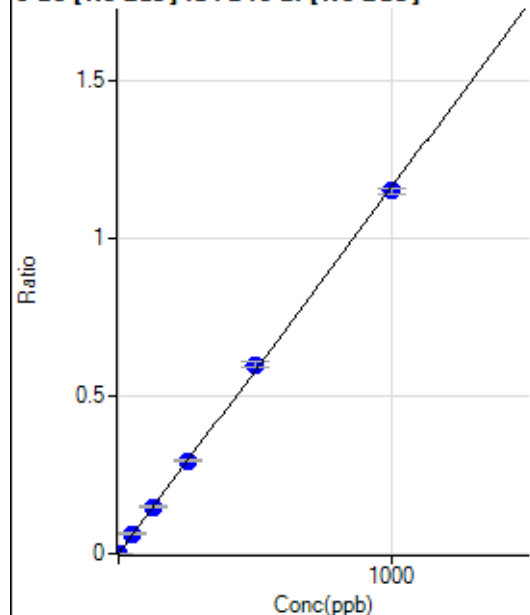


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7030122-MS.b\
Analysis File: P7030122-MS.batch.bin
DA Date-Time: 2022-03-01 18:43:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-03-01 16:45:58
2	004CALS.d	S02	2022-03-01 16:48:43
3	006CALS.d	S03	2022-03-01 16:54:13
4	007CALS.d	S04	2022-03-01 16:56:57
5	008CALS.d	S05	2022-03-01 16:59:43
6	009CALS.d	S06	2022-03-01 17:02:27
7	010CALS.d	S07	2022-03-01 17:05:14
8	011CALS.d	S08	2022-03-01 17:07:59

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.11	0.0003	P	1.7
2	☐	1.000	1.025	1051.16	0.0015	P	7.1
3	☐	50.000	53.340	42395.53	0.0624	P	8.5
4	☐	125.000	128.357	106077.43	0.1496	P	1.1
5	☐	250.000	253.359	212141.90	0.2951	P	2.0
6	☐	500.000	516.381	428193.13	0.6011	P	2.8
7	☐	1000.000	990.383	860216.62	1.1525	P	1.9
8	☐			554.46	0.0008	P	12.6

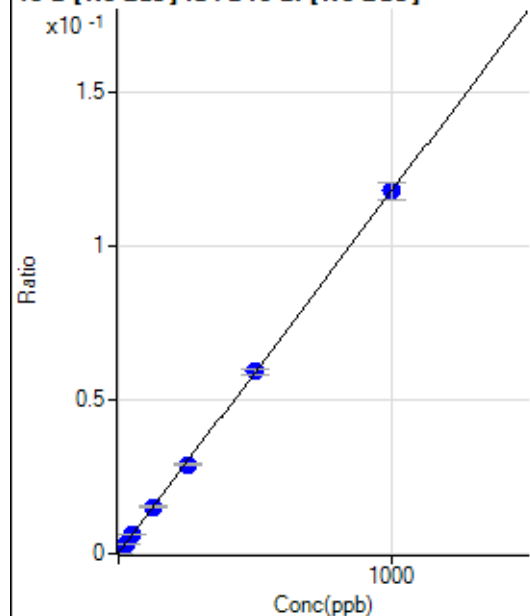
$$y = 0.0012 * x + 2.9696E-004$$

$$R = 0.9998$$

$$DL = 0.01299$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.11	0.0002	P	24.9
2	☐	25.000	22.943	2064.07	0.0029	P	5.2
3	☐	50.000	51.416	4278.48	0.0063	P	4.0
4	☐	125.000	126.875	10734.50	0.0151	P	5.3
5	☐	250.000	244.712	20839.44	0.0290	P	3.5
6	☐	500.000	500.606	42119.11	0.0590	P	2.8
7	☐	1000.000	1000.765	87960.93	0.1178	P	4.7
8	☐			4809.19	0.0066	P	14.7

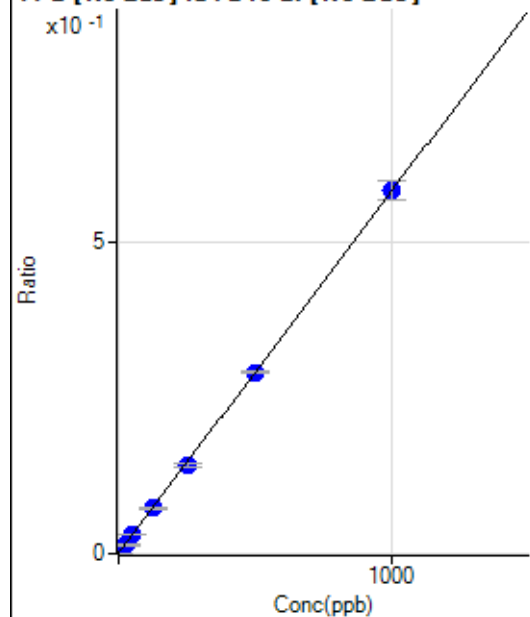
$$y = 1.1750E-004 * x + 2.2677E-004$$

$$R = 1.0000$$

$$DL = 1.44$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	650.03	0.0009	P	6.4
2	☐	25.000	23.372	10198.04	0.0145	P	10.6
3	☐	50.000	50.389	20536.25	0.0301	P	2.0
4	☐	125.000	125.000	52013.02	0.0733	P	4.0
5	☐	250.000	244.318	102443.69	0.1425	P	5.3
6	☐	500.000	499.889	207181.11	0.2905	P	1.6
7	☐	1000.000	1001.497	433908.75	0.5811	P	5.4
8	☐			22400.30	0.0307	P	16.8

$$y = 5.7936E-004 * x + 9.1412E-004$$

$$R = 1.0000$$

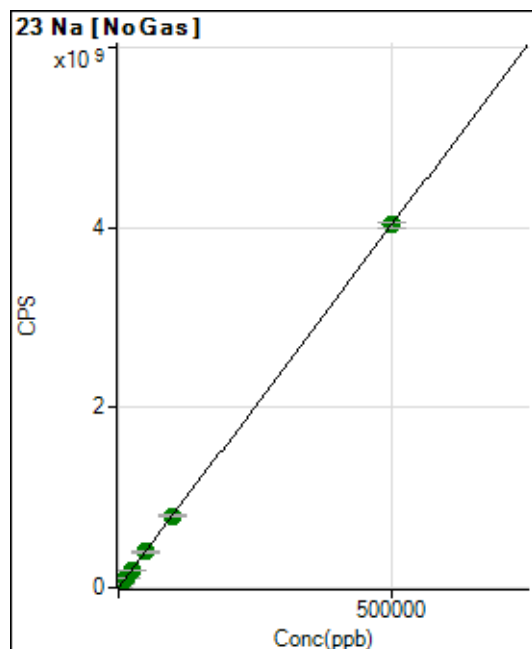
$$DL = 0.3016$$

Weight: <None>

Min Conc: 0

12 C [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	660896.18		P	0.2
2	☐	500.000	463.157	4389209.30		A	0.3
3	☐	5000.000	4802.243	39317942.89		A	1.0
4	☐	12500.000	12103.561	98092019.55		A	0.7
5	☐	25000.000	24161.328	195154507.14		A	1.2
6	☐	50000.000	49081.561	395757147.74		A	1.9
7	☐	100000.00	99203.493	799228173.42		A	1.2
8	☐	500000.00	500305.00	4028011067.8		A	1.5

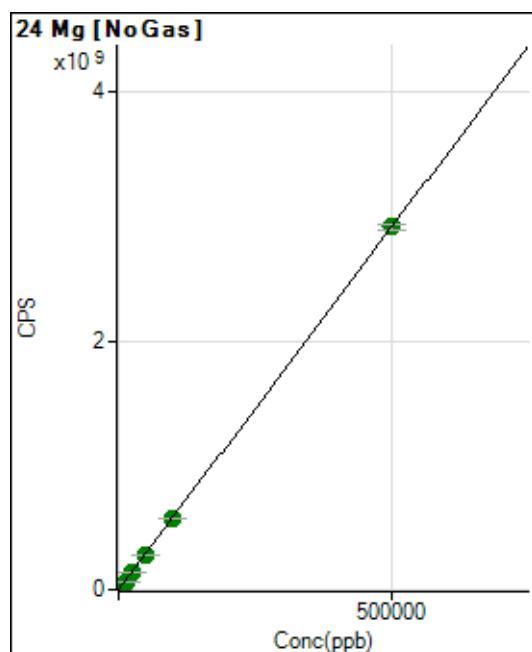
$$y = 8049.7899 * x + 660896.1800$$

$$R = 1.0000$$

$$DL = 0.5583$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22108.00		P	1.7
2	☐	500.000	456.270	2679047.48		A	0.7
3	☐	5000.000	4699.603	27388709.99		A	0.4
4	☐	12500.000	11830.386	68912493.21		A	1.0
5	☐	25000.000	23893.292	139156879.50		A	1.9
6	☐	50000.000	48331.993	281467659.07		A	0.9
7	☐	100000.00	98156.810	571606179.44		A	1.3
8	☐	500000.00	500610.56	2915163954.0		A	1.5

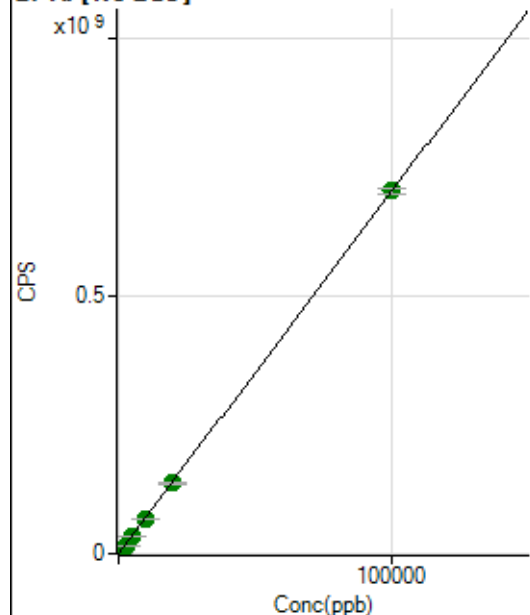
$$y = 5823.1729 * x + 22108.0000$$

$$R = 1.0000$$

$$DL = 0.188$$

Weight: <None>

Min Conc: 0

27 Al [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4745.33		P	3.7
2	☐	20.000	18.346	133676.73		P	1.0
3	☐	1000.000	937.392	6592482.57		A	0.6
4	☐	2500.000	2355.098	16555737.17		A	0.5
5	☐	5000.000	4759.005	33449747.62		A	1.4
6	☐	10000.000	9556.392	67164486.22		A	1.3
7	☐	20000.000	19431.692	136565426.66		A	1.4
8	☐	100000.00	100174.32	704002826.84		A	1.5

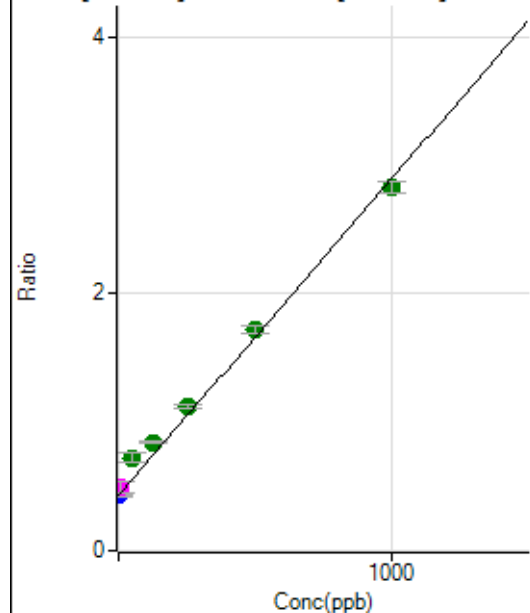
$$y = 7027.7300 * x + 4745.3267$$

$$R = 1.0000$$

$$DL = 0.07501$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	833319.37	0.4310	P	2.0
2	☐	10.000	23.814	962243.47	0.4897	M	19.2
3	☐	50.000	118.893	1333616.83	0.7242	A	10.5
4	☐	125.000	166.682	1655601.81	0.8420	A	1.7
5	☐	250.000	282.350	2252399.03	1.1272	A	2.8
6	☐	500.000	523.779	3399558.39	1.7225	A	2.7
7	☐	1000.000	971.230	5895549.57	2.8258	A	3.0
8	☐			1398414.39	0.6727	A	1.8

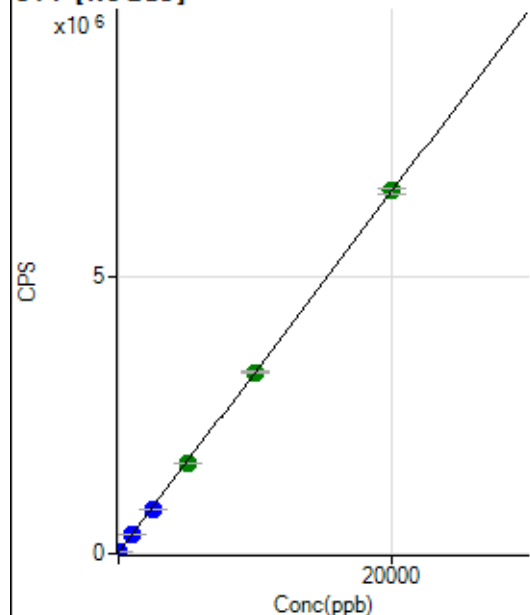
$$y = 0.0025 * x + 0.4310$$

$$R = 0.9975$$

$$DL = 10.75$$

Weight: <None>

Min Conc: 0

31 P [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.801	18700.54		P	1.8
2	☐	0.000	8.801	24431.25		P	2.0
3	☐	1000.000	954.929	332475.53		P	0.6
4	☐	2500.000	2378.928	796107.28		P	0.7
5	☐	5000.000	4924.558	1624923.94		A	1.2
6	☐	10000.000	9991.778	3274730.19		A	0.8
7	☐	20000.000	20040.359	6546388.92		A	1.7
8	☐			22008.31		P	2.8

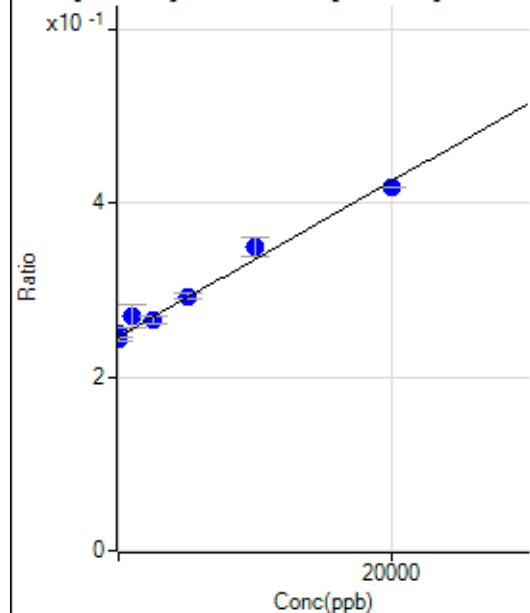
$$y = 325.5841 * x + 21565.8950$$

$$R = 1.0000$$

$$DL = 3.81$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	312.256	482075.94	0.2494	P	2.3
2	☐	0.000	-312.256	479949.50	0.2438	P	2.1
3	☐	1000.000	2638.683	497591.24	0.2702	P	10.4
4	☐	2500.000	2132.995	522255.43	0.2657	P	2.8
5	☐	5000.000	5205.092	585865.84	0.2932	P	2.2
6	☐	10000.000	11556.938	690062.53	0.3501	P	6.4
7	☐	20000.000	19134.200	871937.64	0.4179	P	0.1
8	☐			461603.11	0.2221	P	1.5

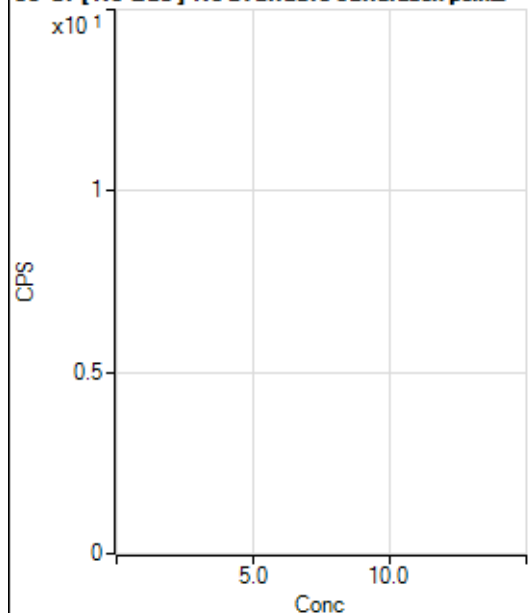
$$y = 8.9561E-006 * x + 0.2466$$

$$R = 0.9915$$

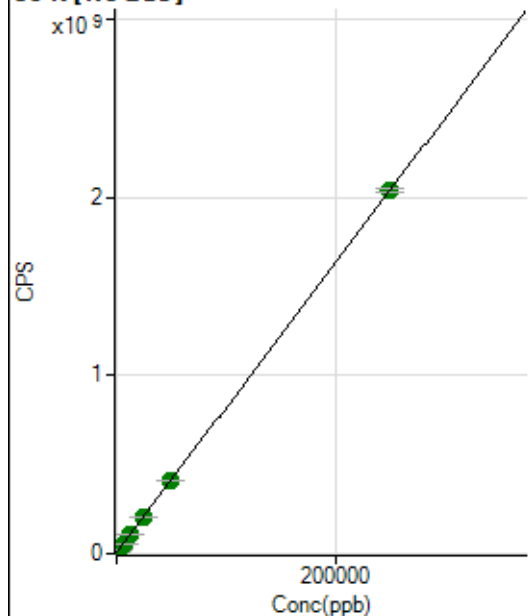
$$DL = 1801$$

Weight: <None>

Min Conc: 0

35 Cl [No Gas] No available calibration points

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

39 K [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6746391.47		A	0.5
2	☐	500.000	451.466	10414886.60		A	0.6
3	☐	2500.000	2403.534	26276889.65		A	0.1
4	☐	6250.000	6022.132	55680685.27		A	0.5
5	☐	12500.000	12088.478	104974243.32		A	0.9
6	☐	25000.000	24521.436	206001253.21		A	0.8
7	☐	50000.000	50027.664	413258275.90		A	1.3
8	☐	250000.00	250069.65	2038747867.7		A	1.0

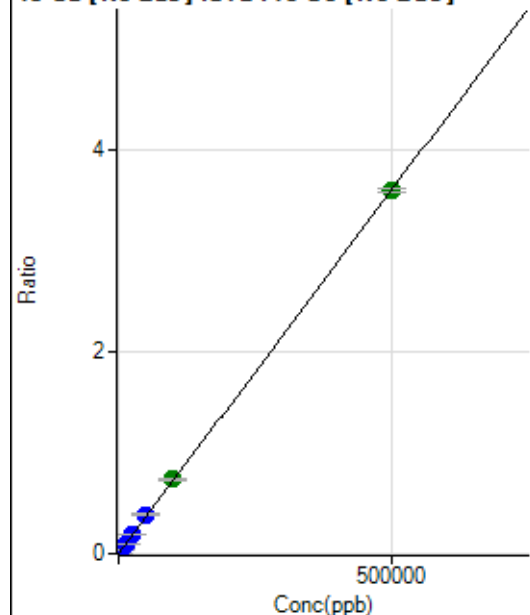
$$y = 8125.7418 * x + 6746391.4667$$

$$R = 1.0000$$

$$DL = 12.4$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200.01	0.0001	P	21.6
2	☐	500.000	496.041	7251.91	0.0037	P	1.3
3	☐	5000.000	5751.606	76588.49	0.0416	P	11.1
4	☐	12500.000	13539.503	192311.90	0.0978	P	1.4
5	☐	25000.000	26497.951	382273.46	0.1913	P	2.7
6	☐	50000.000	53793.763	765857.99	0.3883	P	4.6
7	☐	100000.00	101934.01	1534824.04	0.7357	A	1.2
8	☐	500000.00	499125.42	7486450.95	3.6018	A	1.1

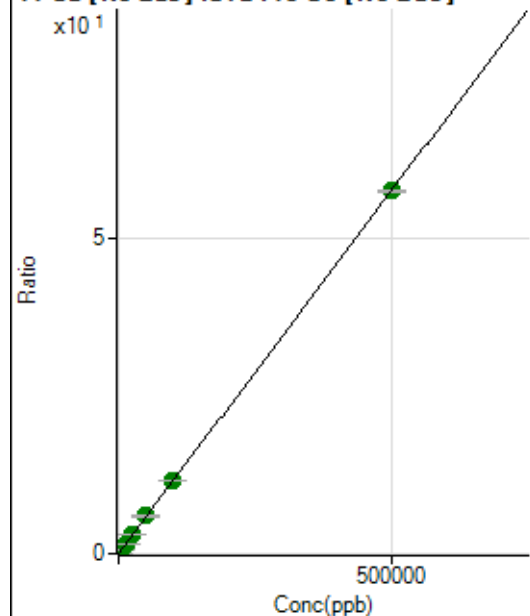
$$y = 7.2160E-006 * x + 1.0315E-004$$

$$R = 1.0000$$

$$DL = 9.265$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11868.80	0.0061	P	4.2
2	☐	500.000	499.876	125233.25	0.0636	P	2.1
3	☐	5000.000	5585.784	1192779.95	0.6483	A	11.7
4	☐	12500.000	13055.647	2963406.27	1.5070	A	0.7
5	☐	25000.000	25440.767	5856340.28	2.9307	A	2.2
6	☐	50000.000	52114.419	11829475.09	5.9970	A	4.3
7	☐	100000.00	100248.16	24055823.80	11.530	A	0.7
8	☐	500000.00	499697.13	119413547.11	57.449	A	0.7

$$y = 1.1496E-004 * x + 0.0061$$

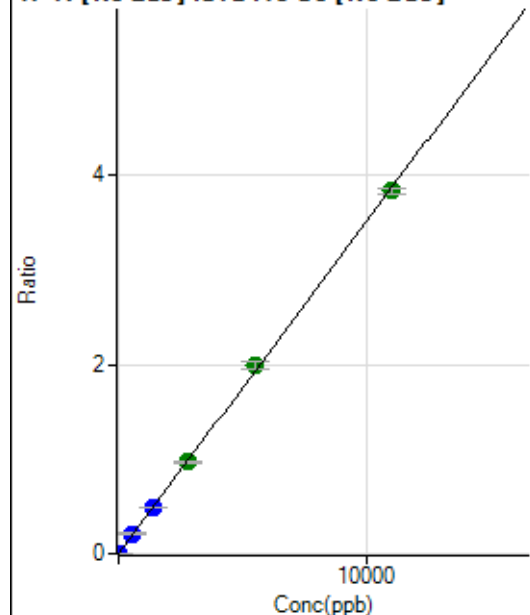
$$R = 1.0000$$

$$DL = 6.718$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	19.7
2	☐	5.000	4.818	3414.36	0.0017	P	7.9
3	☐	550.000	584.805	378250.93	0.2055	P	11.0
4	☐	1375.000	1372.848	948262.00	0.4823	P	1.7
5	☐	2750.000	2748.007	1928815.82	0.9653	A	2.8
6	☐	5500.000	5669.140	3927300.65	1.9914	A	5.0
7	☐	11000.000	10914.457	7998841.50	3.8339	A	1.9
8	☐			1305.65	0.0006	P	17.2

$$y = 3.5127E-004 * x + 4.3097E-005$$

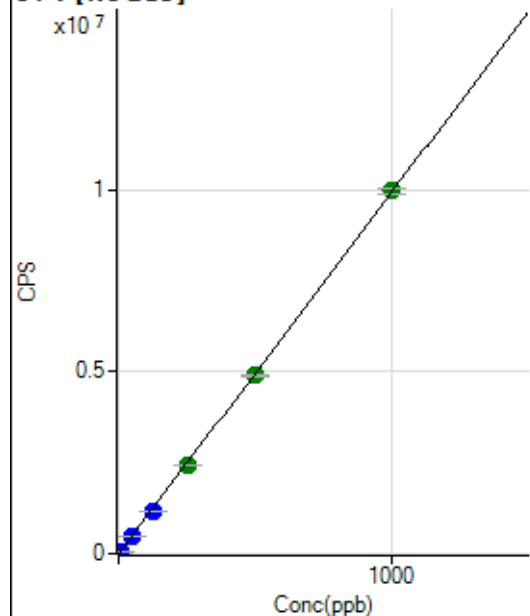
$$R = 0.9998$$

$$DL = 0.07263$$

Weight: <None>

Min Conc: 0

51 V [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.77		P	12.0
2	☐	5.000	4.475	44497.59		P	2.4
3	☐	50.000	47.023	466614.71		P	0.6
4	☐	125.000	117.571	1166518.97		P	1.4
5	☐	250.000	245.047	2431219.88		A	1.1
6	☐	500.000	494.577	4906816.28		A	1.2
7	☐	1000.000	1005.030	9971039.96		A	1.5
8	☐			2209.11		P	13.5

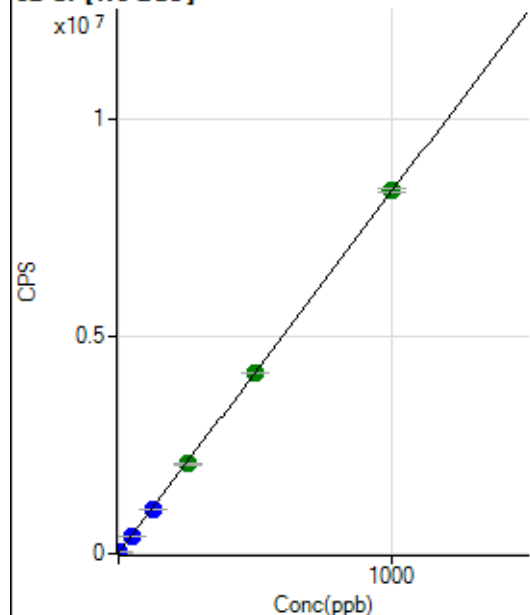
$$y = 9921.0419 * x + 96.7667$$

$$R = 1.0000$$

$$DL = 0.003497$$

Weight: <None>

Min Conc: 0

52 Cr [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17360.08		P	1.8
2	☐	2.000	1.768	32047.42		P	0.8
3	☐	50.000	47.611	412940.02		P	0.4
4	☐	125.000	118.919	1005405.25		P	0.6
5	☐	250.000	246.446	2064959.05		A	0.9
6	☐	500.000	498.440	4158661.33		A	0.7
7	☐	1000.000	1002.549	8347059.95		A	1.0
8	☐			44567.92		P	1.4

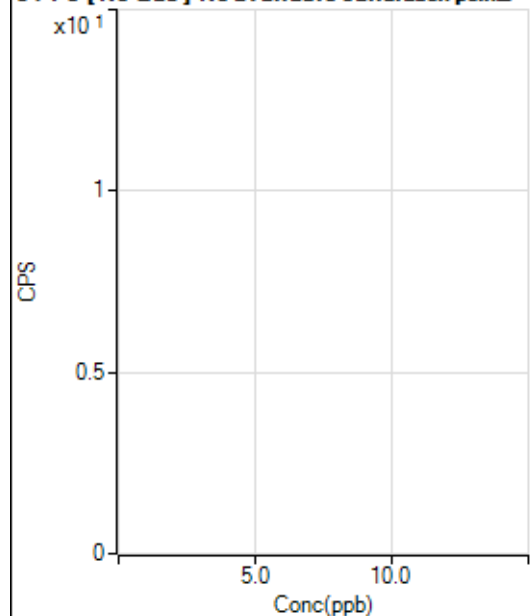
$$y = 8308.5250 * x + 17360.0767$$

$$R = 1.0000$$

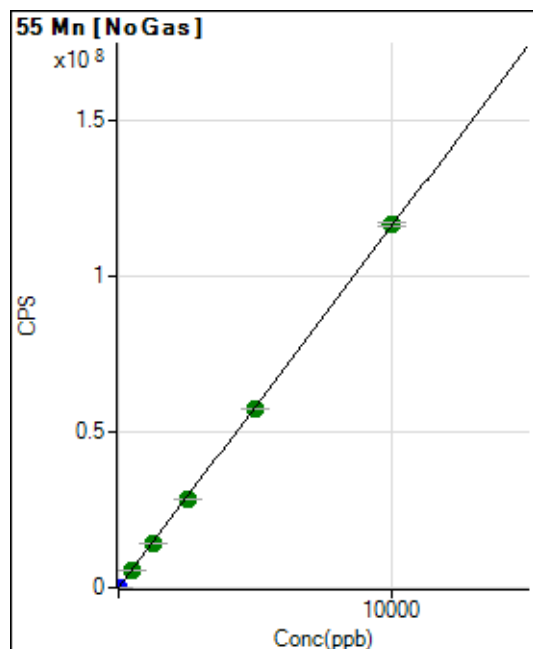
$$DL = 0.1122$$

Weight: <None>

Min Conc: 0

54 Fe [No Gas] No available calibration points

	Rjc t	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					



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9799.93		P	5.3
2	☐	1.000	1.001	21397.27		P	0.2
3	☐	500.000	491.286	5701340.36		A	0.5
4	☐	1250.000	1225.959	14212507.32		A	1.6
5	☐	2500.000	2459.717	28505575.61		A	0.8
6	☐	5000.000	4952.554	57385042.19		A	0.8
7	☐	10000.000	10037.235	116290966.03		A	1.2
8	☐			70150.96		P	1.3

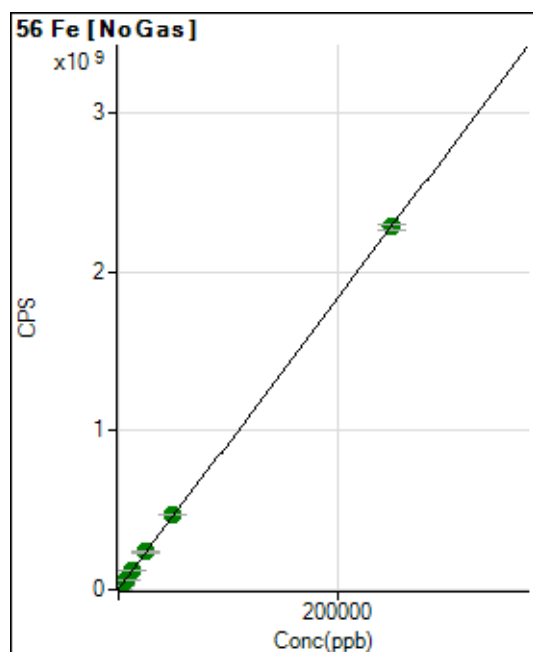
$$y = 11584.9805 * x + 9799.9267$$

$$R = 1.0000$$

$$DL = 0.1356$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4847182.05		A	1.3
2	☐	50.000	45.586	5263227.94		A	0.9
3	☐	2500.000	2515.877	27808375.62		A	0.7
4	☐	6250.000	6236.829	61767699.30		A	1.7
5	☐	12500.000	12550.044	119385358.22		A	1.1
6	☐	25000.000	25356.931	236267624.73		A	0.9
7	☐	50000.000	51103.299	471242271.65		A	1.0
8	☐	250000.00	249741.31	2284115362.1		A	1.3

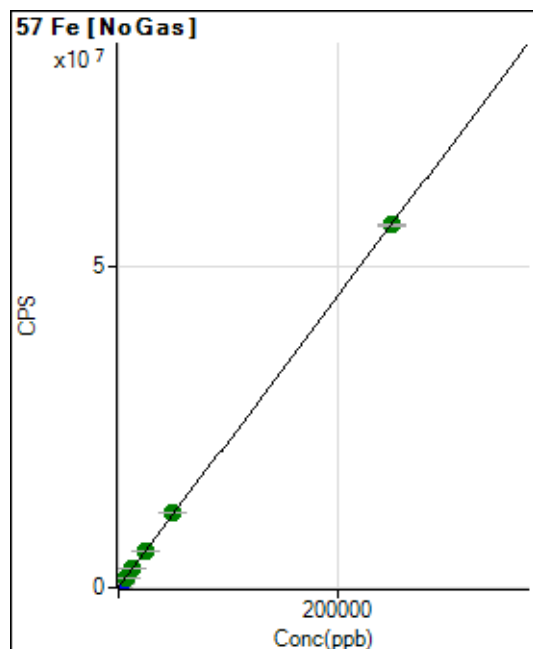
$$y = 9126.5162 * x + 4847182.0533$$

$$R = 1.0000$$

$$DL = 20.75$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	84954.69		P	1.0
2	☐	50.000	45.651	95255.55		P	2.1
3	☐	2500.000	2474.054	643213.04		P	0.3
4	☐	6250.000	6235.779	1492028.33		A	2.0
5	☐	12500.000	12627.792	2934355.50		A	0.7
6	☐	25000.000	25158.971	5761956.28		A	0.6
7	☐	50000.000	51411.959	11685817.38		A	0.6
8	☐	250000.00	249695.93	56427649.41		A	0.6

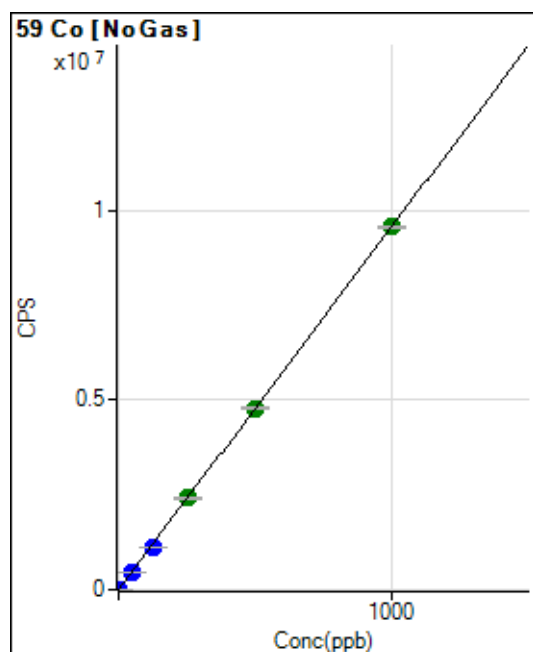
$$y = 225.6452 * x + 84954.6867$$

$$R = 1.0000$$

$$DL = 11.48$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	760.80		P	2.3
2	☐	1.000	0.942	9776.57		P	2.5
3	☐	50.000	47.799	458208.00		P	0.7
4	☐	125.000	118.158	1131565.48		P	1.0
5	☐	250.000	251.850	2411037.26		A	1.7
6	☐	500.000	500.741	4793000.65		A	1.3
7	☐	1000.000	1000.133	9572334.60		A	0.8
8	☐			27530.01		P	1.1

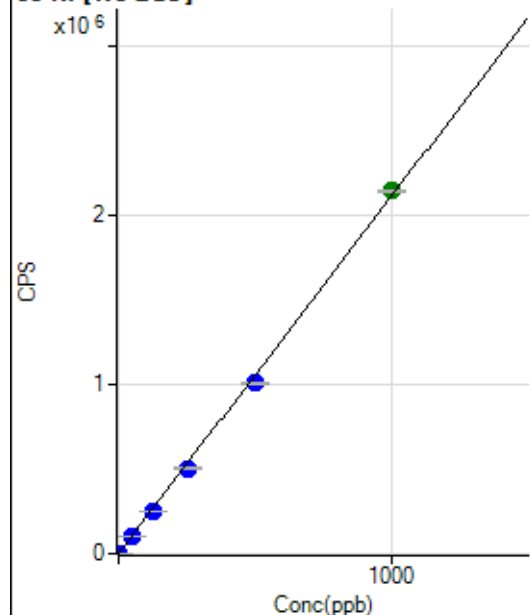
$$y = 9570.3036 * x + 760.8033$$

$$R = 1.0000$$

$$DL = 0.005437$$

Weight: <None>

Min Conc: 0

60 Ni [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	555.57		P	8.5
2	☐	1.000	0.931	2524.68		P	4.2
3	☐	50.000	48.439	102952.48		P	0.2
4	☐	125.000	119.690	253569.88		P	0.5
5	☐	250.000	238.913	505597.48		P	1.1
6	☐	500.000	477.313	1009555.72		P	0.8
7	☐	1000.000	1014.857	2145880.49		A	0.8
8	☐			13293.78		P	0.7

