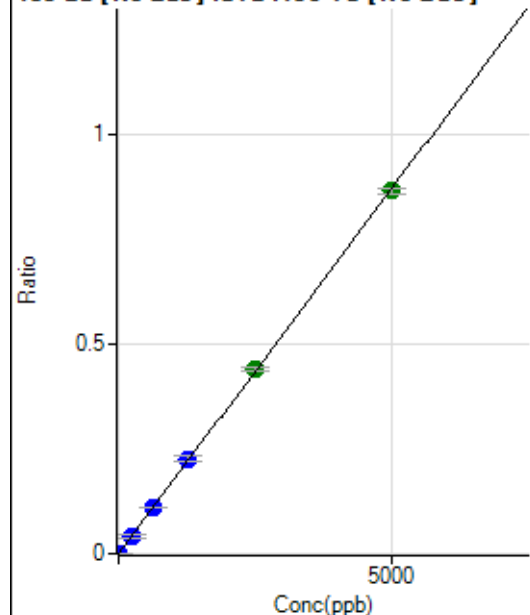
$$DL = 0.01493$$

$$BEC = 0.01175$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	89.2
2	☐	10.000	9.916	8819.74	0.0017	P	2.9
3	☐	250.000	237.259	223722.13	0.0413	P	16.2
4	☐	625.000	632.453	576005.64	0.1101	P	0.2
5	☐	1250.000	1304.701	1142870.37	0.2271	P	5.2
6	☐	2500.000	2525.294	2284687.42	0.4395	A	1.8
7	☐	5000.000	4973.383	4613844.81	0.8656	A	1.6
8	☐			2097.45	0.0004	P	7.8

$$y = 1.7405E-004 * x + 3.8083E-006$$

$$R = 0.9999$$

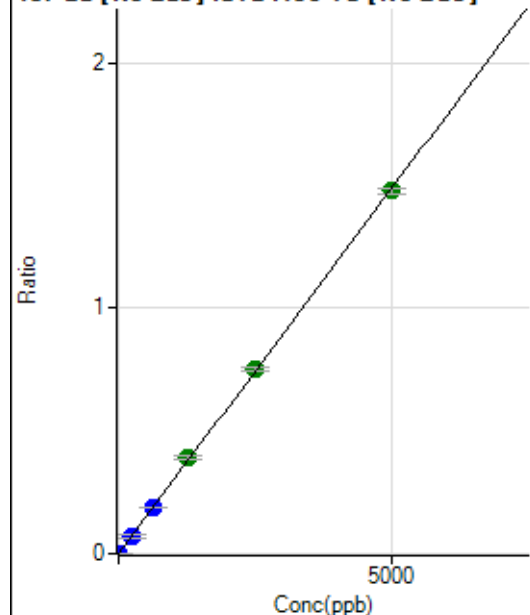
$$DL = 0.05858$$

$$BEC = 0.02188$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	41.8
2	☐	10.000	10.015	15245.03	0.0030	P	1.2
3	☐	250.000	238.218	383601.35	0.0709	P	17.4
4	☐	625.000	640.342	996961.79	0.1905	P	1.2
5	☐	1250.000	1312.328	1965556.14	0.3905	A	4.8
6	☐	2500.000	2528.293	3910375.78	0.7523	A	1.9
7	☐	5000.000	4968.943	7880474.48	1.4785	A	1.5
8	☐			3770.07	0.0007	P	5.5

$$y = 2.9754E-004 * x + 9.2029E-006$$

$$R = 0.9999$$

$$DL = 0.03879$$

$$BEC = 0.03093$$

Weight: <None>

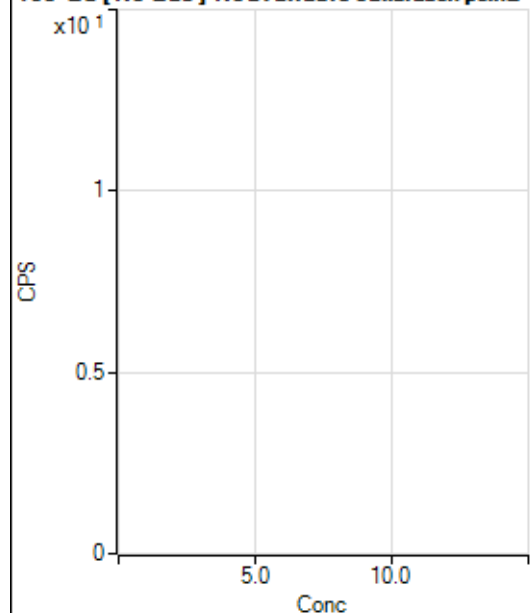
Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	173.2
2	☐			4.44		P	173.2
3	☐			17.78		P	114.6
4	☐			20.00		P	57.7
5	☐			71.11		P	39.0
6	☐			91.11		P	29.6
7	☐			166.67		P	4.0
8	☐			31.11		P	65.5

156 Dy [No Gas] No available calibration points

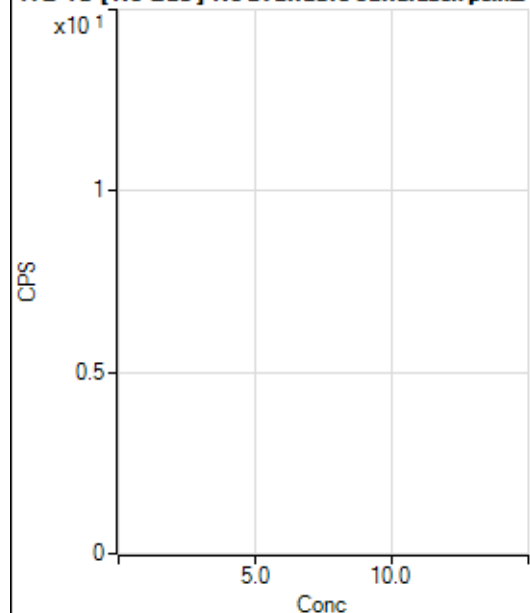
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.89		P	124.9
2	☐			13.89		P	124.9
3	☐			22.22		P	57.3
4	☐			47.22		P	53.9
5	☐			83.34		P	20.0
6	☐			133.34		P	12.5
7	☐			222.23		P	11.5
8	☐			1097.30		P	6.1

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

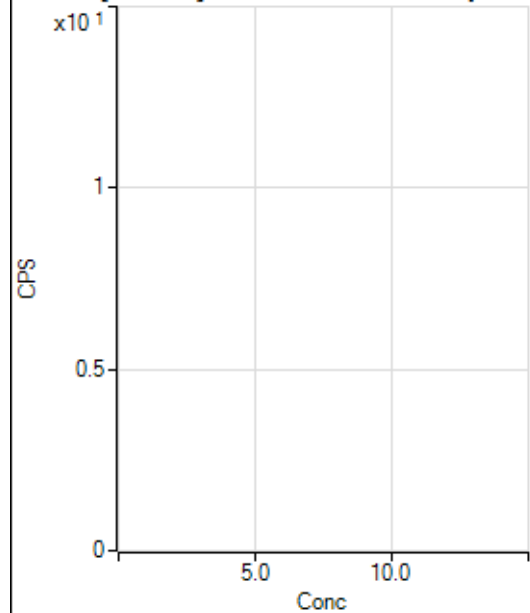
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			58.34		P	37.8
2	☐			38.89		P	32.7
3	☐			77.78		P	12.4
4	☐			77.78		P	43.3
5	☐			83.34		P	20.0
6	☐			147.23		P	38.5
7	☐			272.23		P	18.5
8	☐			1097.30		P	9.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			50.00		P	44.1
2	☐			13.89		P	91.6
3	☐			27.78		P	45.8
4	☐			41.67		P	34.6
5	☐			25.00		P	57.7
6	☐			58.33		P	NaN
7	☐			91.67		P	31.5
8	☐			163.90		P	15.5

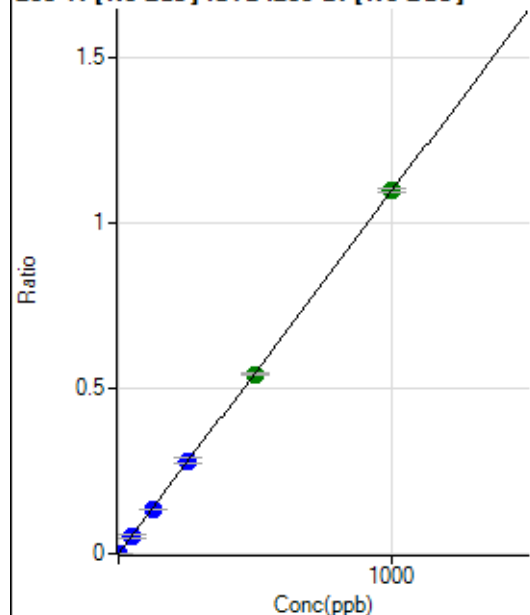
172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	17.3
2	☐			27.78		P	17.3
3	☐			16.67		P	50.0
4	☐			5.55		P	86.6
5	☐			16.67		P	86.6
6	☐			16.67		P	50.0
7	☐			11.11		P	43.3
8	☐			38.89		P	32.7

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			586.15		P	7.3
2	☐			533.36		P	3.1
3	☐			577.81		P	27.1
4	☐			541.69		P	6.2
5	☐			463.91		P	15.0
6	☐			522.24		P	7.4
7	☐			536.14		P	0.9
8	☐			519.47		P	6.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	411.13	0.0001	P	32.5
2	☐	1.000	0.909	3581.14	0.0011	P	5.3
3	☐	50.000	47.078	169147.59	0.0518	P	15.9
4	☐	125.000	123.215	440918.38	0.1353	P	0.7
5	☐	250.000	255.258	874806.13	0.2802	P	5.8
6	☐	500.000	495.575	1745008.87	0.5439	A	0.4
7	☐	1000.000	1001.267	3557237.45	1.0987	A	1.0
8	☐			1561.25	0.0005	P	9.6

$$y = 0.0011 * x + 1.2883E-004$$

$$R = 1.0000$$

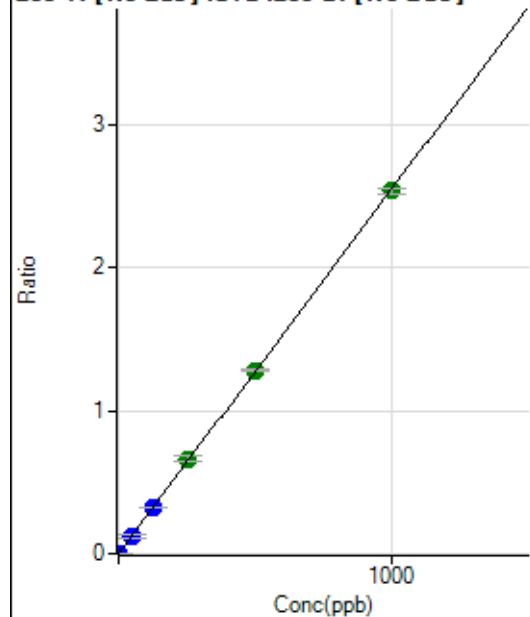
$$DL = 0.1144$$

$$BEC = 0.1174$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1027.85	0.0003	P	6.6
2	☐	1.000	0.970	8875.54	0.0028	P	4.2
3	☐	50.000	47.354	394903.91	0.1209	P	16.3
4	☐	125.000	125.622	1043582.36	0.3203	P	0.7
5	☐	250.000	259.560	2065130.32	0.6614	A	5.6
6	☐	500.000	503.897	4118490.54	1.2837	A	1.4
7	☐	1000.000	995.716	8212182.65	2.5363	A	1.6
8	☐			3542.26	0.0011	P	3.6

$$y = 0.0025 * x + 3.2240E-004$$

$$R = 0.9999$$

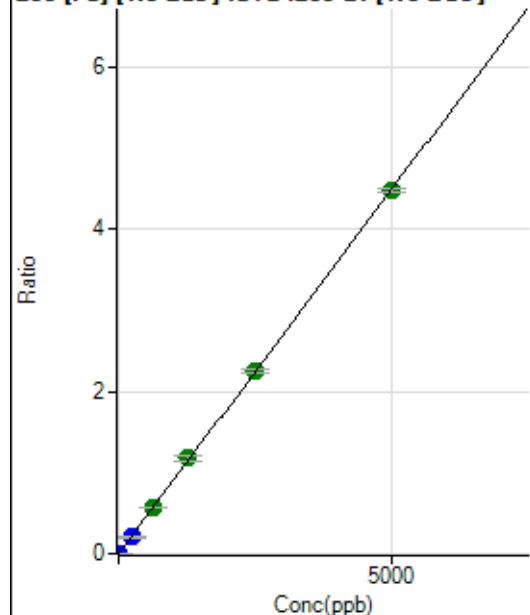
$$DL = 0.02507$$

$$BEC = 0.1266$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	466.69	0.0001	P	8.0
2	☐	1.000	0.944	3161.57	0.0010	P	3.4
3	☐	250.000	232.734	683750.68	0.2092	P	15.2
4	☐	625.000	637.103	1865402.89	0.5725	A	1.5
5	☐	1250.000	1307.293	3666470.57	1.1745	A	6.4
6	☐	2500.000	2505.234	7220700.57	2.2507	A	2.1
7	☐	5000.000	4982.410	14491987.13	4.4761	A	1.0
8	☐			16021.23	0.0051	P	1.7

$$y = 8.9835\text{E-}004 * x + 1.4639\text{E-}004$$

$$R = 0.9999$$

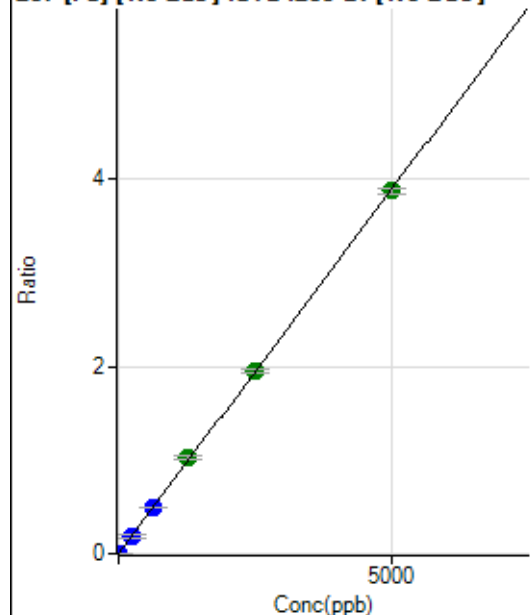
$$DL = 0.03894$$

$$BEC = 0.163$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	383.35	0.0001	P	17.9
2	☐	1.000	0.989	2828.15	0.0009	P	3.9
3	☐	250.000	236.599	601126.82	0.1841	P	16.7
4	☐	625.000	624.199	1582253.75	0.4856	P	0.0
5	☐	1250.000	1321.004	3208179.93	1.0275	A	5.7
6	☐	2500.000	2502.927	6245637.23	1.9467	A	1.5
7	☐	5000.000	4981.556	12543381.30	3.8744	A	1.7
8	☐			14087.46	0.0045	P	2.4

$$y = 7.7773\text{E-}004 * x + 1.2027\text{E-}004$$

$$R = 0.9999$$

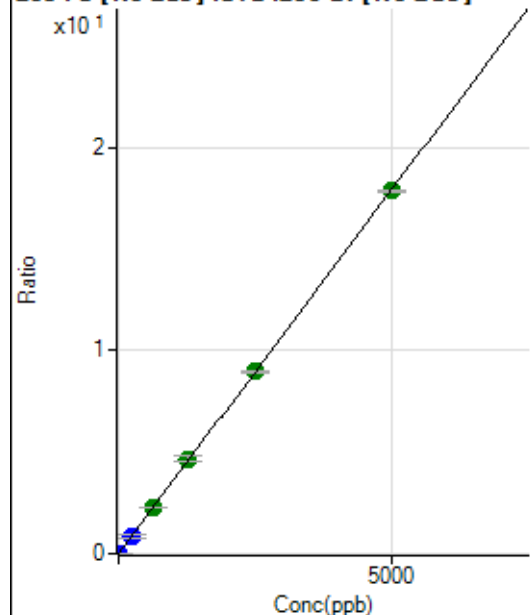
$$DL = 0.08293$$

$$BEC = 0.1546$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1855.64	0.0006	P	6.5
2	☐	1.000	0.961	12791.63	0.0040	P	2.9
3	☐	250.000	234.808	2746975.62	0.8412	P	16.4
4	☐	625.000	631.998	7374851.79	2.2633	A	0.4
5	☐	1250.000	1302.749	14565104.55	4.6647	A	5.7
6	☐	2500.000	2500.534	28723883.05	8.9530	A	1.4
7	☐	5000.000	4986.431	57802273.28	17.8530	A	0.7
8	☐			63854.70	0.0205	P	1.9

$$y = 0.0036 * x + 5.8216E-004$$

$$R = 0.9999$$

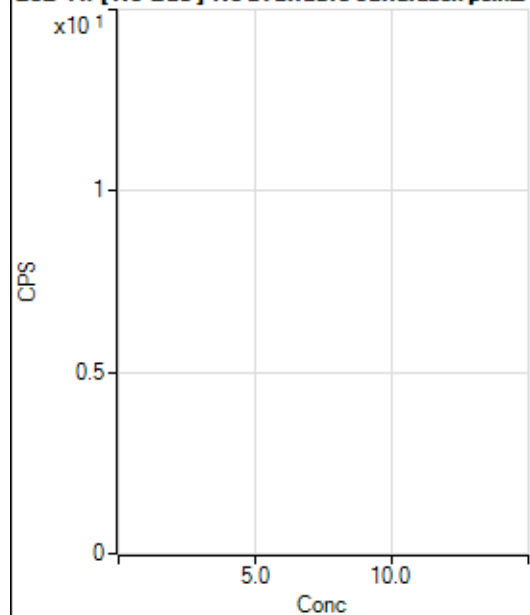
$$DL = 0.03149$$

$$BEC = 0.1626$$

Weight: <None>

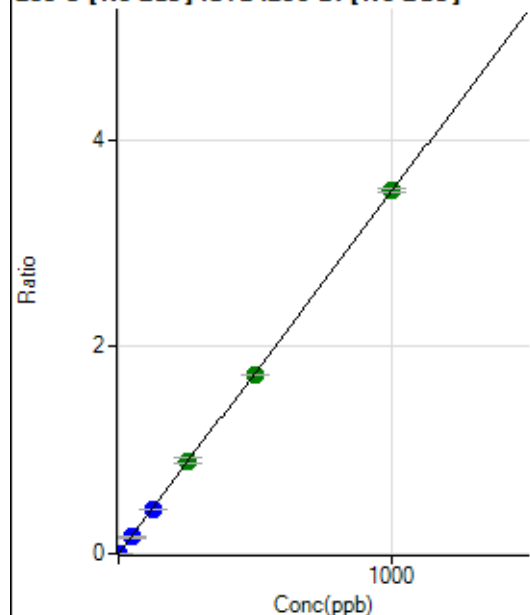
Min Conc: 0

232 Th [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			43.38		P	13.3
2	☐			30.03		P	66.7
3	☐			556480.29		P	6.8
4	☐			1465441.22		P	2.1
5	☐			3001732.64		A	0.5
6	☐			6036519.28		A	1.0
7	☐			12180161.19		A	1.3
8	☐			2235.85		P	18.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.9
2	☐	1.000	0.955	10646.40	0.0033	P	4.9
3	☐	50.000	46.465	531537.99	0.1627	P	15.9
4	☐	125.000	123.424	1408344.50	0.4322	P	1.3
5	☐	250.000	255.906	2797850.00	0.8962	A	6.0
6	☐	500.000	493.907	5549231.63	1.7296	A	0.9
7	☐	1000.000	1001.944	11360580.46	3.5087	A	1.0
8	☐			2755.92	0.0009	P	10.6

$$y = 0.0035 * x + 3.4857E-006$$

$$R = 0.9999$$

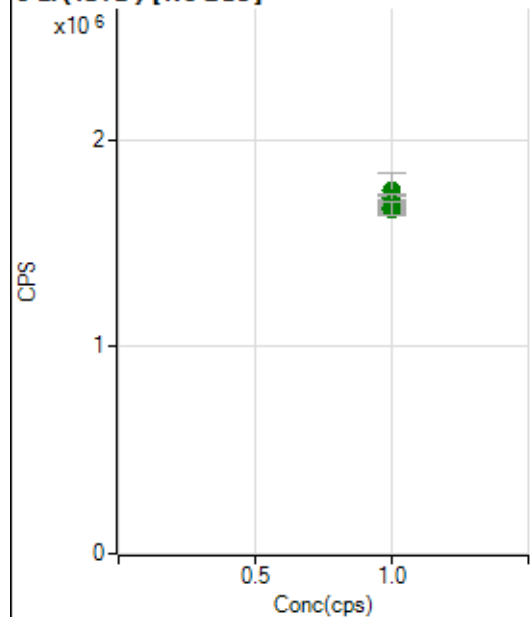
$$DL = 0.00343$$

$$BEC = 0.0009954$$

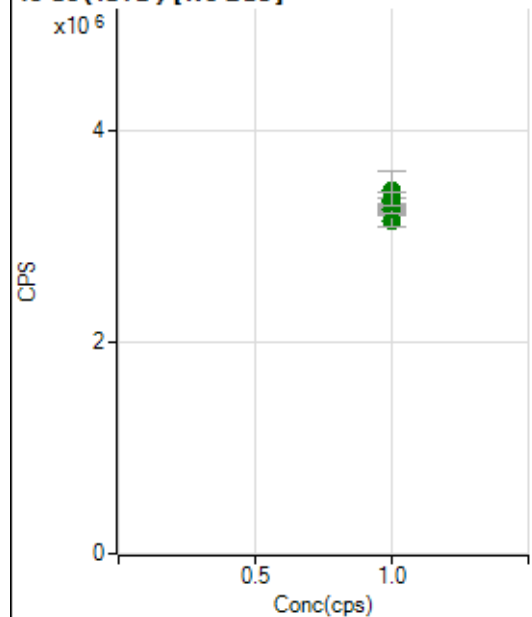
Weight: <None>

Min Conc: 0

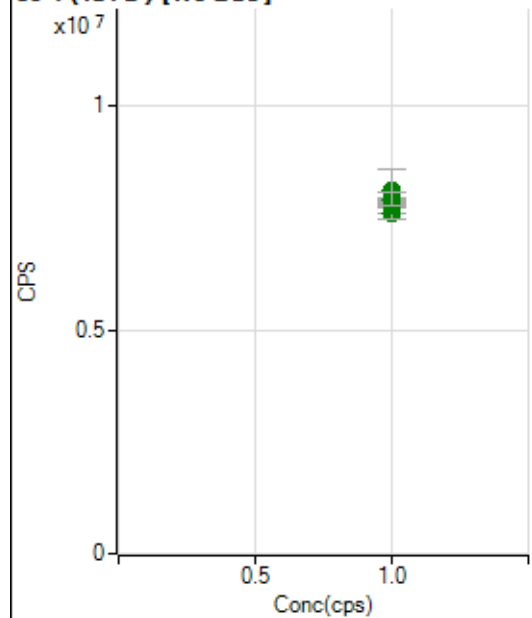
6 Li (ISTD) [No Gas]



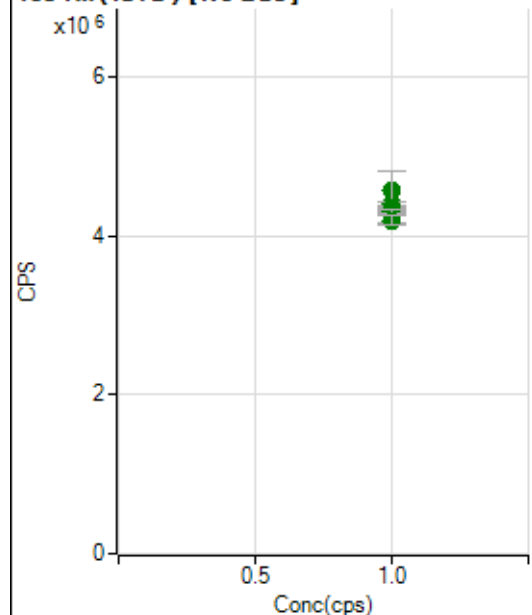
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1684361.86		A	1.3
2	☐	1.000		1660293.68		A	2.1
3	☐	1.000		1754542.45		A	9.4
4	☐	1.000		1721258.73		A	1.2
5	☐	1.000		1692527.17		A	5.2
6	☐	1.000		1673751.84		A	2.2
7	☐	1.000		1675494.08		A	1.5
8	☐	1.000		1667680.01		A	4.0

45 Sc (ISTD) [No Gas]

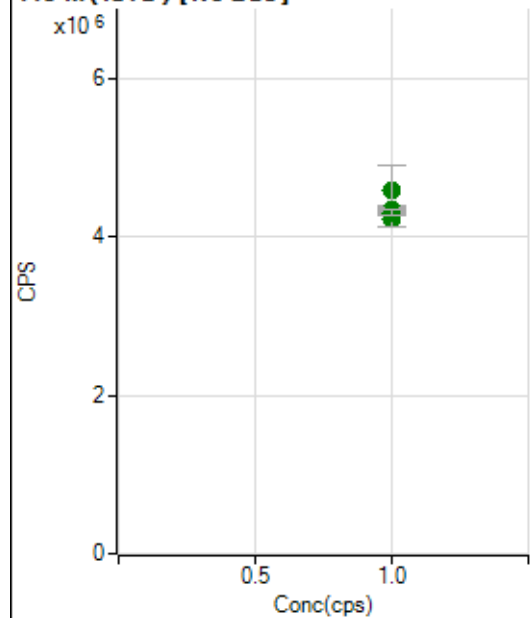
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3257713.63		A	1.9
2	☐	1.000		3230458.25		A	1.2
3	☐	1.000		3429905.57		A	11.4
4	☐	1.000		3285343.35		A	1.2
5	☐	1.000		3142086.41		A	3.8
6	☐	1.000		3262274.95		A	2.2
7	☐	1.000		3333959.60		A	1.4
8	☐	1.000		3349711.24		A	3.6

89 Y (ISTD) [No Gas]

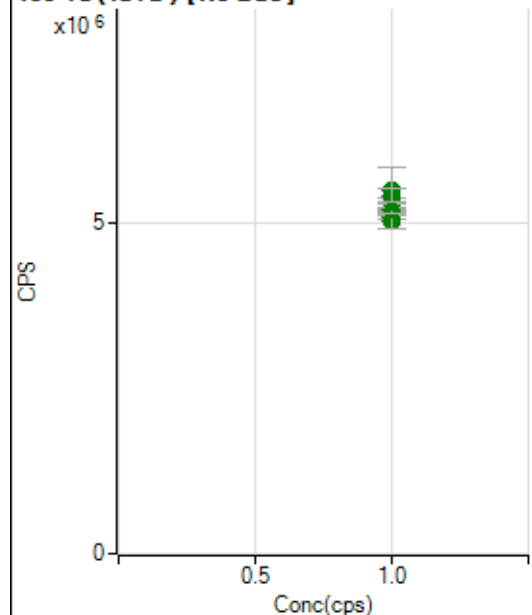
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7840550.37		A	1.3
2	☐	1.000		7874935.51		A	1.5
3	☐	1.000		8110900.78		A	12.0
4	☐	1.000		7824081.34		A	2.0
5	☐	1.000		7617430.09		A	3.4
6	☐	1.000		7802332.80		A	0.8
7	☐	1.000		7904403.15		A	0.7
8	☐	1.000		7923936.55		A	3.9

103 Rh (ISTD) [No Gas]

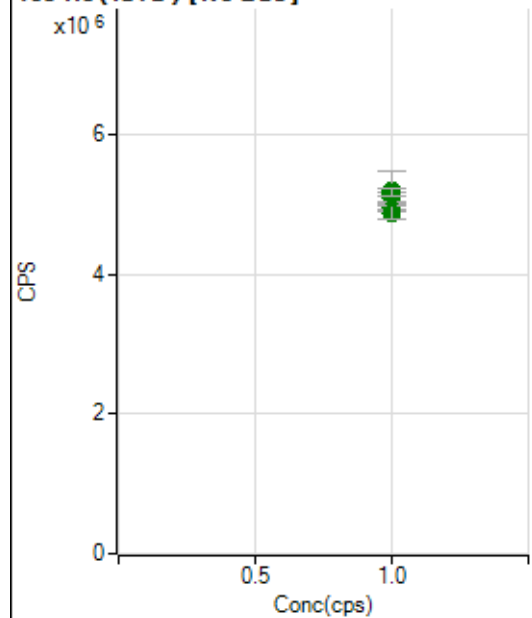
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4403543.07		A	1.4
2	☐	1.000		4342257.30		A	1.7
3	☐	1.000		4572914.73		A	11.3
4	☐	1.000		4369168.98		A	0.1
5	☐	1.000		4262258.39		A	4.6
6	☐	1.000		4307677.83		A	1.5
7	☐	1.000		4311968.15		A	1.0
8	☐	1.000		4194143.41		A	2.9

