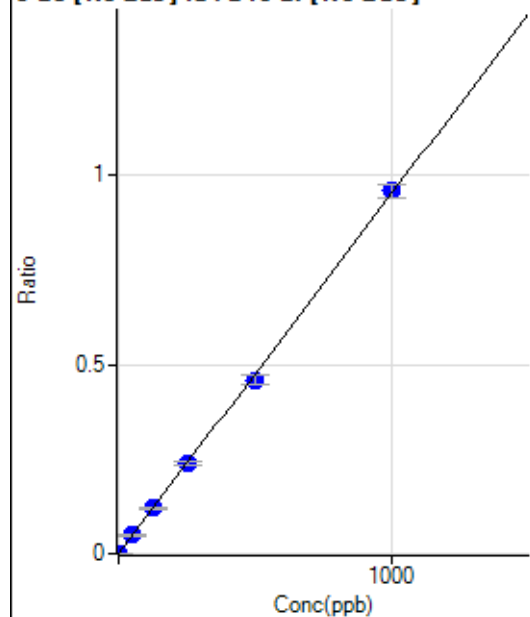


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\200.8 P8081523 MS.b\
 Analysis File: 200.8 P8081523 MS.batch.bin
 DA Date-Time: 2023-08-15 15:04:00
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-08-15 12:34:53
2	005CALS.d	S02	2023-08-15 12:37:57
3	007CALS.d	S03	2023-08-15 12:44:06
4	008CALS.d	S04	2023-08-15 12:47:11
5	009CALS.d	S05	2023-08-15 12:50:14
6	010CALS.d	S06	2023-08-15 12:53:20
7	011CALS.d	S07	2023-08-15 12:56:23
8	012CALS.d	S08	2023-08-15 12:59:29

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.66	0.0001	P	22.4
2	☐	1.000	0.970	451.25	0.0010	P	4.9
3	☐	50.000	51.043	21128.89	0.0486	P	2.0
4	☐	125.000	125.825	53141.72	0.1197	P	1.1
5	☐	250.000	251.399	105976.77	0.2390	P	4.1
6	☐	500.000	482.519	206151.68	0.4587	P	4.9
7	☐	1000.000	1008.236	413273.25	0.9584	P	3.7
8	☐			114.65	0.0003	P	14.1

$$y = 9.5051E-004 * x + 9.1497E-005$$

$$R = 0.9998$$

$$DL = 0.06457$$

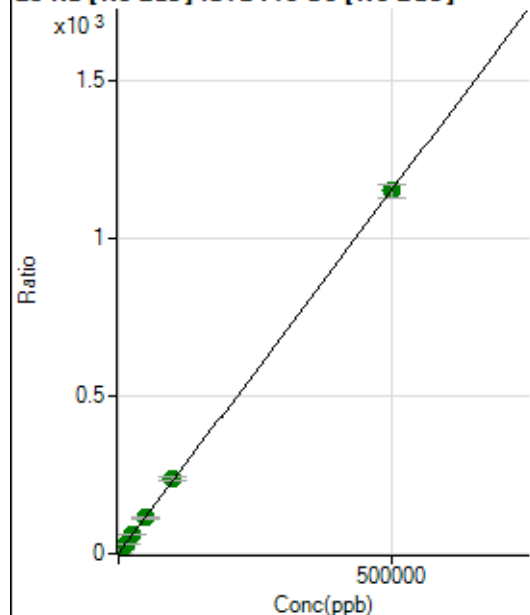
$$BEC = 0.09626$$

Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1494413.40		A	1.3
2	☐			1493261.03		A	0.8
3	☐			1435721.86		A	1.0
4	☐			1424144.09		A	0.7
5	☐			1462396.90		A	0.2
6	☐			1529718.87		A	2.0
7	☐			1492084.29		A	1.8
8	☐			1730608.46		A	4.9

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	923402.95	0.9264	P	6.1
2	☐	500.000	487.389	2032575.29	2.0500	A	2.0
3	☐	5000.000	5285.697	12565659.07	13.1116	A	2.1
4	☐	12500.000	12858.069	30213517.66	30.5682	A	2.0
5	☐	25000.000	25597.159	59338037.61	59.9358	A	4.5
6	☐	50000.000	49135.524	115614800.73	114.1991	A	7.7
7	☐	100000.00	103590.84	229634880.12	239.7355	A	4.8
8	☐	500000.00	499326.62	1110444138.3	1,152.029	A	3.8

$$y = 0.0023 * x + 0.9264$$

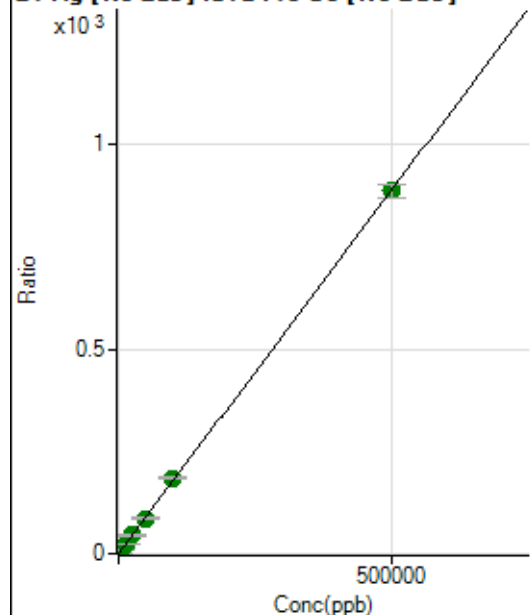
$$R = 1.0000$$

$$DL = 73.68$$

$$BEC = 401.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21167.33	0.0212	P	3.0
2	☐	500.000	481.066	868051.33	0.8755	P	2.1
3	☐	5000.000	5278.177	9002749.31	9.3945	A	3.2
4	☐	12500.000	12816.640	22518620.33	22.7819	A	1.1
5	☐	25000.000	25537.585	44924661.41	45.3727	A	4.2
6	☐	50000.000	48741.846	87664419.67	86.5806	A	7.4
7	☐	100000.00	104218.47	177329026.11	185.1001	A	4.3
8	☐	500000.00	499244.56	854696673.23	886.6171	A	3.6

$$y = 0.0018 * x + 0.0212$$

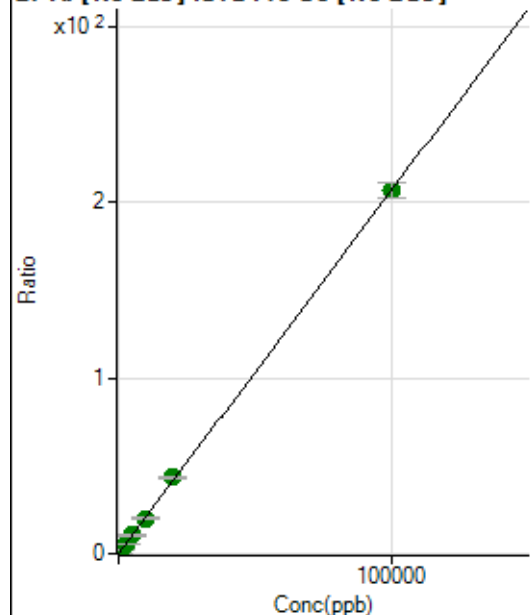
$$R = 1.0000$$

$$DL = 1.069$$

$$BEC = 11.92$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4271.69	0.0043	P	6.0
2	☐	20.000	20.087	45433.73	0.0458	P	0.9
3	☐	1000.000	1120.403	2224068.31	2.3207	A	1.8
4	☐	2500.000	2553.995	5223656.96	5.2846	A	1.1
5	☐	5000.000	5094.573	10430181.69	10.5373	A	5.3
6	☐	10000.000	9736.560	20385713.33	20.1345	A	7.5
7	☐	20000.000	20921.121	41441810.77	43.2585	A	4.3
8	☐	100000.00	99834.837	198955221.55	206.4117	A	4.1

$$y = 0.0021 * x + 0.0043$$

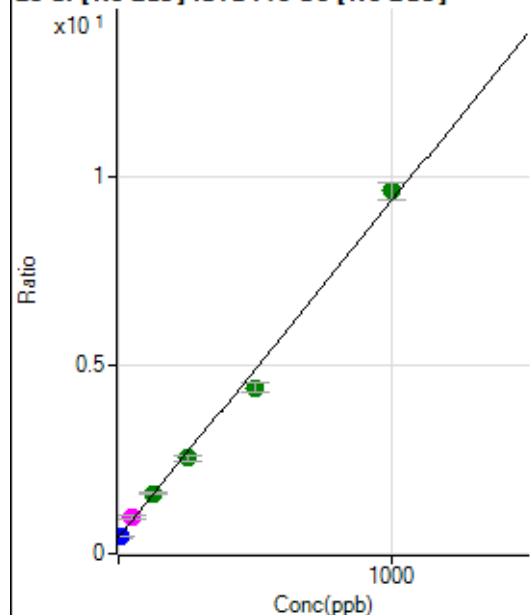
$$R = 0.9999$$

$$DL = 0.3707$$

$$BEC = 2.073$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	433478.30	0.4348	P	5.5
2	☐	10.000	0.856	438660.45	0.4424	P	2.1
3	☐	50.000	59.546	926796.20	0.9664	M	8.3
4	☐	125.000	131.115	1586823.09	1.6054	A	1.1
5	☐	250.000	235.486	2511384.21	2.5372	A	5.3
6	☐	500.000	445.377	4467939.17	4.4111	A	6.2
7	☐	1000.000	1029.790	9223688.49	9.6287	A	4.7
8	☐			1092673.74	1.1322	A	5.6

$$y = 0.0089 * x + 0.4348$$

$$R = 0.9975$$

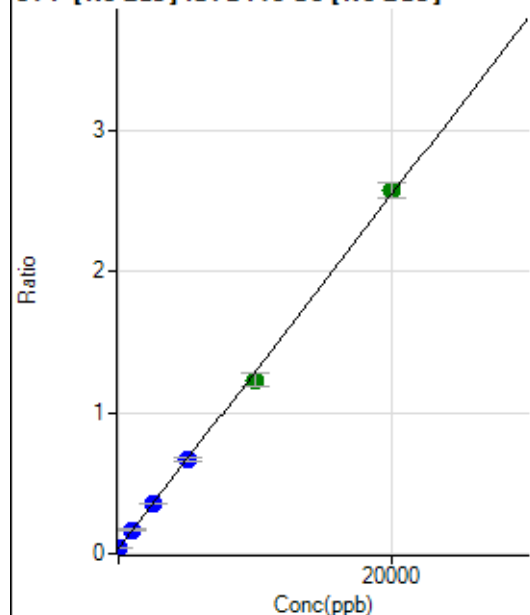
$$DL = 8.092$$

$$BEC = 48.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.379	36155.32	0.0363	P	6.6
2	☐	0.000	11.379	38798.07	0.0391	P	3.8
3	☐	1000.000	1049.930	162306.07	0.1693	P	2.1
4	☐	2500.000	2554.424	353865.25	0.3580	P	0.8
5	☐	5000.000	5055.955	664931.70	0.6716	P	4.6
6	☐	10000.000	9531.798	1248336.69	1.2328	A	7.1
7	☐	20000.000	20210.813	2463813.33	2.5718	A	4.3
8	☐			33613.44	0.0349	P	2.3

$$y = 1.2538\text{E-}004 * x + 0.0377$$

R = 0.9996

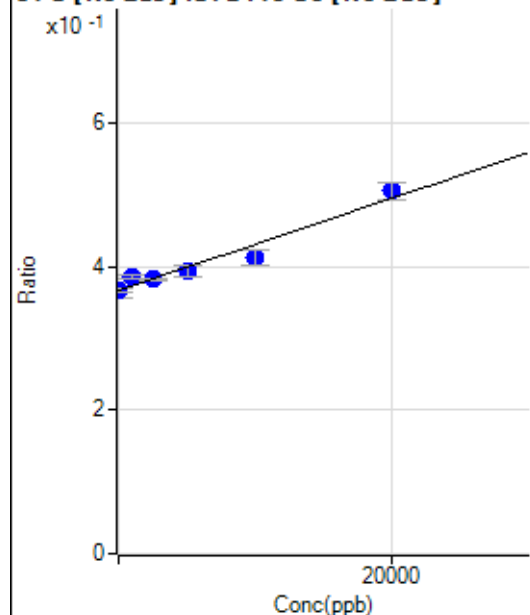
DL = 46.48

BEC = 300.7

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	28.890	366575.38	0.3678	P	6.3
2	☐	0.000	-28.890	364325.14	0.3674	P	1.4
3	☐	1000.000	2982.374	370651.03	0.3867	P	1.5
4	☐	2500.000	2286.746	377863.57	0.3823	P	0.7
5	☐	5000.000	4180.497	390507.50	0.3944	P	4.3
6	☐	10000.000	7079.344	418407.28	0.4130	P	5.5
7	☐	20000.000	21592.742	484827.11	0.5061	P	4.6
8	☐			352892.62	0.3660	P	3.0

$$y = 6.4147\text{E-}006 * x + 0.3676$$

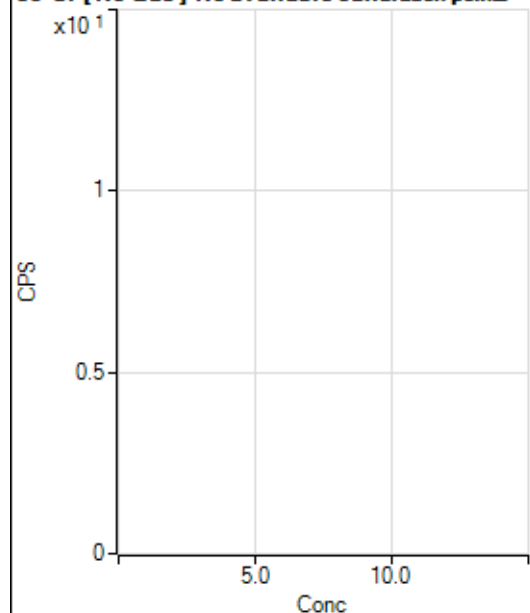
R = 0.9767

DL = 6617

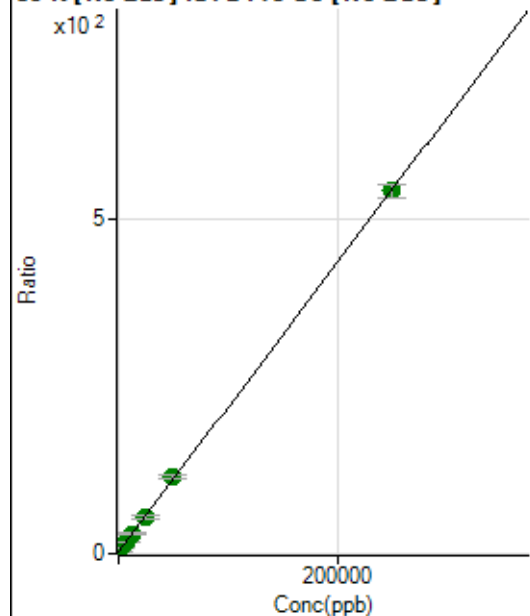
BEC = 5.731E+04

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			86667.47		P	2.8
2	☐			87259.62		P	1.2
3	☐			110026.83		P	0.6
4	☐			112348.13		P	1.1
5	☐			108860.54		P	0.2
6	☐			102643.18		P	1.4
7	☐			108597.41		P	0.7
8	☐			112938.37		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2854944.82	2.8645	A	6.4
2	☐	500.000	454.730	3811349.99	3.8438	A	1.9
3	☐	2500.000	2652.864	8220989.34	8.5778	A	2.5
4	☐	6250.000	6301.476	16245373.13	16.4356	A	1.4
5	☐	12500.000	12532.673	29551694.61	29.8553	A	5.1
6	☐	25000.000	24069.044	55395982.36	54.7003	A	6.6
7	☐	50000.000	51477.880	108941861.35	113.7289	A	4.7
8	☐	250000.00	249793.16	521355270.24	540.8269	A	3.4

$$y = 0.0022 * x + 2.8645$$

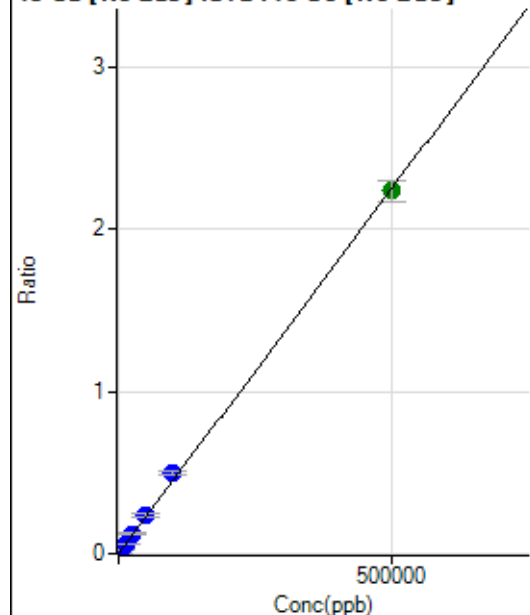
$$R = 1.0000$$

$$DL = 253.8$$

$$BEC = 1330$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	280.39	0.0003	P	3.5
2	☐	500.000	481.012	2420.74	0.0024	P	2.1
3	☐	5000.000	5826.438	25345.70	0.0264	P	3.5
4	☐	12500.000	13769.273	61405.71	0.0621	P	0.7
5	☐	25000.000	27370.338	121952.13	0.1232	P	5.2
6	☐	50000.000	52301.183	238136.44	0.2352	P	7.1
7	☐	100000.00	111137.72	478405.63	0.4994	P	4.7
8	☐	500000.00	497383.84	2152601.74	2.2342	A	5.5

$$y = 4.4913\text{E-}006 * x + 2.8078\text{E-}004$$

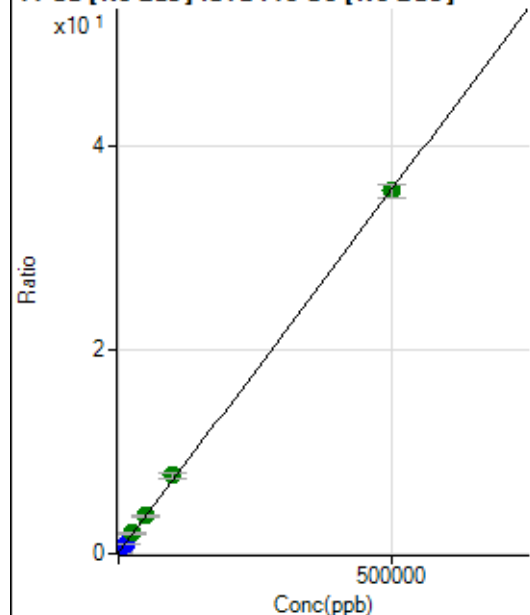
$$R = 0.9997$$

$$DL = 6.542$$

$$BEC = 62.52$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90628.75	0.0909	P	6.0
2	☐	500.000	466.320	123145.84	0.1242	P	1.8
3	☐	5000.000	5663.179	474462.10	0.4951	P	2.4
4	☐	12500.000	13133.619	1016301.58	1.0282	P	1.3
5	☐	25000.000	27020.967	1998749.10	2.0193	A	5.1
6	☐	50000.000	50697.469	3755136.98	3.7089	A	7.5
7	☐	100000.00	106227.33	7347070.67	7.6718	A	5.5
8	☐	500000.00	498561.30	34381775.99	35.6706	A	4.0

$$y = 7.1365\text{E-}005 * x + 0.0909$$

$$R = 0.9999$$

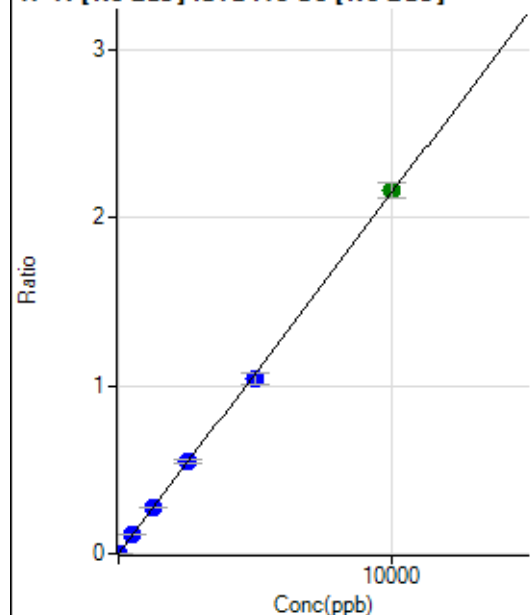
$$DL = 228.5$$

$$BEC = 1274$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1075.07	0.0011	P	13.2
2	☐	5.000	4.911	2108.54	0.0021	P	8.4
3	☐	500.000	522.114	108441.20	0.1132	P	2.8
4	☐	1250.000	1272.055	270994.64	0.2742	P	0.6
5	☐	2500.000	2541.558	541213.28	0.5467	P	4.6
6	☐	5000.000	4844.860	1054440.12	1.0411	P	6.5
7	☐	10000.000	10063.318	2070655.60	2.1614	A	4.3
8	☐			802.86	0.0008	P	16.9

$$y = 2.1468\text{E-}004 * x + 0.0011$$

R = 0.9998

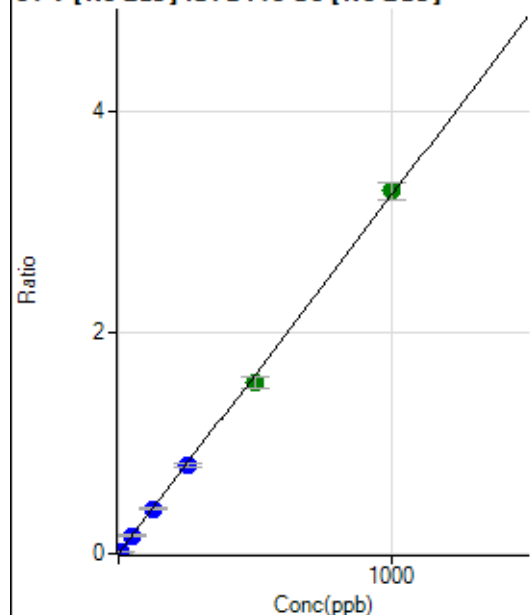
DL = 1.973

BEC = 5.001

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	210.22	0.0002	P	19.4
2	☐	5.000	4.861	15865.07	0.0160	P	2.2
3	☐	50.000	50.666	157941.47	0.1648	P	2.1
4	☐	125.000	125.315	402575.30	0.4073	P	1.2
5	☐	250.000	246.934	794192.54	0.8024	P	5.3
6	☐	500.000	476.955	1569287.63	1.5496	A	6.6
7	☐	1000.000	1012.217	3149629.57	3.2883	A	5.0
8	☐			1047.83	0.0011	P	17.0

$$y = 0.0032 * x + 2.1137\text{E-}004$$

R = 0.9996

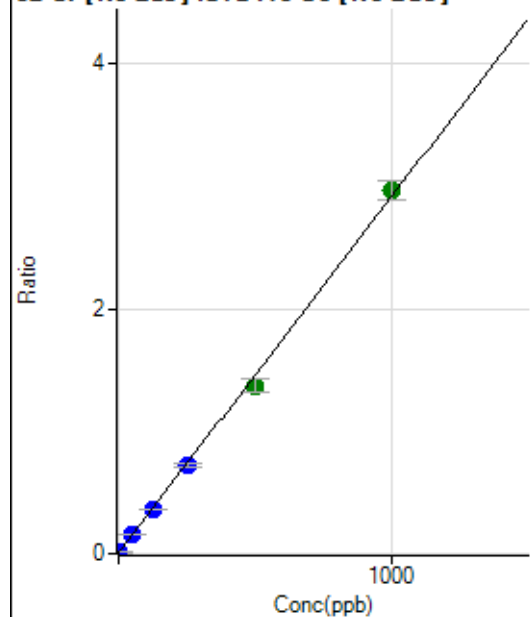
DL = 0.03782

BEC = 0.06507

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5860.58	0.0059	P	5.1
2	☐	2.000	2.159	12057.48	0.0122	P	3.2
3	☐	50.000	50.635	146888.61	0.1533	P	2.6
4	☐	125.000	122.879	359423.01	0.3636	P	0.5
5	☐	250.000	246.083	714926.05	0.7222	P	5.0
6	☐	500.000	469.678	1390192.55	1.3732	A	7.6
7	☐	1000.000	1016.373	2839425.37	2.9646	A	5.2
8	☐			21084.11	0.0219	P	2.8

$$y = 0.0029 * x + 0.0059$$

$$R = 0.9993$$

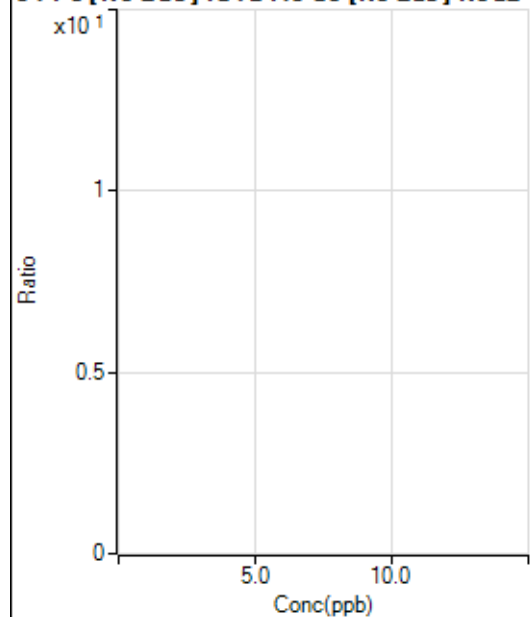
$$DL = 0.307$$

$$BEC = 2.018$$

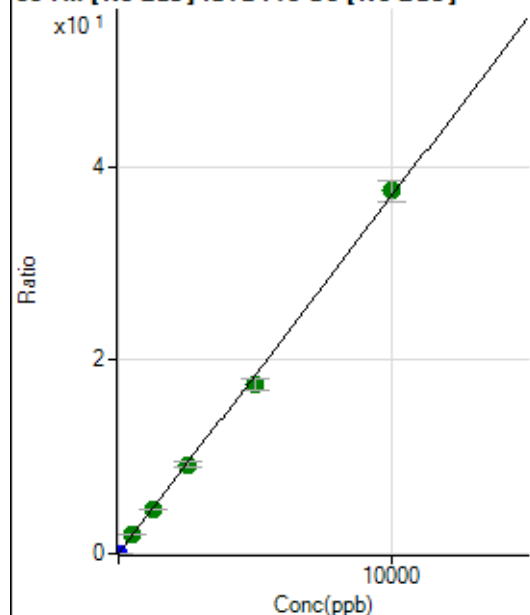
Weight: <None>

Min Conc: 0

54 Fe [No Gas] ISTD :45 Sc [No Gas] No a_



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	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	Det	RSD
1	☐	0.000	0.000	13430.12	0.0135	P	8.0
2	☐	1.000	1.254	17966.35	0.0181	P	2.1
3	☐	500.000	527.503	1881625.59	1.9634	A	2.4
4	☐	1250.000	1254.300	4596634.50	4.6500	A	0.3
5	☐	2500.000	2487.709	9114516.91	9.2092	A	5.5
6	☐	5000.000	4709.088	17641261.89	17.4205	A	6.8
7	☐	10000.000	10146.616	35926704.19	37.5202	A	6.0
8	☐			40280.33	0.0417	P	3.5

$$y = 0.0037 * x + 0.0135$$

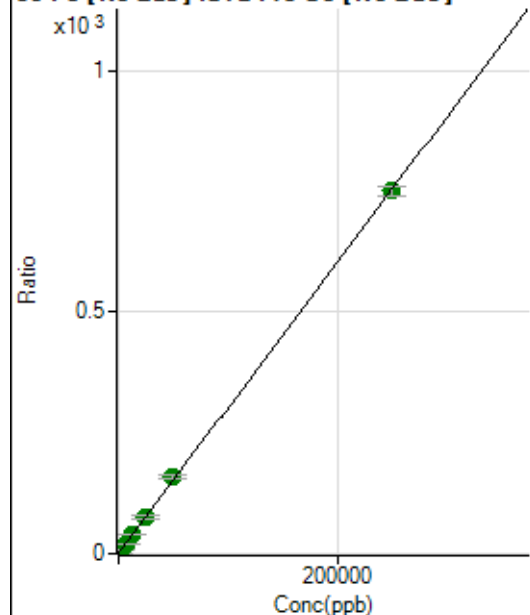
$$R = 0.9994$$

$$DL = 0.8736$$

$$BEC = 3.647$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	693372.30	0.6956	P	6.1
2	☐	50.000	51.425	843168.04	0.8504	P	1.9
3	☐	2500.000	2682.371	8403216.57	8.7686	A	2.9
4	☐	6250.000	6484.054	19978774.32	20.2103	A	0.7
5	☐	12500.000	13001.485	39428203.90	39.8255	A	4.6
6	☐	25000.000	24750.890	76137171.99	75.1871	A	6.9
7	☐	50000.000	52713.499	152617185.14	159.3448	A	5.1
8	☐	250000.00	249449.46	724509317.13	751.4511	A	2.8

$$y = 0.0030 * x + 0.6956$$

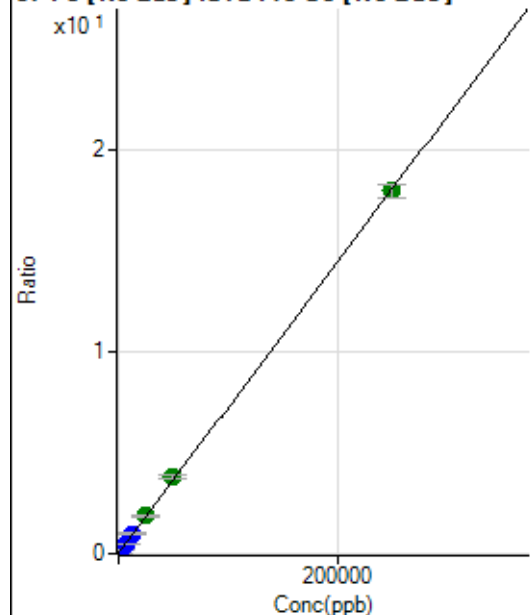
$$R = 0.9999$$

$$DL = 42.25$$

$$BEC = 231.1$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24292.19	0.0244	P	8.6
2	☐	50.000	54.695	28096.34	0.0283	P	1.8
3	☐	2500.000	2720.980	211298.91	0.2205	P	2.1
4	☐	6250.000	6615.978	495412.32	0.5012	P	0.2
5	☐	12500.000	13229.549	967838.07	0.9778	P	5.5
6	☐	25000.000	25578.559	1891083.62	1.8677	A	7.3
7	☐	50000.000	52705.446	3662734.40	3.8226	A	3.8
8	☐	250000.00	249353.21	17346080.26	17.9941	A	3.4

$$y = 7.2065E-005 * x + 0.0244$$

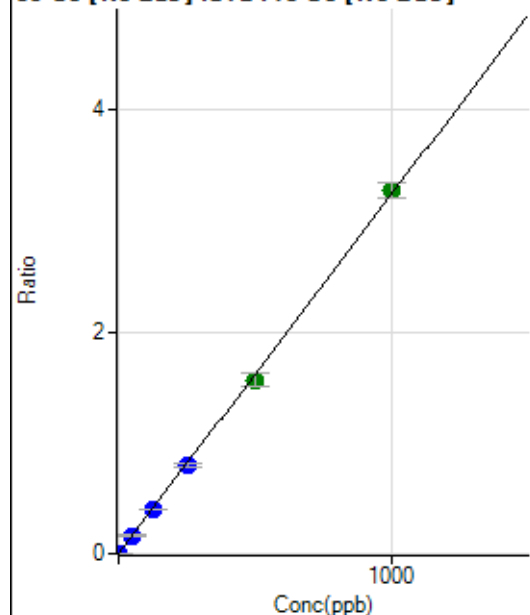
$$R = 0.9999$$

$$DL = 87.66$$

$$BEC = 338.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	774.15	0.0008	P	3.0
2	☐	1.000	0.933	3764.39	0.0038	P	4.9
3	☐	50.000	50.568	157587.63	0.1644	P	2.7
4	☐	125.000	123.367	395436.13	0.4001	P	0.9
5	☐	250.000	244.651	784470.02	0.7926	P	5.4
6	☐	500.000	483.610	1585030.24	1.5660	A	8.4
7	☐	1000.000	1009.708	3131438.39	3.2687	A	4.3
8	☐			8494.71	0.0088	P	2.5

$$y = 0.0032 * x + 7.7479E-004$$

$$R = 0.9998$$

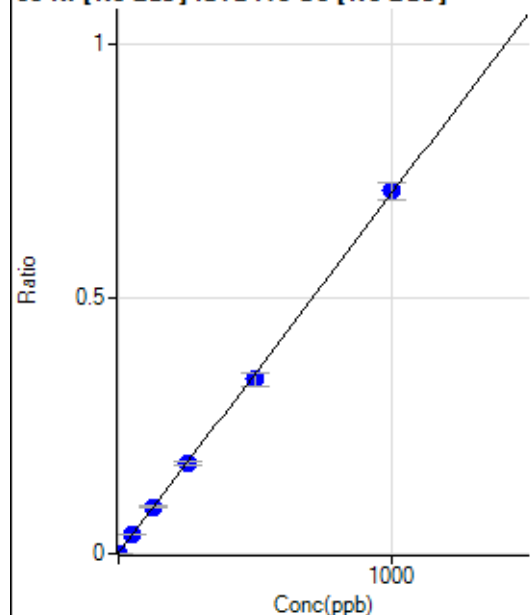
$$DL = 0.02151$$

$$BEC = 0.2394$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	887.61	0.0009	P	17.9
2	☐	1.000	1.158	1695.19	0.0017	P	10.2
3	☐	50.000	53.637	37086.25	0.0387	P	0.8
4	☐	125.000	129.627	91175.83	0.0922	P	2.3
5	☐	250.000	251.119	176056.28	0.1779	P	5.2
6	☐	500.000	482.830	345381.35	0.3412	P	7.8
7	☐	1000.000	1007.545	680996.11	0.7109	P	4.8
8	☐			4855.84	0.0050	P	10.9

