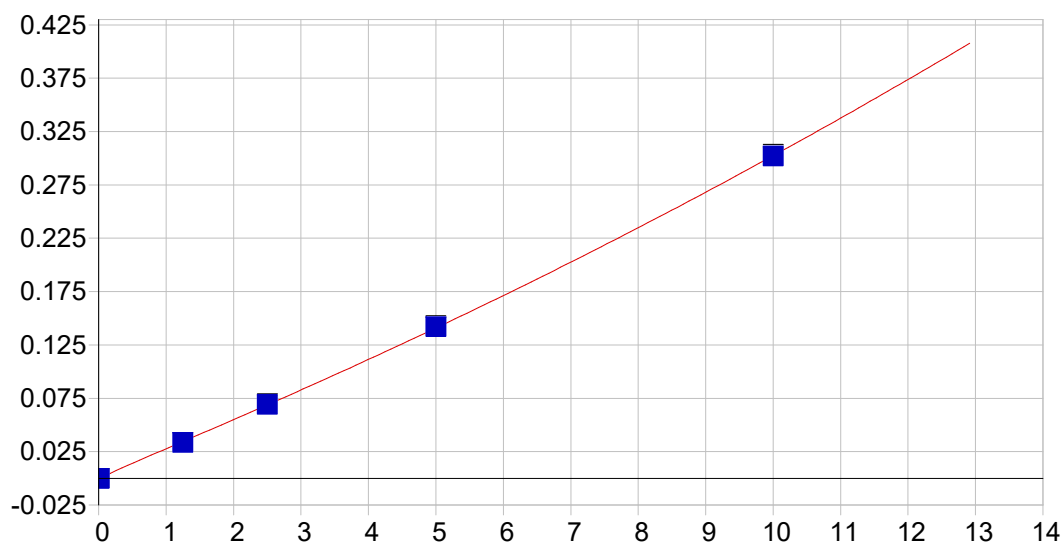




As 189.042 {479}

Date of Fit: 12/04/2021 13:23:10

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000616

Re-Slope: 1.000000

A1 (Gain): 0.027336

Y-int: 0.000000

A2 (Curvature): 0.000971

n (Exponent): 0.930000

Correlation: 0.999937

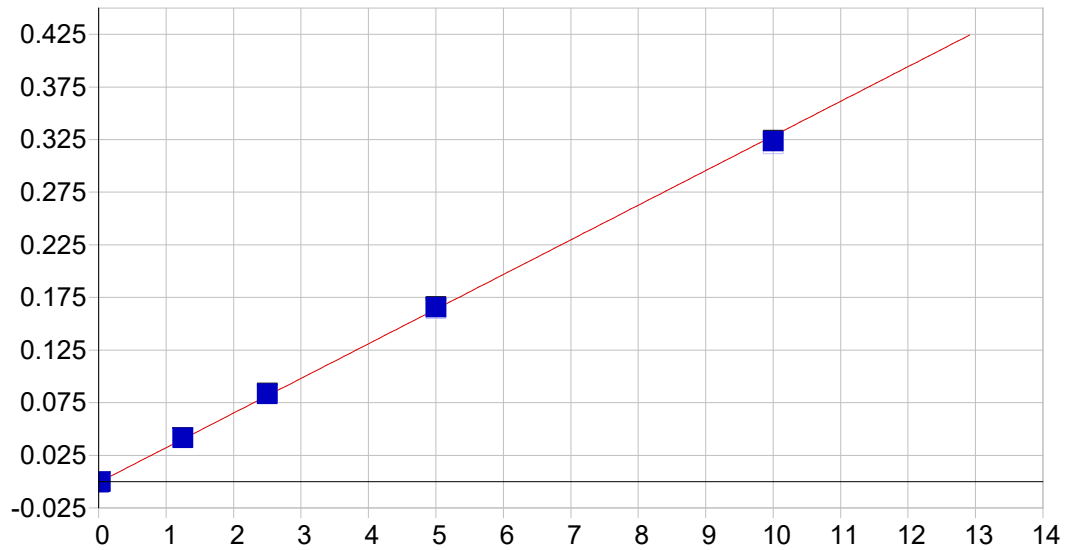
Status: Warning Positive Curvature

Std Error of Est: 0.000008

Predicted MDL: 0.010412

Predicted MQL: 0.034706

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00062	.000	1
S1	.01000	.01243	.002	24.3	-.00015	.000	1
S2	1.2500	1.2101	-.040	-3.19	.03350	.000	1
S3	2.5000	2.5168	.017	.671	.06946	.000	1
S4	5.0000	5.0378	.038	.756	.14237	.001	1
S5	10.000	9.9832	-.017	-.168	.30253	.001	1

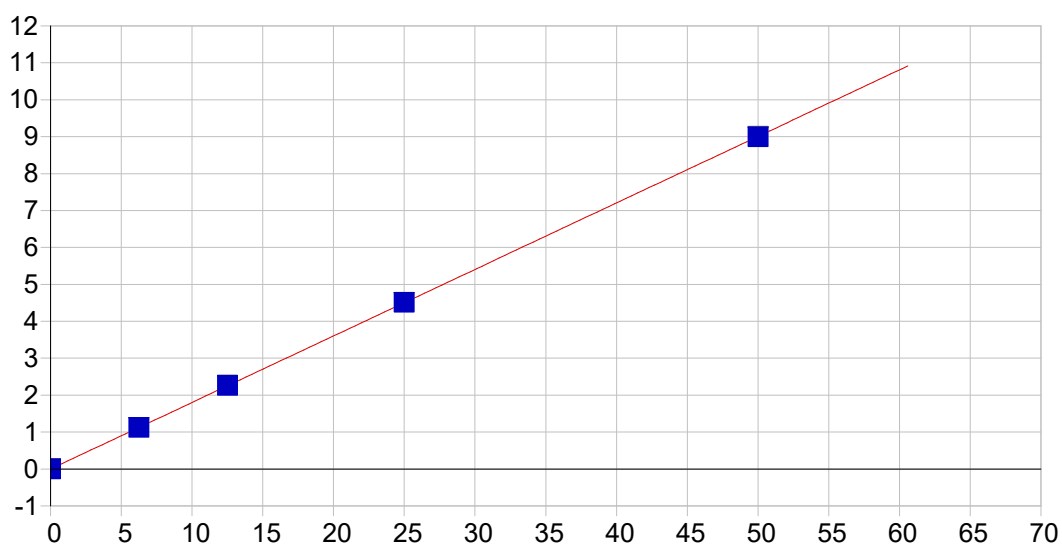


TI 190.856 {477}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000724 Re-Slope: 1.000000
 A1 (Gain): 0.032919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.006709
 Predicted MQL: 0.022362

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00072	.000	1
S1	.02500	.01833	-.007	-26.7	-.00016	.000	1
S2	1.2500	1.2899	.040	3.19	.04136	.000	1
S3	2.5000	2.5608	.061	2.43	.08282	.001	1
S4	5.0000	5.0527	.053	1.05	.16411	.001	1
S5	10.000	9.8531	-.147	-1.47	.32063	.001	1

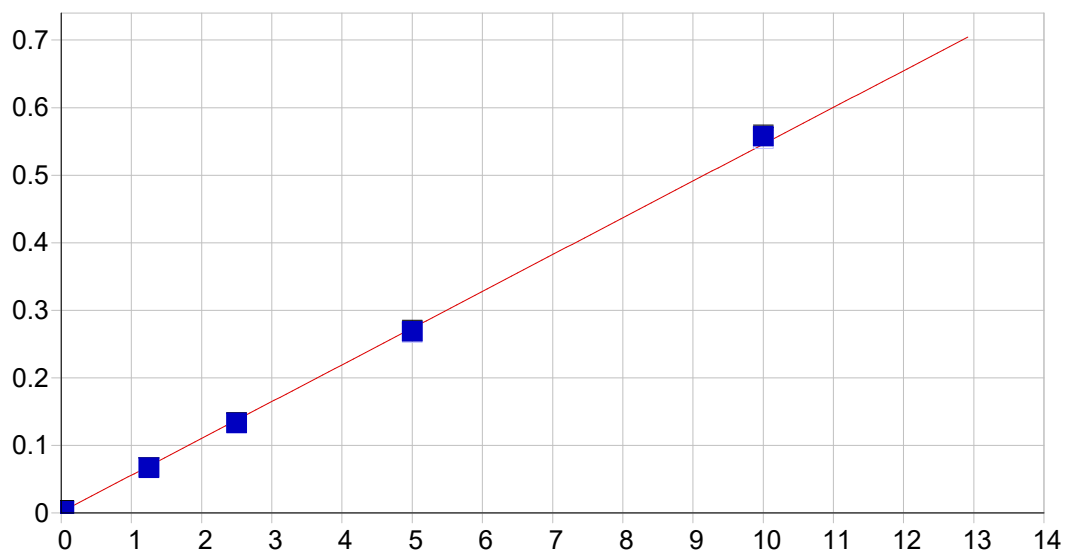


Pb 220.353 {453}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.180149 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002862
 Predicted MQL: 0.009539

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.001	1
S1	.01000	.00843	-.002	-15.7	.00142	.000	1
S2	6.2500	6.2140	-.036	-.575	1.1193	.002	1
S3	12.500	12.562	.062	.496	2.2629	.005	1
S4	25.000	25.042	.042	.167	4.5110	.005	1
S5	50.000	49.934	-.066	-.132	8.9952	.010	1

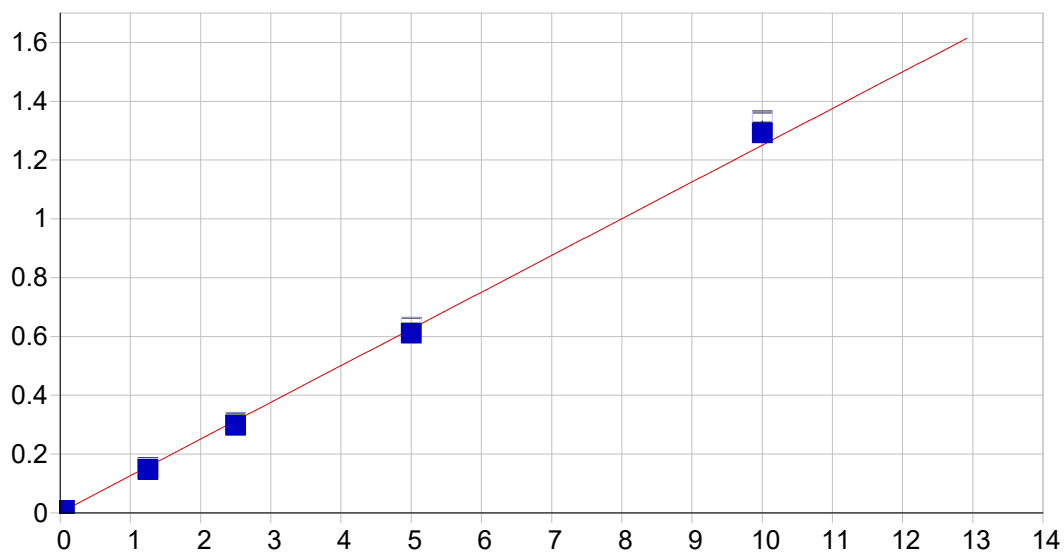


Se 196.090 {472}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001420 Re-Slope: 1.000000
 A1 (Gain): 0.054434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999683 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.007111
 Predicted MQL: 0.023704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00142	.000	1
S1	.03500	.02812	-.007	-19.7	.00295	.000	1
S2	1.2500	1.2053	-.045	-3.58	.06654	.000	1
S3	2.5000	2.4209	-.079	-3.16	.13221	.000	1
S4	5.0000	4.9126	-.087	-1.75	.26686	.001	1
S5	10.000	10.218	.218	2.18	.55369	.002	1

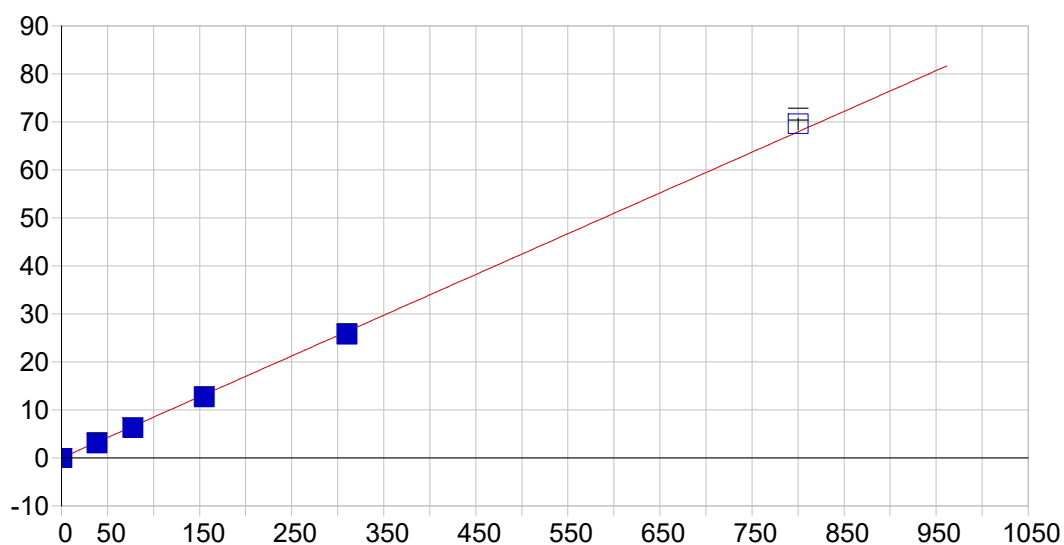


Sb 206.833 {463}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001342 Re-Slope: 1.000000
 A1 (Gain): 0.124894 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999342 Status: OK.
 Std Error of Est: 0.000192
 Predicted MDL: 0.003453
 Predicted MQL: 0.011508

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00134	.000	1
S1	.06000	.05707	-.003	-4.88	.00847	.000	1
S2	1.2500	1.1661	-.084	-6.71	.15175	.001	1
S3	2.5000	2.3719	-.128	-5.13	.30710	.001	1
S4	5.0000	4.8810	-.119	-2.38	.63001	.001	1
S5	10.000	10.334	.334	3.34	1.3301	.003	1

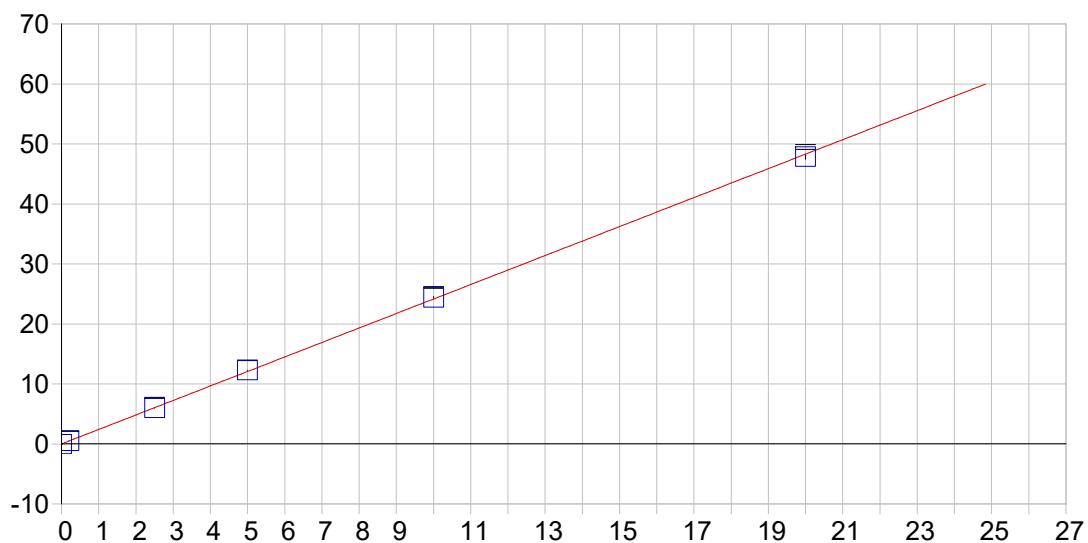


AI 396.152 { 85}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002073	Re-Slope:	1.000000
A1 (Gain):	0.084935	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999572	Status:	OK.
Std Error of Est:	0.001545		
Predicted MDL:	0.009437		
Predicted MQL:	0.031458		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	-.00207	.000	1
S1	.20000	.18758	-.012	-6.21	.01389	.001	1
S2	38.750	36.364	-2.39	-6.16	3.0900	.023	1
S3	77.500	73.518	-3.98	-5.14	6.2491	.016	1
S4	155.00	149.19	-5.81	-3.75	12.683	.040	1
S5	310.00	303.07	-6.93	-2.24	25.767	.076	1
S6	800.00	819.15	19.1	2.39	69.572	1.21	1

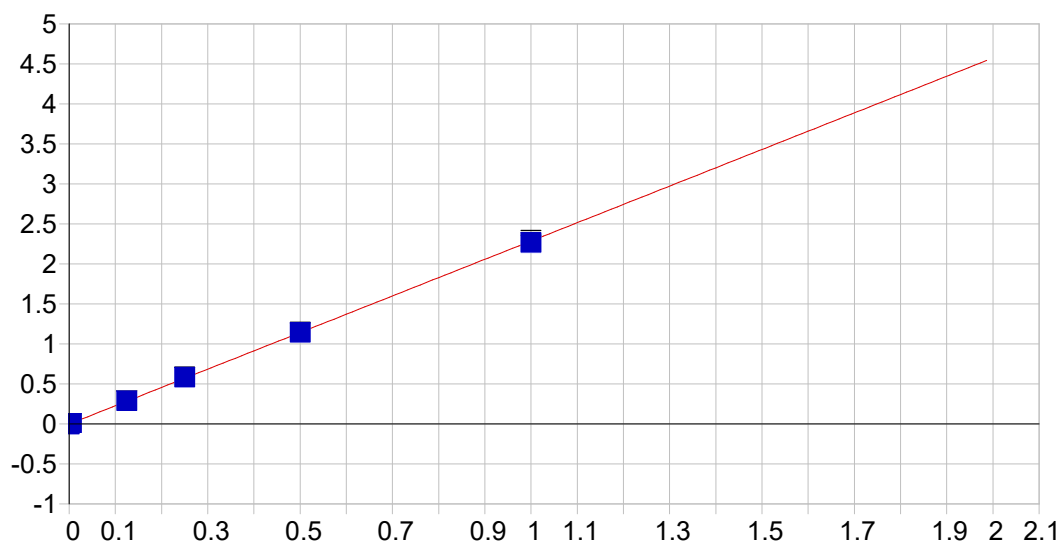


Ba 493.409 { 68}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002981	Re-Slope:	1.000000
A1 (Gain):	2.415063	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.002729		
Predicted MDL:	0.000572		
Predicted MQL:	0.001907		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00299	.001	1
S1	.20000	.20021	.000	.107	.48055	.005	1
S2	2.5000	2.4921	-.008	-.315	6.0157	.072	1
S3	5.0000	5.0808	.081	1.62	12.268	.045	1
S4	10.000	10.111	.111	1.11	24.416	.120	1
S5	20.000	19.816	-.184	-.921	47.853	.394	1