115 In (ISTD) [No Gas]

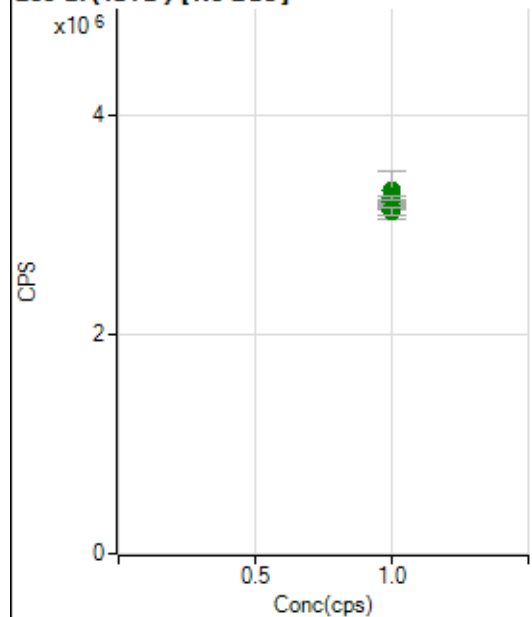
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4351962.35		A	1.4
2	☐	1.000		4300838.02		A	0.3
3	☐	1.000		4576140.11		A	13.7
4	☐	1.000		4325389.60		A	0.5
5	☐	1.000		4219133.27		A	4.6
6	☐	1.000		4341667.78		A	1.7
7	☐	1.000		4331073.61		A	1.9
8	☐	1.000		4297182.23		A	1.6

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5154437.77		A	1.6
2	☐	1.000		5099659.57		A	1.1
3	☐	1.000		5494010.51		A	13.0
4	☐	1.000		5232643.08		A	0.9
5	☐	1.000		5040469.13		A	4.4
6	☐	1.000		5199267.28		A	1.9
7	☐	1.000		5330987.46		A	1.7
8	☐	1.000		5427839.05		A	3.4

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4948626.37		A	1.0
2	☐	1.000		4906801.33		A	0.4
3	☐	1.000		5197671.38		A	10.7
4	☐	1.000		5010148.99		A	0.5
5	☐	1.000		4885819.42		A	4.1
6	☐	1.000		5091218.56		A	1.6
7	☐	1.000		5149587.96		A	0.7
8	☐	1.000		5178003.98		A	2.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3188188.56		A	0.5
2	☐	1.000		3180168.67		A	0.9
3	☐	1.000		3303755.82		A	10.6
4	☐	1.000		3258490.51		A	0.3
5	☐	1.000		3128232.21		A	5.0
6	☐	1.000		3208567.07		A	0.9
7	☐	1.000		3237721.13		A	0.8
8	☐	1.000		3118616.24		A	2.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\200.8 P8072321MS.b
Acq. Date-Time 2021-07-23 11:12:23
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		6310	63097.72			1.020	5.000
24		55717	557171.51			0.557	5.000
25		7419	74186.16			0.498	5.000
26		9038	90384.81			0.840	5.000
59		13044	130440.60			1.006	5.000
113		5706	57058.16			1.245	5.000
115		18124	181236.25			1.821	5.000
206		7354	73541.48			1.617	5.000
207		6107	61072.21			1.864	5.000
208		15177	151768.46			1.512	5.000
220		1	5.00			46.368	

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

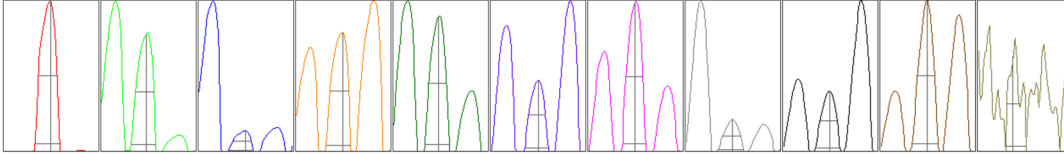
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	6369	6220	6268	6364	6328
24	55742	55178	55949	55858	55859
25	7402	7363	7438	7433	7457
26	9059	8931	9034	9026	9143
59	12916	12905	13055	13176	13169
113	5627	5640	5730	5736	5796
115	17592	18079	18316	18457	18175
206	7241	7223	7432	7381	7494
207	5996	5974	6203	6155	6208
208	14963	14920	15319	15231	15452

