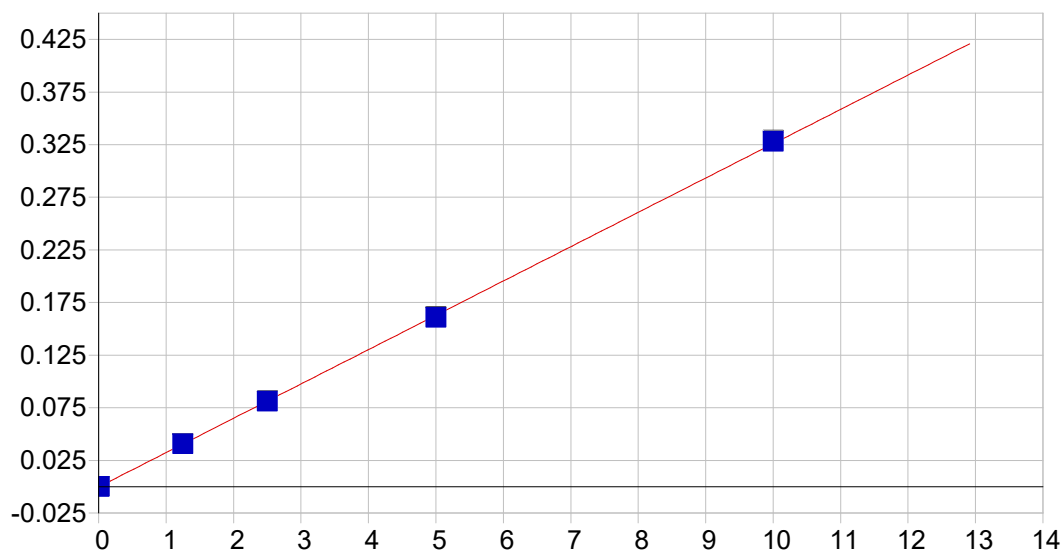




As 189.042 {479}

Date of Fit: 10/08/2021 17:28:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000246

Re-Slope: 1.000000

A1 (Gain): 0.032617

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999965

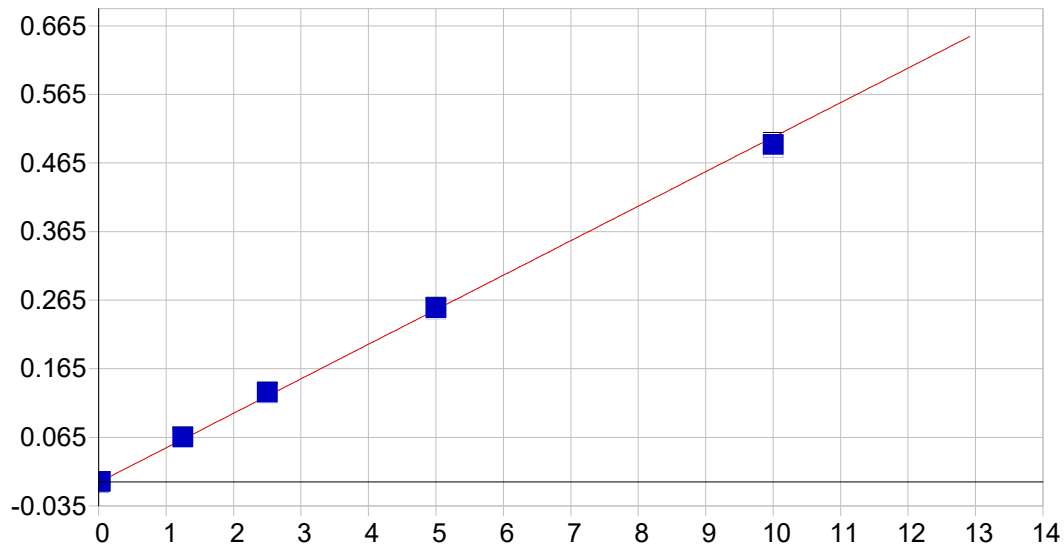
Status: OK.

Std Error of Est: 0.000005

Predicted MDL: 0.006973

Predicted MQL: 0.023242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.01000	.01125	.001	12.5	.00012	.000	1
S2	1.2500	1.2514	.001	.116	.04068	.000	1
S3	2.5000	2.4986	-.001	-.058	.08146	.000	1
S4	5.0000	4.9378	-.062	-1.24	.16124	.000	1
S5	10.000	10.061	.061	.610	.32877	.001	1

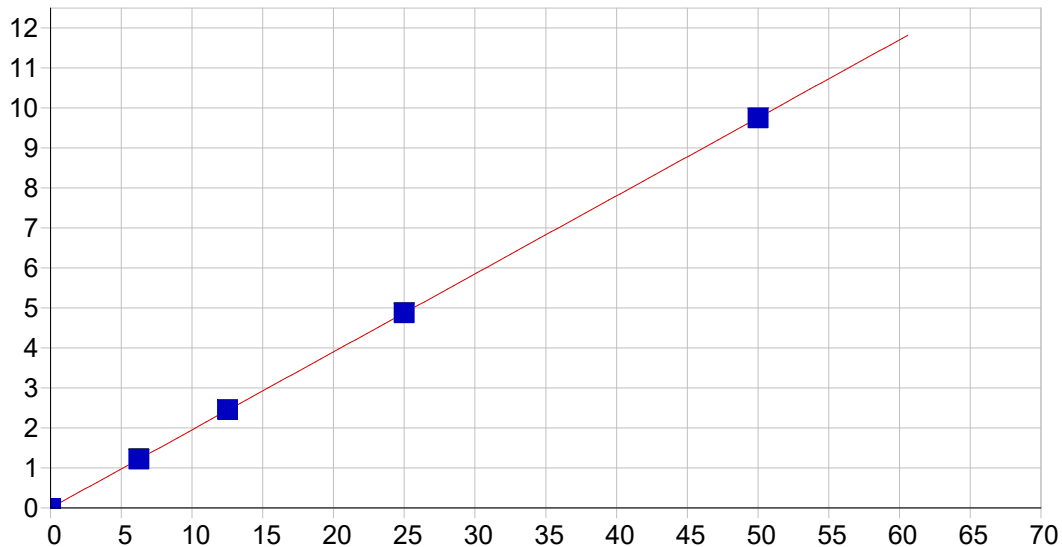


TI 190.856 {477}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000690 Re-Slope: 1.000000
 A1 (Gain): 0.050332 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999649 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.004526
 Predicted MQL: 0.015086

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00069	.000	1
S1	.02500	.02526	.000	1.05	.00052	.000	1
S2	1.2500	1.3112	.061	4.90	.06473	.000	1
S3	2.5000	2.6062	.106	4.25	.12934	.001	1
S4	5.0000	5.0533	.053	1.07	.25136	.001	1
S5	10.000	9.7791	-.221	-2.21	.48693	.004	1

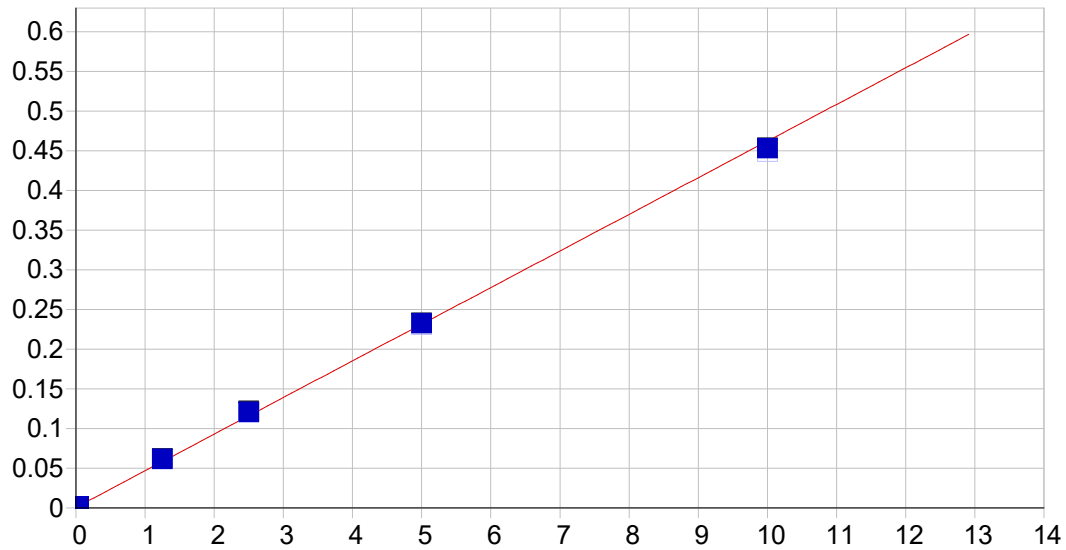


Pb 220.353 {453}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000838	Re-Slope:	1.000000
A1 (Gain):	0.195070	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.002415		
Predicted MQL:	0.008050		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00084	.000	1
S1	.01000	.01084	.001	8.45	.00296	.000	1
S2	6.2500	6.2358	-.014	-.226	1.2180	.003	1
S3	12.500	12.577	.077	.618	2.4557	.003	1
S4	25.000	24.961	-.039	-.154	4.8729	.014	1
S5	50.000	49.975	-.025	-.051	9.7550	.008	1