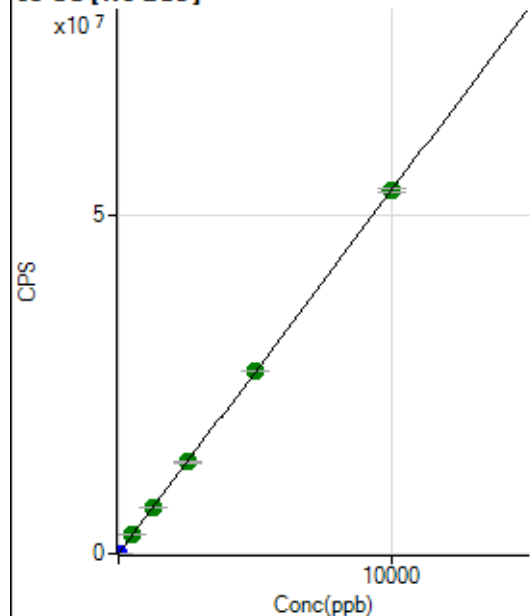
$$y = 2113.9179 * x + 555.5733$$

$$R = 0.9996$$

$$DL = 0.06729$$

Weight: <None>

Min Conc: 0

63 Cu [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21831.58		P	1.3
2	☐	2.000	1.875	31907.36		P	1.1
3	☐	500.000	507.154	2746469.54		A	0.2
4	☐	1250.000	1258.909	6785201.63		A	1.6
5	☐	2500.000	2511.183	13512927.71		A	0.4
6	☐	5000.000	5023.175	27008372.10		A	0.7
7	☐	10000.000	9984.145	53660722.53		A	1.1
8	☐			90683.55		P	0.8

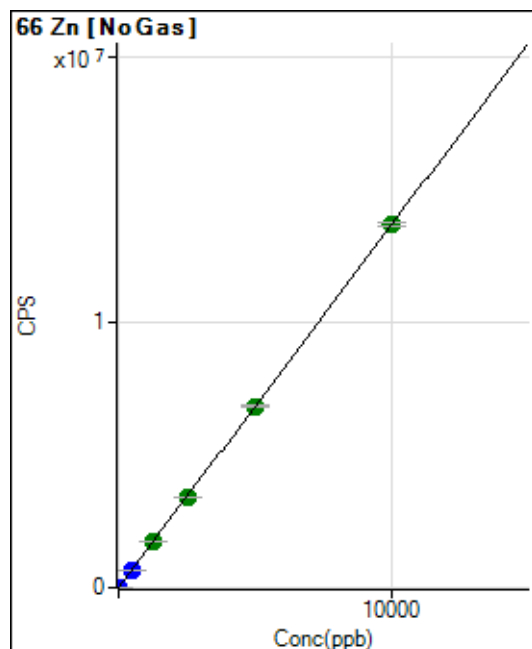
$$y = 5372.4068 * x + 21831.5800$$

$$R = 1.0000$$

$$DL = 0.1536$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1328.96		P	4.2
2	☐	2.000	1.941	3985.01		P	2.9
3	☐	500.000	482.484	661628.33		P	0.3
4	☐	1250.000	1276.325	1748032.20		A	0.7
5	☐	2500.000	2492.841	3412883.60		A	1.2
6	☐	5000.000	4999.330	6843114.62		A	0.9
7	☐	10000.000	9999.710	13686338.13		A	1.2
8	☐			24417.80		P	1.4

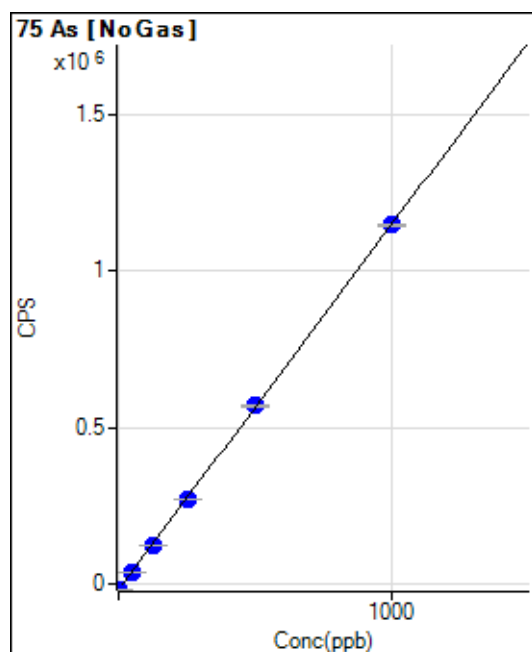
$$y = 1368.5406 * x + 1328.9600$$

$$R = 1.0000$$

$$DL = 0.1237$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-15648.79		P	-0.6
2	☐	1.000	0.947	-14547.34		P	-2.2
3	☐	50.000	48.241	40455.21		P	2.4
4	☐	125.000	123.143	127566.62		P	0.9
5	☐	250.000	248.548	273412.48		P	0.5
6	☐	500.000	504.481	571063.83		P	1.1
7	☐	1000.000	998.443	1145541.62		P	0.8
8	☐			-14918.93		P	-1.5

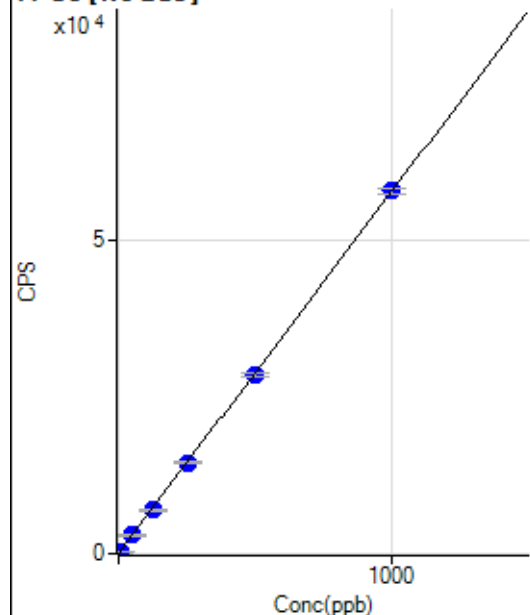
$$y = 1163.0017 * x - 15648.7933$$

$$R = 1.0000$$

$$DL = 0.2528$$

Weight: <None>

Min Conc: 0

77 Se [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22		P	10.2
2	☐	5.000	4.873	327.79		P	38.1
3	☐	50.000	51.147	2992.05		P	12.3
4	☐	125.000	120.645	6993.50		P	5.3
5	☐	250.000	251.150	14507.42		P	2.1
6	☐	500.000	495.245	28561.41		P	1.7
7	☐	1000.000	1002.578	57771.62		P	1.6
8	☐			61.11		P	79.9

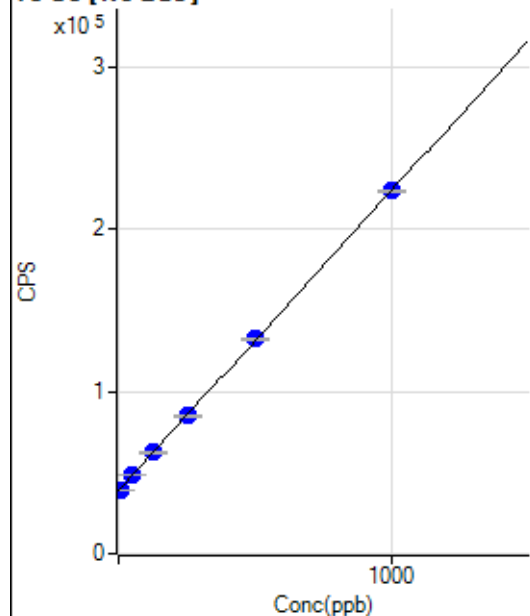
$$y = 57.5760 * x + 47.2233$$

$$R = 1.0000$$

$$DL = 0.2506$$

Weight: <None>

Min Conc: 0

78 Se [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39081.43		P	2.5
2	☐	5.000	2.402	39526.28		P	0.9
3	☐	50.000	49.770	48297.52		P	0.3
4	☐	125.000	127.380	62668.99		P	2.1
5	☐	250.000	248.833	85159.18		P	0.9
6	☐	500.000	503.712	132356.35		P	0.8
7	☐	1000.000	998.163	223916.50		P	0.5
8	☐			39007.93		P	1.8

$$y = 185.1752 * x + 39081.4267$$

$$R = 1.0000$$

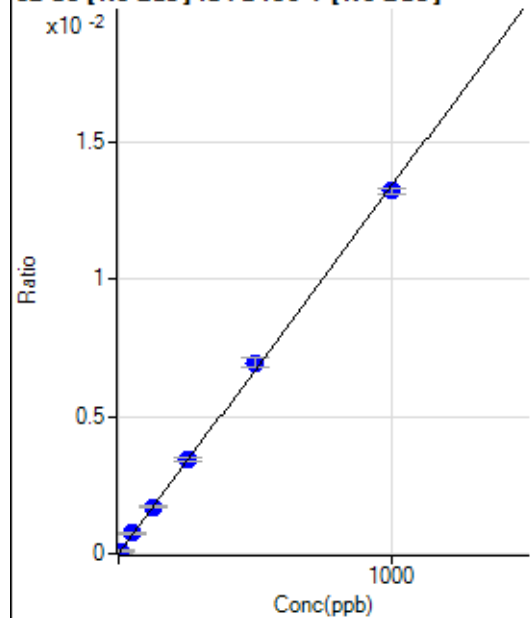
$$DL = 15.95$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			9242.03		P	2.4
2	☐			9330.96		P	2.8
3	☐			9269.79		P	2.4
4	☐			9280.95		P	3.7
5	☐			10278.84		P	1.7
6	☐			10031.45		P	1.4
7	☐			9642.31		P	4.7
8	☐			9603.36		P	3.0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-73.65	0.0000	P	-230.
2	☐	5.000	5.332	296.66	0.0001	P	122.5
3	☐	50.000	55.376	3588.78	0.0007	P	9.1
4	☐	125.000	127.766	8938.71	0.0017	P	4.2
5	☐	250.000	257.838	18402.41	0.0034	P	4.3
6	☐	500.000	520.355	36986.93	0.0070	P	4.9
7	☐	1000.000	987.247	74140.42	0.0132	P	1.4
8	☐			178.51	0.0000	P	154.3

$$y = 1.3421E-005 * x - 1.3785E-005$$

$$R = 0.9997$$

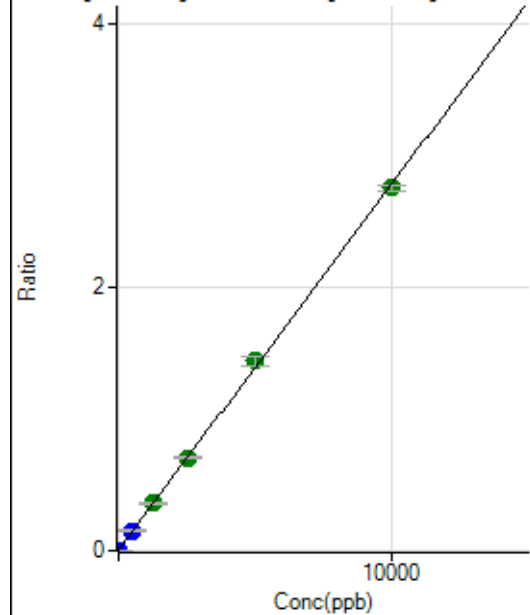
$$DL = 7.094$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			15814.11		P	1.4
2	☐			15817.45		P	2.4
3	☐			15933.12		P	0.7
4	☐			15933.14		P	1.7
5	☐			15782.95		P	1.4
6	☐			15837.48		P	2.6
7	☐			15464.88		P	1.1
8	☐			15484.90		P	2.3

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24256.56	0.0047	P	1.1
2	☐	1.000	0.804	25717.53	0.0049	P	2.6
3	☐	500.000	529.241	743496.28	0.1514	P	10.2
4	☐	1250.000	1275.836	1882693.46	0.3583	A	1.9
5	☐	2500.000	2531.361	3771843.96	0.7063	A	3.0
6	☐	5000.000	5168.992	7624921.00	1.4374	A	5.7
7	☐	10000.000	9902.972	15401486.80	2.7496	A	1.4
8	☐			35977.84	0.0065	P	0.7

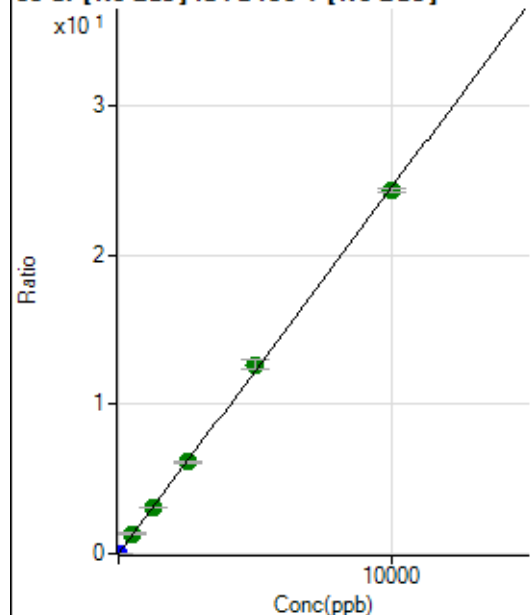
$$y = 2.7717E-004 * x + 0.0047$$

$$R = 0.9998$$

$$DL = 0.5607$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	652.81	0.0001	P	8.1
2	☐	1.000	0.952	12839.23	0.0025	P	6.1
3	☐	500.000	542.408	6529441.03	1.3301	A	10.8
4	☐	1250.000	1269.261	16353273.80	3.1123	A	1.3
5	☐	2500.000	2508.907	32853517.40	6.1518	A	2.4
6	☐	5000.000	5159.431	67114367.47	12.650	A	5.4
7	☐	10000.000	9913.530	136154223.88	24.307	A	1.2
8	☐			99441.20	0.0180	P	1.1

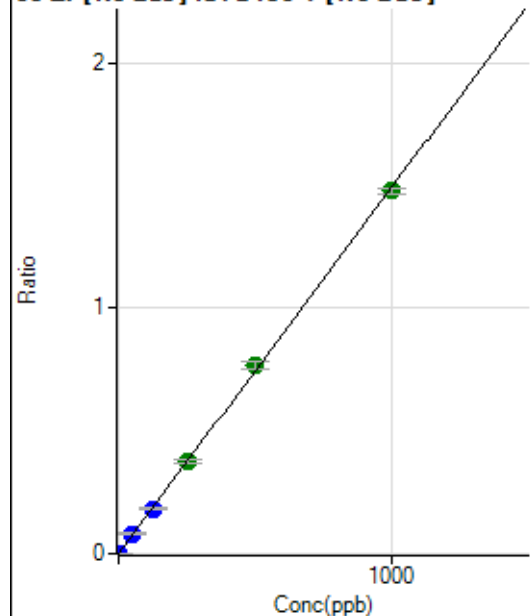
$$y = 0.0025 * x + 1.2671E-004$$

$$R = 0.9998$$

$$DL = 0.0126$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	241.68	0.0000	P	6.1
2	☐	1.000	0.972	7810.62	0.0015	P	2.7
3	☐	50.000	52.875	387403.78	0.0789	P	10.3
4	☐	125.000	123.019	964023.40	0.1835	P	1.7
5	☐	250.000	252.211	2008598.27	0.3761	A	2.6
6	☐	500.000	516.267	4086122.49	0.7699	A	4.2
7	☐	1000.000	991.417	8280541.85	1.4783	A	1.3
8	☐			4525.82	0.0008	P	0.6

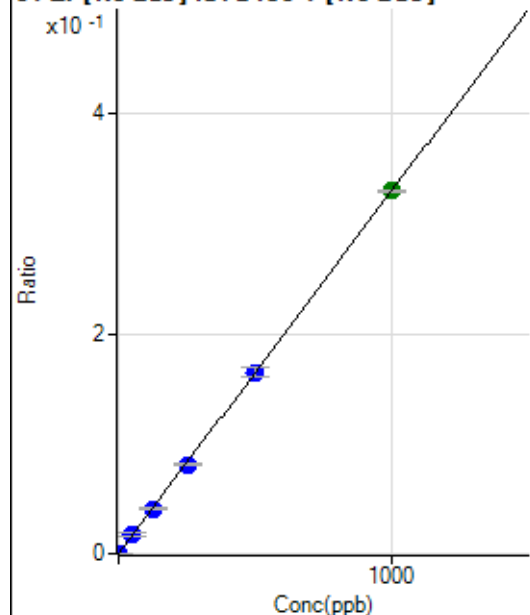
$$y = 0.0015 * x + 4.6930E-005$$

$$R = 0.9998$$

$$DL = 0.005789$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	46.7
2	☐	1.000	0.942	1675.14	0.0003	P	9.5
3	☐	50.000	53.054	85901.57	0.0175	P	11.1
4	☐	125.000	124.300	215363.97	0.0410	P	2.2
5	☐	250.000	245.680	432589.98	0.0810	P	3.2
6	☐	500.000	500.972	876194.87	0.1652	P	5.8
7	☐	1000.000	1000.529	1847807.12	0.3299	A	0.9
8	☐			1036.18	0.0002	P	15.7

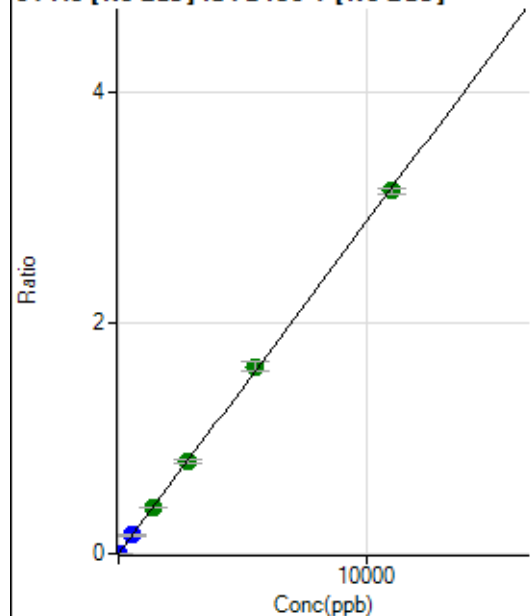
$$y = 3.2970\text{E-}004 * x + 1.0700\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04544$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	26.0
2	☐	5.000	5.677	8683.31	0.0017	P	5.0
3	☐	550.000	572.081	809917.43	0.1650	P	10.9
4	☐	1375.000	1383.561	2096504.54	0.3990	A	1.6
5	☐	2750.000	2792.864	4301205.13	0.8054	A	3.6
6	☐	5500.000	5632.762	8618352.80	1.6244	A	5.2
7	☐	11000.000	10920.729	17640235.29	3.1493	A	1.5
8	☐			5895.82	0.0011	P	9.1

$$y = 2.8838\text{E-}004 * x + 2.7609\text{E-}005$$

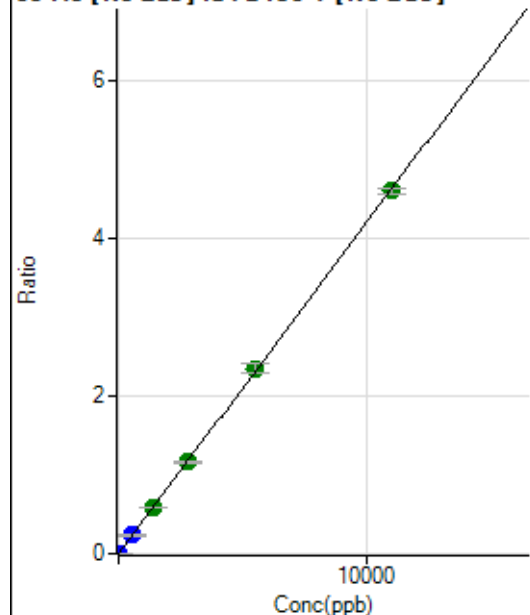
$$R = 0.9999$$

$$DL = 0.0748$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	48.8
2	☐	5.000	4.695	10320.53	0.0020	P	4.9
3	☐	550.000	569.352	1174134.90	0.2391	P	10.2
4	☐	1375.000	1379.528	3043635.07	0.5793	A	1.4
5	☐	2750.000	2770.252	6211630.87	1.1632	A	3.1
6	☐	5500.000	5595.173	12463949.58	2.3494	A	5.4
7	☐	11000.000	10945.817	25744076.10	4.5961	A	1.8
8	☐			7263.15	0.0013	P	13.4

$$y = 4.1989\text{E-}004 * x + 7.0137\text{E-}006$$

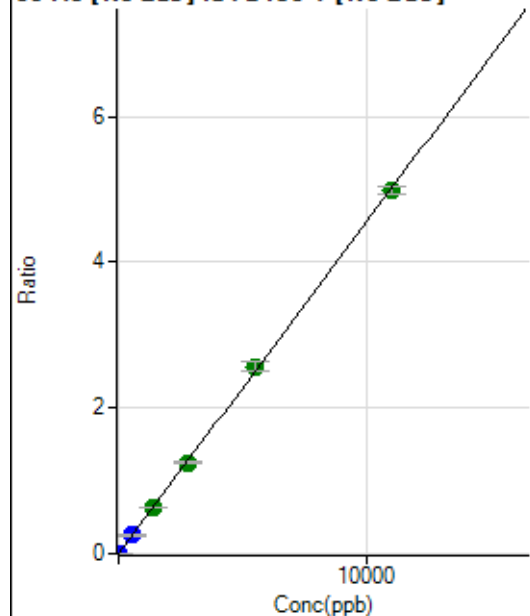
$$R = 0.9999$$

$$DL = 0.02445$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.78	0.0000	P	29.0
2	☐	5.000	5.083	12244.30	0.0023	P	2.1
3	☐	550.000	575.586	1288388.86	0.2623	P	10.0
4	☐	1375.000	1386.448	3319361.44	0.6318	A	2.0
5	☐	2750.000	2750.591	6693301.06	1.2534	A	3.1
6	☐	5500.000	5637.510	13630059.59	2.5688	A	5.1
7	☐	11000.000	10928.387	27892553.23	4.9797	A	2.0
8	☐			10087.10	0.0018	P	8.2

$$y = 4.5567\text{E-}004 * x + 2.9716\text{E-}005$$

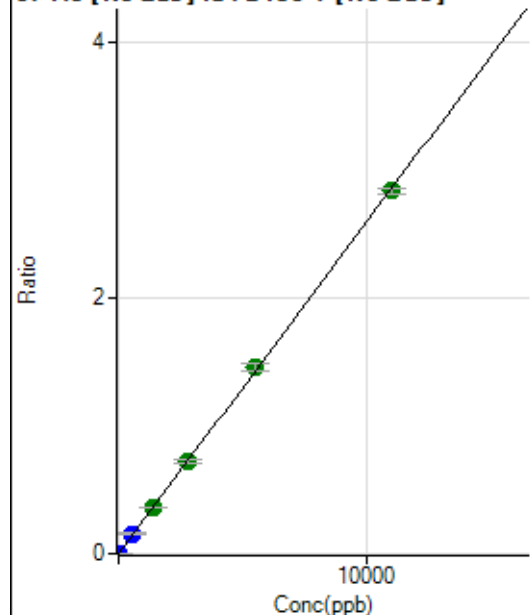
$$R = 0.9999$$

$$DL = 0.05674$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	33.7
2	☐	5.000	4.916	6701.70	0.0013	P	3.7
3	☐	550.000	579.372	737321.47	0.1501	P	10.0
4	☐	1375.000	1397.256	1902414.43	0.3620	A	1.4
5	☐	2750.000	2773.389	3837132.29	0.7186	A	3.7
6	☐	5500.000	5619.429	7726240.45	1.4559	A	4.7
7	☐	11000.000	10930.188	15862070.67	2.8319	A	1.9
8	☐			4631.41	0.0008	P	13.4

$$y = 2.5909\text{E-}004 * x + 1.0837\text{E-}005$$

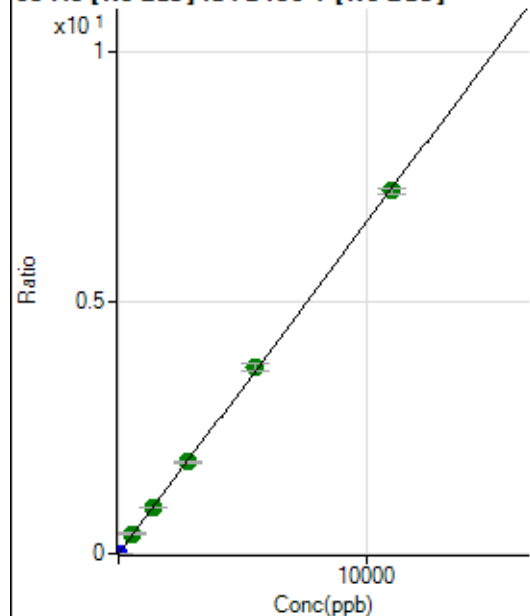
$$R = 0.9999$$

$$DL = 0.0423$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	47.3
2	☐	5.000	4.811	16679.41	0.0032	P	2.9
3	☐	550.000	591.922	1918472.83	0.3909	A	10.9
4	☐	1375.000	1388.106	4815728.23	0.9166	A	1.9
5	☐	2750.000	2762.122	9739194.49	1.8238	A	3.1
6	☐	5500.000	5612.707	19669836.20	3.7060	A	4.2
7	☐	11000.000	10936.882	40451840.49	7.2214	A	1.8
8	☐			11688.36	0.0021	P	15.4

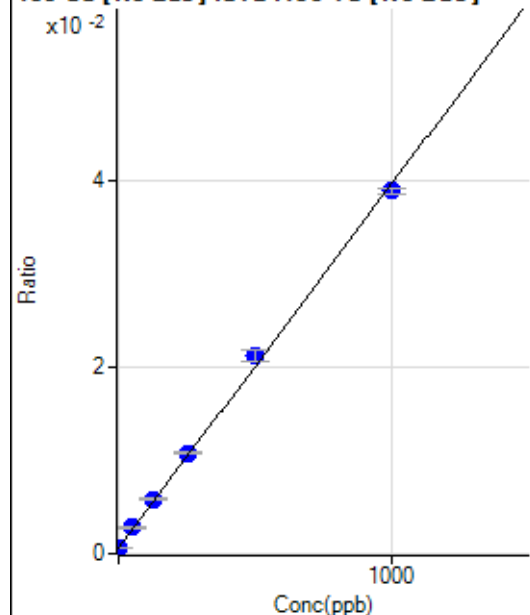
$$y = 6.6028\text{E-}004 * x + 1.9972\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04295$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1625.11	0.0006	P	5.0
2	☐	1.000	1.421	1764.02	0.0006	P	5.0
3	☐	50.000	57.009	7365.85	0.0028	P	6.2
4	☐	125.000	134.690	16191.11	0.0058	P	2.5
5	☐	250.000	261.724	30827.23	0.0108	P	0.6
6	☐	500.000	528.288	61214.36	0.0212	P	6.0
7	☐	1000.000	981.363	120012.54	0.0389	P	1.8
8	☐			1869.59	0.0006	P	1.2

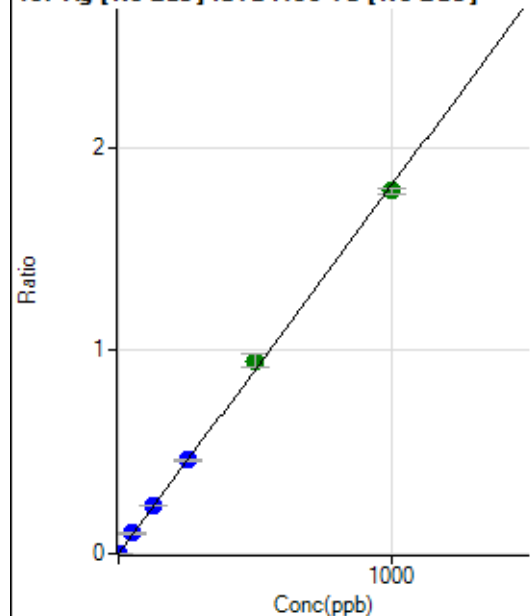
$$y = 3.9048\text{E-}005 * x + 5.7939\text{E-}004$$

$$R = 0.9993$$

$$DL = 2.207$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.50	0.0000	P	35.8
2	☐	1.000	0.943	4799.47	0.0017	P	7.9
3	☐	50.000	55.126	261527.76	0.0999	P	10.0
4	☐	125.000	130.611	656032.15	0.2366	P	1.8
5	☐	250.000	254.598	1316093.11	0.4611	P	1.5
6	☐	500.000	524.539	2739585.37	0.9500	A	7.6
7	☐	1000.000	985.623	5506782.76	1.7850	A	1.8
8	☐			2172.42	0.0007	P	11.4

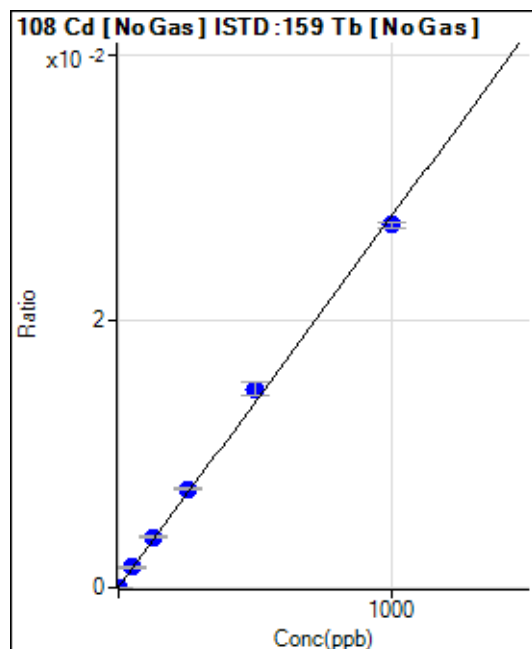
$$y = 0.0018 * x + 2.2298\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.01321$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65.28	0.0000	P	25.7
2	☐	1.000	0.976	140.28	0.0001	P	13.8
3	☐	50.000	55.557	4113.14	0.0016	P	8.4
4	☐	125.000	135.859	10548.37	0.0038	P	2.5
5	☐	250.000	265.508	21151.64	0.0074	P	0.7
6	☐	500.000	534.349	42963.32	0.0149	P	6.4
7	☐	1000.000	977.313	83954.64	0.0272	P	1.8
8	☐			93.06	0.0000	P	31.9

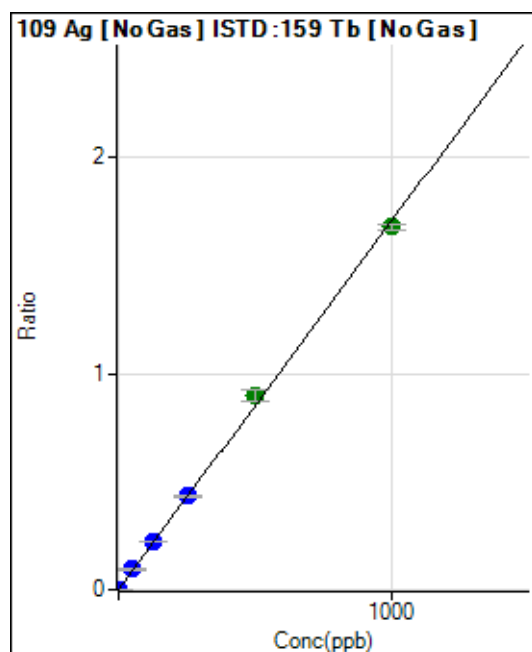
$$y = 2.7821\text{E-}005 * x + 2.3220\text{E-}005$$

$$R = 0.9990$$

$$DL = 0.6426$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	41.4
2	☐	1.000	0.987	4703.60	0.0017	P	10.0
3	☐	50.000	55.242	246783.63	0.0942	P	9.8
4	☐	125.000	130.095	615285.74	0.2219	P	1.9
5	☐	250.000	254.817	1240232.00	0.4345	P	2.0
6	☐	500.000	526.726	2592729.59	0.8982	A	5.7
7	☐	1000.000	984.534	5179780.76	1.6789	A	1.9
8	☐			2029.33	0.0007	P	4.3

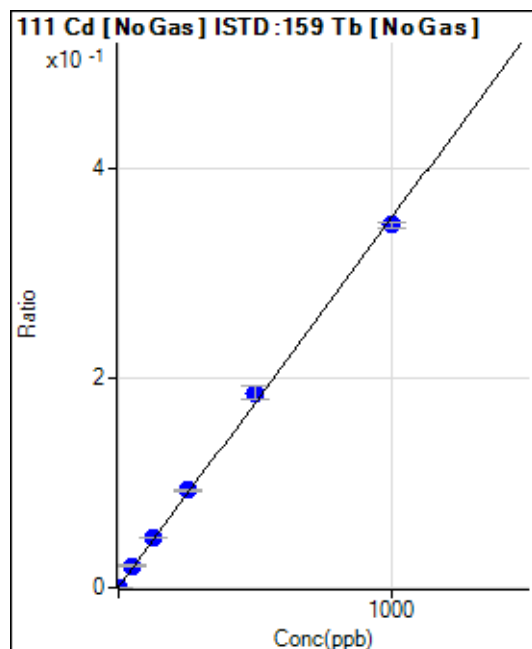
$$y = 0.0017 * x + 1.1827\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.00862$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1100.22	0.0004	P	5.1
2	☐	1.000	1.063	2128.33	0.0008	P	4.0
3	☐	50.000	56.901	53447.47	0.0204	P	9.7
4	☐	125.000	134.231	131980.83	0.0476	P	2.9
5	☐	250.000	263.650	265757.70	0.0931	P	1.7
6	☐	500.000	527.257	536201.33	0.1858	P	6.3
7	☐	1000.000	981.460	1066087.94	0.3456	P	1.3
8	☐			1647.75	0.0005	P	3.6