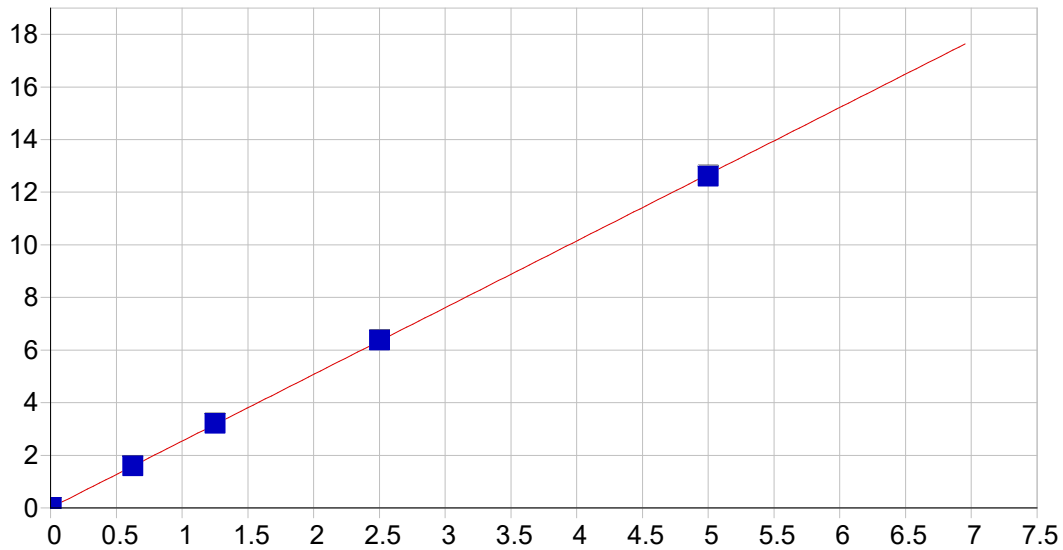


Be 234.861 {144}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002045	Re-Slope:	1.000000
A1 (Gain):	2.288221	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.000110		
Predicted MDL:	0.000116		
Predicted MQL:	0.000387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00205	.000	1
S1	.00500	.00553	.001	10.6	.01060	.000	1
S2	.12500	.12726	.002	1.81	.28842	.002	1
S3	.25000	.25577	.006	2.31	.58173	.001	1
S4	.50000	.50019	.000	.039	1.1396	.006	1
S5	1.0000	.99125	-.009	-.875	2.2602	.030	1

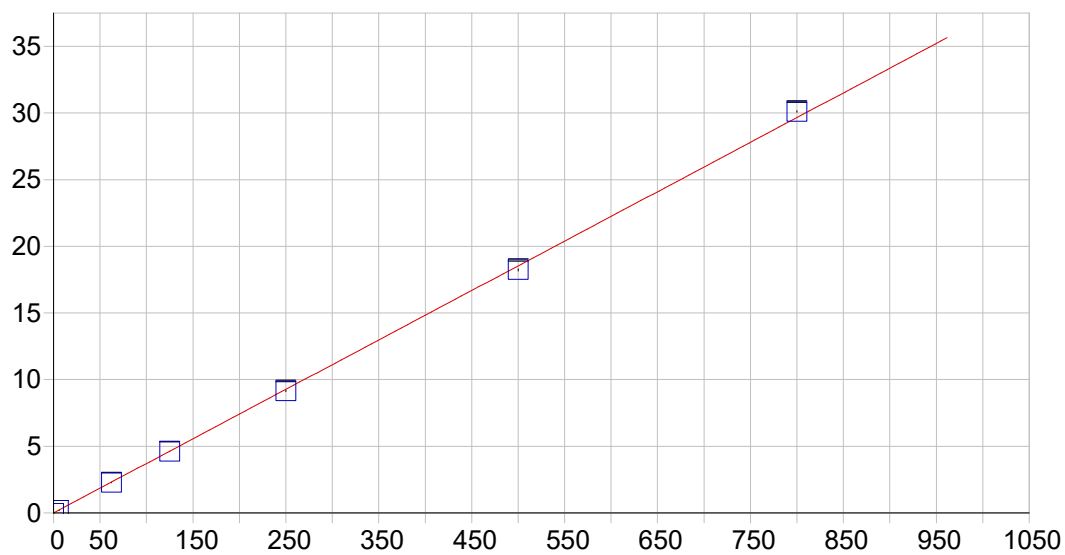


Cd 214.438 {457}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001808	Re-Slope:	1.000000
A1 (Gain):	2.536542	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000149		
Predicted MDL:	0.000143		
Predicted MQL:	0.000475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00181	.001	1
S1	.00500	.00540	.000	7.91	.01550	.000	1
S2	.62500	.62788	.003	.460	1.5976	.002	1
S3	1.2500	1.2635	.013	1.08	3.2129	.005	1
S4	2.5000	2.5142	.014	.566	6.3916	.012	1
S5	5.0000	4.9691	-.031	-.618	12.631	.015	1

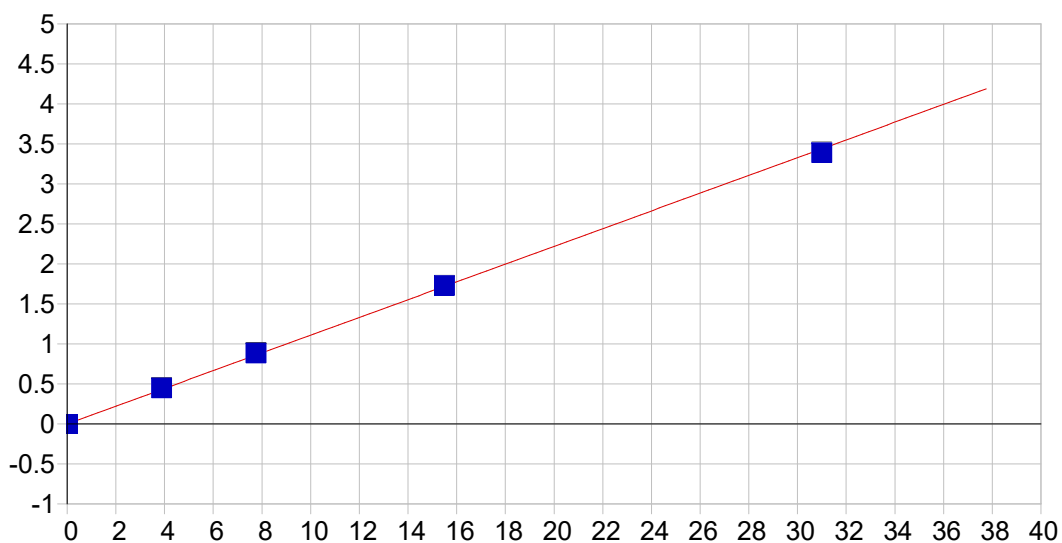


Ca 373.690 { 90}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000602 Re-Slope: 1.000000
 A1 (Gain): 0.037071 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.001895
 Predicted MDL: 0.016751
 Predicted MQL: 0.055837

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00061	.000	1
S1	5.0000	5.0625	.063	1.25	.18827	.002	1
S2	62.500	61.658	-.842	-1.35	2.2863	.030	1
S3	125.00	124.54	-.465	-.372	4.6172	.027	1
S4	250.00	246.98	-3.02	-1.21	9.1565	.052	1
S5	500.00	491.88	-8.12	-1.62	18.235	.084	1
S6	800.00	812.38	12.4	1.55	30.116	.055	1

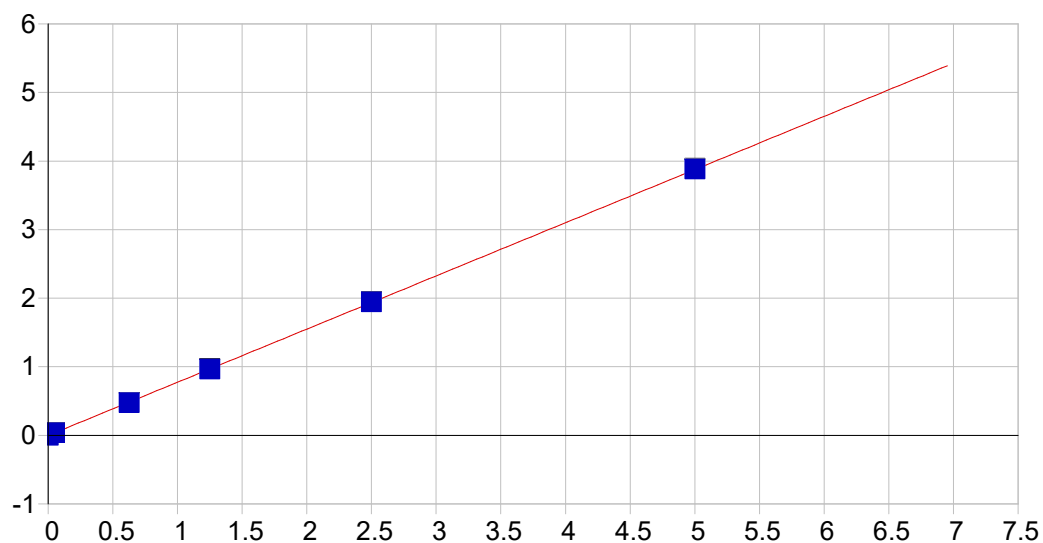


Cr 267.716 {126}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.110943 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.000637
 Predicted MQL: 0.002122

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01058	.001	5.78	.00111	.000	1
S2	3.8750	4.0242	.149	3.85	.44651	.000	1
S3	7.7500	7.9737	.224	2.89	.88481	.001	1
S4	15.500	15.577	.077	.496	1.7286	.002	1
S5	31.000	30.550	-.450	-1.45	3.3902	.005	1

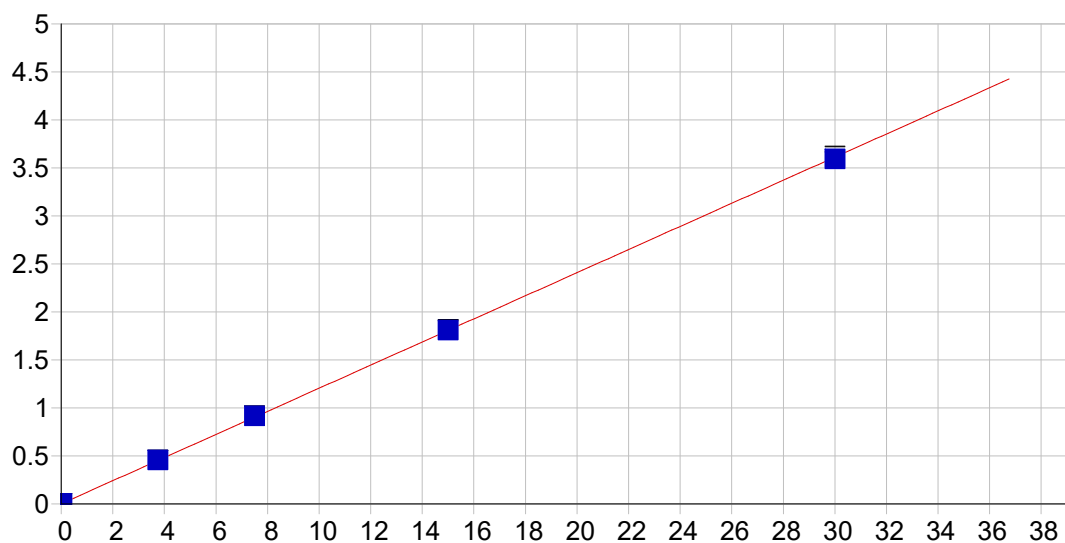


Co 228.616 {448}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001462 Re-Slope: 1.000000
 A1 (Gain): 0.775450 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.000451
 Predicted MQL: 0.001503

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00146	.000	1
S1	.05000	.04830	-.002	-3.40	.03612	.001	1
S2	.62500	.61503	-.010	-1.60	.47619	.001	1
S3	1.2500	1.2469	-.003	-.251	.96687	.002	1
S4	2.5000	2.5072	.007	.287	1.9456	.002	1
S5	5.0000	5.0076	.008	.153	3.8875	.008	1

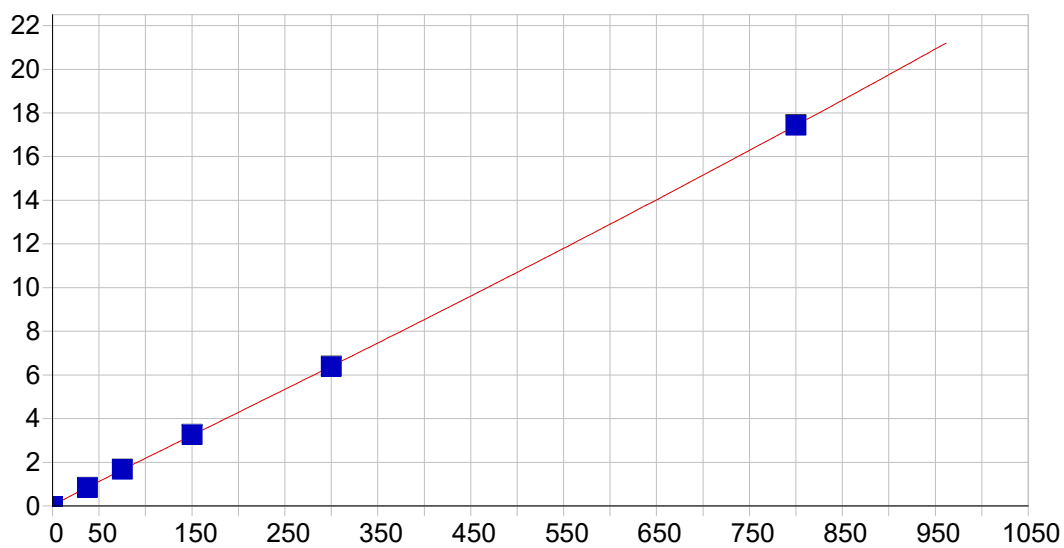


Cu 324.754 {104}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001398	Re-Slope:	1.000000
A1 (Gain):	0.120372	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.003081		
Predicted MQL:	0.010269		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00140	.000	1
S1	.02500	.02684	.002	7.34	.00462	.000	1
S2	3.7500	3.7746	.025	.656	.45515	.001	1
S3	7.5000	7.5971	.097	1.30	.91466	.002	1
S4	15.000	15.030	.030	.201	1.8082	.006	1
S5	30.000	29.846	-.154	-.512	3.5892	.028	1

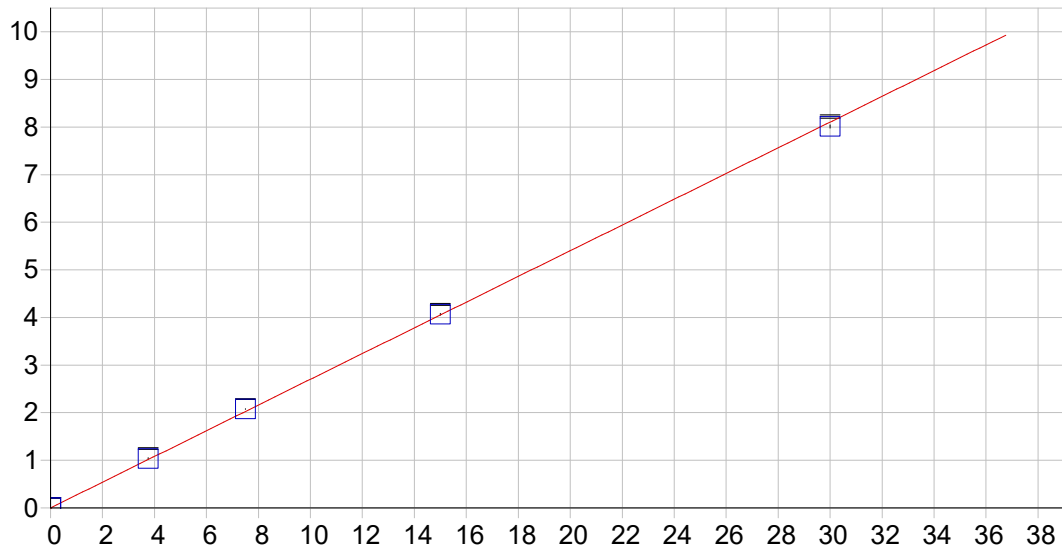


Fe 259.837 {130}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000211	Re-Slope:	1.000000
A1 (Gain):	0.027011	Y-int:	0.000000
A2 (Curvature):	0.000006		
n (Exponent):	0.950000		
Correlation:	0.999985	Status:	Warning Positive Curvature
Std Error of Est:	0.000067		
Predicted MDL:	0.007688		
Predicted MQL:	0.025625		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00021	.000	1
S1	.10000	.08110	-.019	-18.9	.00270	.000	1
S2	37.500	36.743	-.757	-2.02	.83584	.010	1
S3	75.000	75.753	.753	1.00	1.6729	.007	1
S4	150.00	151.05	1.05	.703	3.2623	.016	1
S5	300.00	298.79	-1.21	-.402	6.3807	.018	1
S6	800.00	800.21	.210	.026	17.449	.018	1

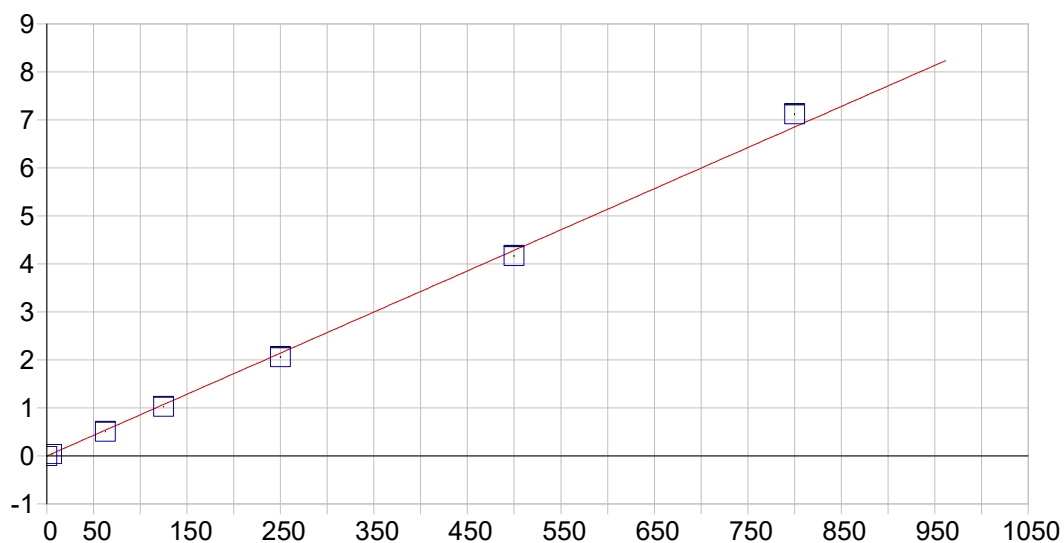


Mn 257.610 {131}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000070	Re-Slope:	1.000000
A1 (Gain):	0.270161	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.000135		
Predicted MDL:	0.000676		
Predicted MQL:	0.002252		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01500	.01521	.000	1.43	.00418	.000	1
S2	3.7500	3.8406	.091	2.42	1.0377	.015	1
S3	7.5000	7.6898	.190	2.53	2.0775	.008	1
S4	15.000	15.059	.059	.393	4.0684	.020	1
S5	30.000	29.661	-.339	-1.13	8.0132	.031	1