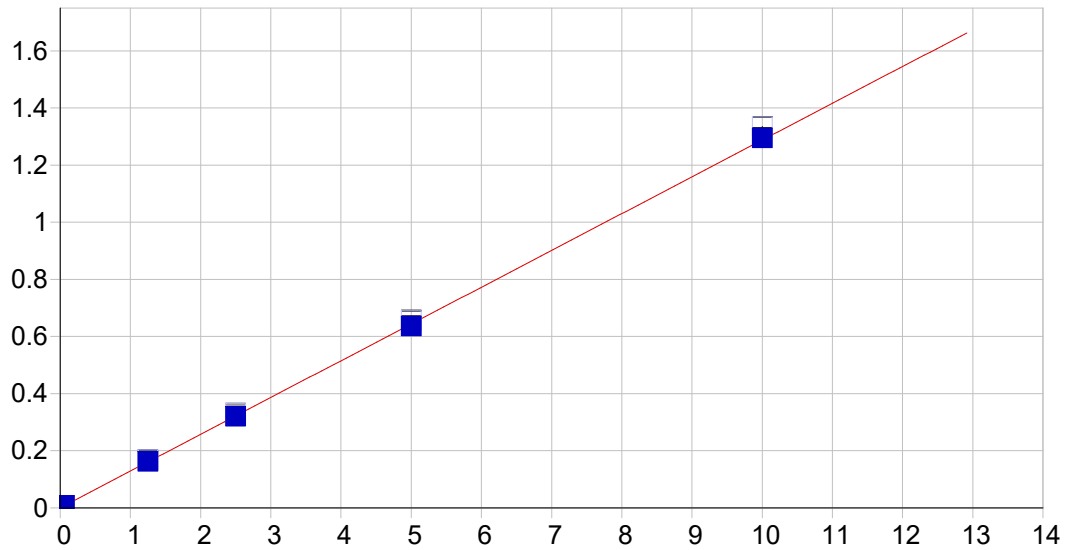


Se 196.090 {472}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000700 Re-Slope: 1.000000
 A1 (Gain): 0.046163 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999652 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.005920
 Predicted MQL: 0.019735

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00070	.000	1
S1	.03500	.03188	-.003	-8.93	.00217	.000	1
S2	1.2500	1.3204	.070	5.63	.06112	.000	1
S3	2.5000	2.6064	.106	4.25	.11994	.001	1
S4	5.0000	5.0252	.025	.504	.23052	.001	1
S5	10.000	9.8012	-.199	-1.99	.44884	.001	1

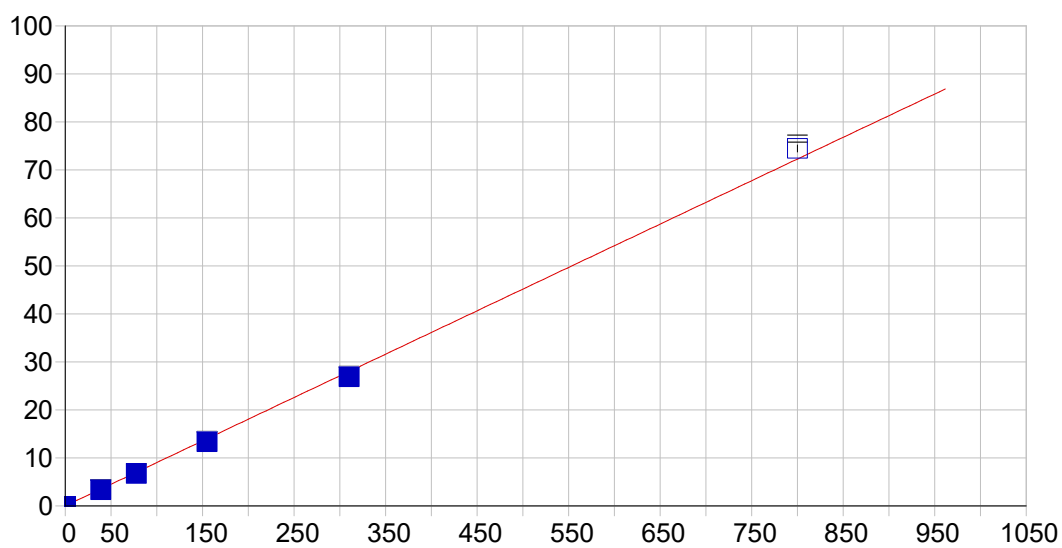


Sb 206.833 {463}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000170	Re-Slope:	1.000000
A1 (Gain):	0.128760	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999960	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.002694		
Predicted MQL:	0.008980		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.06000	.06443	.004	7.39	.00847	.000	1
S2	1.2500	1.2624	.012	.990	.16763	.000	1
S3	2.5000	2.4898	-.010	-.407	.33059	.001	1
S4	5.0000	4.9371	-.063	-1.26	.65553	.002	1
S5	10.000	10.056	.056	.564	1.3343	.001	1

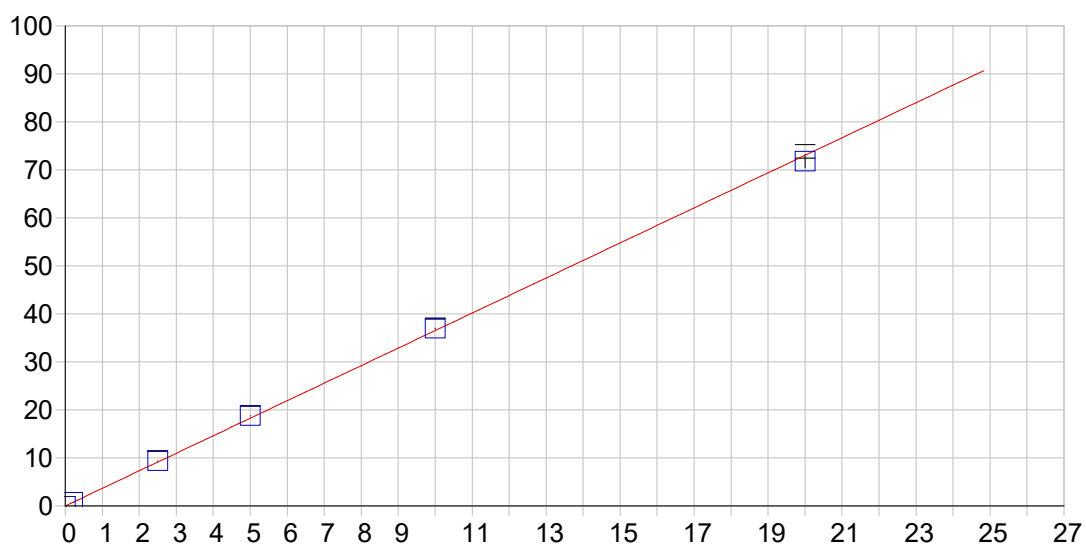


AI 396.152 { 85}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002903 Re-Slope: 1.000000
 A1 (Gain): 0.090333 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999357 Status: OK.
 Std Error of Est: 0.002015
 Predicted MDL: 0.010536
 Predicted MQL: 0.035119

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00291	.001	1
S1	.20000	.20422	.004	2.11	.02138	.000	1
S2	38.750	37.147	-1.60	-4.14	3.3622	.006	1
S3	77.500	74.230	-3.27	-4.22	6.7157	.026	1
S4	155.00	147.93	-7.07	-4.56	13.381	.059	1
S5	310.00	297.49	-12.5	-4.03	26.906	.101	1
S6	800.00	824.47	24.5	3.06	74.480	.725	1

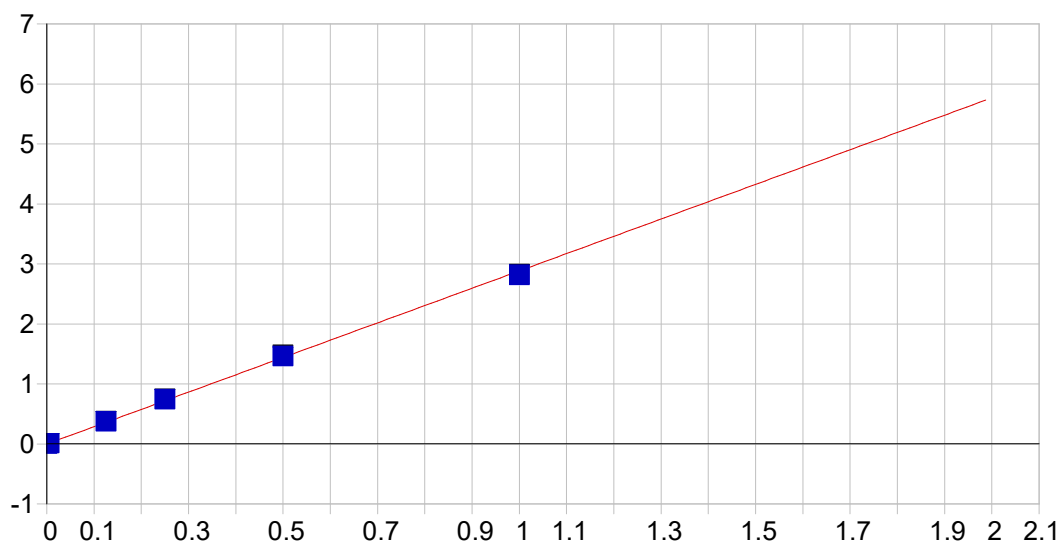


Ba 493.409 { 68}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.005214	Re-Slope:	1.000000
A1 (Gain):	3.652091	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999821	Status:	OK.
Std Error of Est:	0.007342		
Predicted MDL:	0.000811		
Predicted MQL:	0.002704		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00516	.003	1
S1	.20000	.20412	.004	2.06	.75069	.005	1
S2	2.5000	2.5695	.069	2.78	9.3892	.032	1
S3	5.0000	5.1442	.144	2.88	18.792	.033	1
S4	10.000	10.123	.123	1.23	36.975	.123	1
S5	20.000	19.659	-.341	-1.70	71.803	1.42	1