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	11437.38	9.00	8.90 - 9.10	
24	99233.16	23.95	23.90 - 24.10	
25	13488.06	25.00	24.90 - 25.10	
26	15445.89	26.00	25.90 - 26.10	
59	24358.64	58.95	58.90 - 59.10	
113	11370.71	113.05	112.90 - 113.10	
115	35890.93	115.00	114.90 - 115.10	
206	14111.64	206.00	205.90 - 206.10	
207	11723.55	207.00	206.90 - 207.10	
208	29327.35	208.00	207.90 - 208.10	
220	0.75	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.779	0.900	
24	0.60	0.777	0.900	
25	0.59	0.776	0.900	
26	0.61	0.778	0.900	
59	0.56	0.778	0.900	
113	0.53	0.732	0.900	
115	0.52	0.729	0.900	
206	0.55	0.800	0.900	
207	0.54	0.765	0.900	
208	0.54	0.821	0.900	
220	0.39	0.642		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.60 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.5 V	Deflect	15.8 V
Extract 2	-250.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-120 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.05		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	3.9 mV	Analog HV	2213 V	Pulse HV	1539 V
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LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:44:53	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.03	-0.05	0.08	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	135-1	-0.02	0.01	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	-0.25	0.42	-0.17	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.39	0.02	0.37	0.00	N/A	ppb
Cadmium	108-1	-0.23	0.34	-0.11	0.00	N/A	ppb
Cadmium	111-1	-0.03	-0.01	0.03	0.00	N/A	ppb
Calcium	43-1	0.20	0.34	-0.54	0.00	N/A	ppb
Calcium	44-1	-0.37	5.16	-4.79	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-1	-0.01	0.01	0.01	0.00	N/A	ppb
Copper	63-1	0.00	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	56-1	0.29	6.06	-6.35	0.00	N/A	ppb
Iron	57-1	2.34	-1.93	-0.40	0.00	N/A	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.04	-0.03	-0.02	0.00	N/A	ppb
Manganese	55-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:44:53	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	-0.01	0.00	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Phosphorus	31-1	2.89	0.21	-0.13	0.99	166.66	ppb
Potassium	39-1	-4.52	13.86	-9.35	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	0.36	0.03	-0.39	0.00	N/A	ppb
Silicon	28-1	-0.50	1.41	-0.91	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	23-1	-1.42	2.82	-1.40	0.00	N/A	ppb
Strontium	86-1	0.06	0.04	-0.10	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-357.88	946.60	-498.07	30.21	2636.81	ppb
Terbium	159-1				100		%
Thallium	203-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thorium	232-1						cps
Tin	118-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Titanium	47-1	0.01	-0.10	0.09	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.01	0.01	-0.02	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	-0.15	0.22	-0.07	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:47:59	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	23.44	23.12	23.75	23.44	1.35	ppb
Antimony	121-1	1.93	1.97	2.14	2.01	5.56	ppb
Arsenic	75-1	1.14	0.91	1.03	1.03	11.32	ppb
Barium	135-1	9.61	10.19	9.95	9.92	2.91	ppb
Barium	137-1	9.94	9.95	10.15	10.02	1.20	ppb
Beryllium	9-1	0.99	1.06	0.96	1.00	4.89	ppb
Bismuth	209-1				100		%
Boron	10-1	18.31	21.27	22.33	20.64	10.09	ppb
Bromine	81-1						cps
Cadmium	106-1	2.32	1.13	1.68	1.71	34.86	ppb
Cadmium	108-1	1.59	1.10	1.41	1.37	18.26	ppb
Cadmium	111-1	1.30	1.06	1.20	1.19	10.53	ppb
Calcium	43-1	496.59	478.00	496.93	490.51	2.21	ppb
Calcium	44-1	484.80	486.25	498.85	489.96	1.58	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.13	2.16	2.22	2.17	2.19	ppb
Cobalt	59-1	0.98	0.95	0.96	0.96	1.72	ppb
Copper	63-1	2.02	2.11	2.12	2.08	2.71	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				99		%
Iron	56-1	48.87	48.50	49.08	48.81	0.60	ppb
Iron	57-1	53.12	57.20	67.06	59.12	12.12	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.91	0.98	0.94	3.98	ppb
Lead	207-1	1.03	1.00	0.94	0.99	4.51	ppb
Lead	208-1	1.00	0.94	0.94	0.96	3.40	ppb
Lithium	6-1				99		%
Magnesium	24-1	490.45	480.47	496.05	488.99	1.61	ppb
Manganese	55-1	0.98	1.02	1.04	1.02	2.82	ppb
Molybdenum	94-1	4.72	4.91	4.82	4.81	1.96	ppb
Molybdenum	95-1	4.79	4.64	4.85	4.76	2.24	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:47:59	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	4.71	4.88	4.90	4.83	2.12	ppb
Molybdenum	97-1	5.02	5.20	4.83	5.02	3.65	ppb
Molybdenum	98-1	4.69	4.92	5.15	4.92	4.71	ppb
Neodymium	150-1						cps
Nickel	60-1	1.17	1.05	1.08	1.10	5.82	ppb
Phosphorus	31-1	0.31	-3.77	0.49	-0.99		ppb
Potassium	39-1	488.50	480.32	494.95	487.93	1.50	ppb
Rhodium	103-1				99		%
Scandium	45-1				99		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	4.29	8.19	3.78	5.42	44.47	ppb
Silicon	28-1	8.12	8.85	9.74	8.90	9.07	ppb
Silver	107-1	0.92	0.91	0.94	0.92	1.81	ppb
Silver	109-1	0.96	1.01	1.01	1.00	2.78	ppb
Sodium	23-1	507.64	498.69	516.09	507.48	1.71	ppb
Strontium	86-1	0.87	1.03	0.79	0.89	13.61	ppb
Strontium	88-1	0.98	0.99	0.98	0.98	0.53	ppb
Sulfur	34-1	-470.71	-190.25	570.32	-30.21		ppb
Terbium	159-1				99		%
Thallium	203-1	0.91	0.86	0.96	0.91	5.94	ppb
Thallium	205-1	0.92	0.97	1.02	0.97	4.79	ppb
Thorium	232-1						cps
Tin	118-1	5.14	4.80	5.04	5.00	3.50	ppb
Titanium	47-1	5.55	4.97	5.56	5.36	6.27	ppb
Uranium	238-1	0.90	1.00	0.97	0.96	4.87	ppb
Vanadium	51-1	4.95	5.17	5.24	5.12	2.98	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	2.38	2.18	2.23	2.26	4.68	ppb
Zirconium	90-1	0.98	0.96	0.96	0.97	0.84	ppb
Zirconium	91-1	0.89	1.02	1.03	0.98	7.74	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:51:02	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	836.56	1020.87	1119.95	992.46	14.49	ppb
Antimony	121-1	37.65	49.69	54.38	47.24	18.27	ppb
Arsenic	75-1	37.62	50.74	56.65	48.33	20.15	ppb
Barium	135-1	194.35	249.19	268.24	237.26	16.17	ppb
Barium	137-1	192.32	249.07	273.26	238.22	17.44	ppb
Beryllium	9-1	40.28	50.78	54.04	48.37	14.87	ppb
Bismuth	209-1				104		%
Boron	10-1	32.53	47.97	53.77	44.75	24.53	ppb
Bromine	81-1						cps
Cadmium	106-1	38.65	51.33	53.46	47.81	16.75	ppb
Cadmium	108-1	38.59	48.05	52.47	46.37	15.29	ppb
Cadmium	111-1	39.12	50.70	55.46	48.43	17.35	ppb
Calcium	43-1	3976.70	5187.20	5613.25	4925.72	17.24	ppb
Calcium	44-1	3859.52	5045.27	5572.32	4825.70	18.18	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	40.04	50.16	54.40	48.20	15.31	ppb
Cobalt	59-1	39.49	50.90	54.54	48.31	16.25	ppb
Copper	63-1	409.59	523.05	563.67	498.77	16.01	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				105		%
Iron	56-1	1934.79	2508.11	2791.41	2411.44	18.10	ppb
Iron	57-1	2045.98	2655.57	2915.84	2539.13	17.58	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	194.23	239.94	264.03	232.73	15.23	ppb
Lead	207-1	193.24	246.13	270.43	236.60	16.68	ppb
Lead	208-1	192.88	243.12	268.42	234.81	16.38	ppb
Lithium	6-1				104		%
Magnesium	24-1	3943.03	5088.38	5499.20	4843.54	16.65	ppb
Manganese	55-1	397.35	500.63	543.56	480.51	15.64	ppb
Molybdenum	94-1	198.53	246.56	279.97	241.69	16.94	ppb
Molybdenum	95-1	199.14	250.50	278.57	242.74	16.59	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:51:02	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	196.47	251.77	272.21	240.15	16.32	ppb
Molybdenum	97-1	198.39	249.23	276.04	241.22	16.35	ppb
Molybdenum	98-1	198.52	250.45	283.21	244.06	17.50	ppb
Neodymium	150-1						cps
Nickel	60-1	40.19	50.35	53.84	48.13	14.73	ppb
Phosphorus	31-1	822.01	1064.40	1154.98	1013.80	16.98	ppb
Potassium	39-1	1833.70	2526.65	2728.90	2363.08	19.87	ppb
Rhodium	103-1				104		%
Scandium	45-1				105		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	37.65	48.72	56.03	47.46	19.50	ppb
Silicon	28-1	47.84	54.67	68.06	56.86	18.09	ppb
Silver	107-1	38.66	50.76	55.33	48.25	17.85	ppb
Silver	109-1	38.56	50.20	55.58	48.11	18.08	ppb
Sodium	23-1	3972.36	5126.17	5529.56	4876.03	16.57	ppb
Strontium	86-1	393.02	503.22	559.74	485.32	17.47	ppb
Strontium	88-1	391.06	493.78	544.77	476.54	16.43	ppb
Sulfur	34-1	-4169.29	671.30	2299.65	-399.45		ppb
Terbium	159-1				107		%
Thallium	203-1	38.82	49.01	53.41	47.08	15.90	ppb
Thallium	205-1	38.94	48.99	54.12	47.35	16.31	ppb
Thorium	232-1						cps
Tin	118-1	38.20	50.19	55.04	47.81	18.13	ppb
Titanium	47-1	194.96	258.16	274.19	242.44	17.28	ppb
Uranium	238-1	38.36	48.27	52.76	46.47	15.85	ppb
Vanadium	51-1	39.58	51.43	53.65	48.22	15.69	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				103		%
Zinc	66-1	400.05	517.60	568.29	495.32	17.42	ppb
Zirconium	90-1	39.37	49.52	54.53	47.81	16.16	ppb
Zirconium	91-1	38.93	48.02	54.36	47.10	16.47	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:54:07 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2536.99	2542.25	2534.32	2537.85	0.16	ppb
Antimony	121-1	125.15	127.69	128.38	127.07	1.34	ppb
Arsenic	75-1	123.52	128.97	129.28	127.26	2.55	ppb
Barium	135-1	631.49	633.82	632.05	632.45	0.19	ppb
Barium	137-1	639.15	633.03	648.84	640.34	1.24	ppb
Beryllium	9-1	124.22	127.37	127.18	126.25	1.40	ppb
Bismuth	209-1				102		%
Boron	10-1	107.60	118.51	130.49	118.87	9.63	ppb
Bromine	81-1						cps
Cadmium	106-1	128.50	131.45	124.61	128.19	2.68	ppb
Cadmium	108-1	130.46	123.77	130.76	128.33	3.08	ppb
Cadmium	111-1	126.97	129.36	129.89	128.74	1.21	ppb
Calcium	43-1	13208.19	13037.33	13009.63	13085.05	0.82	ppb
Calcium	44-1	13014.27	12729.69	12856.25	12866.74	1.11	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	131.03	126.93	127.42	128.46	1.74	ppb
Cobalt	59-1	129.23	129.49	127.31	128.68	0.93	ppb
Copper	63-1	1308.26	1284.31	1280.69	1291.09	1.16	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				99		%
Iron	56-1	6589.15	6524.63	6304.72	6472.84	2.30	ppb
Iron	57-1	6681.04	6710.51	6594.27	6661.94	0.91	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	633.65	648.06	629.60	637.10	1.52	ppb
Lead	207-1	624.25	624.01	624.33	624.20	0.03	ppb
Lead	208-1	634.36	632.58	629.06	632.00	0.43	ppb
Lithium	6-1				102		%
Magnesium	24-1	12625.53	12829.36	12409.31	12621.40	1.66	ppb
Manganese	55-1	1298.90	1283.36	1247.14	1276.46	2.08	ppb
Molybdenum	94-1	617.17	646.60	654.80	639.52	3.09	ppb
Molybdenum	95-1	619.15	645.17	649.21	637.84	2.56	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:54:07	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	629.88	642.42	648.37	640.22	1.47	ppb
Molybdenum	97-1	636.69	653.59	655.10	648.46	1.58	ppb
Molybdenum	98-1	635.81	642.69	641.49	640.00	0.57	ppb
Neodymium	150-1						cps
Nickel	60-1	127.86	125.15	123.79	125.60	1.65	ppb
Phosphorus	31-1	2778.54	2655.72	2674.90	2703.05	2.44	ppb
Potassium	39-1	6349.55	6202.42	6208.80	6253.59	1.33	ppb
Rhodium	103-1				99		%
Scandium	45-1				101		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	126.25	127.09	129.70	127.68	1.41	ppb
Silicon	28-1	138.52	150.57	158.49	149.19	6.74	ppb
Silver	107-1	127.48	130.60	130.77	129.61	1.43	ppb
Silver	109-1	128.95	129.76	131.14	129.95	0.85	ppb
Sodium	23-1	12970.67	12936.66	12516.23	12807.85	1.98	ppb
Strontium	86-1	1261.63	1262.67	1306.08	1276.80	1.99	ppb
Strontium	88-1	1261.19	1251.04	1263.66	1258.63	0.53	ppb
Sulfur	34-1	2771.00	2259.01	1592.16	2207.39	26.78	ppb
Terbium	159-1				102		%
Thallium	203-1	122.19	123.63	123.82	123.21	0.73	ppb
Thallium	205-1	125.33	126.63	124.91	125.62	0.72	ppb
Thorium	232-1						cps
Tin	118-1	125.76	127.94	129.83	127.84	1.59	ppb
Titanium	47-1	654.61	651.74	639.01	648.45	1.28	ppb
Uranium	238-1	121.93	125.16	123.18	123.42	1.32	ppb
Vanadium	51-1	130.33	126.40	126.46	127.73	1.76	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	1338.01	1311.78	1298.98	1316.25	1.51	ppb
Zirconium	90-1	125.19	128.98	128.26	127.48	1.58	ppb
Zirconium	91-1	122.65	124.99	127.88	125.17	2.10	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:57:10 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5172.54	5204.82	5743.53	5373.63	5.97	ppb
Antimony	121-1	252.60	255.73	279.01	262.45	5.50	ppb
Arsenic	75-1	251.74	255.25	274.43	260.48	4.69	ppb
Barium	135-1	1258.26	1273.85	1381.99	1304.70	5.16	ppb
Barium	137-1	1281.44	1271.12	1384.43	1312.33	4.77	ppb
Beryllium	9-1	247.04	247.32	269.72	254.69	5.11	ppb
Bismuth	209-1				98		%
Boron	10-1	207.13	239.70	281.39	242.74	15.34	ppb
Bromine	81-1						cps
Cadmium	106-1	250.19	259.68	277.12	262.33	5.21	ppb
Cadmium	108-1	261.14	251.73	285.63	266.17	6.57	ppb
Cadmium	111-1	256.48	258.90	279.33	264.90	4.74	ppb
Calcium	43-1	26528.39	26374.35	28649.82	27184.19	4.68	ppb
Calcium	44-1	25479.65	25962.12	27552.46	26331.41	4.12	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	269.00	261.99	292.70	274.57	5.86	ppb
Cobalt	59-1	266.32	254.80	282.24	267.79	5.14	ppb
Copper	63-1	2634.17	2597.62	2840.07	2690.62	4.86	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				97		%
Iron	56-1	13145.32	12901.62	14132.51	13393.15	4.87	ppb
Iron	57-1	13520.81	13197.03	14555.44	13757.76	5.16	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1257.26	1260.00	1404.62	1307.29	6.45	ppb
Lead	207-1	1274.24	1280.14	1408.63	1321.00	5.75	ppb
Lead	208-1	1259.28	1261.19	1387.77	1302.75	5.65	ppb
Lithium	6-1				100		%
Magnesium	24-1	26295.41	25859.09	27259.44	26471.31	2.71	ppb
Manganese	55-1	2589.05	2573.72	2794.19	2652.32	4.64	ppb
Molybdenum	94-1	1259.56	1273.36	1339.45	1290.79	3.31	ppb
Molybdenum	95-1	1288.43	1274.84	1372.55	1311.94	4.03	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:57:10 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	1283.27	1268.02	1377.57	1309.62	4.53	ppb
Molybdenum	97-1	1297.92	1298.22	1373.16	1323.10	3.28	ppb
Molybdenum	98-1	1297.18	1288.38	1369.03	1318.20	3.36	ppb
Neodymium	150-1						cps
Nickel	60-1	257.30	253.36	271.88	260.85	3.74	ppb
Phosphorus	31-1	5220.74	5273.51	5691.96	5395.40	4.79	ppb
Potassium	39-1	12815.16	12872.66	13881.28	13189.70	4.55	ppb
Rhodium	103-1				97		%
Scandium	45-1				96		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	249.67	257.93	269.88	259.16	3.92	ppb
Silicon	28-1	222.06	243.31	286.81	250.73	13.16	ppb
Silver	107-1	251.70	260.04	274.88	262.21	4.48	ppb
Silver	109-1	256.30	257.43	281.97	265.23	5.47	ppb
Sodium	23-1	26749.60	25966.73	28367.48	27027.94	4.53	ppb
Strontium	86-1	2580.52	2536.42	2692.97	2603.30	3.10	ppb
Strontium	88-1	2526.92	2512.26	2709.00	2582.73	4.24	ppb
Sulfur	34-1	4684.01	5110.26	7131.91	5642.06	23.18	ppb
Terbium	159-1				98		%
Thallium	203-1	243.45	250.31	272.01	255.26	5.84	ppb
Thallium	205-1	249.02	253.45	276.21	259.56	5.62	ppb
Thorium	232-1						cps
Tin	118-1	255.45	259.39	280.56	265.13	5.09	ppb
Titanium	47-1	1301.74	1332.81	1428.00	1354.18	4.86	ppb
Uranium	238-1	243.75	250.93	273.04	255.91	5.96	ppb
Vanadium	51-1	262.07	263.63	288.46	271.39	5.46	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	2624.11	2650.31	2861.89	2712.10	4.81	ppb
Zirconium	90-1	251.56	252.34	273.36	259.09	4.77	ppb
Zirconium	91-1	247.45	250.16	266.85	254.82	4.12	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:00:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10057.01	9779.13	10475.12	10103.76	3.47	ppb
Antimony	121-1	515.55	506.69	497.68	506.64	1.76	ppb
Arsenic	75-1	502.84	502.38	504.96	503.39	0.27	ppb
Barium	135-1	2578.37	2496.65	2500.86	2525.29	1.82	ppb
Barium	137-1	2583.63	2508.68	2492.58	2528.29	1.92	ppb
Beryllium	9-1	506.87	488.69	506.39	500.65	2.07	ppb
Bismuth	209-1				101		%
Boron	10-1	459.55	499.71	550.33	503.20	9.04	ppb
Bromine	81-1						cps
Cadmium	106-1	531.12	503.16	514.77	516.35	2.72	ppb
Cadmium	108-1	515.89	506.36	503.82	508.69	1.25	ppb
Cadmium	111-1	520.64	506.56	506.17	511.12	1.61	ppb
Calcium	43-1	52122.24	51141.42	52906.51	52056.72	1.70	ppb
Calcium	44-1	50285.26	49710.43	51096.68	50364.12	1.38	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	512.66	501.54	512.45	508.88	1.25	ppb
Cobalt	59-1	508.47	500.96	511.63	507.02	1.08	ppb
Copper	63-1	5200.08	5088.68	5114.55	5134.44	1.14	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				100		%
Iron	56-1	25758.27	25155.60	25905.17	25606.34	1.55	ppb
Iron	57-1	25695.54	25401.45	26288.34	25795.11	1.75	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2475.76	2564.60	2475.34	2505.23	2.05	ppb
Lead	207-1	2479.89	2545.94	2482.96	2502.93	1.49	ppb
Lead	208-1	2474.14	2541.54	2485.92	2500.53	1.44	ppb
Lithium	6-1				99		%
Magnesium	24-1	50254.42	49967.77	52328.31	50850.17	2.53	ppb
Manganese	55-1	5170.51	4923.14	5153.04	5082.23	2.72	ppb
Molybdenum	94-1	2523.56	2503.13	2525.86	2517.52	0.50	ppb
Molybdenum	95-1	2525.81	2529.84	2490.24	2515.30	0.87	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:00:16	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2514.36	2540.95	2483.82	2513.04	1.14	ppb
Molybdenum	97-1	2596.93	2505.30	2479.23	2527.16	2.45	ppb
Molybdenum	98-1	2537.99	2488.14	2483.35	2503.16	1.21	ppb
Neodymium	150-1						cps
Nickel	60-1	501.16	486.34	499.67	495.72	1.65	ppb
Phosphorus	31-1	10323.47	9901.18	10311.24	10178.63	2.36	ppb
Potassium	39-1	24933.39	24423.75	25796.74	25051.29	2.77	ppb
Rhodium	103-1				98		%
Scandium	45-1				100		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	512.59	508.62	506.26	509.16	0.63	ppb
Silicon	28-1	467.37	491.14	534.41	497.64	6.83	ppb
Silver	107-1	514.33	514.92	507.53	512.26	0.80	ppb
Silver	109-1	517.99	517.90	502.40	512.77	1.75	ppb
Sodium	23-1	51313.46	50805.70	51216.16	51111.77	0.53	ppb
Strontium	86-1	5066.59	5006.78	5008.60	5027.32	0.68	ppb
Strontium	88-1	5032.05	4933.69	5024.31	4996.68	1.09	ppb
Sulfur	34-1	10033.27	8431.07	10520.01	9661.45	11.31	ppb
Terbium	159-1				101		%
Thallium	203-1	497.76	495.21	493.76	495.58	0.41	ppb
Thallium	205-1	501.16	511.64	498.89	503.90	1.35	ppb
Thorium	232-1						cps
Tin	118-1	513.78	497.25	510.04	507.02	1.71	ppb
Titanium	47-1	2573.49	2506.99	2600.15	2560.21	1.87	ppb
Uranium	238-1	491.79	499.28	490.65	493.91	0.95	ppb
Vanadium	51-1	515.52	500.01	511.88	509.14	1.59	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	5122.64	5084.78	5196.64	5134.69	1.11	ppb
Zirconium	90-1	497.03	501.85	508.75	502.54	1.17	ppb
Zirconium	91-1	494.92	499.99	506.55	500.49	1.17	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:03:19 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20445.51	20400.32	19971.68	20272.50	1.29	ppb
Antimony	121-1	988.69	1005.93	985.72	993.45	1.10	ppb
Arsenic	75-1	986.20	1005.29	994.96	995.49	0.96	ppb
Barium	135-1	5057.60	4957.01	4905.54	4973.38	1.56	ppb
Barium	137-1	5032.24	4988.65	4885.93	4968.94	1.51	ppb
Beryllium	9-1	985.96	1018.85	990.47	998.43	1.79	ppb
Bismuth	209-1				102		%
Boron	10-1	909.94	1036.19	1057.93	1001.35	7.98	ppb
Bromine	81-1						cps
Cadmium	106-1	992.46	987.15	985.74	988.45	0.36	ppb
Cadmium	108-1	1008.44	1000.05	965.63	991.38	2.29	ppb
Cadmium	111-1	1008.74	982.97	979.26	990.32	1.62	ppb
Calcium	43-1	105112.89	105637.47	102416.92	104389.09	1.66	ppb
Calcium	44-1	100599.48	102413.74	98531.36	100514.86	1.93	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1002.35	976.24	988.64	989.08	1.32	ppb
Cobalt	59-1	997.71	994.47	982.83	991.67	0.79	ppb
Copper	63-1	10117.48	9838.04	9684.63	9880.05	2.22	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				100		%
Iron	56-1	50809.82	49467.82	49801.72	50026.46	1.40	ppb
Iron	57-1	51356.49	51248.21	50321.91	50975.54	1.12	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4925.19	5011.83	5010.21	4982.41	0.99	ppb
Lead	207-1	4905.91	5069.34	4969.42	4981.56	1.65	ppb
Lead	208-1	4943.45	5006.38	5009.46	4986.43	0.75	ppb
Lithium	6-1				99		%
Magnesium	24-1	99402.42	98316.32	100677.36	99465.37	1.19	ppb
Manganese	55-1	10052.43	9877.56	9825.41	9918.47	1.20	ppb
Molybdenum	94-1	4947.90	4891.11	5099.92	4979.64	2.17	ppb
Molybdenum	95-1	4875.24	4961.94	5089.70	4975.63	2.17	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:03:19 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	4902.02	4949.58	5079.89	4977.16	1.85	ppb
Molybdenum	97-1	4889.92	4914.32	5092.72	4965.65	2.23	ppb
Molybdenum	98-1	4908.53	4969.71	5061.14	4979.79	1.54	ppb
Neodymium	150-1						cps
Nickel	60-1	1008.86	1005.85	983.63	999.44	1.38	ppb
Phosphorus	31-1	20079.47	19727.03	19550.79	19785.76	1.36	ppb
Potassium	39-1	49321.41	49715.20	49947.05	49661.22	0.64	ppb
Rhodium	103-1				98		%
Scandium	45-1				102		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	983.46	1000.89	994.41	992.92	0.89	ppb
Silicon	28-1	945.09	1008.70	1039.14	997.64	4.81	ppb
Silver	107-1	1003.14	999.15	968.69	990.33	1.90	ppb
Silver	109-1	985.60	1003.22	979.03	989.29	1.26	ppb
Sodium	23-1	100296.67	98925.90	99989.82	99737.46	0.72	ppb
Strontium	86-1	9942.07	9939.02	9992.61	9957.90	0.30	ppb
Strontium	88-1	9997.67	9890.55	10054.99	9981.07	0.84	ppb
Sulfur	34-1	21298.84	19848.89	19198.19	20115.31	5.35	ppb
Terbium	159-1				103		%
Thallium	203-1	991.23	1002.33	1010.25	1001.27	0.95	ppb
Thallium	205-1	984.87	988.08	1014.20	995.72	1.62	ppb
Thorium	232-1						cps
Tin	118-1	994.59	1006.05	976.73	992.46	1.49	ppb
Titanium	47-1	4999.48	4938.59	4885.81	4941.29	1.15	ppb
Uranium	238-1	1012.57	991.76	1001.50	1001.94	1.04	ppb
Vanadium	51-1	994.28	987.67	987.54	989.83	0.39	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	10057.79	9803.05	9753.90	9871.58	1.65	ppb
Zirconium	90-1	991.36	997.07	1000.34	996.26	0.46	ppb
Zirconium	91-1	1003.66	992.75	999.61	998.68	0.55	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:06:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	94673.96	100300.99	104771.76	99915.57	5.06	ppb
Antimony	121-1	0.93	0.85	0.98	0.92	7.44	ppb
Arsenic	75-1	0.46	0.48	0.46	0.47	1.88	ppb
Barium	135-1	2.35	2.01	2.24	2.20	7.85	ppb
Barium	137-1	2.42	2.17	2.32	2.30	5.55	ppb
Beryllium	9-1	0.25	0.20	0.17	0.21	19.29	ppb
Bismuth	209-1				98		%
Boron	10-1	159.66	150.20	142.06	150.64	5.85	ppb
Bromine	81-1						cps
Cadmium	106-1	2.20	-0.76	-1.01	0.14	1258.14	ppb
Cadmium	108-1	1.03	1.64	1.61	1.43	24.01	ppb
Cadmium	111-1	0.49	0.28	0.17	0.31	52.37	ppb
Calcium	43-1	478058.00	503784.01	514538.27	498793.43	3.76	ppb
Calcium	44-1	479515.24	506881.45	512963.20	499786.63	3.56	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	3.32	3.42	3.63	3.46	4.57	ppb
Cobalt	59-1	1.69	1.70	1.75	1.71	1.84	ppb
Copper	63-1	7.37	7.43	7.43	7.41	0.44	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				99		%
Iron	56-1	241365.74	249179.89	259108.57	249884.73	3.56	ppb
Iron	57-1	239368.26	249549.86	260037.28	249651.80	4.14	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	5.65	5.45	5.57	5.56	1.74	ppb
Lead	207-1	5.74	5.72	5.49	5.65	2.44	ppb
Lead	208-1	5.68	5.47	5.52	5.56	1.96	ppb
Lithium	6-1				99		%
Magnesium	24-1	480671.79	506471.73	512697.14	499946.88	3.40	ppb
Manganese	55-1	8.83	8.85	8.91	8.86	0.45	ppb
Molybdenum	94-1	1.91	1.66	1.68	1.75	7.88	ppb
Molybdenum	95-1	1.91	1.74	1.61	1.75	8.34	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:06:25	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2.15	1.86	1.82	1.94	9.18	ppb
Molybdenum	97-1	1.85	1.67	1.48	1.67	11.35	ppb
Molybdenum	98-1	1.89	1.72	1.68	1.76	6.18	ppb
Neodymium	150-1						cps
Nickel	60-1	3.27	3.28	3.54	3.36	4.48	ppb
Phosphorus	31-1	4.23	3.21	5.61	4.35	27.63	ppb
Potassium	39-1	240050.37	250892.44	259145.53	250029.45	3.83	ppb
Rhodium	103-1				95		%
Scandium	45-1				103		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	-3.66	-0.20	0.38	-1.16		ppb
Silicon	28-1	161.65	201.26	214.18	192.36	14.23	ppb
Silver	107-1	0.41	0.40	0.35	0.38	8.43	ppb
Silver	109-1	0.44	0.34	0.40	0.39	12.18	ppb
Sodium	23-1	470633.05	507878.54	520988.82	499833.47	5.23	ppb
Strontium	86-1	4.18	4.23	4.14	4.18	1.06	ppb
Strontium	88-1	4.31	4.11	4.15	4.19	2.59	ppb
Sulfur	34-1	-5174.04	-4353.48	-3271.30	-4266.27		ppb
Terbium	159-1				105		%
Thallium	203-1	0.39	0.30	0.33	0.34	12.95	ppb
Thallium	205-1	0.34	0.31	0.31	0.32	5.07	ppb
Thorium	232-1						cps
Tin	118-1	0.67	0.45	0.61	0.57	19.52	ppb
Titanium	47-1	1.53	1.16	1.22	1.30	15.37	ppb
Uranium	238-1	0.27	0.26	0.22	0.25	10.64	ppb
Vanadium	51-1	0.46	0.41	0.41	0.43	7.72	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	17.07	17.86	18.39	17.77	3.73	ppb
Zirconium	90-1	0.29	0.34	0.30	0.31	8.48	ppb
Zirconium	91-1	0.37	0.27	0.36	0.33	15.91	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:17:56	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	485.06	494.99	544.28	508.11	6.24	ppb
Antimony	121-1	195.00	199.19	213.47	202.56	4.78	ppb
Arsenic	75-1	201.08	203.31	230.50	211.63	7.74	ppb
Barium	135-1	96.71	99.76	110.41	102.29	7.03	ppb
Barium	137-1	101.31	102.40	111.83	105.18	5.50	ppb
Beryllium	9-1	99.93	101.03	109.19	103.38	4.89	ppb
Bismuth	209-1				102		%
Boron	10-1	484.77	574.14	664.06	574.32	15.61	ppb
Bromine	81-1						cps
Cadmium	106-1	85.39	92.61	97.69	91.90	6.73	ppb
Cadmium	108-1	113.84	106.65	114.98	111.82	4.04	ppb
Cadmium	111-1	100.33	101.54	115.28	105.72	7.85	ppb
Calcium	43-1	4586.46	4777.37	5201.19	4855.01	6.48	ppb
Calcium	44-1	3281.86	3370.10	3717.39	3456.45	6.66	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	97.91	101.48	112.56	103.99	7.35	ppb
Cobalt	59-1	100.41	103.27	112.69	105.46	6.09	ppb
Copper	63-1	103.50	105.42	116.41	108.44	6.42	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				100		%
Iron	56-1	1937.28	1943.77	2218.55	2033.20	7.90	ppb
Iron	57-1	2002.12	2021.05	2278.08	2100.42	7.34	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	198.08	195.33	225.74	206.38	8.15	ppb
Lead	207-1	190.49	192.00	218.61	200.37	7.90	ppb
Lead	208-1	192.75	193.99	220.11	202.28	7.64	ppb
Lithium	6-1				98		%
Magnesium	24-1	1093.52	1122.60	1218.09	1144.74	5.69	ppb
Manganese	55-1	96.35	98.62	110.14	101.70	7.27	ppb
Molybdenum	94-1	1747.57	1789.10	2047.65	1861.44	8.73	ppb
Molybdenum	95-1	2428.57	2491.67	2852.26	2590.83	8.82	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:17:56	DataFile Name :	011ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2343.42	2406.50	2770.80	2506.91	9.20	ppb
Molybdenum	97-1	2457.31	2522.54	2843.75	2607.87	7.93	ppb
Molybdenum	98-1	2428.23	2513.33	2807.52	2583.02	7.70	ppb
Neodymium	150-1						cps
Nickel	60-1	100.25	100.98	111.74	104.32	6.17	ppb
Phosphorus	31-1	-3.76	-2.37	6.48	0.12	4713.33	ppb
Potassium	39-1	1857.38	1930.36	2168.01	1985.25	8.18	ppb
Rhodium	103-1				98		%
Scandium	45-1				100		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	205.47	207.56	231.17	214.73	6.65	ppb
Silicon	28-1	23.78	29.05	40.46	31.10	27.43	ppb
Silver	107-1	49.65	49.40	53.85	50.97	4.90	ppb
Silver	109-1	49.30	48.87	54.70	50.95	6.37	ppb
Sodium	23-1	1956.53	1959.47	2183.06	2033.02	6.39	ppb
Strontium	86-1	4676.00	4744.12	5260.02	4893.38	6.53	ppb
Strontium	88-1	4703.41	4830.74	5256.50	4930.21	5.88	ppb
Sulfur	34-1	-3434.43	-3109.72	-613.18	-2385.78		ppb
Terbium	159-1				102		%
Thallium	203-1	200.23	204.46	225.49	210.06	6.44	ppb
Thallium	205-1	207.32	203.83	231.52	214.22	7.04	ppb
Thorium	232-1						cps
Tin	118-1	0.13	0.10	0.10	0.11	13.62	ppb
Titanium	47-1	2425.68	2466.57	2735.36	2542.54	6.62	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	52.48	ppb
Vanadium	51-1	96.99	99.33	110.46	102.26	7.04	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	192.68	201.76	220.62	205.02	6.95	ppb
Zirconium	90-1	0.09	0.05	0.08	0.07	25.98	ppb
Zirconium	91-1	0.12	0.14	0.16	0.14	13.99	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:25:37 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	21.50	21.65	23.28	22.14	4.48	ppb
Antimony	121-1	0.04	0.04	0.09	0.06	52.28	ppb
Arsenic	75-1	0.02	-0.03	-0.03	-0.01		ppb
Barium	135-1	0.06	0.01	0.07	0.05	74.56	ppb
Barium	137-1	0.04	0.02	0.03	0.03	44.42	ppb
Beryllium	9-1	0.00	0.01	0.01	0.00	219.90	ppb
Bismuth	209-1				99		%
Boron	10-1	39.39	35.85	38.61	37.95	4.90	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.92	0.69	0.70	-0.18		ppb
Cadmium	108-1	0.00	0.23	0.14	0.12	96.10	ppb
Cadmium	111-1	-0.13	0.03	0.06	-0.01		ppb
Calcium	43-1	-0.37	4.90	2.44	2.32	113.38	ppb
Calcium	44-1	34.91	28.95	44.67	36.18	21.94	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.07	0.05	0.14	0.09	55.07	ppb
Cobalt	59-1	-0.01	0.00	0.00	0.00		ppb
Copper	63-1	0.17	0.14	0.16	0.16	11.73	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				97		%
Iron	56-1	-2.31	-7.52	6.33	-1.17		ppb
Iron	57-1	-9.17	-12.49	-13.11	-11.59		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.08	0.10	0.10	21.34	ppb
Lead	207-1	0.08	0.08	0.14	0.10	33.29	ppb
Lead	208-1	0.11	0.09	0.11	0.10	8.90	ppb
Lithium	6-1				95		%
Magnesium	24-1	0.14	0.12	0.08	0.11	28.94	ppb
Manganese	55-1	0.12	0.12	0.13	0.12	3.27	ppb
Molybdenum	94-1	-0.03	-0.01	0.01	-0.01		ppb
Molybdenum	95-1	0.03	0.02	0.04	0.03	41.68	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:25:37	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	0.03	0.02	0.02	0.02	37.71	ppb
Molybdenum	97-1	0.02	0.04	0.02	0.03	52.44	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	46.43	ppb
Neodymium	150-1						cps
Nickel	60-1	0.01	0.01	0.02	0.01	38.14	ppb
Phosphorus	31-1	3.52	0.27	3.01	2.27	77.13	ppb
Potassium	39-1	13.61	0.31	18.94	10.95	87.57	ppb
Rhodium	103-1				96		%
Scandium	45-1				96		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	-0.75	-1.66	-0.99	-1.13		ppb
Silicon	28-1	1.49	0.79	3.56	1.94	74.10	ppb
Silver	107-1	0.00	0.00	0.02	0.01	108.72	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.44	ppb
Sodium	23-1	36.50	34.14	38.60	36.41	6.13	ppb
Strontium	86-1	-0.12	0.12	0.04	0.01	841.99	ppb
Strontium	88-1	0.07	0.06	0.03	0.06	33.77	ppb
Sulfur	34-1	-1655.60	-2475.57	-1446.14	-1859.10		ppb
Terbium	159-1				98		%
Thallium	203-1	0.02	0.00	0.05	0.02	98.92	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	78.99	ppb
Thorium	232-1						cps
Tin	118-1	0.14	0.14	0.13	0.14	6.14	ppb
Titanium	47-1	-0.03	-0.06	-0.07	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.01	-0.01	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				96		%
Zinc	66-1	0.44	0.53	0.83	0.60	33.47	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	0.04	0.02	0.04	0.03	36.68	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:28:30	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	95298.35	99131.50	99474.12	97967.99	2.37	ppb
Antimony	121-1	1.09	1.20	1.19	1.16	5.28	ppb
Arsenic	75-1	0.61	0.78	1.26	0.89	37.99	ppb
Barium	135-1	1.40	1.41	1.42	1.41	0.47	ppb
Barium	137-1	1.37	1.32	1.27	1.32	3.93	ppb
Beryllium	9-1	0.28	0.27	0.24	0.26	8.12	ppb
Bismuth	209-1				101		%
Boron	10-1	38.20	38.00	34.69	36.96	5.33	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.38	-1.32	-1.94	-1.55		ppb
Cadmium	108-1	10.42	10.87	9.39	10.23	7.41	ppb
Cadmium	111-1	0.28	0.39	0.24	0.30	24.91	ppb
Calcium	43-1	97236.46	102128.00	99745.08	99703.18	2.45	ppb
Calcium	44-1	97013.63	100444.46	98936.11	98798.07	1.74	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	19.70	20.64	20.55	20.30	2.55	ppb
Cobalt	59-1	1.26	1.16	1.26	1.23	4.87	ppb
Copper	63-1	8.58	8.79	8.85	8.74	1.62	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				99		%
Iron	56-1	99420.25	103657.64	103659.39	102245.76	2.39	ppb
Iron	57-1	100417.55	104187.36	104018.92	102874.61	2.07	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4.75	5.06	5.01	4.94	3.46	ppb
Lead	207-1	4.47	4.57	4.50	4.51	1.15	ppb
Lead	208-1	4.54	4.68	4.67	4.63	1.75	ppb
Lithium	6-1				99		%
Magnesium	24-1	94442.53	96606.16	95575.56	95541.42	1.13	ppb
Manganese	55-1	7.60	7.75	7.86	7.74	1.71	ppb
Molybdenum	94-1	1393.85	1410.58	1341.97	1382.13	2.59	ppb
Molybdenum	95-1	1993.27	2010.74	1923.41	1975.81	2.34	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:28:30	DataFile Name :	013ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	1904.07	1934.35	1872.72	1903.71	1.62	ppb
Molybdenum	97-1	1997.49	2048.94	1925.23	1990.55	3.12	ppb
Molybdenum	98-1	1977.61	2010.24	1927.91	1971.92	2.10	ppb
Neodymium	150-1						cps
Nickel	60-1	5.31	5.48	5.84	5.54	4.87	ppb
Phosphorus	31-1	98830.16	102114.11	101049.97	100664.75	1.66	ppb
Potassium	39-1	97126.86	100808.59	100401.12	99445.52	2.03	ppb
Rhodium	103-1				97		%
Scandium	45-1				100		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	-1.67	0.85	0.06	-0.25		ppb
Silicon	28-1	21.31	21.53	20.18	21.00	3.45	ppb
Silver	107-1	0.04	0.04	0.02	0.03	29.10	ppb
Silver	109-1	0.06	0.04	0.03	0.04	28.35	ppb
Sodium	23-1	99048.09	101128.29	101313.90	100496.76	1.25	ppb
Strontium	86-1	35.23	35.79	33.69	34.90	3.12	ppb
Strontium	88-1	35.51	35.43	35.07	35.34	0.67	ppb
Sulfur	34-1	89882.92	91979.48	91288.43	91050.28	1.17	ppb
Terbium	159-1				103		%
Thallium	203-1	0.14	0.11	0.18	0.14	26.46	ppb
Thallium	205-1	0.10	0.10	0.14	0.11	20.62	ppb
Thorium	232-1						cps
Tin	118-1	0.35	0.33	0.41	0.36	12.10	ppb
Titanium	47-1	2080.23	2051.52	2144.09	2091.95	2.26	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	24.94	ppb
Vanadium	51-1	0.16	0.15	0.16	0.15	3.20	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	12.50	12.53	12.97	12.67	2.11	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	179.08	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	47.23	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:37:04	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	93257.42	91974.10	97533.79	94255.10	3.09	ppb
Antimony	121-1	20.16	20.27	20.14	20.19	0.33	ppb
Arsenic	75-1	20.72	20.15	20.93	20.60	1.97	ppb
Barium	135-1	20.77	20.07	21.01	20.62	2.36	ppb
Barium	137-1	21.55	20.83	21.39	21.26	1.78	ppb
Beryllium	9-1	19.20	19.12	18.52	18.95	1.97	ppb
Bismuth	209-1				105		%
Boron	10-1	77.26	82.10	78.98	79.45	3.08	ppb
Bromine	81-1						cps
Cadmium	106-1	24.72	22.59	20.85	22.72	8.53	ppb
Cadmium	108-1	30.00	31.38	29.80	30.39	2.83	ppb
Cadmium	111-1	20.03	19.32	19.82	19.72	1.83	ppb
Calcium	43-1	95980.58	96633.34	98997.14	97203.69	1.63	ppb
Calcium	44-1	96496.76	95896.86	98095.69	96829.77	1.17	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	39.28	38.53	40.63	39.48	2.69	ppb
Cobalt	59-1	20.78	20.30	21.42	20.83	2.68	ppb
Copper	63-1	28.48	28.54	29.76	28.93	2.49	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Indium	115-1				104		%
Iron	56-1	101236.04	99927.63	104986.76	102050.14	2.57	ppb
Iron	57-1	100356.53	98170.02	104094.62	100873.72	2.97	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	24.77	24.13	24.81	24.57	1.56	ppb
Lead	207-1	23.97	22.91	23.70	23.53	2.34	ppb
Lead	208-1	24.00	23.44	23.95	23.79	1.31	ppb
Lithium	6-1				105		%
Magnesium	24-1	92213.35	91298.90	94156.10	92556.12	1.58	ppb
Manganese	55-1	26.71	26.49	27.55	26.92	2.07	ppb
Molybdenum	94-1	1402.99	1410.87	1426.23	1413.36	0.84	ppb
Molybdenum	95-1	1843.58	1916.87	1924.78	1895.08	2.36	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:37:04	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	1773.09	1825.50	1859.56	1819.38	2.39	ppb
Molybdenum	97-1	1826.35	1901.81	1902.60	1876.92	2.33	ppb
Molybdenum	98-1	1819.89	1868.31	1915.63	1867.94	2.56	ppb
Neodymium	150-1						cps
Nickel	60-1	24.92	24.19	26.40	25.17	4.47	ppb
Phosphorus	31-1	95685.59	95333.86	100500.62	97173.36	2.97	ppb
Potassium	39-1	94396.74	93605.79	99754.93	95919.15	3.49	ppb
Rhodium	103-1				101		%
Scandium	45-1				104		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	18.91	18.63	19.20	18.91	1.51	ppb
Silicon	28-1	22.75	23.03	26.66	24.15	9.03	ppb
Silver	107-1	18.51	18.31	18.58	18.47	0.76	ppb
Silver	109-1	18.12	18.06	18.59	18.25	1.58	ppb
Sodium	23-1	95242.39	97255.79	103222.40	98573.53	4.21	ppb
Strontium	86-1	89.18	90.16	88.30	89.21	1.04	ppb
Strontium	88-1	88.79	89.73	90.09	89.54	0.75	ppb
Sulfur	34-1	84335.35	83844.25	89620.46	85933.35	3.73	ppb
Terbium	159-1				109		%
Thallium	203-1	20.05	19.69	20.54	20.09	2.11	ppb
Thallium	205-1	20.48	19.98	20.90	20.45	2.24	ppb
Thorium	232-1						cps
Tin	118-1	52.53	52.27	52.73	52.51	0.43	ppb
Titanium	47-1	2061.17	1960.87	2022.35	2014.80	2.51	ppb
Uranium	238-1	55.69	55.77	56.29	55.91	0.58	ppb
Vanadium	51-1	19.29	18.96	20.34	19.53	3.70	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				105		%
Zinc	66-1	31.82	31.28	31.86	31.65	1.02	ppb
Zirconium	90-1	54.48	56.51	54.95	55.31	1.93	ppb
Zirconium	91-1	52.87	56.38	55.54	54.93	3.34	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:39:57	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	48759.55	49016.69	49730.76	49169.00	1.02	ppb
Antimony	121-1	483.28	481.96	490.57	485.27	0.96	ppb
Arsenic	75-1	472.69	484.58	468.64	475.30	1.74	ppb
Barium	135-1	2466.01	2478.65	2517.13	2487.26	1.07	ppb
Barium	137-1	2497.22	2518.40	2514.52	2510.04	0.45	ppb
Beryllium	9-1	474.06	477.77	467.55	473.13	1.09	ppb
Bismuth	209-1				104		%
Boron	10-1	465.69	501.45	519.91	495.68	5.56	ppb
Bromine	81-1						cps
Cadmium	106-1	485.10	471.36	475.96	477.47	1.47	ppb
Cadmium	108-1	472.87	484.26	466.32	474.48	1.91	ppb
Cadmium	111-1	488.64	478.16	480.17	482.32	1.15	ppb
Calcium	43-1	247341.29	250484.06	252989.10	250271.48	1.13	ppb
Calcium	44-1	247614.30	246236.89	252490.58	248780.59	1.32	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	495.90	509.14	505.19	503.41	1.35	ppb
Cobalt	59-1	497.67	494.48	500.88	497.68	0.64	ppb
Copper	63-1	4985.58	4957.20	4918.20	4953.66	0.68	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				103		%
Iron	56-1	123964.98	125779.89	128395.02	126046.63	1.77	ppb
Iron	57-1	126260.09	125101.59	128751.88	126704.52	1.47	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2404.72	2457.31	2527.52	2463.18	2.50	ppb
Lead	207-1	2436.16	2515.46	2495.72	2482.45	1.66	ppb
Lead	208-1	2443.09	2499.43	2503.57	2482.03	1.36	ppb
Lithium	6-1				103		%
Magnesium	24-1	245965.89	247139.75	241836.29	244980.64	1.14	ppb
Manganese	55-1	4977.82	4994.11	5136.87	5036.27	1.74	ppb
Molybdenum	94-1	2475.98	2519.53	2445.46	2480.32	1.50	ppb
Molybdenum	95-1	2444.60	2556.27	2458.40	2486.42	2.45	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:39:57	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2464.96	2574.84	2488.20	2509.33	2.31	ppb
Molybdenum	97-1	2445.36	2570.42	2466.92	2494.24	2.68	ppb
Molybdenum	98-1	2417.66	2517.73	2499.58	2478.32	2.15	ppb
Neodymium	150-1						cps
Nickel	60-1	478.67	470.03	472.25	473.65	0.95	ppb
Phosphorus	31-1	10145.96	10290.79	10165.06	10200.60	0.77	ppb
Potassium	39-1	123323.78	125487.96	124792.70	124534.81	0.89	ppb
Rhodium	103-1				99		%
Scandium	45-1				104		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	471.06	480.34	473.15	474.85	1.03	ppb
Silicon	28-1	417.78	480.36	508.25	468.80	9.88	ppb
Silver	107-1	500.37	487.85	490.02	492.74	1.36	ppb
Silver	109-1	486.61	482.77	481.18	483.52	0.58	ppb
Sodium	23-1	246655.71	247330.51	251877.58	248621.27	1.14	ppb
Strontium	86-1	4919.78	4981.28	4985.60	4962.22	0.74	ppb
Strontium	88-1	4849.94	5034.35	5006.13	4963.48	2.00	ppb
Sulfur	34-1	6792.55	7258.45	7315.30	7122.10	4.03	ppb
Terbium	159-1				106		%
Thallium	203-1	489.60	489.81	499.60	493.00	1.16	ppb
Thallium	205-1	486.90	486.99	500.71	491.53	1.62	ppb
Thorium	232-1						cps
Tin	118-1	501.17	499.15	491.76	497.36	1.00	ppb
Titanium	47-1	2547.65	2580.05	2543.24	2556.98	0.79	ppb
Uranium	238-1	505.95	502.54	512.33	506.94	0.98	ppb
Vanadium	51-1	500.76	503.88	513.71	506.12	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				105		%
Zinc	66-1	5004.46	4986.59	5031.51	5007.52	0.45	ppb
Zirconium	90-1	486.54	507.04	496.30	496.62	2.06	ppb
Zirconium	91-1	476.41	485.06	474.36	478.61	1.19	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:51:26	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.01	1.11	1.02	1.05	5.07	ppb
Antimony	121-1	0.04	0.03	0.05	0.04	24.56	ppb
Arsenic	75-1	0.03	0.02	0.04	0.03	25.14	ppb
Barium	135-1	0.05	0.04	0.05	0.05	11.84	ppb
Barium	137-1	0.04	0.01	-0.02	0.01	241.42	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	108.35	ppb
Bismuth	209-1				105		%
Boron	10-1	16.14	15.80	15.28	15.74	2.76	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.92	-0.94	-0.30	-0.72		ppb
Cadmium	108-1	-0.02	-0.07	-0.12	-0.07		ppb
Cadmium	111-1	-0.06	-0.04	0.00	-0.03		ppb
Calcium	43-1	-5.56	-1.89	0.04	-2.47		ppb
Calcium	44-1	29.39	37.95	31.00	32.78	13.88	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.08	0.08	0.06	0.08	14.20	ppb
Cobalt	59-1	-0.02	0.00	0.00	-0.01		ppb
Copper	63-1	0.25	0.28	0.23	0.25	10.51	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				103		%
Iron	56-1	2.45	8.22	3.94	4.87	61.46	ppb
Iron	57-1	-25.59	-26.19	-18.95	-23.58		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.16	0.13	0.13	17.49	ppb
Lead	207-1	0.13	0.12	0.10	0.12	13.79	ppb
Lead	208-1	0.12	0.13	0.12	0.12	6.57	ppb
Lithium	6-1				101		%
Magnesium	24-1	0.60	0.65	0.44	0.57	19.21	ppb
Manganese	55-1	0.07	0.04	0.09	0.07	36.43	ppb
Molybdenum	94-1	-0.02	0.01	-0.03	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	142.02	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P8
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:51:26 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	0.01	0.00	-0.02	0.00		ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	57.74	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	46.44	ppb
Neodymium	150-1						cps
Nickel	60-1	0.02	-0.02	-0.02	-0.01		ppb
Phosphorus	31-1	-8.48	-7.88	-6.51	-7.62		ppb
Potassium	39-1	2.71	21.30	9.68	11.23	83.65	ppb
Rhodium	103-1				101		%
Scandium	45-1				100		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	-1.11	-3.35	-1.09	-1.85		ppb
Silicon	28-1	-3.49	-1.15	-2.77	-2.47		ppb
Silver	107-1	0.00	0.01	0.00	0.01	82.62	ppb
Silver	109-1	0.01	0.00	0.03	0.01	87.27	ppb
Sodium	23-1	45.42	48.57	41.80	45.26	7.48	ppb
Strontium	86-1	-0.15	-0.15	0.13	-0.06		ppb
Strontium	88-1	0.00	0.02	0.01	0.01	86.44	ppb
Sulfur	34-1	-3146.09	-2437.54	-2748.08	-2777.24		ppb
Terbium	159-1				104		%
Thallium	203-1	0.12	0.10	0.09	0.10	15.25	ppb
Thallium	205-1	0.10	0.11	0.09	0.10	8.11	ppb
Thorium	232-1						cps
Tin	118-1	0.02	0.01	0.02	0.02	48.19	ppb
Titanium	47-1	0.12	0.02	0.08	0.07	70.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1.98	ppb
Vanadium	51-1	0.00	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	0.35	0.40	0.08	0.28	62.15	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.04	0.02	0.02	92.05	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:54:19	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.91	20.77	22.02	21.23	3.24	ppb
Antimony	121-1	1.94	2.04	2.12	2.03	4.61	ppb
Arsenic	75-1	1.00	0.98	0.99	0.99	0.90	ppb
Barium	135-1	9.43	10.10	10.25	9.93	4.43	ppb
Barium	137-1	9.67	11.11	10.67	10.48	7.02	ppb
Beryllium	9-1	1.05	0.98	1.07	1.03	4.86	ppb
Bismuth	209-1				103		%
Boron	10-1	32.25	35.61	39.25	35.71	9.81	ppb
Bromine	81-1						cps
Cadmium	106-1	0.08	3.41	0.59	1.36	131.71	ppb
Cadmium	108-1	1.45	0.88	0.76	1.03	35.48	ppb
Cadmium	111-1	1.01	1.46	1.22	1.23	18.59	ppb
Calcium	43-1	475.12	498.94	515.60	496.55	4.10	ppb
Calcium	44-1	509.37	520.28	558.15	529.27	4.84	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.13	2.21	2.33	2.22	4.52	ppb
Cobalt	59-1	0.99	1.07	1.09	1.05	4.93	ppb
Copper	63-1	2.18	2.21	2.31	2.23	3.03	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				100		%
Iron	56-1	55.86	61.91	78.02	65.26	17.55	ppb
Iron	57-1	28.05	35.32	43.40	35.59	21.57	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1.23	1.06	1.09	1.13	8.14	ppb
Lead	207-1	1.05	1.07	1.25	1.13	9.79	ppb
Lead	208-1	1.12	1.07	1.17	1.12	4.40	ppb
Lithium	6-1				97		%
Magnesium	24-1	486.84	495.65	508.07	496.85	2.15	ppb
Manganese	55-1	1.05	1.14	1.20	1.13	6.41	ppb
Molybdenum	94-1	4.79	4.87	5.30	4.99	5.50	ppb
Molybdenum	95-1	5.11	4.94	5.26	5.10	3.14	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:54:19	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	5.17	5.07	5.18	5.14	1.23	ppb
Molybdenum	97-1	4.84	5.01	5.18	5.01	3.45	ppb
Molybdenum	98-1	5.12	4.90	5.02	5.01	2.20	ppb
Neodymium	150-1						cps
Nickel	60-1	1.20	1.10	1.19	1.16	4.46	ppb
Phosphorus	31-1	-5.89	-5.78	-2.13	-4.60		ppb
Potassium	39-1	495.06	505.48	564.95	521.83	7.23	ppb
Rhodium	103-1				100		%
Scandium	45-1				99		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	4.31	5.23	6.28	5.27	18.74	ppb
Silicon	28-1	4.60	6.29	9.04	6.64	33.75	ppb
Silver	107-1	0.93	1.05	1.06	1.01	7.32	ppb
Silver	109-1	0.91	0.98	1.06	0.98	7.61	ppb
Sodium	23-1	535.59	550.41	575.16	553.72	3.61	ppb
Strontium	86-1	0.76	0.81	0.85	0.81	5.41	ppb
Strontium	88-1	1.00	0.97	1.11	1.03	6.80	ppb
Sulfur	34-1	-2376.70	-2249.71	-456.19	-1694.20		ppb
Terbium	159-1				101		%
Thallium	203-1	1.07	1.17	1.12	1.12	4.34	ppb
Thallium	205-1	1.07	1.02	1.13	1.07	5.12	ppb
Thorium	232-1						cps
Tin	118-1	4.88	5.24	5.10	5.07	3.57	ppb
Titanium	47-1	5.53	5.07	5.07	5.22	5.10	ppb
Uranium	238-1	0.95	0.92	0.94	0.94	1.78	ppb
Vanadium	51-1	5.14	5.13	5.32	5.19	2.03	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	2.44	2.37	2.68	2.50	6.53	ppb
Zirconium	90-1	1.04	0.98	1.04	1.02	3.48	ppb
Zirconium	91-1	0.98	1.04	1.05	1.02	3.71	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	M3035-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:00:07	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	859.72	866.48	840.74	855.65	1.56	ppb
Antimony	121-1	27.42	27.49	27.72	27.54	0.58	ppb
Arsenic	75-1	41.35	41.75	44.20	42.43	3.64	ppb
Barium	135-1	981.72	981.23	993.51	985.49	0.71	ppb
Barium	137-1	997.59	1002.03	1006.81	1002.15	0.46	ppb
Beryllium	9-1	8.70	8.90	8.75	8.78	1.23	ppb
Bismuth	209-1				104		%
Boron	10-1	884.32	1027.58	1137.94	1016.61	12.51	ppb
Bromine	81-1						cps
Cadmium	106-1	9.43	12.48	6.44	9.45	31.95	ppb
Cadmium	108-1	10.29	12.30	11.59	11.39	8.94	ppb
Cadmium	111-1	12.29	11.57	12.07	11.98	3.08	ppb
Calcium	43-1	5.03	7.27	5.34	5.88	20.67	ppb
Calcium	44-1	21.24	23.87	17.64	20.92	14.96	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	176.00	177.38	178.42	177.27	0.69	ppb
Cobalt	59-1	0.04	0.03	0.05	0.04	34.96	ppb
Copper	63-1	1003.17	1015.95	1009.13	1009.41	0.63	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				102		%
Iron	56-1	937.82	943.74	911.16	930.90	1.86	ppb
Iron	57-1	978.84	949.49	941.67	956.67	2.05	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	68.91	68.64	70.49	69.35	1.44	ppb
Lead	207-1	69.38	68.96	71.65	70.00	2.06	ppb
Lead	208-1	69.24	69.15	70.30	69.56	0.93	ppb
Lithium	6-1				102		%
Magnesium	24-1	0.21	0.15	0.19	0.19	16.65	ppb
Manganese	55-1	794.97	820.70	791.47	802.38	1.99	ppb
Molybdenum	94-1	17.89	18.65	18.39	18.31	2.11	ppb
Molybdenum	95-1	25.34	27.26	26.66	26.42	3.71	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	M3035-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:00:07	DataFile Name :	020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	25.28	25.76	25.91	25.65	1.28	ppb
Molybdenum	97-1	26.21	26.61	27.32	26.71	2.09	ppb
Molybdenum	98-1	25.91	26.61	27.16	26.56	2.37	ppb
Neodymium	150-1						cps
Nickel	60-1	262.64	260.20	262.14	261.66	0.49	ppb
Phosphorus	31-1	-6.13	-2.76	-6.13	-5.01		ppb
Potassium	39-1	-2.79	8.01	4.45	3.23	170.54	ppb
Rhodium	103-1				102		%
Scandium	45-1				102		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	15.32	20.06	15.50	16.96	15.86	ppb
Silicon	28-1	53.83	54.86	53.28	53.99	1.48	ppb
Silver	107-1	163.19	164.33	164.83	164.12	0.51	ppb
Silver	109-1	163.31	162.34	164.79	163.48	0.75	ppb
Sodium	23-1	52.72	52.95	49.41	51.70	3.83	ppb
Strontium	86-1	-0.13	-0.30	-0.19	-0.21		ppb
Strontium	88-1	0.04	0.02	0.02	0.03	30.70	ppb
Sulfur	34-1	-2343.53	-2184.64	-2482.92	-2337.03		ppb
Terbium	159-1				105		%
Thallium	203-1	5.41	5.37	5.63	5.47	2.54	ppb
Thallium	205-1	5.46	5.46	5.70	5.54	2.52	ppb
Thorium	232-1						cps
Tin	118-1	0.03	0.02	0.02	0.02	22.36	ppb
Titanium	47-1	0.29	0.32	0.10	0.23	50.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	409.45	416.42	416.76	414.21	1.00	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	1545.09	1530.11	1558.09	1544.43	0.91	ppb
Zirconium	90-1	0.04	0.05	0.05	0.04	17.18	ppb
Zirconium	91-1	0.04	0.11	0.10	0.08	46.13	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	M3035-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:03:03	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1052.62	906.03	847.09	935.25	11.32	ppb
Antimony	121-1	34.28	30.41	27.94	30.88	10.36	ppb
Arsenic	75-1	51.86	44.60	41.93	46.13	11.14	ppb
Barium	135-1	1215.28	1069.38	985.48	1090.05	10.67	ppb
Barium	137-1	1219.32	1063.40	991.95	1091.56	10.65	ppb
Beryllium	9-1	10.49	9.00	8.65	9.38	10.42	ppb
Bismuth	209-1				95		%
Boron	10-1	1246.84	1193.33	1215.96	1218.71	2.20	ppb
Bromine	81-1						cps
Cadmium	106-1	12.23	11.89	7.68	10.60	23.92	ppb
Cadmium	108-1	13.30	11.47	10.25	11.67	13.16	ppb
Cadmium	111-1	15.12	12.79	11.70	13.20	13.22	ppb
Calcium	43-1	13.89	10.17	8.87	10.97	23.74	ppb
Calcium	44-1	89.53	34.63	30.96	51.70	63.45	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	223.31	190.08	180.44	197.94	11.36	ppb
Cobalt	59-1	0.05	0.05	0.05	0.05	8.23	ppb
Copper	63-1	1253.83	1074.47	1043.35	1123.88	10.11	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				95		%
Indium	115-1				94		%
Iron	56-1	1169.51	984.37	941.89	1031.92	11.73	ppb
Iron	57-1	1206.98	1000.71	945.53	1051.07	13.11	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	84.22	70.66	70.11	75.00	10.66	ppb
Lead	207-1	83.92	72.62	71.05	75.86	9.26	ppb
Lead	208-1	84.14	71.99	70.34	75.49	9.98	ppb
Lithium	6-1				95		%
Magnesium	24-1	0.35	0.27	0.06	0.23	65.39	ppb
Manganese	55-1	977.85	854.47	823.92	885.41	9.20	ppb
Molybdenum	94-1	23.20	19.83	18.61	20.55	11.56	ppb
Molybdenum	95-1	33.01	28.27	26.43	29.23	11.61	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	M3035-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:03:03	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	31.26	26.86	25.73	27.95	10.46	ppb
Molybdenum	97-1	33.33	27.93	27.09	29.45	11.50	ppb
Molybdenum	98-1	32.91	28.09	26.40	29.14	11.60	ppb
Neodymium	150-1						cps
Nickel	60-1	326.25	281.19	265.09	290.84	10.90	ppb
Phosphorus	31-1	3.89	-4.10	-6.65	-2.29		ppb
Potassium	39-1	120.15	22.54	1.96	48.22	130.95	ppb
Rhodium	103-1				93		%
Scandium	45-1				93		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	25.09	18.05	17.83	20.32	20.34	ppb
Silicon	28-1	78.37	58.90	54.99	64.09	19.54	ppb
Silver	107-1	203.25	176.43	164.22	181.30	11.01	ppb
Silver	109-1	201.56	176.37	162.89	180.27	10.89	ppb
Sodium	23-1	90.56	58.89	55.48	68.31	28.33	ppb
Strontium	86-1	0.35	0.02	-0.12	0.08	291.71	ppb
Strontium	88-1	0.04	0.03	0.04	0.04	26.71	ppb
Sulfur	34-1	2781.27	-2140.71	-2875.93	-745.12		ppb
Terbium	159-1				95		%
Thallium	203-1	6.91	5.70	5.58	6.06	12.12	ppb
Thallium	205-1	6.58	5.76	5.65	6.00	8.48	ppb
Thorium	232-1						cps
Tin	118-1	0.03	0.01	0.02	0.02	61.12	ppb
Titanium	47-1	0.03	0.00	0.10	0.05	115.97	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1024.17	ppb
Vanadium	51-1	522.21	436.11	416.15	458.16	12.30	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				93		%
Zinc	66-1	1869.21	1608.23	1586.93	1688.12	9.31	ppb
Zirconium	90-1	0.09	0.03	0.06	0.06	49.53	ppb
Zirconium	91-1	0.08	0.07	0.06	0.07	12.03	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:06:02	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	51208.17	50307.38	49854.79	50456.78	1.37	ppb
Antimony	121-1	496.96	487.17	490.02	491.38	1.03	ppb
Arsenic	75-1	500.23	491.26	481.62	491.04	1.90	ppb
Barium	135-1	2557.81	2517.40	2496.00	2523.74	1.24	ppb
Barium	137-1	2509.74	2468.47	2485.50	2487.90	0.83	ppb
Beryllium	9-1	494.99	495.63	485.96	492.19	1.10	ppb
Bismuth	209-1				101		%
Boron	10-1	706.55	719.73	722.13	716.14	1.17	ppb
Bromine	81-1						cps
Cadmium	106-1	508.01	485.45	490.32	494.59	2.40	ppb
Cadmium	108-1	480.88	475.18	478.65	478.23	0.60	ppb
Cadmium	111-1	491.17	478.40	483.65	484.41	1.33	ppb
Calcium	43-1	250553.37	246244.03	247420.13	248072.51	0.90	ppb
Calcium	44-1	248076.90	244056.22	245446.29	245859.80	0.83	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	509.66	503.52	496.09	503.09	1.35	ppb
Cobalt	59-1	498.65	504.57	494.45	499.22	1.02	ppb
Copper	63-1	4897.68	4999.43	4908.73	4935.28	1.13	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				101		%
Iron	56-1	128526.69	127059.31	122449.33	126011.78	2.52	ppb
Iron	57-1	126094.44	127213.98	125141.43	126149.95	0.82	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2530.65	2457.61	2538.88	2509.05	1.78	ppb
Lead	207-1	2541.89	2485.60	2566.25	2531.24	1.63	ppb
Lead	208-1	2538.53	2472.77	2549.63	2520.31	1.65	ppb
Lithium	6-1				100		%
Magnesium	24-1	250133.34	257708.85	241403.10	249748.43	3.27	ppb
Manganese	55-1	5103.38	5003.30	4894.62	5000.43	2.09	ppb
Molybdenum	94-1	2493.81	2571.95	2514.83	2526.86	1.60	ppb
Molybdenum	95-1	2514.60	2544.43	2538.75	2532.59	0.63	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:06:02	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2508.02	2508.04	2576.83	2530.96	1.57	ppb
Molybdenum	97-1	2555.09	2532.10	2561.72	2549.64	0.61	ppb
Molybdenum	98-1	2557.33	2504.78	2547.60	2536.57	1.10	ppb
Neodymium	150-1						cps
Nickel	60-1	490.75	483.05	473.72	482.51	1.77	ppb
Phosphorus	31-1	10258.38	10250.72	10075.90	10195.00	1.01	ppb
Potassium	39-1	129755.91	125983.63	123032.49	126257.34	2.67	ppb
Rhodium	103-1				98		%
Scandium	45-1				102		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	489.33	480.93	481.21	483.82	0.99	ppb
Silicon	28-1	422.82	477.63	485.96	462.13	7.42	ppb
Silver	107-1	504.10	488.95	490.51	494.52	1.69	ppb
Silver	109-1	476.09	482.99	475.25	478.11	0.89	ppb
Sodium	23-1	244691.46	247247.58	243420.90	245119.98	0.80	ppb
Strontium	86-1	5089.23	5069.07	4999.00	5052.43	0.94	ppb
Strontium	88-1	5004.36	4970.52	4982.92	4985.94	0.34	ppb
Sulfur	34-1	9868.90	9185.30	8028.06	9027.42	10.31	ppb
Terbium	159-1				104		%
Thallium	203-1	484.70	500.38	509.15	498.07	2.49	ppb
Thallium	205-1	498.54	498.23	500.17	498.98	0.21	ppb
Thorium	232-1						cps
Tin	118-1	495.03	510.49	488.90	498.14	2.23	ppb
Titanium	47-1	2649.58	2580.43	2557.02	2595.67	1.85	ppb
Uranium	238-1	514.11	517.37	511.24	514.24	0.60	ppb
Vanadium	51-1	514.28	506.73	502.23	507.75	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	4968.32	5081.78	4978.74	5009.61	1.25	ppb
Zirconium	90-1	499.74	505.05	498.89	501.23	0.67	ppb
Zirconium	91-1	489.80	488.98	487.02	488.60	0.29	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:16:39	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.88	0.94	0.90	0.91	3.41	ppb
Antimony	121-1	0.04	0.03	0.06	0.04	40.13	ppb
Arsenic	75-1	-0.01	-0.06	-0.02	-0.03		ppb
Barium	135-1	0.01	0.02	0.04	0.03	53.10	ppb
Barium	137-1	-0.02	0.04	0.03	0.02	199.04	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	48.41	ppb
Bismuth	209-1				104		%
Boron	10-1	55.44	55.71	54.78	55.31	0.87	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.54	-2.90	0.84	-1.20		ppb
Cadmium	108-1	0.09	-0.17	0.04	-0.01		ppb
Cadmium	111-1	-0.09	-0.21	0.07	-0.08		ppb
Calcium	43-1	-3.86	-0.63	1.12	-1.12		ppb
Calcium	44-1	14.07	13.05	13.52	13.54	3.76	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.08	0.09	0.14	0.10	31.76	ppb
Cobalt	59-1	0.00	-0.01	0.00	-0.01		ppb
Copper	63-1	0.08	0.14	0.08	0.10	33.07	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				101		%
Iron	56-1	4.14	10.91	9.37	8.14	43.59	ppb
Iron	57-1	-20.46	-15.56	-16.85	-17.62		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.17	0.14	24.58	ppb
Lead	207-1	0.09	0.13	0.14	0.12	22.86	ppb
Lead	208-1	0.11	0.12	0.15	0.12	15.76	ppb
Lithium	6-1				101		%
Magnesium	24-1	0.42	0.42	0.39	0.41	4.25	ppb
Manganese	55-1	0.07	0.06	0.03	0.05	34.66	ppb
Molybdenum	94-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	183.56	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCB85 Instrumnet Name : P8
 Client Sample ID : CCB85 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:16:39 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	0.00	-0.02	-0.02	-0.01		ppb
Molybdenum	97-1	0.00	0.02	0.02	0.01	65.38	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	37.74	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.01	0.02	0.05	0.02	159.77	ppb
Phosphorus	31-1	-3.53	-2.51	-4.91	-3.65		ppb
Potassium	39-1	10.54	10.13	15.87	12.18	26.29	ppb
Rhodium	103-1				101		%
Scandium	45-1				101		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	-1.19	0.08	-0.06	-0.39		ppb
Silicon	28-1	-2.66	-1.98	-3.12	-2.59		ppb
Silver	107-1	0.00	0.02	0.01	0.01	65.79	ppb
Silver	109-1	0.01	0.02	0.01	0.02	42.23	ppb
Sodium	23-1	36.48	31.46	33.25	33.73	7.54	ppb
Strontium	86-1	0.01	-0.10	-0.23	-0.10		ppb
Strontium	88-1	0.01	0.01	0.03	0.02	68.56	ppb
Sulfur	34-1	-1747.73	-1648.66	-1685.84	-1694.08		ppb
Terbium	159-1				103		%
Thallium	203-1	0.05	0.04	0.05	0.05	3.93	ppb
Thallium	205-1	0.07	0.06	0.04	0.06	19.66	ppb
Thorium	232-1						cps
Tin	118-1	0.05	0.02	0.01	0.03	72.75	ppb
Titanium	47-1	-0.07	-0.12	-0.01	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	-0.01	-0.02	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	0.44	0.37	0.41	0.41	8.88	ppb
Zirconium	90-1	0.02	0.00	-0.01	0.00	1212.00	ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	188.32	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : PB137921BL Instrumnet Name : P8
 Client Sample ID : PB137921BL Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:19:33 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.00	0.02	0.01	0.01	67.73	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	17.71	ppb
Arsenic	75-1	0.04	0.00	-0.06	-0.01		ppb
Barium	135-1	0.04	0.01	0.02	0.02	75.12	ppb
Barium	137-1	0.02	0.01	0.02	0.01	51.03	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	5448.79	ppb
Bismuth	209-1				104		%
Boron	10-1	45.48	44.69	45.83	45.33	1.29	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.45	-0.07	-2.57	-1.03		ppb
Cadmium	108-1	-0.07	0.10	0.21	0.08	175.07	ppb
Cadmium	111-1	-0.01	-0.01	-0.21	-0.08		ppb
Calcium	43-1	-1.31	0.34	-1.00	-0.66		ppb
Calcium	44-1	22.45	21.10	15.35	19.63	19.21	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.08	0.11	0.01	0.07	71.79	ppb
Cobalt	59-1	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-1	0.12	0.11	0.08	0.11	22.57	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				101		%
Iron	56-1	17.84	12.12	9.69	13.22	31.65	ppb
Iron	57-1	-16.97	-13.04	-13.55	-14.52		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.12	0.09	23.03	ppb
Lead	207-1	0.08	0.09	0.14	0.10	30.18	ppb
Lead	208-1	0.10	0.09	0.11	0.10	10.68	ppb
Lithium	6-1				100		%
Magnesium	24-1	0.08	0.12	0.06	0.08	38.43	ppb
Manganese	55-1	0.09	0.08	0.03	0.07	49.18	ppb
Molybdenum	94-1	-0.05	-0.05	-0.03	-0.04		ppb
Molybdenum	95-1	0.00	-0.01	0.02	0.00	272.81	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	PB137921BL	Instrumnet Name :	P8
Client Sample ID :	PB137921BL	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:19:33	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	-0.03	-0.02	0.00	-0.01		ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	27.32	ppb
Neodymium	150-1						cps
Nickel	60-1	0.04	0.08	0.00	0.04	104.89	ppb
Phosphorus	31-1	0.46	-1.61	-3.76	-1.64		ppb
Potassium	39-1	21.49	25.53	12.11	19.71	34.93	ppb
Rhodium	103-1				100		%
Scandium	45-1				98		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	0.34	-0.31	-1.88	-0.62		ppb
Silicon	28-1	-0.52	-0.62	-1.47	-0.87		ppb
Silver	107-1	0.00	0.00	0.01	0.00	138.13	ppb
Silver	109-1	0.00	0.01	0.01	0.01	49.80	ppb
Sodium	23-1	34.38	32.92	28.50	31.93	9.59	ppb
Strontium	86-1	-0.32	-0.28	-0.19	-0.27		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	45.68	ppb
Sulfur	34-1	-699.91	-597.23	-1304.61	-867.25		ppb
Terbium	159-1				103		%
Thallium	203-1	0.02	0.06	0.06	0.04	44.69	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	19.01	ppb
Thorium	232-1						cps
Tin	118-1	0.01	0.01	0.01	0.01	43.17	ppb
Titanium	47-1	-0.04	-0.05	-0.05	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	-0.01	-0.01	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	0.27	0.17	0.18	0.21	26.26	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	24.71	ppb
Zirconium	91-1	0.00	-0.02	0.02	0.00	1265.69	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : PB137921BS Instrumnet Name : P8
 Client Sample ID : PB137921BS Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:22:28 DataFile Name : 025LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10219.74	10318.91	9982.73	10173.79	1.70	ppb
Antimony	121-1	512.20	508.13	497.66	506.00	1.48	ppb
Arsenic	75-1	497.90	498.69	510.69	502.42	1.43	ppb
Barium	135-1	2547.88	2577.22	2505.77	2543.62	1.41	ppb
Barium	137-1	2570.55	2569.03	2478.74	2539.44	2.07	ppb
Beryllium	9-1	497.38	493.29	486.07	492.25	1.16	ppb
Bismuth	209-1				103		%
Boron	10-1	435.65	484.80	503.73	474.73	7.40	ppb
Bromine	81-1						cps
Cadmium	106-1	518.52	520.91	499.99	513.14	2.23	ppb
Cadmium	108-1	508.65	518.13	506.88	511.22	1.18	ppb
Cadmium	111-1	510.65	509.96	507.29	509.30	0.35	ppb
Calcium	43-1	52060.07	52601.41	51126.49	51929.32	1.44	ppb
Calcium	44-1	51402.26	51062.79	50162.82	50875.96	1.26	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	520.87	513.46	498.52	510.95	2.23	ppb
Cobalt	59-1	514.26	510.71	504.42	509.79	0.98	ppb
Copper	63-1	5132.73	5193.38	5050.42	5125.51	1.40	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				102		%
Iron	56-1	25823.63	25869.87	25308.86	25667.45	1.21	ppb
Iron	57-1	26233.43	26595.80	25875.33	26234.85	1.37	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2591.06	2474.15	2554.04	2539.75	2.35	ppb
Lead	207-1	2583.33	2491.74	2564.12	2546.39	1.90	ppb
Lead	208-1	2555.36	2483.73	2529.55	2522.88	1.44	ppb
Lithium	6-1				101		%
Magnesium	24-1	51018.96	51346.26	50684.73	51016.65	0.65	ppb
Manganese	55-1	5127.09	5130.14	5033.87	5097.03	1.07	ppb
Molybdenum	94-1	2498.87	2507.69	2558.50	2521.68	1.28	ppb
Molybdenum	95-1	2516.56	2497.19	2595.58	2536.45	2.05	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	PB137921BS	Instrumnet Name :	P8
Client Sample ID :	PB137921BS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:22:28	DataFile Name :	025LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2549.93	2517.51	2609.47	2558.97	1.82	ppb
Molybdenum	97-1	2557.16	2548.24	2596.21	2567.20	0.99	ppb
Molybdenum	98-1	2538.55	2544.14	2590.29	2557.66	1.11	ppb
Neodymium	150-1						cps
Nickel	60-1	498.13	495.66	491.63	495.14	0.66	ppb
Phosphorus	31-1	10237.93	10390.15	10095.29	10241.13	1.44	ppb
Potassium	39-1	25395.95	25950.43	25179.99	25508.79	1.56	ppb
Rhodium	103-1				99		%
Scandium	45-1				101		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	503.22	502.64	518.22	508.03	1.74	ppb
Silicon	28-1	466.59	534.15	532.43	511.05	7.54	ppb
Silver	107-1	513.29	513.51	508.27	511.69	0.58	ppb
Silver	109-1	516.46	509.19	510.36	512.01	0.76	ppb
Sodium	23-1	51312.50	52300.60	50127.65	51246.92	2.12	ppb
Strontium	86-1	5064.39	5170.03	5061.61	5098.68	1.21	ppb
Strontium	88-1	5046.87	5080.19	5121.13	5082.73	0.73	ppb
Sulfur	34-1	10317.01	9571.88	8487.77	9458.89	9.72	ppb
Terbium	159-1				104		%
Thallium	203-1	496.98	493.80	512.18	500.99	1.96	ppb
Thallium	205-1	513.85	491.79	509.85	505.16	2.33	ppb
Thorium	232-1						cps
Tin	118-1	511.50	516.57	506.30	511.46	1.00	ppb
Titanium	47-1	2573.02	2585.84	2548.99	2569.28	0.73	ppb
Uranium	238-1	479.76	501.77	502.97	494.83	2.64	ppb
Vanadium	51-1	509.07	511.17	505.92	508.72	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	5249.56	5153.02	5078.53	5160.37	1.66	ppb
Zirconium	90-1	504.47	508.53	514.26	509.09	0.97	ppb
Zirconium	91-1	493.11	500.89	510.67	501.56	1.75	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:25:21	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	50805.45	49540.89	49809.85	50052.07	1.33	ppb
Antimony	121-1	490.65	493.28	497.24	493.72	0.67	ppb
Arsenic	75-1	490.20	487.33	484.40	487.31	0.59	ppb
Barium	135-1	2489.08	2470.92	2482.37	2480.79	0.37	ppb
Barium	137-1	2478.25	2449.46	2434.68	2454.13	0.90	ppb
Beryllium	9-1	505.73	497.56	478.40	493.90	2.84	ppb
Bismuth	209-1				103		%
Boron	10-1	589.13	634.10	625.60	616.28	3.88	ppb
Bromine	81-1						cps
Cadmium	106-1	478.64	476.94	490.85	482.14	1.57	ppb
Cadmium	108-1	483.87	476.42	475.17	478.49	0.98	ppb
Cadmium	111-1	487.99	475.91	478.34	480.75	1.33	ppb
Calcium	43-1	249961.90	250340.86	245351.94	248551.57	1.12	ppb
Calcium	44-1	248916.36	249047.55	249141.86	249035.26	0.05	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	498.33	494.04	492.71	495.03	0.59	ppb
Cobalt	59-1	498.76	483.89	485.41	489.35	1.67	ppb
Copper	63-1	4904.68	4933.13	4737.75	4858.52	2.17	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				100		%
Iron	56-1	126011.80	123252.03	120452.01	123238.61	2.26	ppb
Iron	57-1	129547.71	124017.44	124758.45	126107.87	2.38	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2502.29	2466.74	2496.32	2488.45	0.77	ppb
Lead	207-1	2485.64	2475.48	2520.05	2493.72	0.94	ppb
Lead	208-1	2489.70	2469.80	2518.03	2492.51	0.97	ppb
Lithium	6-1				100		%
Magnesium	24-1	251515.23	250437.79	244240.70	248731.24	1.58	ppb
Manganese	55-1	5000.51	4911.74	4859.31	4923.85	1.45	ppb
Molybdenum	94-1	2541.72	2504.55	2488.54	2511.60	1.09	ppb
Molybdenum	95-1	2554.05	2486.64	2504.80	2515.16	1.39	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:25:21	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	2553.98	2502.94	2520.41	2525.78	1.03	ppb
Molybdenum	97-1	2563.51	2509.37	2523.50	2532.12	1.11	ppb
Molybdenum	98-1	2548.40	2517.67	2519.12	2528.40	0.69	ppb
Neodymium	150-1						cps
Nickel	60-1	477.92	469.96	456.91	468.26	2.26	ppb
Phosphorus	31-1	10283.74	9992.71	9938.45	10071.64	1.84	ppb
Potassium	39-1	127102.12	123376.04	122930.80	124469.65	1.84	ppb
Rhodium	103-1				97		%
Scandium	45-1				103		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	490.24	487.96	480.14	486.12	1.09	ppb
Silicon	28-1	455.01	488.83	499.69	481.18	4.84	ppb
Silver	107-1	485.62	486.90	481.50	484.67	0.58	ppb
Silver	109-1	486.73	473.56	487.55	482.61	1.63	ppb
Sodium	23-1	251843.03	244920.12	247252.83	248005.33	1.42	ppb
Strontium	86-1	5040.06	5026.37	4880.90	4982.44	1.77	ppb
Strontium	88-1	4931.48	5008.50	4939.02	4959.67	0.86	ppb
Sulfur	34-1	9441.92	8166.18	7292.82	8300.31	13.02	ppb
Terbium	159-1				105		%
Thallium	203-1	500.90	495.16	499.24	498.43	0.59	ppb
Thallium	205-1	498.22	489.64	497.98	495.28	0.99	ppb
Thorium	232-1						cps
Tin	118-1	492.48	493.60	488.42	491.50	0.55	ppb
Titanium	47-1	2571.38	2560.64	2531.00	2554.34	0.82	ppb
Uranium	238-1	503.65	501.20	507.89	504.25	0.67	ppb
Vanadium	51-1	500.31	501.00	494.93	498.75	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	4999.33	4996.00	4726.03	4907.12	3.20	ppb
Zirconium	90-1	506.66	505.14	496.04	502.61	1.14	ppb
Zirconium	91-1	503.49	486.54	482.80	490.94	2.25	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:34:11	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.35	0.38	0.35	0.36	5.42	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	5.89	ppb
Arsenic	75-1	0.05	-0.04	0.01	0.01	814.03	ppb
Barium	135-1	0.10	0.03	0.02	0.05	77.31	ppb
Barium	137-1	0.04	0.00	0.01	0.01	159.33	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	80.23	ppb
Bismuth	209-1				103		%
Boron	10-1	56.26	59.90	56.78	57.65	3.41	ppb
Bromine	81-1						cps
Cadmium	106-1	0.36	-1.05	-1.01	-0.56		ppb
Cadmium	108-1	0.05	0.62	0.22	0.30	98.67	ppb
Cadmium	111-1	0.02	-0.08	-0.05	-0.04		ppb
Calcium	43-1	-2.17	-0.06	-4.22	-2.15		ppb
Calcium	44-1	-2.01	5.16	-5.97	-0.94		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.08	0.09	0.04	0.07	38.31	ppb
Cobalt	59-1	-0.01	0.00	-0.02	-0.01		ppb
Copper	63-1	0.13	0.13	0.10	0.12	17.46	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				99		%
Iron	56-1	10.39	16.08	5.89	10.79	47.35	ppb
Iron	57-1	-14.96	-11.67	-15.38	-14.00		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.21	0.22	0.21	6.76	ppb
Lead	207-1	0.27	0.22	0.17	0.22	21.07	ppb
Lead	208-1	0.23	0.21	0.20	0.22	7.83	ppb
Lithium	6-1				98		%
Magnesium	24-1	0.47	0.36	0.37	0.40	15.92	ppb
Manganese	55-1	0.12	0.16	0.10	0.13	21.40	ppb
Molybdenum	94-1	0.00	0.02	0.04	0.02	107.91	ppb
Molybdenum	95-1	0.01	0.01	0.04	0.02	72.60	ppb