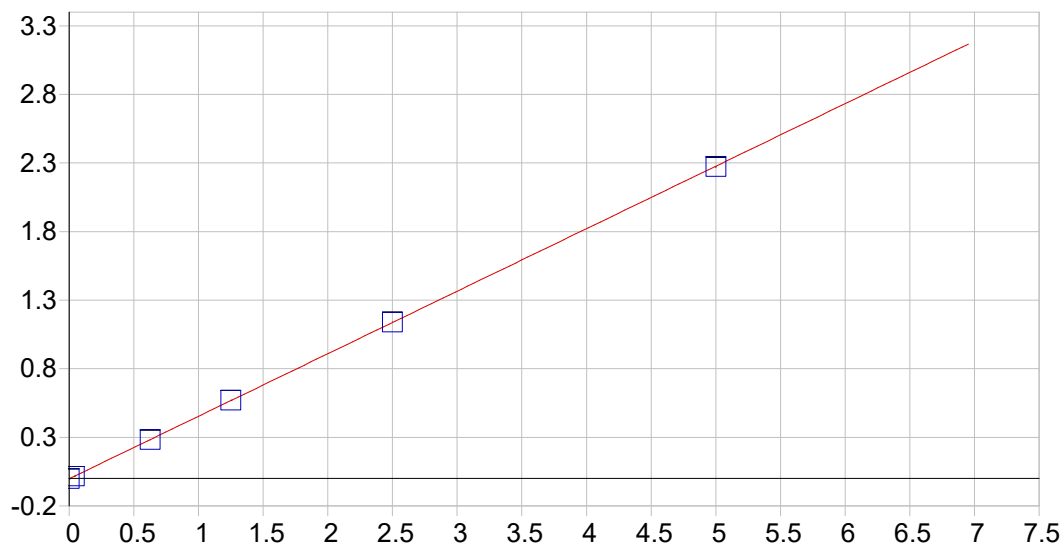


Mg 279.079 {121}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000072 Re-Slope: 1.000000
 A1 (Gain): 0.008565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999332 Status: OK.
 Std Error of Est: 0.001094
 Predicted MDL: 0.029448
 Predicted MQL: 0.098158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00075	.001	.000	.00008	.000	1
S1	5.0000	4.8550	-.145	-2.90	.04165	.001	1
S2	62.500	59.001	-3.50	-5.60	.50539	.007	1
S3	125.00	119.93	-5.07	-4.06	1.0272	.005	1
S4	250.00	240.62	-9.38	-3.75	2.0609	.012	1
S5	500.00	486.80	-13.2	-2.64	4.1693	.013	1
S6	800.00	831.30	31.3	3.91	7.1199	.011	1

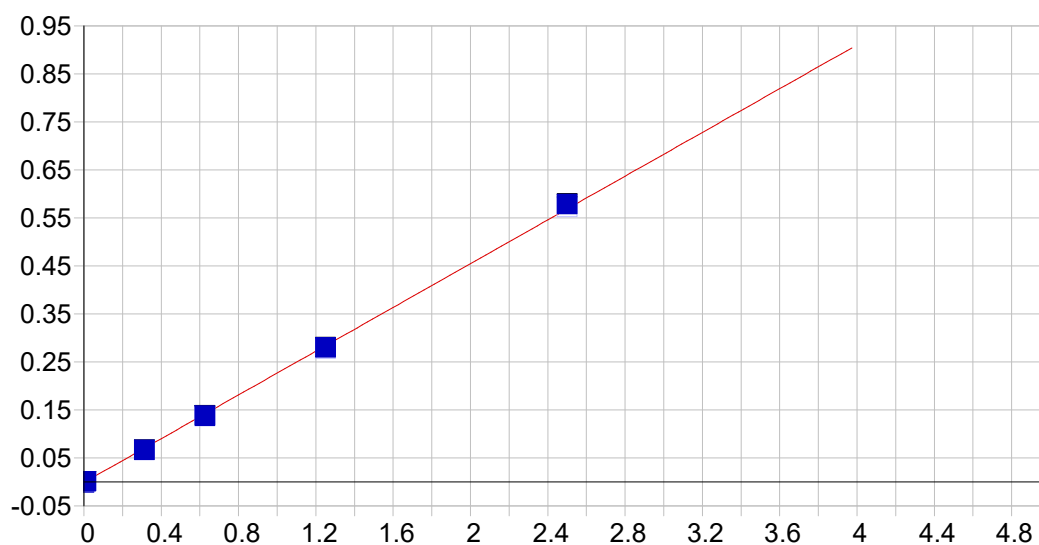


Ni 231.604 {446}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002109 Re-Slope: 1.000000
 A1 (Gain): 0.455817 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.000791
 Predicted MQL: 0.002638

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00211	.000	1
S1	.04000	.04026	.000	.640	.01624	.000	1
S2	.62500	.62386	-.001	-.182	.28226	.001	1
S3	1.2500	1.2554	.005	.432	.57013	.000	1
S4	2.5000	2.5064	.006	.258	1.1404	.002	1
S5	5.0000	4.9890	-.011	-.219	2.2720	.003	1

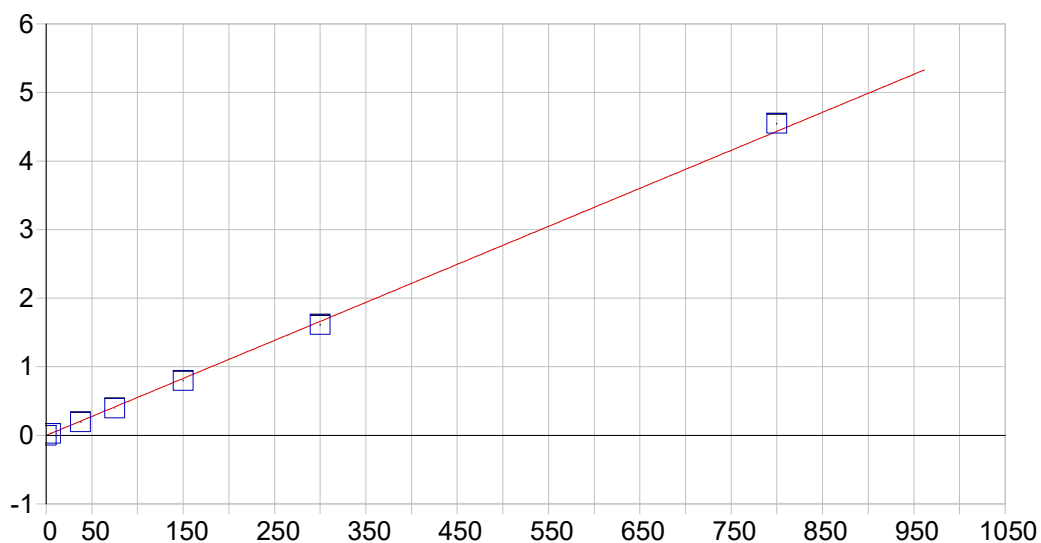


Ag 328.068 {103}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001054 Re-Slope: 1.000000
 A1 (Gain): 0.227860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000560
 Predicted MQL: 0.001867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00105	.000	1
S1	.01000	.01019	.000	1.88	.00125	.000	1
S2	.31250	.29688	-.016	-5.00	.06583	.000	1
S3	.62500	.61097	-.014	-2.24	.13665	.000	1
S4	1.2500	1.2345	-.016	-1.24	.27720	.001	1
S5	2.5000	2.5450	.045	1.80	.57279	.001	1

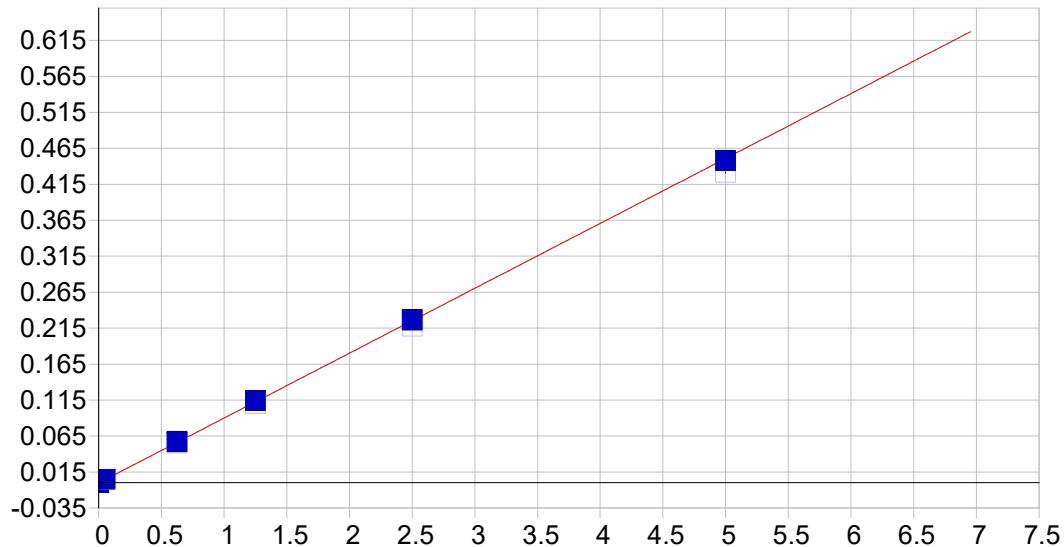


Na 818.326 { 41}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000738	Re-Slope:	1.000000
A1 (Gain):	0.005544	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999531	Status:	OK.
Std Error of Est:	0.000525		
Predicted MDL:	0.272613		
Predicted MQL:	0.908710		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00101	.001	.000	-.00073	.001	1
S1	5.0000	4.6954	-.305	-6.09	.02529	.001	1
S2	37.500	35.440	-2.06	-5.49	.19574	.001	1
S3	75.000	71.740	-3.26	-4.35	.39698	.002	1
S4	150.00	144.12	-5.88	-3.92	.79824	.005	1
S5	300.00	291.15	-8.85	-2.95	1.6134	.007	1
S6	800.00	820.35	20.4	2.54	4.5472	.007	1

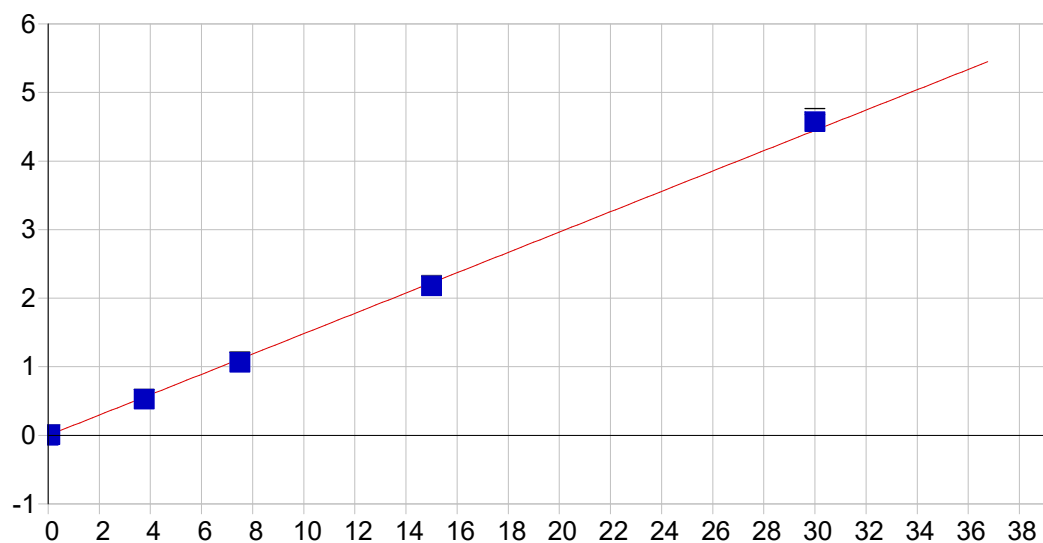


V 292.402 {115}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000360	Re-Slope:	1.000000
A1 (Gain):	0.090253	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999932	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.003391		
Predicted MQL:	0.011303		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00036	.000	1
S1	.05000	.05550	.006	11.0	.00464	.000	1
S2	.62500	.63317	.008	1.31	.05471	.001	1
S3	1.2500	1.2661	.016	1.29	.10976	.000	1
S4	2.5000	2.5057	.006	.228	.21748	.001	1
S5	5.0000	4.9644	-.036	-.713	.43108	.001	1

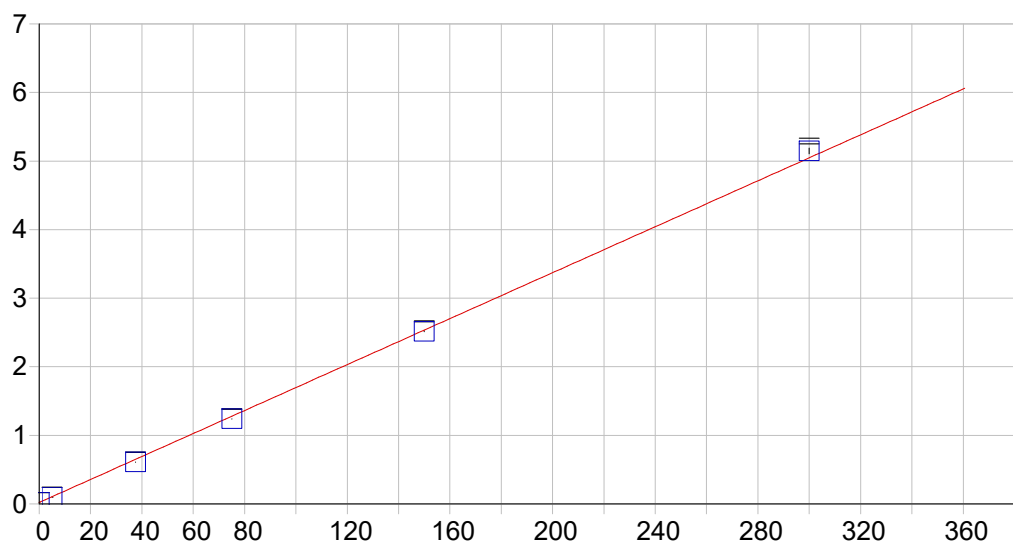


Zn 213.856 {158}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000107	Re-Slope:	1.000000
A1 (Gain):	0.148235	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999496	Status:	OK.
Std Error of Est:	0.000335		
Predicted MDL:	0.004688		
Predicted MQL:	0.015627		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00011	.001	1
S1	.06000	.05421	-.006	-9.64	.00817	.001	1
S2	3.7500	3.5387	-.211	-5.63	.52511	.003	1
S3	7.5000	7.1824	-.318	-4.23	1.0657	.004	1
S4	15.000	14.682	-.318	-2.12	2.1782	.009	1
S5	30.000	30.853	.853	2.84	4.5771	.044	1

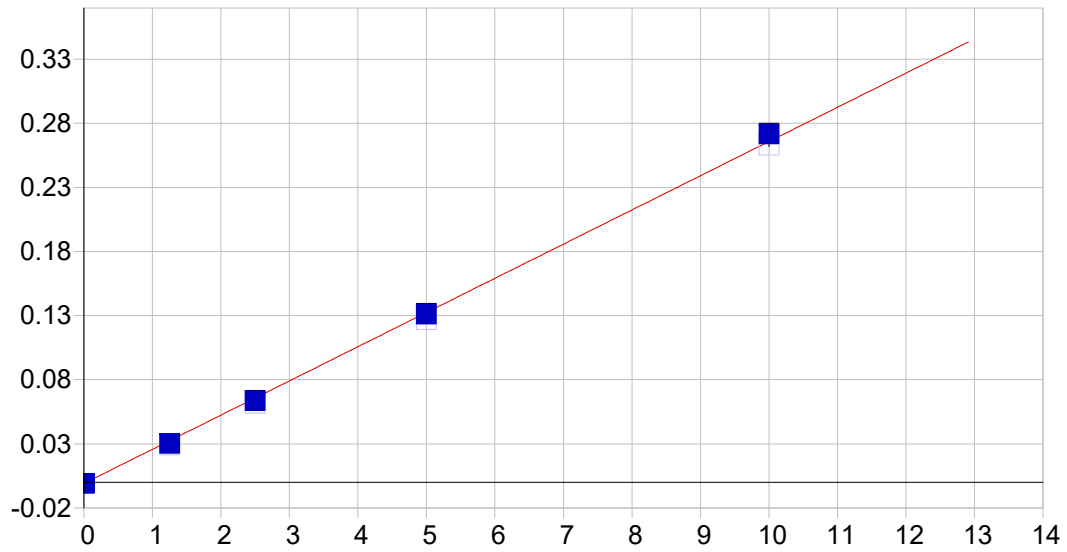


K 769.896 { 44}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021337 Re-Slope: 1.000000
 A1 (Gain): 0.016753 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999678 Status: OK.
 Std Error of Est: 0.000876
 Predicted MDL: 0.074010
 Predicted MQL: 0.246699

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00076	.001	.000	.02135	.001	1
S1	5.0000	4.6389	-.361	-7.22	.09905	.001	1
S2	37.500	35.162	-2.34	-6.23	.61042	.002	1
S3	75.000	72.748	-2.25	-3.00	1.2401	.003	1
S4	150.00	148.98	-1.02	-.678	2.5173	.006	1
S5	300.00	305.97	5.97	1.99	5.1473	.040	1

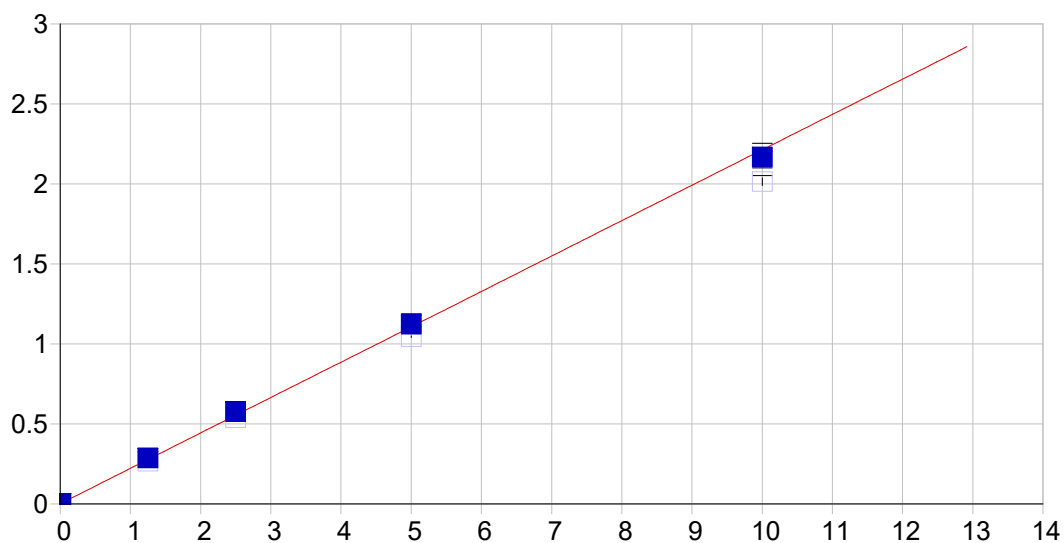


P 177.495 {490}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000962 Re-Slope: 1.000000
 A1 (Gain): 0.026683 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999612 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.006159
 Predicted MQL: 0.020528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.01000	.01042	.000	4.18	-.00069	.000	1
S2	1.2500	1.1644	-.086	-6.85	.02900	.000	1
S3	2.5000	2.4184	-.082	-3.27	.06136	.000	1
S4	5.0000	4.9520	-.048	-.961	.12676	.001	1
S5	10.000	10.215	.215	2.15	.26278	.001	1

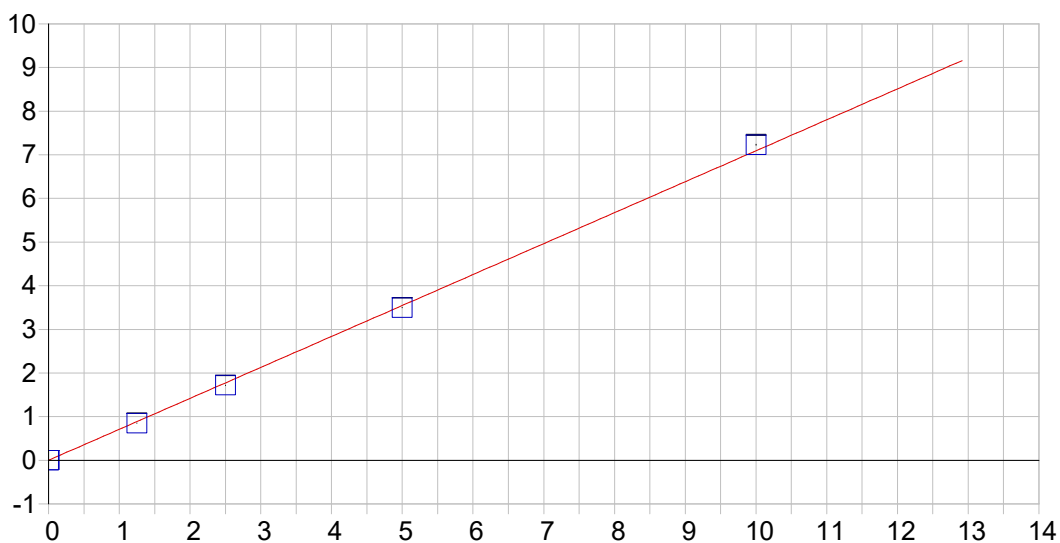


B 249.678 {135}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001033 Re-Slope: 1.000000
 A1 (Gain): 0.221205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999684 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.001401
 Predicted MQL: 0.004669