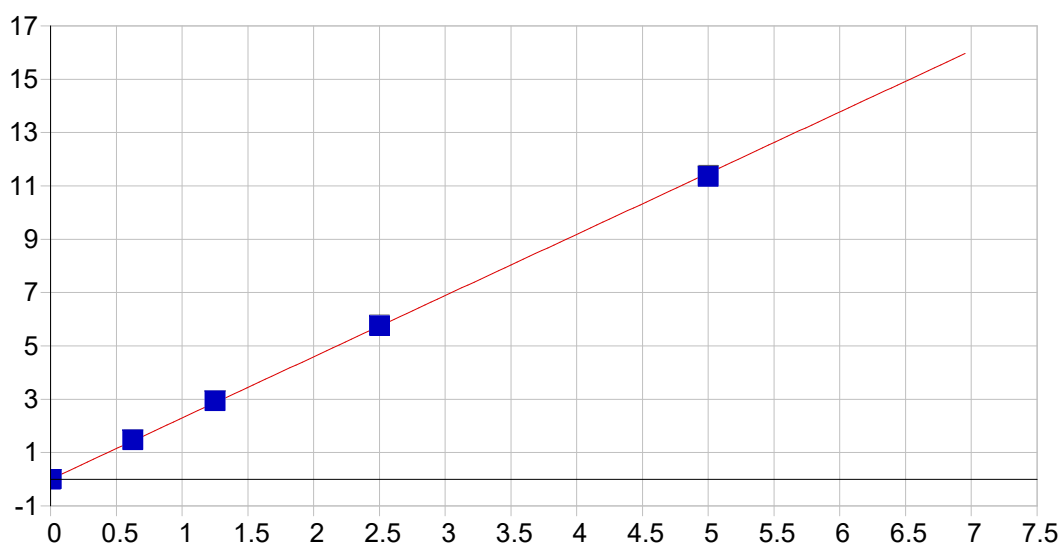


Be 234.861 {144}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002212	Re-Slope:	1.000000
A1 (Gain):	2.885025	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999654	Status:	OK.
Std Error of Est:	0.000284		
Predicted MDL:	0.000115		
Predicted MQL:	0.000385		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00221	.000	1
S1	.00500	.00558	.001	11.7	.01389	.000	1
S2	.12500	.13096	.006	4.77	.37469	.002	1
S3	.25000	.25864	.009	3.45	.74210	.004	1
S4	.50000	.50770	.008	1.54	1.4588	.019	1
S5	1.0000	.97712	-.023	-2.29	2.8094	.015	1

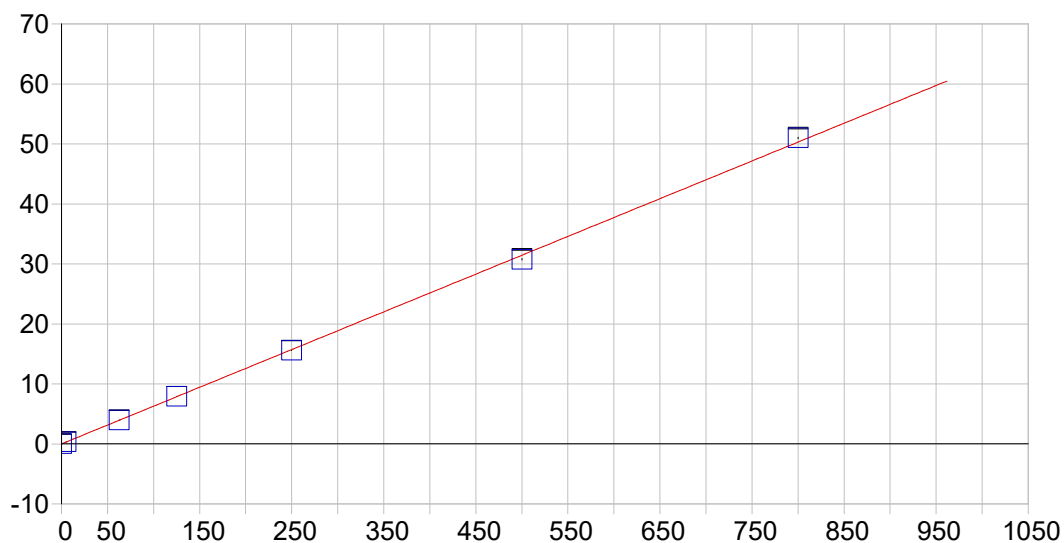


Cd 214.438 {457}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000116	Re-Slope:	1.000000
A1 (Gain):	2.295722	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000275		
Predicted MDL:	0.000143		
Predicted MQL:	0.000476		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.00500	.00533	.000	6.57	.01236	.000	1
S2	.62500	.64322	.018	2.92	1.4796	.003	1
S3	1.2500	1.2799	.030	2.39	2.9440	.010	1
S4	2.5000	2.5078	.008	.312	5.7686	.014	1
S5	5.0000	4.9438	-.056	-1.12	11.372	.018	1

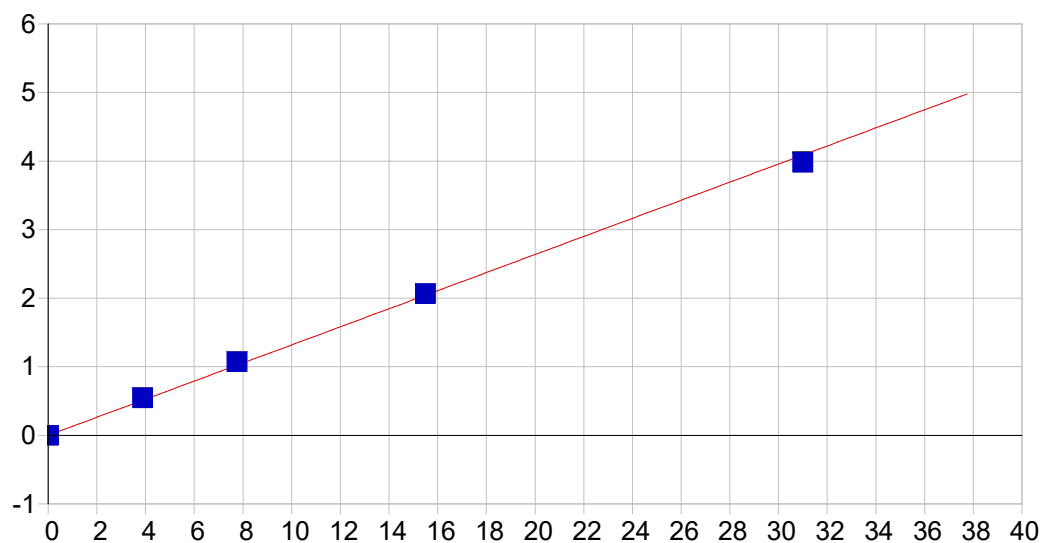


Ca 373.690 { 90}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000416 Re-Slope: 1.000000
 A1 (Gain): 0.062880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999875 Status: OK.
 Std Error of Est: 0.003470
 Predicted MDL: 0.014556
 Predicted MQL: 0.048521

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	-.000	.000	.00039	.001	1
S1	5.0000	5.3678	.368	7.36	.33794	.000	1
S2	62.500	63.247	.747	1.20	3.9774	.013	1
S3	125.00	125.69	.694	.556	7.9040	.009	1
S4	250.00	247.84	-2.16	-.862	15.585	.015	1
S5	500.00	489.36	-10.6	-2.13	30.771	.118	1
S6	800.00	810.98	11.0	1.37	50.995	.118	1