$$y = 7.0473\text{E-}004 * x + 8.9453\text{E-}004$$

R = 0.9998

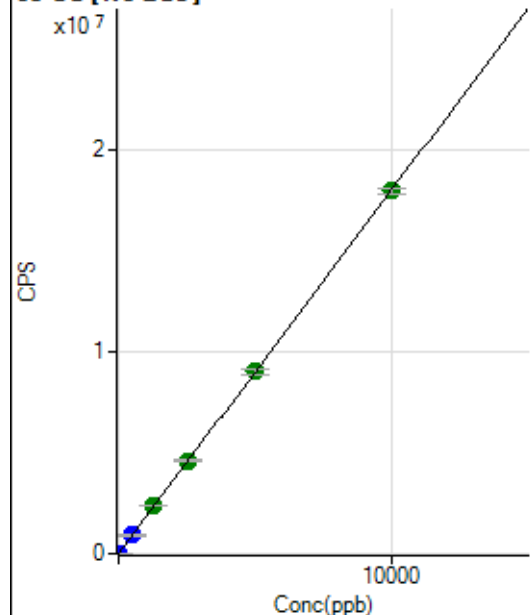
DL = 0.6808

BEC = 1.269

Weight: <None>

Min Conc: 0

63 Cu [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4013.94		P	2.5
2	☐	2.000	1.903	7433.12		P	2.2
3	☐	500.000	504.178	909969.80		P	1.8
4	☐	1250.000	1323.717	2382596.60		A	0.9
5	☐	2500.000	2554.642	4594440.45		A	1.4
6	☐	5000.000	4997.435	8983885.01		A	3.2
7	☐	10000.000	9978.199	17933800.98		A	1.4
8	☐			16016.29		P	5.0

$$y = 1796.8962 * x + 4013.9400$$

R = 1.0000

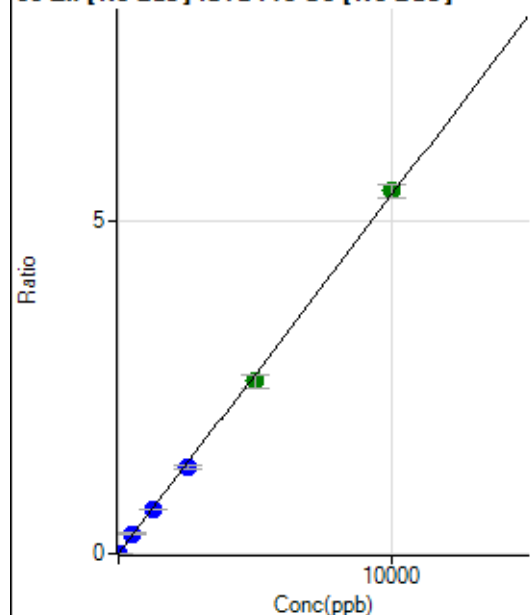
DL = 0.1695

BEC = 2.234

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	360.38	0.0004	P	17.8
2	☐	2.000	2.196	1528.32	0.0015	P	10.5
3	☐	500.000	556.895	287594.45	0.3001	P	2.8
4	☐	1250.000	1220.120	649467.77	0.6571	P	0.9
5	☐	2500.000	2419.668	1289497.60	1.3027	P	4.9
6	☐	5000.000	4807.377	2619715.98	2.5878	A	7.8
7	☐	10000.000	10117.285	5217942.71	5.4457	A	3.8
8	☐			12207.88	0.0127	P	0.5

$$y = 5.3822\text{E-}004 * x + 3.6006\text{E-}004$$

$$R = 0.9996$$

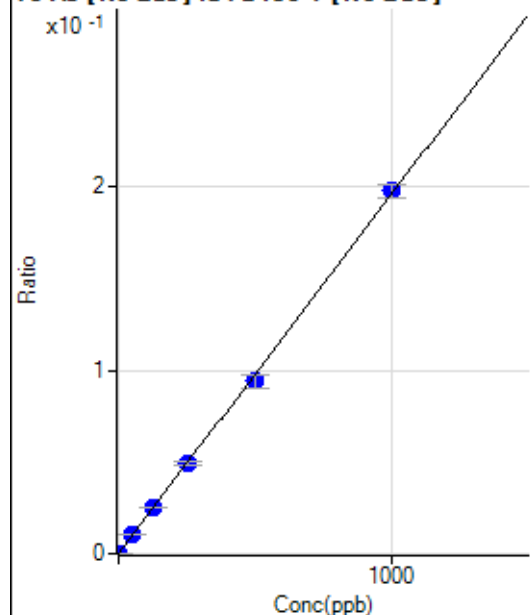
$$DL = 0.3575$$

$$BEC = 0.669$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	26.1
2	☐	1.000	0.941	616.70	0.0002	P	13.7
3	☐	50.000	52.933	27176.68	0.0104	P	0.5
4	☐	125.000	128.169	68709.36	0.0252	P	2.5
5	☐	250.000	251.405	136152.83	0.0494	P	3.1
6	☐	500.000	479.280	264160.45	0.0941	P	7.9
7	☐	1000.000	1009.466	534996.03	0.1980	P	3.9
8	☐			288.90	0.0001	P	17.6

$$y = 1.9615\text{E-}004 * x + 4.3431\text{E-}005$$

$$R = 0.9997$$

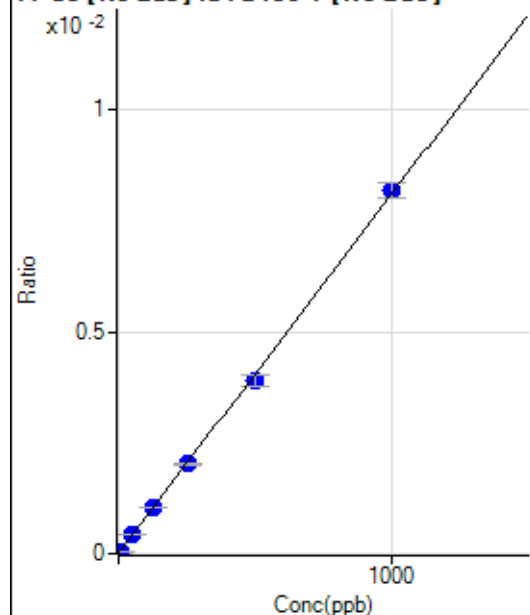
$$DL = 0.1733$$

$$BEC = 0.2214$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.55	0.0000	P	16.0
2	☐	5.000	4.996	136.66	0.0001	P	10.5
3	☐	50.000	53.989	1163.83	0.0004	P	2.5
4	☐	125.000	126.901	2826.06	0.0010	P	2.5
5	☐	250.000	247.951	5555.76	0.0020	P	3.7
6	☐	500.000	480.685	10944.01	0.0039	P	6.5
7	☐	1000.000	1009.733	22072.27	0.0082	P	4.1
8	☐			156.00	0.0001	P	10.8

$$y = 8.0825E-006 * x + 1.0156E-005$$

$$R = 0.9997$$

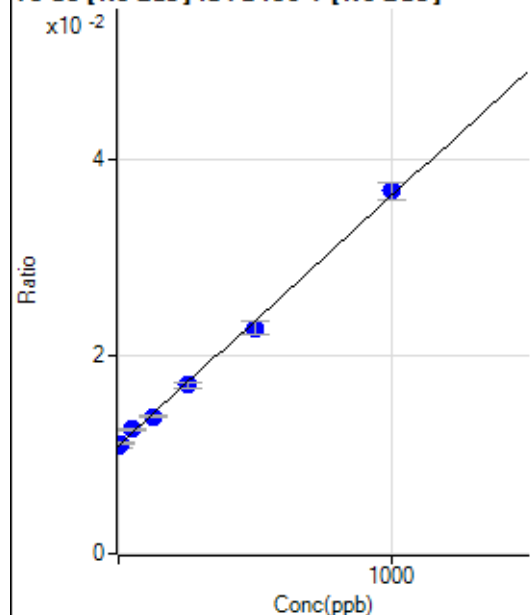
$$DL = 0.603$$

$$BEC = 1.257$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29896.11	0.0110	P	6.0
2	☐	5.000	7.245	30234.84	0.0112	P	0.8
3	☐	50.000	64.402	32893.85	0.0126	P	1.7
4	☐	125.000	114.271	37884.69	0.0139	P	1.7
5	☐	250.000	240.066	47091.94	0.0171	P	3.0
6	☐	500.000	468.167	64201.24	0.0228	P	5.9
7	☐	1000.000	1019.010	99383.89	0.0368	P	4.4
8	☐			28486.34	0.0105	P	3.6

$$y = 2.5324E-005 * x + 0.0110$$

$$R = 0.9989$$

$$DL = 77.71$$

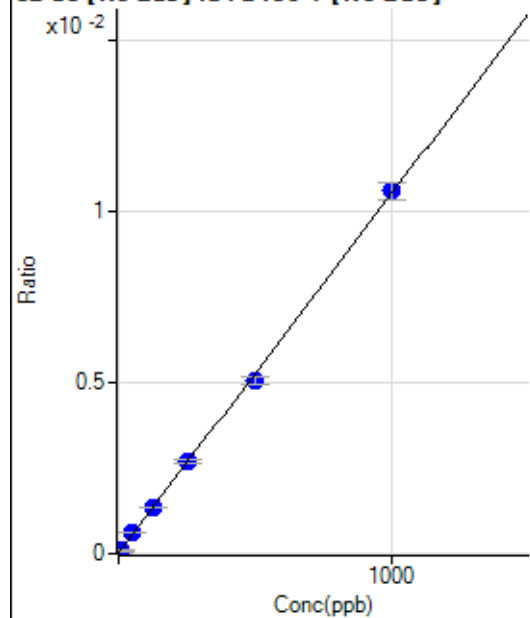
$$BEC = 434$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1157.91		P	2.6
2	☐			1197.95		P	18.4
3	☐			1131.22		P	4.7
4	☐			1224.65		P	14.0
5	☐			1151.24		P	18.2
6	☐			1021.09		P	15.2
7	☐			1124.54		P	7.3
8	☐			1751.92		P	3.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.78	0.0000	P	13.0
2	☐	5.000	5.634	230.45	0.0001	P	6.8
3	☐	50.000	53.975	1543.65	0.0006	P	0.5
4	☐	125.000	126.177	3682.41	0.0013	P	1.7
5	☐	250.000	255.738	7471.40	0.0027	P	3.5
6	☐	500.000	480.275	14232.75	0.0051	P	5.1
7	☐	1000.000	1008.079	28627.30	0.0106	P	4.8
8	☐			262.34	0.0001	P	2.0

$$y = 1.0489\text{E-}005 * x + 2.6069\text{E-}005$$

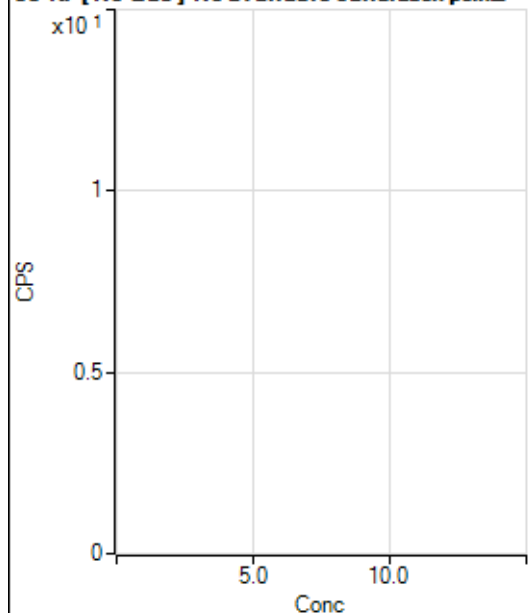
$$R = 0.9997$$

$$DL = 0.9719$$

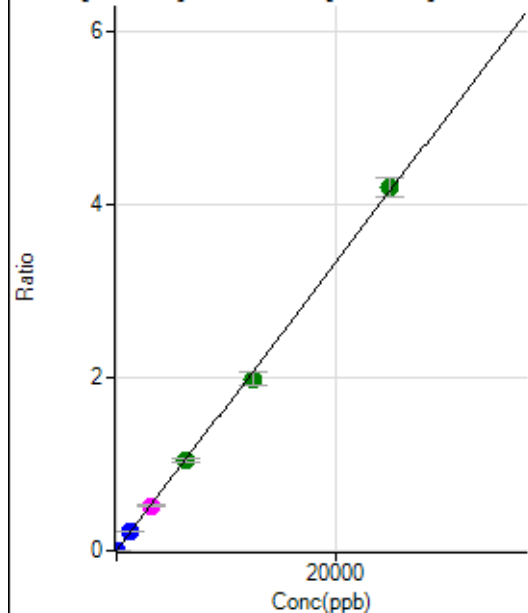
$$BEC = 2.485$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			332.23		P	1.5
2	☐			308.90		P	16.2
3	☐			264.45		P	14.3
4	☐			267.78		P	7.1
5	☐			300.01		P	17.1
6	☐			281.12		P	5.6
7	☐			252.23		P	13.5
8	☐			250.01		P	6.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	663.93	0.0002	P	18.6
2	☐	1.000	1.251	1225.09	0.0005	P	3.8
3	☐	1250.000	1293.477	559718.45	0.2148	P	2.9
4	☐	3125.000	3136.220	1419561.73	0.5204	M	3.2
5	☐	6250.000	6289.148	2877715.47	1.0432	A	3.4
6	☐	12500.000	11950.111	5567134.28	1.9820	A	7.4
7	☐	25000.000	25261.581	11312348.00	4.1896	A	5.4
8	☐			1847.55	0.0007	P	12.4

$$y = 1.6584E-004 * x + 2.4529E-004$$

$$R = 0.9996$$

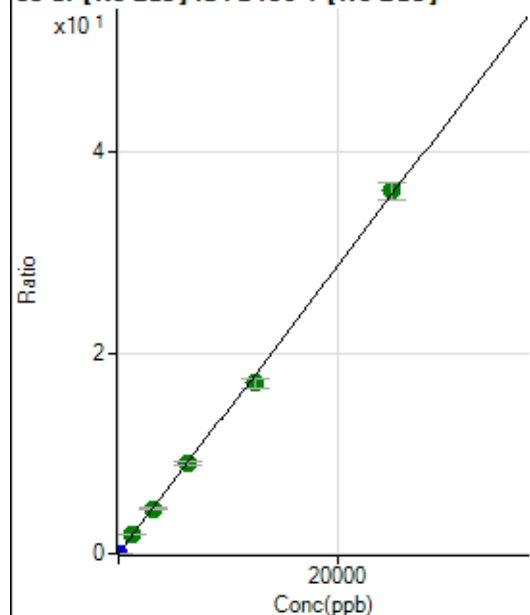
$$DL = 0.8247$$

$$BEC = 1.479$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2544.75	0.0009	P	9.6
2	☐	1.000	0.965	6262.67	0.0023	P	6.0
3	☐	1250.000	1301.518	4846363.61	1.8596	A	2.7
4	☐	3125.000	3133.590	12212016.94	4.4758	A	2.0
5	☐	6250.000	6243.944	24594950.20	8.9176	A	4.1
6	☐	12500.000	11902.514	47767441.35	16.9983	A	5.7
7	☐	25000.000	25296.607	97554615.38	36.1256	A	5.0
8	☐			12037.00	0.0044	P	10.9

$$y = 0.0014 * x + 9.3657E-004$$

$$R = 0.9996$$

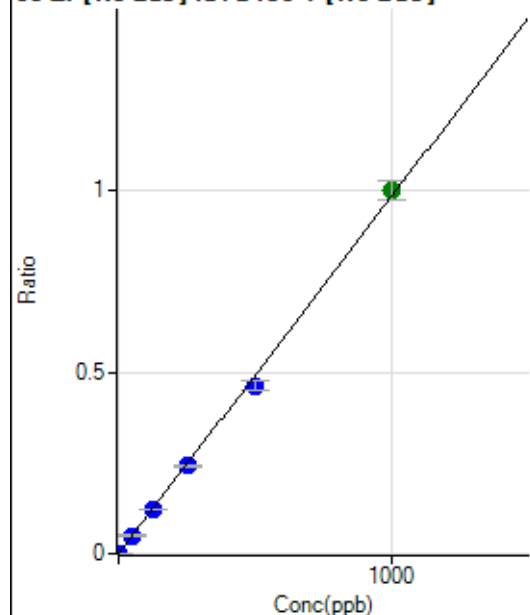
$$DL = 0.1896$$

$$BEC = 0.6558$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	48.8
2	☐	1.000	1.017	2794.80	0.0010	P	8.7
3	☐	50.000	51.113	131149.18	0.0503	P	3.2
4	☐	125.000	123.648	332035.20	0.1217	P	1.3
5	☐	250.000	245.487	666299.38	0.2416	P	3.6
6	☐	500.000	470.351	1300474.47	0.4628	P	6.0
7	☐	1000.000	1016.066	2699526.69	0.9997	A	5.2
8	☐			1194.53	0.0004	P	10.6

$$y = 9.8387E-004 * x + 3.2525E-005$$

$$R = 0.9993$$

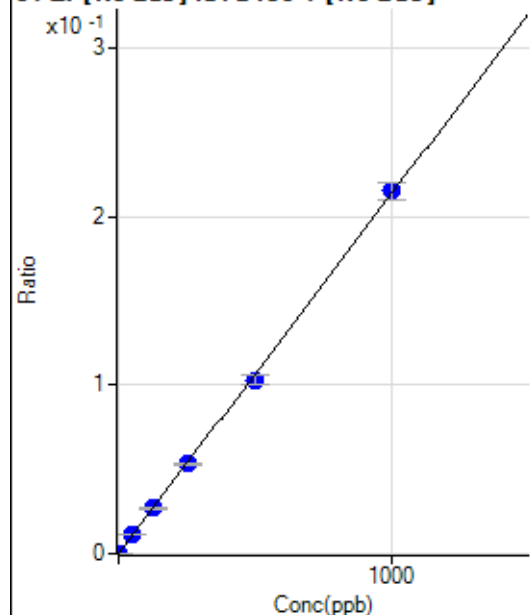
$$DL = 0.04839$$

$$BEC = 0.03306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	90.6
2	☐	1.000	0.966	583.36	0.0002	P	4.7
3	☐	50.000	52.284	29100.45	0.0112	P	4.4
4	☐	125.000	125.591	73166.96	0.0268	P	1.9
5	☐	250.000	249.116	146674.58	0.0532	P	3.6
6	☐	500.000	483.216	289779.98	0.1031	P	6.3
7	☐	1000.000	1008.425	581189.65	0.2152	P	5.0
8	☐			275.01	0.0001	P	11.4

$$y = 2.1341\text{E-}004 * x + 9.4052\text{E-}006$$

$$R = 0.9998$$

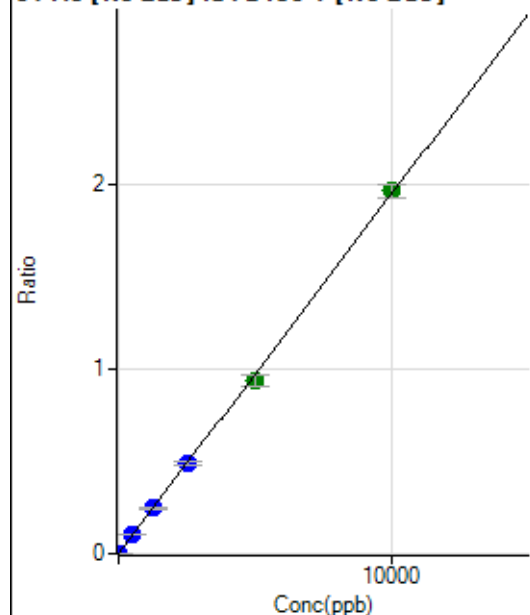
$$DL = 0.1197$$

$$BEC = 0.04407$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	30.4
2	☐	5.000	5.808	3114.32	0.0012	P	2.9
3	☐	500.000	523.775	266574.95	0.1023	P	3.4
4	☐	1250.000	1261.938	672310.42	0.2464	P	2.1
5	☐	2500.000	2503.981	1348459.32	0.4889	P	4.1
6	☐	5000.000	4819.670	2643624.63	0.9411	A	7.0
7	☐	10000.000	10086.488	5320294.04	1.9694	A	3.9
8	☐			1427.92	0.0005	P	3.4

$$y = 1.9525\text{E-}004 * x + 1.7116\text{E-}005$$

$$R = 0.9998$$

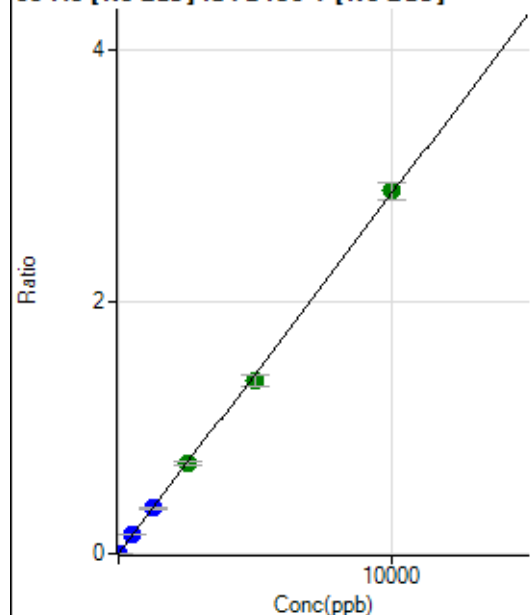
$$DL = 0.07987$$

$$BEC = 0.08766$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	78.5
2	☐	5.000	5.151	4009.01	0.0015	P	3.8
3	☐	500.000	524.690	390548.77	0.1499	P	3.0
4	☐	1250.000	1267.580	987777.65	0.3620	P	2.1
5	☐	2500.000	2513.105	1979980.86	0.7178	A	3.2
6	☐	5000.000	4816.608	3864472.13	1.3757	A	6.9
7	☐	10000.000	10084.988	7779279.17	2.8803	A	4.5
8	☐			1627.93	0.0006	P	6.0

$$y = 2.8560E-004 * x + 1.0239E-005$$

$$R = 0.9997$$

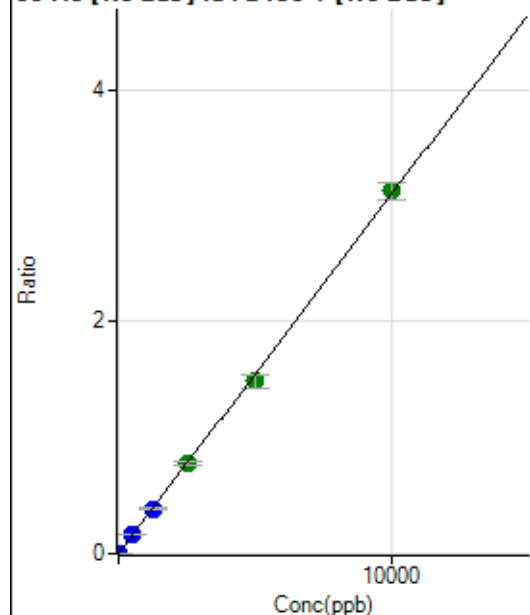
$$DL = 0.08443$$

$$BEC = 0.03585$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	44.7
2	☐	5.000	4.876	4178.51	0.0015	P	7.8
3	☐	500.000	524.633	424212.27	0.1628	P	1.6
4	☐	1250.000	1256.935	1063933.88	0.3899	P	1.2
5	☐	2500.000	2513.149	2149646.32	0.7796	A	5.4
6	☐	5000.000	4802.824	4184886.03	1.4898	A	7.3
7	☐	10000.000	10093.203	8456049.32	3.1308	A	4.7
8	☐			2161.35	0.0008	P	2.1

$$y = 3.1019E-004 * x + 3.2236E-005$$

$$R = 0.9997$$

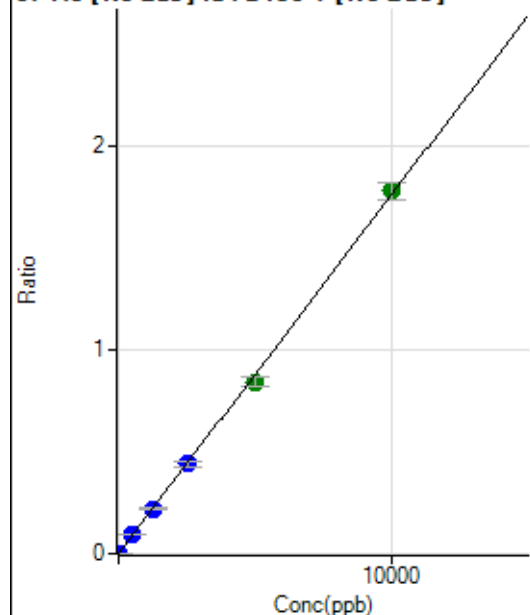
$$DL = 0.1394$$

$$BEC = 0.1039$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	19.9
2	☐	5.000	5.104	2466.96	0.0009	P	13.5
3	☐	500.000	522.384	239995.54	0.0921	P	1.9
4	☐	1250.000	1256.565	604283.35	0.2215	P	1.6
5	☐	2500.000	2495.992	1213077.57	0.4399	P	4.9
6	☐	5000.000	4782.128	2368594.30	0.8428	A	5.5
7	☐	10000.000	10107.998	4811385.87	1.7814	A	4.5
8	☐			1013.96	0.0004	P	14.4

$$y = 1.7624\text{E-}004 * x + 1.2148\text{E-}005$$

$$R = 0.9996$$

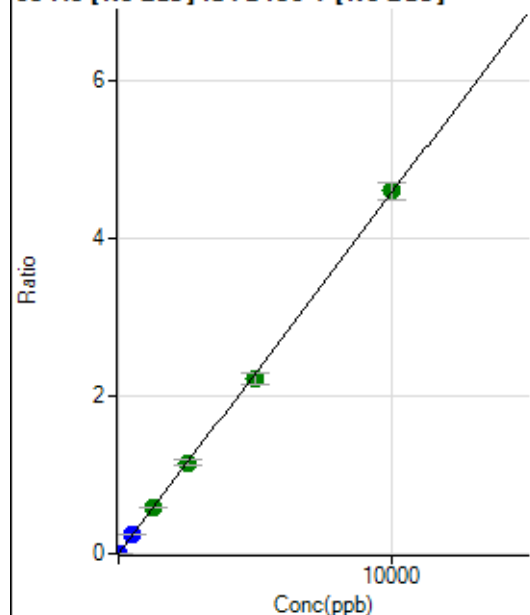
$$DL = 0.04118$$

$$BEC = 0.06893$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	72.6
2	☐	5.000	4.940	6126.50	0.0023	P	2.7
3	☐	500.000	524.087	624781.38	0.2397	P	2.6
4	☐	1250.000	1273.812	1589749.68	0.5826	A	1.1
5	☐	2500.000	2528.577	3188976.74	1.1565	A	5.1
6	☐	5000.000	4847.804	6230294.54	2.2172	A	6.0
7	☐	10000.000	10064.773	12432616.94	4.6033	A	4.6
8	☐			2792.07	0.0010	P	2.1

$$y = 4.5737\text{E-}004 * x + 5.1775\text{E-}006$$

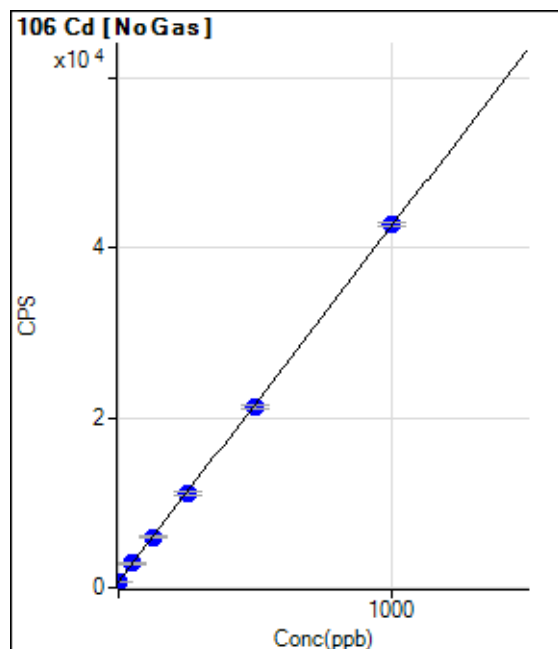
$$R = 0.9998$$

$$DL = 0.02467$$

$$BEC = 0.01132$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	711.15		P	13.3
2	☐	1.000	-1.396	652.81		P	11.2
3	☐	50.000	51.067	2844.81		P	4.5
4	☐	125.000	125.023	5934.75		P	4.6
5	☐	250.000	248.895	11110.28		P	2.6
6	☐	500.000	492.785	21300.33		P	2.5
7	☐	1000.000	1003.830	42652.44		P	1.0
8	☐			616.70		P	3.6

$$y = 41.7813 * x + 711.1500$$

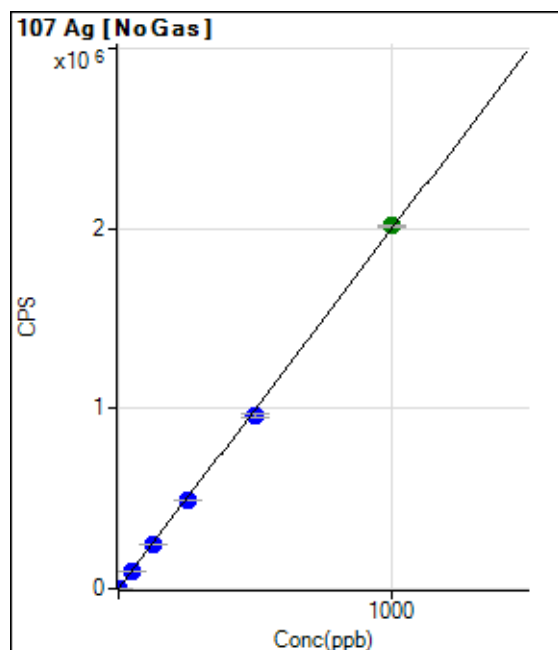
$$R = 1.0000$$

$$DL = 6.805$$

$$BEC = 17.02$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78		P	75.5
2	☐	1.000	0.986	1997.42		P	8.2
3	☐	50.000	48.846	97571.90		P	2.3
4	☐	125.000	123.508	246668.32		P	0.9
5	☐	250.000	246.306	491890.45		P	0.6
6	☐	500.000	482.730	964021.99		P	2.2
7	☐	1000.000	1009.803	2016565.04		A	0.7
8	☐			400.02		P	25.3

$$y = 1996.9618 * x + 27.7767$$

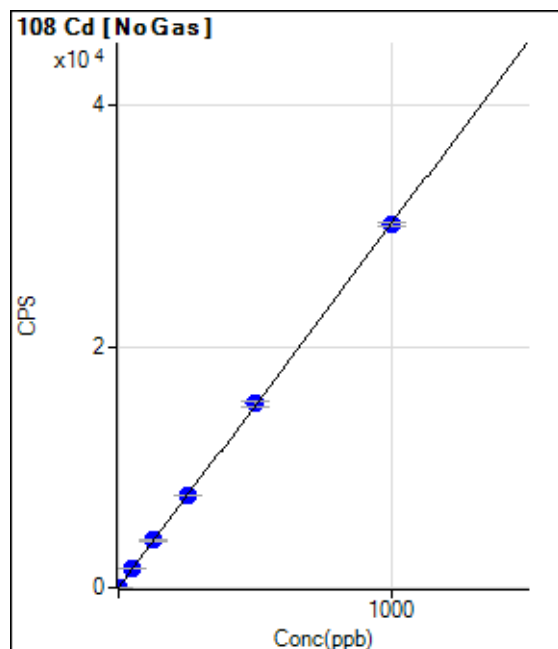
$$R = 0.9998$$

$$DL = 0.03151$$

$$BEC = 0.01391$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89		P	17.3
2	☐	1.000	1.149	48.61		P	9.9
3	☐	50.000	52.211	1591.78		P	8.4
4	☐	125.000	130.769	3965.91		P	4.6
5	☐	250.000	252.469	7643.87		P	1.5
6	☐	500.000	504.616	15264.12		P	2.5
7	☐	1000.000	996.243	30121.79		P	1.0
8	☐			59.72		P	38.4

$$y = 30.2214 * x + 13.8900$$

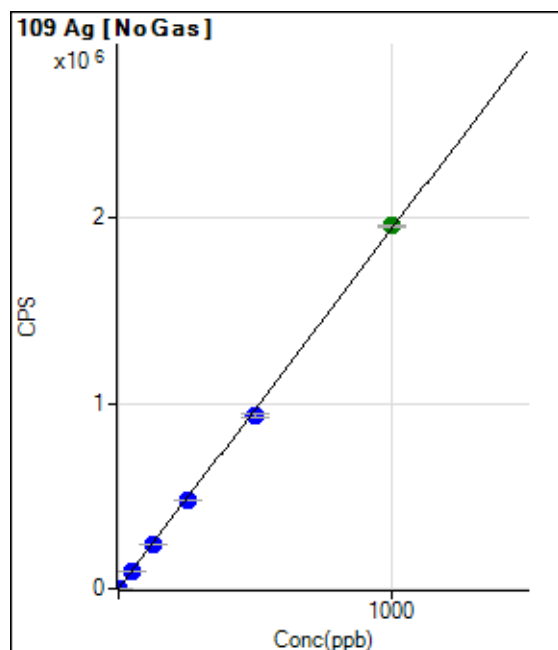
$$R = 1.0000$$

$$DL = 0.239$$

$$BEC = 0.4596$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11		P	43.3
2	☐	1.000	0.997	1947.42		P	8.7
3	☐	50.000	49.150	95429.51		P	2.2
4	☐	125.000	122.183	237213.10		P	0.2
5	☐	250.000	247.341	480189.55		P	0.6
6	☐	500.000	482.947	937586.05		P	2.6
7	☐	1000.000	1009.586	1959981.86		A	0.8
8	☐			352.80		P	17.4

$$y = 1941.3614 * x + 11.1100$$

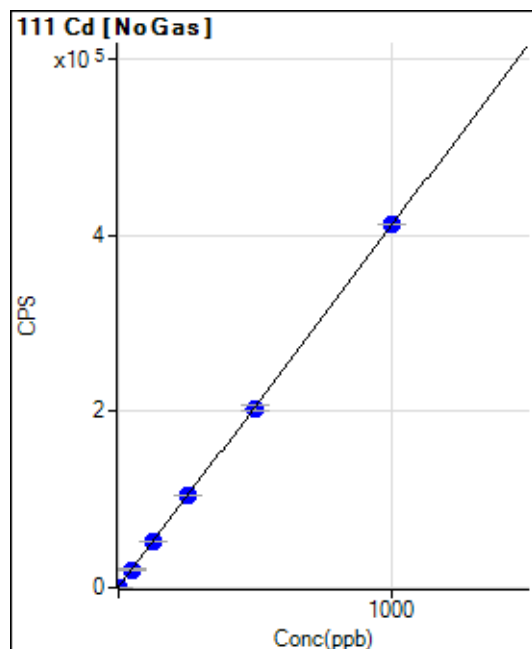
$$R = 0.9998$$

$$DL = 0.007441$$

$$BEC = 0.005723$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	503.36		P	12.2
2	☐	1.000	0.752	811.84		P	7.7
3	☐	50.000	48.812	20535.73		P	4.6
4	☐	125.000	126.275	52326.19		P	0.8
5	☐	250.000	252.711	104215.61		P	0.8
6	☐	500.000	495.167	203719.08		P	2.6
7	☐	1000.000	1001.639	411574.09		P	0.2
8	☐			638.50		P	1.4