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00103	.001	1
S1	.01000	.01000	.000	.008	.00322	.000	1
S2	1.2500	1.2853	.035	2.82	.26611	.001	1
S3	2.5000	2.6026	.103	4.10	.53827	.001	1
S4	5.0000	5.0663	.066	1.33	1.0448	.004	1
S5	10.000	9.7958	-.204	-2.04	2.0140	.024	1

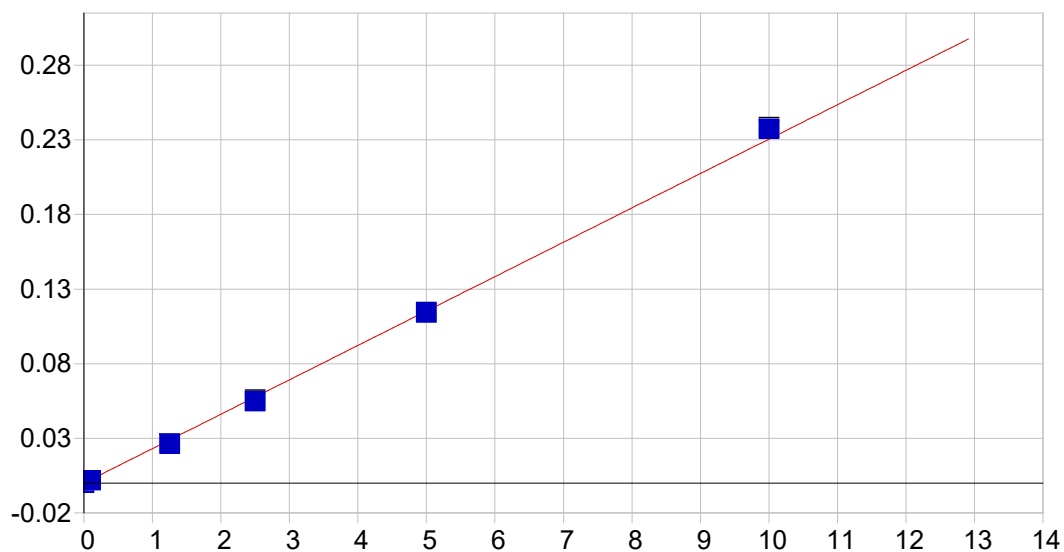


Mo 202.030 {467}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000363	Re-Slope:	1.000000
A1 (Gain):	0.709230	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999760	Status:	OK.
Std Error of Est:	0.000261		
Predicted MDL:	0.000608		
Predicted MQL:	0.002026		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.01000	.00974	-.000	-2.59	.00727	.001	1
S2	1.2500	1.1994	-.051	-4.04	.85104	.003	1
S3	2.5000	2.4249	-.075	-3.00	1.7202	.004	1
S4	5.0000	4.9317	-.068	-1.37	3.4981	.006	1
S5	10.000	10.194	.194	1.94	7.2304	.011	1

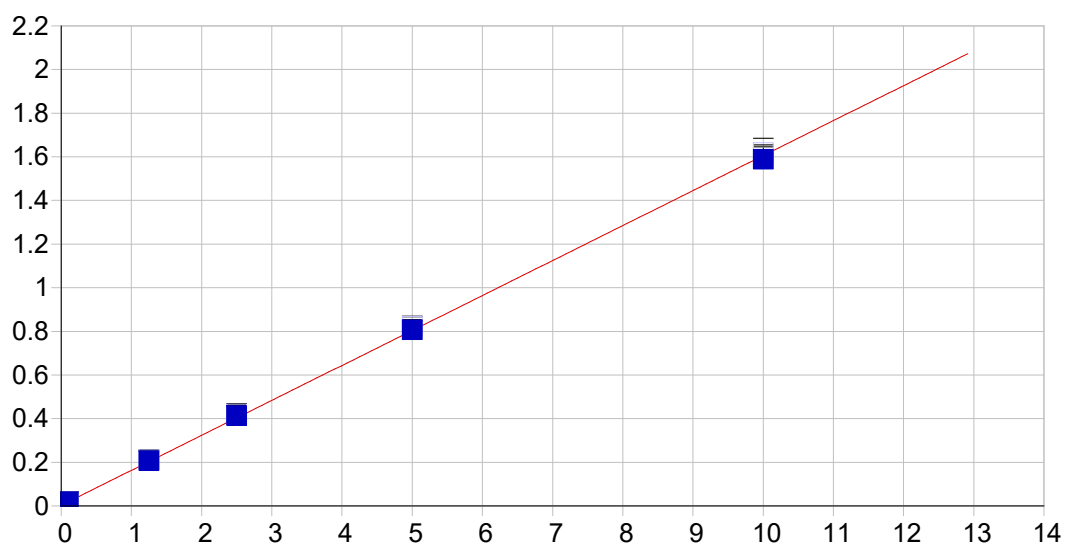


S 182.034 {485}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000052 Re-Slope: 1.000000
 A1 (Gain): 0.023046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999263 Status: OK.
 Std Error of Est: 0.000047
 Predicted MDL: 0.008621
 Predicted MQL: 0.028737

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00005	.000	1
S1	.10000	.08182	-.018	-18.2	.00194	.000	1
S2	1.2500	1.1427	-.107	-8.58	.02638	.000	1
S3	2.5000	2.3764	-.124	-4.95	.05481	.001	1
S4	5.0000	4.9535	-.046	-.929	.11420	.000	1
S5	10.000	10.296	.296	2.96	.23729	.001	1

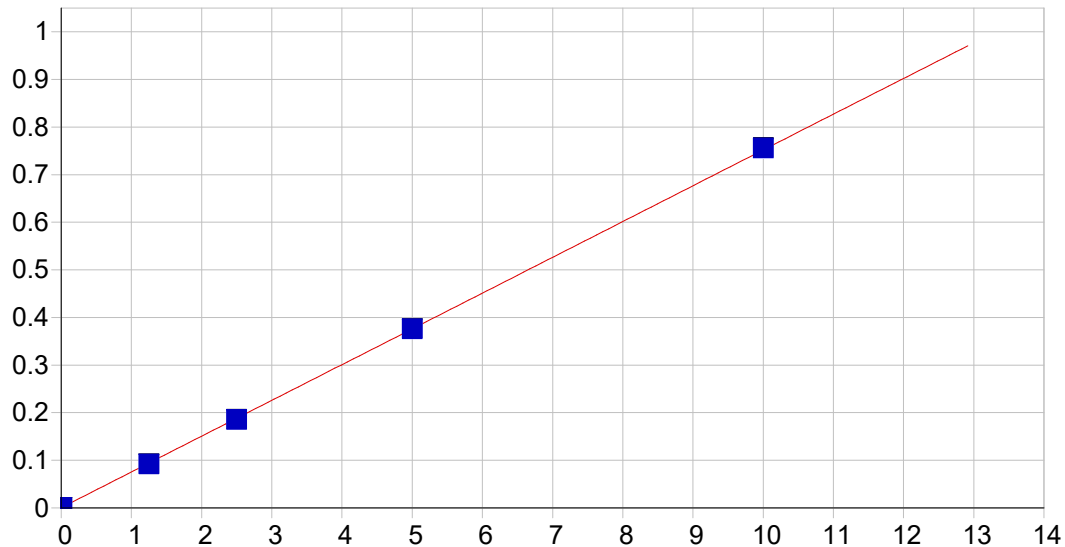


Si 251.611 {134}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002664 Re-Slope: 1.000000
 A1 (Gain): 0.160276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000110
 Predicted MDL: 0.001772
 Predicted MQL: 0.005907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00266	.000	1
S1	.10000	.10068	.001	.681	.01898	.000	1
S2	1.2500	1.2735	.023	1.88	.21068	.001	1
S3	2.5000	2.5622	.062	2.49	.42114	.002	1
S4	5.0000	5.0184	.018	.368	.82262	.002	1
S5	10.000	9.8952	-.105	-1.05	1.6199	.020	1

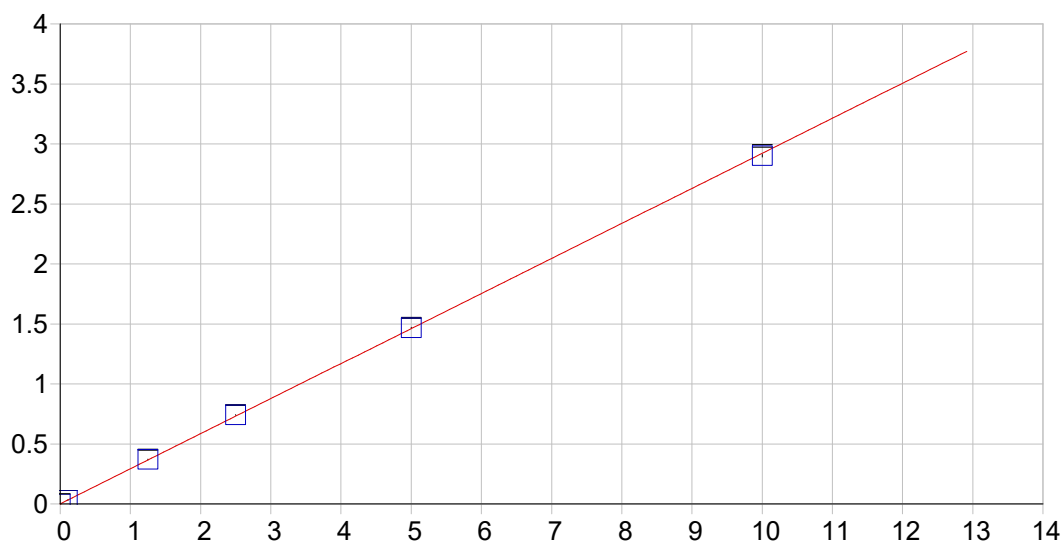


Sn 189.989 {478}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000357 Re-Slope: 1.000000
 A1 (Gain): 0.075147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002563
 Predicted MQL: 0.008543

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.00700	.00493	-.002	-29.6	.00071	.000	1
S2	1.2500	1.2223	-.028	-2.22	.09195	.000	1
S3	2.5000	2.4676	-.032	-1.29	.18528	.000	1
S4	5.0000	5.0015	.001	.029	.37518	.000	1
S5	10.000	10.061	.061	.606	.75434	.001	1

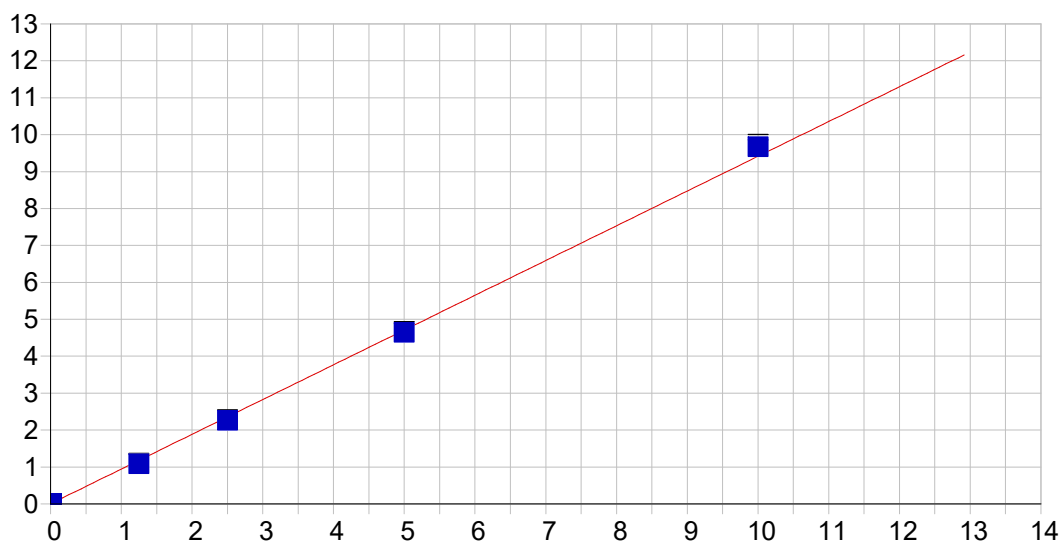


Ti 336.121 {100}

Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001283	Re-Slope:	1.000000
A1 (Gain):	0.291997	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.000122		
Predicted MDL:	0.001455		
Predicted MQL:	0.004849		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00128	.000	1
S1	.10000	.10250	.003	2.50	.03121	.000	1
S2	1.2500	1.2618	.012	.942	.36972	.003	1
S3	2.5000	2.5328	.033	1.31	.74086	.002	1
S4	5.0000	5.0215	.022	.430	1.4675	.003	1
S5	10.000	9.9314	-.069	-.686	2.9012	.011	1

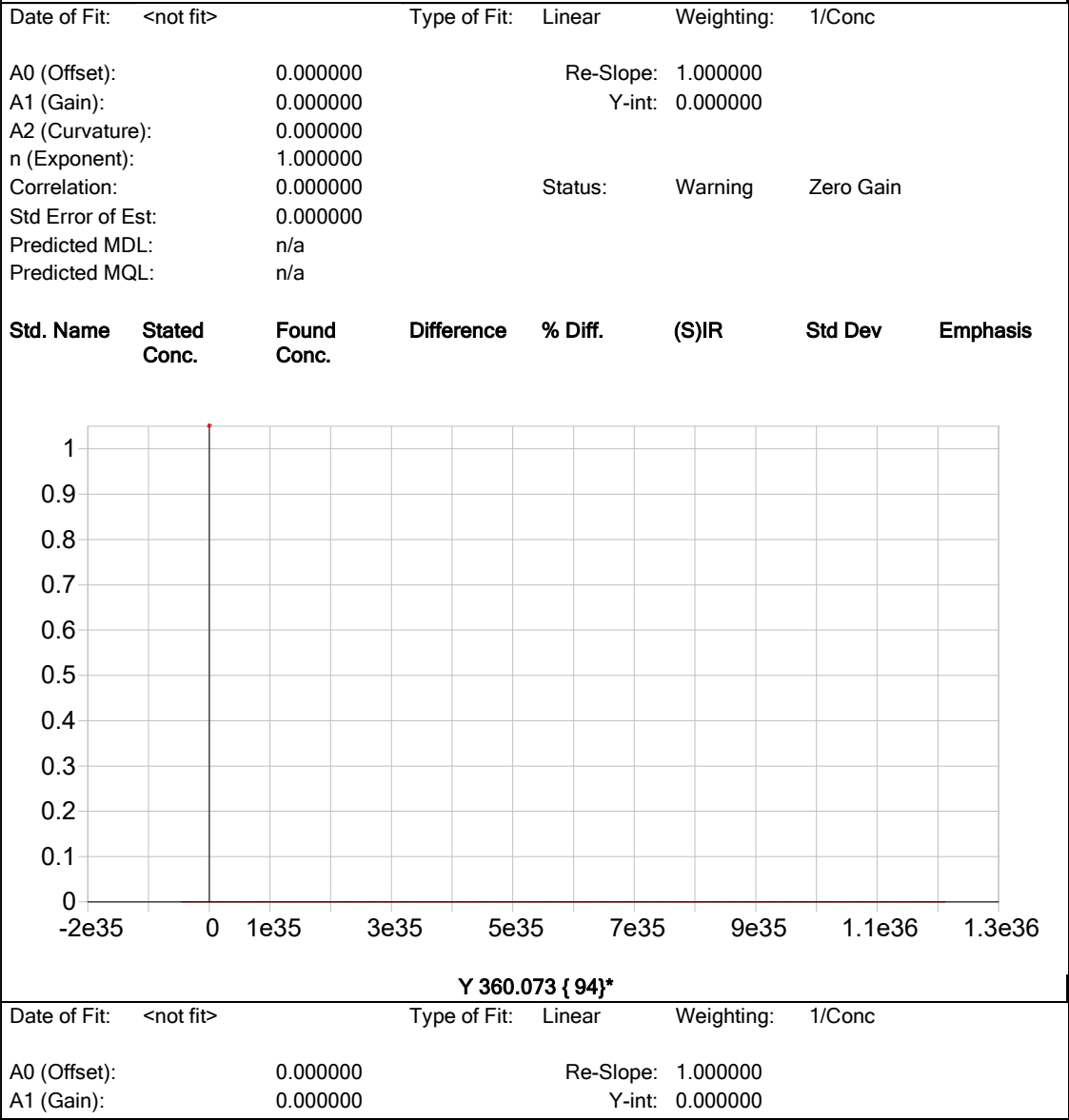
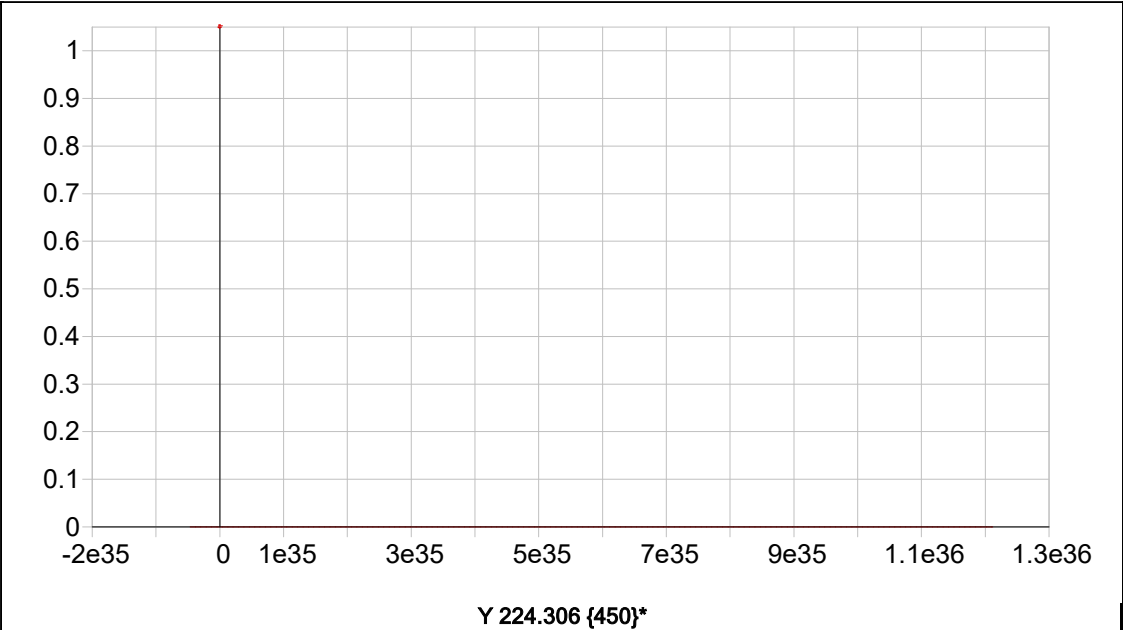