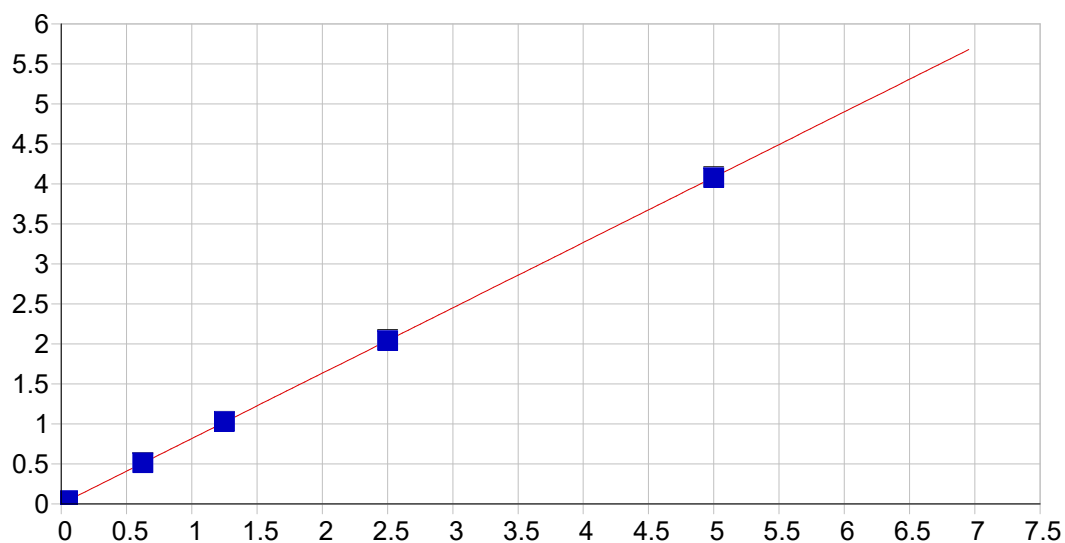


Cr 267.716 {126}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.131872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999482 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000740
 Predicted MQL: 0.002467

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01133	.001	13.3	.00151	.000	1
S2	3.8750	4.1455	.270	6.98	.54684	.000	1
S3	7.7500	8.1304	.380	4.91	1.0725	.002	1
S4	15.500	15.655	.155	1.00	2.0651	.003	1
S5	31.000	30.193	-.807	-2.60	3.9828	.006	1

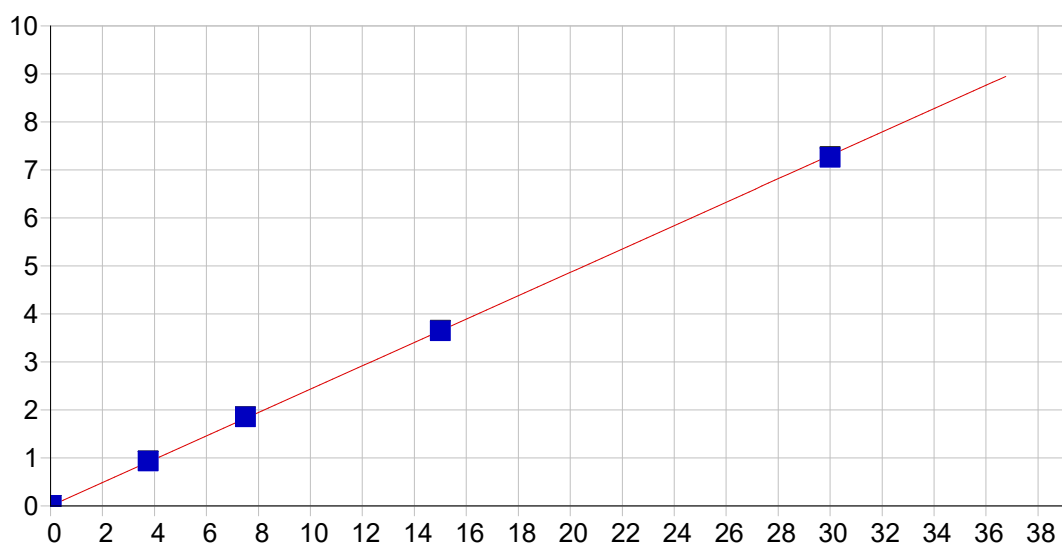


Co 228.616 {448}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000267 Re-Slope: 1.000000
 A1 (Gain): 0.816727 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.000401
 Predicted MQL: 0.001337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.05000	.05093	.001	1.86	.04200	.000	1
S2	.62500	.62700	.002	.320	.51312	.002	1
S3	1.2500	1.2574	.007	.591	1.0287	.003	1
S4	2.5000	2.4999	-.000	-.005	2.0451	.006	1
S5	5.0000	4.9898	-.010	-.204	4.0817	.007	1

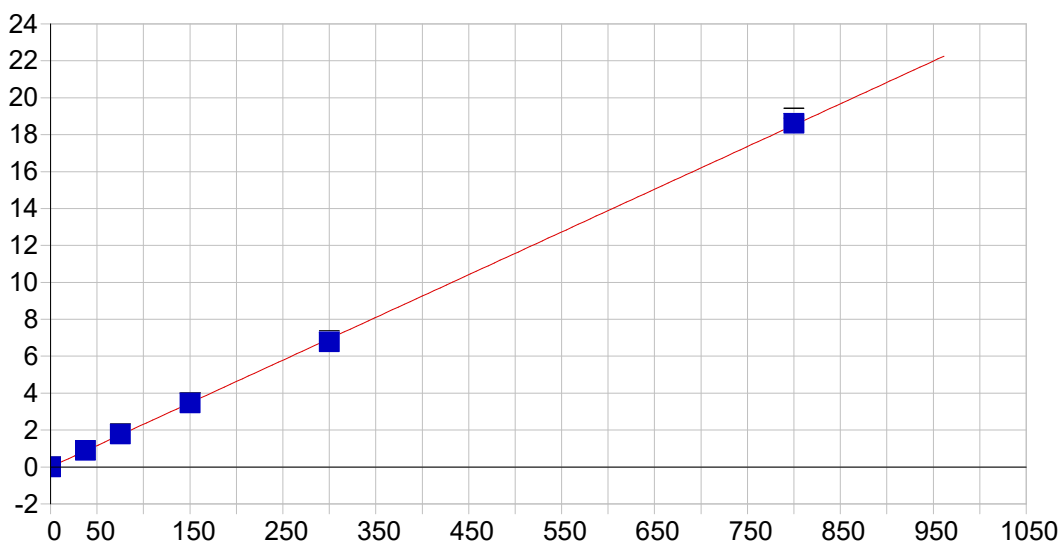


Cu 324.754 {104}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001709 Re-Slope: 1.000000
 A1 (Gain): 0.243303 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.002453
 Predicted MQL: 0.008176

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00171	.001	1
S1	.02500	.02591	.001	3.65	.00800	.000	1
S2	3.7500	3.8161	.066	1.76	.92894	.003	1
S3	7.5000	7.6051	.105	1.40	1.8496	.003	1
S4	15.000	14.984	-.016	-.109	3.6423	.013	1
S5	30.000	29.844	-.156	-.519	7.2530	.013	1

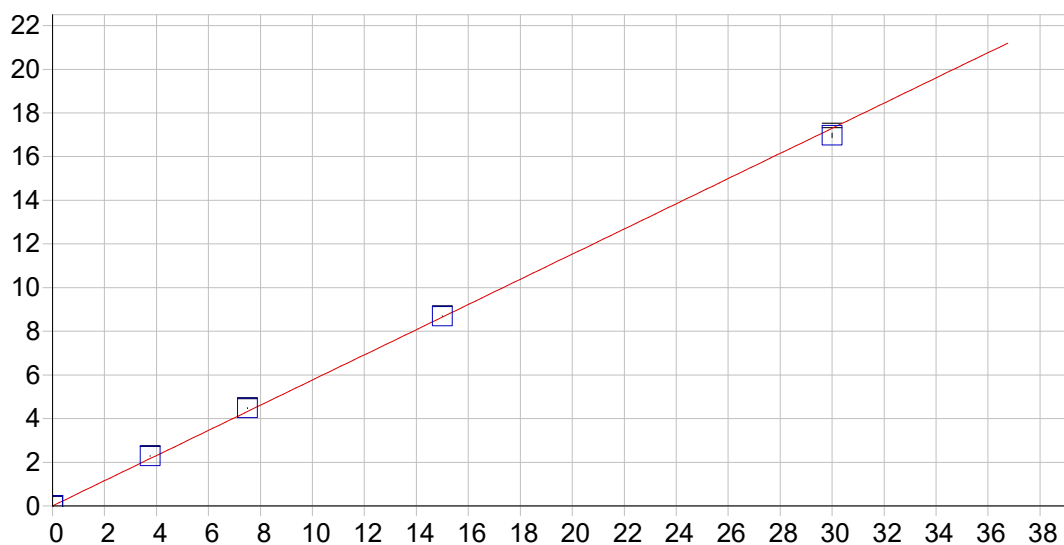


Fe 259.837 {130}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000038	Re-Slope:	1.000000
A1 (Gain):	0.023144	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999895	Status:	OK.
Std Error of Est:	0.000147		
Predicted MDL:	0.011233		
Predicted MQL:	0.037442		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00004	.000	1
S1	.10000	.11062	.011	10.6	.00261	.000	1
S2	37.500	38.807	1.31	3.48	.89921	.002	1
S3	75.000	76.876	1.88	2.50	1.7813	.017	1
S4	150.00	149.57	-.427	-.285	3.4659	.031	1
S5	300.00	292.88	-7.12	-2.37	6.7868	.051	1
S6	800.00	804.35	4.35	.544	18.629	.270	1