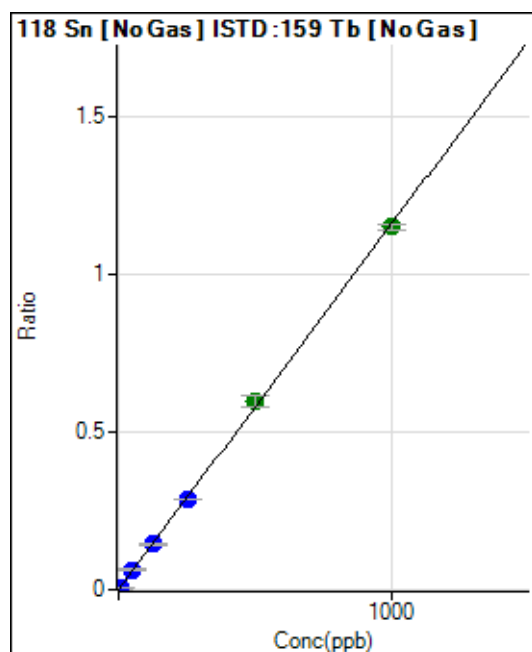
$$y = 3.5168\text{E-}004 * x + 3.9230\text{E-}004$$

$$R = 0.9993$$

$$DL = 0.1696$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1055.62	0.0004	P	6.5
2	☐	5.000	4.785	16448.69	0.0059	P	5.9
3	☐	50.000	54.014	164934.55	0.0630	P	10.7
4	☐	125.000	125.078	403157.18	0.1454	P	2.9
5	☐	250.000	247.090	818717.04	0.2869	P	1.8
6	☐	500.000	516.955	1731174.84	0.5998	A	5.9
7	☐	1000.000	992.041	3549940.06	1.1506	A	1.7
8	☐			2428.06	0.0008	P	2.8

$$y = 0.0012 * x + 3.7639\text{E-}004$$

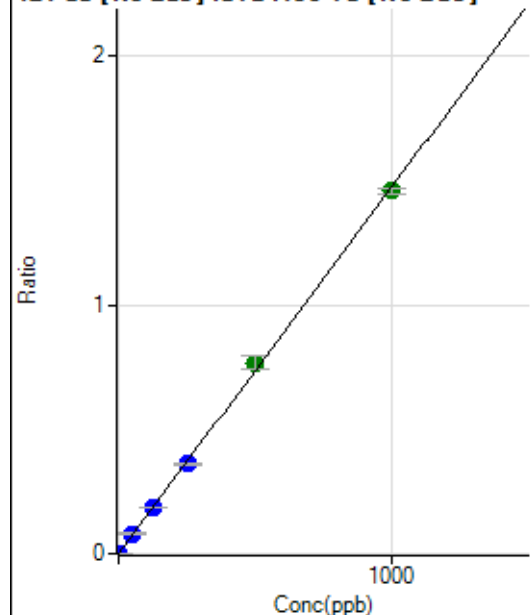
$$R = 0.9998$$

$$DL = 0.06296$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	12.5
2	☐	2.000	1.885	7752.18	0.0028	P	7.4
3	☐	50.000	52.659	203224.40	0.0776	P	9.7
4	☐	125.000	125.073	510951.47	0.1842	P	2.1
5	☐	250.000	246.260	1035415.99	0.3628	P	2.1
6	☐	500.000	520.543	2212098.90	0.7668	A	6.8
7	☐	1000.000	990.522	4501612.56	1.4591	A	1.8
8	☐			3442.12	0.0011	P	1.8

$$y = 0.0015 * x + 1.5865E-005$$

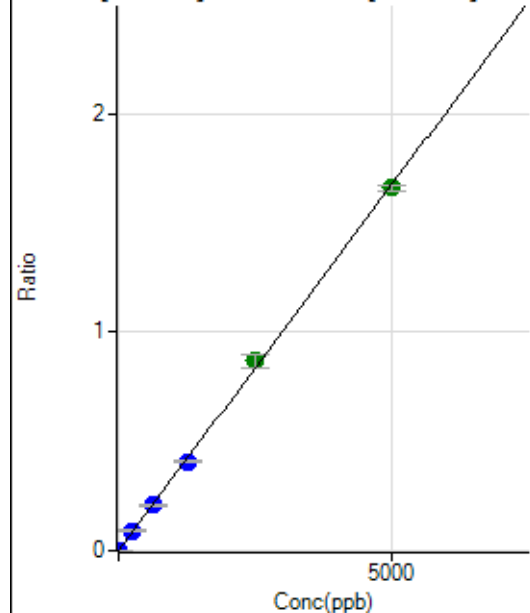
$$R = 0.9997$$

$$DL = 0.004047$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.2
2	☐	10.000	9.525	8858.51	0.0032	P	4.6
3	☐	250.000	265.036	232276.08	0.0887	P	10.4
4	☐	625.000	624.925	580055.77	0.2092	P	2.6
5	☐	1250.000	1213.268	1159136.36	0.4061	P	2.4
6	☐	2500.000	2596.135	2506934.86	0.8690	A	6.8
7	☐	5000.000	4960.374	5122478.15	1.6603	A	1.5
8	☐			2205.79	0.0007	P	7.5

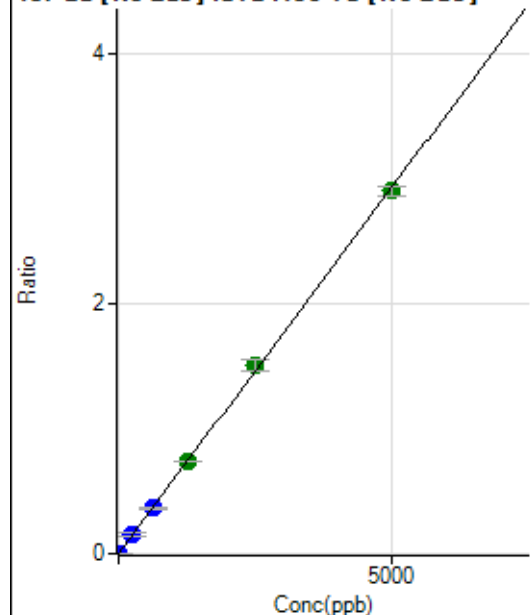
$$y = 3.3472E-004 * x + 1.9431E-006$$

$$R = 0.9997$$

$$DL = 0.03016$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	66.7
2	☐	10.000	9.642	15723.03	0.0057	P	5.3
3	☐	250.000	262.497	402835.90	0.1539	P	11.1
4	☐	625.000	618.519	1005849.58	0.3627	P	1.6
5	☐	1250.000	1265.169	2117619.27	0.7418	A	1.0
6	☐	2500.000	2575.628	4357455.87	1.5102	A	6.6
7	☐	5000.000	4958.580	8969951.33	2.9075	A	2.6
8	☐			4103.46	0.0013	P	1.1

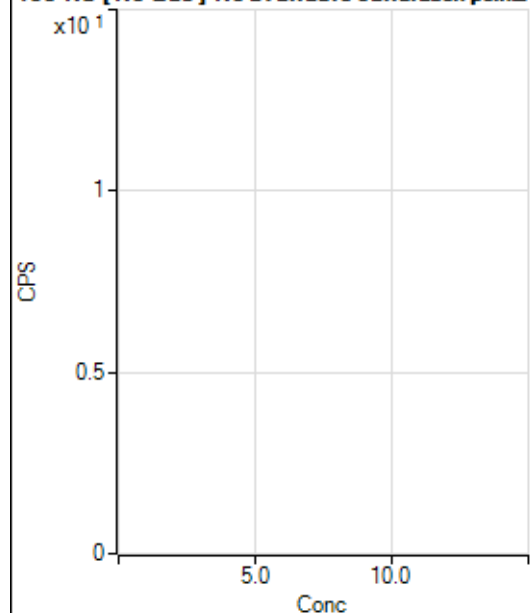
$$y = 5.8636E-004 * x + 8.8787E-006$$

$$R = 0.9998$$

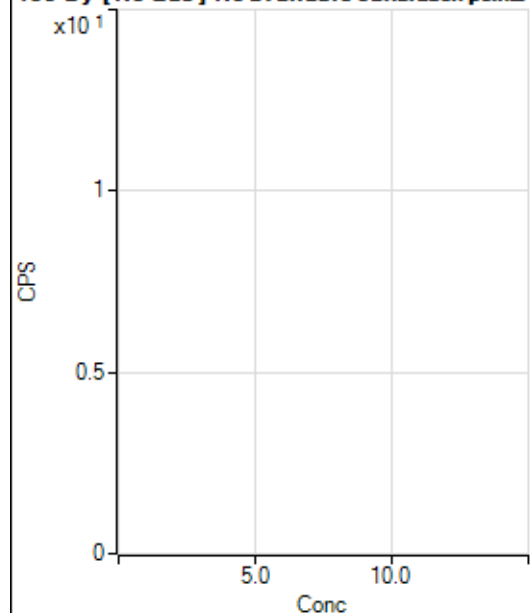
$$DL = 0.03031$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

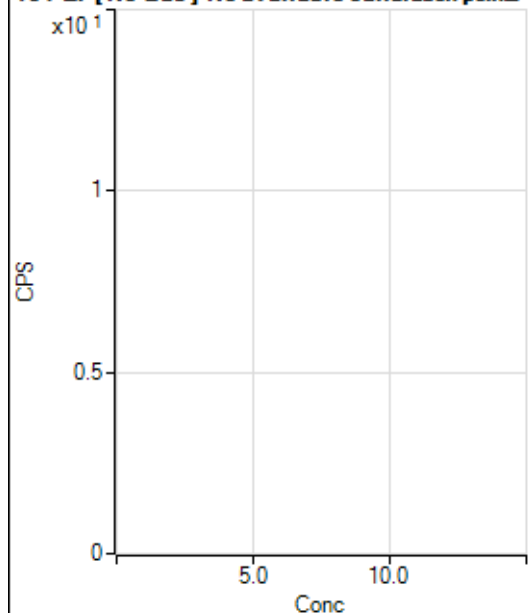
	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	173.2
3	☐			22.22		P	62.4
4	☐			42.22		P	65.7
5	☐			95.56		P	4.0
6	☐			193.34		P	6.9
7	☐			380.02		P	8.8
8	☐			17.78		P	57.3

156 Dy [No Gas] No available calibration points

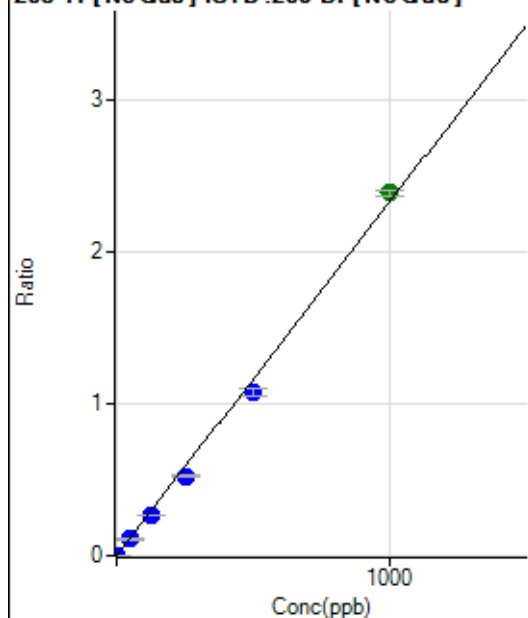
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.78		P	173.2
2	☐			13.89		P	69.3
3	☐			16.67		P	NaN
4	☐			44.45		P	57.3
5	☐			38.89		P	49.5
6	☐			88.89		P	30.1
7	☐			236.12		P	16.7
8	☐			711.15		P	9.5

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.89		P	69.3
2	☐			27.78		P	34.6
3	☐			25.00		P	57.7
4	☐			36.11		P	35.3
5	☐			38.89		P	49.5
6	☐			72.22		P	29.0
7	☐			175.01		P	34.3
8	☐			625.03		P	6.7

164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			19.44		P	65.5
2	☐			13.89		P	34.7
3	☐			22.22		P	57.3
4	☐			27.78		P	34.6
5	☐			30.56		P	41.7
6	☐			33.33		P	43.3
7	☐			47.22		P	56.7
8	☐			86.12		P	5.6

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347.24	0.0003	P	10.0
2	☐	1.000	0.834	2767.06	0.0022	P	1.9
3	☐	50.000	48.461	133246.99	0.1130	P	10.9
4	☐	125.000	114.090	331270.54	0.2656	P	1.5
5	☐	250.000	224.894	672642.28	0.5233	P	2.9
6	☐	500.000	463.022	1374160.52	1.0770	P	4.7
7	☐	1000.000	1026.206	3219294.73	2.3866	A	1.6
8	☐			886.17	0.0007	P	14.3

$$y = 0.0023 * x + 2.7733E-004$$

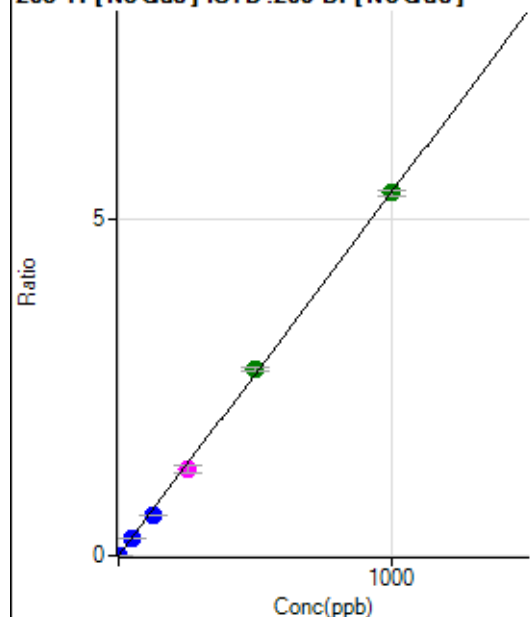
$$R = 0.9986$$

$$DL = 0.03563$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	723.17	0.0006	P	11.5
2	☐	1.000	0.868	6572.53	0.0053	P	4.6
3	☐	50.000	47.544	304038.16	0.2575	P	9.4
4	☐	125.000	111.606	753248.70	0.6038	P	0.4
5	☐	250.000	237.437	1651506.76	1.2838	M	8.6
6	☐	500.000	512.006	3534892.81	2.7678	A	2.4
7	☐	1000.000	998.935	7283379.28	5.3994	A	1.6
8	☐			1861.23	0.0015	P	9.9

$$y = 0.0054 * x + 5.7715E-004$$

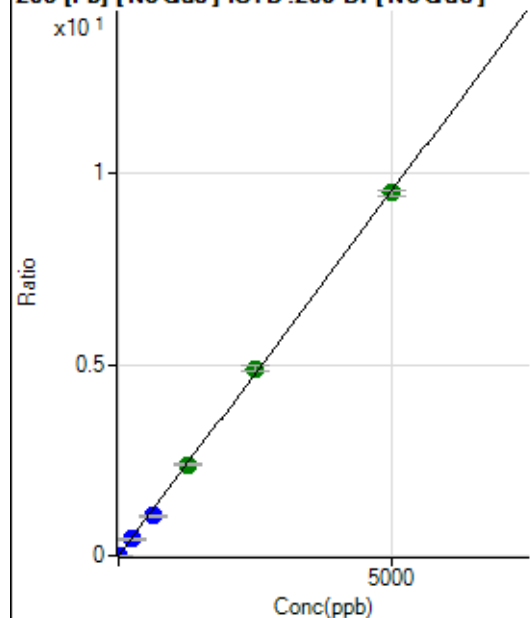
$$R = 0.9997$$

$$DL = 0.03687$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.82	0.0002	P	5.5
2	☐	1.000	0.806	2131.70	0.0017	P	2.9
3	☐	250.000	230.155	518006.85	0.4391	P	10.4
4	☐	625.000	543.966	1294139.43	1.0375	P	1.3
5	☐	1250.000	1249.460	3063776.34	2.3828	A	2.9
6	☐	2500.000	2567.910	6251761.36	4.8969	A	3.3
7	☐	5000.000	4977.301	12804007.81	9.4914	A	1.2
8	☐			5612.41	0.0045	P	5.2

$$y = 0.0019 * x + 1.7150E-004$$

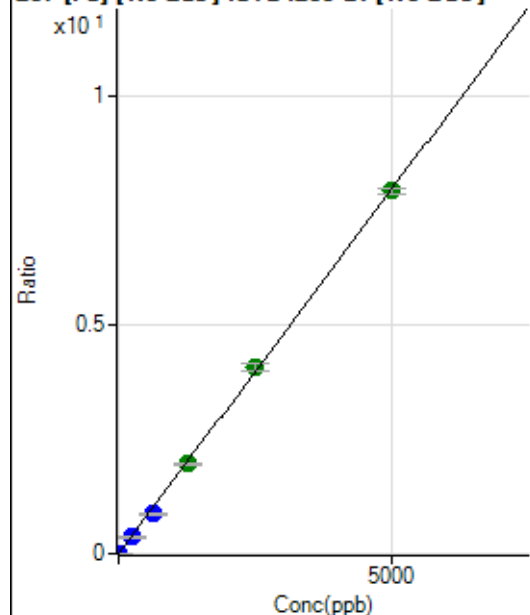
$$R = 0.9997$$

$$DL = 0.01471$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0001	P	11.5
2	☐	1.000	0.889	1911.28	0.0015	P	14.6
3	☐	250.000	228.338	429279.04	0.3636	P	9.4
4	☐	625.000	541.835	1076136.79	0.8627	P	1.1
5	☐	1250.000	1236.691	2531138.72	1.9689	A	1.9
6	☐	2500.000	2566.823	5216281.31	4.0864	A	3.6
7	☐	5000.000	4981.395	10698714.53	7.9303	A	1.8
8	☐			4745.38	0.0038	P	3.3

$$y = 0.0016 * x + 1.1986E-004$$

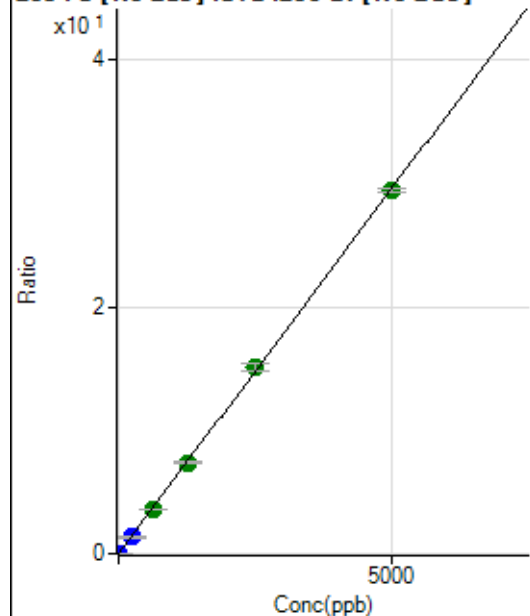
$$R = 0.9997$$

$$DL = 0.02605$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	694.65	0.0006	P	5.1
2	☐	1.000	0.845	6921.86	0.0056	P	3.2
3	☐	250.000	231.302	1613969.37	1.3678	P	10.2
4	☐	625.000	598.567	4414298.66	3.5387	A	1.0
5	☐	1250.000	1245.190	9463763.44	7.3609	A	2.3
6	☐	2500.000	2566.621	19364477.28	15.172	A	3.9
7	☐	5000.000	4972.131	39648099.51	29.391	A	1.0
8	☐			17484.77	0.0139	P	5.1

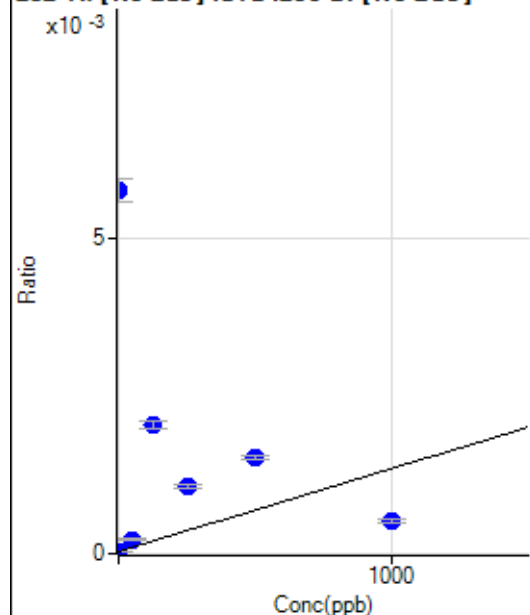
$$y = 0.0059 * x + 5.5418E-004$$

$$R = 0.9998$$

$$DL = 0.0143$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	43.2
2	☐	1.000	4347.878	7179.89	0.0058	P	6.5
3	☐	50.000	142.098	262.97	0.0002	P	20.6
4	☐	125.000	1528.968	2554.01	0.0020	P	6.6
5	☐	250.000	783.091	1370.47	0.0011	P	5.5
6	☐	500.000	1131.014	1946.48	0.0015	P	3.5
7	☐	1000.000	366.773	700.03	0.0005	P	11.1
8	☐			70.37	0.0001	P	12.0

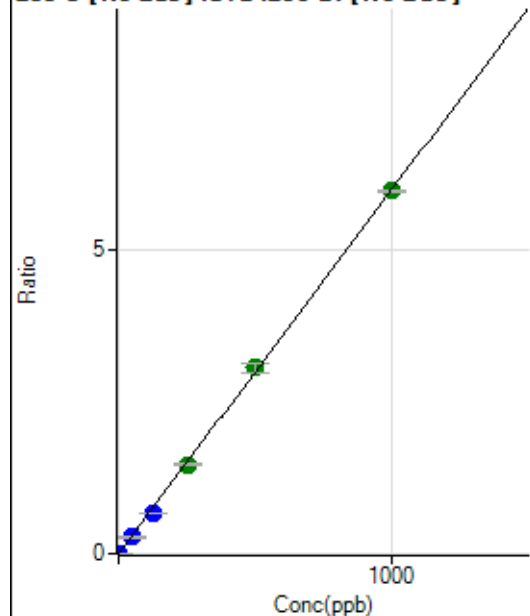
$$y = 1.3168\text{E-}006 * x + 3.5455\text{E-}005$$

$$R = -0.2904$$

$$DL = 34.87$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	33.1
2	☐	1.000	0.834	6226.67	0.0050	P	7.1
3	☐	50.000	46.829	330357.99	0.2800	P	10.2
4	☐	125.000	111.333	830233.95	0.6656	P	1.5
5	☐	250.000	243.781	1873725.51	1.4574	A	2.1
6	☐	500.000	511.485	3901389.61	3.0578	A	4.8
7	☐	1000.000	997.679	8046295.88	5.9645	A	0.6
8	☐			1136.19	0.0009	P	3.9

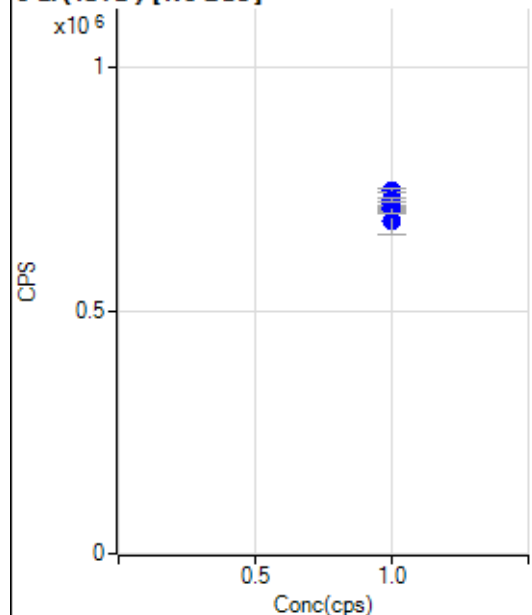
$$y = 0.0060 * x + 1.1030\text{E-}005$$

$$R = 0.9998$$

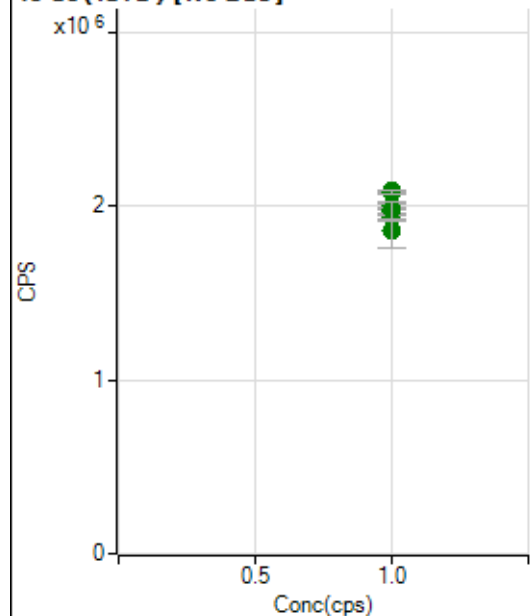
$$DL = 0.001832$$

Weight: <None>

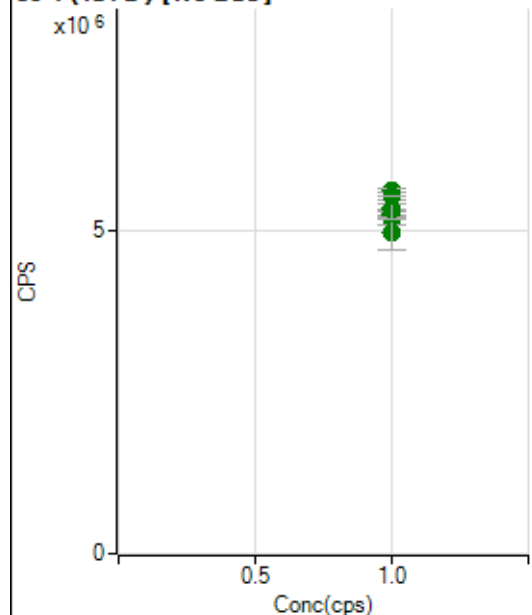
Min Conc: 0

6 Li (ISTD) [No Gas]

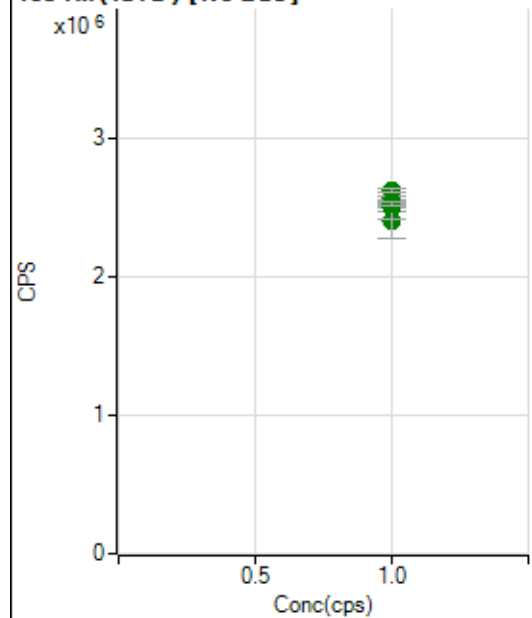
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		710909.75		P	1.7
2	☐	1.000		706223.71		P	1.4
3	☐	1.000		682638.26		P	7.2
4	☐	1.000		708987.97		P	1.4
5	☐	1.000		718999.10		P	0.9
6	☐	1.000		712852.69		P	3.6
7	☐	1.000		746337.62		P	1.1
8	☐	1.000		729332.48		P	1.2

45 Sc (ISTD) [No Gas]

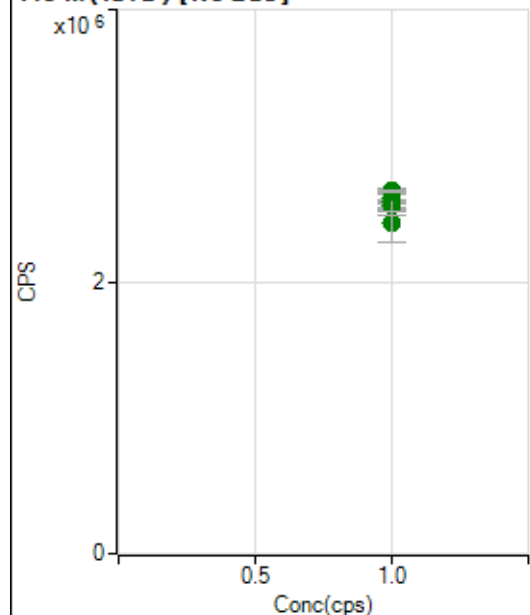
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1933876.34		A	2.1
2	☐	1.000		1969471.46		A	2.1
3	☐	1.000		1854986.43		A	10.4
4	☐	1.000		1966678.03		A	2.2
5	☐	1.000		1998807.45		A	1.9
6	☐	1.000		1975344.33		A	4.9
7	☐	1.000		2086338.89		A	0.3
8	☐	1.000		2078715.27		A	1.2

89 Y(ISTD) [No Gas]

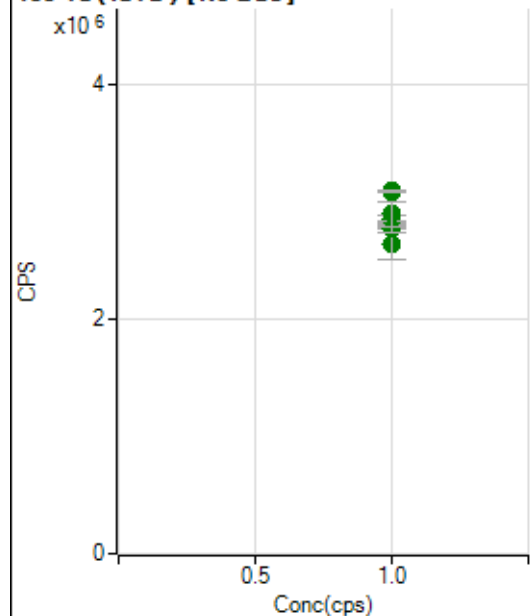
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5155409.61		A	2.7
2	☐	1.000		5219552.53		A	2.0
3	☐	1.000		4944999.75		A	10.1
4	☐	1.000		5255416.97		A	2.2
5	☐	1.000		5342322.87		A	2.2
6	☐	1.000		5316511.41		A	5.9
7	☐	1.000		5601611.65		A	0.9
8	☐	1.000		5522818.67		A	0.1

103 Rh(ISTD) [No Gas]

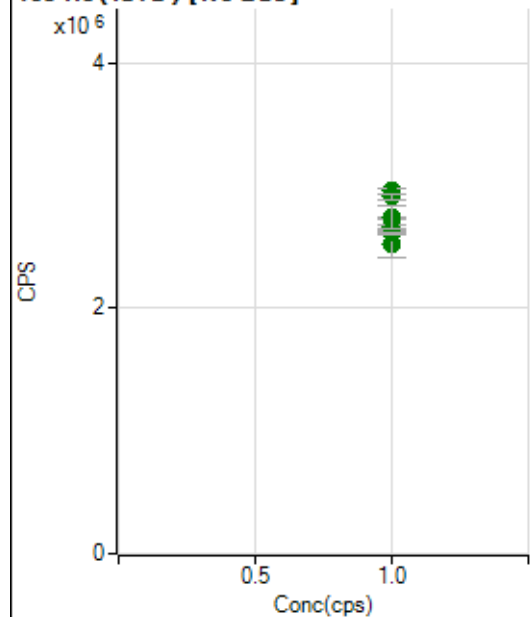
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2502683.07		A	2.4
2	☐	1.000		2519590.62		A	1.4
3	☐	1.000		2402417.13		A	9.9
4	☐	1.000		2536447.98		A	2.2
5	☐	1.000		2570067.59		A	1.9
6	☐	1.000		2502337.85		A	6.6
7	☐	1.000		2624638.38		A	1.1
8	☐	1.000		2528895.31		A	0.9

115 In (ISTD) [No Gas]

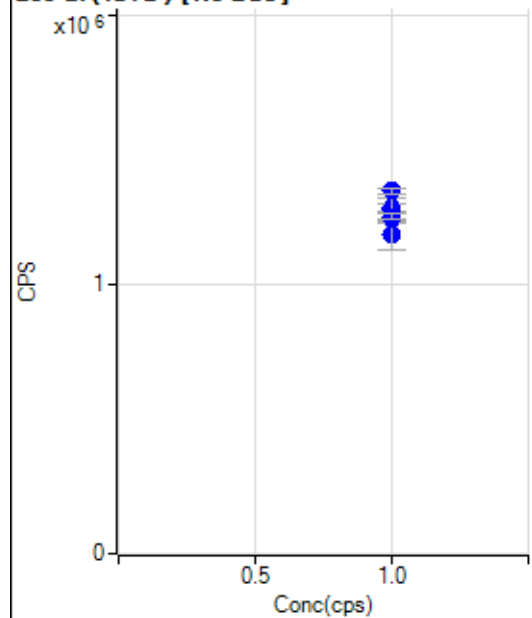
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2553273.17		A	2.2
2	☐	1.000		2559105.27		A	1.3
3	☐	1.000		2430555.14		A	11.3
4	☐	1.000		2559629.05		A	3.1
5	☐	1.000		2609936.46		A	2.4
6	☐	1.000		2584930.23		A	7.5
7	☐	1.000		2668505.23		A	0.7
8	☐	1.000		2663683.88		A	0.7

159 Tb (ISTD) [No Gas]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2805465.30		A	1.9
2	☐	1.000		2779002.18		A	2.6
3	☐	1.000		2636023.88		A	9.7
4	☐	1.000		2773995.06		A	2.3
5	☐	1.000		2854642.21		A	1.9
6	☐	1.000		2894048.88		A	7.0
7	☐	1.000		3085292.59		A	0.7
8	☐	1.000		3092434.15		A	0.5

165 Ho (ISTD) [No Gas]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2659066.04		A	1.8
2	☐	1.000		2652108.03		A	1.8
3	☐	1.000		2521187.62		A	9.0
4	☐	1.000		2612107.51		A	0.5
5	☐	1.000		2729440.27		A	0.8
6	☐	1.000		2736259.85		A	6.8
7	☐	1.000		2954040.62		A	1.2
8	☐	1.000		2904959.75		A	1.7

209 Bi (ISTD) [No Gas]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1253422.97		P	2.5
2	☐	1.000		1247797.61		P	2.7
3	☐	1.000		1187718.48		P	9.6
4	☐	1.000		1247646.56		P	2.6
5	☐	1.000		1285878.83		P	2.1
6	☐	1.000		1278446.03		P	6.4
7	☐	1.000		1349065.41		P	1.4
8	☐	1.000		1253940.53		P	1.5

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7030122-MS.b
Acq. Date-Time 2022-03-01 16:09:30
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		4877	48769.74			2.688	5.000
24		39069	390690.76			2.583	5.000
25		5268	52684.15			2.586	5.000
26		6146	61462.91			3.201	5.000
59		11853	118533.70			2.614	5.000
113		5654	56542.79			2.972	5.000
115		17148	171476.36			3.015	5.000
206		6275	62751.66			2.996	5.000
207		5517	55172.78			3.107	5.000
208		13003	130030.01			2.445	5.000
220		1	7.90			16.983	

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

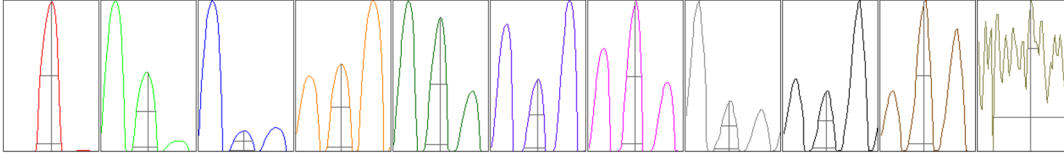
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4888	5006	4885	4660	4945
24	39255	40091	38885	37454	39661
25	5297	5386	5232	5052	5375
26	6234	6284	6152	5805	6256
59	11848	12120	11795	11372	12132
113	5711	5815	5581	5397	5766
115	17457	17649	16841	16395	17396
206	6395	6448	6151	6007	6375
207	5643	5695	5383	5295	5570
208	13244	13337	12771	12584	13079

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	9051.56	9.05	8.90 - 9.10	
24	69046.14	24.00	23.90 - 24.10	
25	9258.72	24.95	24.90 - 25.10	
26	10720.29	25.95	25.90 - 26.10	
59	24256.10	59.00	58.90 - 59.10	
113	12251.32	113.00	112.90 - 113.10	
115	37362.64	115.00	114.90 - 115.10	
206	13285.57	205.90	205.90 - 206.10	
207	11116.35	206.90	206.90 - 207.10	
208	27764.40	207.90	207.90 - 208.10	
220	1.10	220.20	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.776	0.900	
24	0.60	0.779	0.900	
25	0.59	0.786	0.900	
26	0.60	0.788	0.900	
59	0.51	0.723	0.900	
113	0.47	0.681	0.900	
115	0.47	0.681	0.900	
206	0.49	0.772	0.900	
207	0.47	0.752	0.900	
208	0.47	0.789	0.900	
220	0.31	2.292		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.62 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.9 V	Deflect	15.2 V
Extract 2	-145.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	121	Axis Gain	0.9998	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	0.9 mm
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EM