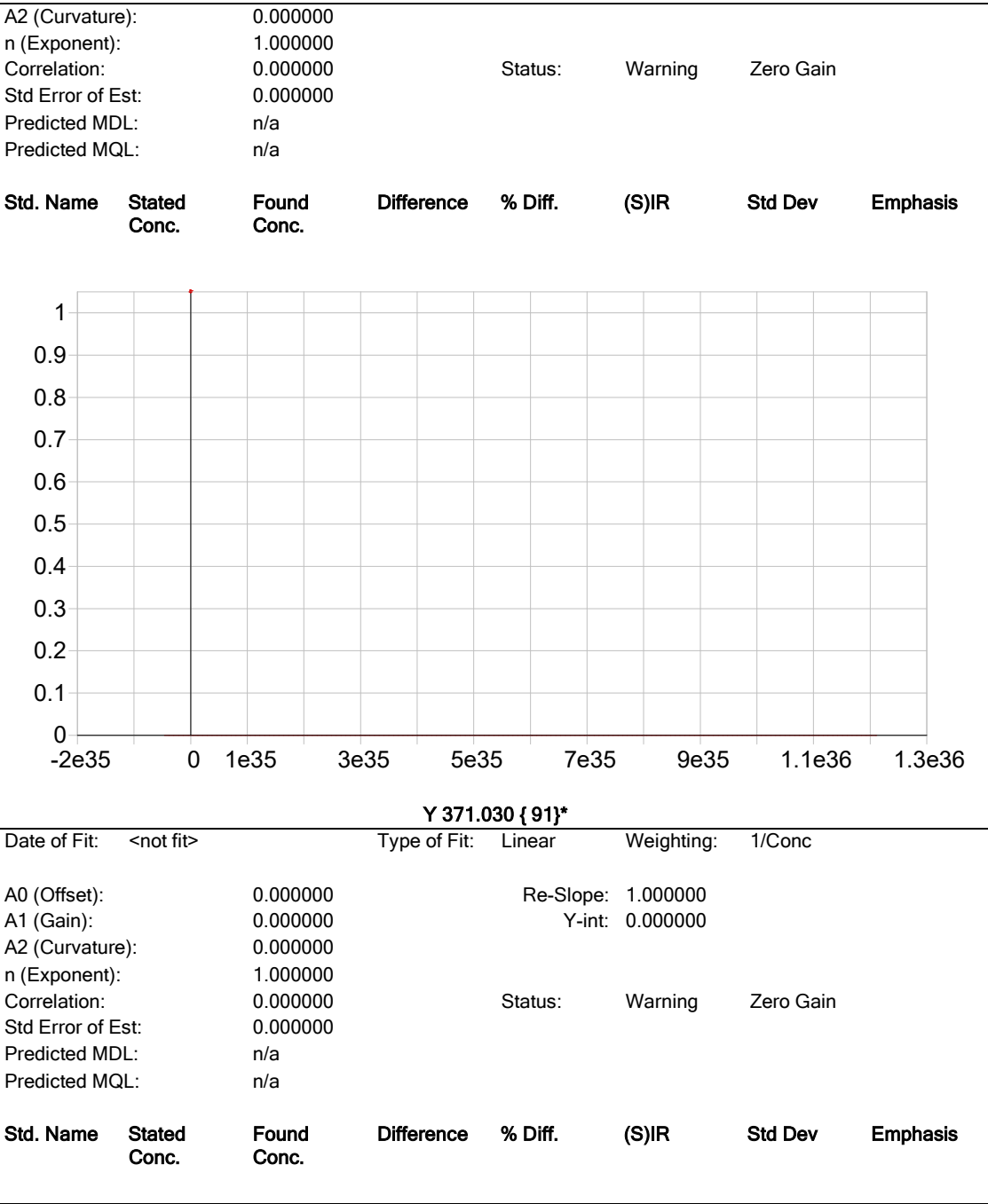
Li 670.784 { 50}

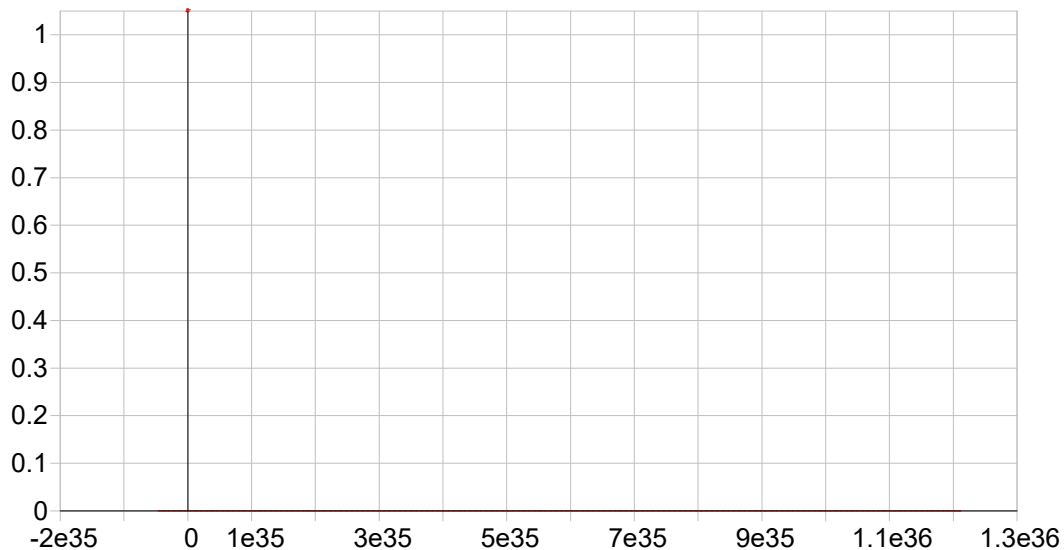
Date of Fit: 12/04/2021 13:23:10 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002803 Re-Slope: 1.000000
 A1 (Gain): 0.941218 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999441 Status: OK.
 Std Error of Est: 0.000646
 Predicted MDL: 0.001658
 Predicted MQL: 0.005525

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00281	.001	1
S5	10.000	10.272	.272	2.72	9.6613	.072	1
S4	5.0000	4.9305	-.070	-1.39	4.6384	.025	1
S3	2.5000	2.3982	-.102	-4.07	2.2575	.017	1
S2	1.2500	1.1521	-.098	-7.83	1.0859	.016	1
S1	.01500	.01167	-.003	-22.2	.01371	.001	1





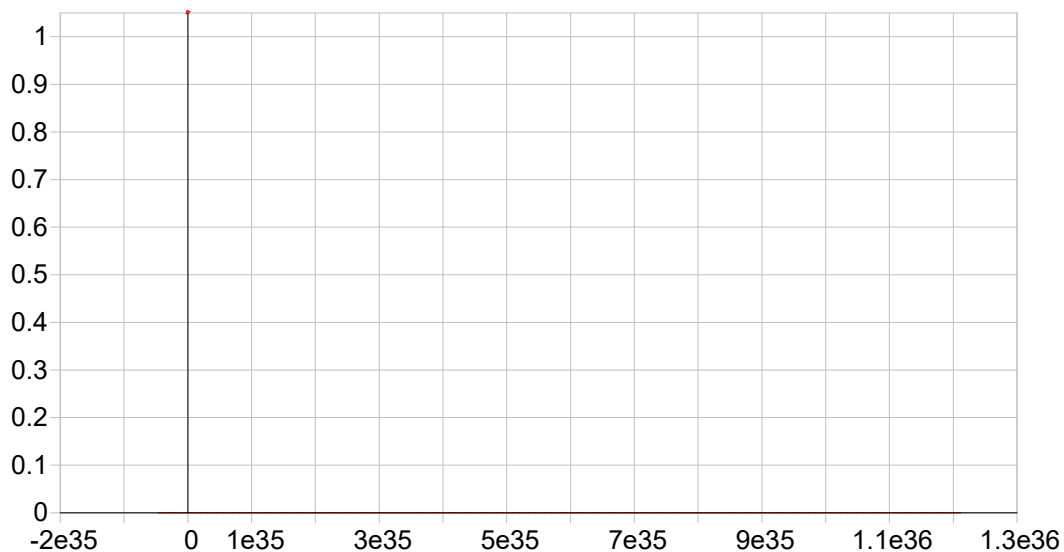


Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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A0 (Offset):	0.000000	Re-Slope:	1.000000	
A1 (Gain):	0.000000	Y-int:	0.000000	
A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	0.000000			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

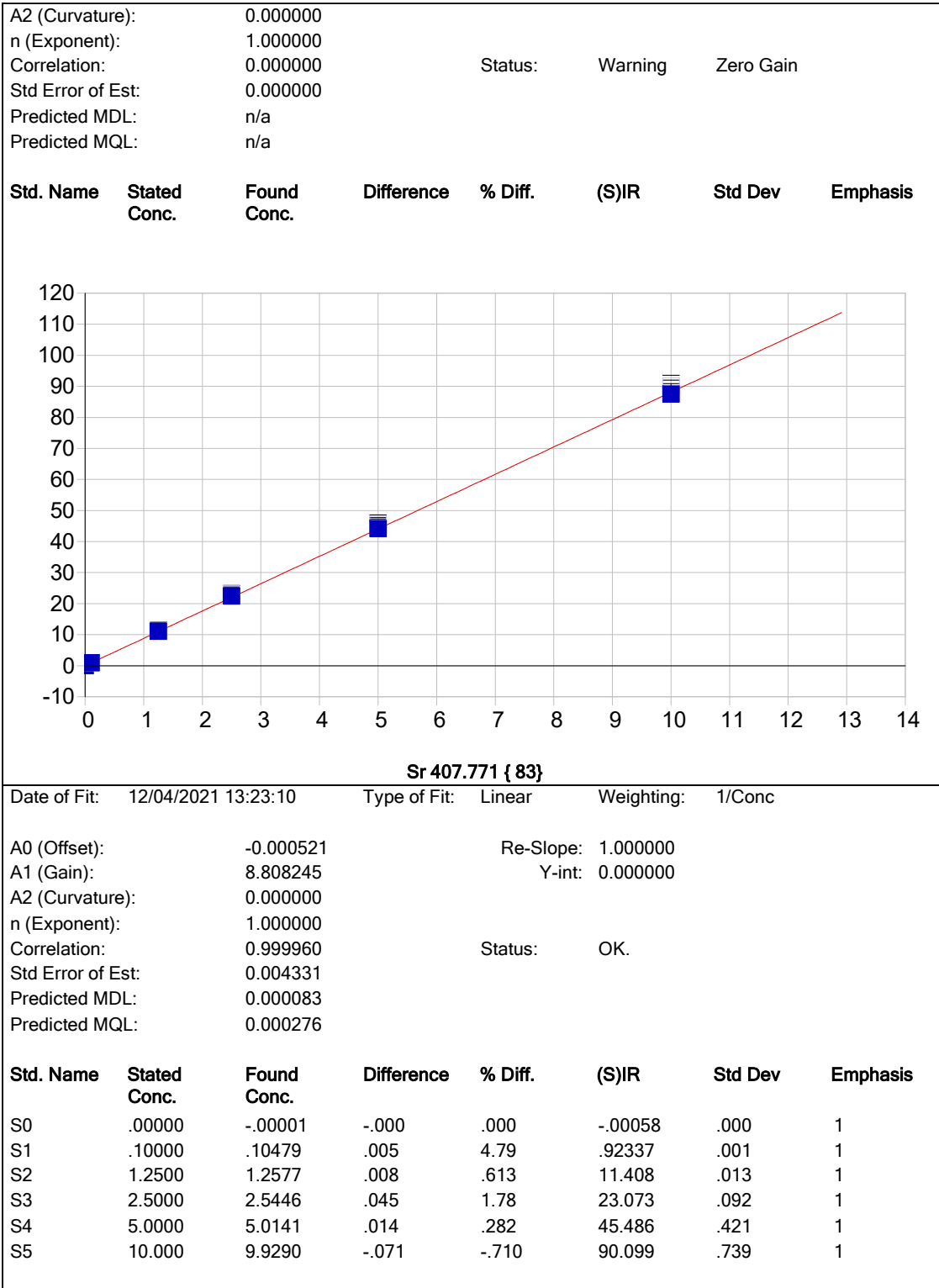
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}^{*}

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000



Sample Name: S0 Acquired: 12/04/2021 12:17:31 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00062	-.00072	-.00009	.00142	.00134	-.00207	-.00299	-.00205
Stddev	.00018	.00016	.00052	.00033	.00024	.00006	.00112	.00010
%RSD	29.668	22.035	554.96	23.392	18.227	2.7025	37.545	4.7259
#1	-.00078	-.00066	.00017	.00114	.00109	-.00213	-.00420	-.00216
#2	-.00042	-.00060	.00024	.00179	.00136	-.00204	-.00277	-.00201
#3	-.00064	-.00090	-.00069	.00133	.00158	-.00203	-.00199	-.00197
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00181	.00061	-.00007	-.00146	.00140	.00021	.00007	.00008
Stddev	.00053	.00008	.00005	.00023	.00023	.00013	.00002	.00014
%RSD	29.426	12.507	71.928	15.994	16.614	63.499	23.362	177.33
#1	.00181	.00069	-.00001	-.00121	.00158	.00007	.00009	.00023
#2	.00127	.00058	-.00010	-.00150	.00148	.00024	.00005	.00004
#3	.00234	.00054	-.00009	-.00167	.00114	.00033	.00007	-.00004
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00211	-.00105	-.00073	-.00036	.00011	.02135	-.00096	.00103
Stddev	.00024	.00007	.00135	.00012	.00054	.00065	.00014	.00057
%RSD	11.227	6.9722	185.01	34.068	498.80	3.0486	14.908	54.934
#1	-.00235	-.00097	-.00131	-.00044	-.00038	.02071	-.00091	.00054
#2	-.00210	-.00110	-.00171	-.00042	.00001	.02134	-.00113	.00165
#3	-.00188	-.00109	.00081	-.00022	.00069	.02201	-.00086	.00091
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00036	.00005	.00266	.00036	.00128	.00281	-.00058	
Stddev	.00037	.00008	.00017	.00010	.00034	.00067	.00029	
%RSD	101.09	153.86	6.2803	27.872	26.171	23.962	50.638	
#1	.00022	-.00003	.00259	.00025	.00159	.00330	-.00077	
#2	.00078	.00006	.00286	.00036	.00133	.00308	-.00024	
#3	.00009	.00013	.00255	.00045	.00092	.00204	-.00073	

Sample Name: S0 Acquired: 12/04/2021 12:17:31 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1031.9	46295.	8399.3	1171.1	1808.3
Stddev	3.6	646.	50.3	12.7	4.6
%RSD	.34428	1.3960	.59931	1.0839	.25254
#1	1031.3	45549.	8341.3	1156.9	1809.5
#2	1035.7	46648.	8424.9	1175.0	1812.1
#3	1028.7	46688.	8431.7	1181.4	1803.2

Sample Name: S1 Acquired: 12/04/2021 12:21:39 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00015	-.00016	.00142	.00295	.00847	.01389	.48055	.01060
Stddev	.00027	.00021	.00021	.00029	.00007	.00059	.00514	.00041
%RSD	174.42	132.81	14.884	9.8578	.83605	4.2305	1.0702	3.8935
#1	.00016	-.00037	.00118	.00327	.00855	.01344	.48635	.01106
#2	-.00029	-.00016	.00154	.00270	.00842	.01367	.47874	.01026
#3	-.00032	.00005	.00155	.00288	.00844	.01455	.47655	.01048
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01550	.18827	.00111	.03612	.00462	.00270	.00418	.04165
Stddev	.00009	.00226	.00007	.00060	.00041	.00010	.00006	.00065
%RSD	.55002	1.1992	6.0878	1.6609	8.9137	3.8155	1.4762	1.5507
#1	.01549	.19088	.00113	.03620	.00465	.00269	.00418	.04236
#2	.01559	.18696	.00103	.03668	.00420	.00261	.00412	.04150
#3	.01543	.18698	.00116	.03549	.00502	.00281	.00424	.04110
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01624	.00125	.02529	.00464	.00817	.09905	-.00069	.00322
Stddev	.00029	.00007	.00073	.00024	.00061	.00050	.00014	.00027
%RSD	1.8142	5.8985	2.8981	5.2579	7.4738	.50530	20.711	8.5143
#1	.01649	.00130	.02578	.00445	.00786	.09963	-.00078	.00297
#2	.01631	.00117	.02565	.00456	.00778	.09879	-.00053	.00316
#3	.01592	.00129	.02445	.00491	.00887	.09874	-.00076	.00351
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00727	.00194	.01898	.00071	.03121	.01371	.92337	
Stddev	.00066	.00008	.00016	.00015	.00025	.00114	.00104	
%RSD	9.0656	4.0288	.82947	20.660	.78884	8.2990	.11258	
#1	.00667	.00203	.01916	.00058	.03093	.01258	.92362	
#2	.00717	.00190	.01887	.00067	.03139	.01485	.92427	
#3	.00797	.00189	.01890	.00087	.03132	.01369	.92223	

Sample Name: S1 Acquired: 12/04/2021 12:21:39 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1024.3	46423.	8388.4	1176.3	1798.1
Stddev	1.5	164.	81.3	4.2	2.1
%RSD	.14198	.35345	.96947	.36002	.11839
#1	1022.7	46307.	8299.0	1174.6	1795.7
#2	1024.6	46352.	8408.0	1173.2	1799.5
#3	1025.6	46611.	8458.1	1181.2	1799.2

Sample Name: S2 Acquired: 12/04/2021 12:25:47 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03350	.04136	1.1193	.06654	.15175	3.0900	6.0157	.28842
Stddev	.00007	.00013	.0024	.00023	.00116	.0232	.0725	.00194
%RSD	.19486	.32476	.21828	.34250	.76641	.74964	1.2046	.67366

#1	.03350	.04150	1.1199	.06676	.15041	3.0780	6.0101	.29017
#2	.03343	.04136	1.1214	.06630	.15244	3.1167	6.0907	.28875
#3	.03356	.04123	1.1166	.06655	.15241	3.0752	5.9461	.28633

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5976	2.2863	.44651	.47619	.45515	.83584	1.0377	.50539
Stddev	.0017	.0299	.00034	.00080	.00086	.01049	.0150	.00655
%RSD	.10341	1.3077	.07559	.16738	.18915	1.2546	1.4435	1.2957

#1	1.5993	2.2822	.44622	.47578	.45508	.83338	1.0369	.50508
#2	1.5973	2.3180	.44688	.47711	.45604	.84733	1.0530	.51210
#3	1.5961	2.2587	.44643	.47568	.45432	.82680	1.0231	.49901

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.28226	.06583	.19574	.05471	.52511	.61042	.02900	.26611
Stddev	.00076	.00023	.00068	.00095	.00310	.00182	.00009	.00065
%RSD	.27091	.35046	.34981	1.7312	.59029	.29895	.29594	.24283

#1	.28185	.06606	.19565	.05462	.52684	.61138	.02903	.26676
#2	.28178	.06584	.19646	.05570	.52695	.61156	.02891	.26611
#3	.28314	.06560	.19510	.05381	.52153	.60831	.02907	.26547

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.85104	.02638	.21068	.09195	.36972	1.0859	11.408
Stddev	.00288	.00014	.00066	.00036	.00313	.0159	.013
%RSD	.33817	.54895	.31186	.38975	.84616	1.4597	.11550

#1	.84774	.02651	.21060	.09232	.36845	1.0830	11.422
#2	.85301	.02642	.21006	.09193	.37328	1.1030	11.403
#3	.85238	.02623	.21137	.09160	.36742	1.0717	11.397

Sample Name: S2 Acquired: 12/04/2021 12:25:47 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.73	44847.	8362.4	1123.9	1652.3
Stddev	2.95	229.	61.8	5.9	4.0
%RSD	.30058	.51056	.73922	.52256	.23948
#1	982.39	44628.	8310.5	1117.7	1650.5
#2	977.32	44829.	8345.8	1124.6	1649.5
#3	982.46	45085.	8430.8	1129.3	1656.8