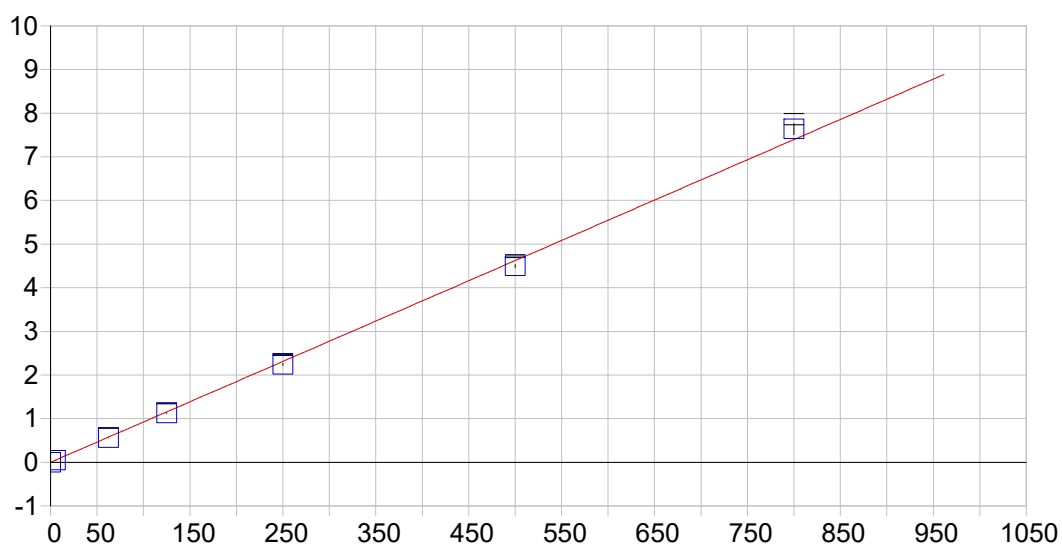


Mn 257.610 {131}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000319 Re-Slope: 1.000000
 A1 (Gain): 0.576630 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999713 Status: OK.
 Std Error of Est: 0.000491
 Predicted MDL: 0.000522
 Predicted MQL: 0.001739

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.01500	.01671	.002	11.4	.00995	.000	1
S2	3.7500	3.9567	.207	5.51	2.2819	.014	1
S3	7.5000	7.7714	.271	3.62	4.4815	.020	1
S4	15.000	15.081	.081	.539	8.6964	.015	1
S5	30.000	29.439	-.561	-1.87	16.976	.108	1

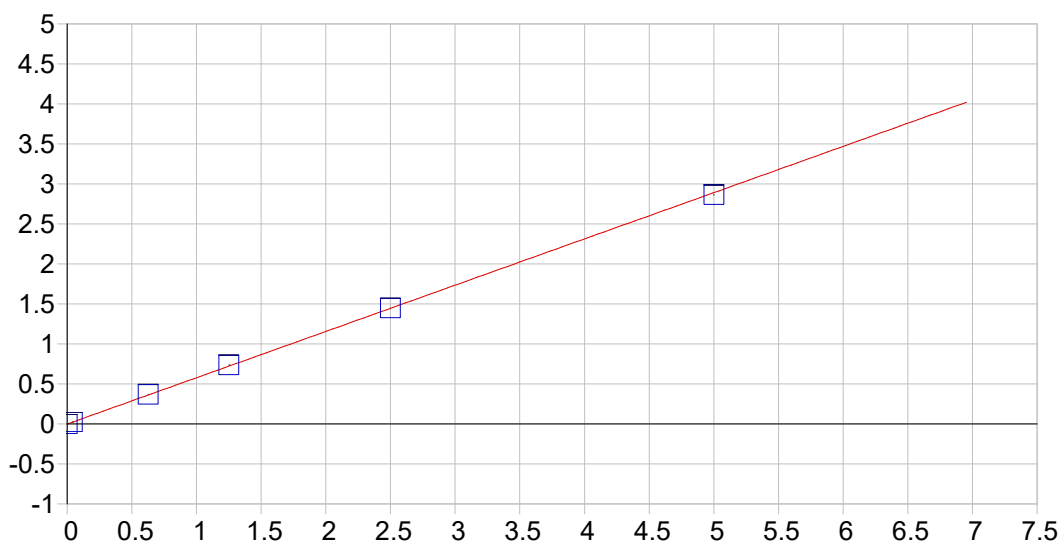


Mg 279.079 {121}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000228 Re-Slope: 1.000000
 A1 (Gain): 0.009244 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999543 Status: OK.
 Std Error of Est: 0.000976
 Predicted MDL: 0.033457
 Predicted MQL: 0.111525

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00045	.000	.000	-.00022	.000	1
S1	5.0000	4.9575	-.042	-.850	.04560	.001	1
S2	62.500	60.500	-2.00	-3.20	.55901	.003	1
S3	125.00	121.64	-3.36	-2.68	1.1242	.010	1
S4	250.00	242.65	-7.35	-2.94	2.2427	.022	1
S5	500.00	486.53	-13.5	-2.69	4.4970	.030	1
S6	800.00	826.22	26.2	3.28	7.6370	.127	1

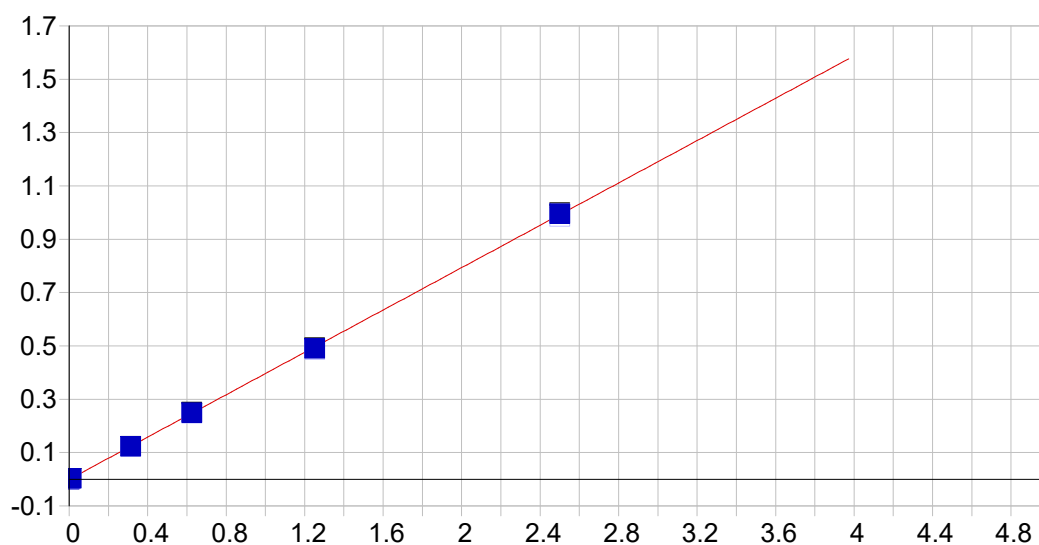


Ni 231.604 {446}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001575	Re-Slope:	1.000000
A1 (Gain):	0.578476	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000175		
Predicted MDL:	0.000648		
Predicted MQL:	0.002159		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00158	.000	1
S1	.04000	.04273	.003	6.82	.02314	.001	1
S2	.62500	.64093	.016	2.55	.36919	.001	1
S3	1.2500	1.2749	.025	2.00	.73595	.002	1
S4	2.5000	2.5027	.003	.107	1.4462	.003	1
S5	5.0000	4.9537	-.046	-.926	2.8640	.003	1

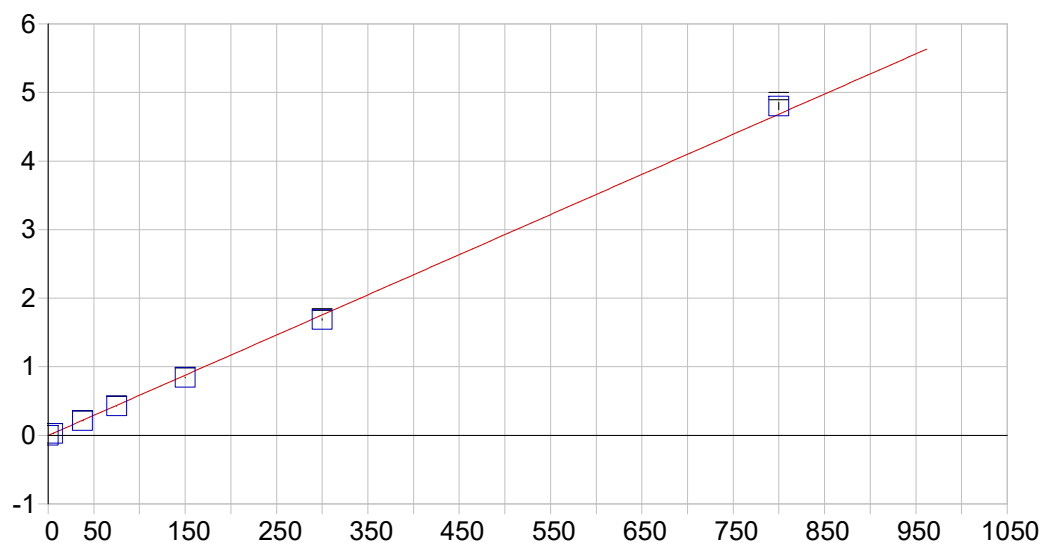


Ag 328.068 {103}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000680	Re-Slope:	1.000000
A1 (Gain):	0.397065	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.000483		
Predicted MQL:	0.001611		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00068	.000	1
S1	.01000	.01016	.000	1.60	.00333	.000	1
S2	.31250	.31248	-.000	-.006	.12207	.000	1
S3	.62500	.62991	.005	.785	.24679	.002	1
S4	1.2500	1.2369	-.013	-1.05	.48516	.002	1
S5	2.5000	2.5081	.008	.323	.98463	.004	1