Discriminator	3.2 mV	Analog HV	2157 V	Pulse HV	1442 V
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LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:45:58	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.01	-0.03	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.03	0.10	-0.06	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Boron	10-1	-0.53	0.40	0.13	0.00	N/A	ppb
Boron	11-1	0.10	-0.10	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.00	-0.06	0.00	N/A	ppb
Cadmium	106-1	0.81	-0.19	-0.62	0.00	N/A	ppb
Cadmium	108-1	0.18	-0.24	0.06	0.00	N/A	ppb
Calcium	43-1	2.85	-3.28	0.44	0.00	N/A	ppb
Calcium	44-1	-1.27	2.59	-1.31	0.00	N/A	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.04	0.02	0.03	0.00	N/A	ppb
Cobalt	59-1	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-1	-0.02	-0.04	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	56-1	7.18	-6.62	-0.56	0.00	N/A	ppb
Iron	57-1	-4.15	3.39	0.76	0.00	N/A	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-1	-0.06	0.07	-0.01	0.00	N/A	ppb
Manganese	55-1	-0.03	-0.02	0.05	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:45:58	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.02	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Phosphorus	31-1	-7.63	-9.08	-9.69	-8.80		ppb
Potassium	39-1	4.76	-2.10	-2.66	0.00	N/A	ppb
Rhodium	103-1				100		%
Scandium	45-1				100		%
Selenium	77-1	0.05	0.05	-0.10	0.00	N/A	ppb
Selenium	78-1	6.12	-2.71	-3.41	0.00	N/A	ppb
Selenium	82-1	1.75	0.94	-2.69	0.00	N/A	ppb
Silicon	28-1	-1.42	4.07	-2.66	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-1	0.17	0.03	-0.20	0.00	N/A	ppb
Strontium	86-1	-0.02	0.20	-0.18	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	4.05	1035.65	-102.93	312.26	201.36	ppb
Terbium	159-1				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.01	0.00	N/A	ppb
Thorium	232-1	13.41	-6.21	-7.20	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb
Titanium	47-1	-0.03	0.00	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-1	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Zinc	66-1	0.03	0.01	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.02	0.01	0.00	N/A	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:48:43	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	18.24	18.23	18.57	18.35	1.05	ppb
Antimony	121-1	1.82	1.79	2.05	1.88	7.47	ppb
Arsenic	75-1	1.27	0.82	0.76	0.95	29.56	ppb
Barium	135-1	9.14	9.43	10.00	9.52	4.61	ppb
Barium	137-1	9.16	9.60	10.17	9.64	5.27	ppb
Beryllium	9-1	0.94	1.02	1.12	1.02	8.84	ppb
Bismuth	209-1				100		%
Boron	10-1	24.21	21.63	22.99	22.94	5.63	ppb
Boron	11-1	21.59	22.12	26.41	23.37	11.31	ppb
Bromine	81-1						cps
Cadmium	111-1	1.07	0.97	1.15	1.06	8.12	ppb
Cadmium	106-1	1.62	0.53	2.12	1.42	57.23	ppb
Cadmium	108-1	1.26	0.84	0.82	0.98	25.65	ppb
Calcium	43-1	494.57	490.28	503.28	496.04	1.34	ppb
Calcium	44-1	486.77	505.07	507.78	499.88	2.29	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.77	1.74	1.80	1.77	1.84	ppb
Cobalt	59-1	0.93	0.93	0.97	0.94	2.67	ppb
Copper	63-1	1.81	1.87	1.94	1.88	3.38	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	56-1	47.98	39.67	49.11	45.59	11.30	ppb
Iron	57-1	45.16	54.62	37.17	45.65	19.14	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.83	0.80	0.81	3.20	ppb
Lead	207-1	0.82	0.79	1.05	0.89	15.88	ppb
Lead	208-1	0.82	0.84	0.88	0.85	3.58	ppb
Lithium	6-1				99		%
Magnesium	24-1	460.05	453.76	455.00	456.27	0.73	ppb
Manganese	55-1	1.00	1.00	1.01	1.00	0.38	ppb
Molybdenum	94-1	5.38	5.68	5.96	5.68	5.12	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:48:43	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4.49	4.65	4.94	4.69	4.90	ppb
Molybdenum	96-1	5.03	5.21	5.01	5.08	2.16	ppb
Molybdenum	97-1	4.71	5.07	4.96	4.92	3.76	ppb
Molybdenum	98-1	4.67	4.81	4.95	4.81	2.90	ppb
Neodymium	150-1						cps
Nickel	60-1	0.90	0.99	0.91	0.93	5.40	ppb
Phosphorus	31-1	7.83	10.51	8.07	8.80	16.83	ppb
Potassium	39-1	451.06	443.56	459.77	451.47	1.80	ppb
Rhodium	103-1				101		%
Scandium	45-1				102		%
Selenium	77-1	7.29	4.25	3.09	4.87	44.49	ppb
Selenium	78-1	4.61	1.68	0.92	2.40	81.01	ppb
Selenium	82-1	-0.56	6.93	9.62	5.33	98.90	ppb
Silicon	28-1	0.00	3.69	67.75	23.81	159.97	ppb
Silver	107-1	0.86	0.98	0.99	0.94	7.98	ppb
Silver	109-1	0.89	0.99	1.09	0.99	10.03	ppb
Sodium	23-1	464.74	463.48	461.25	463.16	0.38	ppb
Strontium	86-1	0.27	1.10	1.05	0.80	58.11	ppb
Strontium	88-1	0.93	0.90	1.02	0.95	6.43	ppb
Sulfur	34-1	-775.86	-488.13	327.23	-312.26		ppb
Terbium	159-1				99		%
Thallium	203-1	0.83	0.85	0.82	0.83	2.19	ppb
Thallium	205-1	0.86	0.83	0.91	0.87	5.13	ppb
Thorium	232-1	4030.97	4431.51	4581.16	4347.88	6.54	ppb
Tin	118-1	4.44	4.97	4.95	4.78	6.33	ppb
Titanium	47-1	4.38	4.93	5.14	4.82	8.13	ppb
Uranium	238-1	0.80	0.80	0.90	0.83	7.07	ppb
Vanadium	51-1	4.43	4.40	4.60	4.48	2.43	ppb
Yttrium	89-1				101		%
Zinc	66-1	1.96	1.85	2.01	1.94	4.33	ppb
Zirconium	90-1	0.98	0.94	1.00	0.97	2.83	ppb
Zirconium	91-1	0.84	0.97	1.02	0.94	9.88	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:54:13	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	931.86	936.88	943.44	937.39	0.62	ppb
Antimony	121-1	58.59	49.80	49.59	52.66	9.75	ppb
Arsenic	75-1	49.16	47.51	48.05	48.24	1.75	ppb
Barium	135-1	296.99	248.98	249.13	265.04	10.44	ppb
Barium	137-1	296.21	245.90	245.38	262.50	11.12	ppb
Beryllium	9-1	58.50	51.64	49.88	53.34	8.54	ppb
Bismuth	209-1				95		%
Boron	10-1	51.46	49.25	53.53	51.42	4.16	ppb
Boron	11-1	51.39	50.45	49.32	50.39	2.06	ppb
Bromine	81-1						cps
Cadmium	111-1	63.39	53.54	53.78	56.90	9.88	ppb
Cadmium	106-1	62.12	54.93	53.98	57.01	7.81	ppb
Cadmium	108-1	61.04	52.67	52.96	55.56	8.54	ppb
Calcium	43-1	6488.14	5424.91	5341.77	5751.61	11.11	ppb
Calcium	44-1	6344.49	5288.03	5124.83	5585.78	11.85	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	47.74	47.69	47.40	47.61	0.39	ppb
Cobalt	59-1	48.14	47.77	47.49	47.80	0.69	ppb
Copper	63-1	508.24	507.06	506.16	507.15	0.21	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				95		%
Indium	115-1				95		%
Iron	56-1	2531.44	2492.39	2523.79	2515.88	0.82	ppb
Iron	57-1	2470.19	2468.74	2483.23	2474.05	0.32	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	257.75	216.89	215.83	230.15	10.39	ppb
Lead	207-1	253.05	217.49	214.47	228.34	9.40	ppb
Lead	208-1	258.37	219.46	216.07	231.30	10.16	ppb
Lithium	6-1				96		%
Magnesium	24-1	4680.01	4697.88	4720.91	4699.60	0.44	ppb
Manganese	55-1	492.33	488.28	493.26	491.29	0.54	ppb
Molybdenum	94-1	644.29	536.07	535.88	572.08	10.93	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:54:13	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	635.85	531.16	541.04	569.35	10.15	ppb
Molybdenum	96-1	641.57	537.65	547.53	575.59	9.97	ppb
Molybdenum	97-1	646.34	544.03	547.75	579.37	10.02	ppb
Molybdenum	98-1	666.76	553.50	555.51	591.92	10.95	ppb
Neodymium	150-1						cps
Nickel	60-1	48.36	48.39	48.57	48.44	0.24	ppb
Phosphorus	31-1	958.05	959.04	947.70	954.93	0.66	ppb
Potassium	39-1	2400.28	2406.66	2403.66	2403.53	0.13	ppb
Rhodium	103-1				96		%
Scandium	45-1				96		%
Selenium	77-1	57.23	51.73	44.49	51.15	12.49	ppb
Selenium	78-1	50.42	49.93	48.96	49.77	1.50	ppb
Selenium	82-1	60.07	50.18	55.88	55.38	8.96	ppb
Silicon	28-1	154.30	103.89	98.49	118.89	25.89	ppb
Silver	107-1	61.47	51.46	52.45	55.13	10.01	ppb
Silver	109-1	61.49	51.70	52.54	55.24	9.82	ppb
Sodium	23-1	4749.66	4843.97	4813.10	4802.24	1.00	ppb
Strontium	86-1	593.64	495.56	498.52	529.24	10.54	ppb
Strontium	88-1	609.79	508.04	509.39	542.41	10.76	ppb
Sulfur	34-1	6262.60	993.15	660.30	2638.68	119.11	ppb
Terbium	159-1				94		%
Thallium	203-1	54.55	45.39	45.44	48.46	10.88	ppb
Thallium	205-1	52.70	45.28	44.65	47.54	9.42	ppb
Thorium	232-1	160.83	101.95	163.52	142.10	24.49	ppb
Tin	118-1	60.71	50.15	51.18	54.01	10.78	ppb
Titanium	47-1	658.55	552.81	543.05	584.81	10.95	ppb
Uranium	238-1	52.29	44.62	43.57	46.83	10.17	ppb
Vanadium	51-1	46.98	46.78	47.31	47.02	0.56	ppb
Yttrium	89-1				96		%
Zinc	66-1	482.17	483.87	481.41	482.48	0.26	ppb
Zirconium	90-1	59.14	49.99	49.50	52.88	10.27	ppb
Zirconium	91-1	59.85	49.63	49.69	53.05	11.09	ppb

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 16:56:57 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	2341.63	2360.50	2363.16	2355.10	0.50	ppb
Antimony	121-1	126.49	126.68	122.05	125.07	2.09	ppb
Arsenic	75-1	122.15	123.11	124.17	123.14	0.82	ppb
Barium	135-1	628.89	638.71	607.18	624.93	2.58	ppb
Barium	137-1	621.75	626.69	607.12	618.52	1.65	ppb
Beryllium	9-1	129.95	127.69	127.44	128.36	1.08	ppb
Bismuth	209-1				100		%
Boron	10-1	121.85	124.12	134.66	126.87	5.39	ppb
Boron	11-1	119.47	125.94	129.59	125.00	4.10	ppb
Bromine	81-1						cps
Cadmium	111-1	137.51	135.40	129.79	134.23	2.97	ppb
Cadmium	106-1	138.25	134.90	130.92	134.69	2.72	ppb
Cadmium	108-1	139.36	132.65	135.56	135.86	2.48	ppb
Calcium	43-1	13750.71	13484.98	13382.81	13539.50	1.40	ppb
Calcium	44-1	13132.13	13077.18	12957.63	13055.65	0.68	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	118.03	119.48	119.25	118.92	0.66	ppb
Cobalt	59-1	116.91	118.32	119.25	118.16	1.00	ppb
Copper	63-1	1234.97	1270.42	1271.34	1258.91	1.65	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				100		%
Iron	56-1	6105.13	6324.94	6280.42	6236.83	1.86	ppb
Iron	57-1	6093.88	6257.36	6356.09	6235.78	2.12	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	551.29	536.67	543.94	543.97	1.34	ppb
Lead	207-1	548.28	540.61	536.62	541.84	1.09	ppb
Lead	208-1	605.15	597.77	592.78	598.57	1.04	ppb
Lithium	6-1				100		%
Magnesium	24-1	11701.32	11946.65	11843.19	11830.39	1.04	ppb
Manganese	55-1	1208.60	1247.60	1221.67	1225.96	1.62	ppb
Molybdenum	94-1	1407.57	1380.78	1362.33	1383.56	1.64	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:56:57	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1399.05	1380.20	1359.33	1379.53	1.44	ppb
Molybdenum	96-1	1413.52	1387.40	1358.43	1386.45	1.99	ppb
Molybdenum	97-1	1412.43	1375.91	1403.43	1397.26	1.36	ppb
Molybdenum	98-1	1417.36	1367.54	1379.41	1388.11	1.87	ppb
Neodymium	150-1						cps
Nickel	60-1	119.08	119.68	120.31	119.69	0.51	ppb
Phosphorus	31-1	2368.58	2397.48	2370.73	2378.93	0.68	ppb
Potassium	39-1	6004.43	5997.94	6064.03	6022.13	0.60	ppb
Rhodium	103-1				101		%
Scandium	45-1				102		%
Selenium	77-1	122.24	113.55	126.15	120.65	5.35	ppb
Selenium	78-1	134.58	126.87	120.68	127.38	5.47	ppb
Selenium	82-1	130.13	121.65	131.52	127.77	4.18	ppb
Silicon	28-1	169.54	170.64	159.86	166.68	3.56	ppb
Silver	107-1	132.04	131.84	127.95	130.61	1.77	ppb
Silver	109-1	130.77	132.15	127.36	130.10	1.89	ppb
Sodium	23-1	12003.32	12172.12	12135.24	12103.56	0.73	ppb
Strontium	86-1	1299.93	1276.60	1250.98	1275.84	1.92	ppb
Strontium	88-1	1286.88	1266.41	1254.50	1269.26	1.29	ppb
Sulfur	34-1	2944.25	2179.22	1275.52	2133.00	39.16	ppb
Terbium	159-1				99		%
Thallium	203-1	116.09	112.86	113.32	114.09	1.53	ppb
Thallium	205-1	112.03	111.11	111.68	111.61	0.42	ppb
Thorium	232-1	1601.76	1573.75	1411.39	1528.97	6.72	ppb
Tin	118-1	128.09	126.14	121.01	125.08	2.92	ppb
Titanium	47-1	1389.67	1382.12	1346.75	1372.85	1.67	ppb
Uranium	238-1	113.13	109.89	110.98	111.33	1.48	ppb
Vanadium	51-1	115.78	118.96	117.97	117.57	1.38	ppb
Yttrium	89-1				102		%
Zinc	66-1	1268.81	1286.15	1274.02	1276.33	0.70	ppb
Zirconium	90-1	125.39	122.30	121.37	123.02	1.71	ppb
Zirconium	91-1	127.00	124.25	121.64	124.30	2.16	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:59:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	4690.04	4820.09	4766.89	4759.01	1.37	ppb
Antimony	121-1	242.43	252.09	244.26	246.26	2.08	ppb
Arsenic	75-1	247.73	249.75	248.16	248.55	0.43	ppb
Barium	135-1	1189.39	1245.91	1204.51	1213.27	2.41	ppb
Barium	137-1	1254.35	1278.51	1262.64	1265.17	0.97	ppb
Beryllium	9-1	249.07	258.78	252.22	253.36	1.96	ppb
Bismuth	209-1				103		%
Boron	10-1	235.38	246.22	252.54	244.71	3.55	ppb
Boron	11-1	229.36	250.88	252.72	244.32	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	262.25	268.71	259.99	263.65	1.72	ppb
Cadmium	106-1	260.47	263.44	261.26	261.72	0.59	ppb
Cadmium	108-1	264.36	267.63	264.53	265.51	0.69	ppb
Calcium	43-1	26054.15	27308.35	26131.35	26497.95	2.65	ppb
Calcium	44-1	25018.58	26093.48	25210.24	25440.77	2.25	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	246.14	248.75	244.45	246.45	0.88	ppb
Cobalt	59-1	248.50	256.66	250.39	251.85	1.70	ppb
Copper	63-1	2500.56	2516.10	2516.90	2511.18	0.37	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				102		%
Iron	56-1	12423.14	12715.97	12511.02	12550.04	1.20	ppb
Iron	57-1	12517.43	12687.97	12677.97	12627.79	0.76	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	1212.22	1285.64	1250.52	1249.46	2.94	ppb
Lead	207-1	1235.26	1260.33	1214.48	1236.69	1.86	ppb
Lead	208-1	1224.84	1277.54	1233.19	1245.19	2.27	ppb
Lithium	6-1				101		%
Magnesium	24-1	23444.00	24358.06	23877.82	23893.29	1.91	ppb
Manganese	55-1	2448.01	2483.14	2448.00	2459.72	0.82	ppb
Molybdenum	94-1	2685.74	2883.51	2809.34	2792.86	3.58	ppb

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 16:59:43 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	2701.70	2865.70	2743.35	2770.25	3.08	ppb
Molybdenum	96-1	2668.82	2839.82	2743.14	2750.59	3.12	ppb
Molybdenum	97-1	2670.47	2874.04	2775.66	2773.39	3.67	ppb
Molybdenum	98-1	2688.08	2856.65	2741.63	2762.12	3.12	ppb
Neodymium	150-1						cps
Nickel	60-1	236.19	241.55	239.00	238.91	1.12	ppb
Phosphorus	31-1	4857.99	4970.63	4945.05	4924.56	1.20	ppb
Potassium	39-1	11953.40	12172.52	12139.51	12088.48	0.98	ppb
Rhodium	103-1				103		%
Scandium	45-1				103		%
Selenium	77-1	246.37	250.42	256.66	251.15	2.06	ppb
Selenium	78-1	253.35	245.84	247.31	248.83	1.60	ppb
Selenium	82-1	249.21	270.30	254.00	257.84	4.29	ppb
Silicon	28-1	270.82	296.29	279.94	282.35	4.57	ppb
Silver	107-1	252.71	258.89	252.20	254.60	1.46	ppb
Silver	109-1	252.98	260.51	250.96	254.82	1.97	ppb
Sodium	23-1	23821.60	24293.07	24369.31	24161.33	1.23	ppb
Strontium	86-1	2494.47	2618.45	2481.16	2531.36	2.99	ppb
Strontium	88-1	2471.01	2579.66	2476.05	2508.91	2.44	ppb
Sulfur	34-1	5437.79	5790.39	4387.10	5205.09	14.02	ppb
Terbium	159-1				102		%
Thallium	203-1	222.15	232.27	220.26	224.89	2.87	ppb
Thallium	205-1	213.95	249.37	248.98	237.44	8.57	ppb
Thorium	232-1	796.93	819.33	733.02	783.09	5.72	ppb
Tin	118-1	247.76	251.17	242.34	247.09	1.80	ppb
Titanium	47-1	2729.95	2832.14	2681.94	2748.01	2.79	ppb
Uranium	238-1	240.87	249.57	240.90	243.78	2.06	ppb
Vanadium	51-1	244.05	248.01	243.08	245.05	1.07	ppb
Yttrium	89-1				104		%
Zinc	66-1	2466.49	2523.84	2488.20	2492.84	1.16	ppb
Zirconium	90-1	248.48	259.75	248.40	252.21	2.59	ppb
Zirconium	91-1	240.07	254.64	242.33	245.68	3.19	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:02:27	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9471.76	9699.86	9497.55	9556.39	1.31	ppb
Antimony	121-1	560.24	509.35	492.04	520.54	6.81	ppb
Arsenic	75-1	498.20	508.97	506.28	504.48	1.11	ppb
Barium	135-1	2787.34	2560.81	2440.26	2596.13	6.79	ppb
Barium	137-1	2754.70	2553.28	2418.91	2575.63	6.56	ppb
Beryllium	9-1	532.36	511.81	504.97	516.38	2.76	ppb
Bismuth	209-1				102		%
Boron	10-1	486.74	500.32	514.76	500.61	2.80	ppb
Boron	11-1	492.30	499.28	508.09	499.89	1.58	ppb
Bromine	81-1						cps
Cadmium	111-1	564.07	518.00	499.70	527.26	6.29	ppb
Cadmium	106-1	559.09	531.50	494.27	528.29	6.16	ppb
Cadmium	108-1	572.55	523.61	506.88	534.35	6.39	ppb
Calcium	43-1	56314.94	53712.85	51353.49	53793.76	4.61	ppb
Calcium	44-1	54545.70	51681.78	50115.78	52114.42	4.31	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	494.59	500.83	499.90	498.44	0.68	ppb
Cobalt	59-1	496.32	497.89	508.02	500.74	1.27	ppb
Copper	63-1	4986.57	5033.05	5049.91	5023.18	0.65	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				101		%
Iron	56-1	25115.45	25404.93	25550.41	25356.93	0.87	ppb
Iron	57-1	25147.09	25005.19	25324.63	25158.97	0.64	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2662.79	2537.79	2503.14	2567.91	3.27	ppb
Lead	207-1	2671.71	2529.58	2499.17	2566.82	3.59	ppb
Lead	208-1	2682.31	2521.65	2495.90	2566.62	3.94	ppb
Lithium	6-1				100		%
Magnesium	24-1	47900.38	48349.72	48745.88	48331.99	0.88	ppb
Manganese	55-1	4907.95	4985.33	4964.38	4952.55	0.81	ppb
Molybdenum	94-1	5967.41	5511.77	5419.11	5632.76	5.21	ppb