Sample Name: S3 Acquired: 12/04/2021 12:29:41 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06946	.08282	2.2629	.13221	.30710	6.2491	12.268	.58173
Stddev	.00046	.00056	.0046	.00038	.00123	.0165	.045	.00080
%RSD	.66606	.68085	.20125	.29054	.40200	.26341	.36788	.13726

#1	.06940	.08223	2.2583	.13199	.30833	6.2606	12.310	.58261
#2	.06995	.08288	2.2674	.13266	.30586	6.2302	12.220	.58153
#3	.06903	.08336	2.2629	.13199	.30712	6.2565	12.272	.58106

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2129	4.6172	.88481	.96687	.91466	1.6729	2.0775	1.0272
Stddev	.0055	.0270	.00144	.00197	.00219	.0073	.0080	.0047
%RSD	.16968	.58379	.16279	.20390	.23990	.43448	.38261	.45618

#1	3.2091	4.6324	.88531	.96517	.91214	1.6768	2.0809	1.0277
#2	3.2191	4.5861	.88593	.96903	.91570	1.6645	2.0685	1.0223
#3	3.2105	4.6331	.88318	.96641	.91614	1.6774	2.0832	1.0316

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57013	.13665	.39698	.10976	1.0657	1.2401	.06136	.53827
Stddev	.00047	.00035	.00199	.00007	.0042	.0031	.00035	.00086
%RSD	.08294	.25761	.50236	.06204	.39572	.24820	.57845	.15926

#1	.56958	.13638	.39894	.10982	1.0608	1.2370	.06124	.53878
#2	.57040	.13651	.39495	.10969	1.0681	1.2402	.06109	.53728
#3	.57040	.13705	.39704	.10976	1.0681	1.2431	.06176	.53875

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7202	.05481	.42114	.18528	.74086	2.2575	23.073
Stddev	.0038	.00083	.00227	.00017	.00190	.0170	.092
%RSD	.22258	1.5067	.53786	.09019	.25687	.75153	.39948

#1	1.7233	.05406	.42282	.18535	.74261	2.2731	22.973
#2	1.7159	.05569	.41856	.18541	.73883	2.2395	23.093
#3	1.7214	.05468	.42203	.18509	.74113	2.2600	23.154

Sample Name: S3 Acquired: 12/04/2021 12:29:41 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	941.19	43679.	8231.4	1090.8	1567.8
Stddev	.52	112.	37.1	4.1	1.2
%RSD	.05504	.25731	.45039	.37415	.07789
#1	940.60	43765.	8240.8	1095.5	1568.4
#2	941.55	43720.	8262.8	1089.3	1566.4
#3	941.43	43552.	8190.5	1087.8	1568.7

Sample Name: S4 Acquired: 12/04/2021 12:33:35 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14237	.16411	4.5110	.26686	.63001	12.683	24.416	1.1396
Stddev	.00051	.00079	.0046	.00150	.00076	.040	.120	.0062
%RSD	.36088	.48391	.10094	.56206	.11999	.31834	.49047	.54683

#1	.14296	.16492	4.5059	.26692	.63060	12.646	24.278	1.1328
#2	.14211	.16406	4.5145	.26533	.62916	12.726	24.481	1.1452
#3	.14203	.16333	4.5127	.26833	.63027	12.677	24.489	1.1407

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.3916	9.1565	1.7286	1.9456	1.8082	3.2623	4.0684	2.0609
Stddev	.0123	.0518	.0019	.0021	.0057	.0158	.0197	.0118
%RSD	.19282	.56611	.11054	.10907	.31516	.48337	.48493	.57296

#1	6.3800	9.0966	1.7264	1.9434	1.8018	3.2452	4.0456	2.0476
#2	6.4046	9.1853	1.7297	1.9459	1.8126	3.2762	4.0801	2.0703
#3	6.3902	9.1875	1.7297	1.9476	1.8101	3.2657	4.0795	2.0648

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1404	.27720	.79824	.21748	2.1782	2.5173	.12676	1.0448
Stddev	.0023	.00074	.00461	.00130	.0086	.0060	.00069	.0044
%RSD	.20322	.26594	.57736	.59719	.39324	.23748	.54052	.41815

#1	1.1378	.27760	.79325	.21667	2.1818	2.5113	.12650	1.0420
#2	1.1409	.27765	.80233	.21898	2.1684	2.5174	.12753	1.0498
#3	1.1424	.27635	.79914	.21679	2.1844	2.5232	.12624	1.0426

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4981	.11420	.82262	.37518	1.4675	4.6384	45.486
Stddev	.0064	.00021	.00167	.00012	.0033	.0247	.421
%RSD	.18282	.18174	.20317	.03097	.22532	.53314	.92608

#1	3.4971	.11411	.82089	.37520	1.4642	4.6098	45.132
#2	3.4922	.11443	.82423	.37528	1.4708	4.6529	45.374
#3	3.5049	.11405	.82275	.37505	1.4676	4.6523	45.952

Sample Name: S4 Acquired: 12/04/2021 12:33:35 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	887.33	42178.	8158.6	1032.0	1473.3
Stddev	2.08	21.	43.2	3.9	1.8
%RSD	.23403	.04918	.52943	.37549	.12160
#1	888.24	42186.	8206.3	1032.1	1475.4
#2	888.80	42194.	8147.1	1035.9	1472.4
#3	884.95	42155.	8122.3	1028.1	1472.2

Sample Name: S5 Acquired: 12/04/2021 12:37:36 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.30253	.32063	8.9952	.55369	1.3301	25.767	47.853	2.2602
Stddev	.00129	.00078	.0104	.00174	.0030	.076	.394	.0300
%RSD	.42687	.24221	.11563	.31406	.22395	.29429	.82282	1.3277

#1	.30111	.32129	9.0061	.55569	1.3328	25.682	47.511	2.2260
#2	.30364	.32082	8.9854	.55286	1.3306	25.829	47.766	2.2731
#3	.30284	.31977	8.9941	.55252	1.3269	25.788	48.284	2.2817

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.631	18.235	3.3902	3.8875	3.5892	6.3807	8.0132	4.1693
Stddev	.015	.084	.0050	.0077	.0283	.0180	.0310	.0135
%RSD	.12101	.45920	.14644	.19894	.78936	.28236	.38709	.32322

#1	12.643	18.213	3.3845	3.8964	3.5565	6.3680	7.9928	4.1638
#2	12.614	18.327	3.3933	3.8836	3.6073	6.4013	8.0489	4.1847
#3	12.637	18.164	3.3928	3.8825	3.6037	6.3727	7.9979	4.1595

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2720	.57279	1.6134	.43108	4.5771	5.1473	.26278	2.0140
Stddev	.0025	.00127	.0073	.00071	.0440	.0398	.00088	.0244
%RSD	.11192	.22162	.45129	.16488	.96120	.77238	.33622	1.2136

#1	2.2722	.57136	1.6070	.43065	4.6165	5.1017	.26380	1.9859
#2	2.2694	.57380	1.6213	.43190	4.5852	5.1749	.26224	2.0267
#3	2.2744	.57320	1.6118	.43070	4.5296	5.1653	.26229	2.0296

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.2304	.23729	1.6199	.75434	2.9012	9.6613	90.099
Stddev	.0108	.00108	.0198	.00070	.0106	.0720	.739
%RSD	.14894	.45581	1.2224	.09223	.36360	.74502	.82030

#1	7.2235	.23841	1.5970	.75512	2.8913	9.6624	90.270
#2	7.2428	.23723	1.6304	.75409	2.9123	9.7327	90.738
#3	7.2250	.23625	1.6323	.75380	2.9001	9.5887	89.290

Sample Name: S5 Acquired: 12/04/2021 12:37:36 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	807.25	40363.	8066.4	951.39	1364.3
Stddev	1.05	176.	45.4	7.82	2.6
%RSD	.13004	.43621	.56271	.82204	.19098
#1	807.47	40222.	8116.7	945.76	1361.4
#2	806.11	40307.	8028.5	948.08	1366.4
#3	808.17	40560.	8053.9	960.32	1365.0

Sample Name: S6 Acquired: 12/04/2021 12:41:45 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	69.572	30.116	17.449	7.1199	4.5472
Stddev	1.208	.055	.018	.0113	.0065
%RSD	1.7359	.18304	.10214	.15840	.14340

#1	69.029	30.139	17.429	7.1086	4.5519
#2	68.732	30.157	17.451	7.1198	4.5397
#3	70.957	30.053	17.465	7.1312	4.5500

Int. Std.	Y_3710
Units	Cts/S
Avg	7819.1
Stddev	25.7
%RSD	.32845

#1	7798.3
#2	7847.8
#3	7811.2

Sample Name: ICV005 Acquired: 12/04/2021 12:46:20 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV005 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.034381	1.079025	1.018271	1.013264	.9759373	2.465353
Stddev	.007162	.008388	.001534	.007172	.0019160	.020653
%RSD	.6923926	.7773963	.1506596	.7078390	.1963224	.8377399

#1	1.042166	1.079244	1.016516	1.007323	.9780492	2.468410
#2	1.028072	1.070529	1.019356	1.011237	.9743104	2.484308
#3	1.032905	1.087301	1.018941	1.021231	.9754524	2.443342

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5475993	.5540136	.5230914	10.73451	.5714980	.5174716
Stddev	.0024177	.0054374	.0002364	.01874	.0008874	.0012294
%RSD	.4415110	.9814616	.0451934	.1745371	.1552784	.2375718

#1	.5497473	.5533288	.5232911	10.75294	.5714324	.5171734
#2	.5480697	.5597610	.5231527	10.71548	.5706452	.5164188
#3	.5449810	.5489510	.5228304	10.73511	.5724164	.5188226

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5323129	10.01122	.5508843	5.825973	.5311149	.2498969
Stddev	.0043401	.05117	.0013401	.042325	.0015355	.0022971
%RSD	.8153218	.5111447	.2432605	.7264820	.2891106	.9192090

#1	.5321644	10.00958	.5508936	5.812409	.5325518	.2525466
#2	.5367253	10.06319	.5522197	5.873417	.5294968	.2484678
#3	.5280490	9.96089	.5495396	5.792094	.5312960	.2486762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.961629	.5460192	.9593131	9.306312	F .0069022	F .0201506
Stddev	.110663	.0032161	.0064859	.040846	.0025427	.0017957
%RSD	1.110892	.5890031	.6761014	.4389072	36.83890	8.911558

#1	9.845433	.5492577	.9599385	9.284654	.0097939	.0214254
#2	9.973681	.5459739	.9525371	9.280856	.0058968	.0209293
#3	10.06577	.5428260	.9654637	9.353426	.0050160	.0180969

Sample Name: ICV005 Acquired: 12/04/2021 12:46:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000234	F -.000403	F .0035257	F -.001527	F -.000531	F .0018419
Stddev	.000302	.006782	.0006812	.001715	.000215	.0013711
%RSD	129.1970	1681.613	19.32017	112.3667	40.51660	74.44034

#1	.000107	.000110	.0033017	-.003146	-.000772	.0006470
#2	-.000342	-.007427	.0042906	.000271	-.000462	.0015399
#3	-.000466	.006108	.0029847	-.001705	-.000359	.0033388

Elem	Sr4077
Units	ppm
Avg	F -.008687
Stddev	.000102
%RSD	1.170452

#1	-.008673
#2	-.008795
#3	-.008594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1018.148	46577.81	8383.534	1169.136	1785.218
Stddev	2.172	375.44	18.226	11.840	3.207
%RSD	.2133705	.8060470	.2173965	1.012675	.1796597

#1	1015.705	46420.61	8377.122	1165.495	1783.172
#2	1019.864	47006.30	8369.382	1182.369	1788.915
#3	1018.874	46306.53	8404.099	1159.545	1783.568

Sample Name: ICB005 Acquired: 12/04/2021 12:56:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002853	-.007077	-.001743	-.007437	-.002710	.0047791	-.000130
Stddev	.0089932	.004074	.002690	.005917	.002432	.0078474	.000246
%RSD	3152.337	57.56674	154.3813	79.56731	89.71541	164.2029	189.7349

#1	.0086525	-.010436	.000132	-.004212	-.002869	.0011869	-.000383
#2	-.009225	-.008251	-.000535	-.014266	-.000203	.0137796	.000109
#3	.001428	-.002545	-.004825	-.003833	-.005059	-.000629	-.000116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	.0000567	.0129055	.0002335	-.000260	.0003632	-.003717
Stddev	.000043	.0000245	.0154516	.0001760	.000194	.0011987	.008363
%RSD	59.41620	43.29461	119.7283	75.39445	74.58487	330.0183	225.0144

#1	-.000114	.0000505	.0255413	.0004353	-.000107	.0012573	.001708
#2	-.000076	.0000837	.0174965	.0001116	-.000479	-.000999	-.013347
#3	-.000028	.0000358	-.004321	.0001535	-.000195	.000831	.000490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000327	-.040619	.0004610	.0001055	-.146745	.0020143	-.008418
Stddev	.000107	.023969	.0004457	.0004751	.123290	.0028715	.001892
%RSD	32.61834	59.00997	96.68718	450.2132	84.01637	142.5583	22.47435

#1	-.000237	-.067888	.0007073	.0001585	-.062628	.0014659	-.010393
#2	-.000300	-.022881	-.000054	.0005520	-.288271	.0051204	-.006622
#3	-.000445	-.031089	.000729	-.000394	-.089337	-.000544	-.008238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.128675	-.001452	.0058799	-.000300	-.004109	-.001961	-.000903
Stddev	.049284	.003184	.0014979	.000278	.008278	.001353	.002569
%RSD	38.30122	219.2937	25.47557	92.75010	201.4565	68.96458	284.4906

#1	-.093051	.001919	.0059095	-.000114	-.009099	-.002354	.002061
#2	-.184920	-.004410	.0073628	-.000166	.005447	-.003074	-.002283
#3	-.108054	-.001865	.0043674	-.000620	-.008676	-.000456	-.002486

Sample Name: ICB005 Acquired: 12/04/2021 12:56:53 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000026	-.000382	-.000050
Stddev	.001239	.001249	.000074
%RSD	4685.812	326.9747	147.6582

#1	-.001063	-.001713	-.000132
#2	-.000362	-.000198	.000013
#3	.001346	.000764	-.000031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1003.622	45967.91	8345.733	1157.506	1780.949
Stddev	1.363	180.01	42.675	3.371	2.761
%RSD	.1358166	.3916079	.5113406	.2912487	.1550075

#1	1002.062	45869.54	8350.500	1156.562	1778.152
#2	1004.583	45858.52	8300.875	1154.708	1781.023
#3	1004.221	46175.68	8385.825	1161.249	1783.672

Sample Name: ICSA005 Acquired: 12/04/2021 13:01:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028013	-.012668	.0058668	.0127527	.0079274	251.7520
Stddev	.0034940	.007329	.0040164	.0087541	.0039482	.7979
%RSD	124.7281	57.85567	68.45991	68.64522	49.80421	.3169375

#1	-.001065	-.005055	.0047086	.0228507	.0044052	250.8363
#2	.005732	-.013272	.0025568	.0081009	.0071818	252.1217
#3	.003737	-.019675	.0103351	.0073065	.0121952	252.2979

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057306	.0011129	-.001293	262.4452	.0593483	-.000763
Stddev	.0003528	.0001027	.000325	2.6374	.0004300	.000149
%RSD	6.156275	9.224103	25.17818	1.004945	.7246007	19.58077

#1	.0056585	.0011709	-.000923	259.4000	.0591484	-.000930
#2	.0061138	.0009944	-.001537	264.0030	.0598419	-.000641
#3	.0054193	.0011734	-.001418	263.9326	.0590547	-.000719

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032899	106.2710	.0111537	256.1439	.0026397	-.002771
Stddev	.0026675	.7938	.0006915	1.7316	.0008359	.000293
%RSD	81.08061	.7469227	6.199547	.6760337	31.66623	10.57741

#1	.0031412	105.3702	.0118329	254.1444	.0034637	-.002948
#2	.0006999	106.5752	.0111776	257.1435	.0026632	-.002933
#3	.0060286	106.8677	.0104506	257.1437	.0017924	-.002433

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953039	.0007110	.0086693	-.202995	-.002243	F .0950328
Stddev	.2443180	.0008863	.0055213	.028995	.006341	.0012516
%RSD	125.0963	124.6439	63.68783	14.28336	282.6717	1.316987

#1	.4598718	.0010066	.0044257	-.175828	-.000915	.0938021
#2	-.021798	.0014118	.0149117	-.199634	-.009144	.0949920
#3	.147838	-.000285	.0066707	-.233524	.003329	.0963043

Sample Name: ICSA005 Acquired: 12/04/2021 13:01:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000645	.0045248	-.004193	.0053662	-.002585	.0007539
Stddev	.000470	.0062556	.001795	.0028083	.000904	.0009660
%RSD	72.87557	138.2516	42.80566	52.33283	34.98650	128.1289

#1	-.000215	.0022862	-.002918	.0027308	-.003050	.0002311
#2	-.001146	-.000304	-.006246	.0083202	-.001543	.0018686
#3	-.000573	.011592	-.003416	.0050477	-.003163	.0001620

Elem	Sr4077
Units	ppm
Avg	.0032748
Stddev	.0008217
%RSD	25.09120

#1	.0041916
#2	.0030281
#3	.0026047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	928.7700	42484.27	8208.906	1070.087	1517.901
Stddev	1.5666	84.94	50.877	2.550	3.081
%RSD	.1686727	.1999327	.6197723	.2383311	.2029489

#1	930.5127	42424.94	8266.249	1067.421	1514.424
#2	927.4786	42446.31	8191.291	1070.336	1518.989
#3	928.3189	42581.57	8169.178	1072.504	1520.289

Sample Name: ICSAB005 Acquired: 12/04/2021 13:10:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878617	.0880557	.0528677	.0574169	.5931027	244.4331
Stddev	.0067617	.0067475	.0017474	.0080490	.0060178	.3059
%RSD	7.695841	7.662759	3.305267	14.01846	1.014629	.1251415

#1	.0954753	.0850721	.0521676	.0486399	.5911501	244.7584
#2	.0855535	.0833143	.0548567	.0591580	.5883037	244.3897
#3	.0825564	.0957806	.0515789	.0644529	.5998543	244.1513

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5343113	.5178296	1.003707	255.2112	.5858894	.5015628
Stddev	.0015741	.0009258	.001662	.5076	.0033923	.0014634
%RSD	.2946071	.1787848	.1655634	.1988965	.5790049	.2917657

#1	.5360555	.5168980	1.002453	255.7777	.5826423	.5007044
#2	.5329963	.5178413	1.003076	255.0584	.5856156	.5032525
#3	.5338820	.5187495	1.005592	254.7976	.5894104	.5007314

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5057402	103.4169	.5218675	248.3810	1.013221	.2022042
Stddev	.0014749	.2527	.0007421	.7777	.001497	.0003942
%RSD	.2916232	.2443578	.1421963	.3131144	.1477694	.1949599

#1	.5071139	103.5396	.5226421	248.9697	1.012471	.2025034
#2	.5041816	103.5848	.5217975	248.6740	1.012247	.2023517
#3	.5059251	103.1263	.5211629	247.4993	1.014945	.2017575

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132031	.5180320	.9959218	-.359624	.0004824	F .0914695
Stddev	.1047872	.0035376	.0030461	.032325	.0016576	.0013462
%RSD	793.6555	.6828840	.3058607	8.988665	343.6421	1.471771

#1	-.096278	.5207118	.9956228	-.342545	-.000591	.0918627
#2	.023325	.5193620	.9991064	-.396906	.002391	.0925754
#3	.112562	.5140222	.9930362	-.339419	-.000353	.0899705

Sample Name: ICSAB005 Acquired: 12/04/2021 13:10:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000809	-.000792	-.001892	.0035960	-.004304	.0024560
Stddev	.000965	.006268	.001206	.0021591	.001454	.0010743
%RSD	119.2447	791.0809	63.73313	60.04293	33.78866	43.73960