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:34:11	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	96-1	-0.03	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	41.66	ppb
Molybdenum	98-1	0.03	0.02	0.01	0.02	57.89	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.05	0.02	-0.01	-0.01		ppb
Phosphorus	31-1	-7.01	-3.25	-7.43	-5.90		ppb
Potassium	39-1	24.59	36.34	15.56	25.50	40.88	ppb
Rhodium	103-1				100		%
Scandium	45-1				98		%
Selenium	77-1						ppb
Selenium	78-1						ppb
Selenium	82-1	1.73	-0.75	-0.72	0.09	1632.83	ppb
Silicon	28-1	-0.48	-0.91	-1.97	-1.12		ppb
Silver	107-1	0.01	0.01	0.02	0.01	41.85	ppb
Silver	109-1	0.01	0.01	0.00	0.01	51.20	ppb
Sodium	23-1	41.86	41.56	37.41	40.28	6.19	ppb
Strontium	86-1	-0.29	0.00	-0.07	-0.12		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	35.01	ppb
Sulfur	34-1	-1201.68	-552.37	-1452.66	-1068.90		ppb
Terbium	159-1				101		%
Thallium	203-1	0.07	0.08	0.08	0.08	5.41	ppb
Thallium	205-1	0.06	0.09	0.05	0.06	31.45	ppb
Thorium	232-1						cps
Tin	118-1	0.02	0.00	0.02	0.02	82.10	ppb
Titanium	47-1	0.00	0.05	-0.11	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	-0.01	-0.02	-0.02	-0.02		ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	0.29	0.26	0.36	0.30	17.27	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	54.05	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	30.49	ppb