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 17:02:27 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5940.05	5459.06	5386.40	5595.17	5.38	ppb
Molybdenum	96-1	5958.92	5537.56	5416.05	5637.51	5.05	ppb
Molybdenum	97-1	5917.50	5521.45	5419.34	5619.43	4.68	ppb
Molybdenum	98-1	5883.58	5517.61	5436.93	5612.71	4.24	ppb
Neodymium	150-1						cps
Nickel	60-1	472.98	478.07	480.89	477.31	0.84	ppb
Phosphorus	31-1	9903.18	10071.79	10000.36	9991.78	0.85	ppb
Potassium	39-1	24356.06	24475.41	24732.84	24521.44	0.79	ppb
Rhodium	103-1				100		%
Scandium	45-1				102		%
Selenium	77-1	504.96	491.47	489.30	495.24	1.71	ppb
Selenium	78-1	498.22	510.22	502.69	503.71	1.20	ppb
Selenium	82-1	547.17	517.44	496.45	520.36	4.90	ppb
Silicon	28-1	544.02	520.18	507.14	523.78	3.57	ppb
Silver	107-1	567.11	517.73	488.78	524.54	7.55	ppb
Silver	109-1	560.76	514.70	504.71	526.73	5.68	ppb
Sodium	23-1	48044.39	49825.98	49374.31	49081.56	1.89	ppb
Strontium	86-1	5498.15	5084.40	4924.43	5168.99	5.73	ppb
Strontium	88-1	5472.76	5071.74	4933.79	5159.43	5.43	ppb
Sulfur	34-1	14339.41	10783.31	9548.09	11556.94	21.52	ppb
Terbium	159-1				103		%
Thallium	203-1	488.08	452.99	448.00	463.02	4.72	ppb
Thallium	205-1	526.20	505.93	503.89	512.01	2.41	ppb
Thorium	232-1	1170.05	1134.59	1088.41	1131.01	3.62	ppb
Tin	118-1	551.91	500.90	498.06	516.95	5.86	ppb
Titanium	47-1	5982.27	5598.21	5426.94	5669.14	5.02	ppb
Uranium	238-1	539.88	499.59	494.99	511.49	4.83	ppb
Vanadium	51-1	492.28	501.41	490.05	494.58	1.22	ppb
Yttrium	89-1				103		%
Zinc	66-1	4950.65	5030.04	5017.29	4999.33	0.85	ppb
Zirconium	90-1	540.65	509.65	498.51	516.27	4.23	ppb
Zirconium	91-1	532.72	494.84	475.36	500.97	5.82	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:05:14	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	19133.03	19500.99	19661.05	19431.69	1.39	ppb
Antimony	121-1	969.83	998.97	1002.77	990.52	1.82	ppb
Arsenic	75-1	989.90	1000.32	1005.11	998.44	0.78	ppb
Barium	135-1	4875.32	5014.52	4991.28	4960.37	1.50	ppb
Barium	137-1	4817.48	5069.34	4988.91	4958.58	2.59	ppb
Beryllium	9-1	976.86	1011.39	982.91	990.38	1.86	ppb
Bismuth	209-1				108		%
Boron	10-1	947.99	1014.14	1040.16	1000.77	4.75	ppb
Boron	11-1	942.66	1011.87	1049.96	1001.50	5.43	ppb
Bromine	81-1						cps
Cadmium	111-1	968.75	994.93	980.70	981.46	1.34	ppb
Cadmium	106-1	962.80	997.53	983.76	981.36	1.78	ppb
Cadmium	108-1	964.60	996.94	970.40	977.31	1.76	ppb
Calcium	43-1	101239.34	101163.28	103399.41	101934.01	1.25	ppb
Calcium	44-1	99802.27	99873.87	101068.35	100248.17	0.71	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	991.39	1005.99	1010.26	1002.55	0.99	ppb
Cobalt	59-1	992.24	999.92	1008.24	1000.13	0.80	ppb
Copper	63-1	9863.17	10057.39	10031.88	9984.15	1.06	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Indium	115-1				105		%
Iron	56-1	50480.46	51365.30	51464.14	51103.30	1.06	ppb
Iron	57-1	51076.44	51671.18	51488.26	51411.96	0.59	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4930.60	5047.49	4953.81	4977.30	1.24	ppb
Lead	207-1	4886.28	5058.36	4999.54	4981.39	1.76	ppb
Lead	208-1	4950.75	5030.54	4935.10	4972.13	1.03	ppb
Lithium	6-1				105		%
Magnesium	24-1	96990.27	97987.25	99492.91	98156.81	1.28	ppb
Manganese	55-1	9901.07	10078.52	10132.12	10037.23	1.20	ppb
Molybdenum	94-1	10788.95	11101.22	10872.02	10920.73	1.48	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:05:14	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	10744.45	11136.69	10956.30	10945.82	1.79	ppb
Molybdenum	96-1	10709.67	11152.50	10922.99	10928.39	2.03	ppb
Molybdenum	97-1	10740.97	11154.85	10894.74	10930.19	1.91	ppb
Molybdenum	98-1	10715.37	11033.99	11061.28	10936.88	1.76	ppb
Neodymium	150-1						cps
Nickel	60-1	1006.03	1016.71	1021.83	1014.86	0.79	ppb
Phosphorus	31-1	19669.25	20124.14	20327.69	20040.36	1.68	ppb
Potassium	39-1	49255.46	50339.74	50487.80	50027.66	1.34	ppb
Rhodium	103-1				105		%
Scandium	45-1				108		%
Selenium	77-1	983.54	1011.88	1012.31	1002.58	1.64	ppb
Selenium	78-1	993.91	995.08	1005.49	998.16	0.64	ppb
Selenium	82-1	975.09	1001.59	985.06	987.25	1.36	ppb
Silicon	28-1	937.59	969.29	1006.81	971.23	3.57	ppb
Silver	107-1	971.15	1004.72	981.00	985.62	1.75	ppb
Silver	109-1	963.48	998.44	991.68	984.53	1.88	ppb
Sodium	23-1	97850.87	99879.95	99879.66	99203.49	1.18	ppb
Strontium	86-1	9750.48	10023.17	9935.27	9902.97	1.41	ppb
Strontium	88-1	9824.71	10043.79	9872.09	9913.53	1.16	ppb
Sulfur	34-1	19190.93	19059.20	19152.47	19134.20	0.35	ppb
Terbium	159-1				110		%
Thallium	203-1	1027.18	1042.51	1008.94	1026.21	1.64	ppb
Thallium	205-1	995.44	1016.11	985.26	998.93	1.57	ppb
Thorium	232-1	360.80	326.29	413.22	366.77	11.93	ppb
Tin	118-1	972.64	998.03	1005.45	992.04	1.73	ppb
Titanium	47-1	10746.81	10857.92	11138.64	10914.46	1.85	ppb
Uranium	238-1	993.63	1004.07	995.34	997.68	0.56	ppb
Vanadium	51-1	988.82	1008.82	1017.45	1005.03	1.46	ppb
Yttrium	89-1				109		%
Zinc	66-1	9882.27	9992.26	10124.60	9999.71	1.21	ppb
Zirconium	90-1	983.64	1006.65	983.96	991.42	1.33	ppb
Zirconium	91-1	992.98	1010.03	998.58	1000.53	0.87	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:07:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	98512.38	100726.49	101284.09	100174.32	1.46	ppb
Antimony	121-1	0.73	0.75	0.75	0.74	1.86	ppb
Arsenic	75-1	0.74	0.73	0.41	0.63	29.66	ppb
Barium	135-1	2.20	2.24	1.94	2.13	7.55	ppb
Barium	137-1	2.22	2.27	2.26	2.25	1.15	ppb
Beryllium	9-1	0.48	0.31	0.41	0.40	20.60	ppb
Bismuth	209-1				100		%
Boron	10-1	62.73	53.81	46.18	54.24	15.27	ppb
Boron	11-1	60.61	51.10	42.76	51.49	17.35	ppb
Bromine	81-1						cps
Cadmium	111-1	0.42	0.34	0.44	0.40	13.52	ppb
Cadmium	106-1	0.45	0.67	0.82	0.65	28.30	ppb
Cadmium	108-1	-0.11	0.58	0.28	0.25	139.13	ppb
Calcium	43-1	504517.25	493222.58	499636.44	499125.42	1.13	ppb
Calcium	44-1	502706.38	495860.22	500524.81	499697.14	0.70	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	3.19	3.33	3.30	3.27	2.27	ppb
Cobalt	59-1	2.77	2.79	2.83	2.80	1.11	ppb
Copper	63-1	12.70	12.97	12.78	12.82	1.08	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				109		%
Indium	115-1				104		%
Iron	56-1	245933.40	251386.12	251904.43	249741.32	1.32	ppb
Iron	57-1	247839.39	250845.87	250402.55	249695.94	0.65	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2.33	2.12	2.33	2.26	5.41	ppb
Lead	207-1	2.37	2.21	2.33	2.30	3.44	ppb
Lead	208-1	2.39	2.15	2.26	2.27	5.34	ppb
Lithium	6-1				103		%
Magnesium	24-1	492347.16	502982.17	506502.35	500610.56	1.47	ppb
Manganese	55-1	5.29	5.20	5.14	5.21	1.54	ppb
Molybdenum	94-1	3.78	3.82	3.22	3.61	9.39	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:07:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	3.55	3.08	2.71	3.12	13.49	ppb
Molybdenum	96-1	4.29	3.90	3.64	3.94	8.32	ppb
Molybdenum	97-1	3.61	3.24	2.74	3.20	13.61	ppb
Molybdenum	98-1	3.71	3.07	2.74	3.18	15.55	ppb
Neodymium	150-1						cps
Nickel	60-1	6.02	5.98	6.07	6.03	0.76	ppb
Phosphorus	31-1	-0.80	2.56	2.31	1.36	137.68	ppb
Potassium	39-1	247173.90	251607.35	251427.72	250069.66	1.00	ppb
Rhodium	103-1				101		%
Scandium	45-1				107		%
Selenium	77-1	1.21	-0.10	-0.39	0.24	351.55	ppb
Selenium	78-1	-4.66	0.71	2.76	-0.40		ppb
Selenium	82-1	0.82	7.69	1.80	3.43	108.16	ppb
Silicon	28-1	94.31	96.28	103.49	98.03	4.93	ppb
Silver	107-1	0.41	0.39	0.33	0.38	11.76	ppb
Silver	109-1	0.40	0.36	0.38	0.38	4.36	ppb
Sodium	23-1	491624.32	505115.72	504174.96	500305.00	1.51	ppb
Strontium	86-1	6.54	6.68	6.36	6.52	2.45	ppb
Strontium	88-1	7.38	7.28	7.22	7.29	1.09	ppb
Sulfur	34-1	-2904.13	-2993.20	-2306.35	-2734.56		ppb
Terbium	159-1				110		%
Thallium	203-1	0.23	0.17	0.15	0.18	23.52	ppb
Thallium	205-1	0.19	0.17	0.14	0.17	16.20	ppb
Thorium	232-1	9.91	19.62	17.55	15.70	32.60	ppb
Tin	118-1	0.36	0.36	0.33	0.35	5.46	ppb
Titanium	47-1	2.01	1.42	1.57	1.67	18.43	ppb
Uranium	238-1	0.15	0.15	0.14	0.15	3.93	ppb
Vanadium	51-1	0.24	0.18	0.22	0.21	14.10	ppb
Yttrium	89-1				107		%
Zinc	66-1	16.64	16.85	17.12	16.87	1.43	ppb
Zirconium	90-1	0.52	0.52	0.51	0.52	0.66	ppb
Zirconium	91-1	0.56	0.44	0.61	0.54	16.60	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P7
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:37:33	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	479.35	477.76	479.47	478.86	0.20	ppb
Antimony	121-1	185.81	197.60	190.08	191.16	3.12	ppb
Arsenic	75-1	201.42	205.67	201.50	202.86	1.20	ppb
Barium	135-1	95.97	99.01	100.65	98.54	2.41	ppb
Barium	137-1	96.23	97.93	98.34	97.50	1.15	ppb
Beryllium	9-1	98.62	101.05	101.46	100.37	1.53	ppb
Bismuth	209-1				108		%
Boron	10-1	3.81	2.92	1.03	2.59	54.85	ppb
Boron	11-1	2.35	2.26	3.19	2.60	19.69	ppb
Bromine	81-1						cps
Cadmium	111-1	101.88	107.62	103.36	104.29	2.86	ppb
Cadmium	106-1	84.10	85.41	84.75	84.76	0.77	ppb
Cadmium	108-1	116.17	124.44	117.07	119.23	3.80	ppb
Calcium	43-1	2030.54	2049.21	2084.22	2054.65	1.33	ppb
Calcium	44-1	2011.66	2062.39	2095.06	2056.37	2.04	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	96.23	95.72	96.85	96.27	0.59	ppb
Cobalt	59-1	98.12	98.48	97.41	98.00	0.55	ppb
Copper	63-1	97.85	98.82	98.01	98.22	0.53	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				106		%
Indium	115-1				104		%
Iron	56-1	1958.51	1997.14	1973.34	1976.33	0.99	ppb
Iron	57-1	1934.94	1958.12	1931.52	1941.53	0.75	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	183.26	183.11	183.71	183.36	0.17	ppb
Lead	207-1	173.01	175.52	175.58	174.70	0.84	ppb
Lead	208-1	179.96	181.27	182.19	181.14	0.62	ppb
Lithium	6-1				105		%
Magnesium	24-1	1104.76	1094.17	1101.18	1100.04	0.49	ppb
Manganese	55-1	92.74	94.14	93.93	93.60	0.81	ppb
Molybdenum	94-1	4647.16	4685.39	4606.87	4646.47	0.85	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P7
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:37:33	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5577.35	5536.88	5569.67	5561.30	0.39	ppb
Molybdenum	96-1	5480.54	5491.18	5550.86	5507.53	0.69	ppb
Molybdenum	97-1	5527.27	5666.19	5605.90	5599.79	1.24	ppb
Molybdenum	98-1	5540.92	5595.77	5472.33	5536.34	1.12	ppb
Neodymium	150-1						cps
Nickel	60-1	106.76	106.76	105.58	106.37	0.64	ppb
Phosphorus	31-1	-10.12	-10.40	-11.36	-10.63		ppb
Potassium	39-1	1883.90	1892.93	1915.74	1897.52	0.86	ppb
Rhodium	103-1				104		%
Scandium	45-1				104		%
Selenium	77-1	202.04	195.67	212.76	203.49	4.25	ppb
Selenium	78-1	209.37	216.66	205.89	210.64	2.61	ppb
Selenium	82-1	209.85	216.48	211.99	212.78	1.59	ppb
Silicon	28-1	72.81	86.97	92.92	84.23	12.27	ppb
Silver	107-1	47.46	49.56	49.00	48.67	2.23	ppb
Silver	109-1	47.76	50.34	48.10	48.73	2.87	ppb
Sodium	23-1	1950.00	1976.18	1988.81	1971.66	1.00	ppb
Strontium	86-1	-0.30	-0.34	0.64	0.00	230020.30	ppb
Strontium	88-1	0.34	0.36	0.35	0.35	2.40	ppb
Sulfur	34-1	-4788.46	-4537.19	-4115.03	-4480.22		ppb
Terbium	159-1				107		%
Thallium	203-1	192.94	192.27	192.47	192.56	0.18	ppb
Thallium	205-1	197.05	192.97	198.73	196.25	1.51	ppb
Thorium	232-1	1.07	-2.18	-1.90	-1.00		ppb
Tin	118-1	0.04	0.13	0.03	0.06	88.70	ppb
Titanium	47-1	5513.49	5515.28	5617.01	5548.59	1.07	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	51.49	ppb
Vanadium	51-1	92.29	92.79	93.90	92.99	0.89	ppb
Yttrium	89-1				104		%
Zinc	66-1	190.33	191.57	191.25	191.05	0.34	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	10.03	ppb
Zirconium	91-1	0.09	0.15	0.16	0.13	28.73	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICB06	Instrumnet Name :	P7
Client Sample ID :	ICB06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:43:03	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.17	0.27	0.19	0.21	25.70	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	19.20	ppb
Arsenic	75-1	0.15	0.24	0.18	0.19	24.10	ppb
Barium	135-1	0.03	0.03	0.04	0.03	28.81	ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.00	0.03	0.05	0.03	87.62	ppb
Bismuth	209-1				107		%
Boron	10-1	0.24	-0.19	0.09	0.05	450.26	ppb
Boron	11-1	0.78	0.72	1.45	0.98	41.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.12	0.04	0.09	0.00	5873.67	ppb
Cadmium	106-1	-1.91	0.18	0.73	-0.33		ppb
Cadmium	108-1	-0.64	-0.07	-0.38	-0.36		ppb
Calcium	43-1	-2.31	2.44	-6.15	-2.01		ppb
Calcium	44-1	-1.04	2.85	-0.32	0.50	414.36	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	-0.06	-0.03	-0.11	-0.06		ppb
Cobalt	59-1	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-1	1.11	0.99	1.06	1.05	5.37	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				107		%
Indium	115-1				106		%
Iron	56-1	-25.96	-29.38	-31.88	-29.07		ppb
Iron	57-1	-19.40	-19.85	-22.17	-20.48		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.05	11.68	ppb
Lead	207-1	0.05	0.06	0.09	0.07	27.98	ppb
Lead	208-1	0.05	0.05	0.05	0.05	7.78	ppb
Lithium	6-1				104		%
Magnesium	24-1	0.36	0.58	0.69	0.54	30.14	ppb
Manganese	55-1	0.05	0.05	0.03	0.04	30.23	ppb
Molybdenum	94-1	0.23	0.28	0.37	0.29	24.37	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICB06	Instrumnet Name :	P7
Client Sample ID :	ICB06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:43:03	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.42	0.38	0.50	0.43	14.75	ppb
Molybdenum	96-1	0.30	0.37	0.38	0.35	12.22	ppb
Molybdenum	97-1	0.38	0.47	0.33	0.39	18.43	ppb
Molybdenum	98-1	0.37	0.43	0.37	0.39	9.03	ppb
Neodymium	150-1						cps
Nickel	60-1	0.01	0.02	-0.04	0.00		ppb
Phosphorus	31-1	-10.92	-10.71	-8.19	-9.94		ppb
Potassium	39-1	-17.93	-21.32	-23.80	-21.01		ppb
Rhodium	103-1				105		%
Scandium	45-1				102		%
Selenium	77-1	0.48	0.19	0.05	0.24	91.67	ppb
Selenium	78-1	-0.92	1.63	2.82	1.17	162.80	ppb
Selenium	82-1	-0.83	1.05	-5.22	-1.67		ppb
Silicon	28-1	-6.93	-0.21	-3.54	-3.56		ppb
Silver	107-1	0.06	0.10	0.09	0.08	23.36	ppb
Silver	109-1	0.07	0.07	0.07	0.07	1.87	ppb
Sodium	23-1	24.52	23.90	23.91	24.11	1.48	ppb
Strontium	86-1	-1.02	0.08	-0.36	-0.43		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00	5045.05	ppb
Sulfur	34-1	-4276.97	-2896.52	-3890.17	-3687.89		ppb
Terbium	159-1				106		%
Thallium	203-1	-0.07	-0.07	-0.05	-0.07		ppb
Thallium	205-1	-0.05	-0.04	-0.05	-0.05		ppb
Thorium	232-1	-8.19	-26.93	-23.77	-19.63		ppb
Tin	118-1	0.00	0.03	-0.03	0.00	1612.33	ppb
Titanium	47-1	0.18	0.20	0.46	0.28	56.35	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	141.05	ppb
Vanadium	51-1	0.01	0.01	0.01	0.01	56.92	ppb
Yttrium	89-1				104		%
Zinc	66-1	-0.10	-0.05	0.03	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	29.09	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P7
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:45:40	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	93983.77	94728.77	95721.42	94811.32	0.92	ppb
Antimony	121-1	1.01	1.11	1.03	1.05	5.07	ppb
Arsenic	75-1	1.68	1.99	2.24	1.97	14.15	ppb
Barium	135-1	1.13	1.39	1.36	1.30	11.25	ppb
Barium	137-1	1.29	1.44	1.37	1.37	5.46	ppb
Beryllium	9-1	0.26	0.29	0.26	0.27	6.52	ppb
Bismuth	209-1				110		%
Boron	10-1	1.77	0.76	1.82	1.45	41.48	ppb
Boron	11-1	1.35	1.61	1.74	1.57	12.75	ppb
Bromine	81-1						cps
Cadmium	111-1	0.42	0.46	0.33	0.40	15.47	ppb
Cadmium	106-1	-0.76	0.11	-0.70	-0.45		ppb
Cadmium	108-1	9.48	11.93	12.02	11.15	12.91	ppb
Calcium	43-1	95142.21	99274.43	98535.10	97650.58	2.26	ppb
Calcium	44-1	93109.62	97867.22	97854.71	96277.19	2.85	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	18.74	19.03	19.03	18.93	0.89	ppb
Cobalt	59-1	1.17	1.24	1.20	1.20	3.01	ppb
Copper	63-1	9.10	9.39	9.35	9.28	1.71	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Indium	115-1				107		%
Iron	56-1	98110.28	99542.86	100892.76	99515.30	1.40	ppb
Iron	57-1	97070.57	99523.86	100305.87	98966.77	1.71	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	4.49	4.35	4.59	4.47	2.71	ppb
Lead	207-1	4.15	3.96	4.30	4.13	4.18	ppb
Lead	208-1	4.27	4.10	4.46	4.28	4.21	ppb
Lithium	6-1				105		%
Magnesium	24-1	91745.67	92298.73	92713.06	92252.49	0.53	ppb
Manganese	55-1	6.88	6.92	7.13	6.98	1.90	ppb
Molybdenum	94-1	1536.54	1607.51	1585.66	1576.57	2.31	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P7
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:45:40	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1859.91	1918.03	1944.60	1907.51	2.27	ppb
Molybdenum	96-1	1810.40	1898.34	1921.45	1876.73	3.12	ppb
Molybdenum	97-1	1907.87	1964.44	1959.38	1943.90	1.61	ppb
Molybdenum	98-1	1865.41	1949.90	1964.80	1926.70	2.78	ppb
Neodymium	150-1						cps
Nickel	60-1	5.30	5.35	5.28	5.31	0.65	ppb
Phosphorus	31-1	96718.06	98118.72	97812.91	97549.90	0.75	ppb
Potassium	39-1	95235.71	94936.45	96619.97	95597.38	0.94	ppb
Rhodium	103-1				105		%
Scandium	45-1				108		%
Selenium	77-1	4.82	7.29	10.33	7.48	36.84	ppb
Selenium	78-1	1.08	-1.84	3.90	1.05	274.26	ppb
Selenium	82-1	6.31	-1.96	-0.18	1.39	313.69	ppb
Silicon	28-1	68.03	76.41	76.46	73.63	6.59	ppb
Silver	107-1	0.11	0.09	0.08	0.09	16.56	ppb
Silver	109-1	0.12	0.11	0.10	0.11	8.57	ppb
Sodium	23-1	96363.91	97039.41	96923.27	96775.53	0.37	ppb
Strontium	86-1	30.82	32.50	30.85	31.39	3.06	ppb
Strontium	88-1	31.03	32.64	32.75	32.14	2.99	ppb
Sulfur	34-1	117333.20	118630.48	121452.64	119138.77	1.77	ppb
Terbium	159-1				111		%
Thallium	203-1	0.34	0.42	0.44	0.40	13.46	ppb
Thallium	205-1	0.30	0.44	0.48	0.41	22.57	ppb
Thorium	232-1	-14.71	5.59	-1.16	-3.43		ppb
Tin	118-1	0.07	0.15	0.17	0.13	39.90	ppb
Titanium	47-1	1895.86	1994.72	2013.74	1968.11	3.22	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	23.57	ppb
Vanadium	51-1	0.71	1.15	1.47	1.11	34.49	ppb
Yttrium	89-1				107		%
Zinc	66-1	11.02	11.34	11.55	11.31	2.34	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	24.15	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	7.00	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P7
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:48:13	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	94038.76	95044.67	93326.80	94136.74	0.92	ppb
Antimony	121-1	19.49	18.96	19.08	19.18	1.46	ppb
Arsenic	75-1	20.80	22.06	21.69	21.52	3.02	ppb
Barium	135-1	20.44	19.20	20.05	19.90	3.18	ppb
Barium	137-1	20.03	19.58	19.21	19.61	2.10	ppb
Beryllium	9-1	20.02	20.41	19.80	20.07	1.54	ppb
Bismuth	209-1				108		%
Boron	10-1	0.47	0.47	0.87	0.60	38.31	ppb
Boron	11-1	1.66	1.32	1.36	1.45	12.88	ppb
Bromine	81-1						cps
Cadmium	111-1	19.15	18.37	18.49	18.67	2.24	ppb
Cadmium	106-1	15.85	13.47	15.33	14.88	8.42	ppb
Cadmium	108-1	27.34	27.14	26.00	26.83	2.70	ppb
Calcium	43-1	100710.32	100348.58	98700.58	99919.83	1.07	ppb
Calcium	44-1	100283.64	99841.45	97378.55	99167.88	1.58	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	37.02	37.19	37.20	37.13	0.27	ppb
Cobalt	59-1	19.16	19.66	19.64	19.49	1.47	ppb
Copper	63-1	27.21	27.77	28.07	27.68	1.57	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Indium	115-1				105		%
Iron	56-1	98073.20	99474.73	99029.86	98859.26	0.72	ppb
Iron	57-1	96984.92	99275.44	99439.17	98566.51	1.39	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	21.83	22.30	20.14	21.42	5.30	ppb
Lead	207-1	20.79	21.18	18.68	20.22	6.64	ppb
Lead	208-1	21.70	21.91	19.46	21.03	6.46	ppb
Lithium	6-1				105		%
Magnesium	24-1	91423.51	92677.40	91847.26	91982.72	0.69	ppb
Manganese	55-1	24.76	24.99	24.78	24.84	0.52	ppb
Molybdenum	94-1	1625.53	1584.62	1559.97	1590.04	2.08	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P7
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:48:13	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	1893.16	1901.47	1884.37	1893.00	0.45	ppb
Molybdenum	96-1	1880.14	1880.23	1870.97	1877.11	0.28	ppb
Molybdenum	97-1	1955.28	1930.60	1908.48	1931.45	1.21	ppb
Molybdenum	98-1	1948.70	1915.56	1891.62	1918.63	1.49	ppb
Neodymium	150-1						cps
Nickel	60-1	23.27	24.15	23.71	23.71	1.85	ppb
Phosphorus	31-1	98437.68	97753.19	97217.26	97802.71	0.63	ppb
Potassium	39-1	95127.82	96853.04	95753.24	95911.37	0.91	ppb
Rhodium	103-1				103		%
Scandium	45-1				107		%
Selenium	77-1	25.38	32.04	31.46	29.63	12.45	ppb
Selenium	78-1	22.66	27.27	21.58	23.83	12.68	ppb
Selenium	82-1	17.26	16.36	20.98	18.20	13.47	ppb
Silicon	28-1	83.89	82.08	78.29	81.42	3.51	ppb
Silver	107-1	17.85	17.74	17.23	17.61	1.89	ppb
Silver	109-1	17.92	17.54	17.95	17.80	1.29	ppb
Sodium	23-1	96557.67	98210.33	98641.44	97803.15	1.12	ppb
Strontium	86-1	31.88	31.55	30.61	31.35	2.11	ppb
Strontium	88-1	32.38	31.99	31.88	32.08	0.83	ppb
Sulfur	34-1	125731.94	123611.47	118009.13	122450.85	3.26	ppb
Terbium	159-1				110		%
Thallium	203-1	18.24	18.34	16.21	17.60	6.85	ppb
Thallium	205-1	18.82	18.74	16.45	18.00	7.46	ppb
Thorium	232-1	-20.43	-10.78	-15.47	-15.56		ppb
Tin	118-1	0.10	0.01	0.09	0.07	70.53	ppb
Titanium	47-1	1997.77	2036.89	1940.59	1991.75	2.43	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	49.46	ppb
Vanadium	51-1	19.35	20.12	20.34	19.94	2.63	ppb
Yttrium	89-1				108		%
Zinc	66-1	29.45	29.73	29.43	29.54	0.57	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	4.16	ppb
Zirconium	91-1	0.03	0.04	0.00	0.03	76.78	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:56:25	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	49393.47	50011.60	50391.99	49932.35	1.01	ppb
Antimony	121-1	490.99	484.91	482.13	486.01	0.93	ppb
Arsenic	75-1	480.90	486.32	483.13	483.45	0.56	ppb
Barium	135-1	2424.84	2496.68	2426.33	2449.28	1.68	ppb
Barium	137-1	2432.07	2470.55	2465.15	2455.92	0.85	ppb
Beryllium	9-1	495.32	504.84	503.59	501.25	1.03	ppb
Bismuth	209-1				101		%
Boron	10-1	489.88	507.66	524.68	507.41	3.43	ppb
Boron	11-1	487.53	511.94	526.33	508.60	3.86	ppb
Bromine	81-1						cps
Cadmium	111-1	469.76	468.91	466.03	468.23	0.42	ppb
Cadmium	106-1	472.02	469.77	467.11	469.63	0.52	ppb
Cadmium	108-1	466.32	471.93	460.84	466.36	1.19	ppb
Calcium	43-1	246302.07	246709.64	249561.61	247524.44	0.72	ppb
Calcium	44-1	244692.34	245297.30	245811.39	245267.01	0.23	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	496.79	501.63	495.67	498.03	0.64	ppb
Cobalt	59-1	492.25	494.73	503.29	496.76	1.17	ppb
Copper	63-1	5113.30	5206.12	5244.63	5188.02	1.30	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				110		%
Indium	115-1				105		%
Iron	56-1	125562.79	128374.39	129602.26	127846.48	1.62	ppb
Iron	57-1	125981.62	127193.55	128621.92	127265.70	1.04	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2508.17	2560.27	2501.54	2523.33	1.27	ppb
Lead	207-1	2494.35	2593.62	2518.01	2535.33	2.05	ppb
Lead	208-1	2567.85	2551.96	2507.25	2542.35	1.24	ppb
Lithium	6-1				102		%
Magnesium	24-1	247019.05	249683.38	249836.16	248846.20	0.64	ppb
Manganese	55-1	4907.07	4911.86	4950.24	4923.06	0.48	ppb
Molybdenum	94-1	5215.77	5433.70	5318.74	5322.74	2.05	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:56:25	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5266.65	5386.76	5336.03	5329.81	1.13	ppb
Molybdenum	96-1	5212.64	5468.43	5423.64	5368.24	2.54	ppb
Molybdenum	97-1	5286.74	5460.00	5436.47	5394.40	1.74	ppb
Molybdenum	98-1	5263.77	5425.21	5452.54	5380.51	1.90	ppb
Neodymium	150-1						cps
Nickel	60-1	477.45	485.56	479.29	480.77	0.88	ppb
Phosphorus	31-1	9938.81	10142.81	10156.28	10079.30	1.21	ppb
Potassium	39-1	123964.17	127478.86	126704.09	126049.04	1.47	ppb
Rhodium	103-1				104		%
Scandium	45-1				109		%
Selenium	77-1	501.19	500.61	513.51	505.10	1.44	ppb
Selenium	78-1	501.65	506.01	500.46	502.71	0.58	ppb
Selenium	82-1	480.73	487.71	479.58	482.67	0.91	ppb
Silicon	28-1	513.35	531.52	540.19	528.35	2.59	ppb
Silver	107-1	481.14	495.00	471.33	482.49	2.47	ppb
Silver	109-1	485.71	484.19	469.96	479.96	1.81	ppb
Sodium	23-1	244973.10	251461.42	251433.69	249289.40	1.50	ppb
Strontium	86-1	4827.08	4905.90	4893.90	4875.63	0.87	ppb
Strontium	88-1	4868.89	4914.66	4891.28	4891.61	0.47	ppb
Sulfur	34-1	8632.54	8281.43	8404.16	8439.38	2.11	ppb
Terbium	159-1				110		%
Thallium	203-1	452.32	455.70	449.07	452.36	0.73	ppb
Thallium	205-1	518.37	514.23	508.76	513.79	0.94	ppb
Thorium	232-1	687.13	751.55	650.29	696.32	7.36	ppb
Tin	118-1	491.22	486.28	477.83	485.11	1.40	ppb
Titanium	47-1	5308.52	5363.61	5395.12	5355.75	0.82	ppb
Uranium	238-1	516.90	516.05	508.44	513.79	0.91	ppb
Vanadium	51-1	499.25	499.77	501.75	500.26	0.26	ppb
Yttrium	89-1				110		%
Zinc	66-1	5178.44	5199.71	5248.63	5208.93	0.69	ppb
Zirconium	90-1	481.14	499.28	497.95	492.79	2.05	ppb
Zirconium	91-1	454.12	470.77	467.63	464.17	1.91	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:07:44	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.54	0.60	0.72	0.62	14.57	ppb
Antimony	121-1	0.08	0.07	0.05	0.06	16.65	ppb
Arsenic	75-1	0.30	-0.13	-0.02	0.05	440.99	ppb
Barium	135-1	0.04	0.00	0.02	0.02	86.11	ppb
Barium	137-1	0.03	0.05	0.08	0.05	41.04	ppb
Beryllium	9-1	-0.02	0.02	0.03	0.01	272.31	ppb
Bismuth	209-1				101		%
Boron	10-1	3.46	3.09	4.73	3.76	22.91	ppb
Boron	11-1	3.73	3.88	3.13	3.58	11.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.04	-0.03	-0.01		ppb
Cadmium	106-1	-0.71	0.25	-0.82	-0.43		ppb
Cadmium	108-1	-0.01	-0.33	-0.32	-0.22		ppb
Calcium	43-1	-0.59	0.08	5.14	1.54	203.12	ppb
Calcium	44-1	2.15	2.70	3.17	2.67	19.18	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.10	0.14	0.10	0.11	16.53	ppb
Cobalt	59-1	0.01	-0.02	0.00	0.00		ppb
Copper	63-1	0.70	0.64	0.75	0.70	8.00	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				104		%
Iron	56-1	51.45	50.86	47.01	49.77	4.84	ppb
Iron	57-1	-17.57	-20.30	-26.85	-21.57		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.15	0.23	0.17	33.55	ppb
Lead	207-1	0.26	0.19	0.20	0.22	17.05	ppb
Lead	208-1	0.15	0.14	0.21	0.16	23.13	ppb
Lithium	6-1				99		%
Magnesium	24-1	3.30	3.36	3.89	3.51	9.21	ppb
Manganese	55-1	0.11	0.14	0.16	0.14	19.12	ppb
Molybdenum	94-1	0.27	0.15	0.17	0.20	33.98	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:07:44	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.23	0.15	0.17	0.18	23.32	ppb
Molybdenum	96-1	0.27	0.12	0.16	0.18	40.48	ppb
Molybdenum	97-1	0.22	0.08	0.18	0.16	45.89	ppb
Molybdenum	98-1	0.24	0.15	0.14	0.18	30.98	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.03	-0.01	-0.01	-0.02		ppb
Phosphorus	31-1	-7.11	-9.17	-8.25	-8.17		ppb
Potassium	39-1	13.86	12.51	3.10	9.82	59.64	ppb
Rhodium	103-1				103		%
Scandium	45-1				103		%
Selenium	77-1	1.21	0.34	0.77	0.77	56.25	ppb
Selenium	78-1	6.34	6.40	8.67	7.14	18.64	ppb
Selenium	82-1	1.19	-0.24	5.09	2.01	137.00	ppb
Silicon	28-1	-7.28	-6.99	-1.89	-5.39		ppb
Silver	107-1	0.02	0.01	0.02	0.02	21.83	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.08	ppb
Sodium	23-1	35.04	35.28	34.47	34.93	1.20	ppb
Strontium	86-1	0.12	-0.75	-0.21	-0.28		ppb
Strontium	88-1	0.06	0.05	0.07	0.06	17.23	ppb
Sulfur	34-1	-1779.72	-1631.39	-1128.24	-1513.12		ppb
Terbium	159-1				104		%
Thallium	203-1	0.20	0.18	0.17	0.18	8.33	ppb
Thallium	205-1	0.25	0.20	0.22	0.22	10.04	ppb
Thorium	232-1	-6.89	-7.24	-20.23	-11.45		ppb
Tin	118-1	0.00	0.02	0.04	0.02	103.35	ppb
Titanium	47-1	0.12	0.07	0.12	0.10	30.94	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	30.51	ppb
Vanadium	51-1	0.01	0.02	0.01	0.01	24.73	ppb
Yttrium	89-1				103		%
Zinc	66-1	-0.06	0.10	0.16	0.07	173.77	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	9.71	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	90.33	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:20:05	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	18.52	19.31	19.02	18.95	2.10	ppb
Antimony	121-1	1.84	1.92	1.92	1.89	2.58	ppb
Arsenic	75-1	0.87	0.90	1.08	0.95	11.55	ppb
Barium	135-1	9.34	10.13	9.13	9.53	5.54	ppb
Barium	137-1	9.42	9.24	9.61	9.42	1.96	ppb
Beryllium	9-1	1.06	0.93	1.11	1.03	8.94	ppb
Bismuth	209-1				101		%
Boron	10-1	25.72	25.59	26.68	26.00	2.29	ppb
Boron	11-1	25.06	27.34	29.15	27.19	7.54	ppb
Bromine	81-1						cps
Cadmium	111-1	1.24	1.02	1.00	1.09	12.09	ppb
Cadmium	106-1	2.78	0.57	0.56	1.31	97.89	ppb
Cadmium	108-1	1.10	0.57	0.85	0.84	31.40	ppb
Calcium	43-1	498.39	524.10	552.58	525.03	5.16	ppb
Calcium	44-1	478.68	518.04	515.12	503.95	4.35	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	1.91	1.87	1.88	1.89	1.17	ppb
Cobalt	59-1	0.99	0.95	0.89	0.94	5.09	ppb
Copper	63-1	2.26	2.28	2.20	2.25	1.90	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				104		%
Indium	115-1				103		%
Iron	56-1	110.56	100.06	109.30	106.64	5.38	ppb
Iron	57-1	54.58	55.25	63.64	57.83	8.73	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.81	0.89	0.95	0.88	8.02	ppb
Lead	207-1	0.95	0.89	0.94	0.93	3.87	ppb
Lead	208-1	0.87	0.89	0.91	0.89	2.09	ppb
Lithium	6-1				99		%
Magnesium	24-1	451.17	461.45	467.74	460.12	1.82	ppb
Manganese	55-1	1.10	1.06	1.11	1.09	2.56	ppb
Molybdenum	94-1	5.58	5.94	5.64	5.72	3.35	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:20:05	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	4.75	4.92	4.96	4.88	2.30	ppb
Molybdenum	96-1	4.90	4.88	4.91	4.90	0.31	ppb
Molybdenum	97-1	4.46	4.68	4.80	4.65	3.65	ppb
Molybdenum	98-1	4.57	4.95	5.10	4.87	5.61	ppb
Neodymium	150-1						cps
Nickel	60-1	0.85	0.97	0.93	0.92	6.67	ppb
Phosphorus	31-1	7.12	8.50	7.49	7.70	9.31	ppb
Potassium	39-1	449.41	454.09	455.00	452.84	0.66	ppb
Rhodium	103-1				102		%
Scandium	45-1				102		%
Selenium	77-1	4.39	5.40	5.11	4.97	10.50	ppb
Selenium	78-1	12.79	15.61	6.29	11.56	41.36	ppb
Selenium	82-1	7.56	0.41	7.24	5.07	79.72	ppb
Silicon	28-1	54.17	1.30	4.03	19.83	150.11	ppb
Silver	107-1	0.89	0.94	1.00	0.95	5.70	ppb
Silver	109-1	0.93	0.93	1.00	0.95	4.13	ppb
Sodium	23-1	477.23	490.61	489.54	485.79	1.53	ppb
Strontium	86-1	1.01	0.82	0.37	0.73	44.78	ppb
Strontium	88-1	0.94	0.96	0.99	0.97	2.53	ppb
Sulfur	34-1	-1961.77	-1192.22	-1172.97	-1442.32		ppb
Terbium	159-1				103		%
Thallium	203-1	0.86	0.86	0.98	0.90	8.06	ppb
Thallium	205-1	0.88	0.94	0.94	0.92	3.46	ppb
Thorium	232-1	4043.95	4340.03	4012.18	4132.05	4.38	ppb
Tin	118-1	4.86	4.93	4.87	4.89	0.78	ppb
Titanium	47-1	5.07	4.80	4.66	4.84	4.24	ppb
Uranium	238-1	0.84	0.94	0.84	0.87	6.52	ppb
Vanadium	51-1	4.56	4.70	4.53	4.60	2.02	ppb
Yttrium	89-1				104		%
Zinc	66-1	2.04	2.05	2.25	2.11	5.72	ppb
Zirconium	90-1	0.96	0.97	0.94	0.96	1.92	ppb
Zirconium	91-1	0.93	0.89	0.98	0.93	4.77	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	PB142167BL	Instrumnet Name :	P7
Client Sample ID :	PB142167BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:22:39	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	-0.09	-0.08	-0.07	-0.08		ppb
Antimony	121-1	0.01	0.00	0.00	0.01	92.14	ppb
Arsenic	75-1	-0.17	-0.11	0.02	-0.08		ppb
Barium	135-1	0.04	0.04	0.01	0.03	51.65	ppb
Barium	137-1	0.01	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.04	-0.03	-0.02	0.00		ppb
Bismuth	209-1				95		%
Boron	10-1	3.05	1.96	2.11	2.37	24.93	ppb
Boron	11-1	2.92	2.60	1.98	2.50	19.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	-0.07	-0.01	0.00	2313.48	ppb
Cadmium	106-1	1.01	-1.23	-0.77	-0.33		ppb
Cadmium	108-1	-0.03	-0.47	-0.34	-0.28		ppb
Calcium	43-1	-1.36	0.40	-3.23	-1.40		ppb
Calcium	44-1	4.04	0.28	0.21	1.51	145.09	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.05	0.13	0.13	0.10	48.62	ppb
Cobalt	59-1	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-1	0.43	0.36	0.29	0.36	19.56	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				98		%
Indium	115-1				98		%
Iron	56-1	27.14	24.85	36.59	29.52	21.07	ppb
Iron	57-1	-25.43	-22.75	-21.68	-23.29		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.03	19.13	ppb
Lead	207-1	0.07	0.05	0.05	0.06	16.19	ppb
Lead	208-1	0.05	0.03	0.03	0.04	27.98	ppb
Lithium	6-1				95		%
Magnesium	24-1	0.37	0.60	0.61	0.52	25.88	ppb
Manganese	55-1	0.06	-0.04	0.07	0.03	213.37	ppb
Molybdenum	94-1	0.00	-0.05	-0.01	-0.02		ppb

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : PB142167BL Instrumnet Name : P7
 Client Sample ID : PB142167BL Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:22:39 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.06	0.03	0.06	0.05	31.01	ppb
Molybdenum	96-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.04	0.03	0.02	70.93	ppb
Molybdenum	98-1	0.03	0.00	0.02	0.02	87.43	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.02	-0.06	-0.01	-0.03		ppb
Phosphorus	31-1	-8.40	-11.36	-8.28	-9.34		ppb
Potassium	39-1	-3.97	-2.28	-11.30	-5.85		ppb
Rhodium	103-1				97		%
Scandium	45-1				97		%
Selenium	77-1	-0.10	0.19	1.06	0.39	156.13	ppb
Selenium	78-1	-1.08	8.89	2.71	3.51	143.59	ppb
Selenium	82-1	4.73	0.09	1.01	1.95	126.10	ppb
Silicon	28-1	14.03	-3.89	3.29	4.47	201.48	ppb
Silver	107-1	0.03	0.03	0.03	0.03	14.70	ppb
Silver	109-1	0.03	0.02	0.02	0.02	14.97	ppb
Sodium	23-1	15.89	15.70	16.02	15.87	1.02	ppb
Strontium	86-1	1.18	-0.36	0.92	0.58	141.92	ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	1633.39	-1121.26	29.02	180.38	767.00	ppb
Terbium	159-1				97		%
Thallium	203-1	0.02	0.02	0.03	0.02	28.24	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	12.32	ppb
Thorium	232-1	-15.95	-6.82	5.56	-5.74		ppb
Tin	118-1	0.06	-0.01	0.03	0.03	115.50	ppb
Titanium	47-1	-0.02	0.05	0.09	0.04	133.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	48.37	ppb
Vanadium	51-1	0.01	0.01	0.01	0.01	9.62	ppb
Yttrium	89-1				98		%
Zinc	66-1	-0.10	0.01	-0.06	-0.05		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	39.47	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	132.71	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	N1205-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:25:15	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	677.91	683.60	682.87	681.46	0.45	ppb
Antimony	121-1	42.52	42.74	43.66	42.97	1.41	ppb
Arsenic	75-1	23.54	23.86	24.42	23.94	1.85	ppb
Barium	135-1	1060.05	1039.03	1064.94	1054.67	1.31	ppb
Barium	137-1	1104.84	1098.03	1110.19	1104.35	0.55	ppb
Beryllium	9-1	11.62	11.41	11.25	11.42	1.62	ppb
Bismuth	209-1				99		%
Boron	10-1	1465.21	1614.97	1615.58	1565.25	5.54	ppb
Boron	11-1	1485.12	1589.62	1656.70	1577.15	5.48	ppb
Bromine	81-1						cps
Cadmium	111-1	30.85	31.26	31.40	31.17	0.92	ppb
Cadmium	106-1	24.20	28.15	26.21	26.19	7.53	ppb
Cadmium	108-1	27.34	28.75	27.92	28.00	2.54	ppb
Calcium	43-1	-2.55	3.53	2.61	1.19	274.41	ppb
Calcium	44-1	-0.32	3.62	6.05	3.12	103.22	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	20.28	20.54	20.49	20.44	0.67	ppb
Cobalt	59-1	0.02	0.01	0.00	0.01	75.86	ppb
Copper	63-1	489.95	493.03	499.96	494.31	1.04	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				100		%
Indium	115-1				100		%
Iron	56-1	1477.38	1495.16	1484.25	1485.60	0.60	ppb
Iron	57-1	1390.77	1404.94	1412.64	1402.78	0.79	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	15.28	15.46	15.33	15.36	0.60	ppb
Lead	207-1	14.99	15.85	15.21	15.35	2.89	ppb
Lead	208-1	15.34	15.82	15.53	15.56	1.54	ppb
Lithium	6-1				98		%
Magnesium	24-1	0.68	0.89	0.75	0.77	14.30	ppb
Manganese	55-1	233.12	230.07	234.64	232.61	1.00	ppb
Molybdenum	94-1	45.52	48.05	45.81	46.46	2.98	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	N1205-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:25:15	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	54.59	57.91	56.14	56.22	2.96	ppb
Molybdenum	96-1	54.14	56.30	55.95	55.46	2.10	ppb
Molybdenum	97-1	55.46	58.17	55.98	56.54	2.55	ppb
Molybdenum	98-1	54.54	56.91	55.94	55.80	2.13	ppb
Neodymium	150-1						cps
Nickel	60-1	186.50	192.25	191.99	190.25	1.71	ppb
Phosphorus	31-1	-8.68	-9.32	-7.97	-8.66		ppb
Potassium	39-1	4.84	4.55	-1.20	2.73	124.84	ppb
Rhodium	103-1				101		%
Scandium	45-1				100		%
Selenium	77-1	81.98	86.18	90.53	86.23	4.95	ppb
Selenium	78-1	88.23	89.81	95.99	91.34	4.49	ppb
Selenium	82-1	91.14	94.63	91.15	92.31	2.18	ppb
Silicon	28-1	104.34	110.23	111.14	108.57	3.40	ppb
Silver	107-1	113.68	112.40	118.36	114.82	2.73	ppb
Silver	109-1	113.44	113.69	117.42	114.85	1.94	ppb
Sodium	23-1	35.91	36.30	36.38	36.20	0.70	ppb
Strontium	86-1	0.73	1.22	0.30	0.75	61.19	ppb
Strontium	88-1	0.04	0.04	0.05	0.04	13.76	ppb
Sulfur	34-1	-762.49	-516.82	-288.91	-522.74		ppb
Terbium	159-1				100		%
Thallium	203-1	7.46	7.55	7.79	7.60	2.18	ppb
Thallium	205-1	7.28	7.41	7.27	7.32	1.11	ppb
Thorium	232-1	-16.73	-6.35	-16.72	-13.27		ppb
Tin	118-1	0.01	0.13	0.10	0.08	76.85	ppb
Titanium	47-1	0.13	0.12	0.09	0.11	19.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	166.22	ppb
Vanadium	51-1	172.44	177.59	177.46	175.83	1.67	ppb
Yttrium	89-1				99		%
Zinc	66-1	932.83	939.87	954.06	942.25	1.15	ppb
Zirconium	90-1	0.06	0.05	0.03	0.05	28.31	ppb
Zirconium	91-1	0.00	0.05	0.04	0.03	81.45	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	N1205-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:33:20	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	680.52	685.03	688.59	684.71	0.59	ppb
Antimony	121-1	40.89	40.89	42.71	41.50	2.52	ppb
Arsenic	75-1	23.10	24.03	23.76	23.63	2.03	ppb
Barium	135-1	1010.16	1007.65	1056.20	1024.67	2.67	ppb
Barium	137-1	1062.79	1059.47	1100.94	1074.40	2.14	ppb
Beryllium	9-1	11.53	11.08	11.35	11.32	2.00	ppb
Bismuth	209-1				102		%
Boron	10-1	1533.51	1613.15	1728.69	1625.12	6.04	ppb
Boron	11-1	1558.50	1657.33	1725.93	1647.26	5.11	ppb
Bromine	81-1						cps
Cadmium	111-1	29.50	29.53	30.20	29.75	1.32	ppb
Cadmium	106-1	24.80	24.78	27.29	25.62	5.63	ppb
Cadmium	108-1	23.98	24.66	26.15	24.93	4.45	ppb
Calcium	43-1	7.33	2.52	12.19	7.35	65.84	ppb
Calcium	44-1	0.46	1.85	1.14	1.15	60.79	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	20.23	20.22	20.35	20.27	0.36	ppb
Cobalt	59-1	0.00	0.01	0.01	0.00	180.27	ppb
Copper	63-1	483.79	483.25	490.00	485.68	0.77	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				103		%
Indium	115-1				103		%
Iron	56-1	1430.77	1470.36	1443.07	1448.06	1.40	ppb
Iron	57-1	1355.74	1390.97	1402.79	1383.16	1.77	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	14.93	14.66	15.53	15.04	2.99	ppb
Lead	207-1	14.58	15.00	15.07	14.88	1.79	ppb
Lead	208-1	14.88	14.87	15.51	15.09	2.41	ppb
Lithium	6-1				101		%
Magnesium	24-1	0.46	0.52	0.51	0.50	6.00	ppb
Manganese	55-1	227.71	233.13	229.06	229.97	1.23	ppb
Molybdenum	94-1	44.36	43.70	45.84	44.63	2.46	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	N1205-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:33:20	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	52.70	52.59	54.82	53.37	2.36	ppb
Molybdenum	96-1	52.32	52.17	52.93	52.47	0.77	ppb
Molybdenum	97-1	53.35	53.69	55.22	54.09	1.84	ppb
Molybdenum	98-1	52.65	53.40	56.23	54.09	3.49	ppb
Neodymium	150-1						cps
Nickel	60-1	186.02	190.30	188.91	188.41	1.16	ppb
Phosphorus	31-1	-8.99	-7.45	-11.57	-9.33		ppb
Potassium	39-1	-13.56	-17.36	-19.90	-16.94		ppb
Rhodium	103-1				103		%
Scandium	45-1				102		%
Selenium	77-1	84.01	83.00	78.08	81.70	3.89	ppb
Selenium	78-1	81.45	82.81	83.94	82.73	1.51	ppb
Selenium	82-1	81.66	83.58	86.51	83.92	2.91	ppb
Silicon	28-1	101.78	105.48	108.14	105.13	3.04	ppb
Silver	107-1	109.42	110.03	114.10	111.18	2.29	ppb
Silver	109-1	109.62	109.96	115.09	111.55	2.75	ppb
Sodium	23-1	30.85	31.53	31.85	31.41	1.63	ppb
Strontium	86-1	-0.50	-0.58	0.61	-0.16		ppb
Strontium	88-1	0.02	0.04	0.04	0.03	36.11	ppb
Sulfur	34-1	-1605.24	-2254.87	-2163.52	-2007.88		ppb
Terbium	159-1				103		%
Thallium	203-1	6.73	6.80	7.44	6.99	5.62	ppb
Thallium	205-1	7.04	7.24	7.38	7.22	2.35	ppb
Thorium	232-1	-17.09	-17.14	-20.25	-18.16		ppb
Tin	118-1	-0.01	0.03	0.05	0.02	128.29	ppb
Titanium	47-1	0.21	0.08	0.23	0.17	47.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-1	173.73	175.22	175.20	174.71	0.49	ppb
Yttrium	89-1				103		%
Zinc	66-1	925.96	926.90	930.64	927.84	0.27	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	6.23	ppb
Zirconium	91-1	0.03	0.06	0.05	0.05	35.07	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	PB142167BS	Instrumnet Name :	P7
Client Sample ID :	PB142167BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:35:57	DataFile Name :	031DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	9817.82	9700.15	9520.15	9679.37	1.55	ppb
Antimony	121-1	531.48	497.46	475.38	501.44	5.64	ppb
Arsenic	75-1	491.00	495.74	497.16	494.63	0.65	ppb
Barium	135-1	2648.46	2491.86	2444.37	2528.23	4.22	ppb
Barium	137-1	2584.11	2506.38	2418.91	2503.13	3.30	ppb
Beryllium	9-1	515.12	502.20	501.00	506.11	1.55	ppb
Bismuth	209-1				103		%
Boron	10-1	560.29	578.35	601.09	579.91	3.52	ppb
Boron	11-1	562.40	593.27	589.57	581.74	2.90	ppb
Bromine	81-1						cps
Cadmium	111-1	533.93	504.57	483.35	507.28	5.01	ppb
Cadmium	106-1	538.02	497.27	468.59	501.29	6.96	ppb
Cadmium	108-1	521.89	495.01	490.61	502.50	3.37	ppb
Calcium	43-1	54923.55	52451.75	51423.29	52932.86	3.40	ppb
Calcium	44-1	53232.18	50932.20	50598.92	51587.77	2.78	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	499.97	498.84	502.28	500.36	0.35	ppb
Cobalt	59-1	494.98	503.87	505.02	501.29	1.10	ppb
Copper	63-1	4937.34	4957.84	5078.90	4991.36	1.53	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				105		%
Indium	115-1				102		%
Iron	56-1	25190.79	25178.46	25505.06	25291.44	0.73	ppb
Iron	57-1	25534.83	25217.97	25260.28	25337.69	0.68	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2630.97	2509.79	2461.44	2534.07	3.45	ppb
Lead	207-1	2587.27	2512.11	2485.84	2528.40	2.08	ppb
Lead	208-1	2619.76	2479.06	2483.90	2527.57	3.16	ppb
Lithium	6-1				103		%
Magnesium	24-1	48377.99	48532.95	49240.23	48717.06	0.94	ppb
Manganese	55-1	5006.30	4993.35	5027.30	5008.98	0.34	ppb
Molybdenum	94-1	5628.47	5552.40	5481.19	5554.02	1.33	ppb