$$y = 410.3981 * x + 503.3567$$

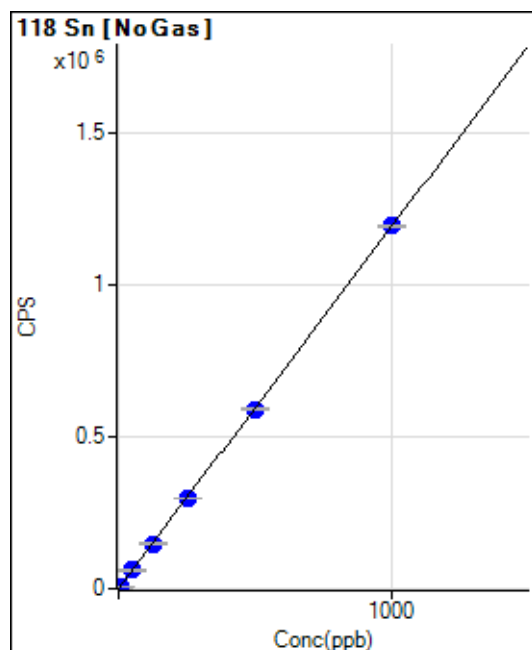
$$R = 1.0000$$

$$DL = 0.4499$$

$$BEC = 1.227$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79		P	24.3
2	☐	5.000	4.763	5915.31		P	1.9
3	☐	50.000	50.308	60059.75		P	1.7
4	☐	125.000	124.608	148387.40		P	1.2
5	☐	250.000	250.421	297955.45		P	0.3
6	☐	500.000	495.608	589435.38		P	1.4
7	☐	1000.000	1002.126	1191588.45		P	0.5
8	☐			838.94		P	9.5

$$y = 1188.8086 * x + 252.7867$$

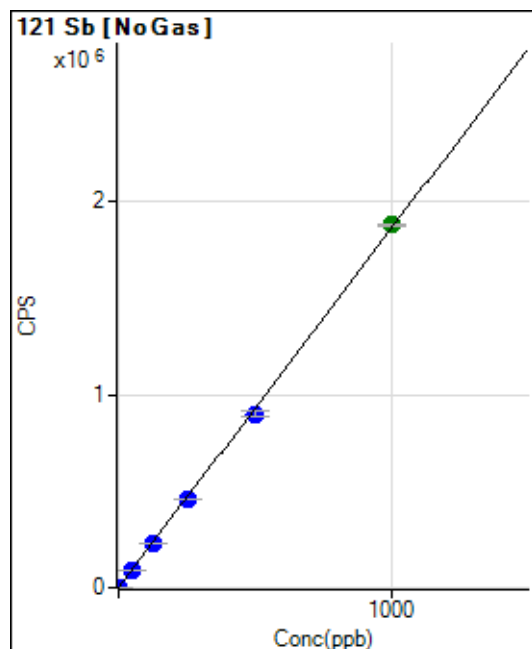
$$R = 1.0000$$

$$DL = 0.155$$

$$BEC = 0.2126$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56		P	22.9
2	☐	2.000	1.935	3661.69		P	5.3
3	☐	50.000	48.201	89876.31		P	2.8
4	☐	125.000	121.815	227054.91		P	1.3
5	☐	250.000	246.080	458618.11		P	0.4
6	☐	500.000	483.538	901113.28		P	2.7
7	☐	1000.000	1009.699	1881599.28		A	0.2
8	☐			1044.52		P	22.9

$$y = 1863.4694 * x + 55.5600$$

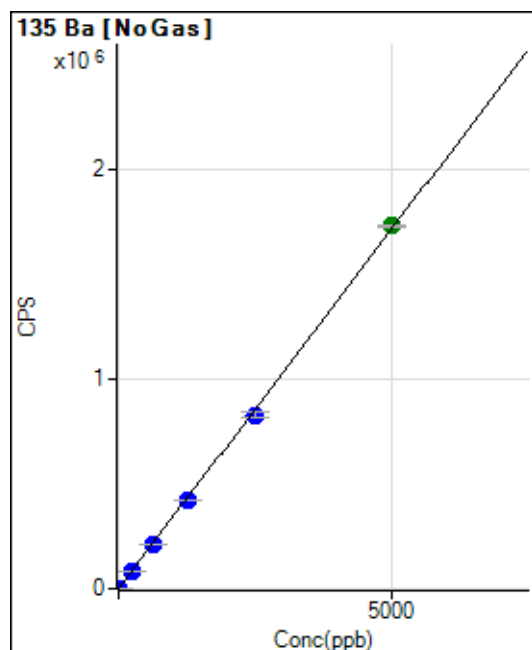
$$R = 0.9998$$

$$DL = 0.02049$$

$$BEC = 0.02982$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78		P	52.9
2	☐	10.000	8.921	3142.11		P	3.9
3	☐	250.000	242.790	83476.96		P	2.0
4	☐	625.000	614.954	211316.38		P	0.9
5	☐	1250.000	1226.667	421441.42		P	0.8
6	☐	2500.000	2417.630	830540.65		P	3.3
7	☐	5000.000	5048.637	1734298.99		A	0.4
8	☐			1188.98		P	9.5

$$y = 343.5029 * x + 77.7767$$

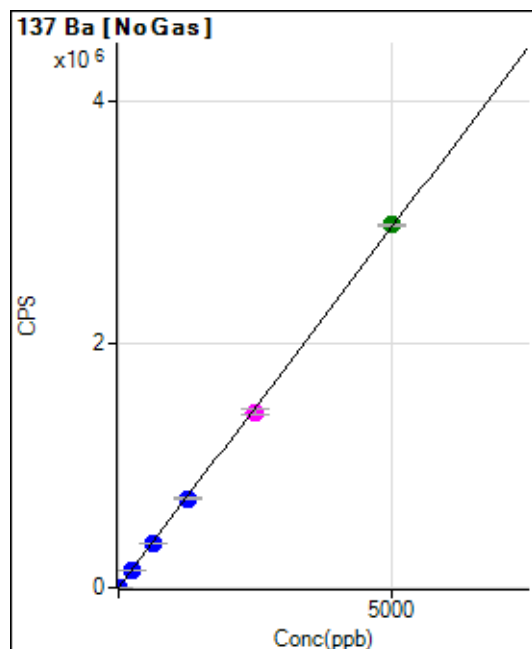
$$R = 0.9998$$

$$DL = 0.359$$

$$BEC = 0.2264$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78		P	40.0
2	☐	10.000	9.443	5693.02		P	2.3
3	☐	250.000	244.198	144661.04		P	2.6
4	☐	625.000	618.502	366238.90		P	1.1
5	☐	1250.000	1238.155	733056.49		P	0.8
6	☐	2500.000	2432.286	1439948.90		M	3.1
7	☐	5000.000	5037.922	2982413.89		A	0.8
8	☐			2072.45		P	7.1

$$y = 591.9725 * x + 102.7800$$

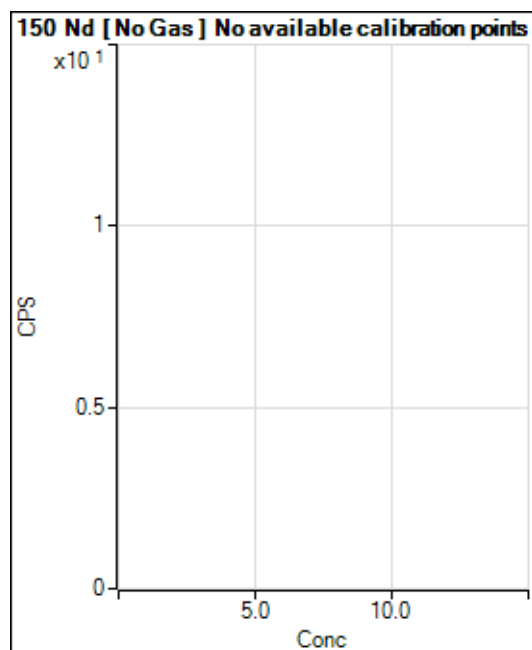
$$R = 0.9999$$

$$DL = 0.2083$$

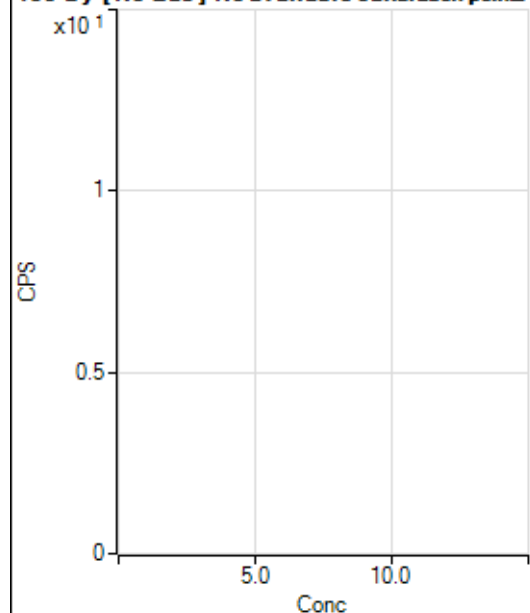
$$BEC = 0.1736$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			4.45		P	86.6
3	☐			13.33		P	50.0
4	☐			22.22		P	45.8
5	☐			13.34		P	86.6
6	☐			46.66		P	24.7
7	☐			88.89		P	49.9
8	☐			66.67		P	26.5

156 Dy [No Gas] No available calibration points

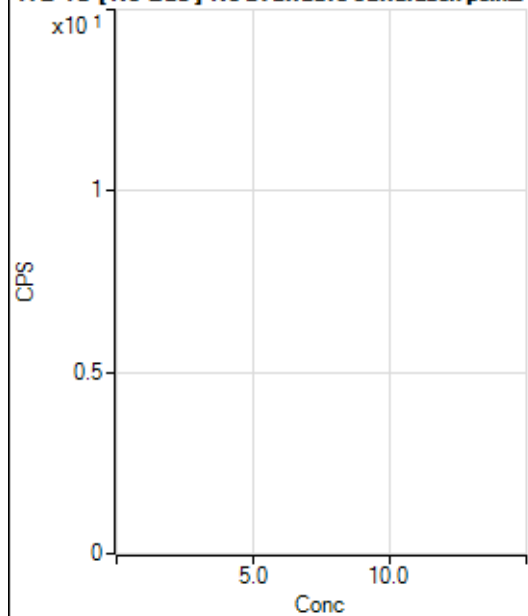
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	18.3
2	☐			44.44		P	28.6
3	☐			47.22		P	36.7
4	☐			52.78		P	36.5
5	☐			80.56		P	23.9
6	☐			111.11		P	15.6
7	☐			141.67		P	17.6
8	☐			411.13		P	12.2

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

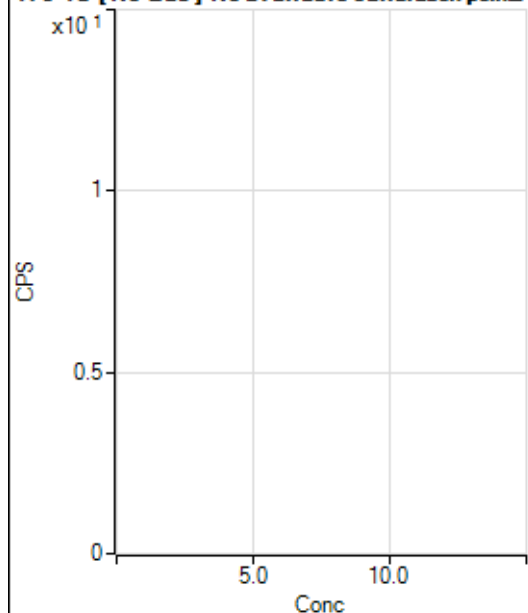
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐			22.22		P	57.3
3	☐			27.78		P	17.3
4	☐			36.11		P	74.2
5	☐			52.78		P	63.8
6	☐			72.22		P	6.7
7	☐			119.45		P	8.1
8	☐			363.90		P	20.0

164 Er [No Gas] No available calibration points

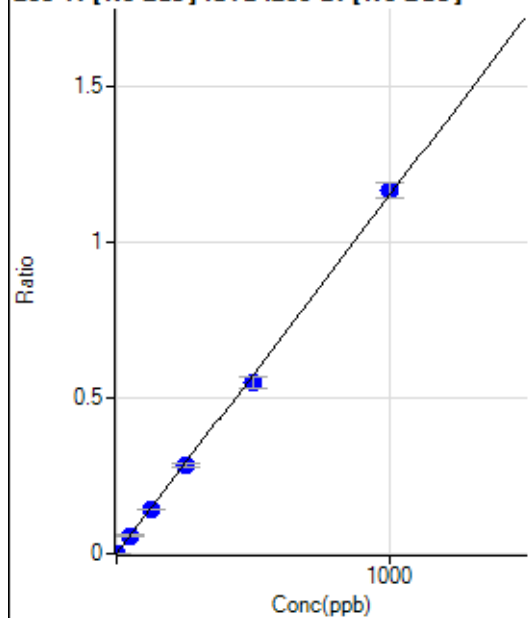
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐			19.45		P	24.7
3	☐			11.11		P	86.6
4	☐			25.00		P	115.
5	☐			11.11		P	114.
6	☐			25.00		P	33.3
7	☐			44.45		P	10.8
8	☐			50.00		P	0.0

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	57.3
2	☐			5.56		P	173.
3	☐			16.67		P	50.0
4	☐			25.00		P	33.3
5	☐			13.89		P	69.3
6	☐			25.00		P	57.7
7	☐			55.56		P	31.2
8	☐			69.45		P	6.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			263.90		P	22.2
2	☐			205.56		P	18.3
3	☐			488.91		P	3.9
4	☐			988.95		P	8.6
5	☐			1755.72		P	5.3
6	☐			3178.24		P	2.3
7	☐			6148.84		P	2.0
8	☐			211.12		P	28.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	68.6
2	☐	1.000	0.843	1233.43	0.0010	P	10.6
3	☐	50.000	50.363	69497.41	0.0578	P	2.4
4	☐	125.000	124.950	176925.83	0.1435	P	0.7
5	☐	250.000	246.900	356240.75	0.2834	P	4.7
6	☐	500.000	476.321	701625.12	0.5468	P	7.2
7	☐	1000.000	1012.603	1429319.84	1.1623	P	4.2
8	☐			463.91	0.0004	P	9.9

$$y = 0.0011 * x + 3.3170E-005$$

$$R = 0.9996$$

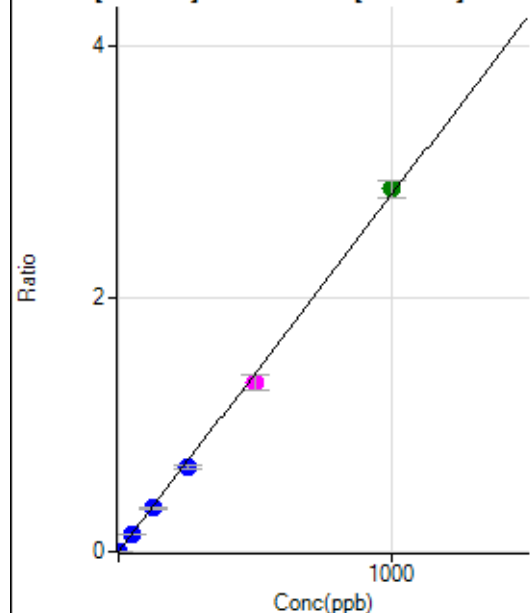
$$DL = 0.05947$$

$$BEC = 0.0289$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0001	P	26.2
2	☐	1.000	0.928	3319.98	0.0027	P	3.8
3	☐	50.000	48.532	164455.45	0.1369	P	2.5
4	☐	125.000	121.675	423057.14	0.3430	P	1.8
5	☐	250.000	238.424	844863.37	0.6721	P	4.5
6	☐	500.000	474.360	1715094.47	1.3371	M	8.8
7	☐	1000.000	1016.203	3522149.91	2.8644	A	4.5
8	☐			1155.64	0.0010	P	12.7

$$y = 0.0028 * x + 7.7695E-005$$

$$R = 0.9994$$

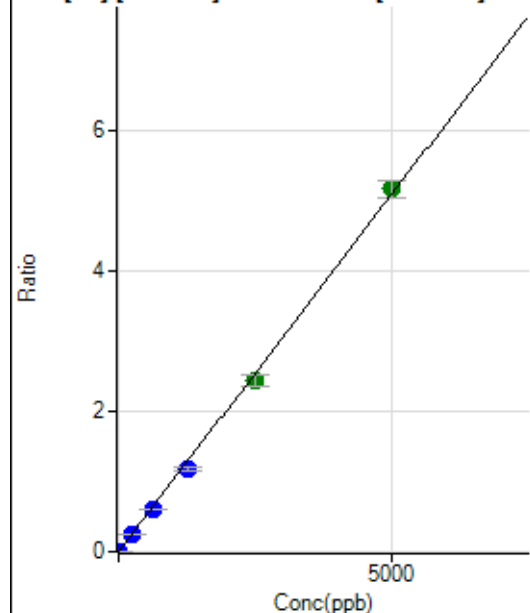
$$DL = 0.02167$$

$$BEC = 0.02756$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	305.57	0.0002	P	20.3
2	☐	1.000	0.936	1476.04	0.0012	P	4.3
3	☐	250.000	238.344	291791.55	0.2428	P	2.4
4	☐	625.000	587.867	738272.65	0.5986	P	0.7
5	☐	1250.000	1160.544	1485063.32	1.1814	P	4.5
6	☐	2500.000	2393.246	3126900.76	2.4361	A	6.2
7	☐	5000.000	5080.966	6359073.87	5.1716	A	4.6
8	☐			3057.83	0.0025	P	3.7

$$y = 0.0010 * x + 2.4564E-004$$

$$R = 0.9995$$

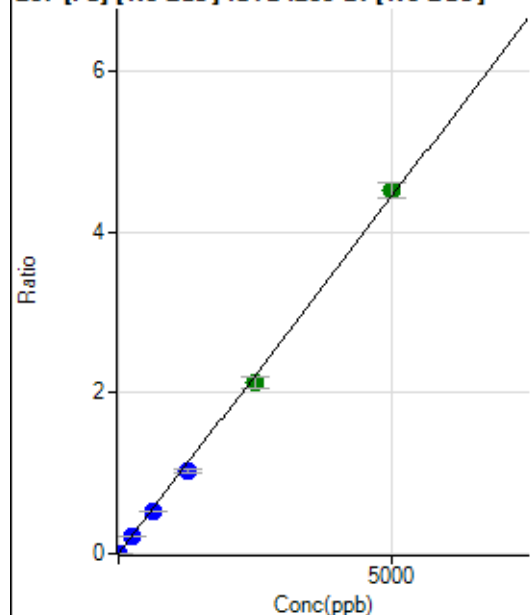
$$DL = 0.1471$$

$$BEC = 0.2413$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	251.86	0.0002	P	38.0
2	☐	1.000	0.957	1300.09	0.0011	P	2.7
3	☐	250.000	238.215	254165.58	0.2115	P	2.6
4	☐	625.000	587.764	643324.54	0.5216	P	0.7
5	☐	1250.000	1163.780	1297864.70	1.0326	P	4.8
6	☐	2500.000	2393.021	2724645.89	2.1231	A	6.9
7	☐	5000.000	5080.289	5542554.92	4.5069	A	4.1
8	☐			2626.25	0.0022	P	9.1

$$y = 8.8710E-004 * x + 2.0613E-004$$

$$R = 0.9995$$

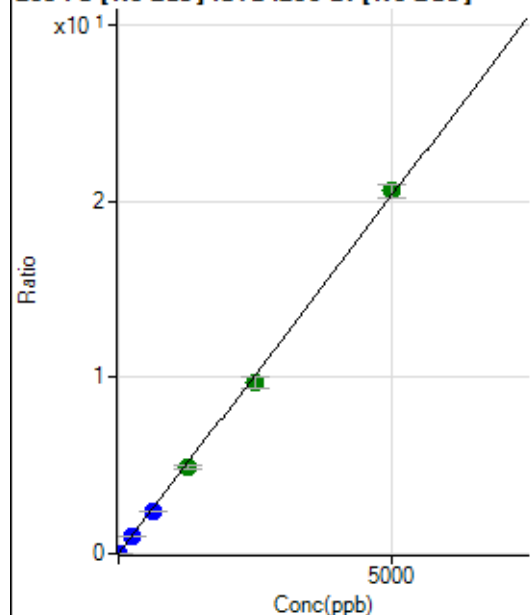
$$DL = 0.2648$$

$$BEC = 0.2324$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1213.01	0.0010	P	16.0
2	☐	1.000	0.924	5833.96	0.0047	P	2.4
3	☐	250.000	238.975	1166997.21	0.9712	P	2.4
4	☐	625.000	592.289	2966953.99	2.4056	P	0.7
5	☐	1250.000	1209.442	6172388.42	4.9112	A	5.0
6	☐	2500.000	2392.537	12470128.40	9.7145	A	6.0
7	☐	5000.000	5068.511	25307672.26	20.5787	A	4.1
8	☐			12304.41	0.0102	P	2.1

$$y = 0.0041 * x + 9.8510E-004$$

$$R = 0.9996$$

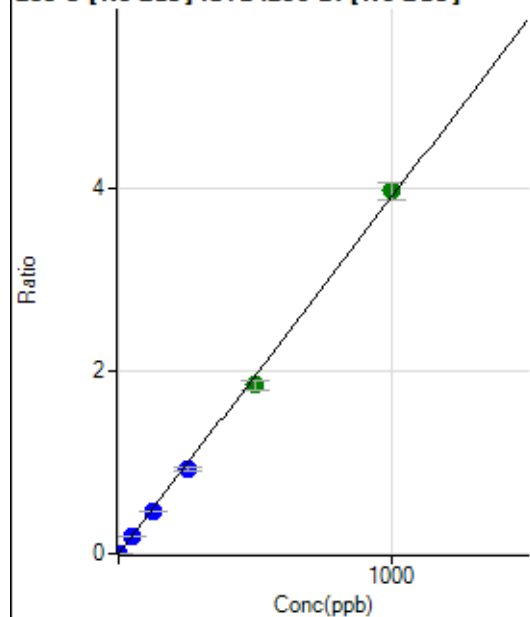
$$DL = 0.1163$$

$$BEC = 0.2426$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	1.000	0.904	4339.76	0.0035	P	3.3
3	☐	50.000	47.707	223372.23	0.1859	P	2.1
4	☐	125.000	118.616	570066.26	0.4622	P	1.1
5	☐	250.000	237.750	1164229.39	0.9265	P	5.4
6	☐	500.000	472.187	2361505.37	1.8400	A	6.7
7	☐	1000.000	1017.882	4876630.93	3.9664	A	5.0
8	☐			525.03	0.0004	P	12.0

$$y = 0.0039 * x + 2.3356E-006$$

$$R = 0.9994$$

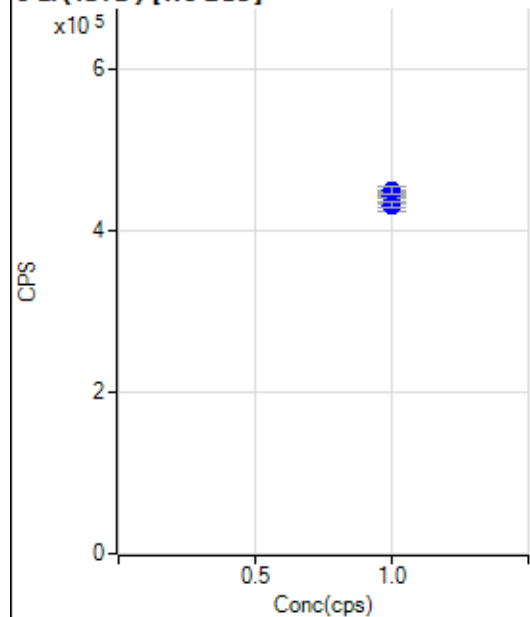
$$DL = 0.003114$$

$$BEC = 0.0005994$$

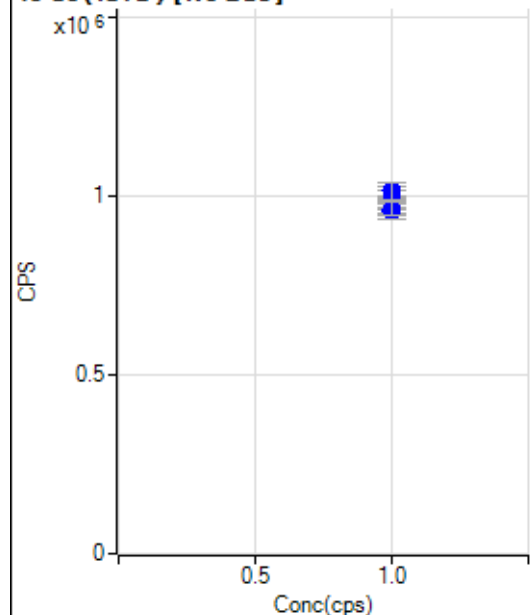
Weight: <None>

Min Conc: 0

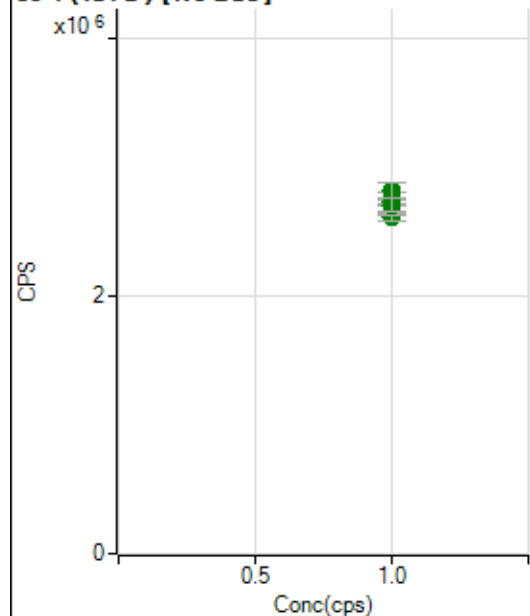
6 Li (ISTD) [No Gas]



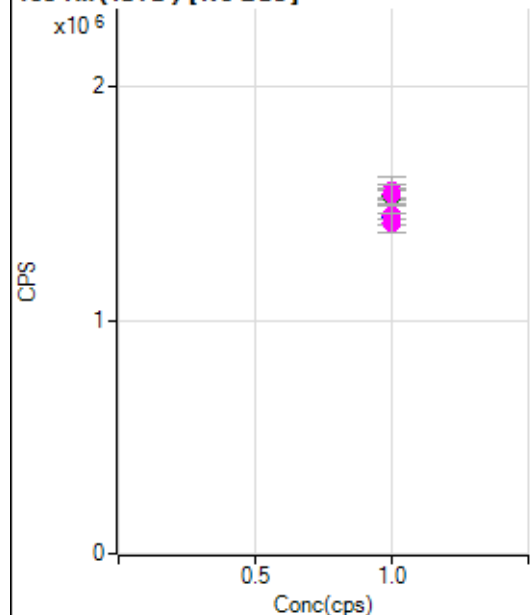
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		445555.05		P	3.8
2	☐	1.000		445261.26		P	1.1
3	☐	1.000		434694.37		P	0.8
4	☐	1.000		444013.44		P	0.5
5	☐	1.000		443716.03		P	3.3
6	☐	1.000		449712.48		P	2.2
7	☐	1.000		431605.19		P	3.9
8	☐	1.000		432264.45		P	2.0

45 Sc (ISTD) [No Gas]

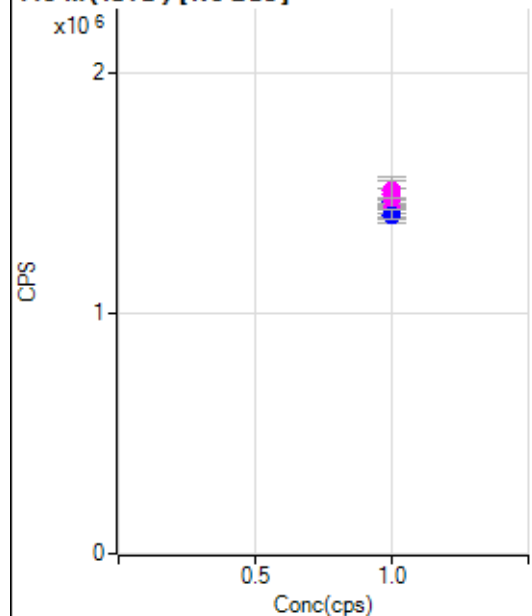
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		999262.99		P	6.1
2	☐	1.000		991731.30		P	1.7
3	☐	1.000		958472.77		P	1.0
4	☐	1.000		988514.93		P	1.0
5	☐	1.000		991397.88		P	4.6
6	☐	1.000		1014813.07		P	4.7
7	☐	1.000		959272.18		P	4.6
8	☐	1.000		964778.11		P	3.6

89 Y (ISTD) [No Gas]

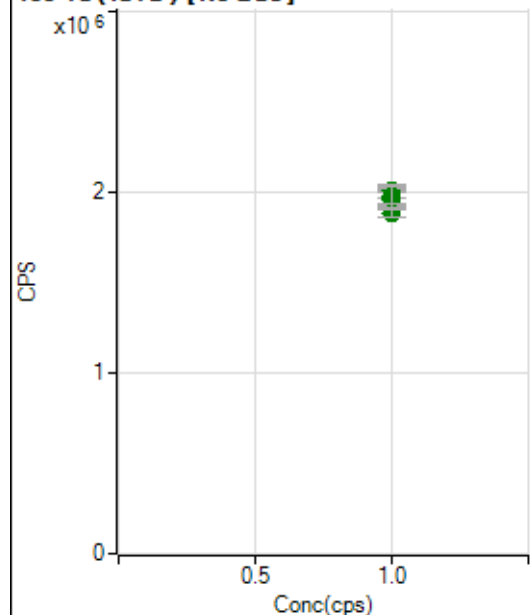
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2726701.47		A	6.1
2	☐	1.000		2705813.75		A	0.8
3	☐	1.000		2606512.11		A	1.4
4	☐	1.000		2728965.65		A	1.5
5	☐	1.000		2760483.64		A	3.3
6	☐	1.000		2814725.90		A	4.3
7	☐	1.000		2704514.46		A	4.5
8	☐	1.000		2706098.80		A	4.2

103 Rh (ISTD) [No Gas]

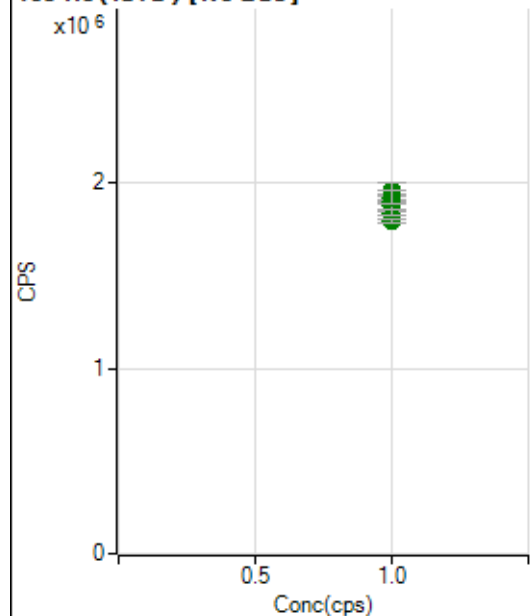
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1552976.39		M	8.3
2	☐	1.000		1539157.45		A	1.8
3	☐	1.000		1443676.11		P	1.5
4	☐	1.000		1535302.02		A	2.4
5	☐	1.000		1530187.48		A	4.3
6	☐	1.000		1535596.07		M	5.6
7	☐	1.000		1451459.86		M	5.8
8	☐	1.000		1419464.80		M	5.7

115 In (ISTD) [No Gas]

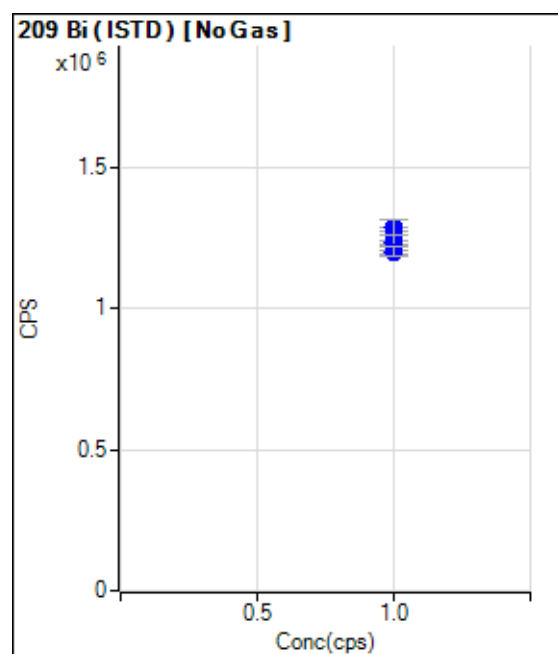
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1495613.05		M	7.7
2	☐	1.000		1455975.58		P	1.4
3	☐	1.000		1405940.33		P	1.5
4	☐	1.000		1460305.41		P	0.9
5	☐	1.000		1477586.33		M	5.7
6	☐	1.000		1506878.92		M	7.4
7	☐	1.000		1427160.87		M	7.2
8	☐	1.000		1409314.39		P	3.3

159 Tb (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1941282.96		A	7.5
2	☐	1.000		1927029.88		A	1.6
3	☐	1.000		1881502.02		A	2.2
4	☐	1.000		1970413.95		A	0.3
5	☐	1.000		1965118.70		A	3.9
6	☐	1.000		2009954.64		A	3.6
7	☐	1.000		1968074.66		A	5.6
8	☐	1.000		1986865.02		A	5.2

165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1860751.65		A	5.4
2	☐	1.000		1842354.03		A	1.1
3	☐	1.000		1796776.91		A	1.0
4	☐	1.000		1895154.68		A	0.8
5	☐	1.000		1880937.17		A	5.1
6	☐	1.000		1959091.39		A	5.0
7	☐	1.000		1902732.10		A	4.5
8	☐	1.000		1922852.19		A	3.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1238902.32		P	5.8
2	☐	1.000		1231928.45		P	1.4
3	☐	1.000		1201716.72		P	1.1
4	☐	1.000		1233385.47		P	0.8
5	☐	1.000		1258726.40		P	4.6
6	☐	1.000		1285761.64		P	4.1
7	☐	1.000		1231312.85		P	4.6
8	☐	1.000		1202093.93		P	3.2

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\200.8 P8081523 MS.b

Acq. Date-Time 2023-08-15 11:28:08

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		2766	27657.88			3.077	5.000
24		110579	1105794.49			2.523	5.000
25		14966	149662.36			2.925	5.000
26		17454	174541.03			3.057	5.000
59		19461	194612.94			2.882	5.000
113		2237	22370.51			2.577	5.000
115		26616	266156.75			2.462	5.000
206		6343	63427.79			2.351	5.000
207		5589	55888.96			2.318	5.000
208		13606	136062.49			2.222	5.000
220		0	2.60			58.330	