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:15:26 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	14993	16637	15504	15711	5.35	cps
Antimony	121-1	600	492	475	522	13.00	cps
Arsenic	75-1	550	592	675	606	10.51	cps
Barium	135-1	67	175	67	103	60.86	cps
Barium	137-1	242	200	208	217	10.17	cps
Beryllium	9-1	144	144	210	166	22.96	cps
Bismuth	209-1	3116720	3097078	3100264	3104687	0.34	cps
Boron	10-1	334	348	304	329	6.84	cps
Bromine	81-1	2383	2303	2072	2253	7.15	cps
Cadmium	106-1	1650	1750	1617	1672	4.15	cps
Cadmium	108-1	142	229	367	246	46.14	cps
Cadmium	111-1	1214	1227	1046	1162	8.70	cps
Calcium	43-1	505	499	536	513	3.91	cps
Calcium	44-1	69074	69474	68857	69135	0.45	cps
Carbon	12-1	3073618	3162225	3132917	3122920	1.45	cps
Chlorine	35-1	2065835	1919903	1804960	1930233	6.77	cps
Chromium	52-1	11737	12047	12699	12161	4.04	cps
Cobalt	59-1	811	941	921	891	7.87	cps
Copper	63-1	3807	3864	3817	3829	0.79	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Erbium	164-1	58	25	17	33	66.13	cps
Gadolinium	160-1	42	33	83	53	50.76	cps
Holmium	165-1	4803436	4841800	4681035	4775424	1.76	cps
Indium	115-1	4273637	4238586	4267009	4259744	0.44	cps
Iron	56-1	2081050	2032629	2078973	2064217	1.33	cps
Iron	57-1	37849	37698	38441	37996	1.03	cps
Iron	54-1						cps
Krypton	83-1	1557	1550	1517	1541	1.39	cps
Lead	206-1	1239	1122	1278	1213	6.67	cps
Lead	207-1	1100	822	895	939	15.35	cps
Lead	208-1	4762	4356	4778	4632	5.16	cps
Lithium	6-1	1639161	1638462	1621352	1632991	0.62	cps
Magnesium	24-1	22450	23312	23994	23252	3.33	cps
Manganese	55-1	7880	7530	8371	7927	5.33	cps
Molybdenum	94-1	467	308	367	381	21.04	cps
Molybdenum	95-1	442	300	333	358	20.67	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:15:26	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	542	358	558	486	22.83	cps
Molybdenum	97-1	183	225	225	211	11.40	cps
Molybdenum	98-1	592	492	517	533	9.76	cps
Neodymium	150-1	33	13	0	16	107.86	cps
Nickel	60-1	561	440	450	484	13.78	cps
Phosphorus	31-1	23062	22150	22681	22631	2.02	cps
Potassium	39-1	3895150	3895557	3913106	3901271	0.26	cps
Rhodium	103-1	4238217	4352481	4317805	4302834	1.36	cps
Scandium	45-1	3178146	3162568	3147635	3162783	0.48	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	-2	-85	-52	-46	-90.06	cps
Silicon	28-1	262119	260349	262648	261705	0.46	cps
Silver	107-1	108	50	75	78	37.63	cps
Silver	109-1	17	100	100	72	66.61	cps
Sodium	23-1	1035294	1055554	1040941	1043930	1.00	cps
Strontium	86-1	2600	2517	2634	2584	2.33	cps
Strontium	88-1	2134	1984	2075	2064	3.66	cps
Sulfur	34-1	481633	486355	485902	484630	0.54	cps
Terbium	159-1	4993337	4935929	5017399	4982222	0.84	cps
Thallium	203-1	2117	2409	2609	2378	10.40	cps
Thallium	205-1	5401	5626	5610	5546	2.26	cps
Thorium	232-1	440	491	551	494	11.16	cps
Tin	118-1	900	1067	825	931	13.29	cps
Titanium	47-1	392	408	350	383	7.84	cps
Uranium	238-1	350	475	483	436	17.13	cps
Vanadium	51-1	751	701	901	784	13.29	cps
Ytterbium	172-1	58	100	75	78	26.96	cps
Ytterbium	176-1	550	442	667	553	20.36	cps
Yttrium	89-1	7565052	7843862	7698273	7702395	1.81	cps
Zinc	66-1	2132	2483	1962	2192	12.11	cps
Zirconium	90-1	492	525	533	517	4.27	cps
Zirconium	91-1	125	175	150	150	16.67	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:44:53 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	7540	7139	8311	7663	7.77	cps
Antimony	121-1	75	33	42	50	44.10	cps
Arsenic	75-1	133	167	133	144	13.32	cps
Barium	135-1	0	25	33	19	89.21	cps
Barium	137-1	25	58	58	47	40.75	cps
Beryllium	9-1	34	40	24	33	24.73	cps
Bismuth	209-1	3206391	3177231	3180944	3188189	0.50	cps
Boron	10-1	208	276	220	235	15.47	cps
Bromine	81-1	2212	2503	2082	2266	9.50	cps
Cadmium	106-1	1542	1542	1575	1553	1.24	cps
Cadmium	108-1	8	50	17	25	88.19	cps
Cadmium	111-1	1082	1069	1112	1088	2.01	cps
Calcium	43-1	501	489	495	495	1.26	cps
Calcium	44-1	65309	64648	64822	64926	0.53	cps
Carbon	12-1	2930764	2918294	2952223	2933760	0.58	cps
Chlorine	35-1	281455	276367	276726	278183	1.02	cps
Chromium	52-1	11106	10635	11016	10919	2.29	cps
Cobalt	59-1	370	541	581	497	22.45	cps
Copper	63-1	2607	2614	2560	2594	1.12	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Erbium	164-1	75	33	42	50	44.10	cps
Gadolinium	160-1	83	50	42	58	37.80	cps
Holmium	165-1	4999526	4943688	4902665	4948626	0.98	cps
Indium	115-1	4410493	4355176	4290218	4351962	1.38	cps
Iron	56-1	2049460	2041391	2005326	2032059	1.16	cps
Iron	57-1	37919	35942	37628	37163	2.87	cps
Iron	54-1						cps
Krypton	83-1	1420	1433	1443	1432	0.82	cps
Lead	206-1	461	506	433	467	7.81	cps
Lead	207-1	339	350	461	383	17.63	cps
Lead	208-1	1733	1950	1883	1856	5.98	cps
Lithium	6-1	1658618	1699534	1694934	1684362	1.33	cps
Magnesium	24-1	3915	3404	3584	3634	7.13	cps
Manganese	55-1	6088	5857	6398	6114	4.44	cps
Molybdenum	94-1	175	175	250	200	21.65	cps
Molybdenum	95-1	50	50	25	42	34.64	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:44:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	142	158	208	169	20.48	cps
Molybdenum	97-1	42	8	8	19	99.00	cps
Molybdenum	98-1	67	33	8	36	81.06	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Nickel	60-1	270	370	280	307	17.96	cps
Phosphorus	31-1	23734	22250	22982	22988	3.23	cps
Potassium	39-1	3820426	3836232	3816688	3824449	0.27	cps
Rhodium	103-1	4473729	4378377	4358523	4403543	1.40	cps
Scandium	45-1	3280347	3186342	3306452	3257714	1.94	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	55	32	3	30	86.22	cps
Silicon	28-1	251868	252348	252130	252115	0.10	cps
Silver	107-1	67	33	42	47	36.74	cps
Silver	109-1	17	8	8	11	43.34	cps
Sodium	23-1	887829	893083	895052	891988	0.42	cps
Strontium	86-1	2625	2534	2384	2514	4.85	cps
Strontium	88-1	683	617	692	664	6.19	cps
Sulfur	34-1	484996	492253	486496	487915	0.79	cps
Terbium	159-1	5251616	5108605	5103093	5154438	1.63	cps
Thallium	203-1	558	383	292	411	32.96	cps
Thallium	205-1	1017	967	1100	1028	6.55	cps
Thorium	232-1	40	50	40	43	13.32	cps
Tin	118-1	133	167	267	189	36.74	cps
Titanium	47-1	267	192	325	261	25.60	cps
Uranium	238-1	8	0	25	11	114.58	cps
Vanadium	51-1	460	450	240	384	32.41	cps
Ytterbium	172-1	25	33	25	28	17.31	cps
Ytterbium	176-1	633	575	550	586	7.30	cps
Yttrium	89-1	7950817	7743929	7826905	7840550	1.33	cps
Zinc	66-1	1171	1602	1281	1351	16.55	cps
Zirconium	90-1	383	500	467	450	13.35	cps
Zirconium	91-1	83	83	67	78	12.37	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:47:59 DataFile Name : 004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	165629	164566	164950	165048	0.33	cps
Antimony	121-1	8128	8228	9103	8486	6.32	cps
Arsenic	75-1	1558	1242	1383	1395	11.38	cps
Barium	135-1	8561	8962	8936	8820	2.54	cps
Barium	137-1	15150	14975	15609	15245	2.15	cps
Beryllium	9-1	1172	1276	1190	1212	4.58	cps
Bismuth	209-1	3211258	3175491	3153757	3180169	0.91	cps
Boron	10-1	1858	2164	2310	2110	10.93	cps
Bromine	81-1	2162	2122	2132	2139	0.97	cps
Cadmium	106-1	1775	1633	1725	1711	4.20	cps
Cadmium	108-1	142	104	129	125	15.27	cps
Cadmium	111-1	2394	2116	2309	2273	6.25	cps
Calcium	43-1	7221	7016	7106	7114	1.44	cps
Calcium	44-1	172664	174150	172887	173234	0.46	cps
Carbon	12-1	2972241	2995773	2982450	2983488	0.40	cps
Chlorine	35-1	271427	265935	262558	266640	1.68	cps
Chromium	52-1	28467	28939	28758	28721	0.83	cps
Cobalt	59-1	9884	9633	9533	9683	1.86	cps
Copper	63-1	12789	13330	13096	13072	2.07	cps
Dysprosium	156-1	0	8	33	14	124.91	cps
Erbium	164-1	25	0	17	14	91.65	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Holmium	165-1	4881901	4917660	4920843	4906801	0.44	cps
Indium	115-1	4312666	4288834	4301014	4300838	0.28	cps
Iron	56-1	2458578	2471788	2419723	2450029	1.10	cps
Iron	57-1	48231	49425	50340	49332	2.14	cps
Iron	54-1						cps
Krypton	83-1	1497	1233	1467	1399	10.31	cps
Lead	206-1	3173	3062	3251	3162	3.00	cps
Lead	207-1	2950	2850	2684	2828	4.76	cps
Lead	208-1	13347	12580	12447	12792	3.80	cps
Lithium	6-1	1626485	1658857	1695539	1660294	2.08	cps
Magnesium	24-1	2770738	2732677	2755967	2753127	0.70	cps
Manganese	55-1	16817	17358	17138	17104	1.59	cps
Molybdenum	94-1	8953	9087	8895	8978	1.10	cps
Molybdenum	95-1	11005	10412	10830	10749	2.83	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:47:59	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	12206	12339	12339	12295	0.63	cps
Molybdenum	97-1	7035	7119	6593	6916	4.08	cps
Molybdenum	98-1	17028	17445	18204	17559	3.40	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Nickel	60-1	2843	2593	2603	2680	5.29	cps
Phosphorus	31-1	22661	21558	22340	22186	2.56	cps
Potassium	39-1	7192536	7183748	7117471	7164585	0.57	cps
Rhodium	103-1	4421886	4272277	4332610	4342257	1.73	cps
Scandium	45-1	3241078	3262846	3187451	3230458	1.20	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	330	588	287	402	40.57	cps
Silicon	28-1	284262	289164	286072	286499	0.87	cps
Silver	107-1	4834	4693	4968	4832	2.85	cps
Silver	109-1	4801	4984	5076	4954	2.83	cps
Sodium	23-1	4630834	4595492	4615482	4613936	0.38	cps
Strontium	86-1	3726	3851	3526	3701	4.43	cps
Strontium	88-1	11930	11772	11663	11789	1.14	cps
Sulfur	34-1	477328	485192	486320	482947	1.01	cps
Terbium	159-1	5105178	5042893	5150908	5099660	1.06	cps
Thallium	203-1	3609	3392	3742	3581	4.93	cps
Thallium	205-1	8578	8878	9170	8876	3.34	cps
Thorium	232-1	10	30	50	30	66.67	cps
Tin	118-1	16227	14984	16068	15759	4.29	cps
Titanium	47-1	3934	3576	3876	3795	5.07	cps
Uranium	238-1	10179	11080	10680	10646	4.24	cps
Vanadium	51-1	46925	49295	48864	48361	2.61	cps
Ytterbium	172-1	25	25	33	28	17.31	cps
Ytterbium	176-1	550	517	533	533	3.12	cps
Yttrium	89-1	8008776	7823138	7792892	7874936	1.48	cps
Zinc	66-1	4395	4165	4125	4228	3.45	cps
Zirconium	90-1	7694	7402	7402	7499	2.25	cps
Zirconium	91-1	1583	1750	1767	1700	5.96	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:51:02 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6731757	7064204	7234147	7010036	3.65	cps
Antimony	121-1	194541	215867	219392	209933	6.41	cps
Arsenic	75-1	53193	62556	63150	59633	9.37	cps
Barium	135-1	212670	229282	229215	223722	4.28	cps
Barium	137-1	359800	391790	399214	383601	5.46	cps
Beryllium	9-1	55333	61601	61881	59605	6.21	cps
Bismuth	209-1	3687990	3225525	2997752	3303756	10.65	cps
Boron	10-1	3722	4734	4982	4479	14.90	cps
Bromine	81-1	1882	2253	2263	2132	10.17	cps
Cadmium	106-1	6760	7027	6735	6841	2.36	cps
Cadmium	108-1	3513	3671	3721	3635	2.99	cps
Cadmium	111-1	49923	54071	54835	52943	4.99	cps
Calcium	43-1	64820	72572	73276	70223	6.68	cps
Calcium	44-1	1102535	1219338	1250768	1190880	6.56	cps
Carbon	12-1	3232652	3045669	3104732	3127684	3.06	cps
Chlorine	35-1	253204	259387	255995	256195	1.21	cps
Chromium	52-1	408027	436887	441399	428771	4.22	cps
Cobalt	59-1	451556	500430	500556	484181	5.84	cps
Copper	63-1	2470999	2713407	2729647	2638018	5.49	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Erbium	164-1	42	25	17	28	45.82	cps
Gadolinium	160-1	83	67	83	78	12.37	cps
Holmium	165-1	5789257	5112629	4691128	5197671	10.66	cps
Indium	115-1	5252892	4464240	4011288	4576140	13.73	cps
Iron	56-1	23000416	25031449	25788976	24606947	5.86	cps
Iron	57-1	561171	615207	627148	601175	5.85	cps
Iron	54-1						cps
Krypton	83-1	1994	1500	1377	1623	20.10	cps
Lead	206-1	644050	695718	711484	683751	5.16	cps
Lead	207-1	554712	617823	630845	601127	6.77	cps
Lead	208-1	2548904	2809432	2882591	2746976	6.38	cps
Lithium	6-1	1937431	1710990	1615207	1754542	9.43	cps
Magnesium	24-1	26525056	29441510	29703929	28556832	6.18	cps
Manganese	55-1	5177944	5609784	5685616	5491115	4.99	cps
Molybdenum	94-1	420516	455717	467948	448060	5.50	cps
Molybdenum	95-1	519976	570791	574047	554938	5.46	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:51:02	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	572503	640170	625945	612873	5.82	cps
Molybdenum	97-1	316688	347188	347752	337209	5.27	cps
Molybdenum	98-1	821197	904073	924579	883283	6.20	cps
Neodymium	150-1	13	0	40	18	114.57	cps
Nickel	60-1	103964	111940	111738	109214	4.16	cps
Phosphorus	31-1	326426	356743	359542	347570	5.28	cps
Potassium	39-1	19691528	21863361	21752685	21102525	5.80	cps
Rhodium	103-1	5116066	4510374	4092305	4572915	11.26	cps
Scandium	45-1	3863770	3323391	3102555	3429906	11.42	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	3032	3415	3548	3332	8.04	cps
Silicon	28-1	533374	487520	507785	509560	4.51	cps
Silver	107-1	247451	273152	276555	265719	5.99	cps
Silver	109-1	235876	258171	265475	253174	6.09	cps
Sodium	23-1	35976415	39668632	39880035	38508361	5.70	cps
Strontium	86-1	602558	672566	676309	650478	6.39	cps
Strontium	88-1	5151585	5676463	5663661	5497236	5.45	cps
Sulfur	34-1	496299	508769	500676	501915	1.26	cps
Terbium	159-1	6286617	5286031	4909383	5494011	12.96	cps
Thallium	203-1	157541	173861	176040	169148	5.98	cps
Thallium	205-1	366970	403536	414206	394904	6.27	cps
Thorium	232-1	512724	577110	579607	556480	6.81	cps
Tin	118-1	147013	162339	165332	158228	6.21	cps
Titanium	47-1	154323	175684	174183	168063	7.09	cps
Uranium	238-1	495480	545249	553885	531538	5.93	cps
Vanadium	51-1	444190	496373	483358	474640	5.72	cps
Ytterbium	172-1	8	25	17	17	50.01	cps
Ytterbium	176-1	717	408	608	578	27.07	cps
Yttrium	89-1	9141071	7977230	7214401	8110901	11.96	cps
Zinc	66-1	611229	679820	696672	662573	6.83	cps
Zirconium	90-1	333421	365860	364318	354533	5.16	cps
Zirconium	91-1	74769	80465	82377	79204	5.00	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:54:07 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	17108539	17450905	17487251	17348898	1.20	cps
Antimony	121-1	542303	550176	546583	546354	0.72	cps
Arsenic	75-1	152468	154921	153471	153620	0.80	cps
Barium	135-1	579579	578455	569983	576006	0.91	cps
Barium	137-1	1002859	987695	1000331	996962	0.81	cps
Beryllium	9-1	153652	154022	154327	154000	0.22	cps
Bismuth	209-1	3270380	3249370	3255722	3258491	0.33	cps
Boron	10-1	10530	11314	12477	11440	8.56	cps
Bromine	81-1	2192	2363	2673	2409	10.11	cps
Cadmium	106-1	15159	15384	14491	15011	3.09	cps
Cadmium	108-1	9899	9341	9749	9663	2.99	cps
Cadmium	111-1	133408	135137	134071	134205	0.65	cps
Calcium	43-1	179444	180300	180857	180200	0.40	cps
Calcium	44-1	2965190	2953711	2997992	2972298	0.77	cps
Carbon	12-1	3216042	3218197	3234677	3222972	0.32	cps
Chlorine	35-1	257468	254312	250242	254007	1.43	cps
Chromium	52-1	1095365	1080388	1090203	1088652	0.70	cps
Cobalt	59-1	1238349	1263057	1248250	1249886	0.99	cps
Copper	63-1	6614547	6609751	6625527	6616608	0.12	cps
Dysprosium	156-1	42	25	75	47	53.91	cps
Erbium	164-1	25	50	50	42	34.64	cps
Gadolinium	160-1	83	108	42	78	43.30	cps
Holmium	165-1	5034127	5009311	4987009	5010149	0.47	cps
Indium	115-1	4348044	4316820	4311305	4325390	0.46	cps
Iron	56-1	60838745	61341682	59653355	60611261	1.43	cps
Iron	57-1	1453330	1485706	1468247	1469094	1.10	cps
Iron	54-1						cps
Krypton	83-1	1370	1520	1473	1455	5.28	cps
Lead	206-1	1862101	1892203	1841905	1865403	1.36	cps
Lead	207-1	1588162	1577352	1581247	1582254	0.35	cps
Lead	208-1	7429385	7360916	7334255	7374852	0.67	cps
Lithium	6-1	1745313	1706264	1712200	1721259	1.22	cps
Magnesium	24-1	71233576	73679372	71639102	72184016	1.82	cps
Manganese	55-1	14183965	14265249	13935182	14128132	1.22	cps
Molybdenum	94-1	1143299	1165639	1166613	1158517	1.14	cps
Molybdenum	95-1	1414350	1434181	1426294	1424941	0.70	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:54:07	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	1605456	1593409	1589364	1596076	0.52	cps
Molybdenum	97-1	889161	888251	879883	885765	0.58	cps
Molybdenum	98-1	2300994	2263418	2232764	2265725	1.51	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Nickel	60-1	276755	275751	274177	275561	0.47	cps
Phosphorus	31-1	871803	849200	859632	860211	1.32	cps
Potassium	39-1	47821541	47639434	47933398	47798124	0.31	cps
Rhodium	103-1	4363931	4376495	4367081	4369169	0.15	cps
Scandium	45-1	3240923	3298943	3316164	3285343	1.20	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	8824	8644	8718	8729	1.04	cps
Silicon	28-1	819832	884903	922776	875837	5.94	cps
Silver	107-1	684283	697107	689706	690365	0.93	cps
Silver	109-1	661588	662025	661099	661571	0.07	cps
Sodium	23-1	96524041	97996711	95336403	96619051	1.38	cps
Strontium	86-1	1686665	1642701	1679226	1669531	1.41	cps
Strontium	88-1	14534506	14030204	14006126	14190279	2.10	cps
Sulfur	34-1	530780	531686	523205	528557	0.88	cps
Terbium	159-1	5273139	5243547	5181244	5232643	0.90	cps
Thallium	203-1	438852	441180	442723	440918	0.44	cps
Thallium	205-1	1044973	1049013	1036761	1043582	0.60	cps
Thorium	232-1	1447399	1501530	1447394	1465441	2.13	cps
Tin	118-1	405488	410228	411323	409013	0.76	cps
Titanium	47-1	434026	439859	433525	435803	0.81	cps
Uranium	238-1	1396393	1424207	1404434	1408344	1.02	cps
Vanadium	51-1	1226085	1210354	1217302	1217913	0.65	cps
Ytterbium	172-1	0	8	8	6	86.60	cps
Ytterbium	176-1	575	508	542	542	6.15	cps
Yttrium	89-1	7997641	7782794	7691809	7824081	2.01	cps
Zinc	66-1	1711599	1708112	1700283	1706664	0.34	cps
Zirconium	90-1	926565	928997	913019	922861	0.93	cps
Zirconium	91-1	205921	204221	206500	205547	0.58	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 11:57:10 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	34521600	34811761	35879487	35070949	2.04	cps
Antimony	121-1	1079893	1077877	1097883	1085218	1.01	cps
Arsenic	75-1	301971	305664	309650	305761	1.26	cps
Barium	135-1	1139438	1137276	1151896	1142870	0.69	cps
Barium	137-1	1983845	1940092	1972732	1965556	1.16	cps
Beryllium	9-1	305174	305605	304033	304938	0.27	cps
Bismuth	209-1	3239930	3194293	2950474	3128232	4.97	cps
Boron	10-1	20022	23138	24740	22633	10.60	cps
Bromine	81-1	2523	2052	2002	2192	13.10	cps
Cadmium	106-1	27637	28221	28021	27959	1.06	cps
Cadmium	108-1	19526	18558	19656	19247	3.12	cps
Cadmium	111-1	264778	263497	265329	264535	0.36	cps
Calcium	43-1	356278	354975	360119	357124	0.75	cps
Calcium	44-1	5685438	5804349	5749801	5746529	1.04	cps
Carbon	12-1	3332947	3507558	3529122	3456542	3.11	cps
Chlorine	35-1	251660	246786	242437	246961	1.87	cps
Chromium	52-1	2214689	2161884	2254779	2210451	2.11	cps
Cobalt	59-1	2525715	2421744	2505435	2484298	2.22	cps
Copper	63-1	13181233	13026342	13302274	13169950	1.05	cps
Dysprosium	156-1	100	83	67	83	20.00	cps
Erbium	164-1	8	33	33	25	57.74	cps
Gadolinium	160-1	100	83	67	83	20.00	cps
Holmium	165-1	5029551	4968957	4658950	4885819	4.07	cps
Indium	115-1	4401341	4242824	4013236	4219133	4.62	cps
Iron	56-1	118155446	116251795	118761955	117723066	1.11	cps
Iron	57-1	2874021	2812113	2893403	2859846	1.48	cps
Iron	54-1						cps
Krypton	83-1	1457	1373	1583	1471	7.19	cps
Lead	206-1	3659827	3616130	3723455	3666471	1.47	cps
Lead	207-1	3211212	3180620	3232707	3208180	0.82	cps
Lead	208-1	14609050	14425119	14661144	14565105	0.85	cps
Lithium	6-1	1743226	1743706	1590649	1692527	5.21	cps
Magnesium	24-1	146857287	144731371	142502222	144696960	1.51	cps
Manganese	55-1	27981004	27875189	28265774	28040656	0.72	cps
Molybdenum	94-1	2268322	2289302	2269118	2275581	0.52	cps
Molybdenum	95-1	2861404	2826461	2867446	2851770	0.78	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 11:57:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	3179785	3136725	3211003	3175837	1.17	cps
Molybdenum	97-1	1762230	1759673	1753822	1758575	0.25	cps
Molybdenum	98-1	4564072	4525460	4531194	4540242	0.46	cps
Neodymium	150-1	80	93	40	71	39.03	cps
Nickel	60-1	550991	543746	544972	546569	0.71	cps
Phosphorus	31-1	1601900	1621346	1632875	1618707	0.97	cps
Potassium	39-1	91706226	92299031	92687549	92230935	0.54	cps
Rhodium	103-1	4360645	4391505	4034625	4262258	4.64	cps
Scandium	45-1	3208195	3215100	3002965	3142086	3.84	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	16937	17467	17220	17208	1.54	cps
Silicon	28-1	1151226	1240273	1323985	1238495	6.98	cps
Silver	107-1	1333069	1357808	1339990	1343622	0.95	cps
Silver	109-1	1297455	1284809	1313828	1298697	1.12	cps
Sodium	23-1	196119162	190814968	194626610	193853580	1.41	cps
Strontium	86-1	3351442	3288667	3289959	3310023	1.08	cps
Strontium	88-1	28311843	28100163	28551741	28321249	0.80	cps
Sulfur	34-1	556658	564831	558464	559984	0.77	cps
Terbium	159-1	5202948	5129530	4788930	5040469	4.38	cps
Thallium	203-1	865816	877676	880927	874806	0.91	cps
Thallium	205-1	2055855	2062969	2076566	2065130	0.51	cps
Thorium	232-1	3016015	2987975	3001208	3001733	0.47	cps
Tin	118-1	812520	813391	821358	815756	0.60	cps
Titanium	47-1	854127	876391	877009	869176	1.50	cps
Uranium	238-1	2765524	2806960	2821065	2797850	1.03	cps
Vanadium	51-1	2440087	2459969	2514027	2471361	1.55	cps
Ytterbium	172-1	25	0	25	17	86.60	cps
Ytterbium	176-1	408	442	542	464	14.96	cps
Yttrium	89-1	7775508	7762416	7314366	7617430	3.45	cps
Zinc	66-1	3321615	3361988	3390746	3358116	1.03	cps
Zirconium	90-1	1809741	1812316	1849946	1824001	1.23	cps
Zirconium	91-1	403846	407577	409679	407034	0.73	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:00:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	67553306	68043068	69998458	68531611	1.89	cps
Antimony	121-1	2156436	2172618	2162677	2163910	0.38	cps
Arsenic	75-1	599568	608553	609184	605768	0.89	cps
Barium	135-1	2284438	2267625	2302000	2284687	0.75	cps
Barium	137-1	3913373	3895355	3922400	3910376	0.35	cps
Beryllium	9-1	592861	594659	593308	593609	0.16	cps
Bismuth	209-1	3226209	3176058	3223434	3208567	0.88	cps
Boron	10-1	41781	47244	50075	46367	9.09	cps
Bromine	81-1	2393	2132	2343	2289	6.03	cps
Cadmium	106-1	55680	54157	56115	55317	1.86	cps
Cadmium	108-1	37718	37952	38270	37980	0.73	cps
Cadmium	111-1	524778	523443	530070	526097	0.67	cps
Calcium	43-1	704120	715660	711020	710267	0.82	cps
Calcium	44-1	11231334	11501957	11352656	11361983	1.19	cps
Carbon	12-1	3814603	4066586	4166402	4015864	4.51	cps
Chlorine	35-1	239592	237889	238651	238711	0.36	cps
Chromium	52-1	4238592	4295571	4214942	4249701	0.98	cps
Cobalt	59-1	4853399	4953253	4858396	4888349	1.15	cps
Copper	63-1	26188954	26547195	25625374	26120508	1.78	cps
Dysprosium	156-1	133	117	150	133	12.50	cps
Erbium	164-1	58	58	58	58	0.00	cps
Gadolinium	160-1	167	192	83	147	38.53	cps
Holmium	165-1	5070412	5179481	5023763	5091219	1.57	cps
Indium	115-1	4284394	4313883	4426727	4341668	1.73	cps
Iron	56-1	231109621	233846834	231217139	232057865	0.67	cps
Iron	57-1	5464543	5596199	5560923	5540555	1.23	cps
Iron	54-1						cps
Krypton	83-1	1427	1387	1470	1428	2.92	cps
Lead	206-1	7175864	7317786	7168452	7220701	1.17	cps
Lead	207-1	6222721	6289132	6225059	6245637	0.60	cps
Lead	208-1	28579327	28901538	28690785	28723883	0.57	cps
Lithium	6-1	1650616	1717197	1653443	1673752	2.25	cps
Magnesium	24-1	282501982	290965866	292642562	288703470	1.88	cps
Manganese	55-1	56240056	55470507	55760958	55823840	0.70	cps
Molybdenum	94-1	4518371	4553179	4575800	4549117	0.64	cps
Molybdenum	95-1	5577233	5675121	5563507	5605287	1.09	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:00:16	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	6194376	6359602	6191282	6248420	1.54	cps
Molybdenum	97-1	3505706	3435889	3386272	3442622	1.74	cps
Molybdenum	98-1	8878522	8842817	8789796	8837045	0.51	cps
Neodymium	150-1	120	67	87	91	29.57	cps
Nickel	60-1	1079965	1085626	1071202	1078931	0.67	cps
Phosphorus	31-1	3166370	3146729	3146329	3153142	0.36	cps
Potassium	39-1	176008507	178675364	181032937	178572269	1.41	cps
Rhodium	103-1	4263531	4382964	4276539	4307678	1.52	cps
Scandium	45-1	3229219	3345047	3212559	3262275	2.21	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	34542	34821	34518	34627	0.49	cps
Silicon	28-1	2162670	2341010	2424463	2309381	5.79	cps
Silver	107-1	2665141	2735255	2732267	2710888	1.46	cps
Silver	109-1	2565618	2629638	2585218	2593492	1.26	cps
Sodium	23-1	377866553	387556062	375205983	380209533	1.71	cps
Strontium	86-1	6540076	6565869	6541466	6549137	0.22	cps
Strontium	88-1	56055453	55835343	56629045	56173280	0.73	cps
Sulfur	34-1	648227	644200	652842	648423	0.67	cps
Terbium	159-1	5090581	5218524	5288697	5199267	1.93	cps
Thallium	203-1	1762316	1726061	1746650	1745009	1.04	cps
Thallium	205-1	4118944	4139751	4096777	4118491	0.52	cps
Thorium	232-1	6016601	5987142	6105814	6036519	1.02	cps
Tin	118-1	1598697	1586165	1648824	1611229	2.06	cps
Titanium	47-1	1699392	1714866	1708136	1707465	0.45	cps
Uranium	238-1	5556153	5553085	5538456	5549232	0.17	cps
Vanadium	51-1	4831053	4853794	4772258	4819035	0.87	cps
Ytterbium	172-1	8	25	17	17	50.01	cps
Ytterbium	176-1	500	500	567	522	7.37	cps
Yttrium	89-1	7730903	7854059	7822036	7802333	0.82	cps
Zinc	66-1	6525486	6709597	6585579	6606888	1.42	cps
Zirconium	90-1	3554788	3646376	3681440	3627535	1.80	cps
Zirconium	91-1	803016	824158	831580	819584	1.81	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:03:19 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	139524089	141962853	140210901	140565948	0.89	cps
Antimony	121-1	4282241	4371707	4399813	4351254	1.41	cps
Arsenic	75-1	1210533	1216936	1212763	1213411	0.27	cps
Barium	135-1	4640122	4563286	4638127	4613845	0.95	cps
Barium	137-1	7892837	7851062	7897525	7880474	0.32	cps
Beryllium	9-1	1173707	1190440	1191442	1185196	0.84	cps
Bismuth	209-1	3248842	3209284	3255038	3237721	0.77	cps
Boron	10-1	83971	93823	98614	92136	8.10	cps
Bromine	81-1	2202	2152	2112	2156	2.09	cps
Cadmium	106-1	106359	106157	108877	107131	1.41	cps
Cadmium	108-1	76322	75945	75317	75861	0.67	cps
Cadmium	111-1	1051809	1028446	1052295	1044184	1.31	cps
Calcium	43-1	1442200	1477995	1445641	1455279	1.36	cps
Calcium	44-1	22763456	23630070	22938155	23110561	1.98	cps
Carbon	12-1	5323471	5710483	6199248	5744400	7.64	cps
Chlorine	35-1	239491	241203	234749	238481	1.40	cps
Chromium	52-1	8409405	8352247	8533115	8431589	1.10	cps
Cobalt	59-1	9675224	9834077	9805074	9771458	0.87	cps
Copper	63-1	51767626	51331211	50978259	51359032	0.77	cps
Dysprosium	156-1	217	200	250	222	11.46	cps
Erbium	164-1	58	108	108	92	31.50	cps
Gadolinium	160-1	225	325	267	272	18.45	cps
Holmium	165-1	5107980	5160905	5179879	5149588	0.72	cps
Indium	115-1	4257489	4314995	4420736	4331074	1.91	cps
Iron	56-1	461186590	457920935	465080064	461395863	0.78	cps
Iron	57-1	11059226	11253760	11148902	11153963	0.87	cps
Iron	54-1						cps
Krypton	83-1	1437	1483	1443	1455	1.74	cps
Lead	206-1	14375057	14449813	14651091	14491987	0.99	cps
Lead	207-1	12396243	12653221	12580680	12543381	1.06	cps
Lead	208-1	57501645	57524615	58380560	57802273	0.87	cps
Lithium	6-1	1679973	1648926	1697584	1675494	1.47	cps
Magnesium	24-1	567727568	572604965	591548287	577293607	2.18	cps
Manganese	55-1	111086052	111307666	111700509	111364742	0.28	cps
Molybdenum	94-1	9120886	8891760	9335484	9116043	2.43	cps
Molybdenum	95-1	11083339	11124743	11490099	11232727	1.99	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:03:19 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	12433642	12380992	12794827	12536487	1.80	cps
Molybdenum	97-1	6796312	6735954	7028763	6853676	2.26	cps
Molybdenum	98-1	17679104	17652382	18101499	17810995	1.41	cps
Neodymium	150-1	167	160	173	167	4.00	cps
Nickel	60-1	2208506	2245384	2215220	2223037	0.88	cps
Phosphorus	31-1	6235708	6247555	6246781	6243348	0.11	cps
Potassium	39-1	349973251	359697225	364556344	358075606	2.07	cps
Rhodium	103-1	4333774	4261254	4340877	4311968	1.02	cps
Scandium	45-1	3280922	3345665	3375292	3333960	1.45	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	68205	68456	68483	68381	0.22	cps
Silicon	28-1	4183678	4535944	4706325	4475316	5.96	cps
Silver	107-1	5382558	5379372	5356528	5372819	0.26	cps
Silver	109-1	5055002	5162851	5174705	5130853	1.29	cps
Sodium	23-1	749541075	753898011	768743877	757394321	1.33	cps
Strontium	86-1	13210574	13024230	13185010	13139938	0.77	cps
Strontium	88-1	114664178	111869786	114516328	113683430	1.38	cps
Sulfur	34-1	846734	838752	835001	840162	0.71	cps
Terbium	159-1	5271326	5289240	5432396	5330987	1.66	cps
Thallium	203-1	3533663	3529717	3608333	3557237	1.25	cps
Thallium	205-1	8150292	8077296	8408960	8212183	2.12	cps
Thorium	232-1	12113943	12065402	12361139	12180161	1.30	cps
Tin	118-1	3204528	3252470	3243137	3233378	0.79	cps
Titanium	47-1	3353992	3378519	3372016	3368176	0.38	cps
Uranium	238-1	11520046	11145923	11415772	11360580	1.70	cps
Vanadium	51-1	9466489	9589147	9672732	9576123	1.08	cps
Ytterbium	172-1	17	8	8	11	43.34	cps
Ytterbium	176-1	533	533	542	536	0.90	cps
Yttrium	89-1	7959550	7849684	7903976	7904403	0.69	cps
Zinc	66-1	13015958	12936670	12985793	12979474	0.31	cps
Zirconium	90-1	7299468	7240172	7314149	7284596	0.54	cps
Zirconium	91-1	1676547	1635420	1658121	1656696	1.24	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:06:25 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	684138394	697284560	704350706	695257887	1.48	cps
Antimony	121-1	4276	3917	4251	4148	4.82	cps
Arsenic	75-1	733	733	683	717	4.03	cps
Barium	135-1	2267	1967	2059	2097	7.33	cps
Barium	137-1	4017	3642	3651	3770	5.68	cps
Beryllium	9-1	342	268	226	279	21.08	cps
Bismuth	209-1	3173967	3143399	3038483	3118616	2.28	cps
Boron	10-1	15429	13918	12697	14015	9.77	cps
Bromine	81-1	2763	2643	2393	2600	7.27	cps
Cadmium	106-1	1900	1592	1467	1653	13.50	cps
Cadmium	108-1	108	158	146	138	18.92	cps
Cadmium	111-1	1692	1478	1275	1482	14.08	cps
Calcium	43-1	6944066	7039919	6953131	6979039	0.76	cps
Calcium	44-1	114640665	116578975	114087264	115102302	1.14	cps
Carbon	12-1	3973489	4207651	4301968	4161036	4.06	cps
Chlorine	35-1	240660	235918	237450	238009	1.02	cps
Chromium	52-1	41131	40408	40820	40786	0.89	cps
Cobalt	59-1	17890	17318	17208	17472	2.09	cps
Copper	63-1	42714	41404	40010	41376	3.27	cps
Dysprosium	156-1	1033	1167	1092	1097	6.09	cps
Erbium	164-1	192	142	158	164	15.54	cps
Gadolinium	160-1	1008	1217	1067	1097	9.80	cps
Holmium	165-1	5316659	5150486	5066867	5178004	2.46	cps
Indium	115-1	4362126	4304997	4224424	4297182	1.61	cps
Iron	56-1	2311856575	2296028107	2308718237	2305534306	0.36	cps
Iron	57-1	54440370	54599750	55016984	54685701	0.54	cps
Iron	54-1						cps
Krypton	83-1	1593	1463	1327	1461	9.13	cps
Lead	206-1	16561	15860	15643	16021	2.99	cps
Lead	207-1	14558	14358	13346	14087	4.61	cps
Lead	208-1	66362	63366	61836	63855	3.60	cps
Lithium	6-1	1736560	1663500	1602980	1667680	4.01	cps
Magnesium	24-1	2907169948	2946922258	2884791490	2912961232	1.08	cps
Manganese	55-1	109901	105848	103044	106264	3.24	cps
Molybdenum	94-1	3834	3267	3150	3417	10.70	cps
Molybdenum	95-1	4509	4009	3542	4020	12.03	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:06:25	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	5793	4909	4568	5090	12.42	cps
Molybdenum	97-1	2675	2350	1975	2334	15.01	cps
Molybdenum	98-1	7044	6243	5818	6368	9.77	cps
Neodymium	150-1	53	27	13	31	65.47	cps
Nickel	60-1	7900	7640	7930	7824	2.04	cps
Phosphorus	31-1	25579	24285	24215	24693	3.11	cps
Potassium	39-1	1787998976	1797634291	1795425362	1793686210	0.28	cps
Rhodium	103-1	4317993	4186133	4078304	4194143	2.86	cps
Scandium	45-1	3474377	3342479	3232278	3349711	3.62	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	-230	17	54	-53	-290.47	cps
Silicon	28-1	980726	1111283	1127570	1073193	7.50	cps
Silver	107-1	2334	2300	1892	2175	11.31	cps
Silver	109-1	2342	1859	2059	2086	11.64	cps
Sodium	23-1	3721023693	3862988773	3832035020	3805349162	1.96	cps
Strontium	86-1	8353	8186	7686	8075	4.30	cps
Strontium	88-1	51680	47883	46043	48535	5.92	cps
Sulfur	34-1	428514	426206	429958	428226	0.44	cps
Terbium	159-1	5501100	5563893	5218524	5427839	3.39	cps
Thallium	203-1	1759	1450	1475	1561	10.97	cps
Thallium	205-1	3751	3526	3351	3542	5.66	cps
Thorium	232-1	2603	2323	1782	2236	18.66	cps
Tin	118-1	2442	1733	2134	2103	16.89	cps
Titanium	47-1	1367	1058	1067	1164	15.09	cps
Uranium	238-1	3050	2850	2367	2756	12.75	cps
Vanadium	51-1	5086	4355	4185	4542	10.54	cps
Ytterbium	172-1	50	25	42	39	32.73	cps
Ytterbium	176-1	483	525	550	519	6.48	cps
Yttrium	89-1	8202949	7973365	7595495	7923937	3.87	cps
Zinc	66-1	24837	24928	24787	24851	0.29	cps
Zirconium	90-1	2709	2992	2550	2750	8.14	cps
Zirconium	91-1	717	533	642	631	14.62	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:17:56 DataFile Name : 011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3432425	3426524	3420941	3426630	0.17	cps
Antimony	121-1	860705	886750	865302	870919	1.60	cps
Arsenic	75-1	251209	249499	254349	251685	0.98	cps
Barium	135-1	90435	94086	94814	93111	2.52	cps
Barium	137-1	161971	165119	164197	163762	0.99	cps
Beryllium	9-1	120842	119433	120572	120282	0.62	cps
Bismuth	209-1	3345236	3349497	3015948	3236894	5.91	cps
Boron	10-1	45545	52689	56892	51709	11.09	cps
Bromine	81-1	1842	2222	2192	2086	10.14	cps
Cadmium	106-1	10804	11680	11138	11208	3.94	cps
Cadmium	108-1	8803	8319	8165	8429	3.95	cps
Cadmium	111-1	107628	109839	113410	110292	2.65	cps
Calcium	43-1	65599	66826	66029	66151	0.94	cps
Calcium	44-1	833765	835819	831059	833548	0.29	cps
Carbon	12-1	2948326	2997962	2968499	2971596	0.84	cps
Chlorine	35-1	193709	191851	189123	191561	1.20	cps
Chromium	52-1	860155	871711	877006	869624	0.99	cps
Cobalt	59-1	1007871	1014041	1004867	1008926	0.46	cps
Copper	63-1	550579	548560	549837	549658	0.19	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Erbium	164-1	50	42	83	58	37.80	cps
Gadolinium	160-1	33	50	58	47	26.96	cps
Holmium	165-1	5152295	5161864	4844296	5052818	3.58	cps
Indium	115-1	4471072	4491741	4095182	4352665	5.13	cps
Iron	56-1	20229812	19850146	20308873	20129611	1.22	cps
Iron	57-1	483268	476892	483784	481314	0.80	cps
Iron	54-1						cps
Krypton	83-1	1297	1487	1430	1405	6.95	cps
Lead	206-1	595767	588242	612045	598684	2.03	cps
Lead	207-1	495990	500559	513143	503231	1.77	cps
Lead	208-1	2310428	2328244	2378412	2339028	1.51	cps
Lithium	6-1	1706222	1667934	1558057	1644071	4.68	cps
Magnesium	24-1	6465376	6493164	6397911	6452151	0.76	cps
Manganese	55-1	1107848	1109254	1124303	1113802	0.82	cps
Molybdenum	94-1	3277334	3295733	3392080	3321716	1.86	cps
Molybdenum	95-1	5616688	5660445	5827012	5701382	1.95	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:17:56	DataFile Name :	011ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	6046905	6099572	6315602	6154026	2.31	cps
Molybdenum	97-1	3474447	3503450	3551771	3509889	1.11	cps
Molybdenum	98-1	8897170	9045706	9086852	9009909	1.11	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Nickel	60-1	227351	224013	225091	225485	0.76	cps
Phosphorus	31-1	22430	22380	22841	22551	1.12	cps
Potassium	39-1	17471507	17610711	17525783	17536001	0.40	cps
Rhodium	103-1	4479155	4443468	4068189	4330271	5.26	cps
Scandium	45-1	3394435	3320767	3015694	3243632	6.19	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	14521	14408	14428	14452	0.42	cps
Silicon	28-1	365061	379313	388098	377491	3.08	cps
Silver	107-1	271508	272482	270434	271475	0.38	cps
Silver	109-1	257650	257628	262543	259274	1.09	cps
Sodium	23-1	16039033	15713167	15803636	15851945	1.06	cps
Strontium	86-1	6322180	6300524	6281862	6301522	0.32	cps
Strontium	88-1	54877916	55364191	54176185	54806097	1.09	cps
Sulfur	34-1	448709	444460	441948	445039	0.77	cps
Terbium	159-1	5371562	5417673	4933173	5240803	5.10	cps
Thallium	203-1	735332	751802	746542	744558	1.13	cps
Thallium	205-1	1767434	1739939	1779327	1762233	1.15	cps
Thorium	232-1	300	450	350	367	20.83	cps
Tin	118-1	617	542	483	547	12.21	cps
Titanium	47-1	1683754	1674975	1686827	1681852	0.37	cps
Uranium	238-1	75	42	33	50	44.10	cps
Vanadium	51-1	955755	957552	966939	960082	0.63	cps
Ytterbium	172-1	50	8	8	22	108.27	cps
Ytterbium	176-1	592	533	475	533	10.94	cps
Yttrium	89-1	8097327	7953761	7152692	7734593	6.58	cps
Zinc	66-1	259355	265619	263652	262876	1.22	cps
Zirconium	90-1	1117	833	933	961	14.95	cps
Zirconium	91-1	283	308	308	300	4.81	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:25:37 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	147419	151436	154994	151283	2.50	cps
Antimony	121-1	208	233	417	286	39.76	cps
Arsenic	75-1	167	108	100	125	29.06	cps
Barium	135-1	75	25	75	58	49.49	cps
Barium	137-1	117	75	83	92	24.05	cps
Beryllium	9-1	26	40	38	35	21.85	cps
Bismuth	209-1	3196736	3227050	3069501	3164429	2.64	cps
Boron	10-1	3728	3410	3552	3563	4.47	cps
Bromine	81-1	2102	2132	2142	2126	0.98	cps
Cadmium	106-1	1358	1600	1525	1495	8.28	cps
Cadmium	108-1	25	42	33	33	25.01	cps
Cadmium	111-1	963	1103	1073	1046	7.09	cps
Calcium	43-1	471	551	495	506	8.12	cps
Calcium	44-1	69969	70093	70223	70095	0.18	cps
Carbon	12-1	3027757	3087211	3173052	3096007	2.36	cps
Chlorine	35-1	197256	196564	198532	197451	0.51	cps
Chromium	52-1	11046	11136	11336	11173	1.33	cps
Cobalt	59-1	430	521	450	467	10.13	cps
Copper	63-1	3327	3224	3214	3255	1.93	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	25	33	33	31	15.74	cps
Gadolinium	160-1	25	67	75	56	48.22	cps
Holmium	165-1	4907495	4965611	4641749	4838285	3.57	cps
Indium	115-1	4304205	4249160	4138261	4230542	2.00	cps
Iron	56-1	1934758	1928535	1957811	1940368	0.79	cps
Iron	57-1	33855	33855	32199	33303	2.87	cps
Iron	54-1						cps
Krypton	83-1	1420	1410	1407	1412	0.49	cps
Lead	206-1	822	706	722	750	8.41	cps
Lead	207-1	589	594	706	630	10.45	cps
Lead	208-1	3145	2967	2967	3026	3.39	cps
Lithium	6-1	1623042	1621373	1575500	1606638	1.68	cps
Magnesium	24-1	4265	4225	3814	4101	6.08	cps
Manganese	55-1	7149	7299	7039	7163	1.82	cps
Molybdenum	94-1	150	183	200	178	14.32	cps
Molybdenum	95-1	117	75	117	103	23.41	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:25:37 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	242	217	192	217	11.54	cps
Molybdenum	97-1	42	75	42	53	36.46	cps
Molybdenum	98-1	150	108	75	111	33.82	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Nickel	60-1	310	330	320	320	3.13	cps
Phosphorus	31-1	22851	22340	22120	22437	1.67	cps
Potassium	39-1	3769942	3756261	3708019	3744741	0.87	cps
Rhodium	103-1	4263068	4328262	4144525	4245285	2.19	cps
Scandium	45-1	3132702	3196883	3052325	3127303	2.32	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	-21	-82	-35	-46	-70.19	cps
Silicon	28-1	248410	250659	250039	249703	0.47	cps
Silver	107-1	67	58	133	86	47.74	cps
Silver	109-1	58	58	75	64	15.06	cps
Sodium	23-1	1118110	1123845	1104009	1115321	0.92	cps
Strontium	86-1	2300	2634	2375	2436	7.18	cps
Strontium	88-1	1400	1358	967	1242	19.25	cps
Sulfur	34-1	442474	438197	434376	438349	0.92	cps
Terbium	159-1	5166339	5078215	4835331	5026628	3.41	cps
Thallium	203-1	475	425	550	483	13.02	cps
Thallium	205-1	1100	1242	1033	1125	9.46	cps
Thorium	232-1	20	50	20	30	57.74	cps
Tin	118-1	642	633	558	611	7.51	cps
Titanium	47-1	233	217	200	217	7.69	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-1	420	280	300	334	22.72	cps
Ytterbium	172-1	33	25	8	22	57.29	cps
Ytterbium	176-1	417	350	492	419	16.90	cps
Yttrium	89-1	7639458	7743765	7245749	7542991	3.48	cps
Zinc	66-1	1852	1992	2263	2036	10.25	cps
Zirconium	90-1	342	458	483	428	17.68	cps
Zirconium	91-1	142	108	133	128	13.57	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:28:30 DataFile Name : 013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	647844181	667095872	677621818	664187291	2.27	cps
Antimony	121-1	4701	5293	5360	5118	7.08	cps
Arsenic	75-1	867	1075	1717	1220	36.33	cps
Barium	135-1	1292	1333	1358	1328	2.54	cps
Barium	137-1	2175	2150	2100	2142	1.78	cps
Beryllium	9-1	372	342	318	344	7.86	cps
Bismuth	209-1	3147327	3185361	3301046	3211245	2.49	cps
Boron	10-1	3758	3652	3402	3604	5.07	cps
Bromine	81-1	2633	2823	2673	2710	3.70	cps
Cadmium	106-1	1425	1467	1425	1439	1.67	cps
Cadmium	108-1	804	858	758	807	6.20	cps
Cadmium	111-1	1389	1534	1404	1442	5.54	cps
Calcium	43-1	1329118	1381857	1366199	1359058	1.99	cps
Calcium	44-1	21871275	22413761	22349271	22211436	1.33	cps
Carbon	12-1	11703136	11989447	12207397	11966660	2.11	cps
Chlorine	35-1	4868515	7569413	10827734	7755221	38.48	cps
Chromium	52-1	175409	181388	182890	179895	2.20	cps
Cobalt	59-1	12679	11577	12739	12331	5.31	cps
Copper	63-1	46335	46937	47800	47024	1.57	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Erbium	164-1	50	42	25	39	32.73	cps
Gadolinium	160-1	58	50	83	64	27.16	cps
Holmium	165-1	5019350	5136197	5162316	5105954	1.49	cps
Indium	115-1	4230885	4372580	4384840	4329435	1.98	cps
Iron	56-1	897042411	925743571	937127615	919971199	2.25	cps
Iron	57-1	21506670	22087315	22322464	21972150	1.91	cps
Iron	54-1						cps
Krypton	83-1	1523	1283	1437	1415	8.59	cps
Lead	206-1	13880	14959	15348	14729	5.16	cps
Lead	207-1	11322	11705	11939	11655	2.67	cps