#1	-.001315	.005968	-.002587	.0060761	-.002672	.0014736
#2	-.001415	-.006411	-.000500	.0025769	-.005464	.0022914
#3	.000303	-.001934	-.002590	.0021350	-.004775	.0036031

Elem	Sr4077
Units	ppm
Avg	.0032349
Stddev	.0005106
%RSD	15.78437

#1	.0026490
#2	.0034710
#3	.0035848

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.3913	42270.71	8154.407	1053.958	1521.437
Stddev	1.3915	205.68	7.948	6.616	3.664
%RSD	.1502110	.4865825	.0974666	.6277765	.2408570

#1	924.7865	42170.21	8156.974	1047.028	1517.434
#2	927.1252	42134.61	8145.493	1054.638	1522.250
#3	927.2624	42507.32	8160.753	1060.208	1524.627

Sample Name: CCV085 Acquired: 12/04/2021 13:14:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.043296	4.898349	24.54353	4.950708	4.966989	404.9000	10.54143
Stddev	.029944	.049230	.21410	.072493	.044329	1.6646	.11269
%RSD	.5937298	1.005029	.8723180	1.464304	.8924694	.4111149	1.069062

#1	5.042794	4.949375	24.72981	4.993457	5.003129	405.9774	10.62071
#2	5.073487	4.894536	24.59115	4.991660	4.980311	402.9828	10.41242
#3	5.013606	4.851137	24.30963	4.867006	4.917527	405.7398	10.59115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5079230	2.473275	422.0357	15.31965	2.494124	15.22788	418.0390
Stddev	.0054311	.020132	3.6775	.01958	.018735	.03122	2.1161
%RSD	1.069280	.8139629	.8713766	.1278006	.7511742	.2050254	.5061943

#1	.5044817	2.492828	423.8336	15.33495	2.511408	15.21151	419.3094
#2	.5051032	2.474386	417.8051	15.29759	2.496750	15.20826	415.5962
#3	.5141840	2.452611	424.4684	15.32643	2.474214	15.26389	419.2114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40434	405.7092	2.484293	1.288670	401.4562	2.562816	15.29429
Stddev	.11616	2.1939	.021566	.005316	3.1912	.021426	.26284
%RSD	.7540596	.5407633	.8681061	.4125458	.7949016	.8360321	1.718575

#1	15.46352	407.0321	2.499031	1.294809	402.3654	2.579890	15.49784
#2	15.27051	403.1767	2.494307	1.285599	397.9091	2.538773	15.38749
#3	15.47898	406.9188	2.459540	1.285602	404.0941	2.569783	14.99755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.3087	5.041253	5.209483	4.922641	5.069274	5.022210	4.983030
Stddev	.5577	.059855	.062412	.040508	.050155	.065320	.050606
%RSD	.3567805	1.187300	1.198043	.8228931	.9893896	1.300616	1.015572

#1	156.2164	5.106216	5.174638	4.957219	5.124798	4.985943	5.032840
#2	155.8029	5.029204	5.172274	4.932632	5.055772	4.983071	4.984588
#3	156.9068	4.988339	5.281537	4.878073	5.027253	5.097617	4.931663

Sample Name: CCV085 Acquired: 12/04/2021 13:14:43 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.096951	5.347645	4.703633
Stddev	.024458	.071703	.038821
%RSD	.4798476	1.340830	.8253394

#1	5.113153	5.394462	4.661981
#2	5.068818	5.265098	4.710108
#3	5.108883	5.383376	4.738808

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	845.4828	40202.88	7955.970	979.0611	1382.906
Stddev	6.8616	299.22	65.205	10.6679	12.047
%RSD	.8115608	.7442703	.8195725	1.089610	.8711576

#1	839.8280	39870.27	7966.288	967.6479	1370.975
#2	843.5040	40288.22	8015.400	980.7539	1382.677
#3	853.1164	40450.17	7886.221	988.7814	1395.066

Sample Name: CCB085 Acquired: 12/04/2021 13:18:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037553	-.006234	.0018562	-.005941	.0020904	.0012484
Stddev	.0013238	.004451	.0019712	.001696	.0005075	.0078035
%RSD	35.25240	71.40274	106.1974	28.54201	24.27522	625.0629

#1	.0027779	-.010822	.0008499	-.007585	.0015088	.0099924
#2	.0052619	-.001934	.0005912	-.004198	.0023198	-.005008
#3	.0032262	-.005945	.0041274	-.006041	.0024427	-.001239

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000679	.0000120	.0000763	.0190971	.0005276	.0002379
Stddev	.000374	.0000618	.0000476	.0029506	.0004584	.0000752
%RSD	55.12217	516.2157	62.36818	15.45023	86.87586	31.59614

#1	-.000816	-.000059	.0000232	.0205132	.0003147	.0001523
#2	-.000965	.000055	.0001150	.0157055	.0002144	.0002932
#3	-.000255	.000040	.0000908	.0210727	.0010537	.0002682

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026563	.0040329	.0002181	-.044043	.0001198	.0001825
Stddev	.0016925	.0024386	.0005672	.036339	.0006132	.0001022
%RSD	63.71490	60.46928	260.0777	82.50885	512.0839	56.03121

#1	.0043783	.0059306	.0002137	-.051490	.0001929	.0001253
#2	.0009950	.0048856	.0007875	-.004557	-.000527	.0001216
#3	.0025956	.0012824	-.000347	-.076081	.000693	.0003005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.170493	.0021198	-.004767	-.004742	-.001157	F .0123206
Stddev	.256347	.0014454	.003460	.017907	.003873	.0013283
%RSD	150.3561	68.18332	72.56845	377.6422	334.8183	10.78078

#1	-.459061	.0028453	-.008521	-.025017	-.002745	.0136685
#2	-.083306	.0004554	-.001707	.001880	.003258	.0122803
#3	.030888	.0030587	-.004074	.008912	-.003984	.0110129

Sample Name: CCB085 Acquired: 12/04/2021 13:18:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000276	-.001318	-.000714	-.001427	-.000277	-.000570
Stddev	.0005984	.002743	.000793	.001389	.001698	.000899
%RSD	2164.598	208.1050	111.1552	97.31742	611.8330	157.6188

#1	-.000588	.001230	-.001324	-.002376	.000102	.000465
#2	.000607	-.000962	-.001000	.000167	-.002133	-.001149
#3	.000063	-.004222	.000183	-.002073	.001198	-.001027

Elem	Sr4077
Units	ppm
Avg	.0000193
Stddev	.0000521
%RSD	269.4419

#1	-.000006
#2	.000079
#3	-.000015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.9428	45971.97	8275.850	1147.291	1775.757
Stddev	1.9531	568.09	56.067	13.165	1.599
%RSD	.1957103	1.235736	.6774714	1.147508	.0900575

#1	999.4523	46283.75	8276.625	1154.776	1776.051
#2	998.6392	45316.26	8219.400	1132.090	1777.189
#3	995.7370	46315.91	8331.525	1155.008	1774.031

Sample Name: M4720-02A Acquired: 12/04/2021 13:45:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB967A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361780	-.012513	.7220800	.0893157	.0030577	24.99221	.3705337
Stddev	.0028117	.003451	.0017684	.0039718	.0022025	.07504	.0044631
%RSD	7.771902	27.58027	.2449006	4.446942	72.03250	.3002445	1.204512

#1	.0340452	-.009771	.7241101	.0938723	.0005798	25.07720	.3756192
#2	.0393643	-.016389	.7208748	.0874880	.0047927	24.93511	.3687141
#3	.0351245	-.011380	.7212551	.0865867	.0038006	24.96432	.3672678

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055089	-.000299	6.248222	.1197629	.0841170	.0643321	102.0809
Stddev	.0000732	.000146	.078016	.0004120	.0006403	.0014942	.8196
%RSD	1.328107	48.83005	1.248616	.3440231	.7611612	2.322637	.8028615

#1	.0055769	-.000466	6.337052	.1200173	.0834464	.0654906	103.0244
#2	.0055182	-.000195	6.216788	.1192875	.0847219	.0648600	101.6728
#3	.0054315	-.000236	6.190826	.1199839	.0841827	.0626456	101.5455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.894301	3.224762	.0923226	-.001194	.2294637	.1939863	.1662535
Stddev	.034124	.045075	.0007879	.000529	.0565507	.0025668	.0090776
%RSD	.8762486	1.397787	.8534452	44.31242	24.64471	1.323188	5.460090

#1	3.932653	3.273835	.0914320	-.001798	.1691368	.1926177	.1564116
#2	3.882950	3.185204	.0929288	-.000975	.2379830	.1969474	.1742979
#3	3.867299	3.215246	.0926071	-.000810	.2812714	.1923939	.1680510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9683757	1.518638	.0828317	.0023248	.3949996	5.810785	.0089028
Stddev	.0608092	.010992	.0010099	.0004964	.0031066	.050210	.0041712
%RSD	6.279509	.7237987	1.219160	21.35383	.7864741	.8640872	46.85307

#1	.9019607	1.527762	.0817615	.0017584	.3914164	5.853233	.0043696
#2	1.021320	1.506435	.0837678	.0025319	.3966451	5.823761	.0125790
#3	.981846	1.521718	.0829657	.0026842	.3969373	5.755360	.0097598

Sample Name: M4720-02A Acquired: 12/04/2021 13:45:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: GB967A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8325736	.0096606	-.083978
Stddev	.0023722	.0014064	.000889
%RSD	.2849249	14.55829	1.058788

#1	.8326563	.0094862	-.084992
#2	.8349033	.0111460	-.083609
#3	.8301610	.0083494	-.083332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1074.515	49822.07	9094.919	1240.310	1774.202
Stddev	1.479	107.60	80.391	8.288	3.402
%RSD	.1375981	.2159750	.8839132	.6682006	.1917672

#1	1076.076	49698.24	9035.953	1246.952	1773.755
#2	1074.334	49892.88	9062.313	1231.023	1777.806
#3	1073.136	49875.08	9186.490	1242.956	1771.046

Sample Name: PB141173BL Acquired: 12/04/2021 13:56:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW173 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005605	-.010993	-.001946	-.007896	-.001707	.0048414	-.001042
Stddev	.009612	.002344	.001287	.006002	.001546	.0028901	.000297
%RSD	171.4883	21.32023	66.11316	76.01645	90.57966	59.69530	28.46790

#1	-.015921	-.011464	-.001148	-.002993	-.000027	.0030439	-.001164
#2	.003099	-.008449	-.001261	-.014590	-.003070	.0033051	-.001258
#3	-.003992	-.013065	-.003431	-.006105	-.002025	.0081752	-.000704

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000127	-.000085	.0083443	.0007088	.0003969	.0012158	.0003239
Stddev	.000084	.000098	.0126713	.0007013	.0003200	.0037694	.0030101
%RSD	66.24606	115.1268	151.8555	98.93547	80.60679	310.0450	929.3176

#1	-.000221	-.000037	.0142749	.0002620	.0007573	-.000893	.0030124
#2	-.000059	-.000020	-.006205	.0003474	.0002875	-.001027	-.002928
#3	-.000102	-.000197	.016963	.0015170	.0001461	.005568	.000887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000735	-.009410	.0004518	.0000262	-.158690	.0018349	-.007270
Stddev	.000207	.026691	.0007750	.0004079	.186296	.0038705	.005327
%RSD	28.18683	283.6563	171.5300	1557.175	117.3963	210.9433	73.27300

#1	-.000974	-.002105	-.000440	.0002945	-.116633	.0031479	-.012586
#2	-.000606	.012869	.000837	.0002273	.002982	-.002521	-.007292
#3	-.000625	-.038993	.000959	-.000443	-.362420	.004878	-.001932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.151543	.0022591	.0005349	-.000612	-.000772	-.000677	-.003869
Stddev	.020891	.0062558	.0005631	.000583	.006206	.000881	.001772
%RSD	13.78560	276.9185	105.2692	95.36153	803.8616	130.1430	45.81673

#1	-.170151	-.003421	-.000106	-.000093	.005872	-.001433	-.003068
#2	-.155533	.008964	.000950	-.000498	-.001769	.000290	-.005900
#3	-.128945	.001234	.000761	-.001243	-.006419	-.000887	-.002637

Sample Name: PB141173BL Acquired: 12/04/2021 13:56:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW173 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002487	-.000889	.0000190
Stddev	.0013493	.000651	.0000656
%RSD	542.6505	73.28853	344.6452

#1	-.000412	-.001639	-.000056
#2	-.000643	-.000555	.000064
#3	.001801	-.000472	.000050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	975.8821	45743.45	8309.625	1128.853	1740.613
Stddev	1.4981	114.27	42.228	5.102	4.773
%RSD	.1535112	.2498006	.5081861	.4519529	.2742074

#1	975.6998	45719.03	8263.750	1124.176	1741.723
#2	974.4835	45867.95	8346.875	1134.293	1735.383
#3	977.4630	45643.36	8318.250	1128.090	1744.733

Sample Name: PB141173BS Acquired: 12/04/2021 14:00:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS173 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178899	.0408736	.0173688	.0609576	.1176150	.3937026
Stddev	.0026219	.0034655	.0014834	.0032230	.0015784	.0048999
%RSD	14.65559	8.478503	8.540763	5.287243	1.342019	1.244563

#1	.0208812	.0369277	.0188609	.0574702	.1166527	.3943516
#2	.0167980	.0422705	.0158942	.0638265	.1194366	.3982457
#3	.0159904	.0434225	.0173514	.0615761	.1167557	.3885106

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4215147	.0109184	.0106197	10.48502	.0213704	.0964910
Stddev	.0025280	.0002199	.0001442	.04580	.0001137	.0004361
%RSD	.5997390	2.013943	1.357633	.4368180	.5321499	.4519466

#1	.4242896	.0111696	.0106907	10.53199	.0213135	.0960029
#2	.4209120	.0108246	.0107146	10.48258	.0212964	.0966279
#3	.4193426	.0107609	.0104538	10.44048	.0215014	.0968422

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549841	.1662514	.0336877	9.967224	.0807089	.0205098
Stddev	.0007199	.0054700	.0007094	.089176	.0008078	.0003235
%RSD	1.309358	3.290227	2.105840	.8946898	1.000919	1.577181

#1	.0544730	.1699703	.0340476	10.03886	.0797888	.0202305
#2	.0546718	.1688134	.0341450	9.99546	.0813021	.0208642
#3	.0558075	.1599706	.0328705	9.86735	.0810358	.0204348

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.776923	.1101035	.1044749	9.249669	F .0122434	.0208550
Stddev	.331784	.0037096	.0023940	.053992	.0064439	.0002526
%RSD	3.393538	3.369162	2.291496	.5837145	52.63154	1.211426

#1	9.666951	.1118927	.1055974	9.286103	.0058780	.0210981
#2	10.14973	.1058384	.1017258	9.187640	.0187630	.0208731
#3	9.51409	.1125793	.1061014	9.275264	.0120891	.0205938

Sample Name: PB141173BS Acquired: 12/04/2021 14:00:15 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS173 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200610	.1747472	.2080498	.0109214	.2093608	.0280569
Stddev	.0005842	.0085105	.0024348	.0012432	.0010632	.0010303
%RSD	2.912100	4.870180	1.170296	11.38340	.5078384	3.672195

#1	.0195112	.1824845	.2108610	.0109832	.2088569	.0283664
#2	.0199975	.1761253	.2066089	.0121326	.2105823	.0269073
#3	.0206744	.1656317	.2066795	.0096484	.2086433	.0288970

Elem	Sr4077
Units	ppm
Avg	.2103038
Stddev	.0025593
%RSD	1.216967

#1	.2132553
#2	.2089580
#3	.2086983

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	971.8259	45203.24	8200.014	1128.553	1731.585
Stddev	1.5183	145.93	83.948	8.887	3.400
%RSD	.1562340	.3228357	1.023759	.7874580	.1963262

#1	970.6635	45253.04	8106.340	1135.720	1729.749
#2	973.5438	45317.74	8225.260	1131.328	1735.508
#3	971.2706	45038.92	8268.443	1118.609	1729.499

Sample Name: M4941-01 Acquired: 12/04/2021 14:04:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.003025	-.011908	.0026640	-.006364	.0032599	.0148642	.1990858
Stddev	.019646	.002834	.0020276	.007995	.0005046	.0046044	.0005246
%RSD	649.4493	23.79577	76.11109	125.6360	15.47886	30.97641	.2634957

#1	.008971	-.014943	.0027020	-.008599	.0037756	.0201493	.1985843
#2	.007652	-.009332	.0006177	.002511	.0032370	.0117209	.1990423
#3	-.025698	-.011450	.0046724	-.013004	.0027672	.0127223	.1996308

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000558	.0000252	83.63779	.0037672	-.002018	.0038027	.0253879
Stddev	.0000291	.0000910	.20152	.0006671	.000235	.0008440	.0059094
%RSD	52.17238	361.4464	.2409492	17.70827	11.63815	22.19499	23.27653

#1	.0000507	-.000009	83.72999	.0044489	-.002220	.0030155	.0223704
#2	.0000296	-.000043	83.40665	.0037370	-.002074	.0036988	.0321968
#3	.0000872	.000128	83.77671	.0031157	-.001761	.0046939	.0215964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059764	20.71785	.0027022	.0003298	12.49887	.0041006	-.004866
Stddev	.0001974	.05840	.0005739	.0003770	.04050	.0026819	.003271
%RSD	3.302427	.2818616	21.23825	114.2920	.3240036	65.40163	67.21876

#1	.0057517	20.65826	.0032135	.0007644	12.45266	.0067359	-.007576
#2	.0061218	20.77498	.0028117	.0000916	12.51574	.0041914	-.005788
#3	.0060557	20.72032	.0020814	.0001334	12.52820	.0013745	-.001233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4438498	.0329762	.0770838	-.000521	14.20404	17.45978	-.004696
Stddev	.0390011	.0046755	.0007938	.000261	.02635	.05440	.002656
%RSD	8.787002	14.17853	1.029752	50.06084	.1855303	.3115611	56.56007

#1	.3992199	.0281979	.0762293	-.000303	14.22998	17.52177	-.005820
#2	.4609480	.0375417	.0777981	-.000810	14.20484	17.42004	-.006605
#3	.4713815	.0331891	.0772240	-.000449	14.17729	17.43751	-.001663

Sample Name: M4941-01 Acquired: 12/04/2021 14:04:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000203	.0147555	.3585444
Stddev	.001392	.0014374	.0002987
%RSD	685.2654	9.741331	.0833117

#1	.001260	.0142031	.3582006
#2	-.000359	.0163872	.3587405
#3	-.001511	.0136764	.3586921

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	964.9157	45324.93	8420.639	1119.142	1718.466
Stddev	1.4971	46.69	19.509	2.046	.425
%RSD	.1551559	.1030122	.2316849	.1828157	.0247309

#1	966.5909	45378.67	8401.689	1119.864	1718.081
#2	963.7084	45294.26	8440.664	1120.729	1718.922
#3	964.4479	45301.87	8419.565	1116.833	1718.396

Sample Name: M4941-03 Acquired: 12/04/2021 14:12:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005930	-.013494	.0016882	-.008275	-.003015	.0060947	.0090918
Stddev	.005321	.007199	.0012570	.002861	.002156	.0011120	.0001207
%RSD	89.74154	53.34914	74.46186	34.56875	71.52277	18.24560	1.327633

#1	-.010030	-.021745	.0028198	-.010220	-.000531	.0061699	.0091649
#2	.000084	-.010249	.0019095	-.004991	-.004106	.0049470	.0089525
#3	-.007843	-.008489	.0003351	-.009615	-.004408	.0071672	.0091581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	-.000085	30.79616	.0016004	-.001643	.0189492	.0049116
Stddev	.000117	.000182	.45370	.0004396	.000452	.0019801	.0029480
%RSD	90.63015	214.1804	1.473220	27.47176	27.49307	10.44949	60.02176