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

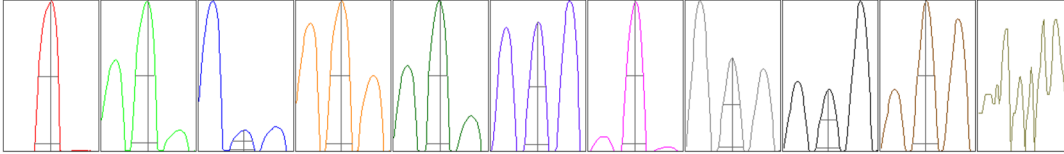
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2882	2797	2683	2786	2681
24	113776	112565	107088	111031	108437
25	15499	15255	14500	15033	14544
26	18075	17889	16851	17449	17006
59	20085	19922	18748	19475	19076
113	2312	2268	2165	2241	2198
115	27400	26909	25683	26803	26283
206	6493	6463	6122	6286	6350
207	5760	5622	5401	5553	5609
208	14019	13663	13179	13520	13649

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4589.46	9.00	8.90 - 9.10	
24	186436.21	24.00	23.90 - 24.10	
25	25144.31	24.95	24.90 - 25.10	
26	29683.66	25.95	25.90 - 26.10	
59	35237.82	59.00	58.90 - 59.10	
113	4377.52	113.00	112.90 - 113.10	
115	52280.73	115.00	114.90 - 115.10	
206	12346.37	206.00	205.90 - 206.10	
207	10883.94	206.95	206.90 - 207.10	
208	26591.32	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.785	0.900	
24	0.63	0.819	0.900	
25	0.63	0.786	0.900	
26	0.63	0.823	0.900	
59	0.59	0.738	0.900	
113	0.52	0.761	0.900	
115	0.53	0.760	0.900	
206	0.53	0.784	0.900	
207	0.52	0.758	0.900	
208	0.53	0.809	0.900	
220				

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	10.9 V	Deflect	14.6 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	140 V		

QP Parameters

Mass Gain	125	Axis Gain	0.9995	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.4 mm	Torch V	-1.0 mm
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EM