Lead	208-1	52954	55246	57144	55115	3.81	cps
Lithium	6-1	1683614	1644533	1667955	1665367	1.18	cps
Magnesium	24-1	537357779	544117038	544922924	542132580	0.77	cps
Manganese	55-1	89750	90577	92823	91050	1.75	cps
Molybdenum	94-1	2475687	2522044	2502976	2500236	0.93	cps
Molybdenum	95-1	4365974	4433525	4424052	4407851	0.83	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:28:30 DataFile Name : 013ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	4653230	4758645	4805917	4739264	1.65	cps
Molybdenum	97-1	2674832	2761968	2707244	2714681	1.62	cps
Molybdenum	98-1	6862612	7022195	7025330	6970046	1.34	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Nickel	60-1	11877	12138	13059	12358	5.03	cps
Phosphorus	31-1	30486404	31180543	31234756	30967234	1.35	cps
Potassium	39-1	682860256	701443178	707202458	697168631	1.82	cps
Rhodium	103-1	4226355	4270308	4323949	4273538	1.14	cps
Scandium	45-1	3268502	3235492	3275224	3259739	0.65	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	-82	87	35	13	648.99	cps
Silicon	28-1	341286	338730	337293	339103	0.60	cps
Silver	107-1	233	258	167	219	21.60	cps
Silver	109-1	308	225	192	242	24.87	cps
Sodium	23-1	737419013	745283798	755819052	746173954	1.24	cps
Strontium	86-1	47549	48593	47866	48003	1.12	cps
Strontium	88-1	393034	394812	407582	398476	1.99	cps
Sulfur	34-1	1984504	1998988	2012016	1998503	0.69	cps
Terbium	159-1	5207173	5334880	5429078	5323710	2.09	cps
Thallium	203-1	883	783	1083	917	16.66	cps
Thallium	205-1	1784	1875	2242	1967	12.33	cps
Thorium	232-1	50	40	90	60	44.10	cps
Tin	118-1	1300	1275	1575	1383	12.03	cps
Titanium	47-1	1390429	1357396	1436051	1394625	2.83	cps
Uranium	238-1	200	167	275	214	25.94	cps
Vanadium	51-1	1872	1782	1892	1849	3.17	cps
Ytterbium	172-1	25	42	8	25	66.68	cps
Ytterbium	176-1	492	442	392	442	11.32	cps
Yttrium	89-1	7668800	7719769	8053018	7813862	2.67	cps
Zinc	66-1	17469	17329	18120	17639	2.40	cps
Zirconium	90-1	433	450	542	475	12.28	cps
Zirconium	91-1	117	92	125	111	15.61	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:37:04	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	663252890	660947885	671798154	665332976	0.86	cps
Antimony	121-1	92797	93955	92538	93097	0.81	cps
Arsenic	75-1	26985	25699	26501	26395	2.46	cps
Barium	135-1	20257	19723	20458	20146	1.88	cps
Barium	137-1	35957	35005	35606	35523	1.36	cps
Beryllium	9-1	24083	23510	23646	23746	1.26	cps
Bismuth	209-1	3339060	3425193	3290550	3351601	2.03	cps
Boron	10-1	7727	8033	8035	7931	2.24	cps
Bromine	81-1	2703	2603	3033	2780	8.10	cps
Cadmium	106-1	4459	4251	4017	4242	5.21	cps
Cadmium	108-1	2438	2567	2417	2474	3.28	cps
Cadmium	111-1	23337	22721	23059	23039	1.34	cps
Calcium	43-1	1372557	1396300	1371048	1379968	1.03	cps
Calcium	44-1	22759959	22854783	22406584	22673775	1.04	cps
Carbon	12-1	15749834	16740524	17384906	16625088	4.95	cps
Chlorine	35-1	10908903	14182499	16997340	14029581	21.72	cps
Chromium	52-1	354517	351558	354679	353585	0.50	cps
Cobalt	59-1	210516	207858	210115	209496	0.68	cps
Copper	63-1	154611	156509	156317	155813	0.67	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Erbium	164-1	25	75	50	50	50.00	cps
Gadolinium	160-1	108	50	33	64	61.65	cps
Holmium	165-1	5425656	5319065	5224321	5323014	1.89	cps
Indium	115-1	4623588	4521789	4495684	4547020	1.49	cps
Iron	56-1	955577784	953092399	959663470	956111218	0.35	cps
Iron	57-1	22486409	22226752	22587278	22433479	0.83	cps
Iron	54-1						cps
Krypton	83-1	1417	1427	1447	1430	1.07	cps
Lead	206-1	74776	74736	73831	74448	0.72	cps
Lead	207-1	62651	61451	61060	61721	1.34	cps
Lead	208-1	288820	289385	284056	287421	1.02	cps
Lithium	6-1	1767462	1732512	1799156	1766377	1.89	cps
Magnesium	24-1	548908930	549133494	542804045	546948823	0.66	cps
Manganese	55-1	314005	314796	313467	314089	0.21	cps
Molybdenum	94-1	2729394	2687067	2696418	2704293	0.82	cps
Molybdenum	95-1	4422941	4502157	4487609	4470902	0.94	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:37:04	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	4746090	4783723	4837248	4789020	0.96	cps
Molybdenum	97-1	2678738	2730804	2711918	2707153	0.97	cps
Molybdenum	98-1	6917160	6951988	7075849	6981666	1.19	cps
Neodymium	150-1	27	7	47	27	74.99	cps
Nickel	60-1	57183	56078	58630	57297	2.23	cps
Phosphorus	31-1	30880504	31087950	31410778	31126411	0.86	cps
Potassium	39-1	694433369	695830346	710495270	700252995	1.27	cps
Rhodium	103-1	4452865	4426986	4451444	4443765	0.33	cps
Scandium	45-1	3419473	3455135	3311672	3395427	2.20	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	1416	1366	1396	1392	1.81	cps
Silicon	28-1	363314	368318	368260	366631	0.78	cps
Silver	107-1	105511	105143	105730	105461	0.28	cps
Silver	109-1	98704	99106	101053	99621	1.26	cps
Sodium	23-1	741873888	765437531	778609242	761973553	2.44	cps
Strontium	86-1	127715	126376	122920	125670	1.97	cps
Strontium	88-1	1075299	1063893	1060337	1066509	0.73	cps
Sulfur	34-1	1979615	1991624	2006292	1992510	0.67	cps
Terbium	159-1	5598544	5638980	5587628	5608384	0.48	cps
Thallium	203-1	73894	74439	74564	74299	0.48	cps
Thallium	205-1	175215	175435	176196	175615	0.29	cps
Thorium	232-1	30	40	20	30	33.33	cps
Tin	118-1	179962	180369	180278	180203	0.12	cps
Titanium	47-1	1441327	1385501	1369602	1398810	2.69	cps
Uranium	238-1	651172	668897	648593	656221	1.68	cps
Vanadium	51-1	191844	190481	195891	192738	1.46	cps
Ytterbium	172-1	42	0	33	25	88.19	cps
Ytterbium	176-1	533	417	417	456	14.79	cps
Yttrium	89-1	8399623	8223163	8162901	8261895	1.49	cps
Zinc	66-1	44335	44063	42989	43796	1.62	cps
Zirconium	90-1	423761	430332	415349	423147	1.77	cps
Zirconium	91-1	93279	97380	95215	95292	2.15	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:39:57	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	344265634	344271109	348409497	345648747	0.69	cps
Antimony	121-1	2153706	2159190	2220427	2177774	1.70	cps
Arsenic	75-1	604520	606214	599696	603476	0.56	cps
Barium	135-1	2327847	2352158	2413281	2364429	1.86	cps
Barium	137-1	4029985	4085667	4121406	4079019	1.13	cps
Beryllium	9-1	571688	586268	585461	581139	1.41	cps
Bismuth	209-1	3357745	3298075	3323932	3326584	0.90	cps
Boron	10-1	43650	47808	50572	47343	7.36	cps
Bromine	81-1	2333	2343	2443	2373	2.57	cps
Cadmium	106-1	54324	53111	54166	53867	1.22	cps
Cadmium	108-1	36837	37923	36895	37218	1.64	cps
Cadmium	111-1	524810	516305	523812	521642	0.89	cps
Calcium	43-1	3510560	3536566	3562963	3536696	0.74	cps
Calcium	44-1	57872652	57250106	58555021	57892593	1.13	cps
Carbon	12-1	3942091	4214720	4373395	4176735	5.22	cps
Chlorine	35-1	6211191	5786247	5415162	5804200	6.86	cps
Chromium	52-1	4310365	4402004	4357007	4356459	1.05	cps
Cobalt	59-1	4993683	4935707	4986993	4972128	0.64	cps
Copper	63-1	26394945	26107433	25837068	26113149	1.07	cps
Dysprosium	156-1	575	492	492	519	9.26	cps
Erbium	164-1	108	150	133	131	16.06	cps
Gadolinium	160-1	625	700	617	647	7.09	cps
Holmium	165-1	5341240	5217791	5355439	5304824	1.43	cps
Indium	115-1	4583179	4413702	4403480	4466787	2.26	cps
Iron	56-1	1161142502	1171949668	1193269267	1175453812	1.39	cps
Iron	57-1	28074980	27672246	28407070	28051432	1.31	cps
Iron	54-1						cps
Krypton	83-1	1553	1403	1487	1481	5.07	cps
Lead	206-1	7254118	7281024	7547759	7360967	2.21	cps
Lead	207-1	6362242	6452585	6452133	6422320	0.81	cps
Lead	208-1	29371265	29514671	29795289	29560408	0.73	cps
Lithium	6-1	1701819	1731677	1767107	1733535	1.89	cps
Magnesium	24-1	1453493002	1452791620	1418047077	1441443900	1.41	cps
Manganese	55-1	56917921	56805506	58282414	57335280	1.43	cps
Molybdenum	94-1	4754905	4733017	4698989	4728970	0.60	cps
Molybdenum	95-1	5789652	5922113	5825691	5845819	1.17	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:39:57	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	6513407	6655370	6578597	6582458	1.08	cps
Molybdenum	97-1	3540663	3640587	3573939	3585063	1.42	cps
Molybdenum	98-1	9071404	9240862	9384152	9232139	1.70	cps
Neodymium	150-1	107	73	107	96	20.14	cps
Nickel	60-1	1084357	1059227	1061541	1068375	1.30	cps
Phosphorus	31-1	3271738	3300748	3252523	3275003	0.74	cps
Potassium	39-1	899423892	910351519	903057085	904277499	0.62	cps
Rhodium	103-1	4437991	4330932	4362819	4377248	1.26	cps
Scandium	45-1	3394632	3376878	3368401	3379970	0.40	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	34050	33963	34221	34078	0.38	cps
Silicon	28-1	2060123	2317163	2430414	2269233	8.36	cps
Silver	107-1	2762437	2707570	2747622	2739210	1.04	cps
Silver	109-1	2567859	2561081	2578942	2569294	0.35	cps
Sodium	23-1	1905845739	1901062315	1931135748	1912681267	0.84	cps
Strontium	86-1	6811537	6746260	6906599	6821465	1.18	cps
Strontium	88-1	57947789	58839408	59848324	58878507	1.61	cps
Sulfur	34-1	625439	630175	629568	628394	0.41	cps
Terbium	159-1	5423657	5452360	5508535	5461517	0.79	cps
Thallium	203-1	1804123	1772820	1822414	1799786	1.39	cps
Thallium	205-1	4164926	4091700	4239934	4165520	1.78	cps
Thorium	232-1	6435907	6447333	6416494	6433245	0.24	cps
Tin	118-1	1661496	1663577	1655816	1660296	0.24	cps
Titanium	47-1	1768502	1781622	1751801	1767308	0.85	cps
Uranium	238-1	5949133	5804078	5963556	5905589	1.49	cps
Vanadium	51-1	4933120	4937928	5021601	4964216	1.00	cps
Ytterbium	172-1	0	25	58	28	105.35	cps
Ytterbium	176-1	542	567	492	533	7.16	cps
Yttrium	89-1	8291961	8111142	8296730	8233278	1.29	cps
Zinc	66-1	6701526	6642671	6685672	6676623	0.46	cps
Zirconium	90-1	3732247	3804672	3809360	3782093	1.14	cps
Zirconium	91-1	829086	825728	825994	826936	0.23	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P8
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:51:26 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	14712	14903	14693	14769	0.79	cps
Antimony	121-1	242	200	292	244	18.78	cps
Arsenic	75-1	183	175	192	183	4.54	cps
Barium	135-1	67	58	67	64	7.53	cps
Barium	137-1	108	67	25	67	62.50	cps
Beryllium	9-1	52	44	32	43	23.60	cps
Bismuth	209-1	3379478	3322506	3295612	3332532	1.28	cps
Boron	10-1	1712	1720	1674	1702	1.44	cps
Bromine	81-1	2253	2072	2373	2232	6.77	cps
Cadmium	106-1	1517	1525	1575	1539	2.05	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Cadmium	111-1	1069	1095	1124	1096	2.51	cps
Calcium	43-1	425	461	500	462	8.12	cps
Calcium	44-1	72479	72182	72521	72394	0.26	cps
Carbon	12-1	2954964	2973152	3000085	2976067	0.76	cps
Chlorine	35-1	988759	953210	923318	955096	3.43	cps
Chromium	52-1	11767	11386	11547	11567	1.65	cps
Cobalt	59-1	330	471	501	434	20.94	cps
Copper	63-1	3941	3957	3787	3895	2.41	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Erbium	164-1	50	50	33	44	21.66	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Holmium	165-1	5141388	5195489	5045306	5127394	1.48	cps
Indium	115-1	4449984	4417373	4571588	4479649	1.81	cps
Iron	56-1	2082142	2070282	2086359	2079594	0.40	cps
Iron	57-1	32129	31035	33413	32192	3.70	cps
Iron	54-1						cps
Krypton	83-1	1463	1633	1540	1546	5.51	cps
Lead	206-1	839	961	861	887	7.34	cps
Lead	207-1	756	722	656	711	7.16	cps
Lead	208-1	3361	3467	3278	3369	2.81	cps
Lithium	6-1	1673025	1711449	1714964	1699813	1.37	cps
Magnesium	24-1	7149	7209	6208	6855	8.19	cps
Manganese	55-1	7009	6428	7109	6849	5.37	cps
Molybdenum	94-1	175	217	142	178	21.14	cps
Molybdenum	95-1	67	67	33	56	34.65	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P8
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:51:26 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	200	175	117	164	26.09	cps
Molybdenum	97-1	42	33	25	33	25.01	cps
Molybdenum	98-1	125	100	67	97	30.10	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Nickel	60-1	360	250	270	294	19.97	cps
Phosphorus	31-1	20345	19914	20866	20375	2.34	cps
Potassium	39-1	3895740	3905748	3927351	3909613	0.41	cps
Rhodium	103-1	4485214	4459951	4391077	4445414	1.10	cps
Scandium	45-1	3301203	3201781	3286466	3263150	1.64	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	-47	-201	-45	-97	-91.94	cps
Silicon	28-1	240936	243174	242861	242324	0.50	cps
Silver	107-1	67	117	67	83	34.64	cps
Silver	109-1	67	33	158	86	75.17	cps
Sodium	23-1	1245225	1230666	1212657	1229516	1.33	cps
Strontium	86-1	2375	2342	2684	2467	7.64	cps
Strontium	88-1	725	892	733	783	11.99	cps
Sulfur	34-1	441230	439488	445918	442212	0.75	cps
Terbium	159-1	5359722	5397038	5332305	5363022	0.61	cps
Thallium	203-1	875	792	742	803	8.39	cps
Thallium	205-1	1934	1975	1825	1911	4.05	cps
Thorium	232-1	60	50	70	60	16.67	cps
Tin	118-1	267	225	275	256	10.48	cps
Titanium	47-1	342	267	317	308	12.38	cps
Uranium	238-1	33	33	33	33	0.02	cps
Vanadium	51-1	350	320	330	334	4.58	cps
Ytterbium	172-1	8	0	25	11	114.58	cps
Ytterbium	176-1	567	483	467	506	10.60	cps
Yttrium	89-1	8039976	7913449	7854996	7936140	1.19	cps
Zinc	66-1	1822	1842	1472	1712	12.17	cps
Zirconium	90-1	433	433	400	422	4.56	cps
Zirconium	91-1	83	142	108	111	26.34	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 12:54:19 DataFile Name : 018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	151193	149026	150311	150177	0.73	cps
Antimony	121-1	8586	8836	8778	8734	1.50	cps
Arsenic	75-1	1350	1367	1300	1339	2.59	cps
Barium	135-1	8820	9220	8945	8995	2.28	cps
Barium	137-1	15484	17336	15935	16252	5.94	cps
Beryllium	9-1	1256	1172	1256	1228	3.95	cps
Bismuth	209-1	3342637	3326473	3204554	3291221	2.29	cps
Boron	10-1	3132	3438	3684	3418	8.09	cps
Bromine	81-1	2353	2323	2062	2246	7.11	cps
Cadmium	106-1	1625	1934	1567	1708	11.53	cps
Cadmium	108-1	138	92	79	103	29.88	cps
Cadmium	111-1	2200	2619	2262	2360	9.57	cps
Calcium	43-1	7053	7321	7202	7192	1.86	cps
Calcium	44-1	181315	182273	182031	181873	0.27	cps
Carbon	12-1	3017687	2984882	3046361	3016310	1.02	cps
Chlorine	35-1	819588	815121	805513	813407	0.88	cps
Chromium	52-1	28959	29460	28999	29139	0.96	cps
Cobalt	59-1	10194	10835	10565	10531	3.06	cps
Copper	63-1	13860	13877	13737	13825	0.55	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Erbium	164-1	33	17	25	25	33.32	cps
Gadolinium	160-1	67	17	42	42	60.00	cps
Holmium	165-1	4999543	5098882	4876854	4991760	2.23	cps
Indium	115-1	4403911	4465111	4148699	4339240	3.87	cps
Iron	56-1	2565938	2599228	2618382	2594516	1.02	cps
Iron	57-1	43681	44876	44465	44341	1.37	cps
Iron	54-1						cps
Krypton	83-1	1437	1383	1337	1386	3.61	cps
Lead	206-1	4195	3662	3612	3823	8.46	cps
Lead	207-1	3134	3178	3506	3273	6.21	cps
Lead	208-1	15320	14737	15326	15128	2.24	cps
Lithium	6-1	1643146	1645045	1609000	1632397	1.24	cps
Magnesium	24-1	2799390	2826426	2764110	2796642	1.12	cps
Manganese	55-1	17900	18702	18451	18351	2.24	cps
Molybdenum	94-1	8903	9295	9495	9231	3.26	cps
Molybdenum	95-1	11488	11405	11413	11436	0.40	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 12:54:19	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	13073	13182	12673	12976	2.07	cps
Molybdenum	97-1	6643	7069	6877	6863	3.10	cps
Molybdenum	98-1	18187	17895	17253	17778	2.69	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Nickel	60-1	2943	2713	2763	2807	4.32	cps
Phosphorus	31-1	21137	20997	21107	21080	0.35	cps
Potassium	39-1	7366944	7379011	7437221	7394392	0.51	cps
Rhodium	103-1	4441517	4470837	4244464	4385606	2.81	cps
Scandium	45-1	3298817	3271589	3121348	3230585	2.96	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	324	398	443	388	15.51	cps
Silicon	28-1	274597	279336	277401	277111	0.86	cps
Silver	107-1	5109	5651	5435	5398	5.05	cps
Silver	109-1	4759	5009	5168	4979	4.14	cps
Sodium	23-1	4923048	4992732	4939217	4951666	0.74	cps
Strontium	86-1	3509	3676	3501	3562	2.77	cps
Strontium	88-1	11980	11997	12723	12233	3.46	cps
Sulfur	34-1	453829	452198	459926	455318	0.89	cps
Terbium	159-1	5363693	5232105	5002983	5199594	3.51	cps
Thallium	203-1	4359	4693	4368	4473	4.25	cps
Thallium	205-1	10146	9729	10263	10046	2.79	cps
Thorium	232-1	20	20	80	40	86.60	cps
Tin	118-1	16193	16944	15768	16302	3.65	cps
Titanium	47-1	3992	3651	3484	3709	6.99	cps
Uranium	238-1	11180	10738	10546	10822	3.00	cps
Vanadium	51-1	49546	49114	48522	49061	1.05	cps
Ytterbium	172-1	17	0	0	6	173.21	cps
Ytterbium	176-1	592	575	575	581	1.66	cps
Yttrium	89-1	7839503	8058841	7575446	7824597	3.09	cps
Zinc	66-1	4545	4415	4595	4519	2.06	cps
Zirconium	90-1	7986	7752	7719	7819	1.86	cps
Zirconium	91-1	1692	1834	1750	1758	4.05	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : M3035-04 Instrumnet Name : P8
 Client Sample ID : PT-TM-WS Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:00:07 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5938463	5912433	5827183	5892693	0.99	cps
Antimony	121-1	121865	120899	123126	121964	0.92	cps
Arsenic	75-1	52272	51010	53837	52373	2.70	cps
Barium	135-1	923721	913872	934262	923952	1.10	cps
Barium	137-1	1604711	1595472	1618578	1606254	0.72	cps
Beryllium	9-1	10654	10870	10710	10744	1.04	cps
Bismuth	209-1	3308903	3322447	3268172	3299840	0.86	cps
Boron	10-1	83741	96939	107634	96105	12.45	cps
Bromine	81-1	2202	2463	1982	2216	10.86	cps
Cadmium	106-1	2650	2950	2325	2642	11.83	cps
Cadmium	108-1	825	971	925	907	8.22	cps
Cadmium	111-1	14267	13362	14028	13886	3.38	cps
Calcium	43-1	574	597	580	584	2.11	cps
Calcium	44-1	70962	70694	70378	70678	0.41	cps
Carbon	12-1	3128443	3142727	3189914	3153695	1.02	cps
Chlorine	35-1	630658	619610	609320	619862	1.72	cps
Chromium	52-1	1501877	1495161	1527549	1508196	1.13	cps
Cobalt	59-1	871	761	1041	891	15.85	cps
Copper	63-1	5191293	5193605	5239788	5208229	0.53	cps
Dysprosium	156-1	8	58	17	28	96.44	cps
Erbium	164-1	33	8	17	19	65.47	cps
Gadolinium	160-1	58	50	75	61	20.83	cps
Holmium	165-1	5180783	5143486	5263535	5195935	1.18	cps
Indium	115-1	4474362	4438886	4424128	4445792	0.58	cps
Iron	56-1	10636655	10560961	10428274	10541963	1.00	cps
Iron	57-1	250200	240873	242954	244676	2.00	cps
Iron	54-1						cps
Krypton	83-1	1600	1500	1660	1587	5.09	cps
Lead	206-1	205326	205366	207439	206044	0.59	cps
Lead	207-1	178953	178599	182502	180018	1.20	cps
Lead	208-1	822122	824422	824516	823687	0.16	cps
Lithium	6-1	1723780	1717927	1722893	1721533	0.18	cps
Magnesium	24-1	4936	4526	4806	4756	4.41	cps
Manganese	55-1	8886637	9062727	8877495	8942286	1.17	cps
Molybdenum	94-1	34076	34318	33750	34048	0.84	cps
Molybdenum	95-1	59212	61546	60021	60260	1.97	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	M3035-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:00:07	DataFile Name :	020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	66041	65028	65204	65424	0.83	cps
Molybdenum	97-1	37443	36724	37593	37253	1.25	cps
Molybdenum	98-1	95873	95176	96846	95965	0.87	cps
Neodymium	150-1	47	20	33	33	40.01	cps
Nickel	60-1	581461	569066	582316	577615	1.28	cps
Phosphorus	31-1	21177	21959	21247	21461	2.02	cps
Potassium	39-1	3875122	3903768	3939759	3906216	0.83	cps
Rhodium	103-1	4492899	4467893	4480011	4480267	0.28	cps
Scandium	45-1	3316753	3276502	3327981	3307078	0.82	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	1122	1411	1093	1209	14.52	cps
Silicon	28-1	483018	481443	482356	482272	0.16	cps
Silver	107-1	898049	895146	906524	899906	0.66	cps
Silver	109-1	858993	845227	866252	856824	1.25	cps
Sodium	23-1	1306223	1292059	1285597	1294626	0.81	cps
Strontium	86-1	2442	2142	2275	2286	6.58	cps
Strontium	88-1	1108	892	942	981	11.57	cps
Sulfur	34-1	456857	453963	456042	455621	0.33	cps
Terbium	159-1	5406086	5351108	5402841	5386678	0.57	cps
Thallium	203-1	20066	20016	20609	20230	1.63	cps
Thallium	205-1	47061	47271	48500	47610	1.63	cps
Thorium	232-1	60	60	40	53	21.65	cps
Tin	118-1	283	250	267	267	6.25	cps
Titanium	47-1	458	475	333	422	18.34	cps
Uranium	238-1	0	17	0	6	173.21	cps
Vanadium	51-1	3941108	3959546	4025098	3975250	1.11	cps
Ytterbium	172-1	0	17	58	25	120.18	cps
Ytterbium	176-1	600	458	475	511	15.15	cps
Yttrium	89-1	8175499	7900291	7877331	7984374	2.08	cps
Zinc	66-1	2022526	1978624	2046434	2015862	1.71	cps
Zirconium	90-1	742	825	792	786	5.34	cps
Zirconium	91-1	150	267	242	219	27.99	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	M3035-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:03:03	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5882903	5917843	5692990	5831245	2.08	cps
Antimony	121-1	122950	124724	124050	123908	0.72	cps
Arsenic	75-1	51905	51745	50918	51523	1.03	cps
Barium	135-1	922885	928651	926526	926020	0.31	cps
Barium	137-1	1582988	1578739	1594378	1585368	0.51	cps
Beryllium	9-1	10702	10530	10514	10582	0.99	cps
Bismuth	209-1	2716793	3169979	3230802	3039192	9.24	cps
Boron	10-1	98278	107833	114147	106753	7.48	cps
Bromine	81-1	2383	2283	2002	2222	8.87	cps
Cadmium	106-1	2384	2692	2459	2511	6.40	cps
Cadmium	108-1	854	846	821	840	2.06	cps
Cadmium	111-1	13956	13660	13631	13749	1.31	cps
Calcium	43-1	564	610	610	595	4.49	cps
Calcium	44-1	70035	69994	71198	70409	0.97	cps
Carbon	12-1	3052957	3124930	3010529	3062805	1.89	cps
Chlorine	35-1	546158	534491	530053	536900	1.55	cps
Chromium	52-1	1539798	1533041	1497841	1523560	1.48	cps
Cobalt	59-1	831	901	991	908	8.85	cps
Copper	63-1	5250580	5257929	5253030	5253846	0.07	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Erbium	164-1	25	17	17	19	24.73	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Holmium	165-1	4141621	4934825	5054223	4710223	10.53	cps
Indium	115-1	3593709	4277967	4437984	4103220	10.93	cps
Iron	56-1	10321156	10460775	10385005	10388979	0.67	cps
Iron	57-1	242544	241091	236397	240011	1.34	cps
Iron	54-1						cps
Krypton	83-1	1467	1617	1553	1546	4.87	cps
Lead	206-1	205951	201699	203960	203870	1.04	cps
Lead	207-1	177641	179413	178908	178654	0.51	cps
Lead	208-1	820004	818926	815504	818145	0.29	cps
Lithium	6-1	1436001	1646130	1710144	1597425	8.98	cps
Magnesium	24-1	4616	4956	3945	4505	11.42	cps
Manganese	55-1	8845306	9032269	8960754	8946110	1.05	cps
Molybdenum	94-1	34953	34652	34050	34552	1.33	cps
Molybdenum	95-1	61085	60616	59327	60343	1.51	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	M3035-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:03:03	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	64651	64392	64550	64531	0.20	cps
Molybdenum	97-1	37702	36607	37167	37159	1.47	cps
Molybdenum	98-1	96476	95419	93859	95251	1.38	cps
Neodymium	150-1	33	20	33	29	26.64	cps
Nickel	60-1	584492	588686	570993	581391	1.59	cps
Phosphorus	31-1	19673	20626	20445	20248	2.50	cps
Potassium	39-1	3841950	3834448	3803034	3826477	0.54	cps
Rhodium	103-1	3627458	4291789	4350564	4089937	9.82	cps
Scandium	45-1	2684251	3136519	3227001	3015924	9.64	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	1440	1208	1250	1299	9.53	cps
Silicon	28-1	474380	476936	474693	475336	0.29	cps
Silver	107-1	902737	896100	902987	900608	0.43	cps
Silver	109-1	855685	856204	856108	855999	0.03	cps
Sodium	23-1	1288220	1279218	1291098	1286179	0.48	cps
Strontium	86-1	2450	2434	2359	2414	2.02	cps
Strontium	88-1	958	908	1075	981	8.72	cps
Sulfur	34-1	439752	435269	435750	436924	0.56	cps
Terbium	159-1	4363143	4989420	5401789	4918117	10.63	cps
Thallium	203-1	20942	20249	20183	20458	2.06	cps
Thallium	205-1	46417	47538	47538	47164	1.37	cps
Thorium	232-1	60	40	60	53	21.65	cps
Tin	118-1	250	208	267	242	12.43	cps
Titanium	47-1	233	250	325	269	18.12	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-1	4067894	3969610	3897228	3978244	2.15	cps
Ytterbium	172-1	8	8	8	8	0.00	cps
Ytterbium	176-1	492	408	458	453	9.26	cps
Yttrium	89-1	6475980	7503556	7853417	7277651	9.84	cps
Zinc	66-1	1979963	1990733	2021049	1997248	1.07	cps
Zirconium	90-1	900	633	900	811	18.98	cps
Zirconium	91-1	175	192	183	183	4.54	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCV85 Instrumnet Name : P8
 Client Sample ID : CCV85 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:06:02 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	346865764	347801379	352325833	348997659	0.84	cps
Antimony	121-1	2160048	2166880	2193107	2173345	0.80	cps
Arsenic	75-1	606950	612494	604363	607936	0.68	cps
Barium	135-1	2354930	2371792	2366282	2364335	0.36	cps
Barium	137-1	3950267	3975947	4028323	3984846	1.00	cps
Beryllium	9-1	575862	593354	589075	586097	1.56	cps
Bismuth	209-1	3174279	3276634	3235610	3228841	1.60	cps
Boron	10-1	63770	66843	67906	66173	3.25	cps
Bromine	81-1	2413	2002	2533	2316	12.01	cps
Cadmium	106-1	55412	54257	55127	54932	1.09	cps
Cadmium	108-1	36536	36945	37447	36976	1.23	cps
Cadmium	111-1	514517	512852	521700	516356	0.91	cps
Calcium	43-1	3411677	3422249	3514945	3449624	1.65	cps
Calcium	44-1	55625212	55854839	57419899	56299983	1.73	cps
Carbon	12-1	3710785	4072117	4284601	4022501	7.21	cps
Chlorine	35-1	505008	507351	498125	503495	0.95	cps
Chromium	52-1	4249721	4285398	4316064	4283728	0.78	cps
Cobalt	59-1	4800242	4957469	4965964	4907892	1.90	cps
Copper	63-1	24876225	25917392	26012274	25601964	2.46	cps
Dysprosium	156-1	492	625	467	528	16.13	cps
Erbium	164-1	125	167	67	119	42.05	cps
Gadolinium	160-1	575	633	550	586	7.30	cps
Holmium	165-1	5145874	5275310	5297757	5239647	1.56	cps
Indium	115-1	4340201	4409283	4434252	4394579	1.11	cps
Iron	56-1	1154889249	1165304864	1148038718	1156077610	0.75	cps
Iron	57-1	26899159	27698074	27852465	27483232	1.86	cps
Iron	54-1						cps
Krypton	83-1	1477	1367	1450	1431	4.01	cps
Lead	206-1	7216878	7234584	7380222	7277228	1.23	cps
Lead	207-1	6275614	6334538	6458165	6356106	1.47	cps
Lead	208-1	28851071	29010035	29537134	29132747	1.23	cps
Lithium	6-1	1641758	1689467	1710656	1680627	2.10	cps
Magnesium	24-1	1418071902	1491190778	1427857047	1445706576	2.75	cps
Manganese	55-1	55982835	56018515	56018731	56006693	0.04	cps
Molybdenum	94-1	4543669	4815185	4738720	4699191	2.98	cps
Molybdenum	95-1	5650198	5874780	5899607	5808195	2.37	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCV85 Instrumnet Name : P8
 Client Sample ID : CCV85 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:06:02 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	6287495	6460821	6680999	6476438	3.05	cps
Molybdenum	97-1	3509916	3574195	3639418	3574510	1.81	cps
Molybdenum	98-1	9103633	9162290	9379246	9215056	1.58	cps
Neodymium	150-1	53	147	107	102	45.81	cps
Nickel	60-1	1066549	1071498	1074149	1070732	0.36	cps
Phosphorus	31-1	3173351	3236482	3252329	3220721	1.30	cps
Potassium	39-1	907690779	899615464	898143572	901816605	0.57	cps
Rhodium	103-1	4303650	4321519	4384796	4336655	0.98	cps
Scandium	45-1	3256727	3323981	3397789	3326166	2.12	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	33557	33890	34129	33859	0.85	cps
Silicon	28-1	1997231	2269350	2355609	2207397	8.47	cps
Silver	107-1	2714392	2694195	2719649	2709412	0.50	cps
Silver	109-1	2450394	2543883	2518723	2504333	1.93	cps
Sodium	23-1	1813868204	1870656230	1882613027	1855712487	1.98	cps
Strontium	86-1	6684908	6841927	6791059	6772632	1.18	cps
Strontium	88-1	56728097	57897283	58417333	57680904	1.50	cps
Sulfur	34-1	651025	652903	647388	650439	0.43	cps
Terbium	159-1	5289857	5413249	5446975	5383360	1.54	cps
Thallium	203-1	1688462	1799281	1807898	1765214	3.77	cps
Thallium	205-1	4031483	4158872	4122833	4104396	1.60	cps
Thorium	232-1	6050782	6223708	6192403	6155631	1.50	cps
Tin	118-1	1600663	1689141	1627793	1639199	2.77	cps
Titanium	47-1	1764528	1753974	1776659	1765053	0.64	cps
Uranium	238-1	5714770	5936543	5792704	5814673	1.93	cps
Vanadium	51-1	4860464	4888100	4952208	4900257	0.96	cps
Ytterbium	172-1	42	25	67	44	47.19	cps
Ytterbium	176-1	608	533	500	547	10.14	cps
Yttrium	89-1	7866953	8083758	8136076	8028929	1.78	cps
Zinc	66-1	6382850	6663408	6673294	6573184	2.51	cps
Zirconium	90-1	3637032	3776988	3755069	3723030	2.02	cps
Zirconium	91-1	808691	829584	831606	823293	1.54	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCB85 Instrumnet Name : P8
 Client Sample ID : CCB85 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:16:39 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	13670	14111	13891	13891	1.59	cps
Antimony	121-1	208	183	325	239	31.65	cps
Arsenic	75-1	133	75	117	108	27.74	cps
Barium	135-1	33	42	58	44	28.65	cps
Barium	137-1	17	117	92	75	69.39	cps
Beryllium	9-1	40	42	36	39	7.77	cps
Bismuth	209-1	3360109	3244327	3330753	3311730	1.82	cps
Boron	10-1	5498	5424	5328	5417	1.57	cps
Bromine	81-1	2152	2283	1842	2092	10.82	cps
Cadmium	106-1	1458	1275	1692	1475	14.16	cps
Cadmium	108-1	33	13	29	25	44.09	cps
Cadmium	111-1	1039	888	1193	1040	14.66	cps
Calcium	43-1	445	490	515	483	7.34	cps
Calcium	44-1	68470	68350	68590	68470	0.18	cps
Carbon	12-1	2962545	3085999	3058920	3035821	2.14	cps
Chlorine	35-1	371165	364211	361992	365789	1.31	cps
Chromium	52-1	11647	11757	12208	11870	2.50	cps
Cobalt	59-1	491	360	460	437	15.59	cps
Copper	63-1	3040	3350	3050	3147	5.60	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Erbium	164-1	17	42	25	28	45.82	cps
Gadolinium	160-1	75	75	17	56	60.62	cps
Holmium	165-1	5139398	5144391	5024270	5102686	1.33	cps
Indium	115-1	4491387	4374849	4384165	4416801	1.47	cps
Iron	56-1	2081414	2145931	2136088	2121144	1.64	cps
Iron	57-1	32982	34085	33875	33647	1.74	cps
Iron	54-1						cps
Krypton	83-1	1480	1433	1383	1432	3.38	cps
Lead	206-1	850	811	1011	891	11.91	cps
Lead	207-1	639	728	767	711	9.21	cps
Lead	208-1	3289	3228	3689	3402	7.36	cps
Lithium	6-1	1730947	1699806	1696812	1709188	1.11	cps
Magnesium	24-1	6058	6048	5897	6001	1.50	cps
Manganese	55-1	6919	6799	6538	6752	2.88	cps
Molybdenum	94-1	175	192	167	178	7.16	cps
Molybdenum	95-1	42	42	58	47	20.37	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCB85 Instrumnet Name : P8
 Client Sample ID : CCB85 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:16:39 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	158	133	108	133	18.75	cps
Molybdenum	97-1	25	42	50	39	32.73	cps
Molybdenum	98-1	67	58	50	58	14.29	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Nickel	60-1	280	360	420	354	19.88	cps
Phosphorus	31-1	21718	22069	21368	21719	1.62	cps
Potassium	39-1	3920688	3924072	3972012	3938924	0.73	cps
Rhodium	103-1	4485436	4426353	4423375	4445054	0.79	cps
Scandium	45-1	3275842	3281077	3287420	3281446	0.18	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	-51	36	26	4	1347.85	cps
Silicon	28-1	242521	245757	241470	243249	0.92	cps
Silver	107-1	67	142	117	108	35.25	cps
Silver	109-1	75	125	67	89	35.49	cps
Sodium	23-1	1169063	1133486	1149000	1150516	1.55	cps
Strontium	86-1	2525	2425	2217	2389	6.59	cps
Strontium	88-1	750	825	1000	858	14.95	cps
Sulfur	34-1	461156	463547	463821	462841	0.32	cps
Terbium	159-1	5391472	5241044	5318253	5316923	1.41	cps
Thallium	203-1	608	575	600	594	2.92	cps
Thallium	205-1	1650	1525	1450	1542	6.55	cps
Thorium	232-1	50	50	100	67	43.30	cps
Tin	118-1	350	250	233	278	22.72	cps
Titanium	47-1	217	183	258	219	17.12	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-1	280	240	310	277	12.69	cps
Ytterbium	172-1	17	8	0	8	100.02	cps
Ytterbium	176-1	667	517	583	589	12.76	cps
Yttrium	89-1	7839026	7968004	7833615	7880215	0.97	cps
Zinc	66-1	1932	1842	1892	1889	2.39	cps
Zirconium	90-1	575	425	383	461	21.86	cps
Zirconium	91-1	117	67	92	92	27.27	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : PB137921BL Instrumnet Name : P8
 Client Sample ID : PB137921BL Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:19:33 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	7450	7630	7660	7580	1.50	cps
Antimony	121-1	158	158	192	169	11.36	cps
Arsenic	75-1	192	150	67	136	46.76	cps
Barium	135-1	58	25	42	42	40.00	cps
Barium	137-1	83	58	75	72	17.62	cps
Beryllium	9-1	36	24	38	33	23.17	cps
Bismuth	209-1	3328779	3333275	3303841	3321965	0.48	cps
Boron	10-1	4424	4404	4388	4405	0.41	cps
Bromine	81-1	2022	2243	2443	2236	9.41	cps
Cadmium	106-1	1575	1575	1308	1486	10.36	cps
Cadmium	108-1	21	33	42	32	32.84	cps
Cadmium	111-1	1130	1096	891	1039	12.44	cps
Calcium	43-1	462	489	476	476	2.76	cps
Calcium	44-1	67815	68134	67647	67865	0.36	cps
Carbon	12-1	2938191	2994440	2894965	2942532	1.70	cps
Chlorine	35-1	340663	337007	339133	338934	0.54	cps
Chromium	52-1	11266	11577	10916	11253	2.94	cps
Cobalt	59-1	380	390	521	430	18.16	cps
Copper	63-1	3120	3107	2960	3063	2.90	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Erbium	164-1	25	33	33	31	15.74	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Holmium	165-1	5068295	4950670	5022189	5013718	1.18	cps
Indium	115-1	4420112	4328400	4410904	4386472	1.15	cps
Iron	56-1	2125320	2094351	2097035	2105569	0.81	cps
Iron	57-1	32510	33624	33905	33346	2.21	cps
Iron	54-1						cps
Krypton	83-1	1333	1487	1553	1458	7.74	cps
Lead	206-1	739	728	839	769	7.96	cps
Lead	207-1	600	644	750	665	11.59	cps
Lead	208-1	3106	3061	3278	3148	3.64	cps
Lithium	6-1	1681768	1702090	1655884	1679914	1.38	cps
Magnesium	24-1	3935	4205	3905	4015	4.12	cps
Manganese	55-1	6929	6859	6378	6722	4.46	cps
Molybdenum	94-1	108	117	150	125	17.64	cps
Molybdenum	95-1	50	25	83	53	55.46	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	PB137921BL	Instrumnet Name :	P8
Client Sample ID :	PB137921BL	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:19:33	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	92	133	175	133	31.25	cps
Molybdenum	97-1	33	17	0	17	99.99	cps
Molybdenum	98-1	58	50	58	56	8.66	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Nickel	60-1	380	470	300	384	22.19	cps
Phosphorus	31-1	22120	21699	21297	21705	1.89	cps
Potassium	39-1	3852916	3915245	3868078	3878746	0.84	cps
Rhodium	103-1	4412763	4432668	4399464	4414965	0.38	cps
Scandium	45-1	3157403	3185963	3222847	3188738	1.03	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	54	9	-97	-11	-685.14	cps
Silicon	28-1	242335	244129	243486	243317	0.37	cps
Silver	107-1	58	50	117	75	48.43	cps
Silver	109-1	33	42	67	47	36.74	cps
Sodium	23-1	1111699	1111186	1091629	1104838	1.04	cps
Strontium	86-1	2125	2184	2242	2184	2.67	cps
Strontium	88-1	800	725	792	772	5.32	cps
Sulfur	34-1	461322	467160	460964	463149	0.75	cps
Terbium	159-1	5386630	5251815	5235532	5291326	1.57	cps
Thallium	203-1	508	633	633	592	12.20	cps
Thallium	205-1	1317	1433	1367	1372	4.27	cps
Thorium	232-1	30	40	50	40	25.00	cps
Tin	118-1	217	217	233	222	4.33	cps
Titanium	47-1	225	225	225	225	0.00	cps
Uranium	238-1	8	0	8	6	86.60	cps
Vanadium	51-1	240	270	200	237	14.84	cps
Ytterbium	172-1	25	50	25	33	43.30	cps
Ytterbium	176-1	542	375	458	458	18.18	cps
Yttrium	89-1	7972214	7976573	7765426	7904737	1.53	cps
Zinc	66-1	1652	1542	1572	1588	3.58	cps
Zirconium	90-1	483	500	483	489	1.97	cps
Zirconium	91-1	83	50	108	81	36.33	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : PB137921BS Instrumnet Name : P8
 Client Sample ID : PB137921BS Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:22:28 DataFile Name : 025LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	69245000	70510603	69709632	69821745	0.92	cps
Antimony	121-1	2229266	2242355	2207108	2226243	0.80	cps
Arsenic	75-1	610947	617066	613701	613905	0.50	cps
Barium	135-1	2348927	2409096	2353959	2370661	1.41	cps
Barium	137-1	4051397	4105434	3980863	4045898	1.54	cps
Beryllium	9-1	590542	598284	593765	594197	0.65	cps
Bismuth	209-1	3290687	3324773	3266862	3294107	0.88	cps
Boron	10-1	40219	45691	47808	44573	8.79	cps
Bromine	81-1	2503	2032	2523	2353	11.80	cps
Cadmium	106-1	56600	57646	55672	56639	1.74	cps
Cadmium	108-1	38696	39966	39293	39319	1.62	cps
Cadmium	111-1	535592	542324	542175	540031	0.71	cps
Calcium	43-1	709415	722874	718027	716772	0.95	cps
Calcium	44-1	11579520	11601167	11647803	11609497	0.30	cps
Carbon	12-1	3696647	4008491	4206569	3970569	6.47	cps
Chlorine	35-1	331679	326362	324583	327541	1.13	cps
Chromium	52-1	4343858	4318562	4285174	4315865	0.68	cps
Cobalt	59-1	4951446	4959063	5005353	4971954	0.59	cps
Copper	63-1	26075280	26607408	26442496	26375061	1.03	cps
Dysprosium	156-1	200	117	100	139	38.58	cps
Erbium	164-1	75	58	50	61	20.83	cps
Gadolinium	160-1	125	150	208	161	26.54	cps
Holmium	165-1	5180187	5203339	5145150	5176225	0.57	cps
Indium	115-1	4407559	4414227	4447866	4423217	0.49	cps
Iron	56-1	233711944	236115007	236105752	235310901	0.59	cps
Iron	57-1	5626819	5752470	5720409	5699899	1.15	cps
Iron	54-1						cps
Krypton	83-1	1513	1433	1473	1473	2.72	cps
Lead	206-1	7660112	7390277	7495993	7515461	1.81	cps
Lead	207-1	6611813	6443468	6515144	6523475	1.30	cps
Lead	208-1	30107421	29566591	29587611	29753874	1.03	cps
Lithium	6-1	1675539	1711563	1723874	1703659	1.47	cps
Magnesium	24-1	289301421	293629920	296203213	293044851	1.19	cps
Manganese	55-1	56254251	56765751	56922133	56647378	0.62	cps
Molybdenum	94-1	4604363	4659514	4616916	4626931	0.62	cps
Molybdenum	95-1	5718540	5722293	5776328	5739054	0.56	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	PB137921BS	Instrumnet Name :	P8
Client Sample ID :	PB137921BS	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:22:28	DataFile Name :	025LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	6464839	6436375	6479225	6460146	0.34	cps
Molybdenum	97-1	3552475	3569890	3532276	3551547	0.53	cps
Molybdenum	98-1	9138931	9236168	9132709	9169269	0.63	cps
Neodymium	150-1	93	113	120	109	12.74	cps
Nickel	60-1	1082803	1086591	1101384	1090259	0.90	cps
Phosphorus	31-1	3167712	3241773	3219512	3209666	1.18	cps
Potassium	39-1	180766610	186197736	184748827	183904391	1.53	cps
Rhodium	103-1	4383392	4417606	4335862	4378953	0.94	cps
Scandium	45-1	3257386	3285049	3357089	3299841	1.56	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	34899	35152	35196	35082	0.46	cps
Silicon	28-1	2178318	2478087	2525112	2393839	7.86	cps
Silver	107-1	2767567	2807367	2792499	2789144	0.72	cps
Silver	109-1	2661703	2660842	2680227	2667591	0.41	cps
Sodium	23-1	381155412	391777053	383772569	385568345	1.44	cps
Strontium	86-1	6727500	6925588	6585006	6746031	2.54	cps
Strontium	88-1	57856772	58728937	57496078	58027262	1.09	cps
Sulfur	34-1	658586	651720	647488	652598	0.86	cps
Terbium	159-1	5296929	5370764	5397491	5355061	0.97	cps
Thallium	203-1	1794750	1801720	1836226	1810899	1.23	cps
Thallium	205-1	4307623	4165443	4243153	4238740	1.68	cps
Thorium	232-1	6215061	6364708	6195105	6258291	1.48	cps
Tin	118-1	1656137	1695846	1670417	1674133	1.20	cps
Titanium	47-1	1713900	1737063	1749863	1733609	1.05	cps
Uranium	238-1	5528598	5842016	5754055	5708223	2.83	cps
Vanadium	51-1	4812268	4873084	4928817	4871390	1.20	cps
Ytterbium	172-1	8	42	33	28	62.46	cps
Ytterbium	176-1	567	500	592	553	8.57	cps
Yttrium	89-1	7955899	8022871	7791659	7923476	1.50	cps
Zinc	66-1	6745460	6677669	6725469	6716199	0.52	cps
Zirconium	90-1	3712941	3774375	3706891	3731402	1.00	cps
Zirconium	91-1	823365	843400	835084	833950	1.21	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:25:21	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	344597686	346968006	354808656	348791449	1.53	cps
Antimony	121-1	2150720	2222702	2221415	2198279	1.87	cps
Arsenic	75-1	592225	599947	600182	597452	0.76	cps
Barium	135-1	2311095	2358426	2349121	2339547	1.07	cps
Barium	137-1	3933806	3996887	3938844	3956512	0.89	cps
Beryllium	9-1	589486	588983	587410	588626	0.18	cps
Bismuth	209-1	3217023	3316486	3275657	3269722	1.53	cps
Boron	10-1	53313	58257	59622	57064	5.82	cps
Bromine	81-1	2403	2583	2463	2483	3.70	cps
Cadmium	106-1	52743	54032	55085	53954	2.17	cps
Cadmium	108-1	37075	37526	37108	37236	0.68	cps
Cadmium	111-1	515530	516860	515053	515814	0.18	cps
Calcium	43-1	3408171	3524541	3513297	3482003	1.84	cps
Calcium	44-1	55887783	57738934	58747093	57457937	2.52	cps
Carbon	12-1	4005416	4268064	4377682	4217054	4.54	cps
Chlorine	35-1	325059	315399	315345	318601	1.76	cps
Chromium	52-1	4161015	4259684	4320866	4247188	1.90	cps
Cobalt	59-1	4807713	4816339	4913914	4845988	1.22	cps
Copper	63-1	24945070	25907182	25306052	25386101	1.91	cps
Dysprosium	156-1	692	492	633	606	16.98	cps
Erbium	164-1	117	117	150	128	15.06	cps
Gadolinium	160-1	592	675	625	631	6.65	cps
Holmium	165-1	5094776	5269287	5234613	5199559	1.78	cps
Indium	115-1	4307644	4416277	4347919	4357280	1.26	cps
Iron	56-1	1133843924	1145188348	1138331652	1139121308	0.50	cps
Iron	57-1	27671731	27355125	27988245	27671701	1.14	cps
Iron	54-1						cps
Krypton	83-1	1377	1367	1593	1446	8.86	cps
Lead	206-1	7232080	7349759	7346341	7309394	0.92	cps
Lead	207-1	6219400	6385466	6420420	6341762	1.69	cps
Lead	208-1	28677231	29327580	29532121	29178978	1.53	cps
Lithium	6-1	1644930	1670490	1732773	1682731	2.69	cps
Magnesium	24-1	1427811121	1468012160	1456133642	1450652308	1.42	cps
Manganese	55-1	54927782	55710501	56057121	55565135	1.04	cps
Molybdenum	94-1	4611118	4629931	4629979	4623676	0.24	cps
Molybdenum	95-1	5714238	5669032	5747233	5710167	0.69	cps