#1	-.000049	-.000262	30.54126	.0011815	-.002135	.0207368	.0080248
#2	-.000075	.000101	31.31998	.0020582	-.001548	.0168208	.0045473
#3	-.000264	-.000094	30.52724	.0015613	-.001246	.0192901	.0021626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003422	5.264235	.0001930	.0001055	13.04992	.0065592	.0832119
Stddev	.0005686	.073886	.0005621	.0002866	.19219	.0013487	.0023738
%RSD	166.1505	1.403542	291.2924	271.7484	1.472729	20.56189	2.852773

#1	-.000303	5.204731	.0004784	-.000175	12.83014	.0050098	.0808196
#2	.000771	5.346935	-.000455	.000398	13.18647	.0071982	.0832491
#3	.000558	5.241039	.000555	.000094	13.13314	.0074697	.0855669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.200839	.0280034	.0025988	.0882146	2.053091	11.35758	-.003168
Stddev	.059846	.0050248	.0014992	.0004109	.004867	.20873	.002741
%RSD	29.79789	17.94365	57.69025	.4658020	.2370712	1.837833	86.50043

#1	-.145034	.0249642	.0010045	.0883468	2.058129	11.22076	-.005616
#2	-.264038	.0338034	.0028116	.0877539	2.052730	11.59783	-.000207
#3	-.193446	.0252427	.0039803	.0885432	2.048415	11.25415	-.003682

Sample Name: M4941-03 Acquired: 12/04/2021 14:12:42 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001455	.0182329	.1825372
Stddev	.0005718	.0009512	.0004360
%RSD	393.0809	5.216714	.2388548

#1	-.000483	.0185300	.1822612
#2	.000284	.0190000	.1830399
#3	.000636	.0171686	.1823106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.1964	46077.62	8463.305	1135.622	1765.302
Stddev	3.0060	387.33	105.003	6.410	.924
%RSD	.3063647	.8406023	1.240686	.5644099	.0523158

#1	984.1336	45816.97	8502.375	1128.222	1765.503
#2	978.1259	46522.70	8344.367	1139.460	1764.295
#3	981.3297	45893.20	8543.171	1139.182	1766.109

Sample Name: M4941-02 Acquired: 12/04/2021 14:24:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011710	-.014509	.0007517	-.006681	-.002802	.0037937	.0086563
Stddev	.0046195	.006728	.0003236	.003567	.002590	.0033014	.0003690
%RSD	394.4933	46.37215	43.04714	53.39437	92.42318	87.02444	4.263137

#1	-.001303	-.007636	.0009082	-.004282	-.005673	.0069916	.0090404
#2	-.001685	-.021082	.0003796	-.010781	-.000641	.0039917	.0086239
#3	.006501	-.014808	.0009674	-.004981	-.002092	.0003977	.0083045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	-.000082	30.58584	.0015920	-.001155	.0188632	.0060828
Stddev	.000074	.000061	.28848	.0007464	.000468	.0027291	.0036748
%RSD	70.85910	74.78581	.9431691	46.88235	40.53929	14.46804	60.41285

#1	-.000169	-.000135	30.55461	.0007728	-.001648	.0219837	.0046090
#2	-.000122	-.000097	30.88866	.0017698	-.001103	.0169218	.0033737
#3	-.000024	-.000015	30.31425	.0022335	-.000715	.0176842	.0102657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001859	5.209177	-.000404	.0001159	12.92937	.0026968	.0794791
Stddev	.0004225	.073152	.000442	.0007362	.27619	.0038200	.0009724
%RSD	227.1989	1.404282	109.4986	635.0651	2.136111	141.6480	1.223415

#1	.0004197	5.190055	-.000385	.0004727	12.61490	.0020822	.0805454
#2	.0004398	5.289990	.000029	-.000731	13.13257	-.000779	.0786415
#3	-.000302	5.147486	-.000855	.000606	13.04063	.006787	.0792503

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.200964	.0292244	.0017210	.0868676	2.044600	11.39194	-.001365
Stddev	.003431	.0028321	.0009890	.0007934	.011630	.11849	.002429
%RSD	1.707177	9.691042	57.46726	.9133575	.5688336	1.040131	177.9272

#1	-.204924	.0291665	.0007473	.0869570	2.057677	11.33596	.000480
#2	-.199084	.0264216	.0016910	.0876126	2.035416	11.52805	-.004117
#3	-.198884	.0320850	.0027247	.0860333	2.040706	11.31181	-.000458

Sample Name: M4941-02 Acquired: 12/04/2021 14:24:56 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000631	.0158253	.1818333
Stddev	.000890	.0014190	.0003626
%RSD	140.9889	8.966513	.1994273

#1	.000012	.0152107	.1815380
#2	-.000258	.0174480	.1822381
#3	-.001646	.0148173	.1817239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	983.5096	46152.67	8429.509	1136.134	1771.496
Stddev	.6386	191.62	71.469	1.073	2.822
%RSD	.0649311	.4151868	.8478392	.0944501	.1592814

#1	982.8463	45978.86	8450.575	1134.922	1769.673
#2	984.1202	46358.15	8349.875	1136.964	1774.747
#3	983.5623	46120.99	8488.077	1136.516	1770.070

Sample Name: M4941-04 Acquired: 12/04/2021 14:29:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376448	.0342060	.0222040	.0841298	.1002348	1.901442	2.137506
Stddev	.0021106	.0029379	.0032130	.0053154	.0020384	.008901	.012486
%RSD	5.606743	8.588907	14.47057	6.318061	2.033625	.4681375	.5841504

#1	.0352962	.0316858	.0214047	.0797269	.1016746	1.898230	2.131530
#2	.0393828	.0374328	.0257412	.0826281	.0979024	1.894593	2.129130
#3	.0382554	.0334993	.0194660	.0900345	.1011275	1.911504	2.151857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496247	.0493085	30.57955	.2163766	.4798812	.2684297	.8679089
Stddev	.0002963	.0000278	.20052	.0004296	.0004993	.0009825	.0157325
%RSD	.5970804	.0564095	.6557239	.1985584	.1040477	.3660015	1.812687

#1	.0494446	.0492774	30.52592	.2160169	.4801734	.2678223	.8635118
#2	.0494627	.0493309	30.41130	.2168523	.4801657	.2695632	.8548427
#3	.0499666	.0493174	30.80143	.2162607	.4793047	.2679038	.8853720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5276951	5.174825	.4913627	.0429291	13.13419	.5388039	.5553102
Stddev	.0036646	.024673	.0006248	.0004300	.13521	.0022324	.0127488
%RSD	.6944622	.4767839	.1271546	1.001605	1.029446	.4143283	2.295790

#1	.5276792	5.167539	.4914610	.0429421	13.07706	.5392023	.5564604
#2	.5240385	5.154615	.4919325	.0433525	13.03691	.5408103	.5674449
#3	.5313677	5.202319	.4906945	.0424928	13.28858	.5363991	.5420254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.149313	.0292435	.0029991	.0862646	2.029444	11.38951	-.003416
Stddev	.041687	.0022448	.0014929	.0005241	.015507	.10384	.001582
%RSD	27.91903	7.676275	49.77837	.6075654	.7640770	.9117466	46.31348

#1	-.111078	.0318061	.0041869	.0868691	2.015794	11.29598	-.003678
#2	-.193756	.0282998	.0013233	.0859880	2.046304	11.37131	-.001720
#3	-.143106	.0276246	.0034871	.0859367	2.026233	11.50126	-.004852

Sample Name: M4941-04 Acquired: 12/04/2021 14:29:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001857	.0176073	.1805069
Stddev	.000712	.0013693	.0005385
%RSD	38.36512	7.776792	.2983272

#1	-.001041	.0172262	.1809715
#2	-.002355	.0164689	.1806327
#3	-.002175	.0191268	.1799167

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	979.9706	46039.58	8425.894	1135.074	1760.403
Stddev	2.0999	123.19	69.077	4.021	2.263
%RSD	.2142826	.2675711	.8198153	.3542480	.1285679

#1	978.6730	45940.10	8448.443	1132.969	1758.185
#2	982.3934	46001.27	8480.879	1132.543	1762.709
#3	978.8456	46177.37	8348.361	1139.710	1760.315

Sample Name: M4941-02LX5 Acquired: 12/04/2021 14:33:07 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JDGG5L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019050	-.006895	.0007567	-.003504	.0005229	.0082319	.0013346
Stddev	.0071472	.005587	.0017543	.002390	.0031948	.0043084	.0000717
%RSD	375.1865	81.02657	231.8336	68.18583	610.9476	52.33811	5.374151

#1	-.005400	-.013321	.0027079	-.005321	.0036787	.0129538	.0013960
#2	.002233	-.003182	-.000690	-.004395	.0005996	.0045142	.0013520
#3	.008883	-.004184	.000253	-.000798	-.002710	.0072279	.0012558

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000155	-.000004	6.101548	.0002494	-.000629	.0055261	.0010906
Stddev	.000106	.000067	.019545	.0002927	.000120	.0019067	.0098648
%RSD	68.36784	1679.155	.3203289	117.3577	19.06626	34.50261	904.5009

#1	-.000202	.000017	6.105581	.0003214	-.000512	.0038809	.0053807
#2	-.000228	.000050	6.118763	.0004995	-.000624	.0050817	-.010193
#3	-.000033	-.000079	6.080302	-.000073	-.000752	.0076158	.008084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000454	1.016251	.0008387	.0001049	2.160487	.0037574	.0148315
Stddev	.000282	.014394	.0003255	.0003474	.211942	.0022096	.0021970
%RSD	62.17548	1.416408	38.80479	331.2221	9.809896	58.80739	14.81327

#1	-.000772	1.024672	.0005685	-.000295	2.073946	.0020310	.0122949
#2	-.000232	1.024450	.0007477	.000327	2.005511	.0029936	.0161303
#3	-.000358	.999631	.0012001	.000283	2.402006	.0062476	.0160694

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093006	.0046139	-.000535	.0163834	.4179476	2.326642	-.001925
Stddev	.040139	.0053240	.001545	.0001262	.0052560	.008884	.001545
%RSD	43.15746	115.3896	289.0864	.7701320	1.257585	.3818197	80.25699

#1	-.139201	-.000701	-.000637	.0163386	.4142040	2.325726	-.000182
#2	-.073180	.009947	.001060	.0165259	.4156823	2.335949	-.002468
#3	-.066638	.004595	-.002026	.0162857	.4239564	2.318253	-.003125

Sample Name: M4941-02LX5 Acquired: 12/04/2021 14:33:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008222	.0019866	.0361553
Stddev	.0020242	.0008723	.0001490
%RSD	246.2034	43.90791	.4120164

#1	-.000867	.0022826	.0360155
#2	.000268	.0010049	.0361384
#3	.003066	.0026724	.0363120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	982.3665	45859.97	8322.858	1131.837	1761.225
Stddev	.5967	191.78	36.854	2.574	1.326
%RSD	.0607451	.4181758	.4428030	.2274211	.0752886

#1	981.9083	45810.79	8323.475	1129.599	1762.130
#2	982.1498	46071.55	8285.700	1134.650	1759.703
#3	983.0413	45697.58	8359.400	1131.263	1761.843

Sample Name: M4941-02A Acquired: 12/04/2021 14:45:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011177	.0467506	.0022273	-.004270	-.000625	.0046680	.0083955
Stddev	.0126750	.0029005	.0019930	.007862	.001689	.0103779	.0004496
%RSD	1134.026	6.204127	89.47951	184.1203	269.9746	222.3202	5.355440

#1	-.005551	.0497780	.0040421	.002456	-.001185	.0164496	.0081673
#2	.015735	.0439964	.0025455	-.012913	-.001963	-.003119	.0081057
#3	-.006831	.0464774	.0000944	-.002353	.001272	.000673	.0089134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	-.000098	30.56181	.0010126	-.001161	.0159663	.0060858
Stddev	.000080	.000126	.15408	.0005129	.001024	.0026140	.0024184
%RSD	64.83942	128.8201	.5041625	50.64839	88.19065	16.37230	39.73762

#1	-.000031	-.000157	30.38520	.0015799	-.002038	.0170448	.0039321
#2	-.000173	.000047	30.63142	.0008759	-.001410	.0129855	.0056232
#3	-.000167	-.000184	30.66880	.0005819	-.000036	.0178685	.0087020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000939	5.168139	-.000024	-.000003	12.72692	.0053749	.0785111
Stddev	.0001900	.047995	.000473	.000428	.09544	.0023182	.0012746
%RSD	202.3678	.9286688	1992.311	15484.94	.7499404	43.13044	1.623506

#1	.0000676	5.113093	.000053	.000367	12.81335	.0080517	.0796940
#2	.0002956	5.201231	.000406	.000096	12.74293	.0040233	.0786781
#3	-.000082	5.190092	-.000530	-.000472	12.62448	.0040496	.0771612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.109420	.0303749	.0023653	.0873851	2.029049	11.22000	-.001970
Stddev	.021140	.0037157	.0010976	.0003818	.012814	.05609	.003018
%RSD	19.32039	12.23265	46.40464	.4369766	.6315145	.4998695	153.2037

#1	-.107850	.0295622	.0011186	.0875849	2.026299	11.24380	-.000489
#2	-.089109	.0271329	.0031861	.0876256	2.043015	11.26026	.000022
#3	-.131302	.0344297	.0027914	.0869448	2.017834	11.15594	-.005442

Sample Name: M4941-02A Acquired: 12/04/2021 14:45:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JDGG5A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000488	.0168976	.1809994
Stddev	.000486	.0007164	.0005551
%RSD	99.62397	4.239600	.3066928

#1	-.000881	.0167467	.1804410
#2	.000056	.0162687	.1815511
#3	-.000638	.0176774	.1810060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	976.6722	45730.98	8448.931	1124.945	1760.626
Stddev	.9993	145.48	8.660	8.225	1.156
%RSD	.1023128	.3181245	.1025010	.7311314	.0656759

#1	976.0542	45717.47	8440.993	1125.224	1760.618
#2	976.1374	45882.75	8458.167	1133.026	1761.785
#3	977.8251	45592.73	8447.632	1116.583	1759.473

Sample Name: CCV086 Acquired: 12/04/2021 14:49:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.078973	4.944200	24.41222	4.986958	5.036877	410.6362	10.70117
Stddev	.014264	.019786	.02000	.015131	.010957	1.0342	.04015
%RSD	.2808535	.4001798	.0819448	.3034125	.2175282	.2518645	.3752058

#1	5.063168	4.962311	24.39370	4.999300	5.036367	411.7742	10.74753
#2	5.082857	4.923084	24.40952	4.970077	5.048080	410.3810	10.67800
#3	5.090893	4.947207	24.43343	4.991497	5.026185	409.7535	10.67798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5086917	2.476815	427.5774	15.23944	2.501074	15.34596	423.8387
Stddev	.0018222	.003912	1.1375	.09545	.003946	.00296	.7812
%RSD	.3582183	.1579336	.2660222	.6263364	.1577849	.0193086	.1843187

#1	.5098445	2.478592	428.8510	15.30565	2.498000	15.34679	424.7370
#2	.5065909	2.472330	426.6627	15.28265	2.505524	15.34267	423.3179
#3	.5096397	2.479523	427.2185	15.13003	2.499698	15.34842	423.4613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.65322	410.3277	2.502417	1.278245	404.3119	2.604006	15.44363
Stddev	.03807	.4034	.005574	.008772	.6782	.018602	.13373
%RSD	.2431855	.0983078	.2227413	.6862156	.1677332	.7143763	.8659430

#1	15.69418	410.7713	2.506921	1.279807	405.0829	2.617152	15.52118
#2	15.61893	409.9830	2.504147	1.286130	404.0450	2.612145	15.52049
#3	15.64654	410.2287	2.496184	1.268797	403.8079	2.582721	15.28921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.2812	5.127252	5.169716	4.994651	5.116215	5.044254	5.040722
Stddev	.1523	.026111	.019370	.010607	.015431	.013887	.012083
%RSD	.0968349	.5092571	.3746753	.2123685	.3016184	.2752989	.2397031

#1	157.1066	5.135829	5.181595	5.004535	5.101821	5.041627	5.034320
#2	157.3499	5.097931	5.147365	4.995974	5.132508	5.031868	5.033188
#3	157.3870	5.147995	5.180190	4.983445	5.114315	5.059267	5.054659

Sample Name: CCV086 Acquired: 12/04/2021 14:49:54 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV086 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.144932	5.472186	4.850598
Stddev	.014247	.019491	.010758
%RSD	.2769222	.3561823	.2217882

#1	5.159674	5.494676	4.848881
#2	5.143885	5.461678	4.840802
#3	5.131237	5.460203	4.862111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	826.3002	39877.88	7836.177	962.9939	1355.788
Stddev	1.8658	227.49	15.542	9.4481	2.837
%RSD	.2258065	.5704554	.1983333	.9811205	.2092642

#1	824.1670	39783.95	7835.200	954.0496	1352.896
#2	827.1050	39712.40	7852.184	962.0562	1358.567
#3	827.6285	40137.29	7821.147	972.8759	1355.901

Sample Name: CCB086 Acquired: 12/04/2021 14:53:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005139	-.009213	-.000282	-.007390	-.000075	.0003273	-.000154
Stddev	.008494	.001768	.003103	.002068	.002207	.0080982	.000290
%RSD	165.2643	19.18719	1100.104	27.98505	2925.849	2474.271	188.3603

#1	-.004994	-.010623	.000767	-.005226	-.000432	-.003079	-.000209
#2	-.013705	-.009786	-.003774	-.007598	.002288	-.005511	.000159
#3	.003280	-.007230	.002161	-.009346	-.002082	.009572	-.000412

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000083	.0001594	.0267131	.0006868	.0005028	.0013437	.0033077
Stddev	.000079	.0000691	.0072284	.0002338	.0004604	.0029182	.0026772
%RSD	95.36383	43.33071	27.05952	34.03994	91.54939	217.1730	80.93920

#1	-.000149	.0001884	.0346453	.0009501	.0008416	.0009739	.0020276
#2	.000005	.0002093	.0204975	.0005035	-.000021	-.001372	.0063846
#3	-.000105	.0000806	.0249964	.0006067	.000688	.004429	.0015108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000325	-.038345	.0006107	.0001331	-.154984	.0022574	-.004789
Stddev	.000279	.030004	.0006171	.0003805	.165397	.0010311	.002991
%RSD	85.85011	78.24952	101.0522	286.0176	106.7183	45.67486	62.44647

#1	-.000312	-.034854	-.000085	.0002282	-.116332	.0027180	-.001729
#2	-.000609	-.010238	.000827	-.000286	-.336284	.0029780	-.004933
#3	-.000052	-.069942	.001091	.000457	-.012336	.0010763	-.007705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054948	.0009617	.0075585	.0001369	-.002231	-.000238	-.002216
Stddev	.022445	.0041284	.0002217	.0004014	.006016	.001161	.003312
%RSD	40.84761	429.3025	2.933072	293.1454	269.6808	486.6608	149.4575

#1	-.062207	.0045059	.0077822	-.000235	-.003921	-.000360	-.004241
#2	-.072864	-.003571	.0073389	.000084	.004449	.000978	.001606
#3	-.029772	.001951	.0075544	.000562	-.007221	-.001334	-.004013

Sample Name: CCB086 Acquired: 12/04/2021 14:53:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v58) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000787	-.000928	-.000005
Stddev	.000959	.000980	.000092
%RSD	121.8062	105.5391	1992.378

#1	.000319	-.000008	.000013
#2	-.001375	-.000818	-.000104
#3	-.001307	-.001959	.000078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.3700	45836.49	8260.358	1140.213	1748.155
Stddev	3.8155	19.91	35.613	3.179	2.994
%RSD	.3887902	.0434389	.4311330	.2787956	.1712882

#1	983.2580	45813.60	8295.400	1137.739	1749.888
#2	976.9786	45849.81	8224.200	1143.799	1744.697
#3	983.8734	45846.05	8261.475	1139.102	1749.880