Discriminator	4.5 mV	Analog HV	2304 V	Pulse HV	1648 V
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LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:34:53	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.10	0.04	-0.14	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	-0.01	0.00	N/A	ppb
Arsenic	75-1	0.00	-0.06	0.06	0.00	N/A	ppb
Barium	135-1	-0.08	0.14	-0.06	0.00	N/A	ppb
Barium	137-1	-0.05	-0.03	0.08	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	-1.86	-0.66	2.53	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.09	-0.05	0.00	N/A	ppb
Cadmium	111-1	-0.13	-0.04	0.17	0.00	N/A	ppb
Calcium	43-1	2.47	-1.64	-0.83	0.00	N/A	ppb
Calcium	44-1	55.72	31.06	-86.78	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.11	-0.02	-0.09	0.00	N/A	ppb
Cobalt	59-1	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-1	0.01	0.05	-0.06	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	54-1						ppb
Iron	56-1	11.26	4.53	-15.79	0.00	N/A	ppb
Iron	57-1	28.90	0.64	-29.54	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.02	-0.06	0.04	0.00	N/A	ppb
Lead	207-1	0.03	0.07	-0.10	0.00	N/A	ppb
Lead	208-1	0.02	0.02	-0.04	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.40	0.10	0.29	0.00	N/A	ppb
Manganese	55-1	0.27	0.04	-0.31	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Molybdenum	95-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.05	0.03	0.00	N/A	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:34:53	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	-0.01	0.00	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	0.10	0.16	-0.26	0.00	N/A	ppb
Phosphorus	31-1	6.03	-8.53	-31.64	-11.38		ppb
Potassium	39-1	64.35	31.48	-95.83	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	82-1	0.35	-0.05	-0.30	0.00	N/A	ppb
Selenium	77-1	-0.03	0.22	-0.18	0.00	N/A	ppb
Selenium	78-1	15.54	14.36	-29.90	0.00	N/A	ppb
Silicon	28-1	2.11	0.93	-3.04	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.01	0.00	N/A	ppb
Sodium	23-1	19.65	7.88	-27.53	0.00	N/A	ppb
Strontium	86-1	0.09	0.22	-0.31	0.00	N/A	ppb
Strontium	88-1	0.01	0.06	-0.07	0.00	N/A	ppb
Sulfur	34-1	2892.60	1206.64	-4012.57	28.89	12461.34	ppb
Terbium	159-1				100		%
Thallium	203-1	-0.02	0.01	0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	N/A	ppb
Tin	118-1	0.04	0.02	-0.06	0.00	N/A	ppb
Titanium	47-1	-0.73	0.54	0.19	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.00	0.01	-0.01	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	-0.12	0.11	0.01	0.00	N/A	ppb
Zirconium	90-1	-0.02	0.02	0.00	0.00	N/A	ppb
Zirconium	91-1	0.05	-0.01	-0.03	0.00	N/A	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:37:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19.92	20.30	20.03	20.09	0.98	ppb
Antimony	121-1	1.87	2.05	1.88	1.94	5.34	ppb
Arsenic	75-1	1.01	1.05	0.76	0.94	16.96	ppb
Barium	135-1	9.09	8.51	9.16	8.92	4.03	ppb
Barium	137-1	9.30	9.70	9.33	9.44	2.33	ppb
Beryllium	9-1	0.91	0.99	1.00	0.97	5.34	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	-1.86	0.53	-2.86	-1.40		ppb
Cadmium	108-1	1.06	1.33	1.06	1.15	13.87	ppb
Cadmium	111-1	0.81	0.87	0.58	0.75	20.37	ppb
Calcium	43-1	494.42	474.61	474.01	481.01	2.41	ppb
Calcium	44-1	482.05	486.06	430.86	466.32	6.60	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2.09	2.31	2.07	2.16	6.20	ppb
Cobalt	59-1	0.99	0.88	0.93	0.93	6.21	ppb
Copper	63-1	2.01	1.85	1.85	1.90	4.70	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				99		%
Indium	115-1				97		%
Iron	54-1						ppb
Iron	56-1	53.74	55.38	45.15	51.42	10.68	ppb
Iron	57-1	62.69	50.99	50.40	54.70	12.67	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.93	0.89	0.94	5.40	ppb
Lead	207-1	0.98	0.98	0.92	0.96	3.31	ppb
Lead	208-1	0.96	0.91	0.90	0.92	3.07	ppb
Lithium	6-1				100		%
Magnesium	24-1	479.88	492.03	471.28	481.07	2.17	ppb
Manganese	55-1	1.37	1.18	1.21	1.25	8.25	ppb
Molybdenum	94-1	5.99	5.78	5.65	5.81	2.96	ppb
Molybdenum	95-1	5.00	5.08	5.37	5.15	3.80	ppb
Molybdenum	96-1	4.85	5.28	4.50	4.88	7.97	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:37:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.45	5.84	5.02	5.10	13.70	ppb
Molybdenum	98-1	5.04	5.00	4.79	4.94	2.71	ppb
Neodymium	150-1						cps
Nickel	60-1	1.04	1.44	0.99	1.16	21.40	ppb
Phosphorus	31-1	24.95	6.97	2.22	11.38	105.37	ppb
Potassium	39-1	448.35	490.50	425.33	454.73	7.27	ppb
Rhodium	103-1				99		%
Scandium	45-1				99		%
Selenium	82-1	6.13	5.03	5.74	5.63	9.85	ppb
Selenium	77-1	5.34	5.41	4.24	5.00	13.12	ppb
Selenium	78-1	11.19	6.17	4.38	7.24	48.78	ppb
Silicon	28-1	1.15	1.72	-0.31	0.86	122.49	ppb
Silver	109-1	0.93	0.96	1.10	1.00	8.79	ppb
Silver	107-1	0.97	0.91	1.08	0.99	8.36	ppb
Sodium	23-1	495.97	499.22	466.97	487.39	3.64	ppb
Strontium	86-1	1.30	1.13	1.32	1.25	8.40	ppb
Strontium	88-1	0.94	1.07	0.89	0.97	10.08	ppb
Sulfur	34-1	-51.82	793.85	-828.70	-28.89		ppb
Terbium	159-1				99		%
Thallium	203-1	0.84	0.94	0.75	0.84	10.93	ppb
Thallium	205-1	0.92	0.90	0.97	0.93	3.91	ppb
Tin	118-1	4.69	4.87	4.73	4.76	2.00	ppb
Titanium	47-1	4.73	5.82	4.18	4.91	17.01	ppb
Uranium	238-1	0.92	0.92	0.87	0.90	3.26	ppb
Vanadium	51-1	4.96	4.88	4.74	4.86	2.26	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	2.52	2.14	1.93	2.20	13.70	ppb
Zirconium	90-1	1.03	1.10	0.92	1.02	9.01	ppb
Zirconium	91-1	0.99	0.91	1.00	0.97	4.93	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:44:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1134.37	1130.19	1096.65	1120.40	1.85	ppb
Antimony	121-1	49.76	47.33	47.51	48.20	2.80	ppb
Arsenic	75-1	53.08	52.62	53.10	52.93	0.51	ppb
Barium	135-1	247.96	238.14	242.27	242.79	2.03	ppb
Barium	137-1	250.06	237.37	245.16	244.20	2.62	ppb
Beryllium	9-1	52.20	50.66	50.27	51.04	2.00	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	54.59	48.81	49.80	51.07	6.06	ppb
Cadmium	108-1	55.11	47.11	54.42	52.21	8.49	ppb
Cadmium	111-1	51.45	47.38	47.61	48.81	4.68	ppb
Calcium	43-1	6028.61	5839.02	5611.69	5826.44	3.58	ppb
Calcium	44-1	5844.35	5631.16	5514.03	5663.18	2.96	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	51.67	51.15	49.09	50.63	2.70	ppb
Cobalt	59-1	51.91	50.66	49.13	50.57	2.75	ppb
Copper	63-1	514.77	497.11	500.65	504.18	1.85	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				94		%
Iron	54-1						ppb
Iron	56-1	2764.41	2685.73	2596.97	2682.37	3.12	ppb
Iron	57-1	2782.24	2727.45	2653.25	2720.98	2.38	ppb
Krypton	83-1						cps
Lead	206-1	244.85	234.50	235.68	238.34	2.38	ppb
Lead	207-1	245.44	235.41	233.79	238.21	2.65	ppb
Lead	208-1	245.51	236.24	235.17	238.98	2.38	ppb
Lithium	6-1				98		%
Magnesium	24-1	5427.75	5312.68	5094.10	5278.18	3.21	ppb
Manganese	55-1	540.42	527.09	515.00	527.50	2.41	ppb
Molybdenum	94-1	543.56	518.48	509.29	523.77	3.39	ppb
Molybdenum	95-1	539.50	526.07	508.49	524.69	2.96	ppb
Molybdenum	96-1	533.31	524.41	516.18	524.63	1.63	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:44:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	533.50	515.98	517.67	522.38	1.85	ppb
Molybdenum	98-1	539.94	515.84	516.48	524.09	2.62	ppb
Neodymium	150-1						cps
Nickel	60-1	54.09	53.61	53.21	53.64	0.81	ppb
Phosphorus	31-1	1082.14	1037.19	1030.46	1049.93	2.68	ppb
Potassium	39-1	2768.65	2606.91	2583.03	2652.86	3.81	ppb
Rhodium	103-1				93		%
Scandium	45-1				96		%
Selenium	82-1	54.32	53.86	53.74	53.98	0.57	ppb
Selenium	77-1	55.60	53.20	53.17	53.99	2.58	ppb
Selenium	78-1	67.87	70.70	54.64	64.40	13.31	ppb
Silicon	28-1	55.66	53.11	69.86	59.55	15.16	ppb
Silver	109-1	50.20	48.04	49.21	49.15	2.21	ppb
Silver	107-1	49.75	47.61	49.18	48.85	2.28	ppb
Sodium	23-1	5395.45	5299.61	5162.03	5285.70	2.22	ppb
Strontium	86-1	1336.75	1277.53	1266.14	1293.48	2.93	ppb
Strontium	88-1	1339.03	1296.00	1269.53	1301.52	2.69	ppb
Sulfur	34-1	3955.60	2780.24	2211.28	2982.37	29.83	ppb
Terbium	159-1				97		%
Thallium	203-1	51.61	50.28	49.19	50.36	2.41	ppb
Thallium	205-1	49.80	48.43	47.36	48.53	2.53	ppb
Tin	118-1	49.98	49.66	51.28	50.31	1.71	ppb
Titanium	47-1	534.70	525.84	505.80	522.11	2.84	ppb
Uranium	238-1	48.34	48.24	46.55	47.71	2.11	ppb
Vanadium	51-1	51.87	50.29	49.84	50.67	2.11	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				96		%
Zinc	66-1	573.26	554.83	542.60	556.90	2.77	ppb
Zirconium	90-1	52.94	50.52	49.88	51.11	3.16	ppb
Zirconium	91-1	54.52	52.36	49.97	52.28	4.35	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:47:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2523.28	2564.52	2574.19	2554.00	1.06	ppb
Antimony	121-1	123.59	121.37	120.48	121.82	1.31	ppb
Arsenic	75-1	126.31	126.31	131.88	128.17	2.51	ppb
Barium	135-1	611.64	621.30	611.92	614.95	0.89	ppb
Barium	137-1	624.47	619.72	611.32	618.50	1.08	ppb
Beryllium	9-1	124.73	125.30	127.45	125.82	1.14	ppb
Bismuth	209-1				100		%
Bromine	81-1						cps
Cadmium	106-1	131.41	118.24	125.42	125.02	5.27	ppb
Cadmium	108-1	137.71	126.40	128.19	130.77	4.65	ppb
Cadmium	111-1	125.24	126.26	127.32	126.27	0.82	ppb
Calcium	43-1	13664.78	13771.12	13871.92	13769.27	0.75	ppb
Calcium	44-1	13032.48	13018.33	13350.05	13133.62	1.43	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	123.35	123.08	122.21	122.88	0.49	ppb
Cobalt	59-1	122.21	123.51	124.38	123.37	0.88	ppb
Copper	63-1	1333.51	1326.68	1310.96	1323.72	0.87	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				98		%
Iron	54-1						ppb
Iron	56-1	6535.02	6456.07	6461.08	6484.05	0.68	ppb
Iron	57-1	6602.82	6619.71	6625.40	6615.98	0.18	ppb
Krypton	83-1						cps
Lead	206-1	583.07	588.86	591.67	587.87	0.75	ppb
Lead	207-1	590.74	583.09	589.46	587.76	0.70	ppb
Lead	208-1	594.07	587.25	595.54	592.29	0.75	ppb
Lithium	6-1				100		%
Magnesium	24-1	12723.31	12745.70	12980.91	12816.64	1.11	ppb
Manganese	55-1	1254.02	1258.62	1250.26	1254.30	0.33	ppb
Molybdenum	94-1	1232.02	1269.55	1284.25	1261.94	2.13	ppb
Molybdenum	95-1	1239.08	1272.17	1291.49	1267.58	2.09	ppb
Molybdenum	96-1	1239.70	1260.88	1270.23	1256.93	1.24	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:47:11	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1233.64	1265.35	1270.70	1256.56	1.59	ppb
Molybdenum	98-1	1257.66	1280.36	1283.42	1273.81	1.10	ppb
Neodymium	150-1						cps
Nickel	60-1	126.35	130.43	132.09	129.63	2.28	ppb
Phosphorus	31-1	2557.54	2531.52	2574.22	2554.42	0.84	ppb
Potassium	39-1	6244.24	6238.82	6421.37	6301.48	1.65	ppb
Rhodium	103-1				99		%
Scandium	45-1				99		%
Selenium	82-1	124.66	125.14	128.73	126.18	1.77	ppb
Selenium	77-1	124.00	126.35	130.36	126.90	2.53	ppb
Selenium	78-1	104.21	116.17	122.43	114.27	8.10	ppb
Silicon	28-1	130.14	129.86	133.35	131.12	1.48	ppb
Silver	109-1	122.05	122.48	122.02	122.18	0.21	ppb
Silver	107-1	124.73	123.05	122.74	123.51	0.86	ppb
Sodium	23-1	12564.68	12908.46	13101.07	12858.07	2.11	ppb
Strontium	86-1	3038.10	3129.42	3241.14	3136.22	3.24	ppb
Strontium	88-1	3079.06	3120.87	3200.85	3133.59	1.97	ppb
Sulfur	34-1	1885.52	2258.34	2716.37	2286.75	18.20	ppb
Terbium	159-1				102		%
Thallium	203-1	125.00	124.04	125.81	124.95	0.71	ppb
Thallium	205-1	121.86	119.34	123.83	121.67	1.85	ppb
Tin	118-1	122.95	126.03	124.84	124.61	1.24	ppb
Titanium	47-1	1269.79	1266.37	1280.00	1272.06	0.56	ppb
Uranium	238-1	118.70	117.31	119.84	118.62	1.07	ppb
Vanadium	51-1	123.95	125.12	126.88	125.31	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				100		%
Zinc	66-1	1212.24	1215.33	1232.79	1220.12	0.91	ppb
Zirconium	90-1	121.78	124.30	124.86	123.65	1.33	ppb
Zirconium	91-1	126.56	122.93	127.29	125.59	1.86	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:50:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	5067.23	5375.50	4840.99	5094.57	5.27	ppb
Antimony	121-1	244.98	247.12	246.14	246.08	0.43	ppb
Arsenic	75-1	251.51	259.16	243.54	251.40	3.11	ppb
Barium	135-1	1233.31	1230.56	1216.13	1226.67	0.75	ppb
Barium	137-1	1232.74	1249.83	1231.89	1238.16	0.82	ppb
Beryllium	9-1	250.78	262.02	241.40	251.40	4.11	ppb
Bismuth	209-1				102		%
Bromine	81-1						cps
Cadmium	106-1	245.37	256.95	244.37	248.89	2.81	ppb
Cadmium	108-1	253.99	255.23	248.19	252.47	1.49	ppb
Cadmium	111-1	250.41	253.43	254.30	252.71	0.81	ppb
Calcium	43-1	27627.75	28648.75	25834.52	27370.34	5.21	ppb
Calcium	44-1	27084.60	28438.55	25539.76	27020.97	5.37	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	247.31	257.88	233.06	246.08	5.06	ppb
Cobalt	59-1	246.33	256.86	230.76	244.65	5.37	ppb
Copper	63-1	2517.07	2586.47	2560.39	2554.64	1.37	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	12991.31	13610.42	12402.73	13001.48	4.64	ppb
Iron	57-1	13053.29	14047.60	12587.76	13229.55	5.64	ppb
Krypton	83-1						cps
Lead	206-1	1161.94	1211.73	1107.96	1160.54	4.47	ppb
Lead	207-1	1170.60	1215.59	1105.15	1163.78	4.77	ppb
Lead	208-1	1217.87	1265.78	1144.68	1209.44	5.04	ppb
Lithium	6-1				100		%
Magnesium	24-1	25678.54	26523.77	24410.45	25537.59	4.17	ppb
Manganese	55-1	2505.75	2614.87	2342.51	2487.71	5.51	ppb
Molybdenum	94-1	2517.91	2598.35	2395.68	2503.98	4.08	ppb
Molybdenum	95-1	2501.02	2599.88	2438.42	2513.11	3.24	ppb
Molybdenum	96-1	2458.61	2667.09	2413.75	2513.15	5.38	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:50:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2457.64	2634.04	2396.30	2495.99	4.94	ppb
Molybdenum	98-1	2507.23	2666.33	2412.17	2528.58	5.08	ppb
Neodymium	150-1						cps
Nickel	60-1	251.94	263.76	237.65	251.12	5.21	ppb
Phosphorus	31-1	5050.11	5305.88	4811.87	5055.96	4.89	ppb
Potassium	39-1	12715.50	13133.49	11749.03	12532.67	5.67	ppb
Rhodium	103-1				99		%
Scandium	45-1				99		%
Selenium	82-1	256.44	264.29	246.48	255.74	3.49	ppb
Selenium	77-1	247.92	257.13	238.80	247.95	3.69	ppb
Selenium	78-1	238.19	261.05	220.96	240.07	8.38	ppb
Silicon	28-1	233.84	251.30	221.32	235.49	6.39	ppb
Silver	109-1	247.22	249.00	245.81	247.34	0.65	ppb
Silver	107-1	245.46	247.97	245.49	246.31	0.58	ppb
Sodium	23-1	25915.47	26572.61	24303.39	25597.16	4.56	ppb
Strontium	86-1	6337.58	6473.33	6056.53	6289.15	3.38	ppb
Strontium	88-1	6296.54	6468.07	5967.22	6243.94	4.08	ppb
Sulfur	34-1	4684.87	6531.01	1325.61	4180.50	63.13	ppb
Terbium	159-1				101		%
Thallium	203-1	246.81	258.61	235.27	246.90	4.73	ppb
Thallium	205-1	235.63	250.33	229.31	238.42	4.52	ppb
Tin	118-1	250.00	251.27	249.99	250.42	0.29	ppb
Titanium	47-1	2565.20	2644.61	2414.86	2541.56	4.59	ppb
Uranium	238-1	238.26	250.34	224.65	237.75	5.41	ppb
Vanadium	51-1	245.93	260.42	234.45	246.93	5.27	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				101		%
Zinc	66-1	2437.96	2529.07	2291.97	2419.67	4.94	ppb
Zirconium	90-1	245.34	254.33	236.79	245.49	3.57	ppb
Zirconium	91-1	252.21	256.04	239.09	249.12	3.57	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:53:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	10354.17	9926.50	8929.01	9736.56	7.51	ppb
Antimony	121-1	494.43	487.27	468.91	483.54	2.72	ppb
Arsenic	75-1	508.06	493.18	436.61	479.28	7.87	ppb
Barium	135-1	2478.45	2446.56	2327.88	2417.63	3.28	ppb
Barium	137-1	2510.63	2427.76	2358.47	2432.29	3.13	ppb
Beryllium	9-1	496.93	495.31	455.32	482.52	4.89	ppb
Bismuth	209-1				104		%
Bromine	81-1						cps
Cadmium	106-1	490.58	506.57	481.20	492.78	2.60	ppb
Cadmium	108-1	515.34	507.61	490.91	504.62	2.47	ppb
Cadmium	111-1	505.83	498.69	480.99	495.17	2.58	ppb
Calcium	43-1	55147.62	53652.35	48103.58	52301.18	7.10	ppb
Calcium	44-1	52836.08	53055.27	46201.06	50697.47	7.68	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	493.21	487.33	428.49	469.68	7.62	ppb
Cobalt	59-1	514.74	498.40	437.69	483.61	8.39	ppb
Copper	63-1	5157.90	4999.68	4834.72	4997.43	3.23	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	25920.39	25551.30	22780.97	24750.89	6.93	ppb
Iron	57-1	27011.76	26285.93	23437.99	25578.56	7.38	ppb
Krypton	83-1						cps
Lead	206-1	2471.98	2486.27	2221.49	2393.25	6.22	ppb
Lead	207-1	2509.43	2464.59	2205.04	2393.02	6.87	ppb
Lead	208-1	2482.23	2467.81	2227.56	2392.54	5.98	ppb
Lithium	6-1				101		%
Magnesium	24-1	51815.20	49633.34	44777.00	48741.85	7.39	ppb
Manganese	55-1	4893.54	4894.16	4339.56	4709.09	6.80	ppb
Molybdenum	94-1	5049.19	4978.67	4431.15	4819.67	7.02	ppb
Molybdenum	95-1	5005.30	5013.05	4431.47	4816.61	6.93	ppb
Molybdenum	96-1	5061.44	4943.48	4403.56	4802.82	7.30	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:53:20	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4949.88	4916.21	4480.29	4782.13	5.48	ppb
Molybdenum	98-1	4987.22	5042.20	4513.99	4847.80	5.99	ppb
Neodymium	150-1						cps
Nickel	60-1	514.69	493.01	440.80	482.83	7.87	ppb
Phosphorus	31-1	10046.36	9811.32	8737.71	9531.80	7.32	ppb
Potassium	39-1	25223.89	24840.88	22142.36	24069.04	6.98	ppb
Rhodium	103-1				99		%
Scandium	45-1				102		%
Selenium	82-1	495.51	493.60	451.71	480.27	5.15	ppb
Selenium	77-1	493.64	503.57	444.85	480.68	6.54	ppb
Selenium	78-1	501.21	496.11	407.18	468.17	11.29	ppb
Silicon	28-1	472.33	451.97	411.83	445.38	6.91	ppb
Silver	109-1	494.05	485.56	469.22	482.95	2.61	ppb
Silver	107-1	491.36	485.90	470.92	482.73	2.19	ppb
Sodium	23-1	52028.87	50535.06	44842.64	49135.52	7.72	ppb
Strontium	86-1	12416.74	12506.69	10926.90	11950.11	7.42	ppb
Strontium	88-1	12267.94	12324.61	11114.99	11902.51	5.73	ppb
Sulfur	34-1	9547.87	8696.26	2993.90	7079.34	50.34	ppb
Terbium	159-1				104		%
Thallium	203-1	502.10	489.62	437.24	476.32	7.23	ppb
Thallium	205-1	500.89	495.96	426.22	474.36	8.80	ppb
Tin	118-1	497.68	501.15	487.99	495.61	1.38	ppb
Titanium	47-1	5044.75	5005.52	4484.31	4844.86	6.46	ppb
Uranium	238-1	490.42	490.31	435.84	472.19	6.67	ppb
Vanadium	51-1	501.17	488.24	441.45	476.95	6.59	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				103		%
Zinc	66-1	5077.77	4965.88	4378.48	4807.38	7.81	ppb
Zirconium	90-1	489.75	483.12	438.17	470.35	5.97	ppb
Zirconium	91-1	502.96	498.35	448.34	483.22	6.27	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:56:23	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	21666.34	19910.26	21186.76	20921.12	4.34	ppb
Antimony	121-1	1011.37	1010.82	1006.91	1009.70	0.24	ppb
Arsenic	75-1	1044.08	967.05	1017.27	1009.47	3.87	ppb
Barium	135-1	5070.27	5030.19	5045.46	5048.64	0.40	ppb
Barium	137-1	5042.42	4994.91	5076.44	5037.92	0.81	ppb
Beryllium	9-1	1044.15	969.33	1011.22	1008.24	3.72	ppb
Bismuth	209-1				99		%
Bromine	81-1						cps
Cadmium	106-1	992.96	1006.16	1012.36	1003.83	0.99	ppb
Cadmium	108-1	1007.80	988.18	992.74	996.24	1.03	ppb
Cadmium	111-1	1003.08	999.76	1002.08	1001.64	0.17	ppb
Calcium	43-1	115479.61	105370.78	112562.78	111137.72	4.68	ppb
Calcium	44-1	110585.55	99535.51	108560.94	106227.33	5.54	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1053.58	956.24	1039.30	1016.37	5.17	ppb
Cobalt	59-1	1042.74	960.24	1026.14	1009.71	4.32	ppb
Copper	63-1	10033.58	10076.99	9824.02	9978.20	1.36	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				95		%
Iron	54-1						ppb
Iron	56-1	54498.07	49577.58	54064.85	52713.50	5.17	ppb
Iron	57-1	54251.94	50458.78	53405.62	52705.45	3.78	ppb
Krypton	83-1						cps
Lead	206-1	5262.34	4818.18	5162.38	5080.97	4.59	ppb
Lead	207-1	5244.82	4844.05	5152.00	5080.29	4.13	ppb
Lead	208-1	5238.94	4840.05	5126.55	5068.51	4.06	ppb
Lithium	6-1				97		%
Magnesium	24-1	107629.96	99155.23	105870.24	104218.48	4.29	ppb
Manganese	55-1	10568.69	9451.60	10419.56	10146.62	5.98	ppb
Molybdenum	94-1	10487.38	9707.71	10064.37	10086.49	3.87	ppb
Molybdenum	95-1	10520.71	9607.62	10126.63	10084.99	4.54	ppb
Molybdenum	96-1	10596.08	9665.42	10018.11	10093.20	4.66	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:56:23	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	10563.05	9644.55	10116.39	10108.00	4.54	ppb
Molybdenum	98-1	10513.80	9588.59	10091.92	10064.77	4.60	ppb
Neodymium	150-1						cps
Nickel	60-1	1047.19	953.74	1021.70	1007.54	4.79	ppb
Phosphorus	31-1	20935.60	19216.37	20480.47	20210.81	4.41	ppb
Potassium	39-1	53369.90	48695.87	52367.87	51477.88	4.78	ppb
Rhodium	103-1				93		%
Scandium	45-1				96		%
Selenium	82-1	1052.77	956.81	1014.66	1008.08	4.79	ppb
Selenium	77-1	1047.26	965.25	1016.69	1009.73	4.10	ppb
Selenium	78-1	1078.66	950.46	1027.91	1019.01	6.34	ppb
Silicon	28-1	1079.63	977.67	1032.07	1029.79	4.95	ppb
Silver	109-1	1016.56	1001.26	1010.93	1009.59	0.77	ppb
Silver	107-1	1010.62	1002.31	1016.48	1009.80	0.70	ppb
Sodium	23-1	108076.28	98131.87	104564.38	103590.85	4.87	ppb
Strontium	86-1	26346.32	23716.18	25722.24	25261.58	5.44	ppb
Strontium	88-1	26450.75	23937.90	25501.17	25296.61	5.02	ppb
Sulfur	34-1	24990.68	17726.52	22061.03	21592.74	16.93	ppb
Terbium	159-1				101		%
Thallium	203-1	1052.37	967.58	1017.86	1012.60	4.21	ppb
Thallium	205-1	1058.19	968.17	1022.24	1016.20	4.46	ppb
Tin	118-1	1006.28	1004.07	996.02	1002.13	0.54	ppb
Titanium	47-1	10363.18	9561.83	10264.95	10063.32	4.34	ppb
Uranium	238-1	1058.40	961.35	1033.89	1017.88	4.96	ppb
Vanadium	51-1	1046.35	954.57	1035.73	1012.22	4.96	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	10448.69	9701.95	10201.22	10117.28	3.76	ppb
Zirconium	90-1	1061.48	958.69	1028.03	1016.07	5.16	ppb
Zirconium	91-1	1051.14	953.02	1021.12	1008.43	4.99	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:59:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	102457.95	95073.68	101972.88	99834.84	4.14	ppb
Antimony	121-1	0.39	0.57	0.63	0.53	24.22	ppb
Arsenic	75-1	0.43	0.27	0.26	0.32	29.62	ppb
Barium	135-1	3.44	3.41	2.85	3.23	10.18	ppb
Barium	137-1	3.61	3.21	3.16	3.33	7.48	ppb
Beryllium	9-1	0.15	0.23	0.16	0.18	21.53	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	-2.06	-2.86	-1.86	-2.26		ppb
Cadmium	108-1	0.78	2.30	1.47	1.52	50.07	ppb
Cadmium	111-1	0.31	0.32	0.35	0.33	6.41	ppb
Calcium	43-1	520921.18	467121.59	504108.76	497383.84	5.53	ppb
Calcium	44-1	514295.45	476259.28	505129.17	498561.30	3.98	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	5.51	5.27	5.70	5.49	3.89	ppb
Cobalt	59-1	2.50	2.54	2.40	2.48	2.78	ppb
Copper	63-1	6.42	7.20	6.42	6.68	6.70	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				94		%
Iron	54-1						ppb
Iron	56-1	254396.28	241370.55	252581.55	249449.46	2.83	ppb
Iron	57-1	256706.54	240038.69	251314.42	249353.22	3.41	ppb
Krypton	83-1						cps
Lead	206-1	2.15	2.29	2.33	2.26	4.12	ppb
Lead	207-1	2.32	1.98	2.41	2.24	10.08	ppb
Lead	208-1	2.33	2.22	2.28	2.28	2.37	ppb
Lithium	6-1				97		%
Magnesium	24-1	510238.28	478405.43	509089.98	499244.56	3.62	ppb
Manganese	55-1	7.59	8.05	7.28	7.64	5.11	ppb
Molybdenum	94-1	2.56	2.56	2.72	2.62	3.55	ppb
Molybdenum	95-1	2.10	2.18	1.93	2.07	6.07	ppb
Molybdenum	96-1	2.41	2.47	2.53	2.47	2.24	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:59:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1.89	1.88	2.42	2.06	14.83	ppb
Molybdenum	98-1	2.23	2.30	2.20	2.24	2.15	ppb
Neodymium	150-1						cps
Nickel	60-1	6.64	5.08	5.95	5.89	13.24	ppb
Phosphorus	31-1	-15.84	-28.75	-23.45	-22.68		ppb
Potassium	39-1	256606.90	240182.27	252590.32	249793.16	3.43	ppb
Rhodium	103-1				91		%
Scandium	45-1				97		%
Selenium	82-1	6.92	6.56	6.81	6.76	2.71	ppb
Selenium	77-1	5.67	5.26	6.75	5.89	13.08	ppb
Selenium	78-1	-9.79	-35.38	-8.57	-17.91		ppb
Silicon	28-1	71.73	76.82	85.79	78.11	9.11	ppb
Silver	109-1	0.20	0.19	0.14	0.18	17.98	ppb
Silver	107-1	0.15	0.16	0.24	0.19	27.24	ppb
Sodium	23-1	517004.61	479612.93	501362.33	499326.62	3.76	ppb
Strontium	86-1	2.44	3.20	2.23	2.62	19.46	ppb
Strontium	88-1	2.24	2.84	2.27	2.45	13.86	ppb
Sulfur	34-1	1327.27	-2083.09	26.41	-243.14		ppb
Terbium	159-1				102		%
Thallium	203-1	0.29	0.34	0.28	0.31	10.85	ppb
Thallium	205-1	0.34	0.26	0.34	0.31	13.78	ppb
Tin	118-1	0.43	0.57	0.48	0.49	13.66	ppb
Titanium	47-1	-1.17	-0.47	-1.77	-1.13		ppb
Uranium	238-1	0.10	0.11	0.13	0.11	12.04	ppb
Vanadium	51-1	0.28	0.32	0.21	0.27	21.08	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	22.91	22.72	22.91	22.84	0.47	ppb
Zirconium	90-1	0.38	0.47	0.39	0.41	11.42	ppb
Zirconium	91-1	0.44	0.48	0.37	0.43	12.59	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	555.04	519.71	517.62	530.79	3.96	ppb
Antimony	121-1	192.81	189.56	190.30	190.89	0.89	ppb
Arsenic	75-1	216.91	202.80	200.13	206.61	4.36	ppb
Barium	135-1	100.07	97.18	98.25	98.50	1.49	ppb
Barium	137-1	97.86	97.21	96.63	97.23	0.63	ppb
Beryllium	9-1	104.78	98.39	98.06	100.41	3.77	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	147.97	151.96	160.14	153.36	4.05	ppb
Cadmium	108-1	156.47	149.29	150.54	152.10	2.52	ppb
Cadmium	111-1	102.41	103.18	103.33	102.97	0.48	ppb
Calcium	43-1	2356.78	2162.27	2154.13	2224.39	5.16	ppb
Calcium	44-1	2363.09	2108.49	2117.44	2196.34	6.58	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	107.70	98.18	98.02	101.30	5.47	ppb
Cobalt	59-1	108.54	98.73	99.43	102.23	5.35	ppb
Copper	63-1	97.23	97.55	95.95	96.91	0.87	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				96		%
Indium	115-1				92		%
Iron	54-1						ppb
Iron	56-1	2274.98	2053.84	2105.54	2144.78	5.39	ppb
Iron	57-1	2290.68	2074.12	2071.39	2145.40	5.87	ppb
Krypton	83-1						cps
Lead	206-1	213.85	208.07	204.62	208.85	2.23	ppb
Lead	207-1	210.59	202.24	200.15	204.33	2.70	ppb
Lead	208-1	213.57	205.50	202.11	207.06	2.84	ppb
Lithium	6-1				99		%
Magnesium	24-1	1273.87	1153.10	1157.69	1194.89	5.73	ppb
Manganese	55-1	106.96	98.27	99.71	101.64	4.58	ppb
Molybdenum	94-1	5706.82	5389.30	5512.71	5536.28	2.89	ppb
Molybdenum	95-1	5572.20	5249.24	5291.78	5371.07	3.27	ppb
Molybdenum	96-1	5562.94	5276.52	5334.79	5391.42	2.81	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5665.72	5231.99	5368.17	5421.96	4.09	ppb
Molybdenum	98-1	5565.13	5212.80	5241.10	5339.68	3.67	ppb
Neodymium	150-1						cps
Nickel	60-1	122.07	109.47	111.10	114.21	6.00	ppb
Phosphorus	31-1	-5.17	-21.03	-26.62	-17.61		ppb
Potassium	39-1	2248.65	2034.00	2012.19	2098.28	6.23	ppb
Rhodium	103-1				95		%
Scandium	45-1				94		%
Selenium	82-1	213.59	201.89	201.80	205.76	3.30	ppb
Selenium	77-1	213.28	205.50	206.09	208.29	2.08	ppb
Selenium	78-1	230.76	192.60	189.10	204.16	11.32	ppb
Silicon	28-1	62.97	57.86	60.30	60.38	4.23	ppb
Silver	109-1	48.30	48.20	46.42	47.64	2.23	ppb
Silver	107-1	48.59	47.64	47.70	47.98	1.11	ppb
Sodium	23-1	2321.97	2113.31	2137.33	2190.87	5.21	ppb
Strontium	86-1	629.11	596.02	597.03	607.39	3.10	ppb
Strontium	88-1	659.49	601.95	608.36	623.27	5.06	ppb
Sulfur	34-1	6072.53	1197.90	770.69	2680.37	109.89	ppb
Terbium	159-1				98		%
Thallium	203-1	227.52	217.24	215.80	220.19	2.90	ppb
Thallium	205-1	217.91	205.73	205.77	209.80	3.35	ppb
Tin	118-1	589.04	584.12	581.88	585.02	0.63	ppb
Titanium	47-1	5444.53	4971.68	4943.06	5119.76	5.50	ppb
Uranium	238-1	671.14	627.09	635.80	644.68	3.62	ppb
Vanadium	51-1	105.77	97.98	97.44	100.40	4.65	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	204.26	194.36	191.44	196.69	3.41	ppb
Zirconium	90-1	636.16	598.75	595.14	610.02	3.72	ppb
Zirconium	91-1	624.47	588.31	591.21	601.33	3.34	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:09:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.30	0.29	0.08	0.23	54.18	ppb
Antimony	121-1	0.04	0.14	0.21	0.13	64.73	ppb
Arsenic	75-1	-0.06	0.02	0.01	-0.01		ppb
Barium	135-1	-0.03	0.04	-0.06	-0.02		ppb
Barium	137-1	-0.03	-0.02	-0.05	-0.03		ppb
Beryllium	9-1	0.06	0.04	0.03	0.04	43.84	ppb
Bismuth	209-1				96		%
Bromine	81-1						cps
Cadmium	106-1	-5.05	-3.86	-3.46	-4.12		ppb
Cadmium	108-1	0.37	0.37	0.64	0.46	34.63	ppb
Cadmium	111-1	-0.35	-0.17	-0.16	-0.23		ppb
Calcium	43-1	6.27	6.51	-0.53	4.08	97.91	ppb
Calcium	44-1	103.11	149.42	95.24	115.93	25.25	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.16	-0.19	-0.20	-0.18		ppb
Cobalt	59-1	0.02	0.03	0.04	0.03	23.89	ppb
Copper	63-1	0.08	0.23	0.23	0.18	47.68	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				97		%
Indium	115-1				94		%
Iron	54-1						ppb
Iron	56-1	-10.63	-5.44	-25.95	-14.01		ppb
Iron	57-1	2.00	8.36	-32.04	-7.23		ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.19	0.13	0.17	20.87	ppb
Lead	207-1	0.17	0.21	0.15	0.17	18.59	ppb
Lead	208-1	0.20	0.21	0.13	0.18	24.74	ppb
Lithium	6-1				97		%
Magnesium	24-1	0.93	3.00	-0.47	1.15	151.12	ppb
Manganese	55-1	0.27	0.29	-0.04	0.17	105.55	ppb
Molybdenum	94-1	0.40	0.38	0.34	0.37	8.15	ppb
Molybdenum	95-1	0.65	0.45	0.31	0.47	36.55	ppb
Molybdenum	96-1	0.54	0.38	0.44	0.45	16.97	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:09:25	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.60	0.50	0.38	0.49	21.49	ppb
Molybdenum	98-1	0.49	0.46	0.28	0.41	27.92	ppb
Neodymium	150-1						cps
Nickel	60-1	0.51	0.37	-0.01	0.29	92.79	ppb
Phosphorus	31-1	-15.83	-10.23	-29.62	-18.56		ppb
Potassium	39-1	94.34	126.64	-1.98	73.00	91.67	ppb
Rhodium	103-1				94		%
Scandium	45-1				94		%
Selenium	82-1	0.22	1.21	0.43	0.62	84.21	ppb
Selenium	77-1	0.26	0.01	0.02	0.09	149.25	ppb
Selenium	78-1	-3.43	9.16	-25.41	-6.56		ppb
Silicon	28-1	2.94	3.74	-1.15	1.84	142.38	ppb
Silver	109-1	0.00	-0.01	0.01	0.00	299.91	ppb
Silver	107-1	0.01	0.03	0.00	0.01	138.76	ppb
Sodium	23-1	124.58	142.26	112.52	126.45	11.83	ppb
Strontium	86-1	-0.05	-0.16	-0.33	-0.18		ppb
Strontium	88-1	-0.07	-0.01	-0.07	-0.05		ppb
Sulfur	34-1	3983.31	4934.68	-628.15	2763.28	107.67	ppb
Terbium	159-1				96		%
Thallium	203-1	0.22	0.17	0.16	0.18	17.70	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	3.10	ppb
Tin	118-1	0.03	0.04	0.00	0.02	101.79	ppb
Titanium	47-1	-3.14	-2.77	-3.04	-2.98		ppb
Uranium	238-1	0.00	0.04	0.00	0.01	150.66	ppb
Vanadium	51-1	0.03	0.01	-0.01	0.01	180.36	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				95		%
Zinc	66-1	-0.04	-0.03	-0.07	-0.05		ppb
Zirconium	90-1	0.01	0.05	0.04	0.03	63.66	ppb
Zirconium	91-1	-0.01	0.08	0.00	0.02	230.89	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:13:09	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	96631.87	95827.80	95784.82	96081.50	0.50	ppb
Antimony	121-1	0.98	1.10	1.41	1.16	19.28	ppb
Arsenic	75-1	1.06	1.38	1.84	1.43	27.23	ppb
Barium	135-1	1.64	1.13	2.22	1.67	32.79	ppb
Barium	137-1	1.67	1.29	2.16	1.71	25.63	ppb
Beryllium	9-1	0.31	0.31	0.41	0.34	16.67	ppb
Bismuth	209-1				98		%
Bromine	81-1						cps
Cadmium	106-1	-3.46	-3.66	-5.25	-4.12		ppb
Cadmium	108-1	10.02	8.23	11.95	10.06	18.50	ppb
Cadmium	111-1	0.13	0.38	0.24	0.25	49.63	ppb
Calcium	43-1	93845.23	93547.13	92938.60	93443.65	0.49	ppb
Calcium	44-1	94151.43	96060.00	97078.96	95763.46	1.55	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	19.76	19.12	19.31	19.39	1.70	ppb
Cobalt	59-1	1.14	1.07	1.19	1.13	5.30	ppb
Copper	63-1	7.33	7.54	7.75	7.54	2.83	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				94		%
Iron	54-1						ppb
Iron	56-1	99896.59	99653.28	99495.60	99681.82	0.20	ppb
Iron	57-1	101355.34	100592.63	99453.41	100467.13	0.95	ppb
Krypton	83-1						cps
Lead	206-1	4.49	4.58	4.90	4.66	4.57	ppb
Lead	207-1	4.08	4.39	4.75	4.41	7.53	ppb
Lead	208-1	4.28	4.38	4.80	4.49	6.14	ppb
Lithium	6-1				99		%
Magnesium	24-1	93688.18	92522.03	92976.37	93062.19	0.63	ppb
Manganese	55-1	7.37	6.89	7.20	7.15	3.35	ppb
Molybdenum	94-1	1549.74	1499.75	1564.92	1538.14	2.22	ppb
Molybdenum	95-1	1916.85	1870.16	1940.58	1909.20	1.88	ppb
Molybdenum	96-1	1881.80	1853.97	1926.27	1887.35	1.93	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:13:09	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1888.53	1808.01	1901.51	1866.02	2.71	ppb
Molybdenum	98-1	1933.26	1882.75	1952.89	1922.97	1.88	ppb
Neodymium	150-1						cps
Nickel	60-1	5.32	5.46	6.29	5.69	9.23	ppb
Phosphorus	31-1	94489.01	93369.82	93559.76	93806.20	0.64	ppb
Potassium	39-1	94569.61	95374.55	94706.51	94883.56	0.45	ppb
Rhodium	103-1				92		%
Scandium	45-1				94		%
Selenium	82-1	1.72	0.91	1.08	1.24	34.80	ppb
Selenium	77-1	6.26	7.89	10.31	8.15	25.06	ppb
Selenium	78-1	-9.74	-20.03	-5.44	-11.73		ppb
Silicon	28-1	9.04	10.12	10.26	9.81	6.81	ppb
Silver	109-1	0.03	0.03	0.37	0.14	138.58	ppb
Silver	107-1	0.01	0.00	0.30	0.10	168.57	ppb
Sodium	23-1	99903.79	97885.16	97517.67	98435.54	1.31	ppb
Strontium	86-1	34.90	31.57	33.15	33.21	5.03	ppb
Strontium	88-1	32.28	32.37	32.83	32.49	0.90	ppb
Sulfur	34-1	103201.04	100234.51	98000.61	100478.72	2.60	ppb
Terbium	159-1				101		%
Thallium	203-1	0.21	0.34	0.46	0.33	36.81	ppb
Thallium	205-1	0.24	0.24	0.35	0.28	22.82	ppb
Tin	118-1	0.15	0.29	0.56	0.33	62.48	ppb
Titanium	47-1	2030.61	2037.24	1991.39	2019.75	1.23	ppb
Uranium	238-1	0.01	0.01	0.08	0.03	131.15	ppb
Vanadium	51-1	0.18	0.14	0.24	0.19	26.30	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	10.84	11.21	11.20	11.08	1.88	ppb
Zirconium	90-1	0.02	0.05	0.08	0.05	54.66	ppb
Zirconium	91-1	0.06	0.04	0.08	0.06	27.46	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:30:06	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	94798.61	99302.98	96948.68	97016.76	2.32	ppb
Antimony	121-1	20.00	19.99	18.69	19.56	3.84	ppb
Arsenic	75-1	20.65	22.20	20.97	21.27	3.84	ppb
Barium	135-1	22.12	21.01	20.67	21.27	3.58	ppb
Barium	137-1	20.98	20.59	20.09	20.55	2.16	ppb
Beryllium	9-1	19.08	19.67	19.23	19.32	1.58	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	14.49	15.69	22.07	17.42	23.39	ppb
Cadmium	108-1	37.04	34.84	29.87	33.92	10.83	ppb
Cadmium	111-1	18.45	19.04	19.36	18.95	2.43	ppb
Calcium	43-1	92401.00	94932.81	94685.64	94006.49	1.48	ppb
Calcium	44-1	95136.56	99187.01	97382.24	97235.27	2.09	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	36.21	37.37	37.36	36.98	1.81	ppb
Cobalt	59-1	19.67	20.44	20.38	20.17	2.12	ppb
Copper	63-1	25.75	26.14	25.52	25.80	1.22	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				94		%
Iron	54-1						ppb
Iron	56-1	99704.07	102554.62	100009.46	100756.05	1.55	ppb
Iron	57-1	98528.07	101243.15	99208.51	99659.91	1.42	ppb
Krypton	83-1						cps
Lead	206-1	26.64	28.41	27.15	27.40	3.32	ppb
Lead	207-1	26.33	26.90	27.27	26.83	1.77	ppb
Lead	208-1	26.29	27.54	27.03	26.95	2.33	ppb
Lithium	6-1				101		%
Magnesium	24-1	91928.46	95328.06	93761.32	93672.61	1.82	ppb
Manganese	55-1	25.68	26.93	25.81	26.14	2.63	ppb
Molybdenum	94-1	1690.13	1702.04	1675.15	1689.11	0.80	ppb
Molybdenum	95-1	1990.35	2015.35	1960.06	1988.59	1.39	ppb
Molybdenum	96-1	1955.61	1949.01	1961.94	1955.52	0.33	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:30:06	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1921.87	1934.10	1914.83	1923.60	0.51	ppb
Molybdenum	98-1	2004.69	1990.47	1990.03	1995.06	0.42	ppb
Neodymium	150-1						cps
Nickel	60-1	24.81	26.80	26.38	26.00	4.02	ppb
Phosphorus	31-1	93317.14	96139.50	95913.18	95123.28	1.65	ppb
Potassium	39-1	93898.14	98463.94	98102.82	96821.63	2.62	ppb
Rhodium	103-1				92		%
Scandium	45-1				96		%
Selenium	82-1	20.11	19.49	20.76	20.12	3.17	ppb
Selenium	77-1	27.00	34.61	33.81	31.80	13.15	ppb
Selenium	78-1	11.43	19.81	19.88	17.04	28.52	ppb
Silicon	28-1	12.19	15.19	16.46	14.61	14.99	ppb
Silver	109-1	17.78	17.84	17.69	17.77	0.40	ppb
Silver	107-1	18.40	18.17	17.22	17.93	3.47	ppb
Sodium	23-1	96400.54	100975.20	99595.04	98990.26	2.37	ppb
Strontium	86-1	89.45	88.58	88.07	88.70	0.79	ppb
Strontium	88-1	88.26	89.93	87.78	88.66	1.28	ppb
Sulfur	34-1	97877.88	100249.67	99169.62	99099.06	1.20	ppb
Terbium	159-1				100		%
Thallium	203-1	21.93	22.07	22.76	22.25	2.00	ppb
Thallium	205-1	21.08	21.36	21.12	21.19	0.72	ppb
Tin	118-1	55.39	55.74	52.82	54.65	2.92	ppb
Titanium	47-1	2036.41	2148.85	2066.17	2083.81	2.80	ppb
Uranium	238-1	51.78	53.25	53.04	52.69	1.51	ppb
Vanadium	51-1	18.49	19.43	18.81	18.91	2.54	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				98		%
Zinc	66-1	29.62	30.79	28.64	29.69	3.63	ppb
Zirconium	90-1	54.99	55.11	53.51	54.53	1.63	ppb
Zirconium	91-1	56.77	55.27	54.74	55.59	1.90	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:33:25	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	50012.89	51209.79	50867.38	50696.69	1.22	ppb
Antimony	121-1	482.99	485.81	486.78	485.19	0.41	ppb
Arsenic	75-1	487.45	484.08	472.91	481.48	1.58	ppb
Barium	135-1	2407.09	2419.53	2461.40	2429.34	1.17	ppb
Barium	137-1	2558.53	2518.29	2527.65	2534.83	0.83	ppb
Beryllium	9-1	489.50	492.77	482.80	488.35	1.04	ppb
Bismuth	209-1				102		%
Bromine	81-1						cps
Cadmium	106-1	479.40	507.16	490.58	492.38	2.84	ppb
Cadmium	108-1	489.67	501.95	489.53	493.71	1.44	ppb
Cadmium	111-1	487.65	489.56	494.63	490.62	0.74	ppb
Calcium	43-1	245491.62	254176.44	246010.23	248559.43	1.96	ppb
Calcium	44-1	248351.06	258555.59	247020.29	251308.98	2.51	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	495.86	505.56	494.29	498.57	1.22	ppb
Cobalt	59-1	499.94	501.53	499.36	500.28	0.22	ppb
Copper	63-1	5087.21	5148.60	5178.59	5138.13	0.91	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	124583.63	128718.33	125541.54	126281.17	1.71	ppb
Iron	57-1	124291.20	127880.47	126655.38	126275.69	1.44	ppb
Krypton	83-1						cps
Lead	206-1	2505.68	2583.75	2482.48	2523.97	2.10	ppb
Lead	207-1	2503.17	2535.05	2446.39	2494.87	1.80	ppb
Lead	208-1	2505.11	2535.29	2469.18	2503.19	1.32	ppb
Lithium	6-1				102		%
Magnesium	24-1	251318.74	258592.70	245357.91	251756.45	2.63	ppb
Manganese	55-1	4942.92	4992.14	4916.08	4950.38	0.78	ppb
Molybdenum	94-1	5025.23	5051.77	4926.69	5001.23	1.32	ppb
Molybdenum	95-1	5038.09	5002.55	4884.78	4975.14	1.61	ppb
Molybdenum	96-1	5079.50	5049.95	4896.72	5008.72	1.96	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:33:25	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4998.38	5041.93	4929.89	4990.06	1.13	ppb
Molybdenum	98-1	5033.94	5029.92	4885.12	4982.99	1.70	ppb
Neodymium	150-1						cps
Nickel	60-1	477.77	489.69	481.13	482.86	1.27	ppb
Phosphorus	31-1	10011.99	10134.93	9994.42	10047.11	0.76	ppb
Potassium	39-1	124383.27	126596.14	122813.13	124597.51	1.53	ppb
Rhodium	103-1				97		%
Scandium	45-1				99		%
Selenium	82-1	486.08	482.34	470.89	479.77	1.65	ppb
Selenium	77-1	488.69	492.72	481.65	487.69	1.15	ppb
Selenium	78-1	479.58	467.00	454.19	466.93	2.72	ppb
Silicon	28-1	537.77	554.35	542.49	544.87	1.57	ppb
Silver	109-1	478.02	474.36	480.99	477.79	0.69	ppb
Silver	107-1	475.98	475.21	476.57	475.92	0.14	ppb
Sodium	23-1	243129.87	253446.59	247498.39	248024.95	2.09	ppb
Strontium	86-1	12375.49	12221.52	12401.94	12332.98	0.79	ppb
Strontium	88-1	12261.09	12303.68	12185.51	12250.10	0.49	ppb
Sulfur	34-1	5692.70	9046.58	7797.51	7512.26	22.56	ppb
Terbium	159-1				106		%
Thallium	203-1	493.84	491.92	487.39	491.05	0.68	ppb
Thallium	205-1	498.38	515.60	494.96	502.98	2.20	ppb
Tin	118-1	496.81	497.10	493.56	495.82	0.40	ppb
Titanium	47-1	4971.91	5053.79	4989.51	5005.07	0.86	ppb
Uranium	238-1	510.71	520.18	505.36	512.08	1.47	ppb
Vanadium	51-1	501.90	530.94	500.64	511.16	3.35	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				103		%
Zinc	66-1	5157.63	5240.54	5076.12	5158.09	1.59	ppb
Zirconium	90-1	488.61	491.64	473.10	484.45	2.05	ppb
Zirconium	91-1	494.86	487.92	485.80	489.53	0.97	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	1.38	0.35	0.44	0.72	79.05	ppb
Antimony	121-1	0.06	0.11	0.06	0.08	42.56	ppb
Arsenic	75-1	0.10	0.23	0.14	0.16	40.52	ppb
Barium	135-1	-0.03	0.06	0.09	0.04	158.70	ppb
Barium	137-1	0.04	0.02	0.07	0.04	50.92	ppb
Beryllium	9-1	0.02	0.07	0.03	0.04	77.10	ppb
Bismuth	209-1				101		%
Bromine	81-1						cps
Cadmium	106-1	-3.46	-2.46	-4.85	-3.59		ppb
Cadmium	108-1	0.37	0.37	-0.05	0.23	103.94	ppb
Cadmium	111-1	-0.21	-0.14	-0.27	-0.21		ppb
Calcium	43-1	10.08	1.67	4.67	5.47	77.85	ppb
Calcium	44-1	104.25	25.73	88.46	72.81	57.04	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.07	-0.21	-0.21	-0.16		ppb
Cobalt	59-1	-0.06	-0.08	-0.02	-0.05		ppb
Copper	63-1	0.48	0.36	0.42	0.42	13.97	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				100		%
Iron	54-1						ppb
Iron	56-1	17.76	2.31	17.15	12.41	70.52	ppb
Iron	57-1	-28.38	-38.24	-23.22	-29.95		ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.26	0.20	0.22	16.43	ppb
Lead	207-1	0.29	0.17	0.26	0.24	27.31	ppb
Lead	208-1	0.22	0.16	0.22	0.20	17.54	ppb
Lithium	6-1				102		%
Magnesium	24-1	6.54	2.37	1.45	3.45	78.65	ppb
Manganese	55-1	-0.03	-0.41	-0.12	-0.19		ppb
Molybdenum	94-1	0.24	0.09	0.22	0.19	43.85	ppb
Molybdenum	95-1	0.22	0.18	0.21	0.20	10.48	ppb
Molybdenum	96-1	0.32	0.08	0.17	0.19	61.80	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.28	0.16	0.31	0.25	30.92	ppb
Molybdenum	98-1	0.25	0.14	0.22	0.21	28.14	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.23	-0.23	0.02	-0.15		ppb
Phosphorus	31-1	-37.96	-47.66	-30.07	-38.56		ppb
Potassium	39-1	62.88	-5.41	66.71	41.39	98.03	ppb
Rhodium	103-1				99		%
Scandium	45-1				99		%
Selenium	82-1	1.46	0.96	0.75	1.06	34.46	ppb
Selenium	77-1	2.18	1.55	2.42	2.05	21.94	ppb
Selenium	78-1	-15.04	-29.46	-10.77	-18.42		ppb
Silicon	28-1	-0.34	-2.86	-0.45	-1.21		ppb
Silver	109-1	0.00	0.01	0.04	0.02	104.08	ppb
Silver	107-1	0.02	0.02	-0.01	0.01	144.31	ppb
Sodium	23-1	122.87	81.33	115.98	106.73	20.86	ppb
Strontium	86-1	-0.03	-0.03	0.01	-0.02		ppb
Strontium	88-1	-0.03	-0.13	-0.09	-0.08		ppb
Sulfur	34-1	732.45	-2152.29	1680.77	86.97	2295.36	ppb
Terbium	159-1				102		%
Thallium	203-1	0.24	0.25	0.25	0.25	1.42	ppb
Thallium	205-1	0.22	0.23	0.22	0.22	1.60	ppb
Tin	118-1	0.00	0.07	0.01	0.03	144.30	ppb
Titanium	47-1	-2.77	-2.66	-2.92	-2.78		ppb
Uranium	238-1	0.00	0.01	0.01	0.01	77.76	ppb
Vanadium	51-1	0.13	0.08	0.11	0.11	27.50	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				102		%
Zinc	66-1	0.00	-0.02	-0.02	-0.01		ppb
Zirconium	90-1	0.00	0.01	0.05	0.02	102.98	ppb
Zirconium	91-1	0.03	0.05	0.00	0.03	102.49	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:44:44	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	20.37	19.97	22.07	20.80	5.35	ppb
Antimony	121-1	1.81	1.82	1.91	1.85	2.81	ppb
Arsenic	75-1	1.18	1.39	1.33	1.30	8.14	ppb
Barium	135-1	9.53	8.61	9.50	9.21	5.70	ppb
Barium	137-1	8.87	8.39	9.94	9.06	8.75	ppb
Beryllium	9-1	1.08	0.96	1.05	1.03	5.85	ppb
Bismuth	209-1				95		%
Bromine	81-1						cps
Cadmium	106-1	-2.86	-2.66	-2.26	-2.59		ppb
Cadmium	108-1	0.09	0.78	1.75	0.87	95.17	ppb
Cadmium	111-1	1.00	0.98	0.76	0.91	14.89	ppb
Calcium	43-1	456.47	471.40	495.27	474.38	4.13	ppb
Calcium	44-1	625.38	561.01	713.21	633.20	12.07	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.74	1.94	2.17	1.95	10.87	ppb
Cobalt	59-1	0.96	0.90	1.04	0.97	7.28	ppb
Copper	63-1	2.07	2.18	2.20	2.15	3.25	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				95		%
Indium	115-1				93		%
Iron	54-1						ppb
Iron	56-1	75.00	66.45	90.88	77.44	16.01	ppb
Iron	57-1	48.84	28.99	44.03	40.62	25.49	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.01	1.06	1.05	3.82	ppb
Lead	207-1	1.03	1.08	1.10	1.07	3.42	ppb
Lead	208-1	1.03	1.03	1.04	1.04	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-1	484.12	476.43	527.05	495.87	5.50	ppb
Manganese	55-1	1.03	0.92	1.17	1.04	12.30	ppb
Molybdenum	94-1	5.81	5.79	6.23	5.94	4.21	ppb
Molybdenum	95-1	4.76	5.04	5.66	5.15	8.93	ppb
Molybdenum	96-1	5.45	4.96	5.11	5.17	4.81	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:44:44	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5.35	4.93	5.31	5.20	4.50	ppb
Molybdenum	98-1	4.92	4.64	5.20	4.92	5.68	ppb
Neodymium	150-1						cps
Nickel	60-1	1.17	1.10	0.83	1.03	17.38	ppb
Phosphorus	31-1	-12.29	-13.58	3.07	-7.60		ppb
Potassium	39-1	555.77	528.30	658.49	580.85	11.81	ppb
Rhodium	103-1				94		%
Scandium	45-1				95		%
Selenium	82-1	6.39	4.64	6.75	5.92	19.07	ppb
Selenium	77-1	6.96	6.53	6.29	6.59	5.13	ppb
Selenium	78-1	24.06	-7.05	31.65	16.22	126.42	ppb
Silicon	28-1	2.08	0.03	3.49	1.87	93.06	ppb
Silver	109-1	0.94	0.90	0.96	0.94	3.05	ppb
Silver	107-1	0.80	0.80	1.00	0.87	13.44	ppb
Sodium	23-1	600.45	555.69	662.21	606.11	8.82	ppb
Strontium	86-1	1.07	0.37	1.42	0.95	56.06	ppb
Strontium	88-1	0.86	0.91	0.92	0.89	3.64	ppb
Sulfur	34-1	3263.51	1563.63	6458.99	3762.04	66.07	ppb
Terbium	159-1				96		%
Thallium	203-1	1.06	1.05	1.17	1.10	6.19	ppb
Thallium	205-1	1.05	1.04	1.05	1.05	0.57	ppb
Tin	118-1	4.35	4.85	4.47	4.56	5.70	ppb
Titanium	47-1	1.39	1.39	2.35	1.71	32.62	ppb
Uranium	238-1	0.96	0.96	1.01	0.98	2.93	ppb
Vanadium	51-1	4.82	4.73	5.36	4.97	6.92	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				96		%
Zinc	66-1	2.82	2.49	2.43	2.58	8.27	ppb
Zirconium	90-1	0.89	0.90	0.92	0.90	2.08	ppb
Zirconium	91-1	0.69	0.85	1.09	0.88	22.84	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	O3587-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:01:15	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	700.91	709.62	703.25	704.59	0.64	ppb
Antimony	121-1	41.07	40.79	41.27	41.04	0.58	ppb
Arsenic	75-1	32.93	33.64	33.11	33.23	1.12	ppb
Barium	135-1	1346.74	1375.96	1367.84	1363.51	1.11	ppb
Barium	137-1	1348.65	1375.42	1360.48	1361.52	0.99	ppb
Beryllium	9-1	15.30	14.96	14.92	15.06	1.39	ppb
Bismuth	209-1				101		%
Bromine	81-1						cps
Cadmium	106-1	14.50	16.69	15.69	15.63	7.03	ppb
Cadmium	108-1	21.05	16.22	19.53	18.94	13.03	ppb
Cadmium	111-1	19.45	19.32	19.67	19.48	0.93	ppb
Calcium	43-1	29.05	46.31	37.35	37.57	22.97	ppb
Calcium	44-1	22.99	6.04	-8.25	6.92	225.89	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	126.66	127.57	126.30	126.84	0.51	ppb
Cobalt	59-1	-0.01	-0.05	-0.04	-0.04		ppb
Copper	63-1	1456.10	1506.53	1460.76	1474.47	1.89	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				99		%
Iron	54-1						ppb
Iron	56-1	832.19	842.18	825.79	833.39	0.99	ppb
Iron	57-1	712.97	737.08	709.94	720.00	2.07	ppb
Krypton	83-1						cps
Lead	206-1	57.42	58.19	56.24	57.29	1.71	ppb
Lead	207-1	55.75	56.10	57.31	56.39	1.45	ppb
Lead	208-1	56.63	57.34	56.92	56.96	0.63	ppb
Lithium	6-1				102		%
Magnesium	24-1	-0.66	-1.11	-1.65	-1.14		ppb
Manganese	55-1	507.00	526.60	510.88	514.83	2.02	ppb
Molybdenum	94-1	59.02	57.45	56.39	57.62	2.29	ppb
Molybdenum	95-1	70.24	70.20	71.02	70.49	0.66	ppb
Molybdenum	96-1	69.37	68.34	70.78	69.49	1.76	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	O3587-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:01:15	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	70.96	67.12	70.60	69.56	3.05	ppb
Molybdenum	98-1	70.11	70.30	70.90	70.44	0.59	ppb
Neodymium	150-1						cps
Nickel	60-1	445.30	462.20	448.71	452.07	1.98	ppb
Phosphorus	31-1	-52.76	-49.72	-34.61	-45.70		ppb
Potassium	39-1	-17.63	-14.85	-31.31	-21.26		ppb
Rhodium	103-1				102		%
Scandium	45-1				101		%
Selenium	82-1	37.10	36.60	36.65	36.78	0.75	ppb
Selenium	77-1	38.28	38.30	38.02	38.20	0.41	ppb
Selenium	78-1	26.71	24.27	26.79	25.92	5.52	ppb
Silicon	28-1	11.82	12.27	12.08	12.05	1.86	ppb
Silver	109-1	94.42	94.47	93.76	94.21	0.42	ppb
Silver	107-1	95.20	95.56	93.93	94.90	0.90	ppb
Sodium	23-1	65.80	67.35	56.84	63.33	8.96	ppb
Strontium	86-1	-0.17	-0.22	-0.24	-0.21		ppb
Strontium	88-1	-0.15	-0.17	-0.15	-0.16		ppb
Sulfur	34-1	12.60	-1288.28	-1439.07	-904.91		ppb
Terbium	159-1				103		%
Thallium	203-1	7.56	7.81	7.69	7.69	1.66	ppb
Thallium	205-1	7.55	7.30	7.11	7.32	2.99	ppb
Tin	118-1	0.03	0.00	-0.07	-0.02		ppb
Titanium	47-1	-3.28	-3.31	-3.32	-3.30		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	369.54	ppb
Vanadium	51-1	92.51	91.91	91.78	92.07	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				103		%
Zinc	66-1	1087.20	1112.88	1084.49	1094.86	1.43	ppb
Zirconium	90-1	0.05	0.10	0.06	0.07	41.64	ppb
Zirconium	91-1	0.00	0.00	0.05	0.02	199.30	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	PB154413BL	Instrumnet Name :	P8
Client Sample ID :	PB154413BL	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:07:03	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.31	0.28	0.41	0.33	21.14	ppb
Antimony	121-1	0.02	0.00	0.02	0.01	107.17	ppb
Arsenic	75-1	0.01	-0.02	0.03	0.00	492.28	ppb
Barium	135-1	0.04	-0.08	0.09	0.02	540.46	ppb
Barium	137-1	0.07	0.05	0.02	0.05	45.82	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	65.67	ppb
Bismuth	209-1				101		%
Bromine	81-1						cps
Cadmium	106-1	-3.26	-3.06	-4.06	-3.46		ppb
Cadmium	108-1	0.64	0.23	0.37	0.41	50.93	ppb
Cadmium	111-1	-0.23	-0.24	-0.29	-0.25		ppb
Calcium	43-1	15.54	16.46	22.26	18.09	20.16	ppb
Calcium	44-1	5.04	-16.63	35.29	7.90	329.97	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.34	-0.23	-0.09	-0.22		ppb
Cobalt	59-1	-0.11	-0.08	0.01	-0.06		ppb
Copper	63-1	0.43	0.21	0.22	0.29	43.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				102		%
Indium	115-1				101		%
Iron	54-1						ppb
Iron	56-1	4.86	-2.29	9.34	3.97	147.80	ppb
Iron	57-1	-42.94	-41.16	-34.87	-39.65		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.10	0.04	0.06	55.53	ppb
Lead	207-1	0.15	-0.02	0.09	0.07	115.59	ppb
Lead	208-1	0.07	0.03	0.05	0.05	47.74	ppb
Lithium	6-1				103		%
Magnesium	24-1	-0.58	0.81	1.76	0.66	177.49	ppb
Manganese	55-1	-0.34	-0.33	-0.32	-0.33		ppb
Molybdenum	94-1	0.06	0.03	0.05	0.05	37.10	ppb
Molybdenum	95-1	0.05	-0.02	-0.01	0.01	645.55	ppb
Molybdenum	96-1	0.05	0.02	-0.05	0.01	514.58	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	PB154413BL	Instrumnet Name :	P8
Client Sample ID :	PB154413BL	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:07:03	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	-0.07	-0.04	-0.03	-0.05		ppb
Molybdenum	98-1	0.04	0.03	0.01	0.03	63.79	ppb
Neodymium	150-1						cps
Nickel	60-1	0.08	-0.39	-0.27	-0.19		ppb
Phosphorus	31-1	-39.13	-42.41	-39.15	-40.23		ppb
Potassium	39-1	-26.79	-60.62	-0.95	-29.45		ppb
Rhodium	103-1				103		%
Scandium	45-1				101		%
Selenium	82-1	1.98	0.50	-0.19	0.76	145.28	ppb
Selenium	77-1	0.15	0.35	0.49	0.33	51.22	ppb
Selenium	78-1	-12.73	-28.44	-3.35	-14.84		ppb
Silicon	28-1	-1.22	-2.77	-0.35	-1.45		ppb
Silver	109-1	0.03	0.02	0.00	0.02	109.09	ppb
Silver	107-1	0.02	0.01	0.02	0.02	54.53	ppb
Sodium	23-1	24.57	9.26	28.99	20.94	49.46	ppb
Strontium	86-1	-0.10	-0.21	-0.25	-0.19		ppb
Strontium	88-1	-0.11	-0.14	-0.13	-0.13		ppb
Sulfur	34-1	-1107.55	-2092.26	-64.94	-1088.25		ppb
Terbium	159-1				103		%
Thallium	203-1	0.06	0.07	0.10	0.08	20.64	ppb
Thallium	205-1	0.09	0.08	0.06	0.08	15.48	ppb
Tin	118-1	0.00	-0.03	-0.03	-0.02		ppb
Titanium	47-1	-3.58	-3.43	-3.51	-3.51		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	74.14	ppb
Vanadium	51-1	0.03	0.00	0.00	0.01	122.50	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				104		%
Zinc	66-1	0.09	-0.19	-0.14	-0.08		ppb
Zirconium	90-1	0.03	-0.01	0.01	0.01	233.81	ppb
Zirconium	91-1	0.03	0.02	0.06	0.03	53.09	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	PB154413BS	Instrumnet Name :	P8
Client Sample ID :	PB154413BS	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:09:57	DataFile Name :	029LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	8971.87	10766.80	10977.50	10238.72	10.76	ppb
Antimony	121-1	497.26	502.18	501.85	500.43	0.55	ppb
Arsenic	75-1	442.92	508.85	519.93	490.57	8.49	ppb
Barium	135-1	2463.59	2511.83	2490.57	2488.66	0.97	ppb
Barium	137-1	2565.63	2631.60	2515.71	2570.98	2.26	ppb
Beryllium	9-1	456.25	506.53	513.88	492.22	6.37	ppb
Bismuth	209-1				105		%
Bromine	81-1						cps
Cadmium	106-1	515.76	518.55	507.76	514.02	1.09	ppb
Cadmium	108-1	508.16	494.36	514.92	505.81	2.07	ppb
Cadmium	111-1	510.22	516.63	509.22	512.02	0.79	ppb
Calcium	43-1	47769.50	56683.97	58186.83	54213.43	10.39	ppb
Calcium	44-1	46476.40	54544.37	56058.87	52359.88	9.84	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	441.71	515.55	534.58	497.28	9.86	ppb
Cobalt	59-1	445.37	527.84	547.73	506.98	10.71	ppb
Copper	63-1	5210.15	5292.49	5256.76	5253.14	0.79	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				104		%
Iron	54-1						ppb
Iron	56-1	22966.68	26801.18	27477.55	25748.47	9.45	ppb
Iron	57-1	23293.60	27574.15	28239.70	26369.15	10.18	ppb
Krypton	83-1						cps
Lead	206-1	2142.22	2658.65	2711.43	2504.10	12.56	ppb
Lead	207-1	2164.62	2630.84	2740.76	2512.07	12.18	ppb
Lead	208-1	2156.43	2633.66	2724.30	2504.80	12.18	ppb
Lithium	6-1				102		%
Magnesium	24-1	45066.74	53682.35	55318.13	51355.74	10.72	ppb
Manganese	55-1	4426.91	5177.01	5297.30	4967.07	9.50	ppb
Molybdenum	94-1	4456.42	5251.47	5498.50	5068.80	10.74	ppb
Molybdenum	95-1	4524.95	5212.03	5421.10	5052.70	9.28	ppb
Molybdenum	96-1	4567.68	5242.74	5425.07	5078.50	8.89	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	PB154413BS	Instrumnet Name :	P8
Client Sample ID :	PB154413BS	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:09:57	DataFile Name :	029LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4583.83	5176.93	5324.75	5028.50	7.80	ppb
Molybdenum	98-1	4608.21	5234.07	5248.94	5030.41	7.27	ppb
Neodymium	150-1						cps
Nickel	60-1	432.25	520.60	537.64	496.83	11.39	ppb
Phosphorus	31-1	8725.31	10406.29	10741.86	9957.82	10.85	ppb
Potassium	39-1	22174.09	26405.04	27464.07	25347.73	11.04	ppb
Rhodium	103-1				101		%
Scandium	45-1				102		%
Selenium	82-1	445.68	509.53	520.70	491.97	8.23	ppb
Selenium	77-1	441.71	508.81	526.46	492.33	9.08	ppb
Selenium	78-1	392.82	513.31	523.11	476.41	15.23	ppb
Silicon	28-1	403.85	491.43	508.58	467.95	12.00	ppb
Silver	109-1	493.26	503.11	495.06	497.14	1.05	ppb
Silver	107-1	504.51	503.75	499.34	502.53	0.56	ppb
Sodium	23-1	45383.01	53702.04	54834.12	51306.39	10.06	ppb
Strontium	86-1	11019.00	12682.23	13066.12	12255.78	8.88	ppb
Strontium	88-1	11348.04	12665.24	13269.43	12427.57	7.91	ppb
Sulfur	34-1	676.90	10657.68	10945.80	7426.79	78.73	ppb
Terbium	159-1				104		%
Thallium	203-1	424.57	513.87	527.88	488.77	11.47	ppb
Thallium	205-1	425.19	520.27	543.68	496.38	12.64	ppb
Tin	118-1	509.29	515.44	511.22	511.99	0.61	ppb
Titanium	47-1	4454.55	5320.19	5360.92	5045.22	10.15	ppb
Uranium	238-1	420.32	514.93	542.46	492.57	13.01	ppb
Vanadium	51-1	441.52	519.73	533.03	498.09	9.93	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				105		%
Zinc	66-1	4415.30	5182.33	5433.25	5010.29	10.58	ppb
Zirconium	90-1	454.49	519.03	510.58	494.70	7.09	ppb
Zirconium	91-1	444.57	506.84	525.38	492.26	8.60	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:12:52	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	50873.13	51530.88	51209.28	51204.43	0.64	ppb
Antimony	121-1	477.91	469.46	482.30	476.56	1.37	ppb
Arsenic	75-1	496.60	497.41	492.70	495.57	0.51	ppb
Barium	135-1	2383.90	2400.38	2437.89	2407.39	1.15	ppb
Barium	137-1	2378.51	2412.07	2460.40	2416.99	1.70	ppb
Beryllium	9-1	503.15	506.25	500.24	503.21	0.60	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	468.61	467.81	482.99	473.14	1.81	ppb
Cadmium	108-1	475.45	488.84	491.46	485.25	1.77	ppb
Cadmium	111-1	479.87	476.89	482.09	479.62	0.54	ppb
Calcium	43-1	249852.17	247948.31	249437.77	249079.42	0.40	ppb
Calcium	44-1	250586.13	250531.85	255627.95	252248.64	1.16	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	506.35	485.39	502.61	498.12	2.24	ppb
Cobalt	59-1	494.53	502.79	508.88	502.07	1.43	ppb
Copper	63-1	5118.37	5028.37	5085.93	5077.55	0.90	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				101		%
Indium	115-1				93		%
Iron	54-1						ppb
Iron	56-1	126734.59	127535.58	127813.49	127361.22	0.44	ppb
Iron	57-1	127863.29	126339.73	126623.54	126942.18	0.64	ppb
Krypton	83-1						cps
Lead	206-1	2552.76	2579.30	2561.72	2564.59	0.53	ppb
Lead	207-1	2553.07	2576.18	2529.00	2552.75	0.92	ppb
Lead	208-1	2568.18	2558.43	2553.50	2560.04	0.29	ppb
Lithium	6-1				97		%
Magnesium	24-1	249935.13	251164.87	253789.75	251629.92	0.78	ppb
Manganese	55-1	4983.11	4912.78	4971.19	4955.69	0.76	ppb
Molybdenum	94-1	5168.11	5179.59	5175.76	5174.49	0.11	ppb
Molybdenum	95-1	5073.69	5156.90	5196.93	5142.51	1.22	ppb
Molybdenum	96-1	5128.71	5187.57	5140.60	5152.29	0.60	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:12:52	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	5112.43	5199.83	5070.44	5127.57	1.29	ppb
Molybdenum	98-1	5161.15	5138.36	5035.05	5111.52	1.31	ppb
Neodymium	150-1						cps
Nickel	60-1	489.81	484.76	492.34	488.97	0.79	ppb
Phosphorus	31-1	10319.36	10068.05	10304.34	10230.58	1.38	ppb
Potassium	39-1	124462.39	124727.61	126290.51	125160.17	0.79	ppb
Rhodium	103-1				92		%
Scandium	45-1				97		%
Selenium	82-1	490.80	491.32	492.14	491.42	0.14	ppb
Selenium	77-1	499.92	499.99	498.04	499.32	0.22	ppb
Selenium	78-1	497.34	499.87	489.90	495.70	1.05	ppb
Silicon	28-1	545.72	542.27	551.00	546.33	0.80	ppb
Silver	109-1	460.17	466.57	473.94	466.89	1.48	ppb
Silver	107-1	466.13	466.19	469.25	467.19	0.38	ppb
Sodium	23-1	248257.42	251588.93	253493.28	251113.21	1.06	ppb
Strontium	86-1	12475.38	12444.70	12392.25	12437.44	0.34	ppb
Strontium	88-1	12543.65	12563.94	12435.47	12514.35	0.55	ppb
Sulfur	34-1	10864.94	10489.38	9733.81	10362.71	5.56	ppb
Terbium	159-1				103		%
Thallium	203-1	499.09	491.57	497.98	496.22	0.82	ppb
Thallium	205-1	514.32	509.62	507.52	510.49	0.68	ppb
Tin	118-1	476.80	481.27	494.62	484.23	1.91	ppb
Titanium	47-1	5070.98	5033.32	5115.28	5073.19	0.81	ppb
Uranium	238-1	524.58	520.48	514.64	519.90	0.96	ppb
Vanadium	51-1	517.45	498.03	511.21	508.90	1.95	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				99		%
Zinc	66-1	5222.18	5152.98	5160.44	5178.53	0.73	ppb
Zirconium	90-1	489.40	496.25	494.92	493.52	0.74	ppb
Zirconium	91-1	502.45	504.88	500.46	502.60	0.44	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:21:08	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.20	0.29	0.14	0.21	33.99	ppb
Antimony	121-1	0.01	0.04	0.11	0.05	104.03	ppb
Arsenic	75-1	-0.11	-0.03	0.01	-0.04		ppb
Barium	135-1	0.04	0.04	-0.08	0.00	721745.57	ppb
Barium	137-1	0.08	0.09	-0.05	0.04	183.58	ppb
Beryllium	9-1	0.04	0.03	0.07	0.05	49.10	ppb
Bismuth	209-1				97		%
Bromine	81-1						cps
Cadmium	106-1	-1.26	-4.45	-5.85	-3.86		ppb
Cadmium	108-1	0.23	0.37	0.78	0.46	62.47	ppb
Cadmium	111-1	-0.07	-0.28	-0.38	-0.24		ppb
Calcium	43-1	-2.15	4.97	5.27	2.70	155.59	ppb
Calcium	44-1	-324.20	-324.56	-302.73	-317.16		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.15	-0.08	-0.09	-0.11		ppb
Cobalt	59-1	-0.06	-0.11	-0.07	-0.08		ppb
Copper	63-1	-0.26	-0.24	-0.18	-0.23		ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				93		%
Iron	54-1						ppb
Iron	56-1	19.91	23.69	27.65	23.75	16.29	ppb
Iron	57-1	-25.87	-12.28	-10.40	-16.19		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.17	0.12	34.01	ppb
Lead	207-1	0.11	0.10	0.09	0.10	9.89	ppb
Lead	208-1	0.11	0.08	0.15	0.11	31.15	ppb
Lithium	6-1				96		%
Magnesium	24-1	-1.86	-1.63	-0.73	-1.41		ppb
Manganese	55-1	-0.22	-0.15	-0.16	-0.18		ppb
Molybdenum	94-1	0.10	-0.01	0.11	0.07	96.70	ppb
Molybdenum	95-1	0.07	0.13	0.11	0.10	27.76	ppb
Molybdenum	96-1	0.18	0.24	0.07	0.16	51.38	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:21:08	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.05	0.00	0.11	0.06	99.36	ppb
Molybdenum	98-1	0.10	0.13	0.06	0.10	38.14	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.50	-0.37	-0.51	-0.46		ppb
Phosphorus	31-1	-28.44	-28.09	-16.04	-24.19		ppb
Potassium	39-1	29.93	35.74	84.99	50.22	60.24	ppb
Rhodium	103-1				91		%
Scandium	45-1				94		%
Selenium	82-1	0.94	1.96	0.64	1.18	58.84	ppb
Selenium	77-1	0.20	0.29	0.17	0.22	26.32	ppb
Selenium	78-1	-5.57	-2.75	8.89	0.19	4055.09	ppb
Silicon	28-1	0.64	0.87	2.64	1.38	79.15	ppb
Silver	109-1	0.01	0.01	0.00	0.01	57.71	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-1	10.79	10.02	21.50	14.10	45.48	ppb
Strontium	86-1	0.04	0.16	0.01	0.07	108.37	ppb
Strontium	88-1	-0.18	-0.12	-0.21	-0.17		ppb
Sulfur	34-1	3517.20	4004.95	5224.22	4248.79	20.69	ppb
Terbium	159-1				98		%
Thallium	203-1	0.11	0.17	0.16	0.14	22.50	ppb
Thallium	205-1	0.17	0.15	0.09	0.14	33.13	ppb
Tin	118-1	0.00	0.02	-0.10	-0.03		ppb
Titanium	47-1	-3.71	-4.27	-3.73	-3.90		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	0.05	-0.01	0.04	0.03	112.44	ppb
Ytterbium	172-1						cps
Ytterbium	176-1						cps
Yttrium	89-1				97		%
Zinc	66-1	-0.01	-0.04	0.06	0.00	2827.93	ppb
Zirconium	90-1	-0.01	0.00	0.03	0.01	211.23	ppb
Zirconium	91-1	-0.03	0.10	0.06	0.04	151.29	ppb