LB Number :	LB115542	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2021-07-23 13:25:21	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	6375284	6366487	6452219	6397997	0.74	cps
Molybdenum	97-1	3506395	3497496	3539847	3514579	0.64	cps
Molybdenum	98-1	9032971	9093447	9157287	9094568	0.68	cps
Neodymium	150-1	107	113	127	116	8.81	cps
Nickel	60-1	1040051	1056057	1044283	1046797	0.79	cps
Phosphorus	31-1	3185392	3196748	3233811	3205317	0.79	cps
Potassium	39-1	890392701	892563953	904543752	895833469	0.85	cps
Rhodium	103-1	4266920	4270771	4320047	4285912	0.69	cps
Scandium	45-1	3261077	3367320	3424820	3351073	2.48	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	33475	33952	33624	33683	0.72	cps
Silicon	28-1	2132931	2346772	2433979	2304561	6.72	cps
Silver	107-1	2637060	2718010	2664871	2673314	1.54	cps
Silver	109-1	2526380	2526775	2579247	2544134	1.20	cps
Sodium	23-1	1869349804	1877216230	1927447099	1891337711	1.67	cps
Strontium	86-1	6591973	6698860	6546978	6612604	1.18	cps
Strontium	88-1	55662285	57604810	57171689	56812928	1.79	cps
Sulfur	34-1	644807	643949	639721	642826	0.42	cps
Terbium	159-1	5334735	5483983	5437165	5418628	1.41	cps
Thallium	203-1	1768377	1802173	1794645	1788398	0.99	cps
Thallium	205-1	4083174	4136954	4155557	4125228	0.91	cps
Thorium	232-1	6117357	6284784	6303924	6235355	1.65	cps
Tin	118-1	1605928	1654611	1623265	1627934	1.52	cps
Titanium	47-1	1714746	1763218	1772575	1750180	1.77	cps
Uranium	238-1	5673952	5820840	5825965	5773586	1.50	cps
Vanadium	51-1	4734819	4895839	4919115	4849924	2.07	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	176-1	450	483	517	483	6.90	cps
Yttrium	89-1	7833237	7981934	8033364	7949512	1.31	cps
Zinc	66-1	6431260	6636363	6385037	6484220	2.06	cps
Zirconium	90-1	3671621	3730046	3686477	3696048	0.82	cps
Zirconium	91-1	827736	815048	813995	818926	0.93	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCB86 Instrumnet Name : P8
 Client Sample ID : CCB86 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:34:11 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	9863	9914	9884	9887	0.26	cps
Antimony	121-1	375	383	417	392	5.63	cps
Arsenic	75-1	200	92	150	147	36.83	cps
Barium	135-1	108	50	42	67	54.49	cps
Barium	137-1	108	42	58	69	49.96	cps
Beryllium	9-1	54	36	40	43	21.82	cps
Bismuth	209-1	3217844	3311522	3282928	3270764	1.47	cps
Boron	10-1	5328	5590	5332	5417	2.77	cps
Bromine	81-1	2002	2283	2172	2152	6.56	cps
Cadmium	106-1	1600	1442	1467	1503	5.66	cps
Cadmium	108-1	29	71	42	47	45.27	cps
Cadmium	111-1	1112	1001	1048	1054	5.28	cps
Calcium	43-1	457	477	431	455	5.09	cps
Calcium	44-1	63373	63847	62685	63302	0.92	cps
Carbon	12-1	2963806	2962114	2999109	2975009	0.70	cps
Chlorine	35-1	257307	252874	252863	254348	1.01	cps
Chromium	52-1	11406	11266	11086	11253	1.43	cps
Cobalt	59-1	390	450	310	384	18.32	cps
Copper	63-1	3220	3127	3034	3127	2.99	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Erbium	164-1	42	33	17	31	41.66	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Holmium	165-1	4951918	5050135	4888756	4963603	1.64	cps
Indium	115-1	4337083	4340473	4273551	4317035	0.87	cps
Iron	56-1	2089119	2102965	2055465	2082516	1.17	cps
Iron	57-1	33383	33493	33393	33423	0.18	cps
Iron	54-1						cps
Krypton	83-1	1317	1467	1397	1393	5.39	cps
Lead	206-1	1022	1111	1122	1085	5.05	cps
Lead	207-1	1056	972	839	956	11.44	cps
Lead	208-1	4573	4434	4278	4428	3.33	cps
Lithium	6-1	1654058	1634226	1640725	1643003	0.62	cps
Magnesium	24-1	6208	5467	5647	5774	6.69	cps
Manganese	55-1	7259	7560	7159	7326	2.85	cps
Molybdenum	94-1	192	225	267	228	16.50	cps
Molybdenum	95-1	67	67	125	86	39.11	cps