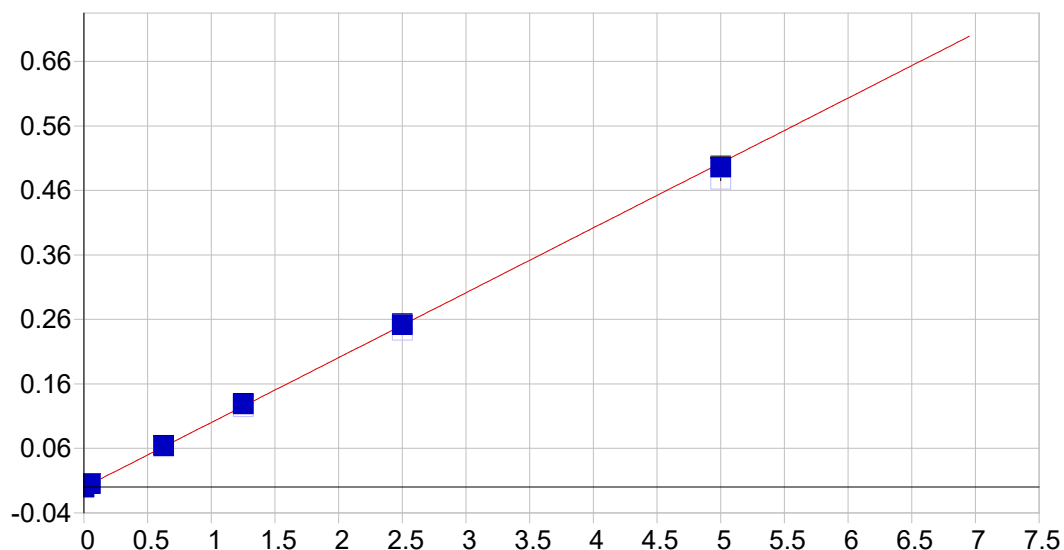


Na 818.326 { 41}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001094	Re-Slope:	1.000000
A1 (Gain):	0.005857	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999551	Status:	OK.
Std Error of Est:	0.000543		
Predicted MDL:	0.293409		
Predicted MQL:	0.978031		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00054	.001	.000	-.00109	.000	1
S1	5.0000	4.9779	-.022	-.443	.02806	.001	1
S2	37.500	36.541	-.959	-2.56	.21293	.001	1
S3	75.000	72.937	-2.06	-2.75	.42609	.001	1
S4	150.00	144.34	-5.66	-3.77	.84430	.004	1
S5	300.00	288.63	-11.4	-3.79	1.6894	.011	1
S6	800.00	820.07	20.1	2.51	4.8020	.052	1

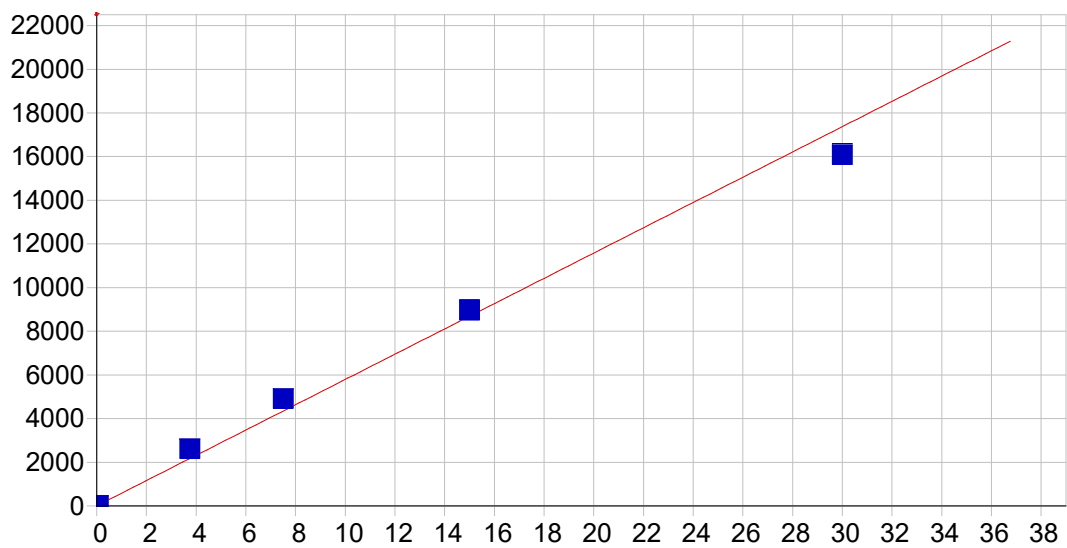


V 292.402 {115}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000456 Re-Slope: 1.000000
 A1 (Gain): 0.100613 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.003772
 Predicted MQL: 0.012574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00046	.000	1
S1	.05000	.05711	.007	14.2	.00528	.000	1
S2	.62500	.64417	.019	3.07	.06204	.000	1
S3	1.2500	1.2834	.033	2.67	.12404	.001	1
S4	2.5000	2.5088	.009	.353	.24271	.001	1
S5	5.0000	4.9312	-.069	-1.38	.47718	.002	1

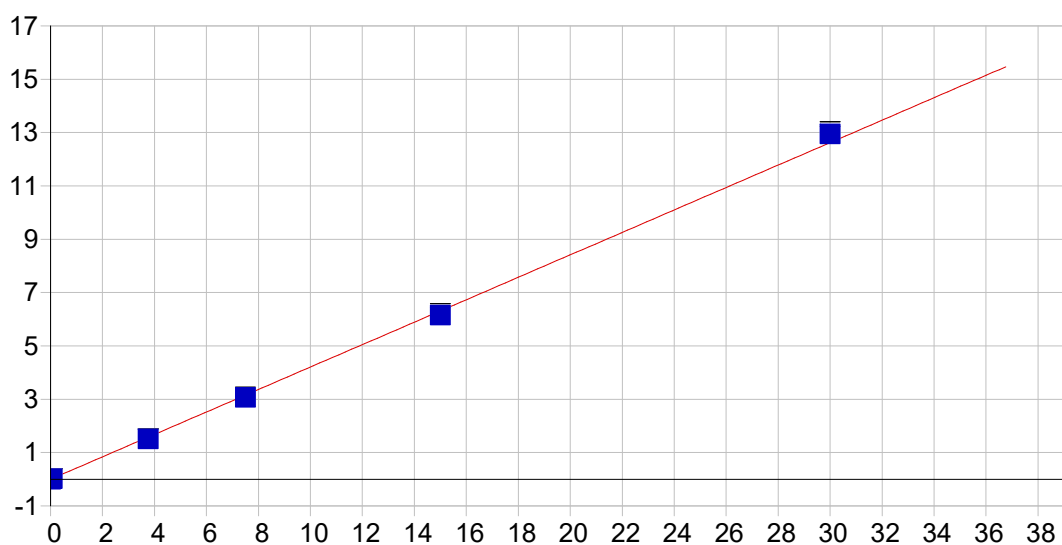


Zn 206.200 {464}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	1.276943	Re-Slope:	1.000000
A1 (Gain):	579.032589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.995874	Status:	OK.
Std Error of Est:	3.757159		
Predicted MDL:	0.000710		
Predicted MQL:	0.002368		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	1.2549	.016	1
S1	.06000	.08062	.021	34.4	48.066	.107	1
S2	3.7500	4.5164	.766	20.4	2618.1	2.89	1
S3	7.5000	8.4702	.970	12.9	4909.2	3.22	1
S4	15.000	15.465	.465	3.10	8962.9	20.0	1
S5	30.000	27.778	-2.22	-7.41	16099.	42.1	1