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:34:53	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4285	4255	4275	4272	0.36	cps
Antimony	121-1	58	67	42	56	22.91	cps
Arsenic	75-1	117	83	158	119	31.46	cps
Barium	135-1	50	125	58	78	52.85	cps
Barium	137-1	75	83	150	103	39.99	cps
Beryllium	9-1	50	34	38	41	20.48	cps
Bismuth	209-1	1188843	1207093	1320770	1238902	5.77	cps
Bromine	81-1	1151	1131	1191	1158	2.64	cps
Cadmium	106-1	633	683	817	711	13.33	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Cadmium	111-1	451	488	571	503	12.23	cps
Calcium	43-1	279	266	296	280	5.37	cps
Calcium	44-1	90610	90684	90592	90629	0.05	cps
Carbon	12-1	1471670	1501694	1509877	1494413	1.35	cps
Chlorine	35-1	89408	84932	85662	86667	2.77	cps
Chromium	52-1	5917	5667	5997	5861	2.94	cps
Cobalt	59-1	761	731	831	774	6.64	cps
Copper	63-1	4034	4104	3904	4014	2.53	cps
Dysprosium	156-1	58	67	83	69	18.34	cps
Erbium	164-1	17	25	17	19	24.73	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Holmium	165-1	1793126	1812322	1976807	1860752	5.43	cps
Indium	115-1	1394576	1470998	1621265	1495613	7.71	cps
Iron	54-1						cps
Iron	56-1	696578	690576	692963	693372	0.44	cps
Iron	57-1	25278	23794	23804	24292	3.52	cps
Krypton	83-1	327	333	337	332	1.53	cps
Lead	206-1	317	228	372	306	23.85	cps
Lead	207-1	278	322	156	252	34.27	cps
Lead	208-1	1278	1300	1061	1213	10.88	cps
Lithium	6-1	434640	436755	465269	445555	3.84	cps
Magnesium	24-1	19533	20786	23182	21167	8.76	cps
Manganese	55-1	13831	13260	13200	13430	2.59	cps
Molybdenum	94-1	33	42	67	47	36.74	cps
Molybdenum	95-1	8	50	25	28	75.51	cps
Molybdenum	96-1	100	42	125	89	48.11	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:34:53	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	25	33	42	33	25.01	cps
Molybdenum	98-1	25	8	8	14	69.31	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-1	921	981	761	888	12.83	cps
Phosphorus	31-1	36724	35670	36072	36155	1.47	cps
Potassium	39-1	2867510	2855155	2842169	2854945	0.44	cps
Rhodium	103-1	1466779	1491735	1700414	1552976	8.26	cps
Scandium	45-1	954857	973689	1069243	999263	6.14	cps
Selenium	82-1	78	67	67	71	8.84	cps
Selenium	77-1	26	31	25	28	11.93	cps
Selenium	78-1	29907	29907	29874	29896	0.06	cps
Silicon	28-1	433105	431465	435865	433478	0.51	cps
Silver	109-1	8	17	8	11	43.34	cps
Silver	107-1	25	8	50	28	75.51	cps
Sodium	23-1	927831	919709	922668	923403	0.45	cps
Strontium	86-1	683	742	567	664	13.42	cps
Strontium	88-1	2484	2692	2459	2545	5.04	cps
Sulfur	34-1	368725	365467	365535	366575	0.51	cps
Terbium	159-1	1850729	1863563	2109556	1941283	7.51	cps
Thallium	203-1	8	58	58	42	69.29	cps
Thallium	205-1	75	83	133	97	32.45	cps
Tin	118-1	300	275	183	253	24.30	cps
Titanium	47-1	875	1158	1192	1075	16.19	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-1	190	250	190	210	16.49	cps
Ytterbium	172-1	8	33	25	22	57.29	cps
Ytterbium	176-1	258	208	325	264	22.18	cps
Yttrium	89-1	2627016	2633891	2919197	2726701	6.12	cps
Zinc	66-1	280	410	390	360	19.45	cps
Zirconium	90-1	42	125	100	89	48.11	cps
Zirconium	91-1	50	17	8	25	88.19	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:37:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	44814	45307	46180	45434	1.52	cps
Antimony	121-1	3542	3884	3559	3662	5.26	cps
Arsenic	75-1	650	675	525	617	13.03	cps
Barium	135-1	3200	3000	3225	3142	3.93	cps
Barium	137-1	5610	5843	5626	5693	2.29	cps
Beryllium	9-1	424	458	472	451	5.47	cps
Bismuth	209-1	1212520	1239572	1243693	1231928	1.37	cps
Bromine	81-1	1452	1061	1081	1198	18.35	cps
Cadmium	106-1	633	733	592	653	11.15	cps
Cadmium	108-1	46	54	46	49	9.91	cps
Cadmium	111-1	836	859	740	812	7.74	cps
Calcium	43-1	2465	2362	2435	2421	2.18	cps
Calcium	44-1	123494	123003	122941	123146	0.25	cps
Carbon	12-1	1480341	1504996	1494446	1493261	0.83	cps
Chlorine	35-1	87447	86131	88201	87260	1.20	cps
Chromium	52-1	11797	12348	12027	12057	2.30	cps
Cobalt	59-1	3935	3544	3814	3764	5.31	cps
Copper	63-1	7619	7339	7342	7433	2.16	cps
Dysprosium	156-1	33	42	58	44	28.64	cps
Erbium	164-1	25	17	17	19	24.73	cps
Gadolinium	160-1	25	33	8	22	57.29	cps
Holmium	165-1	1819395	1847120	1860547	1842354	1.14	cps
Indium	115-1	1436438	1454210	1477279	1455976	1.41	cps
Iron	54-1						cps
Iron	56-1	844877	844411	840216	843168	0.30	cps
Iron	57-1	28488	27484	28317	28096	1.91	cps
Krypton	83-1	283	367	277	309	16.24	cps
Lead	206-1	1517	1483	1428	1476	3.04	cps
Lead	207-1	1300	1328	1272	1300	2.14	cps
Lead	208-1	5901	5823	5778	5834	1.06	cps
Lithium	6-1	443095	441771	450918	445261	1.11	cps
Magnesium	24-1	860653	876410	867091	868051	0.91	cps
Manganese	55-1	18280	17459	18160	17966	2.47	cps
Molybdenum	94-1	3192	3092	3059	3114	2.23	cps
Molybdenum	95-1	3867	3942	4217	4009	4.60	cps
Molybdenum	96-1	4134	4501	3901	4179	7.24	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:37:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2142	2809	2450	2467	13.53	cps
Molybdenum	98-1	6210	6177	5993	6126	1.91	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-1	1602	1872	1612	1695	9.04	cps
Phosphorus	31-1	40237	37778	38380	38798	3.30	cps
Potassium	39-1	3774309	3839629	3820112	3811350	0.88	cps
Rhodium	103-1	1519995	1526384	1571093	1539157	1.81	cps
Scandium	45-1	985436	979281	1010477	991731	1.67	cps
Selenium	82-1	243	213	236	230	6.87	cps
Selenium	77-1	143	145	121	137	9.74	cps
Selenium	78-1	30326	30061	30317	30235	0.50	cps
Silicon	28-1	438599	440835	436547	438660	0.49	cps
Silver	109-1	1825	1875	2142	1947	8.74	cps
Silver	107-1	1967	1850	2175	1997	8.24	cps
Sodium	23-1	2039615	2034217	2023894	2032575	0.39	cps
Strontium	86-1	1242	1167	1267	1225	4.25	cps
Strontium	88-1	6118	6660	6010	6263	5.56	cps
Sulfur	34-1	361921	364972	366082	364325	0.59	cps
Terbium	159-1	1904294	1914591	1962204	1927030	1.60	cps
Thallium	203-1	1208	1375	1117	1233	10.62	cps
Thallium	205-1	3234	3234	3492	3320	4.49	cps
Tin	118-1	5826	6043	5876	5915	1.92	cps
Titanium	47-1	2059	2275	1992	2109	7.03	cps
Uranium	238-1	4343	4459	4217	4340	2.79	cps
Vanadium	51-1	16076	15745	15775	15865	1.15	cps
Ytterbium	172-1	17	0	0	6	173.21	cps
Ytterbium	176-1	208	167	242	206	18.28	cps
Yttrium	89-1	2689844	2696768	2730830	2705814	0.81	cps
Zinc	66-1	1692	1482	1412	1528	9.55	cps
Zirconium	90-1	2817	3009	2559	2795	8.08	cps
Zirconium	91-1	592	550	608	583	5.15	cps