LB Number : LB115542 Operator : Jaswal
 Lab Sample ID : CCB86 Instrumnet Name : P8
 Client Sample ID : CCB86 Dilution Factor : 1
 Date & Time Acquired :: 2021-07-23 13:34:11 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	96-1	83	150	158	131	31.49	cps
Molybdenum	97-1	33	25	33	31	15.74	cps
Molybdenum	98-1	125	100	58	94	35.66	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Nickel	60-1	190	330	290	270	26.71	cps
Phosphorus	31-1	20175	20947	20105	20409	2.29	cps
Potassium	39-1	3927640	3940061	3877168	3914956	0.85	cps
Rhodium	103-1	4295400	4435732	4443331	4391488	1.90	cps
Scandium	45-1	3201275	3146919	3210693	3186296	1.08	cps
Selenium	77-1						cps
Selenium	78-1						cps
Selenium	82-1	143	-21	-19	34	272.17	cps
Silicon	28-1	245876	239979	240515	242123	1.35	cps
Silver	107-1	125	92	158	125	26.67	cps
Silver	109-1	50	75	33	53	39.74	cps
Sodium	23-1	1181663	1159426	1152565	1164551	1.31	cps
Strontium	86-1	2050	2450	2375	2292	9.28	cps
Strontium	88-1	908	850	783	847	7.38	cps
Sulfur	34-1	459556	462153	456807	459505	0.58	cps
Terbium	159-1	5185523	5142222	5216692	5181479	0.72	cps
Thallium	203-1	675	725	708	703	3.62	cps
Thallium	205-1	1500	1792	1458	1583	11.47	cps
Thorium	232-1	50	90	20	53	65.85	cps
Tin	118-1	258	192	267	239	17.21	cps
Titanium	47-1	258	283	183	242	21.54	cps
Uranium	238-1	17	8	0	8	100.02	cps
Vanadium	51-1	300	180	180	220	31.49	cps
Ytterbium	172-1	25	17	33	25	33.32	cps
Ytterbium	176-1	558	450	558	522	11.98	cps
Yttrium	89-1	7540513	7658109	7685658	7628093	1.01	cps
Zinc	66-1	1692	1632	1792	1705	4.75	cps
Zirconium	90-1	467	508	467	481	5.01	cps
Zirconium	91-1	92	100	108	100	8.33	cps