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : PB142167BS Instrumnet Name : P7
 Client Sample ID : PB142167BS Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:35:57 DataFile Name : 031DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5556.73	5534.46	5450.28	5513.82	1.02	ppb
Molybdenum	96-1	5615.69	5606.44	5503.47	5575.20	1.12	ppb
Molybdenum	97-1	5653.58	5662.23	5514.16	5609.99	1.48	ppb
Molybdenum	98-1	5674.55	5633.68	5510.95	5606.40	1.52	ppb
Neodymium	150-1						cps
Nickel	60-1	474.14	472.28	475.64	474.02	0.36	ppb
Phosphorus	31-1	9864.60	9941.10	9810.91	9872.20	0.66	ppb
Potassium	39-1	24666.31	25254.08	25184.31	25034.90	1.28	ppb
Rhodium	103-1				102		%
Scandium	45-1				105		%
Selenium	77-1	490.89	499.88	497.56	496.11	0.94	ppb
Selenium	78-1	500.57	501.65	507.66	503.29	0.76	ppb
Selenium	82-1	520.58	516.70	508.51	515.26	1.20	ppb
Silicon	28-1	517.46	492.05	500.16	503.22	2.58	ppb
Silver	107-1	525.08	505.31	494.80	508.39	3.02	ppb
Silver	109-1	538.40	502.86	496.97	512.75	4.37	ppb
Sodium	23-1	48499.89	49498.57	50182.37	49393.61	1.71	ppb
Strontium	86-1	5155.83	5136.74	4963.25	5085.27	2.09	ppb
Strontium	88-1	5113.72	5115.04	4995.03	5074.60	1.36	ppb
Sulfur	34-1	10652.75	8259.28	7885.57	8932.53	16.81	ppb
Terbium	159-1				107		%
Thallium	203-1	474.45	447.26	456.69	459.47	3.00	ppb
Thallium	205-1	518.83	502.15	503.20	508.06	1.84	ppb
Thorium	232-1	979.44	1025.10	898.24	967.59	6.64	ppb
Tin	118-1	528.06	496.33	484.62	503.01	4.47	ppb
Titanium	47-1	5642.03	5466.22	5439.65	5515.97	1.99	ppb
Uranium	238-1	520.53	505.25	486.07	503.95	3.43	ppb
Vanadium	51-1	493.49	503.17	503.73	500.13	1.15	ppb
Yttrium	89-1				104		%
Zinc	66-1	4905.27	4985.54	5037.51	4976.11	1.34	ppb
Zirconium	90-1	512.19	519.57	503.80	511.85	1.54	ppb
Zirconium	91-1	496.78	496.55	489.30	494.21	0.86	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:38:31	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	48590.65	48826.28	49542.59	48986.51	1.01	ppb
Antimony	121-1	473.03	486.41	471.99	477.14	1.69	ppb
Arsenic	75-1	468.52	480.45	484.66	477.88	1.75	ppb
Barium	135-1	2419.24	2473.12	2431.30	2441.22	1.16	ppb
Barium	137-1	2423.88	2453.24	2412.45	2429.86	0.87	ppb
Beryllium	9-1	490.62	502.07	506.08	499.59	1.61	ppb
Bismuth	209-1				102		%
Boron	10-1	545.68	563.87	593.24	567.60	4.23	ppb
Boron	11-1	540.96	582.48	584.53	569.32	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	458.17	480.12	459.79	466.03	2.62	ppb
Cadmium	106-1	454.78	481.10	450.81	462.23	3.56	ppb
Cadmium	108-1	458.02	472.75	456.16	462.31	1.97	ppb
Calcium	43-1	246345.88	251314.08	251248.90	249636.29	1.14	ppb
Calcium	44-1	243405.37	250013.00	246545.58	246654.65	1.34	ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	487.00	487.82	502.44	492.42	1.76	ppb
Cobalt	59-1	474.54	488.09	489.45	484.02	1.70	ppb
Copper	63-1	5038.98	5020.53	5190.09	5083.20	1.83	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				111		%
Indium	115-1				103		%
Iron	56-1	123216.21	124661.15	127685.70	125187.69	1.82	ppb
Iron	57-1	124439.58	126611.39	129215.23	126755.40	1.89	ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	2509.56	2497.55	2510.19	2505.77	0.28	ppb
Lead	207-1	2519.77	2526.42	2528.45	2524.88	0.18	ppb
Lead	208-1	2511.12	2523.58	2529.38	2521.36	0.37	ppb
Lithium	6-1				103		%
Magnesium	24-1	241970.16	248331.55	247965.73	246089.15	1.45	ppb
Manganese	55-1	4769.84	4926.75	4982.02	4892.87	2.25	ppb
Molybdenum	94-1	5381.84	5515.41	5437.06	5444.77	1.23	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:38:31	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	5401.88	5531.78	5398.13	5443.93	1.40	ppb
Molybdenum	96-1	5410.81	5516.87	5433.69	5453.79	1.02	ppb
Molybdenum	97-1	5458.87	5506.55	5471.95	5479.12	0.45	ppb
Molybdenum	98-1	5430.27	5540.27	5455.03	5475.19	1.05	ppb
Neodymium	150-1						cps
Nickel	60-1	470.67	479.24	485.19	478.37	1.53	ppb
Phosphorus	31-1	9835.81	9855.83	10031.49	9907.71	1.09	ppb
Potassium	39-1	124106.32	124149.75	125230.12	124495.40	0.51	ppb
Rhodium	103-1				102		%
Scandium	45-1				108		%
Selenium	77-1	487.71	472.76	499.60	486.69	2.76	ppb
Selenium	78-1	486.71	493.30	505.69	495.23	1.95	ppb
Selenium	82-1	476.97	496.59	484.97	486.18	2.03	ppb
Silicon	28-1	513.17	529.43	533.26	525.29	2.03	ppb
Silver	107-1	464.43	480.53	469.37	471.44	1.75	ppb
Silver	109-1	475.13	488.44	480.80	481.46	1.39	ppb
Sodium	23-1	245574.49	247653.26	253022.02	248749.93	1.54	ppb
Strontium	86-1	4930.29	5031.02	4928.95	4963.42	1.18	ppb
Strontium	88-1	4881.38	4998.74	4955.63	4945.25	1.20	ppb
Sulfur	34-1	7749.23	8044.27	7453.81	7749.11	3.81	ppb
Terbium	159-1				110		%
Thallium	203-1	445.50	460.07	442.19	449.25	2.12	ppb
Thallium	205-1	502.52	512.76	503.83	506.37	1.10	ppb
Thorium	232-1	759.04	854.83	792.17	802.01	6.07	ppb
Tin	118-1	465.89	490.60	481.99	479.49	2.62	ppb
Titanium	47-1	5357.83	5459.79	5418.51	5412.04	0.95	ppb
Uranium	238-1	501.12	501.36	505.84	502.77	0.53	ppb
Vanadium	51-1	485.10	503.20	502.85	497.05	2.08	ppb
Yttrium	89-1				107		%
Zinc	66-1	5001.82	5042.00	5158.64	5067.49	1.61	ppb
Zirconium	90-1	497.35	506.21	495.54	499.70	1.14	ppb
Zirconium	91-1	472.44	484.80	467.56	474.93	1.87	ppb

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P7
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:47:33 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-1	0.87	0.90	0.73	0.83	11.08	ppb
Antimony	121-1	0.04	0.05	0.09	0.06	42.54	ppb
Arsenic	75-1	-0.19	-0.01	-0.10	-0.10		ppb
Barium	135-1	0.10	0.05	0.03	0.06	62.49	ppb
Barium	137-1	0.05	0.05	0.06	0.05	10.01	ppb
Beryllium	9-1	-0.03	-0.02	0.00	-0.02		ppb
Bismuth	209-1				105		%
Boron	10-1	19.63	16.60	17.52	17.92	8.68	ppb
Boron	11-1	17.77	18.18	17.17	17.71	2.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.06	0.02	-0.04		ppb
Cadmium	106-1	-1.66	-1.20	-0.57	-1.14		ppb
Cadmium	108-1	-0.35	-0.44	-0.54	-0.44		ppb
Calcium	43-1	-1.10	0.69	1.30	0.30	421.07	ppb
Calcium	44-1	0.58	-3.20	1.24	-0.46		ppb
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	0.12	0.09	0.05	0.09	36.53	ppb
Cobalt	59-1	0.00	-0.03	0.00	-0.01		ppb
Copper	63-1	0.42	0.38	0.29	0.36	17.77	ppb
Dysprosium	156-1						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Holmium	165-1				108		%
Indium	115-1				109		%
Iron	56-1	34.85	38.47	25.37	32.90	20.56	ppb
Iron	57-1	-28.01	-33.90	-36.08	-32.66		ppb
Iron	54-1						ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.13	0.08	0.10	23.50	ppb
Lead	207-1	0.11	0.13	0.15	0.13	14.34	ppb
Lead	208-1	0.12	0.11	0.13	0.12	7.34	ppb
Lithium	6-1				103		%
Magnesium	24-1	3.15	3.30	3.22	3.22	2.31	ppb
Manganese	55-1	0.08	0.13	0.12	0.11	23.50	ppb
Molybdenum	94-1	0.12	0.17	0.14	0.14	18.75	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:47:33	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	95-1	0.36	0.21	0.20	0.25	34.66	ppb
Molybdenum	96-1	0.25	0.16	0.16	0.19	27.28	ppb
Molybdenum	97-1	0.28	0.24	0.13	0.22	35.16	ppb
Molybdenum	98-1	0.25	0.24	0.12	0.21	34.56	ppb
Neodymium	150-1						cps
Nickel	60-1	-0.03	-0.01	0.00	-0.02		ppb
Phosphorus	31-1	-7.97	-9.82	-7.51	-8.43		ppb
Potassium	39-1	-16.11	-14.77	-18.52	-16.47		ppb
Rhodium	103-1				107		%
Scandium	45-1				107		%
Selenium	77-1	0.34	1.50	0.19	0.68	105.71	ppb
Selenium	78-1	3.52	5.26	3.47	4.08	24.95	ppb
Selenium	82-1	6.56	-2.93	-4.16	-0.18		ppb
Silicon	28-1	-15.65	-14.30	-8.89	-12.95		ppb
Silver	107-1	0.04	0.02	0.03	0.03	27.03	ppb
Silver	109-1	0.02	0.03	0.02	0.03	29.55	ppb
Sodium	23-1	25.47	25.78	24.80	25.35	1.98	ppb
Strontium	86-1	-0.23	-0.34	-0.40	-0.32		ppb
Strontium	88-1	0.09	0.08	0.07	0.08	13.72	ppb
Sulfur	34-1	-3144.77	-2977.39	-2358.07	-2826.74		ppb
Terbium	159-1				109		%
Thallium	203-1	-0.05	-0.05	-0.04	-0.05		ppb
Thallium	205-1	-0.04	-0.05	-0.03	-0.04		ppb
Thorium	232-1	-20.58	-20.57	-20.47	-20.54		ppb
Tin	118-1	0.02	0.02	0.06	0.03	73.73	ppb
Titanium	47-1	0.20	0.16	0.16	0.18	13.95	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	61.40	ppb
Vanadium	51-1	0.01	0.01	0.02	0.01	33.68	ppb
Yttrium	89-1				107		%
Zinc	66-1	0.15	0.14	0.25	0.18	34.57	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	28.14	ppb
Zirconium	91-1	0.02	0.03	0.05	0.03	54.03	ppb