LB Number : LB126885 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired : 2023-08-15 12:44:06 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	2243923	2225876	2202406	2224068	0.94	cps
Antimony	121-1	92773	88260	88596	89876	2.80	cps
Arsenic	75-1	27193	26659	27678	27177	1.87	cps
Barium	135-1	85251	81881	83299	83477	2.03	cps
Barium	137-1	148133	140618	145233	144661	2.62	cps
Beryllium	9-1	21557	20829	21001	21129	1.80	cps
Bismuth	209-1	1194307	1194083	1216761	1201717	1.08	cps
Bromine	81-1	1191	1111	1091	1131	4.68	cps
Cadmium	106-1	2992	2750	2792	2845	4.54	cps
Cadmium	108-1	1679	1438	1658	1592	8.41	cps
Cadmium	111-1	21618	19949	20040	20536	4.57	cps
Calcium	43-1	26127	25203	24708	25346	2.84	cps
Calcium	44-1	485154	468564	469669	474462	1.95	cps
Carbon	12-1	1433837	1450358	1422970	1435722	0.96	cps
Chlorine	35-1	110704	109923	109453	110027	0.57	cps
Chromium	52-1	149252	147178	144236	146889	1.72	cps
Cobalt	59-1	161203	156631	154928	157588	2.06	cps
Copper	63-1	929010	897275	903625	909970	1.85	cps
Dysprosium	156-1	42	33	67	47	36.74	cps
Erbium	164-1	0	17	17	11	86.60	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Holmium	165-1	1781693	1792167	1816471	1796777	0.99	cps
Indium	115-1	1400349	1387534	1429938	1405940	1.55	cps
Iron	54-1						cps
Iron	56-1	8610081	8347254	8252315	8403217	2.21	cps
Iron	57-1	214781	210086	209031	211299	1.45	cps
Krypton	83-1	307	233	253	264	14.33	cps
Lead	206-1	297925	285283	292167	291792	2.17	cps
Lead	207-1	260286	249607	252604	254166	2.17	cps
Lead	208-1	1191607	1146439	1162945	1166997	1.96	cps
Lithium	6-1	433692	431734	438657	434694	0.82	cps
Magnesium	24-1	9225753	8991073	8791422	9002749	2.41	cps
Manganese	55-1	1920675	1865438	1858763	1881626	1.81	cps
Molybdenum	94-1	276119	260420	263186	266575	3.14	cps
Molybdenum	95-1	400839	386469	384338	390549	2.30	cps
Molybdenum	96-1	430394	418461	423782	424212	1.41	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:44:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	244610	233920	241456	239996	2.29	cps
Molybdenum	98-1	642392	606832	625120	624781	2.85	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Nickel	60-1	37257	36775	37227	37086	0.73	cps
Phosphorus	31-1	165590	159506	161823	162306	1.89	cps
Potassium	39-1	8430195	8062098	8170675	8220989	2.30	cps
Rhodium	103-1	1443881	1422206	1464941	1443676	1.48	cps
Scandium	45-1	955030	950850	969538	958473	1.02	cps
Selenium	82-1	1550	1520	1561	1544	1.37	cps
Selenium	77-1	1195	1132	1164	1164	2.72	cps
Selenium	78-1	33061	32874	32746	32894	0.48	cps
Silicon	28-1	889851	864274	1026264	926796	9.40	cps
Silver	109-1	97468	93265	95555	95430	2.20	cps
Silver	107-1	99382	95093	98241	97572	2.28	cps
Sodium	23-1	12763572	12497643	12435762	12565659	1.39	cps
Strontium	86-1	577299	545556	556301	559718	2.88	cps
Strontium	88-1	4976505	4762590	4799996	4846364	2.36	cps
Sulfur	34-1	375304	366492	370157	370651	1.19	cps
Terbium	159-1	1861333	1853700	1929472	1881502	2.22	cps
Thallium	203-1	70793	68958	68741	69497	1.62	cps
Thallium	205-1	167750	163108	162509	164455	1.74	cps
Tin	118-1	59672	59287	61221	60060	1.70	cps
Titanium	47-1	110649	108357	106317	108441	2.00	cps
Uranium	238-1	224957	224456	220704	223372	1.04	cps
Vanadium	51-1	161129	155522	157173	157941	1.82	cps
Ytterbium	172-1	8	25	17	17	50.01	cps
Ytterbium	176-1	467	500	500	489	3.94	cps
Yttrium	89-1	2601244	2572034	2646259	2606512	1.43	cps
Zinc	66-1	295008	284284	283492	287594	2.24	cps
Zirconium	90-1	135572	127924	129951	131149	3.02	cps
Zirconium	91-1	30292	28764	28246	29100	3.66	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:47:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5200955	5263703	5206313	5223657	0.67	cps
Antimony	121-1	230359	226233	224573	227055	1.31	cps
Arsenic	75-1	68768	67721	69639	68709	1.40	cps
Barium	135-1	210179	213495	210274	211316	0.89	cps
Barium	137-1	369769	366963	361985	366239	1.08	cps
Beryllium	9-1	52873	53050	53502	53142	0.61	cps
Bismuth	209-1	1227466	1244527	1228163	1233385	0.78	cps
Bromine	81-1	1141	1422	1111	1225	13.98	cps
Cadmium	106-1	6202	5651	5951	5935	4.64	cps
Cadmium	108-1	4176	3834	3888	3966	4.63	cps
Cadmium	111-1	51902	52320	52756	52326	0.82	cps
Calcium	43-1	61414	61630	61172	61406	0.37	cps
Calcium	44-1	1017031	1011760	1020114	1016302	0.42	cps
Carbon	12-1	1421408	1435131	1415893	1424144	0.70	cps
Chlorine	35-1	113695	111393	111956	112348	1.07	cps
Chromium	52-1	363553	361242	353474	359423	1.47	cps
Cobalt	59-1	394783	397283	394242	395436	0.41	cps
Copper	63-1	2400201	2387918	2359671	2382597	0.87	cps
Dysprosium	156-1	42	42	75	53	36.46	cps
Erbium	164-1	58	8	8	25	115.49	cps
Gadolinium	160-1	17	25	67	36	74.18	cps
Holmium	165-1	1878873	1908158	1898433	1895155	0.79	cps
Indium	115-1	1460194	1474206	1446516	1460305	0.95	cps
Iron	54-1						cps
Iron	56-1	20285032	19964149	19687142	19978774	1.50	cps
Iron	57-1	498292	497407	490539	495412	0.86	cps
Krypton	83-1	247	283	273	268	7.08	cps
Lead	206-1	728729	746197	739892	738273	1.20	cps
Lead	207-1	643497	644004	642473	643325	0.12	cps
Lead	208-1	2961706	2968423	2970733	2966954	0.16	cps
Lithium	6-1	445643	445090	441307	444013	0.53	cps
Magnesium	24-1	22528760	22473610	22553491	22518620	0.18	cps
Manganese	55-1	4630962	4628389	4530552	4596634	1.25	cps
Molybdenum	94-1	666553	676422	673957	672310	0.76	cps
Molybdenum	95-1	980547	991438	991349	987778	0.63	cps
Molybdenum	96-1	1065531	1067271	1059000	1063934	0.41	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:47:11	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	602427	608522	601900	604283	0.61	cps
Molybdenum	98-1	1593766	1597885	1577598	1589750	0.67	cps
Neodymium	150-1	33	20	13	22	45.83	cps
Nickel	60-1	89591	92069	91867	91176	1.51	cps
Phosphorus	31-1	356993	352258	352344	353865	0.77	cps
Potassium	39-1	16249234	16169447	16317439	16245373	0.46	cps
Rhodium	103-1	1554935	1557960	1493011	1535302	2.39	cps
Scandium	45-1	996135	991953	977457	988515	0.99	cps
Selenium	82-1	3695	3653	3699	3682	0.70	cps
Selenium	77-1	2805	2814	2859	2826	1.02	cps
Selenium	78-1	37765	38017	37872	37885	0.33	cps
Silicon	28-1	1590471	1581334	1588664	1586823	0.30	cps
Silver	109-1	236945	237793	236902	237213	0.21	cps
Silver	107-1	249103	245760	245142	246668	0.86	cps
Sodium	23-1	29776365	30437486	30426702	30213518	1.25	cps
Strontium	86-1	1396667	1416773	1445244	1419562	1.72	cps
Strontium	88-1	12185513	12163326	12287212	12212017	0.54	cps
Sulfur	34-1	378230	379014	376347	377864	0.36	cps
Terbium	159-1	1968051	1976546	1966645	1970414	0.27	cps
Thallium	203-1	176158	177230	177390	176926	0.38	cps
Thallium	205-1	421695	418730	428746	423057	1.22	cps
Tin	118-1	146420	150075	148667	148387	1.24	cps
Titanium	47-1	272608	270736	269640	270995	0.55	cps
Uranium	238-1	567753	568898	573548	570066	0.54	cps
Vanadium	51-1	401284	403365	403077	402575	0.28	cps
Ytterbium	172-1	25	33	17	25	33.32	cps
Ytterbium	176-1	1050	892	1025	989	8.61	cps
Yttrium	89-1	2770714	2728626	2687558	2728966	1.52	cps
Zinc	66-1	650288	649210	648905	649468	0.11	cps
Zirconium	90-1	332073	333787	330246	332035	0.53	cps
Zirconium	91-1	74859	71609	73033	73167	2.23	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:50:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10298388	10567783	10424374	10430182	1.29	cps
Antimony	121-1	456577	460553	458724	458618	0.43	cps
Arsenic	75-1	136128	135900	136430	136153	0.20	cps
Barium	135-1	423724	422779	417821	421441	0.75	cps
Barium	137-1	729851	739970	729349	733056	0.82	cps
Beryllium	9-1	105377	107192	105361	105977	0.99	cps
Bismuth	209-1	1257885	1201358	1316937	1258726	4.59	cps
Bromine	81-1	1011	1051	1392	1151	18.16	cps
Cadmium	106-1	10963	11447	10921	11110	2.63	cps
Cadmium	108-1	7690	7727	7515	7644	1.48	cps
Cadmium	111-1	103270	104510	104867	104216	0.80	cps
Calcium	43-1	122200	122567	121089	121952	0.63	cps
Calcium	44-1	1988595	2015478	1992175	1998749	0.73	cps
Carbon	12-1	1459859	1463625	1463707	1462397	0.15	cps
Chlorine	35-1	109076	108765	108741	108861	0.17	cps
Chromium	52-1	713198	719137	712443	714926	0.51	cps
Cobalt	59-1	784139	790932	778339	784470	0.80	cps
Copper	63-1	4526919	4651626	4604776	4594440	1.37	cps
Dysprosium	156-1	58	92	92	81	23.89	cps
Erbium	164-1	25	0	8	11	114.58	cps
Gadolinium	160-1	83	17	58	53	63.81	cps
Holmium	165-1	1844915	1807568	1990329	1880937	5.13	cps
Indium	115-1	1455270	1407080	1570410	1477586	5.68	cps
Iron	54-1						cps
Iron	56-1	39102584	39596345	39585683	39428204	0.72	cps
Iron	57-1	948290	985422	969803	967838	1.93	cps
Krypton	83-1	343	313	243	300	17.10	cps
Lead	206-1	1487890	1481906	1485394	1485063	0.20	cps
Lead	207-1	1306497	1295735	1291362	1297865	0.60	cps
Lead	208-1	6220770	6174916	6121479	6172388	0.81	cps
Lithium	6-1	441909	430237	459002	443716	3.26	cps
Magnesium	24-1	44829342	44791669	45152974	44924661	0.44	cps
Manganese	55-1	9114532	9200211	9028807	9114517	0.94	cps
Molybdenum	94-1	1355418	1355213	1334747	1348459	0.88	cps
Molybdenum	95-1	1969300	1983458	1987185	1979981	0.48	cps
Molybdenum	96-1	2102582	2209917	2136440	2149646	2.55	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:50:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1194132	1240032	1205069	1213078	1.98	cps
Molybdenum	98-1	3161443	3257478	3148009	3188977	1.87	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Nickel	60-1	175343	177533	175293	176056	0.73	cps
Phosphorus	31-1	659236	668185	667374	664932	0.74	cps
Potassium	39-1	29722759	29607478	29324847	29551695	0.69	cps
Rhodium	103-1	1510924	1475707	1603932	1530187	4.33	cps
Scandium	45-1	982603	950505	1041085	991398	4.63	cps
Selenium	82-1	7488	7475	7452	7471	0.24	cps
Selenium	77-1	5552	5578	5536	5556	0.38	cps
Selenium	78-1	46931	47017	47328	47092	0.44	cps
Silicon	28-1	2478647	2545783	2509723	2511384	1.34	cps
Silver	109-1	479945	483405	477219	480190	0.65	cps
Silver	107-1	490192	495209	490270	491890	0.58	cps
Sodium	23-1	59614165	59106738	59293210	59338038	0.43	cps
Strontium	86-1	2898248	2868234	2866664	2877715	0.62	cps
Strontium	88-1	24792036	24675201	24317614	24594950	1.01	cps
Sulfur	34-1	390736	389229	391558	390508	0.30	cps
Terbium	159-1	1971134	1885906	2038316	1965119	3.89	cps
Thallium	203-1	356393	356649	355680	356241	0.14	cps
Thallium	205-1	835538	847767	851285	844863	0.98	cps
Tin	118-1	297458	298969	297440	297955	0.29	cps
Titanium	47-1	542159	540653	540828	541213	0.15	cps
Uranium	238-1	1167862	1171958	1152868	1164229	0.86	cps
Vanadium	51-1	785199	804273	793105	794193	1.21	cps
Ytterbium	172-1	8	8	25	14	69.31	cps
Ytterbium	176-1	1767	1842	1658	1756	5.25	cps
Yttrium	89-1	2756915	2671160	2853376	2760484	3.30	cps
Zinc	66-1	1289684	1294168	1284641	1289498	0.37	cps
Zirconium	90-1	665577	668481	664840	666299	0.29	cps
Zirconium	91-1	148417	145985	145622	146675	1.04	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:53:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	21036459	20374177	19746504	20385713	3.16	cps
Antimony	121-1	921414	908068	873858	901113	2.72	cps
Arsenic	75-1	274389	265060	253033	264160	4.05	cps
Barium	135-1	851433	840477	799712	830541	3.28	cps
Barium	137-1	1486327	1437270	1396250	1439949	3.13	cps
Beryllium	9-1	209426	209490	199538	206152	2.78	cps
Bismuth	209-1	1252620	1258229	1346435	1285762	4.09	cps
Bromine	81-1	1011	871	1181	1021	15.22	cps
Cadmium	106-1	21208	21876	20816	21300	2.52	cps
Cadmium	108-1	15588	15354	14850	15264	2.47	cps
Cadmium	111-1	208093	205163	197901	203719	2.58	cps
Calcium	43-1	243620	239448	231341	238136	2.62	cps
Calcium	44-1	3793929	3848286	3623196	3755137	3.13	cps
Carbon	12-1	1496366	1535605	1557186	1529719	2.02	cps
Chlorine	35-1	104207	102428	101295	102643	1.43	cps
Chromium	52-1	1416417	1413924	1340237	1390193	3.11	cps
Cobalt	59-1	1637533	1601815	1515743	1585030	3.95	cps
Copper	63-1	9272230	8987922	8691503	8983885	3.23	cps
Dysprosium	156-1	92	117	125	111	15.61	cps
Erbium	164-1	17	25	33	25	33.32	cps
Gadolinium	160-1	75	75	67	72	6.66	cps
Holmium	165-1	1913902	1892518	2070854	1959091	4.97	cps
Indium	115-1	1435360	1450008	1635269	1506879	7.39	cps
Iron	54-1						cps
Iron	56-1	77328621	77017547	74065348	76137172	2.37	cps
Iron	57-1	1936484	1904387	1832380	1891084	2.82	cps
Krypton	83-1	293	287	263	281	5.60	cps
Lead	206-1	3151833	3184243	3044626	3126901	2.34	cps
Lead	207-1	2788738	2751171	2634029	2724646	2.96	cps
Lead	208-1	12624709	12607572	12178105	12470128	2.03	cps
Lithium	6-1	443292	444885	460961	449712	2.17	cps
Magnesium	24-1	90426731	87506438	85060090	87664420	3.06	cps
Manganese	55-1	17785326	17969624	17168836	17641262	2.38	cps
Molybdenum	94-1	2713368	2662438	2555068	2643625	3.06	cps
Molybdenum	95-1	3934435	3921337	3737644	3864472	2.85	cps
Molybdenum	96-1	4321044	4199785	4033830	4184886	3.45	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:53:20	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2400958	2373012	2331813	2368594	1.47	cps
Molybdenum	98-1	6277841	6316128	6096914	6230295	1.88	cps
Neodymium	150-1	33	53	53	47	24.75	cps
Nickel	60-1	357246	345736	333163	345381	3.49	cps
Phosphorus	31-1	1274641	1258436	1211932	1248337	2.61	cps
Potassium	39-1	56186010	55942375	54059561	55395982	2.10	cps
Rhodium	103-1	1459418	1518994	1628376	1535596	5.58	cps
Scandium	45-1	982488	992544	1069407	1014813	4.69	cps
Selenium	82-1	14377	14252	14069	14233	1.09	cps
Selenium	77-1	11009	11175	10648	10944	2.46	cps
Selenium	78-1	65183	64512	62909	64201	1.82	cps
Silicon	28-1	4570296	4436573	4396949	4467939	2.03	cps
Silver	109-1	959148	942665	910945	937586	2.61	cps
Silver	107-1	981263	970357	940446	964022	2.19	cps
Sodium	23-1	118752528	116549946	111541928	115614801	3.20	cps
Strontium	86-1	5668018	5681267	5352117	5567134	3.35	cps
Strontium	88-1	48219326	48206114	46876884	47767441	1.61	cps
Sulfur	34-1	421339	420229	413654	418407	0.99	cps
Terbium	159-1	1961717	1974373	2093774	2009955	3.63	cps
Thallium	203-1	721940	707159	675776	701625	3.36	cps
Thallium	205-1	1768588	1759026	1617670	1715094	4.93	cps
Tin	118-1	591897	596030	580380	589435	1.38	cps
Titanium	47-1	1065073	1067614	1030633	1054440	1.96	cps
Uranium	238-1	2393809	2403991	2286716	2361505	2.75	cps
Vanadium	51-1	1599704	1574397	1533761	1569288	2.12	cps
Ytterbium	172-1	17	42	17	25	57.73	cps
Ytterbium	176-1	3192	3242	3100	3178	2.26	cps
Yttrium	89-1	2752227	2738823	2953128	2814726	4.26	cps
Zinc	66-1	2685450	2653165	2520533	2619716	3.34	cps
Zirconium	90-1	1326269	1301943	1273212	1300474	2.04	cps
Zirconium	91-1	295444	291312	282584	289780	2.27	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:56:23	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	41449581	41531450	41344402	41441811	0.23	cps
Antimony	121-1	1884719	1883686	1876392	1881599	0.24	cps
Arsenic	75-1	532194	538512	534282	534996	0.60	cps
Barium	135-1	1741729	1727962	1733207	1734299	0.40	cps
Barium	137-1	2985079	2956949	3005214	2982414	0.81	cps
Beryllium	9-1	414559	414781	410480	413273	0.59	cps
Bismuth	209-1	1179285	1291241	1223412	1231313	4.58	cps
Bromine	81-1	1031	1161	1181	1125	7.25	cps
Cadmium	106-1	42198	42750	43009	42652	0.97	cps
Cadmium	108-1	30471	29878	30016	30122	1.03	cps
Cadmium	111-1	412164	410802	411756	411574	0.17	cps
Calcium	43-1	480129	477702	477386	478406	0.31	cps
Calcium	44-1	7385952	7257665	7397595	7347071	1.06	cps
Carbon	12-1	1465106	1493291	1517856	1492084	1.77	cps
Chlorine	35-1	108614	107858	109320	108597	0.67	cps
Chromium	52-1	2843175	2814170	2860931	2839425	0.83	cps
Cobalt	59-1	3123224	3136001	3135090	3131438	0.23	cps
Copper	63-1	18033316	18111326	17656761	17933801	1.36	cps
Dysprosium	156-1	167	117	142	142	17.65	cps
Erbium	164-1	42	50	42	44	10.82	cps
Gadolinium	160-1	125	108	125	119	8.05	cps
Holmium	165-1	1841145	1999492	1867560	1902732	4.46	cps
Indium	115-1	1353431	1545117	1382934	1427161	7.23	cps
Iron	54-1						cps
Iron	56-1	152399955	151228278	154223323	152617185	0.99	cps
Iron	57-1	3639920	3692986	3655298	3662734	0.75	cps
Krypton	83-1	213	277	267	252	13.50	cps
Lead	206-1	6316463	6332400	6428359	6359074	0.95	cps
Lead	207-1	5487075	5548928	5591662	5542555	0.95	cps
Lead	208-1	25084133	25374372	25464512	25307672	0.79	cps
Lithium	6-1	417662	450137	427017	431605	3.87	cps
Magnesium	24-1	176865644	177660975	177460459	177329026	0.23	cps
Manganese	55-1	36158306	35259174	36362633	35926704	1.63	cps
Molybdenum	94-1	5320193	5379980	5260709	5320294	1.12	cps
Molybdenum	95-1	7806796	7788382	7742660	7779279	0.42	cps
Molybdenum	96-1	8539508	8509650	8318990	8456049	1.41	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:56:23	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	4836744	4824468	4772945	4811386	0.70	cps
Molybdenum	98-1	12493614	12447626	12356611	12432617	0.56	cps
Neodymium	150-1	60	140	67	89	49.94	cps
Nickel	60-1	683642	678964	680382	680996	0.35	cps
Phosphorus	31-1	2463611	2468709	2459120	2463813	0.19	cps
Potassium	39-1	108995444	108687243	109142897	108941861	0.21	cps
Rhodium	103-1	1399558	1548382	1406439	1451460	5.79	cps
Scandium	45-1	925230	1008816	943771	959272	4.58	cps
Selenium	82-1	28759	28561	28562	28627	0.40	cps
Selenium	77-1	22018	22173	22026	22072	0.39	cps
Selenium	78-1	99527	99514	99110	99384	0.24	cps
Silicon	28-1	9320430	9244176	9106460	9223688	1.18	cps
Silver	109-1	1973520	1943825	1962601	1959982	0.77	cps
Silver	107-1	2018190	2001607	2029898	2016565	0.70	cps
Sodium	23-1	231377760	229153415	228373465	229634880	0.68	cps
Strontium	86-1	11352557	11164118	11420369	11312348	1.17	cps
Strontium	88-1	98141444	97029740	97492663	97554615	0.57	cps
Sulfur	34-1	488437	485555	480489	484827	0.83	cps
Terbium	159-1	1883011	2092889	1928324	1968075	5.61	cps
Thallium	203-1	1424516	1434090	1429353	1429320	0.33	cps
Thallium	205-1	3517501	3523804	3525145	3522150	0.12	cps
Tin	118-1	1196525	1193905	1184335	1191588	0.54	cps
Titanium	47-1	2059368	2071865	2080733	2070656	0.52	cps
Uranium	238-1	4863785	4837184	4928923	4876631	0.97	cps
Vanadium	51-1	3145014	3128381	3175494	3149630	0.76	cps
Ytterbium	172-1	75	42	50	56	31.22	cps
Ytterbium	176-1	6160	6268	6018	6149	2.04	cps
Yttrium	89-1	2598135	2838344	2677064	2704514	4.53	cps
Zinc	66-1	5203541	5268178	5182108	5217943	0.86	cps
Zirconium	90-1	2713485	2677296	2707799	2699527	0.72	cps
Zirconium	91-1	582853	577306	583410	581190	0.58	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:59:29	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	197455494	196894052	202516119	198955222	1.56	cps
Antimony	121-1	775	1125	1233	1045	22.94	cps
Arsenic	75-1	342	275	250	289	16.40	cps
Barium	135-1	1258	1250	1058	1189	9.52	cps
Barium	137-1	2242	2000	1975	2072	7.11	cps
Beryllium	9-1	102	136	106	115	16.21	cps
Bismuth	209-1	1188141	1245633	1172508	1202094	3.20	cps
Bromine	81-1	1702	1742	1812	1752	3.18	cps
Cadmium	106-1	625	592	633	617	3.58	cps
Cadmium	108-1	38	83	58	60	38.42	cps
Cadmium	111-1	632	635	648	639	1.36	cps
Calcium	43-1	2181038	2101721	2175046	2152602	2.05	cps
Calcium	44-1	34295914	34135550	34713863	34381776	0.87	cps
Carbon	12-1	1638699	1748878	1804248	1730608	4.87	cps
Chlorine	35-1	111057	113207	114551	112938	1.56	cps
Chromium	52-1	20415	21258	21579	21084	2.85	cps
Cobalt	59-1	8251	9012	8221	8495	5.28	cps
Copper	63-1	15545	16945	15559	16016	5.02	cps
Dysprosium	156-1	458	358	417	411	12.22	cps
Erbium	164-1	50	50	50	50	0.00	cps
Gadolinium	160-1	383	425	283	364	20.01	cps
Holmium	165-1	1865353	2003853	1899351	1922852	3.75	cps
Indium	115-1	1379645	1462521	1385777	1409314	3.28	cps
Iron	54-1						cps
Iron	56-1	714319775	728342277	730865900	724509317	1.23	cps
Iron	57-1	17266585	17351560	17420095	17346080	0.44	cps
Krypton	83-1	260	230	260	250	6.93	cps
Lead	206-1	2895	3212	3067	3058	5.19	cps
Lead	207-1	2689	2445	2745	2626	6.08	cps
Lead	208-1	12419	12475	12019	12304	2.02	cps
Lithium	6-1	427076	442255	427462	432264	2.00	cps
Magnesium	24-1	844631262	851018388	868440370	854696673	1.44	cps
Manganese	55-1	38722	43327	38792	40280	6.55	cps
Molybdenum	94-1	1375	1467	1442	1428	3.32	cps
Molybdenum	95-1	1617	1792	1475	1628	9.75	cps
Molybdenum	96-1	2075	2267	2142	2161	4.50	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 12:59:29	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	917	975	1150	1014	11.98	cps
Molybdenum	98-1	2725	2992	2659	2792	6.32	cps
Neodymium	150-1	53	87	60	67	26.46	cps
Nickel	60-1	5196	4485	4886	4856	7.34	cps
Phosphorus	31-1	33292	34156	33392	33613	1.40	cps
Potassium	39-1	517793455	520991153	525281203	521355270	0.72	cps
Rhodium	103-1	1378526	1513314	1366554	1419465	5.74	cps
Scandium	45-1	932119	1001658	960556	964778	3.62	cps
Selenium	82-1	262	269	256	262	2.48	cps
Selenium	77-1	149	149	170	156	7.77	cps
Selenium	78-1	28537	28623	28299	28486	0.59	cps
Silicon	28-1	1002190	1122507	1153324	1092674	7.31	cps
Silver	109-1	400	375	283	353	17.41	cps
Silver	107-1	333	350	517	400	25.35	cps
Sodium	23-1	1111816257	1108418700	1111097458	1110444138	0.16	cps
Strontium	86-1	1725	2201	1617	1848	16.81	cps
Strontium	88-1	10971	14160	10980	12037	15.27	cps
Sulfur	34-1	350585	354827	353265	352893	0.61	cps
Terbium	159-1	1897523	2098530	1964543	1986865	5.15	cps
Thallium	203-1	442	533	417	464	13.24	cps
Thallium	205-1	1233	1025	1208	1156	9.84	cps
Tin	118-1	767	925	825	839	9.55	cps
Titanium	47-1	767	975	667	803	19.60	cps
Uranium	238-1	458	542	575	525	11.45	cps
Vanadium	51-1	1041	1251	851	1048	19.12	cps
Ytterbium	172-1	67	75	67	69	6.93	cps
Ytterbium	176-1	158	275	200	211	28.00	cps
Yttrium	89-1	2656358	2835350	2626588	2706099	4.17	cps
Zinc	66-1	11827	12609	12188	12208	3.20	cps
Zirconium	90-1	1092	1400	1092	1195	14.91	cps
Zirconium	91-1	275	317	233	275	15.15	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1033911	1036543	1022393	1030949	0.73	cps
Antimony	121-1	359354	353293	354680	355776	0.89	cps
Arsenic	75-1	108315	107105	104839	106753	1.65	cps
Barium	135-1	34453	33459	33826	33913	1.48	cps
Barium	137-1	58033	57649	57306	57662	0.63	cps
Beryllium	9-1	42208	41662	41815	41895	0.67	cps
Bismuth	209-1	1166633	1215386	1220190	1200736	2.47	cps
Bromine	81-1	1191	1111	1331	1211	9.20	cps
Cadmium	106-1	6894	7060	7402	7119	3.64	cps
Cadmium	108-1	4743	4526	4563	4611	2.51	cps
Cadmium	111-1	42533	42848	42911	42764	0.47	cps
Calcium	43-1	9753	9601	9473	9609	1.46	cps
Calcium	44-1	232988	231937	230302	231742	0.58	cps
Carbon	12-1	1645060	1601859	1619096	1622005	1.34	cps
Chlorine	35-1	105668	106993	103401	105354	1.72	cps
Chromium	52-1	286710	280271	277099	281360	1.74	cps
Cobalt	59-1	316010	307781	306947	310246	1.61	cps
Copper	63-1	178734	179296	176425	178152	0.85	cps
Dysprosium	156-1	42	33	100	58	62.27	cps
Erbium	164-1	25	17	8	17	50.01	cps
Gadolinium	160-1	25	33	0	19	89.21	cps
Holmium	165-1	1741748	1816919	1820979	1793215	2.49	cps
Indium	115-1	1319336	1409354	1414564	1381085	3.88	cps
Iron	54-1						cps
Iron	56-1	6770352	6607636	6691823	6689937	1.22	cps
Iron	57-1	170073	167054	165252	167460	1.45	cps
Krypton	83-1	277	260	240	259	7.09	cps
Lead	206-1	254205	257678	254419	255434	0.76	cps
Lead	207-1	218186	218299	216898	217794	0.36	cps
Lead	208-1	1012700	1015212	1002405	1010106	0.67	cps
Lithium	6-1	423397	445048	448178	438874	3.07	cps
Magnesium	24-1	2049645	1987893	1976442	2004660	1.96	cps
Manganese	55-1	366996	361972	363531	364166	0.71	cps
Molybdenum	94-1	2833865	2830249	2871492	2845202	0.80	cps
Molybdenum	95-1	4047419	4032307	4031904	4037210	0.22	cps
Molybdenum	96-1	4388518	4402175	4414568	4401753	0.30	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICV02	Instrumnet Name :	P8
Client Sample ID :	ICV02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:06:08	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2539472	2480058	2523898	2514476	1.23	cps
Molybdenum	98-1	6473306	6412505	6394847	6426886	0.64	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Nickel	60-1	78021	74983	75355	76120	2.18	cps
Phosphorus	31-1	33262	33694	32700	33219	1.50	cps
Potassium	39-1	6918260	6961268	6849281	6909603	0.82	cps
Rhodium	103-1	1400448	1515809	1507328	1474528	4.36	cps
Scandium	45-1	897628	960839	951550	936672	3.64	cps
Selenium	82-1	5764	5766	5717	5749	0.49	cps
Selenium	77-1	4410	4495	4471	4458	0.98	cps
Selenium	78-1	42814	42680	42096	42530	0.90	cps
Silicon	28-1	894934	914134	926000	911690	1.72	cps
Silver	109-1	93776	93592	90120	92496	2.23	cps
Silver	107-1	97065	95161	95287	95838	1.11	cps
Sodium	23-1	5636429	5571152	5570001	5592527	0.68	cps
Strontium	86-1	265960	266512	264789	265754	0.33	cps
Strontium	88-1	2397541	2314545	2320133	2344073	1.98	cps
Sulfur	34-1	364936	360590	354496	360007	1.46	cps
Terbium	159-1	1849739	1914521	1916723	1893661	2.01	cps
Thallium	203-1	304698	303098	302283	303359	0.40	cps
Thallium	205-1	716650	704859	707786	709765	0.86	cps
Tin	118-1	700514	694662	692000	695725	0.63	cps
Titanium	47-1	1050117	1026530	1010761	1029136	1.92	cps
Uranium	238-1	3051050	2969936	3023102	3014696	1.37	cps
Vanadium	51-1	308611	306008	301381	305333	1.20	cps
Ytterbium	172-1	8	25	25	19	49.50	cps
Ytterbium	176-1	2267	2009	2125	2134	6.06	cps
Yttrium	89-1	2543219	2689613	2667722	2633518	3.00	cps
Zinc	66-1	99004	100859	98388	99417	1.29	cps
Zirconium	90-1	1591882	1584534	1562163	1579526	0.98	cps
Zirconium	91-1	338958	337716	336618	337764	0.35	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:09:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4505	4415	4425	4449	1.11	cps
Antimony	121-1	133	308	442	294	52.52	cps
Arsenic	75-1	83	117	125	108	20.35	cps
Barium	135-1	67	92	58	72	24.02	cps
Barium	137-1	83	92	75	83	10.00	cps
Beryllium	9-1	64	54	52	57	11.35	cps
Bismuth	209-1	1162321	1136959	1261251	1186844	5.53	cps
Bromine	81-1	1151	1201	1271	1208	4.99	cps
Cadmium	106-1	500	550	567	539	6.44	cps
Cadmium	108-1	25	25	33	28	17.31	cps
Cadmium	111-1	362	434	436	411	10.31	cps
Calcium	43-1	284	280	276	280	1.34	cps
Calcium	44-1	90247	91735	96951	92978	3.79	cps
Carbon	12-1	1340643	1333273	1346524	1340147	0.50	cps
Chlorine	35-1	78974	76050	76234	77086	2.12	cps
Chromium	52-1	4966	4796	5256	5006	4.65	cps
Cobalt	59-1	781	791	891	821	7.42	cps
Copper	63-1	4157	4421	4421	4333	3.51	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Erbium	164-1	17	17	17	17	0.00	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Holmium	165-1	1749930	1755990	1919773	1808565	5.33	cps
Indium	115-1	1358151	1316717	1520382	1398417	7.70	cps
Iron	54-1						cps
Iron	56-1	609400	613409	612685	611831	0.35	cps
Iron	57-1	22531	22571	21909	22337	1.66	cps
Krypton	83-1	267	260	277	268	3.13	cps
Lead	206-1	500	500	472	491	3.27	cps
Lead	207-1	411	444	422	426	3.98	cps
Lead	208-1	2111	2100	1911	2041	5.51	cps
Lithium	6-1	423983	420931	447651	430855	3.39	cps
Magnesium	24-1	20947	23919	20175	21681	9.12	cps
Manganese	55-1	13290	13140	13240	13223	0.58	cps
Molybdenum	94-1	242	225	225	231	4.17	cps
Molybdenum	95-1	500	342	267	369	32.26	cps
Molybdenum	96-1	508	375	458	447	15.06	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICB02	Instrumnet Name :	P8
Client Sample ID :	ICB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:09:25	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	300	250	217	256	16.41	cps
Molybdenum	98-1	583	533	358	492	24.03	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Nickel	60-1	1151	1041	881	1024	13.27	cps
Phosphorus	31-1	32801	32891	33724	33138	1.54	cps
Potassium	39-1	2817039	2833145	2837867	2829350	0.39	cps
Rhodium	103-1	1453820	1383509	1544322	1460550	5.52	cps
Scandium	45-1	918301	903071	992181	937851	5.08	cps
Selenium	82-1	73	96	83	84	13.94	cps
Selenium	77-1	31	25	28	28	10.65	cps
Selenium	78-1	27933	27828	28104	27955	0.50	cps
Silicon	28-1	423327	422781	421193	422434	0.26	cps
Silver	109-1	17	0	33	17	99.99	cps
Silver	107-1	42	92	25	53	65.74	cps
Sodium	23-1	1114438	1132771	1176514	1141241	2.79	cps
Strontium	86-1	608	542	517	556	8.53	cps
Strontium	88-1	2142	2284	2275	2234	3.56	cps
Sulfur	34-1	361034	360557	360730	360774	0.07	cps
Terbium	159-1	1819740	1824125	1961799	1868555	4.32	cps
Thallium	203-1	333	258	275	289	13.63	cps
Thallium	205-1	567	583	625	592	5.08	cps
Tin	118-1	283	300	250	278	9.16	cps
Titanium	47-1	367	433	417	406	8.56	cps
Uranium	238-1	0	175	25	67	141.98	cps
Vanadium	51-1	280	210	190	227	20.85	cps
Ytterbium	172-1	8	17	17	14	34.67	cps
Ytterbium	176-1	192	183	267	214	21.46	cps
Yttrium	89-1	2561721	2479536	2716067	2585775	4.64	cps
Zinc	66-1	310	310	320	314	1.84	cps
Zirconium	90-1	108	208	200	172	32.22	cps
Zirconium	91-1	17	67	25	36	74.18	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:13:09	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	186577281	186130914	187204518	186637571	0.29	cps
Antimony	121-1	1875	2100	2684	2220	18.80	cps
Arsenic	75-1	658	850	1058	856	23.38	cps
Barium	135-1	642	467	842	650	28.87	cps
Barium	137-1	1092	867	1384	1114	23.27	cps
Beryllium	9-1	168	172	214	185	13.80	cps
Bismuth	209-1	1213280	1208936	1225299	1215839	0.70	cps
Bromine	81-1	1251	1692	1412	1452	15.36	cps
Cadmium	106-1	567	558	492	539	7.63	cps
Cadmium	108-1	317	263	375	318	17.69	cps
Cadmium	111-1	558	661	603	607	8.50	cps
Calcium	43-1	393872	394969	394841	394561	0.15	cps
Calcium	44-1	6359656	6525632	6634957	6506748	2.13	cps
Carbon	12-1	4869586	5040446	5131680	5013904	2.65	cps
Chlorine	35-1	2267141	3194557	4050757	3170819	28.13	cps
Chromium	52-1	59202	57805	58679	58562	1.21	cps
Cobalt	59-1	4155	3975	4365	4165	4.69	cps
Copper	63-1	17180	17571	17948	17567	2.18	cps
Dysprosium	156-1	33	25	58	39	44.62	cps
Erbium	164-1	0	33	25	19	89.21	cps
Gadolinium	160-1	33	0	33	22	86.60	cps
Holmium	165-1	1901908	1857827	1888238	1882658	1.20	cps
Indium	115-1	1395061	1396497	1422885	1404814	1.12	cps
Iron	54-1						cps
Iron	56-1	281420771	282415195	283723003	282519656	0.41	cps
Iron	57-1	6843938	6833215	6798106	6825086	0.35	cps
Krypton	83-1	220	230	247	232	5.80	cps
Lead	206-1	5846	5929	6407	6061	5.00	cps
Lead	207-1	4645	4957	5412	5005	7.71	cps
Lead	208-1	22286	22675	25083	23348	6.49	cps
Lithium	6-1	436114	442997	444900	441337	1.05	cps
Magnesium	24-1	155395445	154378878	156101711	155292012	0.56	cps
Manganese	55-1	38019	36604	37889	37504	2.09	cps
Molybdenum	94-1	790793	792649	801577	795006	0.73	cps
Molybdenum	95-1	1430686	1445747	1453911	1443448	0.82	cps
Molybdenum	96-1	1525468	1556645	1567456	1549856	1.41	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICSA02	Instrumnet Name :	P8
Client Sample ID :	ICSA02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:13:09	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	869807	862497	879121	870475	0.96	cps
Molybdenum	98-1	2310691	2330785	2343049	2328175	0.70	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Nickel	60-1	4335	4455	5036	4609	8.13	cps
Phosphorus	31-1	11099168	11033689	11124823	11085893	0.42	cps
Potassium	39-1	192874338	195655959	195512776	194681024	0.80	cps
Rhodium	103-1	1402422	1398166	1494341	1431643	3.80	cps
Scandium	45-1	933869	939452	945294	939538	0.61	cps
Selenium	82-1	115	96	98	103	10.19	cps
Selenium	77-1	159	200	245	201	21.53	cps
Selenium	78-1	28078	28376	28471	28308	0.72	cps
Silicon	28-1	481419	493360	497609	490796	1.71	cps
Silver	109-1	67	67	734	289	133.26	cps
Silver	107-1	42	25	634	233	148.52	cps
Sodium	23-1	215943851	212862990	213386003	214064282	0.77	cps
Strontium	86-1	15768	14833	15067	15222	3.19	cps
Strontium	88-1	122929	127639	125427	125332	1.88	cps
Sulfur	34-1	961514	949384	941743	950880	1.05	cps
Terbium	159-1	1946571	1958963	1960932	1955488	0.40	cps
Thallium	203-1	333	508	683	508	34.43	cps
Thallium	205-1	917	908	1300	1042	21.49	cps
Tin	118-1	433	592	917	647	38.08	cps
Titanium	47-1	408095	411873	405130	408366	0.83	cps
Uranium	238-1	50	33	408	164	129.28	cps
Vanadium	51-1	731	641	941	771	19.99	cps
Ytterbium	172-1	50	0	25	25	100.00	cps
Ytterbium	176-1	175	183	133	164	16.34	cps
Yttrium	89-1	2613266	2706702	2623217	2647728	1.94	cps
Zinc	66-1	5787	6007	6038	5944	2.30	cps
Zirconium	90-1	142	225	283	217	32.86	cps
Zirconium	91-1	58	50	67	58	14.29	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:30:06	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	192897145	196732766	187840504	192490138	2.32	cps
Antimony	121-1	37318	37302	34887	36502	3.83	cps
Arsenic	75-1	11080	11772	10971	11274	3.85	cps
Barium	135-1	7677	7294	7177	7383	3.55	cps
Barium	137-1	12523	12289	11997	12270	2.15	cps
Beryllium	9-1	8269	8435	8145	8283	1.76	cps
Bismuth	209-1	1237690	1203528	1171831	1204350	2.73	cps
Bromine	81-1	1291	1562	1432	1428	9.47	cps
Cadmium	106-1	1317	1367	1633	1439	11.83	cps
Cadmium	108-1	1133	1067	917	1039	10.68	cps
Cadmium	111-1	8077	8317	8450	8281	2.29	cps
Calcium	43-1	408704	408820	398780	405435	1.42	cps
Calcium	44-1	6771414	6869787	6597859	6746353	2.04	cps
Carbon	12-1	4954776	5251181	5208175	5138044	3.12	cps
Chlorine	35-1	3375661	4629536	5514584	4506594	23.85	cps
Chromium	52-1	109517	109879	107419	108938	1.22	cps
Cobalt	59-1	63425	64139	62541	63368	1.26	cps
Copper	63-1	50279	50981	49864	50374	1.12	cps
Dysprosium	156-1	33	42	67	47	36.74	cps
Erbium	164-1	50	8	17	25	88.19	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Holmium	165-1	1949794	1903894	1864673	1906120	2.24	cps
Indium	115-1	1448021	1418087	1364516	1410208	3.00	cps
Iron	54-1						cps
Iron	56-1	296009429	296422362	282718629	291716807	2.67	cps
Iron	57-1	7012068	7014601	6722776	6916482	2.43	cps
Krypton	83-1	247	290	257	264	8.58	cps
Lead	206-1	33861	35092	32663	33872	3.59	cps
Lead	207-1	29161	28972	28588	28907	1.01	cps
Lead	208-1	133312	135728	129742	132927	2.27	cps
Lithium	6-1	453605	449017	443465	448695	1.13	cps
Magnesium	24-1	160690350	162236871	156058058	159661759	2.01	cps
Manganese	55-1	106693	108316	102045	105685	3.08	cps
Molybdenum	94-1	893115	889731	863349	882065	1.85	cps
Molybdenum	95-1	1538407	1540974	1477605	1518995	2.36	cps
Molybdenum	96-1	1641708	1618566	1606373	1622216	1.11	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	ICSAB02	Instrumnet Name :	P8
Client Sample ID :	ICSAB02	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:30:06	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	916660	912568	890761	906663	1.54	cps
Molybdenum	98-1	2481335	2437232	2402389	2440319	1.62	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Nickel	60-1	18090	18952	18261	18434	2.48	cps
Phosphorus	31-1	11552425	11586803	11305142	11481456	1.34	cps
Potassium	39-1	201840428	205938736	200676439	202818535	1.36	cps
Rhodium	103-1	1452096	1420169	1400039	1424101	1.84	cps
Scandium	45-1	984172	958213	937119	959835	2.46	cps
Selenium	82-1	641	617	644	634	2.33	cps
Selenium	77-1	618	776	748	714	11.81	cps
Selenium	78-1	30527	30767	30339	30545	0.70	cps
Silicon	28-1	535030	546584	545131	542248	1.16	cps
Silver	109-1	34535	34636	34360	34510	0.40	cps
Silver	107-1	36766	36307	34419	35830	3.47	cps
Sodium	23-1	219627540	223939857	216028476	219865291	1.80	cps
Strontium	86-1	40810	39983	39197	39997	2.02	cps
Strontium	88-1	343616	346331	333326	341091	2.01	cps
Sulfur	34-1	979700	968438	940626	962921	2.09	cps
Terbium	159-1	2029968	1921516	1898240	1949908	3.61	cps
Thallium	203-1	31196	30528	30654	30793	1.15	cps
Thallium	205-1	73634	72553	69838	72008	2.72	cps
Tin	118-1	66101	66520	63045	65222	2.91	cps
Titanium	47-1	431303	443057	416670	430343	3.07	cps
Uranium	238-1	249745	249734	242200	247226	1.76	cps
Vanadium	51-1	59323	60690	57443	59152	2.76	cps
Ytterbium	172-1	17	8	0	8	100.02	cps
Ytterbium	176-1	375	300	392	356	13.73	cps
Yttrium	89-1	2706258	2677147	2639466	2674290	1.25	cps
Zinc	66-1	16045	16226	14783	15685	5.01	cps
Zirconium	90-1	146496	145235	139039	143590	2.78	cps
Zirconium	91-1	32814	31603	30860	31759	3.11	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:33:25	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	103166193	103255635	104689466	103703764	0.82	cps
Antimony	121-1	900092	905348	907159	904200	0.41	cps
Arsenic	75-1	265832	266900	264898	265876	0.38	cps
Barium	135-1	826921	831194	845576	834564	1.17	cps
Barium	137-1	1514683	1490862	1496403	1500649	0.83	cps
Beryllium	9-1	210459	211037	209018	210171	0.49	cps
Bismuth	209-1	1257885	1241106	1276678	1258557	1.41	cps
Bromine	81-1	1402	1382	1341	1375	2.22	cps
Cadmium	106-1	20741	21901	21208	21284	2.74	cps
Cadmium	108-1	14812	15183	14808	14935	1.44	cps
Cadmium	111-1	200634	201420	203501	201852	0.73	cps
Calcium	43-1	1100295	1113550	1100104	1104649	0.70	cps
Calcium	44-1	17773218	18083071	17638151	17831480	1.28	cps
Carbon	12-1	1570876	1620275	1619226	1603459	1.76	cps
Chlorine	35-1	1580090	1485206	1371411	1478903	7.06	cps
Chromium	52-1	1446008	1440978	1438170	1441718	0.28	cps
Cobalt	59-1	1615080	1583711	1609547	1602779	1.04	cps
Copper	63-1	9145210	9255511	9309402	9236708	0.91	cps
Dysprosium	156-1	292	192	283	256	21.71	cps
Erbium	164-1	42	42	50	44	10.82	cps
Gadolinium	160-1	267	300	217	261	16.06	cps
Holmium	165-1	1979621	1974858	1967136	1973871	0.32	cps
Indium	115-1	1447831	1424262	1589927	1487340	6.03	cps
Iron	54-1						cps
Iron	56-1	374779777	378473460	376794812	376682683	0.49	cps
Iron	57-1	8960689	9011100	9109847	9027212	0.84	cps
Krypton	83-1	253	247	260	253	2.63	cps
Lead	206-1	3208228	3264047	3226013	3232763	0.88	cps
Lead	207-1	2793473	2791312	2770898	2785228	0.45	cps
Lead	208-1	12794589	12776011	12799520	12790040	0.10	cps
Lithium	6-1	452244	450474	455382	452700	0.55	cps
Magnesium	24-1	445299424	447866551	433746761	442304245	1.70	cps
Manganese	55-1	18242556	18009056	18102208	18117940	0.65	cps
Molybdenum	94-1	2726797	2771402	2745818	2748006	0.81	cps
Molybdenum	95-1	3998781	4014328	3982235	3998448	0.40	cps
Molybdenum	96-1	4378700	4401203	4335608	4371837	0.76	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:33:25	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2448095	2496640	2480026	2474920	1.00	cps
Molybdenum	98-1	6398372	6463706	6377596	6413225	0.70	cps
Neodymium	150-1	87	80	53	73	24.06	cps
Nickel	60-1	336817	337420	338402	337546	0.24	cps
Phosphorus	31-1	1290059	1276034	1284924	1283672	0.55	cps
Potassium	39-1	270113974	268677248	266131953	268307725	0.75	cps
Rhodium	103-1	1528162	1449395	1551534	1509697	3.54	cps
Scandium	45-1	997687	975214	995412	989438	1.25	cps
Selenium	82-1	14242	14289	14173	14235	0.41	cps
Selenium	77-1	11005	11218	11141	11121	0.97	cps
Selenium	78-1	64296	64109	64204	64203	0.15	cps
Silicon	28-1	5223810	5250542	5253898	5242750	0.31	cps
Silver	109-1	928029	920909	933777	927572	0.69	cps
Silver	107-1	950539	949002	951712	950418	0.14	cps
Sodium	23-1	560117838	570694995	568865045	566559293	1.00	cps
Strontium	86-1	5704215	5695333	5871423	5756990	1.72	cps
Strontium	88-1	48661833	49368956	49673330	49234707	1.05	cps
Sulfur	34-1	403184	415083	415704	411324	1.72	cps
Terbium	159-1	2069266	2033347	2087832	2063482	1.34	cps
Thallium	203-1	713056	700808	714246	709370	1.05	cps
Thallium	205-1	1767107	1803792	1781221	1784040	1.04	cps
Tin	118-1	590860	591206	587000	589689	0.40	cps
Titanium	47-1	1065948	1059078	1067277	1064101	0.41	cps
Uranium	238-1	2503326	2515766	2514138	2511077	0.27	cps
Vanadium	51-1	1626803	1682170	1619044	1642673	2.10	cps
Ytterbium	172-1	92	67	58	72	24.02	cps
Ytterbium	176-1	3492	3192	3276	3320	4.66	cps
Yttrium	89-1	2779036	2809660	2854396	2814364	1.35	cps
Zinc	66-1	2769875	2751003	2719888	2746922	0.92	cps
Zirconium	90-1	1336044	1359165	1328728	1341312	1.18	cps
Zirconium	91-1	293517	292593	295958	294023	0.59	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6942	5136	5036	5705	18.80	cps
Antimony	121-1	158	267	167	197	30.57	cps
Arsenic	75-1	175	250	192	206	19.16	cps
Barium	135-1	67	100	108	92	24.05	cps
Barium	137-1	125	117	142	128	9.96	cps
Beryllium	9-1	48	74	52	58	24.14	cps
Bismuth	209-1	1227497	1303267	1228952	1253239	3.46	cps
Bromine	81-1	1231	1241	1392	1288	6.97	cps
Cadmium	106-1	567	608	508	561	8.95	cps
Cadmium	108-1	25	25	13	21	34.64	cps
Cadmium	111-1	417	446	393	418	6.33	cps
Calcium	43-1	317	296	292	302	4.46	cps
Calcium	44-1	95774	95305	94243	95108	0.82	cps
Carbon	12-1	1355089	1348550	1339293	1347644	0.59	cps
Chlorine	35-1	766423	735451	716638	739504	3.40	cps
Chromium	52-1	5537	5397	5106	5347	4.11	cps
Cobalt	59-1	561	531	701	597	15.21	cps
Copper	63-1	4874	4664	4761	4766	2.21	cps
Dysprosium	156-1	92	8	8	36	133.25	cps
Erbium	164-1	25	25	25	25	0.00	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Holmium	165-1	1877676	1961543	1873499	1904239	2.61	cps
Indium	115-1	1453091	1578134	1436697	1489307	5.19	cps
Iron	54-1						cps
Iron	56-1	729381	721888	724279	725182	0.53	cps
Iron	57-1	21759	22230	22019	22003	1.07	cps
Krypton	83-1	247	230	263	247	6.76	cps
Lead	206-1	539	661	556	585	11.33	cps
Lead	207-1	572	461	533	522	10.80	cps
Lead	208-1	2311	2122	2289	2241	4.61	cps
Lithium	6-1	449708	467754	447490	454984	2.44	cps
Magnesium	24-1	31915	26062	23002	26993	16.78	cps
Manganese	55-1	13029	12278	12649	12652	2.97	cps
Molybdenum	94-1	175	100	167	147	27.92	cps
Molybdenum	95-1	200	175	192	189	6.74	cps
Molybdenum	96-1	358	167	233	253	38.49	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	167	117	183	156	22.30	cps
Molybdenum	98-1	333	200	292	275	24.80	cps
Neodymium	150-1	47	7	7	20	115.45	cps
Nickel	60-1	711	751	881	781	11.40	cps
Phosphorus	31-1	32078	32600	32891	32523	1.27	cps
Potassium	39-1	2921130	2931308	2915739	2922726	0.27	cps
Rhodium	103-1	1520880	1610045	1503410	1544778	3.70	cps
Scandium	45-1	973735	1027503	969277	990172	3.27	cps
Selenium	82-1	113	103	93	103	9.86	cps
Selenium	77-1	76	65	81	74	11.50	cps
Selenium	78-1	29056	29227	29348	29210	0.50	cps
Silicon	28-1	420431	420521	417553	419502	0.40	cps
Silver	109-1	17	33	83	44	78.07	cps
Silver	107-1	58	58	17	44	54.12	cps
Sodium	23-1	1177875	1144513	1157086	1159825	1.45	cps
Strontium	86-1	658	683	675	672	1.89	cps
Strontium	88-1	2450	2150	2209	2270	7.01	cps
Sulfur	34-1	362522	363527	366759	364269	0.61	cps
Terbium	159-1	1972887	2045996	1913375	1977419	3.36	cps
Thallium	203-1	383	417	392	397	4.37	cps
Thallium	205-1	858	933	858	883	4.90	cps
Tin	118-1	250	333	267	283	15.56	cps
Titanium	47-1	467	517	433	472	8.88	cps
Uranium	238-1	8	42	58	36	70.51	cps
Vanadium	51-1	631	470	551	551	14.55	cps
Ytterbium	172-1	8	8	17	11	43.34	cps
Ytterbium	176-1	225	267	208	233	12.88	cps
Yttrium	89-1	2738478	2852801	2738181	2776487	2.38	cps
Zinc	66-1	350	360	340	350	2.86	cps
Zirconium	90-1	100	133	217	150	40.06	cps
Zirconium	91-1	42	58	25	42	40.00	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:44:44	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	43991	44845	45567	44801	1.76	cps
Antimony	121-1	3434	3451	3609	3498	2.76	cps
Arsenic	75-1	717	867	767	783	9.75	cps
Barium	135-1	3351	3034	3342	3242	5.57	cps
Barium	137-1	5351	5068	5985	5468	8.59	cps
Beryllium	9-1	484	454	460	466	3.41	cps
Bismuth	209-1	1167534	1227828	1135060	1176807	4.00	cps
Bromine	81-1	1141	1361	1261	1255	8.79	cps
Cadmium	106-1	592	600	617	603	2.11	cps
Cadmium	108-1	17	38	67	40	62.35	cps
Cadmium	111-1	915	906	814	879	6.36	cps
Calcium	43-1	2210	2360	2287	2286	3.28	cps
Calcium	44-1	128511	128877	129488	128959	0.38	cps
Carbon	12-1	1444900	1423556	1416113	1428190	1.05	cps
Chlorine	35-1	471898	467299	460759	466652	1.20	cps
Chromium	52-1	10384	11326	11126	10945	4.53	cps
Cobalt	59-1	3674	3644	3794	3704	2.15	cps
Copper	63-1	7736	7932	7969	7879	1.59	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Erbium	164-1	17	0	8	8	100.02	cps
Gadolinium	160-1	8	8	8	8	0.00	cps
Holmium	165-1	1791752	1822524	1703773	1772683	3.48	cps
Indium	115-1	1380510	1448335	1324111	1384319	4.49	cps
Iron	54-1						cps
Iron	56-1	873508	881394	884886	879929	0.66	cps
Iron	57-1	26462	26060	25168	25897	2.56	cps
Krypton	83-1	267	303	233	268	13.08	cps
Lead	206-1	1578	1561	1506	1548	2.44	cps
Lead	207-1	1306	1433	1339	1359	4.88	cps
Lead	208-1	6045	6356	5923	6108	3.66	cps
Lithium	6-1	433096	450669	421981	435249	3.32	cps
Magnesium	24-1	835172	853487	873936	854199	2.27	cps
Manganese	55-1	16376	16607	16266	16416	1.06	cps
Molybdenum	94-1	2992	3150	3100	3081	2.63	cps
Molybdenum	95-1	3559	3976	4084	3873	7.16	cps
Molybdenum	96-1	4476	4309	4067	4284	4.79	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 13:44:44	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2484	2417	2384	2428	2.10	cps
Molybdenum	98-1	5868	5843	5993	5901	1.36	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Nickel	60-1	1632	1642	1351	1542	10.69	cps
Phosphorus	31-1	34285	35430	34777	34831	1.65	cps
Potassium	39-1	3850581	3938788	3910365	3899912	1.15	cps
Rhodium	103-1	1420992	1540575	1396725	1452764	5.30	cps
Scandium	45-1	948087	984141	913073	948434	3.75	cps
Selenium	82-1	242	205	243	230	9.46	cps
Selenium	77-1	173	173	153	166	6.72	cps
Selenium	78-1	30161	29673	29631	29822	0.99	cps
Silicon	28-1	429826	428167	425398	427797	0.52	cps
Silver	109-1	1842	1767	1875	1828	3.04	cps
Silver	107-1	1625	1633	2034	1764	13.23	cps
Sodium	23-1	2190664	2172412	2239760	2200945	1.58	cps
Strontium	86-1	1100	842	1208	1050	17.94	cps
Strontium	88-1	5618	6118	5651	5796	4.83	cps
Sulfur	34-1	368366	371643	373478	371163	0.70	cps
Terbium	159-1	1881166	1965989	1768976	1872044	5.28	cps
Thallium	203-1	1458	1525	1567	1517	3.60	cps
Thallium	205-1	3542	3701	3459	3567	3.44	cps
Tin	118-1	5426	6018	5568	5671	5.45	cps
Titanium	47-1	1300	1350	1442	1364	5.27	cps
Uranium	238-1	4359	4609	4468	4479	2.80	cps
Vanadium	51-1	15033	15334	16106	15491	3.57	cps
Ytterbium	172-1	50	17	0	22	114.56	cps
Ytterbium	176-1	183	200	133	172	20.15	cps
Yttrium	89-1	2600076	2744333	2512676	2619028	4.47	cps
Zinc	66-1	1782	1672	1522	1658	7.88	cps
Zirconium	90-1	2359	2509	2367	2411	3.50	cps
Zirconium	91-1	408	525	608	514	19.55	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	O3587-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:01:15	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	1475318	1486307	1483172	1481599	0.38	cps
Antimony	121-1	76582	76070	76958	76536	0.58	cps
Arsenic	75-1	18237	18754	18329	18440	1.50	cps
Barium	135-1	462686	472724	469933	468448	1.11	cps
Barium	137-1	798465	814316	805470	806084	0.99	cps
Beryllium	9-1	6678	6464	6474	6539	1.85	cps
Bismuth	209-1	1258648	1264025	1241817	1254830	0.92	cps
Bromine	81-1	1071	1261	1211	1181	8.35	cps
Cadmium	106-1	1317	1408	1367	1364	3.37	cps
Cadmium	108-1	650	504	604	586	12.72	cps
Cadmium	111-1	8486	8431	8578	8498	0.87	cps
Calcium	43-1	417	494	456	456	8.36	cps
Calcium	44-1	93954	92273	91873	92700	1.19	cps
Carbon	12-1	1582508	1601046	1609196	1597583	0.86	cps
Chlorine	35-1	251430	249283	247597	249437	0.77	cps
Chromium	52-1	380230	381045	379937	380404	0.15	cps
Cobalt	59-1	751	611	651	671	10.76	cps
Copper	63-1	2620477	2711095	2628853	2653475	1.89	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	33	0	8	14	124.91	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Holmium	165-1	1892066	1913795	1922455	1909438	0.82	cps
Indium	115-1	1490982	1476907	1460945	1476278	1.02	cps
Iron	54-1						cps
Iron	56-1	3248470	3262953	3235321	3248914	0.43	cps
Iron	57-1	76914	78293	76844	77350	1.06	cps
Krypton	83-1	250	253	243	249	2.05	cps
Lead	206-1	73870	75172	71390	73478	2.61	cps
Lead	207-1	62511	63170	63393	63025	0.73	cps
Lead	208-1	290594	295512	288193	291433	1.28	cps
Lithium	6-1	456259	451565	453638	453821	0.52	cps
Magnesium	24-1	20295	19383	18551	19410	4.49	cps
Manganese	55-1	1916052	1979879	1934448	1943460	1.69	cps
Molybdenum	94-1	32363	31720	30919	31667	2.29	cps
Molybdenum	95-1	56290	56632	56900	56608	0.54	cps
Molybdenum	96-1	60432	59938	61645	60672	1.45	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	O3587-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:01:15	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	35103	33433	34920	34485	2.66	cps
Molybdenum	98-1	89941	90797	90939	90559	0.60	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Nickel	60-1	319461	329926	322539	323975	1.66	cps
Phosphorus	31-1	31557	31787	33934	32426	4.04	cps
Potassium	39-1	2869163	2861175	2844858	2858399	0.43	cps
Rhodium	103-1	1601017	1595740	1551950	1582902	1.70	cps
Scandium	45-1	1015081	1010115	1017089	1014095	0.35	cps
Selenium	82-1	1164	1157	1151	1158	0.58	cps
Selenium	77-1	896	903	890	896	0.71	cps
Selenium	78-1	32719	32766	32718	32735	0.08	cps
Silicon	28-1	548443	549790	551871	550035	0.31	cps
Silver	109-1	183307	183408	182024	182913	0.42	cps
Silver	107-1	190148	190848	187596	189531	0.90	cps
Sodium	23-1	1094342	1092593	1075495	1087477	0.96	cps
Strontium	86-1	608	592	575	592	2.82	cps
Strontium	88-1	2034	1942	2042	2006	2.77	cps
Sulfur	34-1	373228	362973	364495	366899	1.51	cps
Terbium	159-1	2016198	1999995	1976084	1997426	1.01	cps
Thallium	203-1	10963	11380	11005	11116	2.07	cps
Thallium	205-1	26870	26118	24983	25990	3.66	cps
Tin	118-1	283	250	167	233	25.76	cps
Titanium	47-1	375	367	367	369	1.30	cps
Uranium	238-1	0	17	0	6	173.21	cps
Vanadium	51-1	305272	301808	303455	303512	0.57	cps
Ytterbium	172-1	8	8	17	11	43.34	cps
Ytterbium	176-1	183	217	300	233	25.75	cps
Yttrium	89-1	2804331	2823328	2803772	2810477	0.40	cps
Zinc	66-1	594343	605399	594036	597926	1.08	cps
Zirconium	90-1	217	367	250	278	28.35	cps
Zirconium	91-1	25	25	58	36	53.30	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	PB154413BL	Instrumnet Name :	P8
Client Sample ID :	PB154413BL	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:07:03	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4966	5056	5096	5039	1.32	cps
Antimony	121-1	92	50	100	81	33.25	cps
Arsenic	75-1	125	117	133	125	6.67	cps
Barium	135-1	92	50	108	83	36.06	cps
Barium	137-1	142	133	117	131	9.75	cps
Beryllium	9-1	46	48	54	49	8.44	cps
Bismuth	209-1	1237320	1287809	1222614	1249248	2.74	cps
Bromine	81-1	1422	1181	1221	1275	10.10	cps
Cadmium	106-1	575	583	542	567	3.89	cps
Cadmium	108-1	33	21	25	26	24.12	cps
Cadmium	111-1	408	406	383	399	3.60	cps
Calcium	43-1	354	369	377	367	3.28	cps
Calcium	44-1	92099	93272	92626	92666	0.63	cps
Carbon	12-1	1357432	1391320	1373058	1373937	1.23	cps
Chlorine	35-1	216415	213322	214952	214896	0.72	cps
Chromium	52-1	4916	5407	5577	5300	6.48	cps
Cobalt	59-1	410	551	801	587	33.68	cps
Copper	63-1	4794	4391	4417	4534	4.98	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Erbium	164-1	17	25	25	22	21.64	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Holmium	165-1	1850714	1984995	1867885	1901198	3.84	cps
Indium	115-1	1475601	1616581	1443103	1511762	6.10	cps
Iron	54-1						cps
Iron	56-1	716634	715888	717449	716657	0.11	cps
Iron	57-1	21488	22270	21689	21816	1.86	cps
Krypton	83-1	230	283	333	282	18.31	cps
Lead	206-1	356	444	350	383	13.83	cps
Lead	207-1	422	244	350	339	26.38	cps
Lead	208-1	1595	1406	1461	1487	6.53	cps
Lithium	6-1	459000	467632	452270	459634	1.68	cps
Magnesium	24-1	20315	23484	24085	22628	8.95	cps
Manganese	55-1	12338	12729	12208	12425	2.18	cps
Molybdenum	94-1	83	67	75	75	11.11	cps
Molybdenum	95-1	67	17	17	33	86.59	cps
Molybdenum	96-1	133	117	50	100	44.10	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	PB154413BL	Instrumnet Name :	P8
Client Sample ID :	PB154413BL	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:07:03	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	0	17	17	11	86.60	cps
Molybdenum	98-1	67	50	25	47	44.41	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Nickel	60-1	961	641	701	767	22.19	cps
Phosphorus	31-1	33092	33664	32510	33088	1.74	cps
Potassium	39-1	2832057	2841828	2837618	2837168	0.17	cps
Rhodium	103-1	1579076	1649848	1556403	1595109	3.06	cps
Scandium	45-1	1008994	1039461	991324	1013260	2.40	cps
Selenium	82-1	132	92	66	96	34.31	cps
Selenium	77-1	32	38	39	36	10.14	cps
Selenium	78-1	29971	30087	29882	29980	0.34	cps
Silicon	28-1	427730	426187	427872	427263	0.22	cps
Silver	109-1	75	42	8	42	80.00	cps
Silver	107-1	75	42	58	58	28.57	cps
Sodium	23-1	991871	985128	984613	987204	0.41	cps
Strontium	86-1	642	617	558	606	7.06	cps
Strontium	88-1	2209	2142	2067	2139	3.31	cps
Sulfur	34-1	363740	368157	364000	365299	0.68	cps
Terbium	159-1	1979111	2054619	1940407	1991379	2.92	cps
Thallium	203-1	133	150	175	153	13.73	cps
Thallium	205-1	400	400	317	372	12.93	cps
Tin	118-1	250	217	217	228	8.45	cps
Titanium	47-1	308	350	317	325	6.78	cps
Uranium	238-1	17	33	8	19	65.47	cps
Vanadium	51-1	300	230	220	250	17.44	cps
Ytterbium	172-1	25	8	25	19	49.50	cps
Ytterbium	176-1	150	117	158	142	15.56	cps
Yttrium	89-1	2809249	2929427	2739909	2826195	3.39	cps
Zinc	66-1	410	270	280	320	24.41	cps
Zirconium	90-1	175	58	117	117	50.00	cps
Zirconium	91-1	42	42	58	47	20.38	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	PB154413BS	Instrumnet Name :	P8
Client Sample ID :	PB154413BS	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:09:57	DataFile Name :	029LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	21292024	21636047	21567200	21498424	0.85	cps
Antimony	121-1	926691	935861	935244	932599	0.55	cps
Arsenic	75-1	272605	275225	273565	273798	0.48	cps
Barium	135-1	846327	862898	855595	854940	0.97	cps
Barium	137-1	1518887	1557935	1489335	1522052	2.26	cps
Beryllium	9-1	210582	214887	213390	212953	1.03	cps
Bismuth	209-1	1471771	1232383	1197780	1300645	11.47	cps
Bromine	81-1	1091	1051	1211	1118	7.46	cps
Cadmium	106-1	22260	22377	21926	22188	1.05	cps
Cadmium	108-1	15371	14954	15576	15300	2.07	cps
Cadmium	111-1	209897	212529	209486	210637	0.78	cps
Calcium	43-1	246534	247669	248556	247586	0.41	cps
Calcium	44-1	3910669	3871019	3887340	3889676	0.51	cps
Carbon	12-1	1498716	1494055	1512675	1501816	0.65	cps
Chlorine	35-1	217202	213328	209109	213213	1.90	cps
Chromium	52-1	1482406	1464152	1484130	1476896	0.75	cps
Cobalt	59-1	1655086	1660878	1685002	1666988	0.95	cps
Copper	63-1	9366120	9514073	9449869	9443354	0.79	cps
Dysprosium	156-1	75	92	58	75	22.23	cps
Erbium	164-1	33	33	50	39	24.75	cps
Gadolinium	160-1	42	100	8	50	92.80	cps
Holmium	165-1	2080406	1909221	1851066	1946898	6.12	cps
Indium	115-1	1714854	1436650	1495106	1548870	9.47	cps
Iron	54-1						cps
Iron	56-1	80122292	79061258	79231344	79471631	0.72	cps
Iron	57-1	1954420	1954748	1956704	1955291	0.06	cps
Krypton	83-1	243	280	230	251	10.31	cps
Lead	206-1	3209301	3335048	3305757	3283369	2.00	cps
Lead	207-1	2826443	2876408	2912443	2871765	1.50	cps
Lead	208-1	12886689	13178378	13249120	13104729	1.47	cps
Lithium	6-1	485474	446234	436792	456167	5.66	cps
Magnesium	24-1	91870037	92662684	93355234	92629319	0.80	cps
Manganese	55-1	18794743	18609604	18616848	18673732	0.56	cps
Molybdenum	94-1	2728948	2826234	2878693	2811291	2.70	cps
Molybdenum	95-1	4053106	4102984	4151493	4102528	1.20	cps
Molybdenum	96-1	4443582	4482431	4512158	4479390	0.77	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	PB154413BS	Instrumnet Name :	P8
Client Sample ID :	PB154413BS	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:09:57	DataFile Name :	029LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2533614	2514791	2516247	2521551	0.42	cps
Molybdenum	98-1	6610066	6598289	6437066	6548473	1.48	cps
Neodymium	150-1	87	47	67	67	30.00	cps
Nickel	60-1	350614	357395	360832	356280	1.46	cps
Phosphorus	31-1	1298763	1304595	1315463	1306274	0.65	cps
Potassium	39-1	58090729	58045163	58917031	58350974	0.84	cps
Rhodium	103-1	1699065	1530295	1481735	1570365	7.26	cps
Scandium	45-1	1147600	971773	950091	1023155	10.59	cps
Selenium	82-1	14743	14803	14715	14754	0.31	cps
Selenium	77-1	11228	11363	11437	11343	0.93	cps
Selenium	78-1	65669	66123	64991	65594	0.87	cps
Silicon	28-1	4636713	4686133	4727006	4683284	0.97	cps
Silver	109-1	957616	976728	961094	965146	1.05	cps
Silver	107-1	1007509	1006004	997196	1003569	0.56	cps
Sodium	23-1	121127301	121205599	120980914	121104605	0.09	cps
Strontium	86-1	5731840	5797739	5810758	5780112	0.73	cps
Strontium	88-1	50826937	49854310	50811833	50497693	1.10	cps
Sulfur	34-1	426843	423661	415965	422156	1.32	cps
Terbium	159-1	2181336	1977382	1909808	2022842	6.99	cps
Thallium	203-1	717282	726924	725780	723329	0.73	cps
Thallium	205-1	1763975	1807331	1835609	1802305	2.00	cps
Tin	118-1	605705	613017	607993	608905	0.61	cps
Titanium	47-1	1098660	1110917	1094437	1101338	0.78	cps
Uranium	238-1	2410595	2472871	2531917	2471794	2.45	cps
Vanadium	51-1	1646173	1640839	1645272	1644095	0.17	cps
Ytterbium	172-1	58	25	17	33	66.13	cps
Ytterbium	176-1	3284	3559	3300	3381	4.56	cps
Yttrium	89-1	3136216	2756290	2681324	2857943	8.53	cps
Zinc	66-1	2727569	2710850	2778675	2739032	1.29	cps
Zirconium	90-1	1402500	1407625	1347051	1385725	2.42	cps
Zirconium	91-1	297582	298163	300663	298803	0.55	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:12:52	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	101122254	102852146	103051998	102342133	1.04	cps
Antimony	121-1	890629	874886	898798	888104	1.37	cps
Arsenic	75-1	260526	260287	265016	261943	1.02	cps
Barium	135-1	818955	824616	837500	827024	1.15	cps
Barium	137-1	1408117	1427981	1456591	1430896	1.70	cps
Beryllium	9-1	204116	207999	207937	206684	1.08	cps
Bismuth	209-1	1186289	1211648	1222834	1206924	1.55	cps
Bromine	81-1	1011	1231	1201	1148	10.40	cps
Cadmium	106-1	20290	20257	20891	20480	1.74	cps
Cadmium	108-1	14383	14787	14867	14679	1.77	cps
Cadmium	111-1	197443	196219	198352	197338	0.54	cps
Calcium	43-1	1079088	1075284	1090650	1081674	0.74	cps
Calcium	44-1	17279870	17347406	17844239	17490505	1.76	cps
Carbon	12-1	1567508	1617989	1630044	1605181	2.07	cps
Chlorine	35-1	196097	192872	191554	193508	1.21	cps
Chromium	52-1	1422752	1369732	1429801	1407428	2.33	cps
Cobalt	59-1	1539482	1571648	1603775	1571635	2.05	cps
Copper	63-1	9201192	9039466	9142898	9127852	0.90	cps
Dysprosium	156-1	208	233	158	200	19.09	cps
Erbium	164-1	33	50	33	39	24.75	cps
Gadolinium	160-1	217	283	242	247	13.62	cps
Holmium	165-1	1825855	1879168	1939300	1881441	3.02	cps
Indium	115-1	1373115	1396931	1414238	1394761	1.48	cps
Iron	54-1						cps
Iron	56-1	367366744	371209226	375080297	371218756	1.04	cps
Iron	57-1	8882129	8812775	8905257	8866720	0.54	cps
Krypton	83-1	217	237	207	220	6.94	cps
Lead	206-1	3082461	3181084	3188575	3150707	1.88	cps
Lead	207-1	2686980	2769267	2743646	2733298	1.54	cps
Lead	208-1	12370097	12586608	12678298	12545001	1.26	cps
Lithium	6-1	426719	432170	437229	432039	1.22	cps
Magnesium	24-1	426734570	430602948	438686081	432007866	1.41	cps
Manganese	55-1	17721607	17543741	17898355	17721234	1.00	cps
Molybdenum	94-1	2697756	2696880	2770064	2721566	1.54	cps
Molybdenum	95-1	3874004	3927540	4068443	3956662	2.54	cps
Molybdenum	96-1	4253116	4290992	4370762	4304957	1.39	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:12:52	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2408801	2443757	2449423	2433994	0.90	cps
Molybdenum	98-1	6310768	6266941	6312246	6296652	0.41	cps
Neodymium	150-1	80	40	60	60	33.33	cps
Nickel	60-1	332713	330651	338572	333979	1.23	cps
Phosphorus	31-1	1280171	1255033	1294204	1276469	1.55	cps
Potassium	39-1	260449450	262075136	267509440	263344675	1.40	cps
Rhodium	103-1	1399808	1477637	1422582	1433343	2.79	cps
Scandium	45-1	961385	965351	973301	966679	0.63	cps
Selenium	82-1	13833	13813	14221	13956	1.65	cps
Selenium	77-1	10829	10803	11062	10898	1.30	cps
Selenium	78-1	63055	63066	64132	63418	0.98	cps
Silicon	28-1	5102031	5093343	5211088	5135487	1.28	cps
Silver	109-1	893364	905782	920105	906417	1.48	cps
Silver	107-1	930867	930993	937104	932988	0.38	cps
Sodium	23-1	551101602	560788829	569679980	560523470	1.66	cps
Strontium	86-1	5531740	5504114	5633818	5556557	1.23	cps
Strontium	88-1	47891354	47846964	48678828	48139049	0.97	cps
Sulfur	34-1	420411	419819	418559	419597	0.23	cps
Terbium	159-1	1969080	2001481	2039954	2003505	1.77	cps
Thallium	203-1	679617	683685	698998	687433	1.49	cps
Thallium	205-1	1719837	1740552	1749376	1736588	0.87	cps
Tin	118-1	567078	572385	588260	575908	1.91	cps
Titanium	47-1	1047609	1044125	1069848	1053861	1.32	cps
Uranium	238-1	2424980	2457456	2452293	2444910	0.71	cps
Vanadium	51-1	1616178	1561954	1616486	1598206	1.96	cps
Ytterbium	172-1	58	50	42	50	16.66	cps
Ytterbium	176-1	3009	3376	3050	3145	6.39	cps
Yttrium	89-1	2673430	2666637	2741027	2693698	1.53	cps
Zinc	66-1	2702491	2677684	2703644	2694606	0.54	cps
Zirconium	90-1	1287358	1302073	1334790	1308074	1.86	cps
Zirconium	91-1	286693	287351	292780	288941	1.16	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:21:08	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4505	4646	4215	4455	4.93	cps
Antimony	121-1	67	125	258	150	65.50	cps
Arsenic	75-1	58	100	117	92	32.77	cps
Barium	135-1	92	92	50	78	30.93	cps
Barium	137-1	150	158	75	128	35.92	cps
Beryllium	9-1	56	50	66	57	14.10	cps
Bismuth	209-1	1221944	1208981	1172389	1201105	2.14	cps
Bromine	81-1	1031	1271	1191	1165	10.50	cps
Cadmium	106-1	658	525	467	550	17.86	cps
Cadmium	108-1	21	25	38	28	31.23	cps
Cadmium	111-1	475	388	346	403	16.37	cps
Calcium	43-1	260	289	280	276	5.34	cps
Calcium	44-1	64989	64541	63735	64422	0.99	cps
Carbon	12-1	1310327	1345572	1330719	1328873	1.33	cps
Chlorine	35-1	162175	161307	157137	160206	1.68	cps
Chromium	52-1	5216	5367	5156	5246	2.07	cps
Cobalt	59-1	561	410	511	494	15.48	cps
Copper	63-1	3554	3580	3691	3608	2.01	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Erbium	164-1	25	8	0	11	114.58	cps
Gadolinium	160-1	25	8	33	22	57.29	cps
Holmium	165-1	1863786	1840176	1772372	1825445	2.60	cps
Indium	115-1	1407647	1408612	1369738	1395332	1.59	cps
Iron	54-1						cps
Iron	56-1	724423	730520	716160	723701	1.00	cps
Iron	57-1	21598	22390	21739	21909	1.93	cps
Krypton	83-1	247	227	257	243	6.28	cps
Lead	206-1	428	417	494	446	9.43	cps
Lead	207-1	367	361	333	354	5.05	cps
Lead	208-1	1728	1606	1889	1741	8.16	cps
Lithium	6-1	430554	429243	416971	425590	1.76	cps
Magnesium	24-1	17118	17398	18270	17595	3.42	cps
Manganese	55-1	12158	12318	11857	12111	1.93	cps
Molybdenum	94-1	100	42	100	81	41.81	cps
Molybdenum	95-1	83	125	108	106	19.86	cps
Molybdenum	96-1	242	283	142	222	32.76	cps