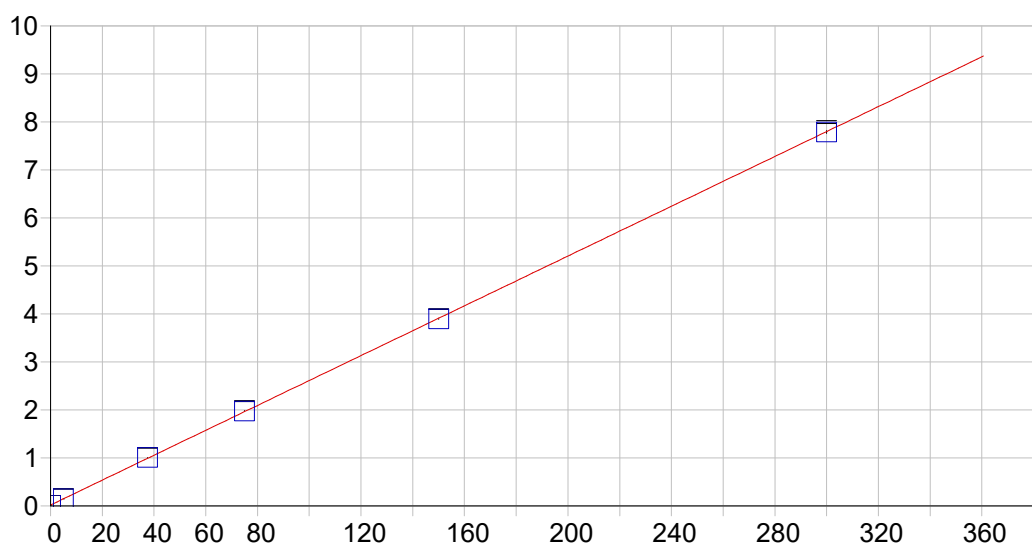


Zn 213.856 {158}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001127	Re-Slope:	1.000000
A1 (Gain):	0.420804	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999623	Status:	OK.
Std Error of Est:	0.000823		
Predicted MDL:	0.002700		
Predicted MQL:	0.009000		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00112	.002	1
S1	.06000	.05513	-.005	-8.11	.02215	.002	1
S2	3.7500	3.5957	-.154	-4.11	1.5132	.009	1
S3	7.5000	7.2854	-.215	-2.86	3.0671	.018	1
S4	15.000	14.609	-.391	-2.61	6.1513	.066	1
S5	30.000	30.765	.765	2.55	12.955	.082	1

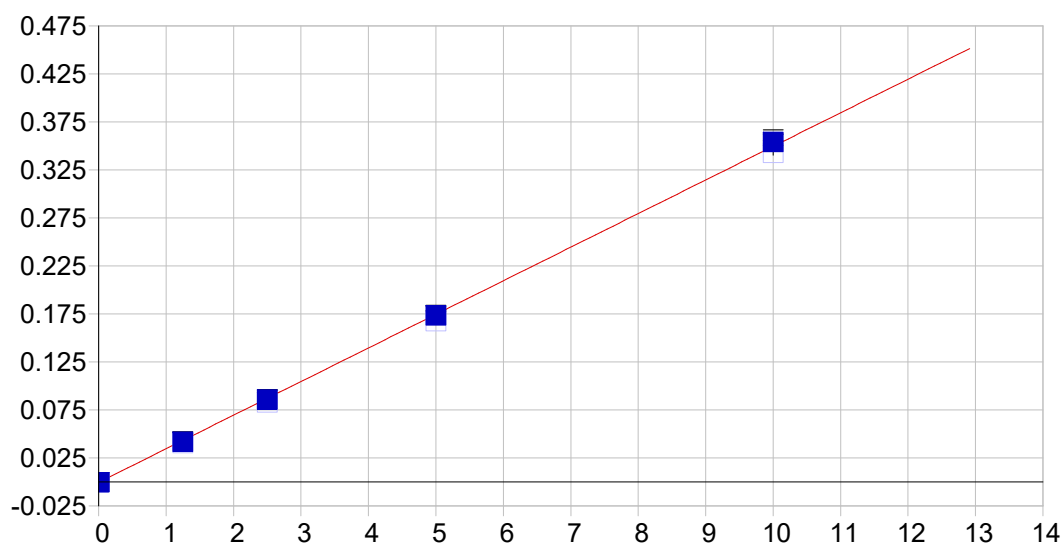


K 769.896 { 44 }

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.018636 Re-Slope: 1.000000
 A1 (Gain): 0.025936 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000267
 Predicted MDL: 0.066300
 Predicted MQL: 0.220999

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.01863	.000	1
S1	5.0000	4.9695	-.030	-.610	.14752	.001	1
S2	37.500	38.048	.548	1.46	1.0054	.003	1
S3	75.000	75.481	.481	.642	1.9763	.007	1
S4	150.00	149.42	-.575	-.384	3.8940	.009	1
S5	300.00	299.58	-.424	-.141	7.7883	.031	1

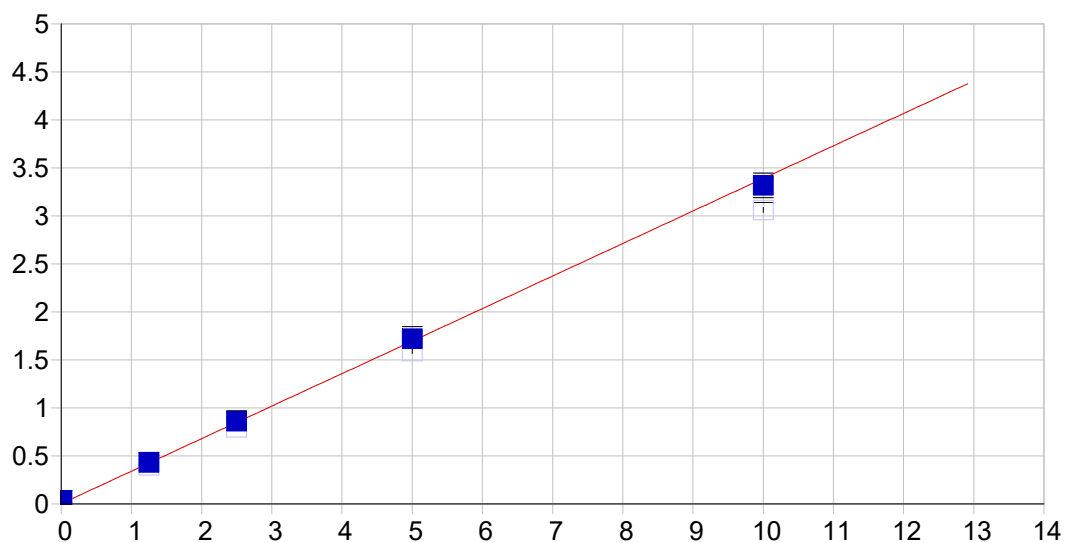


P 177.495 {490}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000468 Re-Slope: 1.000000
 A1 (Gain): 0.034999 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999785 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.005153
 Predicted MQL: 0.017178

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00047	.000	1
S1	.01000	.00442	-.006	-55.8	-.00032	.000	1
S2	1.2500	1.2044	-.046	-3.65	.04024	.000	1
S3	2.5000	2.4575	-.042	-1.70	.08265	.000	1
S4	5.0000	4.9614	-.039	-.771	.16739	.001	1
S5	10.000	10.132	.132	1.32	.34258	.002	1

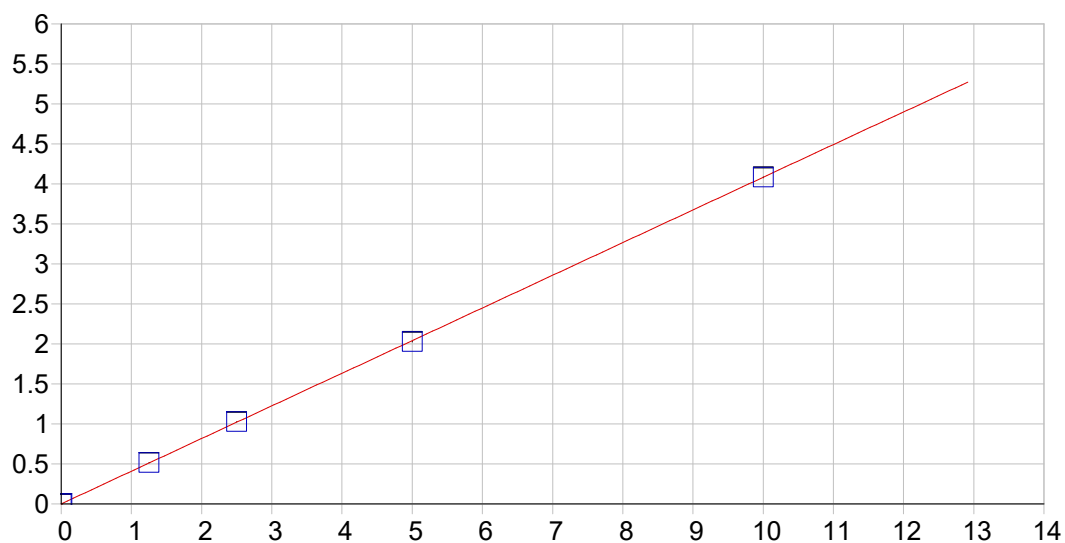


B 249.678 {135}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001967 Re-Slope: 1.000000
 A1 (Gain): 0.338809 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.975364 Status: OK.
 Std Error of Est: 0.001188
 Predicted MDL: 0.001259
 Predicted MQL: 0.004196

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00194	.001	1
S1	.01000	.10017	.090	902.	.03585	.000	1
S2	1.2500	1.2658	.016	1.26	.39882	.002	1
S3	2.5000	2.5354	.035	1.42	.79698	.007	1
S4	5.0000	5.0678	.068	1.36	1.5910	.024	1
S5	10.000	9.7850	-.215	-2.15	3.0612	.025	1