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:45:58	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4793	4551	4893	4745	3.70	cps
Antimony	121-1	42	50	42	44	10.82	cps
Arsenic	75-1	-15687	-15538	-15722	-15649	-0.63	cps
Barium	135-1	0	0	17	6	173.21	cps
Barium	137-1	42	8	25	25	66.68	cps
Beryllium	9-1	207	210	217	211	2.41	cps
Bismuth	209-1	1255280	1221779	1283211	1253423	2.45	cps
Boron	10-1	117	192	175	161	24.44	cps
Boron	11-1	692	600	658	650	7.14	cps
Bromine	81-1	9470	9220	9036	9242	2.35	cps
Cadmium	111-1	1156	1079	1066	1100	4.42	cps
Cadmium	106-1	1713	1575	1588	1625	4.68	cps
Cadmium	108-1	79	46	71	65	26.58	cps
Calcium	43-1	242	150	208	200	23.20	cps
Calcium	44-1	11713	12155	11738	11869	2.09	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	17003	17507	17570	17360	1.79	cps
Cobalt	59-1	751	751	781	761	2.28	cps
Copper	63-1	21709	21639	22147	21832	1.26	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Erbium	164-1	17	8	33	19	65.47	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Holmium	165-1	2653894	2613804	2709500	2659066	1.81	cps
Indium	115-1	2544646	2501145	2614029	2553273	2.23	cps
Iron	56-1	4912723	4786790	4842032	4847182	1.30	cps
Iron	57-1	84018	85720	85126	84955	1.02	cps
Iron	54-1						cps
Krypton	83-1	15745	15635	16062	15814	1.40	cps
Lead	206-1	206	222	217	215	3.95	cps
Lead	207-1	161	156	133	150	9.80	cps
Lead	208-1	655	693	736	695	5.80	cps
Lithium	6-1	709772	699090	723867	710910	1.75	cps
Magnesium	24-1	21766	22492	22066	22108	1.65	cps
Manganese	55-1	9483	9513	10404	9800	5.34	cps
Molybdenum	94-1	142	175	108	142	23.53	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:45:58	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	17	50	42	36	48.03	cps
Molybdenum	96-1	200	142	117	153	27.99	cps
Molybdenum	97-1	50	75	42	56	31.22	cps
Molybdenum	98-1	158	75	75	103	46.81	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Nickel	60-1	533	610	523	556	8.53	cps
Phosphorus	31-1	19081	18610	18410	18701	1.84	cps
Potassium	39-1	6785077	6729288	6724809	6746391	0.50	cps
Rhodium	103-1	2524866	2434421	2548762	2502683	2.41	cps
Scandium	45-1	1954042	1888008	1959579	1933876	2.06	cps
Selenium	77-1	50	50	42	47	10.18	cps
Selenium	78-1	40216	38580	38449	39081	2.52	cps
Selenium	82-1	50	-6	-265	-74	-227.95	cps
Silicon	28-1	835416	832745	831797	833319	0.23	cps
Silver	107-1	38	79	71	63	35.28	cps
Silver	109-1	25	25	50	33	43.30	cps
Sodium	23-1	662244	661161	659283	660896	0.23	cps
Strontium	86-1	24103	23945	24721	24257	1.69	cps
Strontium	88-1	600	692	667	653	7.26	cps
Sulfur	34-1	481860	483020	481348	482076	0.18	cps
Terbium	159-1	2802373	2754361	2859662	2805465	1.88	cps
Thallium	203-1	317	375	350	347	8.43	cps
Thallium	205-1	629	762	778	723	11.33	cps
Thorium	232-1	67	33	33	44	43.31	cps
Tin	118-1	983	1100	1083	1056	5.98	cps
Titanium	47-1	67	83	100	83	20.00	cps
Uranium	238-1	17	8	17	14	34.67	cps
Vanadium	51-1	110	90	90	97	11.95	cps
Yttrium	89-1	5128006	5030063	5308159	5155410	2.74	cps
Zinc	66-1	1377	1343	1267	1329	4.24	cps
Zirconium	90-1	242	250	233	242	3.45	cps
Zirconium	91-1	67	25	75	56	48.22	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 16:48:43 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	132940	132848	135242	133677	1.01	cps
Antimony	121-1	7694	7344	8219	7752	5.68	cps
Arsenic	75-1	-14174	-14698	-14770	-14547	-2.24	cps
Barium	135-1	8736	8753	9086	8859	2.23	cps
Barium	137-1	15350	15617	16202	15723	2.77	cps
Beryllium	9-1	990	1053	1110	1051	5.71	cps
Bismuth	209-1	1281321	1247632	1214440	1247798	2.68	cps
Boron	10-1	2192	1967	2034	2064	5.60	cps
Boron	11-1	9578	9753	11263	10198	9.08	cps
Bromine	81-1	9270	9103	9620	9331	2.83	cps
Cadmium	111-1	2192	2036	2157	2128	3.85	cps
Cadmium	106-1	1833	1663	1796	1764	5.09	cps
Cadmium	108-1	167	129	125	140	16.36	cps
Calcium	43-1	7385	7168	7202	7252	1.61	cps
Calcium	44-1	124897	126402	124401	125233	0.83	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	32034	31783	32325	32047	0.85	cps
Cobalt	59-1	9623	9653	10054	9777	2.46	cps
Copper	63-1	31573	31894	32255	31907	1.07	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Erbium	164-1	8	17	17	14	34.67	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Holmium	165-1	2705230	2638357	2612737	2652108	1.80	cps
Indium	115-1	2596581	2536657	2544079	2559105	1.28	cps
Iron	56-1	5285040	5209260	5295384	5263228	0.89	cps
Iron	57-1	95145	97280	93342	95256	2.07	cps
Iron	54-1						cps
Krypton	83-1	16212	15772	15468	15817	2.37	cps
Lead	206-1	2128	2195	2072	2132	2.87	cps
Lead	207-1	1828	1728	2178	1911	12.37	cps
Lead	208-1	6906	6885	6974	6922	0.68	cps
Lithium	6-1	713552	710502	694617	706224	1.44	cps
Magnesium	24-1	2701065	2664437	2671640	2679047	0.72	cps
Manganese	55-1	21367	21377	21447	21397	0.20	cps
Molybdenum	94-1	8436	8619	8995	8683	3.28	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:48:43	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	10104	10137	10721	10321	3.36	cps
Molybdenum	96-1	12389	12431	11913	12244	2.35	cps
Molybdenum	97-1	6577	6852	6677	6702	2.08	cps
Molybdenum	98-1	16585	16518	16935	16679	1.34	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Nickel	60-1	2454	2647	2474	2525	4.21	cps
Phosphorus	31-1	24114	24986	24194	24431	1.97	cps
Potassium	39-1	10411603	10350657	10482399	10414887	0.63	cps
Rhodium	103-1	2559219	2495531	2504022	2519591	1.37	cps
Scandium	45-1	2011289	1968827	1928298	1969471	2.11	cps
Selenium	77-1	467	292	225	328	38.08	cps
Selenium	78-1	39934	39393	39252	39526	0.91	cps
Selenium	82-1	-113	410	594	297	123.67	cps
Silicon	28-1	866920	866537	1153274	962243	17.19	cps
Silver	107-1	4488	4972	4938	4799	5.63	cps
Silver	109-1	4359	4692	5059	4704	7.45	cps
Sodium	23-1	4401932	4391795	4373901	4389209	0.32	cps
Strontium	86-1	25523	25907	25723	25718	0.75	cps
Strontium	88-1	12848	12130	13540	12839	5.49	cps
Sulfur	34-1	481928	476827	481093	479950	0.57	cps
Terbium	159-1	2853804	2770922	2712281	2779002	2.56	cps
Thallium	203-1	2825	2825	2650	2767	3.65	cps
Thallium	205-1	6723	6290	6705	6573	3.73	cps
Thorium	232-1	6846	7324	7369	7180	4.03	cps
Tin	118-1	15751	17010	16585	16449	3.90	cps
Titanium	47-1	3184	3492	3567	3414	5.95	cps
Uranium	238-1	6160	5960	6560	6227	4.91	cps
Vanadium	51-1	44009	43748	45736	44498	2.43	cps
Yttrium	89-1	5340062	5171320	5147275	5219553	2.01	cps
Zinc	66-1	4017	3857	4081	3985	2.89	cps
Zirconium	90-1	8027	7510	7894	7811	3.44	cps
Zirconium	91-1	1533	1708	1783	1675	7.66	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 16:54:13 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	6553625	6588857	6634966	6592483	0.62	cps
Antimony	121-1	202074	203987	203612	203224	0.50	cps
Arsenic	75-1	41528	39601	40237	40455	2.43	cps
Barium	135-1	232732	231681	232416	232276	0.23	cps
Barium	137-1	406630	400852	401025	402836	0.82	cps
Beryllium	9-1	42775	43006	41405	42396	2.04	cps
Bismuth	209-1	1056212	1244125	1262818	1187718	9.62	cps
Boron	10-1	3926	4284	4626	4278	8.18	cps
Boron	11-1	19204	21474	20931	20536	5.77	cps
Bromine	81-1	9136	9145	9528	9270	2.42	cps
Cadmium	111-1	53110	53431	53801	53447	0.65	cps
Cadmium	106-1	7035	7573	7490	7366	3.93	cps
Cadmium	108-1	4030	4138	4172	4113	1.80	cps
Calcium	43-1	76611	76937	76218	76588	0.47	cps
Calcium	44-1	1200842	1203617	1173881	1192780	1.38	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	414048	413578	411194	412940	0.37	cps
Cobalt	59-1	461476	457930	455218	458208	0.68	cps
Copper	63-1	2752330	2745970	2741109	2746470	0.20	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Erbium	164-1	8	25	33	22	57.29	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Holmium	165-1	2269215	2580959	2713389	2521188	9.04	cps
Indium	115-1	2113782	2579415	2598469	2430555	11.29	cps
Iron	56-1	27950437	27594053	27880637	27808376	0.68	cps
Iron	57-1	642342	642014	645283	643213	0.28	cps
Iron	54-1						cps
Krypton	83-1	16009	15985	15805	15933	0.70	cps
Lead	206-1	519311	514767	519943	518007	0.55	cps
Lead	207-1	425616	430913	431308	429279	0.74	cps
Lead	208-1	1613678	1614635	1613595	1613969	0.04	cps
Lithium	6-1	625743	712344	709827	682638	7.22	cps
Magnesium	24-1	27274644	27378684	27512802	27388710	0.44	cps
Manganese	55-1	5713383	5666472	5724166	5701340	0.54	cps
Molybdenum	94-1	811353	809635	808765	809917	0.16	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:54:13	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	1165747	1167898	1188760	1174135	1.08	cps
Molybdenum	96-1	1276534	1283011	1305621	1288389	1.19	cps
Molybdenum	97-1	731199	738129	742636	737321	0.78	cps
Molybdenum	98-1	1922258	1913803	1919358	1918473	0.22	cps
Neodymium	150-1	27	33	7	22	62.43	cps
Nickel	60-1	102776	102843	103239	102952	0.24	cps
Phosphorus	31-1	333490	333815	330122	332476	0.62	cps
Potassium	39-1	26250455	26302270	26277944	26276890	0.10	cps
Rhodium	103-1	2127553	2553429	2526269	2402417	9.92	cps
Scandium	45-1	1632743	1960194	1972022	1854986	10.38	cps
Selenium	77-1	3342	3025	2609	2992	12.30	cps
Selenium	78-1	48418	48328	48147	48298	0.29	cps
Selenium	82-1	3460	3454	3852	3589	6.36	cps
Silicon	28-1	1324939	1347010	1328901	1333617	0.88	cps
Silver	107-1	260669	259109	264805	261528	1.13	cps
Silver	109-1	245493	245136	249722	246784	1.03	cps
Sodium	23-1	38894623	39653858	39405348	39317943	0.98	cps
Strontium	86-1	738960	743890	747640	743496	0.59	cps
Strontium	88-1	6528703	6523582	6536038	6529441	0.10	cps
Sulfur	34-1	494148	500742	497884	497591	0.66	cps
Terbium	159-1	2341104	2779935	2787033	2636024	9.69	cps
Thallium	203-1	134270	131668	133802	133247	1.04	cps
Thallium	205-1	301449	305177	305489	304038	0.74	cps
Thorium	232-1	261	211	317	263	20.08	cps
Tin	118-1	165678	162696	166430	164935	1.20	cps
Titanium	47-1	377769	380725	376258	378251	0.60	cps
Uranium	238-1	330210	331904	328960	330358	0.45	cps
Vanadium	51-1	466181	464230	469433	466615	0.56	cps
Yttrium	89-1	4366132	5236349	5232518	4945000	10.14	cps
Zinc	66-1	661203	663522	660160	661628	0.26	cps
Zirconium	90-1	385201	390585	386425	387404	0.73	cps
Zirconium	91-1	86195	85734	85775	85902	0.30	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 16:56:57 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	16461064	16593733	16612414	16555737	0.50	cps
Antimony	121-1	507972	513364	511519	510951	0.54	cps
Arsenic	75-1	126410	127528	128762	127567	0.92	cps
Barium	135-1	573867	588108	578193	580056	1.26	cps
Barium	137-1	993897	1010867	1012785	1005850	1.03	cps
Beryllium	9-1	105753	105907	106572	106077	0.41	cps
Bismuth	209-1	1209919	1262730	1270291	1247647	2.64	cps
Boron	10-1	10154	10537	11513	10735	6.53	cps
Boron	11-1	48961	52564	54513	52013	5.42	cps
Bromine	81-1	9628	8936	9278	9281	3.73	cps
Cadmium	111-1	132903	132071	130969	131981	0.74	cps
Cadmium	106-1	16297	16084	16192	16191	0.66	cps
Cadmium	108-1	10633	10216	10796	10548	2.83	cps
Calcium	43-1	191128	191296	194512	192312	0.99	cps
Calcium	44-1	2916596	2964222	3009400	2963406	1.57	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	998014	1010089	1008113	1005405	0.64	cps
Cobalt	59-1	1119593	1133122	1141981	1131565	1.00	cps
Copper	63-1	6656595	6847022	6851988	6785202	1.64	cps
Dysprosium	156-1	50	67	17	44	57.28	cps
Erbium	164-1	33	17	33	28	34.63	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Holmium	165-1	2597124	2618227	2620972	2612108	0.50	cps
Indium	115-1	2470706	2626662	2581520	2559629	3.14	cps
Iron	56-1	60565747	62571853	62165497	61767699	1.72	cps
Iron	57-1	1460011	1496898	1519177	1492028	2.00	cps
Iron	54-1						cps
Krypton	83-1	16142	16029	15628	15933	1.69	cps
Lead	206-1	1272153	1292455	1317809	1294139	1.77	cps
Lead	207-1	1056199	1086887	1085324	1076137	1.61	cps
Lead	208-1	4328651	4462501	4451744	4414299	1.68	cps
Lithium	6-1	698117	711483	717364	708988	1.39	cps
Magnesium	24-1	68160904	69589543	68987033	68912493	1.04	cps
Manganese	55-1	14011379	14463279	14162864	14212507	1.62	cps
Molybdenum	94-1	2080771	2106349	2102394	2096505	0.66	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:56:57	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	3011196	3065464	3054246	3043635	0.94	cps
Molybdenum	96-1	3301619	3344081	3312384	3319361	0.66	cps
Molybdenum	97-1	1875813	1885668	1945762	1902414	1.99	cps
Molybdenum	98-1	4797105	4776275	4873805	4815728	1.07	cps
Neodymium	150-1	20	33	73	42	65.75	cps
Nickel	60-1	252281	253545	254883	253570	0.51	cps
Phosphorus	31-1	792739	802146	793437	796107	0.66	cps
Potassium	39-1	55536851	55484082	56021122	55680685	0.53	cps
Rhodium	103-1	2476116	2550938	2582291	2536448	2.15	cps
Scandium	45-1	1924192	1963796	2012046	1966678	2.24	cps
Selenium	77-1	7085	6585	7310	6993	5.31	cps
Selenium	78-1	64003	62575	61429	62669	2.06	cps
Selenium	82-1	8881	8563	9372	8939	4.56	cps
Silicon	28-1	1633740	1672723	1660343	1655602	1.20	cps
Silver	107-1	651949	656873	659274	656032	0.57	cps
Silver	109-1	607972	619965	617921	615286	1.04	cps
Sodium	23-1	97285129	98643892	98347038	98092020	0.73	cps
Strontium	86-1	1870976	1896508	1880597	1882693	0.68	cps
Strontium	88-1	16174359	16425277	16460186	16353274	0.95	cps
Sulfur	34-1	525168	522522	519076	522255	0.58	cps
Terbium	159-1	2726176	2750887	2844922	2773995	2.26	cps
Thallium	203-1	326951	331753	335107	331271	1.24	cps
Thallium	205-1	733310	758994	767443	753249	2.36	cps
Thorium	232-1	2595	2661	2406	2554	5.19	cps
Tin	118-1	405888	403353	400230	403157	0.70	cps
Titanium	47-1	939370	953495	951921	948262	0.82	cps
Uranium	238-1	818342	829567	842792	830234	1.47	cps
Vanadium	51-1	1148789	1180323	1170445	1166519	1.38	cps
Yttrium	89-1	5125789	5289445	5351017	5255417	2.21	cps
Zinc	66-1	1737752	1761474	1744870	1748032	0.70	cps
Zirconium	90-1	958590	964869	968611	964023	0.53	cps
Zirconium	91-1	214686	216743	214663	215364	0.55	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 16:59:43 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	32965046	33879037	33505160	33449748	1.37	cps
Antimony	121-1	1011761	1045252	1049235	1035416	1.99	cps
Arsenic	75-1	272462	274810	272966	273412	0.45	cps
Barium	135-1	1127879	1173850	1175680	1159136	2.34	cps
Barium	137-1	2083742	2110161	2158955	2117619	1.80	cps
Beryllium	9-1	207855	215230	213341	212142	1.81	cps
Bismuth	209-1	1275281	1266457	1315898	1285879	2.05	cps
Boron	10-1	19980	20823	21716	20839	4.17	cps
Boron	11-1	95871	104459	107002	102444	5.69	cps
Bromine	81-1	10462	10262	10112	10279	1.71	cps
Cadmium	111-1	262400	267098	267775	265758	1.10	cps
Cadmium	106-1	30457	30586	31438	30827	1.73	cps
Cadmium	108-1	20903	21024	21529	21152	1.57	cps
Calcium	43-1	378461	385568	382792	382273	0.94	cps
Calcium	44-1	5798644	5877998	5892379	5856340	0.86	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	2062386	2084076	2048415	2064959	0.87	cps
Cobalt	59-1	2378938	2457100	2397074	2411037	1.70	cps
Copper	63-1	13455841	13539319	13543623	13512928	0.37	cps
Dysprosium	156-1	17	50	50	39	49.48	cps
Erbium	164-1	17	33	42	31	41.66	cps
Gadolinium	160-1	50	17	50	39	49.48	cps
Holmium	165-1	2711731	2723321	2753269	2729440	0.79	cps
Indium	115-1	2560487	2588258	2681065	2609936	2.42	cps
Iron	56-1	118227165	120899699	119029211	119385358	1.15	cps
Iron	57-1	2909454	2947935	2945678	2934356	0.74	cps
Iron	54-1						cps
Krypton	83-1	15952	15542	15855	15783	1.36	cps
Lead	206-1	2948134	3105055	3138140	3063776	3.31	cps
Lead	207-1	2507960	2541159	2544297	2531139	0.80	cps
Lead	208-1	9233847	9564512	9592931	9463763	2.11	cps
Lithium	6-1	716552	714166	726279	718999	0.89	cps
Magnesium	24-1	136540586	141863274	139066778	139156880	1.91	cps
Manganese	55-1	28369990	28776885	28369851	28505576	0.82	cps
Molybdenum	94-1	4185030	4331424	4387162	4301205	2.43	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 16:59:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	6129620	6267599	6237673	6211631	1.17	cps
Molybdenum	96-1	6570977	6740239	6768687	6693301	1.60	cps
Molybdenum	97-1	3738514	3878634	3894248	3837132	2.24	cps
Molybdenum	98-1	9590260	9824700	9802623	9739194	1.33	cps
Neodymium	150-1	93	100	93	96	4.02	cps
Nickel	60-1	499843	511176	505774	505597	1.12	cps
Phosphorus	31-1	1603250	1639925	1631596	1624924	1.18	cps
Potassium	39-1	103876669	105657171	105388890	104974243	0.91	cps
Rhodium	103-1	2530603	2554920	2624679	2570068	1.90	cps
Scandium	45-1	2011906	1955598	2028919	1998807	1.92	cps
Selenium	77-1	14232	14466	14825	14507	2.06	cps
Selenium	78-1	85995	84606	84877	85159	0.86	cps
Selenium	82-1	17998	18824	18385	18402	2.25	cps
Silicon	28-1	2210632	2271608	2274956	2252399	1.61	cps
Silver	107-1	1296614	1319763	1331902	1316093	1.36	cps
Silver	109-1	1222210	1250481	1248005	1240232	1.26	cps
Sodium	23-1	192419733	196215029	196828759	195154507	1.22	cps
Strontium	86-1	3761249	3804814	3749469	3771844	0.77	cps
Strontium	88-1	32737766	32946706	32876080	32853517	0.32	cps
Sulfur	34-1	594039	583589	579970	585866	1.25	cps
Terbium	159-1	2833074	2814785	2916068	2854642	1.89	cps
Thallium	203-1	659162	684391	674374	672642	1.89	cps
Thallium	205-1	1475398	1707601	1771521	1651507	9.44	cps
Thorium	232-1	1383	1411	1317	1370	3.54	cps
Tin	118-1	814925	820774	820452	818717	0.40	cps
Titanium	47-1	1929383	1945583	1911481	1928816	0.88	cps
Uranium	238-1	1836425	1889598	1895154	1873726	1.73	cps
Vanadium	51-1	2421291	2460641	2411728	2431220	1.07	cps
Yttrium	89-1	5403249	5208701	5415019	5342323	2.17	cps
Zinc	66-1	3376818	3455303	3406530	3412884	1.16	cps
Zirconium	90-1	2002185	2017680	2005930	2008598	0.40	cps
Zirconium	91-1	427719	437349	432702	432590	1.11	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 17:02:27 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	66569710	68172766	66750983	67164486	1.31	cps
Antimony	121-1	2205338	2208437	2222521	2212099	0.41	cps
Arsenic	75-1	563754	576282	573155	571064	1.14	cps
Barium	135-1	2493193	2522942	2504669	2506935	0.60	cps
Barium	137-1	4316422	4406679	4349266	4357456	1.05	cps
Beryllium	9-1	423958	429222	431399	428193	0.89	cps
Bismuth	209-1	1187978	1300541	1346820	1278446	6.39	cps
Boron	10-1	39284	42517	44556	42119	6.31	cps
Boron	11-1	195765	209063	216715	207181	5.12	cps
Bromine	81-1	10179	10004	9912	10031	1.35	cps
Cadmium	111-1	531161	537360	540082	536201	0.85	cps
Cadmium	106-1	59889	62793	60961	61214	2.40	cps
Cadmium	108-1	42629	42947	43314	42963	0.80	cps
Calcium	43-1	759275	776195	762104	765858	1.18	cps
Calcium	44-1	11724175	11906790	11857461	11829475	0.80	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4126679	4178505	4170800	4158661	0.67	cps
Cobalt	59-1	4750677	4765700	4862624	4793001	1.27	cps
Copper	63-1	26811702	27061423	27151991	27008372	0.65	cps
Dysprosium	156-1	108	58	100	89	30.14	cps
Erbium	164-1	25	25	50	33	43.30	cps
Gadolinium	160-1	50	75	92	72	29.04	cps
Holmium	165-1	2522973	2817454	2868352	2736260	6.81	cps
Indium	115-1	2377915	2617613	2759263	2584930	7.46	cps
Iron	56-1	234063772	236705705	238033397	236267625	0.86	cps
Iron	57-1	5759275	5727256	5799337	5761956	0.63	cps
Iron	54-1						cps
Krypton	83-1	16102	15368	16042	15837	2.57	cps
Lead	206-1	6032385	6293961	6428938	6251761	3.22	cps
Lead	207-1	5052893	5237396	5358554	5216281	2.95	cps
Lead	208-1	18836400	19386106	19870926	19364477	2.67	cps
Lithium	6-1	684176	720463	733919	712853	3.61	cps
Magnesium	24-1	278954290	281570898	283877790	281467659	0.88	cps
Manganese	55-1	56868353	57764716	57522058	57385042	0.81	cps
Molybdenum	94-1	8529411	8662237	8663410	8618353	0.89	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:02:27	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	12362079	12491794	12537975	12463950	0.73	cps
Molybdenum	96-1	13457980	13751053	13681146	13630060	1.12	cps
Molybdenum	97-1	7598949	7796028	7783744	7726240	1.43	cps
Molybdenum	98-1	19254567	19854010	19900931	19669836	1.83	cps
Neodymium	150-1	180	193	207	193	6.89	cps
Nickel	60-1	1000397	1011156	1017115	1009556	0.84	cps
Phosphorus	31-1	3245884	3300781	3277526	3274730	0.84	cps
Potassium	39-1	204657446	205627284	207719030	206001253	0.76	cps
Rhodium	103-1	2310922	2603257	2592835	2502338	6.63	cps
Scandium	45-1	1867957	2002068	2056008	1975344	4.90	cps
Selenium	77-1	29121	28344	28219	28561	1.71	cps
Selenium	78-1	131340	133562	132167	132356	0.85	cps
Selenium	82-1	36329	37771	36860	36987	1.97	cps
Silicon	28-1	3310782	3430777	3457116	3399558	2.29	cps
Silver	107-1	2744576	2759818	2714363	2739585	0.84	cps
Silver	109-1	2555426	2583508	2639255	2592730	1.65	cps
Sodium	23-1	387408175	401749551	398113717	395757148	1.88	cps
Strontium	86-1	7576520	7705614	7592628	7624921	0.92	cps
Strontium	88-1	66509489	67770295	67063318	67114367	0.94	cps
Sulfur	34-1	700457	686983	682747	690063	1.34	cps
Terbium	159-1	2672305	2943407	3066434	2894049	6.97	cps
Thallium	203-1	1348665	1370332	1403485	1374161	2.01	cps
Thallium	205-1	3379217	3556872	3668590	3534893	4.13	cps
Thorium	232-1	1872	1989	1978	1946	3.31	cps
Tin	118-1	1711037	1710554	1771934	1731175	2.04	cps
Titanium	47-1	3925352	3937087	3919464	3927301	0.23	cps
Uranium	238-1	3834310	3884321	3985538	3901390	1.97	cps
Vanadium	51-1	4883985	4974581	4861883	4906816	1.22	cps
Yttrium	89-1	4956346	5449628	5543560	5316511	5.93	cps
Zinc	66-1	6776501	6885144	6867699	6843115	0.85	cps
Zirconium	90-1	3995827	4141598	4120943	4086122	1.93	cps
Zirconium	91-1	870563	889149	868873	876195	1.28	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 17:05:14 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	134466532	137052428	138177320	136565427	1.39	cps
Antimony	121-1	4414639	4505864	4584334	4501613	1.89	cps
Arsenic	75-1	1135611	1147722	1153291	1145542	0.79	cps
Barium	135-1	5042818	5139553	5185063	5122478	1.42	cps
Barium	137-1	8729162	9101860	9078832	8969951	2.33	cps
Beryllium	9-1	838428	879198	863024	860217	2.39	cps
Bismuth	209-1	1338496	1337872	1370829	1349065	1.40	cps
Boron	10-1	82319	89181	92383	87961	5.85	cps
Boron	11-1	403469	438601	459656	433909	6.54	cps
Bromine	81-1	10162	9345	9420	9642	4.68	cps
Cadmium	111-1	1054022	1072619	1071623	1066088	0.98	cps
Cadmium	106-1	117970	121049	121019	120013	1.47	cps
Cadmium	108-1	83002	85001	83861	83955	1.19	cps
Calcium	43-1	1520969	1528769	1554734	1534824	1.15	cps
Calcium	44-1	23895381	24053212	24218879	24055824	0.67	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	8254372	8375657	8411151	8347060	0.98	cps
Cobalt	59-1	9496808	9570276	9649920	9572335	0.80	cps
Copper	63-1	53010776	54054201	53917191	53660723	1.06	cps
Dysprosium	156-1	250	267	192	236	16.68	cps
Erbium	164-1	58	17	67	47	56.72	cps
Gadolinium	160-1	108	225	192	175	34.34	cps
Holmium	165-1	2915514	2988335	2958273	2954041	1.24	cps
Indium	115-1	2651536	2664476	2689503	2668505	0.72	cps
Iron	56-1	465557960	473633394	474535461	471242272	1.05	cps
Iron	57-1	11610109	11744309	11703034	11685817	0.59	cps
Iron	54-1						cps
Krypton	83-1	15271	15505	15618	15465	1.14	cps
Lead	206-1	12584990	12877351	12949682	12804008	1.51	cps
Lead	207-1	10411935	10773586	10910623	10698715	2.41	cps
Lead	208-1	39170709	39783474	39990116	39648100	1.07	cps
Lithium	6-1	737527	746994	754492	746338	1.14	cps
Magnesium	24-1	564813213	570618813	579386513	571606179	1.28	cps
Manganese	55-1	114713512	116769218	117390169	116290966	1.20	cps
Molybdenum	94-1	17432332	17764910	17723464	17640235	1.03	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:05:14	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	25277334	25948925	26005969	25744076	1.57	cps
Molybdenum	96-1	27342122	28199716	28135821	27892553	1.71	cps
Molybdenum	97-1	15592057	16037615	15956540	15862071	1.50	cps
Molybdenum	98-1	39640983	40428367	41286172	40451840	2.03	cps
Neodymium	150-1	380	347	413	380	8.77	cps
Nickel	60-1	2127219	2149803	2160620	2145880	0.79	cps
Phosphorus	31-1	6425562	6573667	6639938	6546389	1.68	cps
Potassium	39-1	406983526	415794093	416997209	413258276	1.32	cps
Rhodium	103-1	2604204	2612503	2657208	2624638	1.09	cps
Scandium	45-1	2081668	2093916	2083433	2086339	0.32	cps
Selenium	77-1	56675	58307	58332	57772	1.64	cps
Selenium	78-1	223130	223346	225274	223917	0.53	cps
Selenium	82-1	73246	74518	74657	74140	1.05	cps
Silicon	28-1	5709673	5906898	6070078	5895550	3.06	cps
Silver	107-1	5434949	5571624	5513775	5506783	1.25	cps
Silver	109-1	5077290	5213608	5248443	5179781	1.75	cps
Sodium	23-1	788339818	804673518	804671185	799228173	1.18	cps
Strontium	86-1	15168488	15442469	15593503	15401487	1.40	cps
Strontium	88-1	134971207	136657970	136833495	136154224	0.76	cps
Sulfur	34-1	871046	873700	871067	871938	0.18	cps
Terbium	159-1	3090225	3062078	3103575	3085293	0.69	cps
Thallium	203-1	3197529	3243733	3216622	3219295	0.72	cps
Thallium	205-1	7201874	7347911	7300353	7283379	1.02	cps
Thorium	232-1	683	622	794	700	12.47	cps
Tin	118-1	3486105	3544479	3619236	3549940	1.88	cps
Titanium	47-1	7858378	7986344	8151803	7998842	1.84	cps
Uranium	238-1	7950991	8030807	8157090	8046296	1.29	cps
Vanadium	51-1	9810225	10008679	10094216	9971040	1.46	cps
Yttrium	89-1	5602834	5549119	5652881	5601612	0.93	cps
Zinc	66-1	13525613	13676148	13857254	13686338	1.21	cps
Zirconium	90-1	8218002	8329538	8294085	8280542	0.69	cps
Zirconium	91-1	1834326	1847940	1861156	1847807	0.73	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:07:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	692323165	707883316	711801999	704002827	1.46	cps
Antimony	121-1	3384	3459	3484	3442	1.51	cps
Arsenic	75-1	-14790	-14798	-15169	-14919	-1.45	cps
Barium	135-1	2292	2309	2017	2206	7.43	cps
Barium	137-1	4067	4117	4126	4103	0.77	cps
Beryllium	9-1	613	487	563	554	11.51	cps
Bismuth	209-1	1259863	1268919	1233040	1253941	1.49	cps
Boron	10-1	5468	4818	4142	4809	13.78	cps
Boron	11-1	25931	22450	18820	22400	15.87	cps
Bromine	81-1	9553	9345	9912	9603	2.99	cps
Cadmium	111-1	1675	1573	1695	1648	3.95	cps
Cadmium	106-1	1854	1863	1892	1870	1.05	cps
Cadmium	108-1	63	121	96	93	31.45	cps
Calcium	43-1	7486411	7495138	7477804	7486451	0.12	cps
Calcium	44-1	118843994	120049824	119346824	119413547	0.51	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	43864	45024	44816	44568	1.39	cps
Cobalt	59-1	27273	27463	27854	27530	1.08	cps
Copper	63-1	90052	91504	90494	90684	0.82	cps
Dysprosium	156-1	742	633	758	711	9.54	cps
Erbium	164-1	83	83	92	86	5.58	cps
Gadolinium	160-1	625	583	667	625	6.67	cps
Holmium	165-1	2916372	2947159	2851348	2904960	1.68	cps
Indium	115-1	2642572	2675396	2673083	2663684	0.69	cps
Iron	56-1	2249362317	2299126718	2303857052	2284115362	1.32	cps
Iron	57-1	56008729	56687126	56587093	56427649	0.65	cps
Iron	54-1						cps
Krypton	83-1	15638	15071	15745	15485	2.34	cps
Lead	206-1	5807	5340	5690	5612	4.33	cps
Lead	207-1	4895	4623	4718	4745	2.91	cps
Lead	208-1	18502	16824	17128	17485	5.11	cps
Lithium	6-1	719679	735605	732713	729332	1.16	cps
Magnesium	24-1	2867044731	2928974265	2949472866	2915163954	1.47	cps
Manganese	55-1	71140	70023	69289	70151	1.33	cps
Molybdenum	94-1	6168	6243	5276	5896	9.13	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:07:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	8269	7185	6335	7263	13.35	cps
Molybdenum	96-1	10954	9979	9328	10087	8.11	cps
Molybdenum	97-1	5218	4693	3984	4631	13.37	cps
Molybdenum	98-1	13632	11330	10104	11688	15.32	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Nickel	60-1	13289	13199	13393	13294	0.73	cps
Phosphorus	31-1	21306	22399	22319	22008	2.77	cps
Potassium	39-1	2015217712	2051242779	2049783112	2038747868	1.00	cps
Rhodium	103-1	2532866	2504461	2549359	2528895	0.90	cps
Scandium	45-1	2056302	2105842	2074002	2078715	1.21	cps
Selenium	77-1	117	42	25	61	79.90	cps
Selenium	78-1	38218	39212	39593	39008	1.82	cps
Selenium	82-1	-15	494	57	179	154.32	cps
Silicon	28-1	1364481	1407589	1423174	1398414	2.17	cps
Silver	107-1	2363	2263	1892	2172	11.42	cps
Silver	109-1	2129	1938	2021	2029	4.74	cps
Sodium	23-1	3958133422	4066736358	4059163424	4028011068	1.51	cps
Strontium	86-1	35961	36237	35736	35978	0.70	cps
Strontium	88-1	100476	99394	98454	99441	1.02	cps
Sulfur	34-1	453519	462765	468526	461603	1.64	cps
Terbium	159-1	3105565	3076931	3094806	3092434	0.47	cps
Thallium	203-1	1033	850	775	886	15.00	cps
Thallium	205-1	2045	1898	1640	1861	11.00	cps
Thorium	232-1	61	78	72	70	12.06	cps
Tin	118-1	2475	2459	2350	2428	2.80	cps
Titanium	47-1	1542	1142	1233	1306	16.05	cps
Uranium	238-1	1167	1175	1067	1136	5.31	cps
Vanadium	51-1	2483	1892	2253	2209	13.48	cps
Yttrium	89-1	5517347	5526541	5524568	5522819	0.09	cps
Zinc	66-1	24100	24393	24761	24418	1.36	cps
Zirconium	90-1	4551	4526	4501	4526	0.55	cps
Zirconium	91-1	1075	858	1175	1036	15.62	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : ICV06 Instrumnet Name : P7
 Client Sample ID : ICV06 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 17:37:33 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	3373517	3362332	3374362	3370070	0.20	cps
Antimony	121-1	840780	859171	834378	844776	1.52	cps
Arsenic	75-1	218606	223542	218693	220280	1.28	cps
Barium	135-1	98675	97827	100397	98966	1.32	cps
Barium	137-1	173348	169510	171853	171570	1.13	cps
Beryllium	9-1	86720	87957	87863	87513	0.79	cps
Bismuth	209-1	1356324	1363878	1349014	1356405	0.55	cps
Boron	10-1	508	425	258	397	32.05	cps
Boron	11-1	1717	1658	2050	1808	11.69	cps
Bromine	81-1	9353	9312	9653	9439	1.98	cps
Cadmium	111-1	111259	112875	109485	111206	1.52	cps
Cadmium	106-1	11867	11555	11588	11670	1.47	cps
Cadmium	108-1	9999	10287	9774	10020	2.57	cps
Calcium	43-1	30039	29838	30206	30027	0.61	cps
Calcium	44-1	483269	487387	492653	487770	0.96	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	816878	812666	822010	817185	0.57	cps
Cobalt	59-1	939756	943232	933028	938672	0.55	cps
Copper	63-1	547503	552716	548375	549532	0.51	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Erbium	164-1	17	25	33	25	33.32	cps
Gadolinium	160-1	8	33	42	28	62.46	cps
Holmium	165-1	2811735	2830455	2811831	2818007	0.38	cps
Indium	115-1	2684887	2698635	2558814	2647446	2.91	cps
Iron	56-1	22721560	23074109	22856871	22884180	0.78	cps
Iron	57-1	521564	526796	520793	523051	0.62	cps
Iron	54-1						cps
Krypton	83-1	15705	15448	15675	15609	0.90	cps
Lead	206-1	474206	476472	472822	474500	0.39	cps
Lead	207-1	373719	381259	377224	377401	1.00	cps
Lead	208-1	1443539	1462123	1453561	1453074	0.64	cps
Lithium	6-1	753852	746298	742493	747548	0.77	cps
Magnesium	24-1	6455310	6393653	6434458	6427807	0.49	cps
Manganese	55-1	1084148	1100443	1097952	1094181	0.80	cps
Molybdenum	94-1	7209163	7254853	7137944	7200653	0.82	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICV06	Instrumnet Name :	P7
Client Sample ID :	ICV06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:37:33	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	12597683	12482852	12565013	12548516	0.47	cps
Molybdenum	96-1	13433751	13434623	13589549	13485975	0.67	cps
Molybdenum	97-1	7703493	7882308	7803561	7796454	1.15	cps
Molybdenum	98-1	19680475	19838085	19413163	19643908	1.09	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Nickel	60-1	226238	226230	223745	225405	0.64	cps
Phosphorus	31-1	18270	18179	17869	18106	1.16	cps
Potassium	39-1	22054465	22127866	22313229	22165186	0.60	cps
Rhodium	103-1	2622574	2603274	2580308	2602052	0.81	cps
Scandium	45-1	2035744	2003862	1994711	2011439	1.07	cps
Selenium	77-1	11680	11313	12297	11763	4.23	cps
Selenium	78-1	77852	79201	77208	78087	1.30	cps
Selenium	82-1	15076	15526	15213	15272	1.51	cps
Silicon	28-1	1242916	1293419	1316797	1284377	2.94	cps
Silver	107-1	264083	264964	264486	264511	0.17	cps
Silver	109-1	250220	253395	244468	249361	1.81	cps
Sodium	23-1	16357993	16568695	16670390	16532359	0.96	cps
Strontium	86-1	24863	24763	26240	25289	3.26	cps
Strontium	88-1	5184	5393	5259	5279	2.00	cps
Sulfur	34-1	414629	412645	418302	415192	0.69	cps
Terbium	159-1	3071748	2951650	2979816	3001071	2.09	cps
Thallium	203-1	608924	610179	604174	607759	0.52	cps
Thallium	205-1	1445253	1423206	1449680	1439380	0.99	cps
Thorium	232-1	50	44	44	46	6.92	cps
Tin	118-1	1283	1558	1217	1353	13.39	cps
Titanium	47-1	3942724	3882236	3935789	3920250	0.84	cps
Uranium	238-1	42	75	100	72	40.52	cps
Vanadium	51-1	915711	920634	931728	922691	0.89	cps
Yttrium	89-1	5379269	5369194	5372715	5373726	0.10	cps
Zinc	66-1	261808	263500	263060	262789	0.33	cps
Zirconium	90-1	933	883	808	875	7.19	cps
Zirconium	91-1	217	325	342	294	23.05	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : ICB06 Instrumnet Name : P7
 Client Sample ID : ICB06 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 17:43:03 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	5968	6677	6068	6238	6.15	cps
Antimony	121-1	288	204	267	253	17.16	cps
Arsenic	75-1	-15476	-15371	-15438	-15429	-0.34	cps
Barium	135-1	33	33	50	39	24.75	cps
Barium	137-1	8	8	50	22	108.27	cps
Beryllium	9-1	227	240	263	243	7.63	cps
Bismuth	209-1	1351025	1321018	1338133	1336725	1.13	cps
Boron	10-1	192	150	175	172	12.18	cps
Boron	11-1	1025	975	1292	1097	15.52	cps
Bromine	81-1	9036	9403	8845	9095	3.12	cps
Cadmium	111-1	1056	1184	1263	1168	8.97	cps
Cadmium	106-1	1525	1713	1813	1683	8.67	cps
Cadmium	108-1	17	63	38	39	59.00	cps
Calcium	43-1	175	233	117	175	33.33	cps
Calcium	44-1	12189	12497	12122	12269	1.63	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	16880	17116	16472	16823	1.94	cps
Cobalt	59-1	621	621	651	631	2.75	cps
Copper	63-1	27779	27175	27532	27495	1.11	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Erbium	164-1	25	17	17	19	24.73	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Holmium	165-1	2927352	2801880	2839872	2856368	2.25	cps
Indium	115-1	2726364	2647067	2715147	2696193	1.59	cps
Iron	56-1	4610282	4579067	4556218	4581856	0.59	cps
Iron	57-1	80576	80475	79952	80335	0.42	cps
Iron	54-1						cps
Krypton	83-1	15779	15478	15975	15744	1.59	cps
Lead	206-1	383	344	372	367	5.46	cps
Lead	207-1	272	294	350	306	13.11	cps
Lead	208-1	1177	1091	1135	1134	3.82	cps
Lithium	6-1	751860	732269	736968	740366	1.38	cps
Magnesium	24-1	24228	25463	26098	25263	3.76	cps
Manganese	55-1	10384	10384	10124	10297	1.46	cps
Molybdenum	94-1	508	567	725	600	18.69	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : ICB06 Instrumnet Name : P7
 Client Sample ID : ICB06 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 17:43:03 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	1000	867	1183	1017	15.64	cps
Molybdenum	96-1	908	1042	1092	1014	9.35	cps
Molybdenum	97-1	592	692	517	600	14.63	cps
Molybdenum	98-1	1442	1600	1442	1495	6.12	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Nickel	60-1	583	593	477	551	11.73	cps
Phosphorus	31-1	18009	18079	18901	18330	2.71	cps
Potassium	39-1	6600697	6573181	6553017	6575631	0.36	cps
Rhodium	103-1	2651699	2586484	2640680	2626288	1.33	cps
Scandium	45-1	2024224	1931894	1985672	1980596	2.34	cps
Selenium	77-1	75	58	50	61	20.83	cps
Selenium	78-1	38911	39382	39604	39299	0.90	cps
Selenium	82-1	-136	2	-454	-196	-119.16	cps
Silicon	28-1	837917	831687	838557	836053	0.45	cps
Silver	107-1	396	575	542	504	18.90	cps
Silver	109-1	388	363	379	376	3.38	cps
Sodium	23-1	858280	853288	853333	854967	0.34	cps
Strontium	86-1	24087	24721	24930	24579	1.79	cps
Strontium	88-1	742	683	617	681	9.19	cps
Sulfur	34-1	421555	426212	420405	422724	0.73	cps
Terbium	159-1	3020393	2919974	2981825	2974064	1.70	cps
Thallium	203-1	142	142	217	167	25.98	cps
Thallium	205-1	442	468	393	434	8.80	cps
Thorium	232-1	33	0	6	13	137.74	cps
Tin	118-1	1125	1217	1033	1125	8.15	cps
Titanium	47-1	217	217	408	281	39.44	cps
Uranium	238-1	8	33	33	25	57.74	cps
Vanadium	51-1	160	150	240	184	26.91	cps
Yttrium	89-1	5446808	5228459	5412590	5362619	2.19	cps
Zinc	66-1	1190	1260	1370	1273	7.13	cps
Zirconium	90-1	317	325	300	314	4.06	cps
Zirconium	91-1	67	42	58	56	22.91	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P7
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:45:40	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	660497315	665732965	672709065	666313115	0.92	cps
Antimony	121-1	4868	4988	4747	4868	2.48	cps
Arsenic	75-1	-13690	-13333	-13042	-13355	-2.43	cps
Barium	135-1	1233	1417	1417	1356	7.81	cps
Barium	137-1	2484	2575	2517	2525	1.84	cps
Beryllium	9-1	463	470	440	458	3.44	cps
Bismuth	209-1	1381197	1427221	1310026	1372815	4.30	cps
Boron	10-1	333	233	325	297	18.67	cps
Boron	11-1	1300	1367	1417	1361	4.30	cps
Bromine	81-1	10738	10571	10246	10518	2.38	cps
Cadmium	111-1	1756	1672	1574	1667	5.47	cps
Cadmium	106-1	1788	1767	1704	1753	2.47	cps
Cadmium	108-1	933	1075	1104	1038	8.81	cps
Calcium	43-1	1467459	1485760	1476491	1476570	0.62	cps
Calcium	44-1	22887720	23342881	23368290	23199630	1.17	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	173061	175476	175472	174670	0.80	cps
Cobalt	59-1	11917	12608	12228	12251	2.83	cps
Copper	63-1	70703	72283	72042	71676	1.19	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Erbium	164-1	50	25	42	39	32.73	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Holmium	165-1	3012278	2885090	2916963	2938110	2.25	cps
Indium	115-1	2762022	2709433	2737436	2736297	0.96	cps
Iron	56-1	900252253	913326754	925646621	913075209	1.39	cps
Iron	57-1	21988464	22542039	22718495	22416332	1.70	cps
Iron	54-1						cps
Krypton	83-1	14964	15752	15605	15440	2.71	cps
Lead	206-1	12056	12072	11683	11937	1.84	cps
Lead	207-1	9281	9159	9126	9189	0.89	cps
Lead	208-1	35637	35408	35288	35444	0.50	cps
Lithium	6-1	766759	739317	736946	747674	2.22	cps
Magnesium	24-1	534273029	537493595	539906279	537224301	0.53	cps
Manganese	55-1	89556	89918	92375	90617	1.69	cps
Molybdenum	94-1	2500677	2528570	2486562	2505270	0.85	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICSA06	Instrumnet Name :	P7
Client Sample ID :	ICSA06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:45:40	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	4407143	4392680	4439879	4413234	0.55	cps
Molybdenum	96-1	4655412	4718093	4760894	4711466	1.13	cps
Molybdenum	97-1	2789533	2776069	2760423	2775341	0.52	cps
Molybdenum	98-1	6950745	7022299	7054265	7009103	0.76	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Nickel	60-1	11751	11858	11718	11776	0.62	cps
Phosphorus	31-1	31511432	31967465	31867899	31782265	0.75	cps
Potassium	39-1	780607201	778175451	791855301	783545984	0.93	cps
Rhodium	103-1	2690403	2575606	2587157	2617722	2.41	cps
Scandium	45-1	2137121	2073722	2076244	2095696	1.71	cps
Selenium	77-1	325	467	642	478	33.20	cps
Selenium	78-1	39282	38740	39804	39275	1.35	cps
Selenium	82-1	400	-219	-88	31	1051.65	cps
Silicon	28-1	1279635	1284525	1286335	1283498	0.27	cps
Silver	107-1	713	546	513	590	18.15	cps
Silver	109-1	704	583	575	621	11.64	cps
Sodium	23-1	776370151	781807767	780872884	779683601	0.37	cps
Strontium	86-1	74765	74799	72085	73883	2.11	cps
Strontium	88-1	430045	437184	437276	434835	0.95	cps
Sulfur	34-1	2772722	2714561	2770341	2752541	1.20	cps
Terbium	159-1	3251144	3026590	3088197	3121977	3.72	cps
Thallium	203-1	1467	1784	1700	1650	9.95	cps
Thallium	205-1	3057	4218	4132	3803	17.01	cps
Thorium	232-1	22	61	44	43	45.81	cps
Tin	118-1	1492	1667	1767	1642	8.48	cps
Titanium	47-1	1423312	1453104	1468739	1448385	1.59	cps
Uranium	238-1	200	133	167	167	20.00	cps
Vanadium	51-1	7139	11496	14712	11116	34.19	cps
Yttrium	89-1	5643165	5454209	5437483	5511619	2.07	cps
Zinc	66-1	16416	16853	17133	16801	2.15	cps
Zirconium	90-1	417	458	383	419	8.96	cps
Zirconium	91-1	83	83	83	83	0.00	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P7
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:48:13	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	660883748	667952998	655880281	661572343	0.92	cps
Antimony	121-1	87208	86898	87744	87283	0.49	cps
Arsenic	75-1	8542	10012	9575	9376	8.05	cps
Barium	135-1	20774	19998	20949	20574	2.46	cps
Barium	137-1	35679	35737	35169	35528	0.88	cps
Beryllium	9-1	17393	17780	17714	17629	1.17	cps
Bismuth	209-1	1299019	1306497	1472981	1359499	7.23	cps
Boron	10-1	208	208	250	222	10.83	cps
Boron	11-1	1383	1242	1292	1306	5.50	cps
Bromine	81-1	9970	10129	9904	10001	1.16	cps
Cadmium	111-1	21634	21314	21520	21489	0.75	cps
Cadmium	106-1	3638	3438	3676	3584	3.56	cps
Cadmium	108-1	2379	2421	2329	2377	1.93	cps
Calcium	43-1	1465516	1488772	1506742	1487010	1.39	cps
Calcium	44-1	23256675	23606393	23691308	23518125	0.98	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	324932	326328	326402	325887	0.25	cps
Cobalt	59-1	184090	188955	188691	187245	1.46	cps
Copper	63-1	168014	170998	172612	170542	1.37	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Erbium	164-1	83	50	33	56	45.83	cps
Gadolinium	160-1	25	42	75	47	53.91	cps
Holmium	165-1	2892791	2876359	3043122	2937424	3.13	cps
Indium	115-1	2654319	2652869	2756785	2687991	2.22	cps
Iron	56-1	899913853	912704887	908644787	907087843	0.72	cps
Iron	57-1	21969139	22485983	22522928	22326017	1.39	cps
Iron	54-1						cps
Krypton	83-1	16112	15588	15381	15694	2.40	cps
Lead	206-1	54302	55775	56824	55634	2.28	cps
Lead	207-1	43144	44209	43986	43780	1.28	cps
Lead	208-1	167358	169956	170270	169194	0.94	cps
Lithium	6-1	737436	739616	759336	745463	1.62	cps
Magnesium	24-1	532397012	539698629	534864562	535653401	0.69	cps
Manganese	55-1	296637	299347	296840	297608	0.51	cps
Molybdenum	94-1	2546013	2545097	2544647	2545253	0.03	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	ICSAB06	Instrumnet Name :	P7
Client Sample ID :	ICSAB06	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:48:13	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	4317234	4446529	4475374	4413046	1.91	cps
Molybdenum	96-1	4652939	4771562	4822234	4748911	1.83	cps
Molybdenum	97-1	2751339	2785751	2796839	2777976	0.85	cps
Molybdenum	98-1	6988036	7044004	7064623	7032221	0.56	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Nickel	60-1	49752	51605	50675	50677	1.83	cps
Phosphorus	31-1	32071313	31848455	31673963	31864577	0.63	cps
Potassium	39-1	779730467	793749218	784812468	786097384	0.90	cps
Rhodium	103-1	2532428	2569290	2605836	2569184	1.43	cps
Scandium	45-1	2016306	2055686	2115231	2062408	2.41	cps
Selenium	77-1	1508	1892	1858	1753	12.12	cps
Selenium	78-1	43277	44130	43077	43495	1.29	cps
Selenium	82-1	1183	1146	1515	1281	15.85	cps
Silicon	28-1	1286150	1302113	1320043	1302769	1.30	cps
Silver	107-1	98221	99969	97419	98536	1.32	cps
Silver	109-1	92807	93058	95529	93798	1.60	cps
Sodium	23-1	777929817	791233418	794703801	787955679	1.12	cps
Strontium	86-1	73551	74915	74606	74357	0.96	cps
Strontium	88-1	431910	437603	442794	437435	1.24	cps
Sulfur	34-1	2767643	2782656	2757127	2769142	0.46	cps
Terbium	159-1	3035640	3110429	3120324	3088798	1.50	cps
Thallium	203-1	55450	56095	55920	55822	0.60	cps
Thallium	205-1	132858	133083	131844	132595	0.50	cps
Thorium	232-1	11	28	22	20	41.67	cps
Tin	118-1	1492	1217	1492	1400	11.34	cps
Titanium	47-1	1415032	1470915	1441969	1442639	1.94	cps
Uranium	238-1	175	108	83	122	38.77	cps
Vanadium	51-1	192030	199756	201906	197897	2.62	cps
Yttrium	89-1	5430946	5569154	5656142	5552081	2.05	cps
Zinc	66-1	41631	42019	41604	41752	0.56	cps
Zirconium	90-1	417	442	442	433	3.33	cps
Zirconium	91-1	117	133	67	106	32.87	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : CCV23 Instrumnet Name : P7
 Client Sample ID : CCV23 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 17:56:25 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	347128699	351472733	354146025	350915819	1.01	cps
Antimony	121-1	2199445	2205239	2224259	2209648	0.59	cps
Arsenic	75-1	543640	549939	546233	546604	0.58	cps
Barium	135-1	2468265	2580011	2543501	2530592	2.25	cps
Barium	137-1	4336782	4472349	4526968	4445366	2.20	cps
Beryllium	9-1	416886	426219	430107	424404	1.60	cps
Bismuth	209-1	1258637	1257472	1283492	1266534	1.16	cps
Boron	10-1	41782	43428	45400	43537	4.16	cps
Boron	11-1	204889	215783	224412	215028	4.55	cps
Bromine	81-1	9595	10070	9862	9842	2.42	cps
Cadmium	111-1	503600	510326	514522	509483	1.08	cps
Cadmium	106-1	57814	58421	58940	58392	0.96	cps
Cadmium	108-1	39525	40607	40227	40119	1.37	cps
Calcium	43-1	3720038	3787845	3797836	3768573	1.12	cps
Calcium	44-1	58884451	60006681	59602056	59497729	0.96	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4144933	4185134	4135609	4155225	0.63	cps
Cobalt	59-1	4711720	4735490	4817391	4754867	1.17	cps
Copper	63-1	27492580	27991238	28198113	27893977	1.30	cps
Dysprosium	156-1	400	408	400	403	1.19	cps
Erbium	164-1	92	67	92	83	17.32	cps
Gadolinium	160-1	300	383	383	356	13.53	cps
Holmium	165-1	2979185	2888788	2928363	2932112	1.55	cps
Indium	115-1	2621149	2706791	2691471	2673137	1.71	cps
Iron	56-1	1150798059	1176458160	1187664293	1171640171	1.61	cps
Iron	57-1	28512106	28785570	29107876	28801851	1.04	cps
Iron	54-1						cps
Krypton	83-1	15855	15822	16049	15909	0.77	cps
Lead	206-1	6020062	6139425	6122735	6094074	1.06	cps
Lead	207-1	4998048	5192134	5145092	5111758	1.98	cps
Lead	208-1	19105195	18969391	19022712	19032433	0.36	cps
Lithium	6-1	723037	725293	733727	727352	0.77	cps
Magnesium	24-1	1438456765	1453971599	1454861266	1449096544	0.64	cps
Manganese	55-1	56858111	56913653	57358288	57043351	0.48	cps
Molybdenum	94-1	8545938	8827907	8714518	8696121	1.63	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 17:56:25	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	12564432	12742555	12729754	12678914	0.78	cps
Molybdenum	96-1	13495139	14037920	14041201	13858087	2.27	cps
Molybdenum	97-1	7782338	7969590	8002628	7918185	1.50	cps
Molybdenum	98-1	19746769	20180737	20454652	20127386	1.77	cps
Neodymium	150-1	160	167	213	180	16.15	cps
Nickel	60-1	1009843	1026991	1013742	1016859	0.88	cps
Phosphorus	31-1	3257484	3323903	3328290	3303226	1.20	cps
Potassium	39-1	1014047223	1042606723	1036311123	1030988356	1.46	cps
Rhodium	103-1	2578711	2605801	2634926	2606479	1.08	cps
Scandium	45-1	2092935	2127563	2108799	2109766	0.82	cps
Selenium	77-1	28904	28870	29613	29129	1.44	cps
Selenium	78-1	131975	132782	131754	132171	0.41	cps
Selenium	82-1	36579	36798	36491	36623	0.43	cps
Silicon	28-1	3551245	3705312	3717760	3658106	2.54	cps
Silver	107-1	2649872	2767657	2673335	2696955	2.31	cps
Silver	109-1	2518898	2549165	2509962	2526008	0.81	cps
Sodium	23-1	1972642844	2024872512	2024649312	2007388223	1.50	cps
Strontium	86-1	7628346	7687078	7733468	7682964	0.69	cps
Strontium	88-1	67828879	67888864	68139795	67952513	0.24	cps
Sulfur	34-1	677848	682373	678672	679631	0.35	cps
Terbium	159-1	3041085	3087295	3131853	3086745	1.47	cps
Thallium	203-1	1324220	1332884	1340670	1332592	0.62	cps
Thallium	205-1	3526902	3495534	3529870	3517435	0.54	cps
Thorium	232-1	1183	1289	1145	1206	6.20	cps
Tin	118-1	1733189	1741841	1736277	1737102	0.25	cps
Titanium	47-1	3902803	4008542	3996528	3969291	1.46	cps
Uranium	238-1	3889423	3879482	3901309	3890071	0.28	cps
Vanadium	51-1	4953168	4958345	4977955	4963156	0.26	cps
Yttrium	89-1	5681573	5633645	5681491	5665570	0.49	cps
Zinc	66-1	7088237	7117346	7184287	7129957	0.69	cps
Zirconium	90-1	4076341	4194383	4218709	4163144	1.83	cps
Zirconium	91-1	850715	874466	876010	867064	1.64	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:07:44 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	8569	8953	9812	9111	6.98	cps
Antimony	121-1	371	329	275	325	14.78	cps
Arsenic	75-1	-15299	-15802	-15669	-15590	-1.67	cps
Barium	135-1	42	8	25	25	66.68	cps
Barium	137-1	83	117	158	119	31.46	cps
Beryllium	9-1	197	223	230	217	8.14	cps
Bismuth	209-1	1263040	1285734	1259463	1269412	1.12	cps
Boron	10-1	450	417	550	472	14.69	cps
Boron	11-1	2184	2234	1917	2111	8.06	cps
Bromine	81-1	9312	9420	9678	9470	1.99	cps
Cadmium	111-1	1095	1197	1104	1132	4.98	cps
Cadmium	106-1	1613	1733	1583	1643	4.84	cps
Cadmium	108-1	67	42	42	50	28.87	cps
Calcium	43-1	200	208	275	228	18.05	cps
Calcium	44-1	12923	12956	12756	12878	0.83	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	18218	18485	18211	18305	0.85	cps
Cobalt	59-1	891	581	771	747	20.94	cps
Copper	63-1	25602	25265	25862	25576	1.17	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Erbium	164-1	8	8	67	28	121.26	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Holmium	165-1	2765469	2697815	2783084	2748789	1.64	cps
Indium	115-1	2652070	2696787	2621760	2656872	1.42	cps
Iron	56-1	5316708	5311332	5276236	5301425	0.41	cps
Iron	57-1	80990	80375	78896	80087	1.34	cps
Iron	54-1						cps
Krypton	83-1	15528	16042	15538	15703	1.87	cps
Lead	206-1	511	583	767	620	21.24	cps
Lead	207-1	667	533	561	587	11.98	cps
Lead	208-1	1800	1759	2245	1935	13.93	cps
Lithium	6-1	710694	706484	702718	706632	0.56	cps
Magnesium	24-1	41298	41690	44741	42576	4.43	cps
Manganese	55-1	11086	11416	11697	11399	2.68	cps
Molybdenum	94-1	567	375	400	447	23.30	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:07:44	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	558	375	408	447	21.84	cps
Molybdenum	96-1	808	458	542	603	30.33	cps
Molybdenum	97-1	367	167	300	278	36.66	cps
Molybdenum	98-1	950	625	600	725	26.93	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Nickel	60-1	497	533	527	519	3.76	cps
Phosphorus	31-1	19252	18580	18881	18905	1.78	cps
Potassium	39-1	6859010	6848044	6771612	6826222	0.70	cps
Rhodium	103-1	2589852	2567623	2587817	2581764	0.48	cps
Scandium	45-1	2023089	2008262	1960825	1997392	1.63	cps
Selenium	77-1	117	67	92	92	27.27	cps
Selenium	78-1	40256	40266	40687	40403	0.61	cps
Selenium	82-1	12	-90	289	70	279.74	cps
Silicon	28-1	835687	830999	836040	834242	0.34	cps
Silver	107-1	163	138	175	158	12.06	cps
Silver	109-1	150	150	129	143	8.41	cps
Sodium	23-1	942934	944925	938349	942069	0.36	cps
Strontium	86-1	25314	23853	24613	24593	2.97	cps
Strontium	88-1	1500	1333	1608	1481	9.36	cps
Sulfur	34-1	466567	465815	463648	465343	0.33	cps
Terbium	159-1	2923635	2942506	2892334	2919492	0.87	cps
Thallium	203-1	933	900	842	892	5.20	cps
Thallium	205-1	2430	2164	2228	2274	6.10	cps
Thorium	232-1	33	33	11	26	49.49	cps
Tin	118-1	1100	1175	1233	1170	5.72	cps
Titanium	47-1	175	133	167	158	13.92	cps
Uranium	238-1	50	83	75	69	24.98	cps
Vanadium	51-1	190	250	240	227	14.18	cps
Yttrium	89-1	5340519	5302959	5296830	5313436	0.45	cps
Zinc	66-1	1243	1470	1543	1419	11.02	cps
Zirconium	90-1	342	350	358	350	2.38	cps
Zirconium	91-1	100	67	67	78	24.74	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:20:05 DataFile Name : 026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	134931	140463	138428	137941	2.03	cps
Antimony	121-1	7806	8177	8348	8111	3.42	cps
Arsenic	75-1	-14633	-14603	-14399	-14545	-0.88	cps
Barium	135-1	8978	9770	8961	9237	5.00	cps
Barium	137-1	15884	15634	16543	16020	2.93	cps
Beryllium	9-1	1080	970	1110	1053	7.00	cps
Bismuth	209-1	1275154	1260232	1269516	1268301	0.59	cps
Boron	10-1	2300	2275	2350	2309	1.65	cps
Boron	11-1	10929	11788	12447	11721	6.49	cps
Bromine	81-1	9370	9553	9945	9623	3.05	cps
Cadmium	111-1	2375	2160	2183	2239	5.26	cps
Cadmium	106-1	1975	1733	1763	1824	7.23	cps
Cadmium	108-1	154	113	138	135	15.57	cps
Calcium	43-1	7460	7602	7952	7672	3.30	cps
Calcium	44-1	123350	128543	127057	126317	2.12	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	33247	32893	32989	33043	0.55	cps
Cobalt	59-1	10194	9813	9282	9763	4.69	cps
Copper	63-1	33999	34075	33644	33906	0.68	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Erbium	164-1	8	0	42	17	132.30	cps
Gadolinium	160-1	8	8	0	6	86.60	cps
Holmium	165-1	2760646	2757825	2747569	2755347	0.25	cps
Indium	115-1	2668581	2584861	2629065	2627502	1.59	cps
Iron	56-1	5856230	5760395	5844692	5820439	0.90	cps
Iron	57-1	97270	97422	99316	98003	1.16	cps
Iron	54-1						cps
Krypton	83-1	15588	16089	15775	15817	1.60	cps
Lead	206-1	2195	2345	2528	2356	7.09	cps
Lead	207-1	2089	1928	2050	2022	4.16	cps
Lead	208-1	7293	7294	7534	7374	1.88	cps
Lithium	6-1	708118	703515	699060	703564	0.64	cps
Magnesium	24-1	2649340	2709190	2745856	2701462	1.80	cps
Manganese	55-1	22560	22039	22630	22410	1.44	cps
Molybdenum	94-1	8778	9270	8903	8984	2.85	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:20:05	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	10729	11046	11246	11007	2.37	cps
Molybdenum	96-1	12122	12005	12205	12111	0.83	cps
Molybdenum	97-1	6260	6518	6752	6510	3.78	cps
Molybdenum	98-1	16276	17502	18229	17336	5.69	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Nickel	60-1	2347	2597	2527	2490	5.18	cps
Phosphorus	31-1	23883	24334	24004	24074	0.97	cps
Potassium	39-1	10398218	10436234	10443612	10426021	0.23	cps
Rhodium	103-1	2591537	2522076	2567641	2560418	1.38	cps
Scandium	45-1	2016572	1956747	1944050	1972456	1.96	cps
Selenium	77-1	300	358	342	333	9.01	cps
Selenium	78-1	41450	41972	40245	41223	2.15	cps
Selenium	82-1	470	-44	448	291	99.87	cps
Silicon	28-1	1138532	849684	857233	948483	17.36	cps
Silver	107-1	4713	4984	5384	5027	6.72	cps
Silver	109-1	4567	4622	5022	4737	5.24	cps
Sodium	23-1	4502509	4610181	4601571	4571420	1.31	cps
Strontium	86-1	26725	26274	25882	26293	1.60	cps
Strontium	88-1	13081	13240	13773	13365	2.71	cps
Sulfur	34-1	461776	461563	458903	460747	0.35	cps
Terbium	159-1	2871060	2880486	2931334	2894293	1.12	cps
Thallium	203-1	2909	2859	3259	3009	7.25	cps
Thallium	205-1	6828	7121	7179	7043	2.67	cps
Thorium	232-1	6835	7247	6752	6945	3.81	cps
Tin	118-1	17244	17545	17661	17483	1.23	cps
Titanium	47-1	3676	3384	3267	3442	6.11	cps
Uranium	238-1	6393	7069	6385	6616	5.93	cps
Vanadium	51-1	45385	46770	45023	45726	2.02	cps
Yttrium	89-1	5361434	5326907	5382855	5357065	0.53	cps
Zinc	66-1	4124	4131	4414	4223	3.92	cps
Zirconium	90-1	7919	7977	7769	7888	1.36	cps
Zirconium	91-1	1709	1617	1792	1706	5.13	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : PB142167BL Instrumnet Name : P7
 Client Sample ID : PB142167BL Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:22:39 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4126	4209	4234	4190	1.35	cps
Antimony	121-1	88	63	50	67	28.64	cps
Arsenic	75-1	-15842	-15774	-15626	-15747	-0.70	cps
Barium	135-1	42	42	17	33	43.30	cps
Barium	137-1	33	17	17	22	43.28	cps
Beryllium	9-1	227	187	180	198	12.76	cps
Bismuth	209-1	1153694	1258632	1169032	1193786	4.75	cps
Boron	10-1	383	325	317	342	10.63	cps
Boron	11-1	1708	1725	1375	1603	12.32	cps
Bromine	81-1	8853	9228	9153	9078	2.19	cps
Cadmium	111-1	1098	1064	1057	1073	2.03	cps
Cadmium	106-1	1608	1538	1488	1545	3.93	cps
Cadmium	108-1	58	29	38	42	36.05	cps
Calcium	43-1	167	208	150	175	17.17	cps
Calcium	44-1	11797	12130	11580	11836	2.34	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	17737	18478	18441	18219	2.29	cps
Cobalt	59-1	531	481	611	541	12.14	cps
Copper	63-1	24133	23772	23378	23761	1.59	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Erbium	164-1	25	42	17	28	45.82	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Holmium	165-1	2476034	2722902	2581721	2593552	4.78	cps
Indium	115-1	2432788	2613756	2482479	2509674	3.73	cps
Iron	56-1	5094849	5073979	5181080	5116636	1.11	cps
Iron	57-1	79218	79821	80063	79700	0.55	cps
Iron	54-1						cps
Krypton	83-1	15668	15965	15802	15812	0.94	cps
Lead	206-1	278	278	283	280	1.15	cps
Lead	207-1	261	256	233	250	5.88	cps
Lead	208-1	976	914	884	925	5.05	cps
Lithium	6-1	655615	711929	667446	678330	4.38	cps
Magnesium	24-1	24245	25580	25638	25154	3.13	cps
Manganese	55-1	10525	9302	10595	10141	7.17	cps
Molybdenum	94-1	133	67	125	108	33.53	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : PB142167BL Instrumnet Name : P7
 Client Sample ID : PB142167BL Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:22:39 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	150	108	158	139	19.29	cps
Molybdenum	96-1	92	133	142	122	21.92	cps
Molybdenum	97-1	58	108	92	86	29.57	cps
Molybdenum	98-1	200	117	150	156	26.96	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Nickel	60-1	503	427	543	491	12.07	cps
Phosphorus	31-1	18831	17869	18871	18524	3.06	cps
Potassium	39-1	6714161	6727880	6654611	6698884	0.58	cps
Rhodium	103-1	2323707	2565977	2423947	2437877	4.99	cps
Scandium	45-1	1785787	1965169	1878142	1876366	4.78	cps
Selenium	77-1	42	58	108	69	49.96	cps
Selenium	78-1	38881	40727	39583	39730	2.35	cps
Selenium	82-1	240	-67	-1	58	280.90	cps
Silicon	28-1	831479	828205	824744	828143	0.41	cps
Silver	107-1	179	238	188	201	15.67	cps
Silver	109-1	154	138	138	143	6.73	cps
Sodium	23-1	788826	787290	789870	788662	0.16	cps
Strontium	86-1	24337	24546	24654	24512	0.66	cps
Strontium	88-1	525	700	517	581	17.83	cps
Sulfur	34-1	466428	464798	463563	464930	0.31	cps
Terbium	159-1	2598530	2892822	2708357	2733236	5.44	cps
Thallium	203-1	383	400	408	397	3.20	cps
Thallium	205-1	977	1127	969	1024	8.70	cps
Thorium	232-1	17	33	50	33	50.00	cps
Tin	118-1	1158	1067	1125	1117	4.15	cps
Titanium	47-1	67	117	142	108	35.25	cps
Uranium	238-1	17	25	25	22	21.64	cps
Vanadium	51-1	160	150	160	157	3.68	cps
Yttrium	89-1	4835271	5328211	4970659	5044714	5.05	cps
Zinc	66-1	1190	1340	1240	1257	6.08	cps
Zirconium	90-1	267	292	308	289	7.26	cps
Zirconium	91-1	50	67	58	58	14.29	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	N1205-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:25:15	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4768921	4808928	4803751	4793866	0.45	cps
Antimony	121-1	175885	179480	179609	178325	1.19	cps
Arsenic	75-1	11732	12103	12750	12195	4.23	cps
Barium	135-1	996119	991302	995266	994229	0.26	cps
Barium	137-1	1818733	1835173	1817591	1823833	0.54	cps
Beryllium	9-1	9590	9443	9443	9492	0.89	cps
Bismuth	209-1	1241115	1230468	1240649	1237411	0.49	cps
Boron	10-1	119701	132186	134118	128668	6.08	cps
Boron	11-1	598097	641425	677985	639169	6.26	cps
Bromine	81-1	9086	8978	9253	9106	1.52	cps
Cadmium	111-1	31558	32456	31931	31982	1.41	cps
Cadmium	106-1	4280	4784	4476	4513	5.63	cps
Cadmium	108-1	2200	2346	2234	2260	3.38	cps
Calcium	43-1	167	250	233	217	20.35	cps
Calcium	44-1	12005	12747	13081	12611	4.37	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	185872	187995	187640	187169	0.61	cps
Cobalt	59-1	991	871	801	888	10.84	cps
Copper	63-1	2654059	2670594	2707812	2677488	1.03	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Erbium	164-1	17	17	25	19	24.73	cps
Gadolinium	160-1	17	33	8	19	65.47	cps
Holmium	165-1	2606484	2706260	2654942	2655895	1.88	cps
Indium	115-1	2564621	2553240	2548299	2555387	0.33	cps
Iron	56-1	18330554	18492761	18393257	18405524	0.44	cps
Iron	57-1	398776	401972	403709	401486	0.62	cps
Iron	54-1						cps
Krypton	83-1	15995	15759	15712	15822	0.96	cps
Lead	206-1	36379	36485	36479	36447	0.16	cps
Lead	207-1	29773	31188	30180	30380	2.40	cps
Lead	208-1	113243	115725	114551	114506	1.08	cps
Lithium	6-1	694377	695778	705684	698613	0.88	cps
Magnesium	24-1	26039	27300	26457	26599	2.41	cps
Manganese	55-1	2710442	2675181	2728150	2704591	1.00	cps
Molybdenum	94-1	67648	70931	67975	68851	2.63	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	N1205-04RE	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:25:15	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	117924	124274	121073	121090	2.62	cps
Molybdenum	96-1	127016	131228	131044	129763	1.83	cps
Molybdenum	97-1	73954	77062	74523	75180	2.20	cps
Molybdenum	98-1	185307	192086	189731	189041	1.82	cps
Neodymium	150-1	60	73	73	69	11.18	cps
Nickel	60-1	394812	406950	406414	402725	1.70	cps
Phosphorus	31-1	18741	18530	18971	18747	1.18	cps
Potassium	39-1	6785702	6783389	6736626	6768572	0.41	cps
Rhodium	103-1	2533077	2547271	2509556	2529968	0.75	cps
Scandium	45-1	1966851	1944022	1913401	1941425	1.38	cps
Selenium	77-1	4768	5009	5259	5012	4.91	cps
Selenium	78-1	55419	55711	56857	55996	1.36	cps
Selenium	82-1	6220	6418	6211	6283	1.87	cps
Silicon	28-1	1353786	1366294	1349085	1356388	0.66	cps
Silver	107-1	578048	580285	598553	585629	1.92	cps
Silver	109-1	543111	552636	559094	551614	1.46	cps
Sodium	23-1	949939	953109	953755	952268	0.21	cps
Strontium	86-1	25247	25765	24588	25200	2.34	cps
Strontium	88-1	1133	1192	1283	1203	6.29	cps
Sulfur	34-1	471516	470320	466818	469551	0.52	cps
Terbium	159-1	2807387	2850349	2792102	2816612	1.07	cps
Thallium	203-1	21885	21952	22804	22214	2.31	cps
Thallium	205-1	49567	50013	49430	49670	0.61	cps
Thorium	232-1	17	33	17	22	43.28	cps
Tin	118-1	1092	1500	1383	1325	15.87	cps
Titanium	47-1	175	167	142	161	10.77	cps
Uranium	238-1	8	25	25	19	49.50	cps
Vanadium	51-1	1710904	1761980	1760728	1744537	1.67	cps
Yttrium	89-1	5142857	5109161	5134331	5128783	0.34	cps
Zinc	66-1	1277941	1287574	1306994	1290836	1.15	cps
Zirconium	90-1	667	650	483	600	16.90	cps
Zirconium	91-1	58	133	125	106	38.94	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	N1205-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:33:20	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	4787228	4818959	4843959	4816715	0.59	cps
Antimony	121-1	175996	177733	177417	177049	0.52	cps
Arsenic	75-1	11217	12299	11986	11834	4.70	cps
Barium	135-1	987720	994901	996836	993152	0.48	cps
Barium	137-1	1820431	1832502	1820242	1824391	0.39	cps
Beryllium	9-1	9813	9650	9563	9675	1.31	cps
Bismuth	209-1	1287289	1293559	1263334	1281394	1.24	cps
Boron	10-1	129120	138851	144048	137340	5.52	cps
Boron	11-1	646887	703229	709000	686372	5.00	cps
Bromine	81-1	9495	8836	9136	9156	3.60	cps
Cadmium	111-1	31455	31795	31053	31434	1.18	cps
Cadmium	106-1	4522	4563	4638	4574	1.29	cps
Cadmium	108-1	2017	2092	2117	2075	2.51	cps
Calcium	43-1	308	242	375	308	21.62	cps
Calcium	44-1	12239	12656	12305	12400	1.81	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	185477	185337	186449	185754	0.33	cps
Cobalt	59-1	721	861	821	801	9.01	cps
Copper	63-1	2620953	2618060	2654320	2631111	0.77	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Erbium	164-1	0	42	33	25	88.19	cps
Gadolinium	160-1	25	0	33	19	89.21	cps
Holmium	165-1	2777670	2770235	2649452	2732452	2.63	cps
Indium	115-1	2645850	2676205	2570638	2630897	2.07	cps
Iron	56-1	17905125	18266402	18017376	18062968	1.02	cps
Iron	57-1	390871	398819	401487	397059	1.39	cps
Iron	54-1						cps
Krypton	83-1	15982	15869	15632	15827	1.13	cps
Lead	206-1	36869	36373	37638	36960	1.72	cps
Lead	207-1	30030	31054	30458	30514	1.69	cps
Lead	208-1	113966	114422	116508	114965	1.18	cps
Lithium	6-1	715698	731681	708392	718590	1.66	cps
Magnesium	24-1	24804	25129	25071	25001	0.69	cps
Manganese	55-1	2647822	2710628	2663500	2673983	1.22	cps
Molybdenum	94-1	68544	68059	68544	68382	0.41	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	N1205-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:33:20	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	118351	119032	119141	118841	0.36	cps
Molybdenum	96-1	127629	128269	124965	126955	1.38	cps
Molybdenum	97-1	73971	75017	74088	74359	0.77	cps
Molybdenum	98-1	185999	190111	192228	189446	1.67	cps
Neodymium	150-1	73	80	60	71	14.32	cps
Nickel	60-1	393789	402845	399892	398842	1.16	cps
Phosphorus	31-1	18640	19142	17799	18527	3.66	cps
Potassium	39-1	6636227	6605362	6584666	6608752	0.39	cps
Rhodium	103-1	2600415	2592379	2503566	2565453	2.09	cps
Scandium	45-1	1976142	1991810	1961974	1976642	0.76	cps
Selenium	77-1	4884	4826	4542	4751	3.85	cps
Selenium	78-1	54164	54415	54626	54401	0.43	cps
Selenium	82-1	5787	5971	5937	5898	1.66	cps
Silicon	28-1	1347685	1376529	1368792	1364336	1.09	cps
Silver	107-1	578917	587819	582716	583150	0.77	cps
Silver	109-1	546088	553160	553402	550884	0.75	cps
Sodium	23-1	909250	914723	917317	913763	0.45	cps
Strontium	86-1	24421	24496	25231	24716	1.81	cps
Strontium	88-1	917	1175	1142	1078	13.04	cps
Sulfur	34-1	458828	450877	445728	451811	1.46	cps
Terbium	159-1	2921194	2949773	2819667	2896878	2.36	cps
Thallium	203-1	20517	20800	22219	21179	4.31	cps
Thallium	205-1	49724	51388	51094	50735	1.75	cps
Thorium	232-1	17	17	11	15	21.67	cps
Tin	118-1	1067	1217	1208	1164	7.24	cps
Titanium	47-1	233	142	242	206	26.99	cps
Uranium	238-1	25	17	0	14	91.65	cps
Vanadium	51-1	1723632	1738463	1738248	1733448	0.49	cps
Yttrium	89-1	5347154	5389066	5174678	5303633	2.14	cps
Zinc	66-1	1268543	1269835	1274952	1271110	0.27	cps
Zirconium	90-1	658	633	592	628	5.37	cps
Zirconium	91-1	108	167	142	139	21.07	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	PB142167BS	Instrumnet Name :	P7
Client Sample ID :	PB142167BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:35:57	DataFile Name :	031DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	69001712	68174745	66909772	68028743	1.55	cps
Antimony	121-1	2217730	2212703	2191658	2207364	0.63	cps
Arsenic	75-1	555381	560899	562549	559610	0.67	cps
Barium	135-1	2511178	2518587	2560740	2530169	1.06	cps
Barium	137-1	4292179	4437745	4439161	4389695	1.92	cps
Beryllium	9-1	432037	430318	434639	432331	0.50	cps
Bismuth	209-1	1236877	1299512	1322629	1286339	3.45	cps
Boron	10-1	47598	50190	52807	50198	5.19	cps
Boron	11-1	235429	253692	255257	248126	4.44	cps
Bromine	81-1	9211	8903	9120	9078	1.75	cps
Cadmium	111-1	533019	537006	533245	534423	0.42	cps
Cadmium	106-1	61153	60383	59082	60206	1.74	cps
Cadmium	108-1	41196	41656	42792	41881	1.96	cps
Calcium	43-1	773447	783098	772211	776252	0.77	cps
Calcium	44-1	11950890	12123195	12113962	12062682	0.80	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4171391	4161961	4190598	4174650	0.35	cps
Cobalt	59-1	4737878	4822909	4833995	4798261	1.10	cps
Copper	63-1	26547206	26657379	27307763	26837449	1.53	cps
Dysprosium	156-1	142	67	125	111	35.44	cps
Erbium	164-1	42	33	50	42	20.00	cps
Gadolinium	160-1	92	75	92	86	11.18	cps
Holmium	165-1	2694351	2782683	2936121	2804385	4.36	cps
Indium	115-1	2541444	2657922	2642942	2614103	2.42	cps
Iron	56-1	234751380	234638764	237619572	235669905	0.72	cps
Iron	57-1	5846766	5775269	5784816	5802284	0.67	cps
Iron	54-1						cps
Krypton	83-1	13336	13867	14514	13906	4.24	cps
Lead	206-1	6205637	6219584	6208295	6211172	0.12	cps
Lead	207-1	5094593	5197095	5234238	5175309	1.40	cps
Lead	208-1	19154390	19043632	19420183	19206069	1.01	cps
Lithium	6-1	720526	736124	745299	733983	1.71	cps
Magnesium	24-1	281735490	282637865	286756473	283709942	0.94	cps
Manganese	55-1	58007731	57857657	58250965	58038784	0.34	cps
Molybdenum	94-1	8601692	8553285	8673121	8609366	0.70	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : PB142167BS Instrumnet Name : P7
 Client Sample ID : PB142167BS Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:35:57 DataFile Name : 031DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	12364614	12413523	12557023	12445053	0.80	cps
Molybdenum	96-1	13560503	13646412	13759894	13655603	0.73	cps
Molybdenum	97-1	7762457	7836485	7839007	7812650	0.56	cps
Molybdenum	98-1	19855645	19870228	19965736	19897203	0.30	cps
Neodymium	150-1	140	167	187	164	14.24	cps
Nickel	60-1	1002844	998919	1006027	1002597	0.36	cps
Phosphorus	31-1	3233323	3258231	3215841	3235798	0.66	cps
Potassium	39-1	207178496	211954513	211387613	210173541	1.24	cps
Rhodium	103-1	2522766	2559254	2591888	2557969	1.35	cps
Scandium	45-1	1951015	2068424	2080448	2033296	3.52	cps
Selenium	77-1	28311	28828	28695	28611	0.94	cps
Selenium	78-1	131774	131975	133087	132279	0.53	cps
Selenium	82-1	36952	36970	37371	37098	0.64	cps
Silicon	28-1	3330228	3401064	3462394	3397895	1.95	cps
Silver	107-1	2693713	2763320	2804602	2753878	2.04	cps
Silver	109-1	2600835	2589423	2652486	2614248	1.29	cps
Sodium	23-1	391074792	399114009	404618451	398269084	1.71	cps
Strontium	86-1	7598031	7630511	7574075	7600872	0.37	cps
Strontium	88-1	66446870	66995416	67201862	66881383	0.58	cps
Sulfur	34-1	667184	662995	659886	663355	0.55	cps
Terbium	159-1	2832717	3019623	3129807	2994049	5.02	cps
Thallium	203-1	1364978	1351945	1404989	1373971	2.01	cps
Thallium	205-1	3469029	3527503	3597792	3531442	1.83	cps
Thorium	232-1	1639	1800	1611	1683	6.06	cps
Tin	118-1	1735440	1738856	1759783	1744693	0.76	cps
Titanium	47-1	3866720	3971677	3975346	3937914	1.57	cps
Uranium	238-1	3849050	3925241	3843421	3872571	1.18	cps
Vanadium	51-1	4895997	4992108	4997593	4961899	1.15	cps
Yttrium	89-1	5299340	5341709	5486911	5375987	1.83	cps
Zinc	66-1	6714394	6824242	6895363	6811333	1.34	cps
Zirconium	90-1	4047472	4138670	4122130	4102757	1.18	cps
Zirconium	91-1	868025	874553	885217	875932	0.99	cps