LB Number :	LB126885	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-08-15 14:21:08	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	58	33	83	58	42.87	cps
Molybdenum	98-1	133	175	83	131	35.15	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Nickel	60-1	521	601	491	537	10.60	cps
Phosphorus	31-1	32731	32560	32820	32704	0.40	cps
Potassium	39-1	2808290	2801876	2802283	2804150	0.13	cps
Rhodium	103-1	1434936	1438163	1387872	1420324	1.98	cps
Scandium	45-1	958804	952545	919524	943624	2.24	cps
Selenium	82-1	97	125	85	102	19.84	cps
Selenium	77-1	32	33	30	32	5.27	cps
Selenium	78-1	29391	29170	29095	29219	0.53	cps
Silicon	28-1	422355	421507	421427	421763	0.12	cps
Silver	109-1	33	33	17	28	34.63	cps
Silver	107-1	8	33	33	25	57.74	cps
Sodium	23-1	912086	904431	897408	904642	0.81	cps
Strontium	86-1	683	725	642	683	6.10	cps
Strontium	88-1	1842	2025	1633	1834	10.69	cps
Sulfur	34-1	374091	374629	368834	372518	0.86	cps
Terbium	159-1	1930432	1936227	1861411	1909357	2.18	cps
Thallium	203-1	192	275	250	239	17.90	cps
Thallium	205-1	692	600	375	556	29.33	cps
Tin	118-1	250	275	133	219	34.46	cps
Titanium	47-1	267	150	250	222	28.39	cps
Uranium	238-1	0	8	0	3	173.21	cps
Vanadium	51-1	350	180	300	277	31.58	cps
Ytterbium	172-1	8	17	0	8	100.02	cps
Ytterbium	176-1	150	225	183	186	20.19	cps
Yttrium	89-1	2708889	2670930	2594056	2657958	2.20	cps
Zinc	66-1	340	320	360	340	5.88	cps
Zirconium	90-1	67	100	167	111	45.83	cps
Zirconium	91-1	8	83	58	50	76.38	cps