LB Number : LB118942 Operator : Jaswal
 Lab Sample ID : CCV24 Instrumnet Name : P7
 Client Sample ID : CCV24 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-01 18:38:31 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	341486699	343142674	348176691	344268688	1.01	cps
Antimony	121-1	2140242	2167556	2202009	2169936	1.43	cps
Arsenic	75-1	529246	543111	548008	540121	1.80	cps
Barium	135-1	2487231	2504234	2577471	2522979	1.90	cps
Barium	137-1	4365470	4351625	4480188	4399094	1.60	cps
Beryllium	9-1	420697	425852	434559	427036	1.64	cps
Bismuth	209-1	1283065	1263312	1298142	1281506	1.36	cps
Boron	10-1	47398	48443	51587	49143	4.44	cps
Boron	11-1	231549	246570	250490	242870	4.12	cps
Bromine	81-1	9362	9078	8961	9134	2.25	cps
Cadmium	111-1	496123	511981	513381	507162	1.89	cps
Cadmium	106-1	56325	58584	57589	57499	1.97	cps
Cadmium	108-1	39211	39859	40268	39779	1.34	cps
Calcium	43-1	3692074	3752272	3823232	3755859	1.75	cps
Calcium	44-1	58124166	59475693	59775668	59125176	1.49	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	4063653	4070388	4191885	4108642	1.76	cps
Cobalt	59-1	4542235	4671906	4684936	4633025	1.70	cps
Copper	63-1	27093290	26994167	27905093	27330850	1.83	cps
Dysprosium	156-1	292	317	433	347	21.78	cps
Erbium	164-1	108	75	75	86	22.35	cps
Gadolinium	160-1	283	292	308	294	4.32	cps
Holmium	165-1	2931451	2932499	2990584	2951512	1.15	cps
Indium	115-1	2630158	2630272	2660053	2640161	0.65	cps
Iron	56-1	1129381925	1142569226	1170172826	1147374659	1.81	cps
Iron	57-1	28164152	28654210	29241753	28686705	1.88	cps
Iron	54-1						cps
Krypton	83-1	15662	15738	15482	15627	0.84	cps
Lead	206-1	6140311	6016855	6214013	6123726	1.63	cps
Lead	207-1	5146979	5081110	5225397	5151162	1.40	cps
Lead	208-1	19045752	18845531	19409656	19100313	1.50	cps
Lithium	6-1	736647	728668	737674	734329	0.67	cps
Magnesium	24-1	1409056198	1446099632	1443969399	1433041743	1.45	cps
Manganese	55-1	55268335	57086130	57726419	56693628	2.25	cps
Molybdenum	94-1	8455764	8644601	8810254	8636873	2.05	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P7
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:38:31	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	12357608	12624059	12736066	12572578	1.55	cps
Molybdenum	96-1	13432700	13662753	13912266	13669240	1.75	cps
Molybdenum	97-1	7705595	7754036	7966131	7808587	1.77	cps
Molybdenum	98-1	19534503	19881817	20238567	19884962	1.77	cps
Neodymium	150-1	160	173	200	178	11.46	cps
Nickel	60-1	995520	1013628	1026215	1011788	1.53	cps
Phosphorus	31-1	3223949	3230469	3287660	3247359	1.08	cps
Potassium	39-1	1015202289	1015555223	1024333990	1018363834	0.51	cps
Rhodium	103-1	2543499	2527936	2597274	2556236	1.42	cps
Scandium	45-1	2076833	2068971	2108645	2084816	1.01	cps
Selenium	77-1	28127	27267	28812	28069	2.76	cps
Selenium	78-1	129208	130429	132722	130786	1.36	cps
Selenium	82-1	34802	36148	36495	35815	2.50	cps
Silicon	28-1	3523016	3592644	3681429	3599029	2.21	cps
Silver	107-1	2583477	2632652	2692243	2636124	2.07	cps
Silver	109-1	2488686	2519790	2596812	2535096	2.20	cps
Sodium	23-1	1977483978	1994217645	2037434979	2003045534	1.54	cps
Strontium	86-1	7470820	7604424	7702872	7592705	1.53	cps
Strontium	88-1	65209135	66614893	68275733	66699920	2.30	cps
Sulfur	34-1	656203	659186	660675	658688	0.35	cps
Terbium	159-1	3071542	3025162	3167192	3087965	2.35	cps
Thallium	203-1	1329588	1351915	1335209	1338904	0.87	cps
Thallium	205-1	3485426	3501709	3535600	3507579	0.73	cps
Thorium	232-1	1328	1467	1400	1398	4.97	cps
Tin	118-1	1660343	1721929	1771143	1717805	3.23	cps
Titanium	47-1	3908747	3968049	4013565	3963454	1.33	cps
Uranium	238-1	3843907	3786546	3925666	3852040	1.82	cps
Vanadium	51-1	4812749	4992342	4988881	4931324	2.08	cps
Yttrium	89-1	5448161	5434940	5618908	5500670	1.87	cps
Zinc	66-1	6846521	6901505	7061141	6936389	1.61	cps
Zirconium	90-1	4040571	4102631	4152076	4098426	1.36	cps
Zirconium	91-1	848669	868762	866231	861221	1.27	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:47:33	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-1	10862	11063	9853	10593	6.12	cps
Antimony	121-1	242	283	463	329	35.65	cps
Arsenic	75-1	-15875	-15661	-15760	-15765	-0.68	cps
Barium	135-1	108	58	33	67	57.29	cps
Barium	137-1	108	117	125	117	7.14	cps
Beryllium	9-1	190	200	213	201	5.82	cps
Bismuth	209-1	1329109	1327291	1306208	1320869	0.96	cps
Boron	10-1	1867	1600	1650	1706	8.31	cps
Boron	11-1	8261	8411	7844	8172	3.59	cps
Bromine	81-1	9820	9412	8970	9400	4.53	cps
Cadmium	111-1	1094	1138	1214	1149	5.27	cps
Cadmium	106-1	1575	1629	1688	1631	3.45	cps
Cadmium	108-1	42	33	25	33	25.01	cps
Calcium	43-1	200	225	225	217	6.66	cps
Calcium	44-1	13039	12013	12564	12539	4.09	cps
Carbon	12-1						cps
Chlorine	35-1						cps
Chromium	52-1	18331	18098	17807	18079	1.45	cps
Cobalt	59-1	721	521	781	674	20.22	cps
Copper	63-1	24096	23866	23412	23791	1.46	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Erbium	164-1	8	25	33	22	57.29	cps
Gadolinium	160-1	25	0	8	11	114.58	cps
Holmium	165-1	2898777	2866770	2833906	2866484	1.13	cps
Indium	115-1	2825306	2817607	2680197	2774370	2.94	cps
Iron	56-1	5165253	5198296	5078766	5147438	1.20	cps
Iron	57-1	78634	77306	76813	77585	1.21	cps
Iron	54-1						cps
Krypton	83-1	15622	16179	16259	16020	2.17	cps
Lead	206-1	489	544	417	483	13.26	cps
Lead	207-1	400	439	472	437	8.27	cps
Lead	208-1	1685	1600	1708	1664	3.44	cps
Lithium	6-1	736823	734897	722135	731285	1.09	cps
Magnesium	24-1	40479	41339	40830	40883	1.06	cps
Manganese	55-1	10755	11346	11166	11089	2.73	cps
Molybdenum	94-1	342	425	375	381	11.02	cps

LB Number :	LB118942	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P7
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2022-03-01 18:47:33	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	95-1	867	517	500	628	32.98	cps
Molybdenum	96-1	792	558	567	639	20.72	cps
Molybdenum	97-1	467	408	250	375	29.90	cps
Molybdenum	98-1	1033	983	558	858	30.41	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Nickel	60-1	487	527	557	523	6.71	cps
Phosphorus	31-1	18971	18370	19122	18821	2.11	cps
Potassium	39-1	6615491	6626365	6595885	6612580	0.23	cps
Rhodium	103-1	2718791	2711966	2623767	2684841	1.97	cps
Scandium	45-1	2100727	2080967	1999658	2060450	2.60	cps
Selenium	77-1	67	133	58	86	47.74	cps
Selenium	78-1	39734	40055	39724	39838	0.47	cps
Selenium	82-1	412	-293	-383	-88	-494.88	cps
Silicon	28-1	824392	823604	818055	822017	0.42	cps
Silver	107-1	275	192	213	226	19.16	cps
Silver	109-1	138	217	163	172	23.50	cps
Sodium	23-1	865964	868445	860557	864989	0.47	cps
Strontium	86-1	25731	25423	25255	25470	0.95	cps
Strontium	88-1	1900	1725	1600	1742	8.65	cps
Sulfur	34-1	458789	457593	450805	455729	0.94	cps
Terbium	159-1	3061871	3059186	3029275	3050111	0.59	cps
Thallium	203-1	208	225	250	228	9.21	cps
Thallium	205-1	513	407	529	483	13.81	cps
Thorium	232-1	11	11	11	11	0.00	cps
Tin	118-1	1217	1208	1333	1253	5.58	cps
Titanium	47-1	242	208	200	217	10.18	cps
Uranium	238-1	50	58	117	75	48.44	cps
Vanadium	51-1	210	180	260	217	18.65	cps
Yttrium	89-1	5542794	5511804	5495241	5516613	0.44	cps
Zinc	66-1	1537	1520	1677	1578	5.45	cps
Zirconium	90-1	433	433	358	408	10.60	cps
Zirconium	91-1	92	117	158	122	27.56	cps