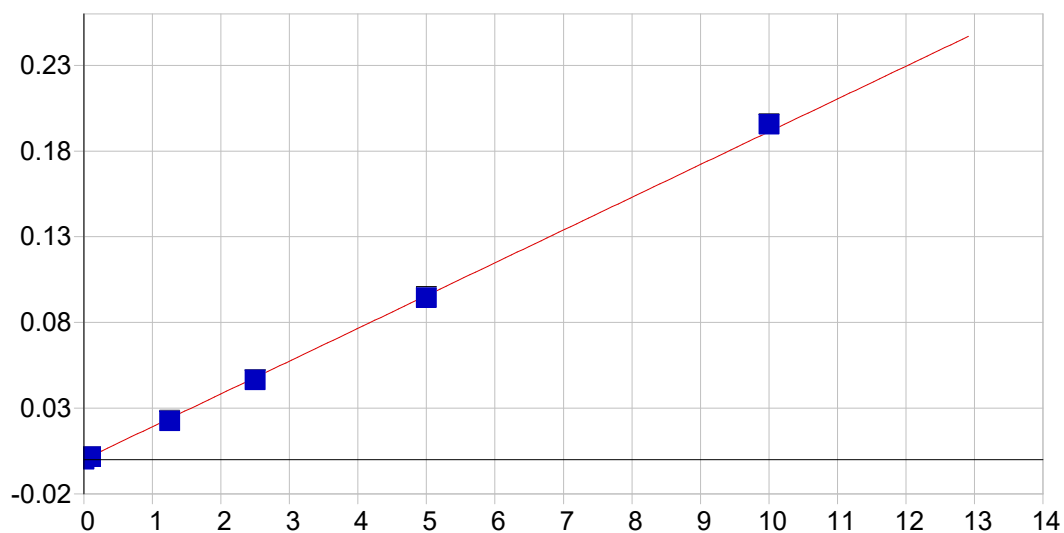


Mo 202.030 {467}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.408278 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.000654
 Predicted MQL: 0.002182

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.01000	.01120	.001	12.0	.00474	.000	1
S2	1.2500	1.2629	.013	1.03	.51578	.001	1
S3	2.5000	2.5144	.014	.577	1.0267	.001	1
S4	5.0000	4.9695	-.030	-.609	2.0291	.004	1
S5	10.000	10.002	.002	.020	4.0837	.006	1

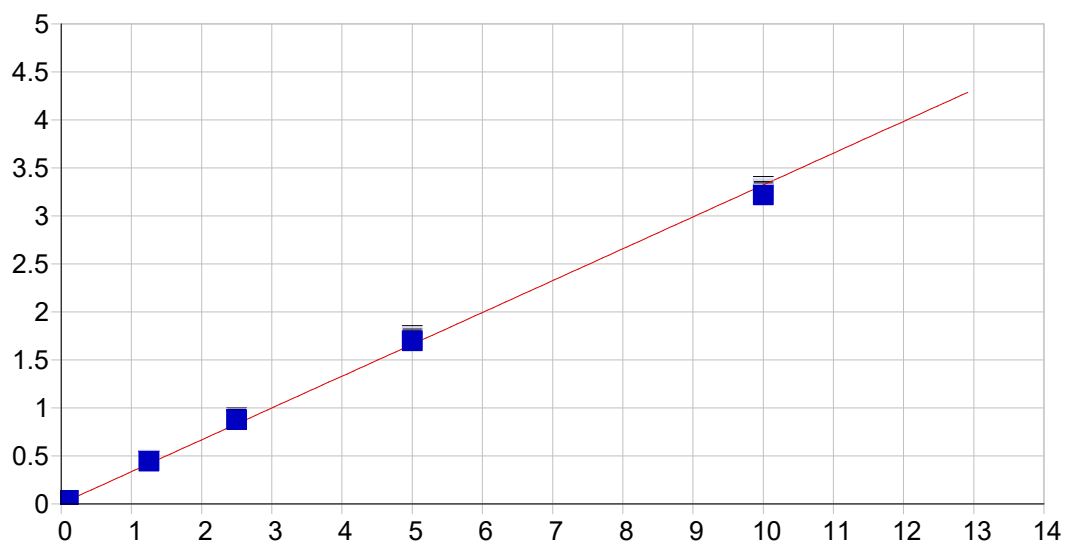


S 182.034 {485}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.019116 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999607 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.008670
 Predicted MQL: 0.028900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00009	.000	1
S1	.10000	.08493	-.015	-15.1	.00172	.000	1
S2	1.2500	1.1787	-.071	-5.70	.02262	.000	1
S3	2.5000	2.4212	-.079	-3.15	.04637	.000	1
S4	5.0000	4.9370	-.063	-1.26	.09446	.000	1
S5	10.000	10.228	.228	2.28	.19560	.000	1

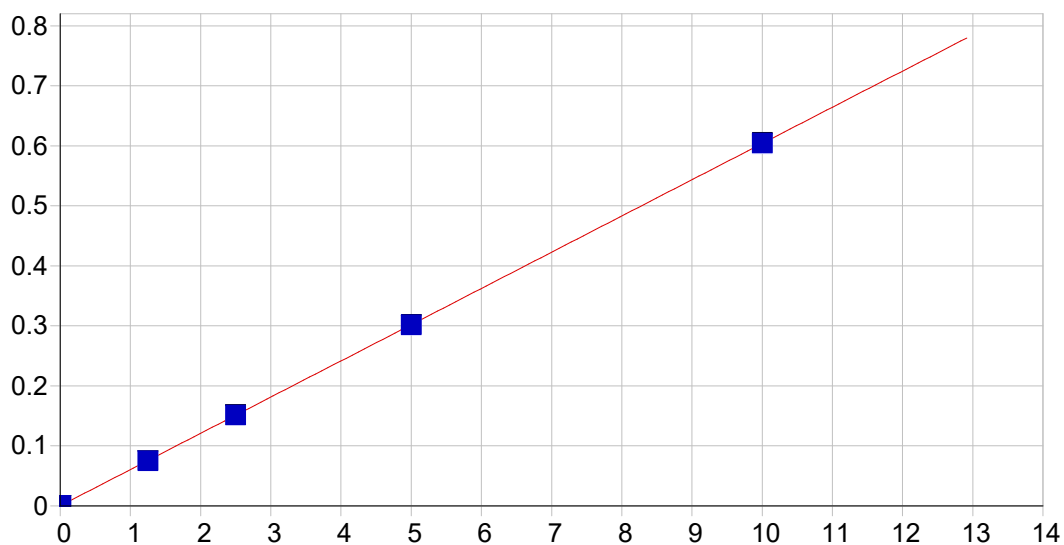


Si 251.611 {134}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003409 Re-Slope: 1.000000
 A1 (Gain): 0.331762 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999385 Status: OK.
 Std Error of Est: 0.000631
 Predicted MDL: 0.001341
 Predicted MQL: 0.004471

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00341	.000	1
S1	.10000	.10085	.001	.852	.03723	.001	1
S2	1.2500	1.3277	.078	6.22	.45197	.001	1
S3	2.5000	2.6325	.132	5.30	.89294	.005	1
S4	5.0000	5.1057	.106	2.11	1.7296	.022	1
S5	10.000	9.6833	-.317	-3.17	3.2807	.025	1

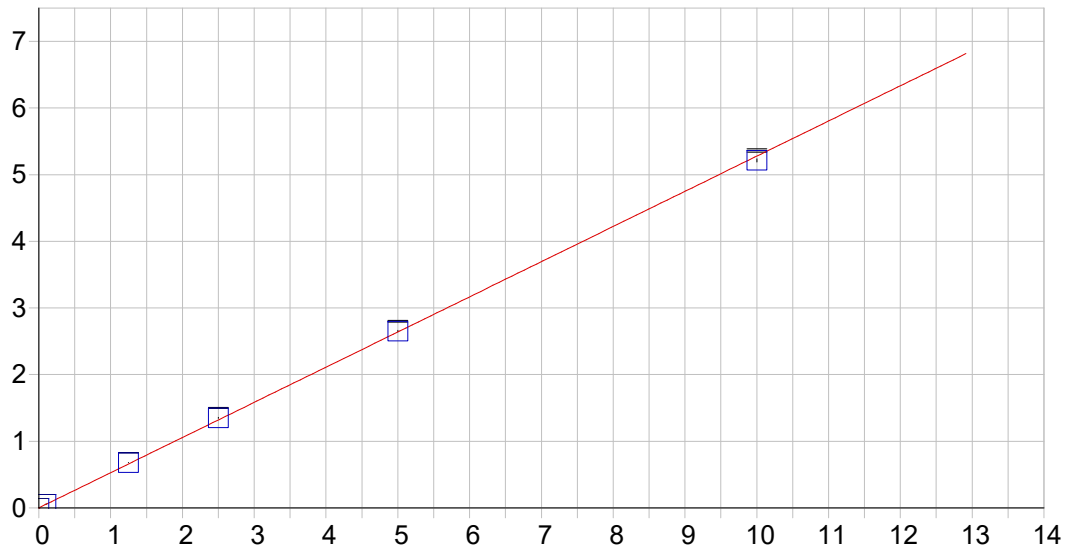


Sn 189.989 {478}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000158	Re-Slope:	1.000000
A1 (Gain):	0.060365	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	0.002652		
Predicted MQL:	0.008840		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00519	-.002	-25.8	.00046	.000	1
S2	1.2500	1.2409	-.009	-.729	.07486	.000	1
S3	2.5000	2.5056	.006	.222	.15100	.001	1
S4	5.0000	4.9950	-.005	-.100	.30086	.001	1
S5	10.000	10.010	.010	.103	.60279	.001	1

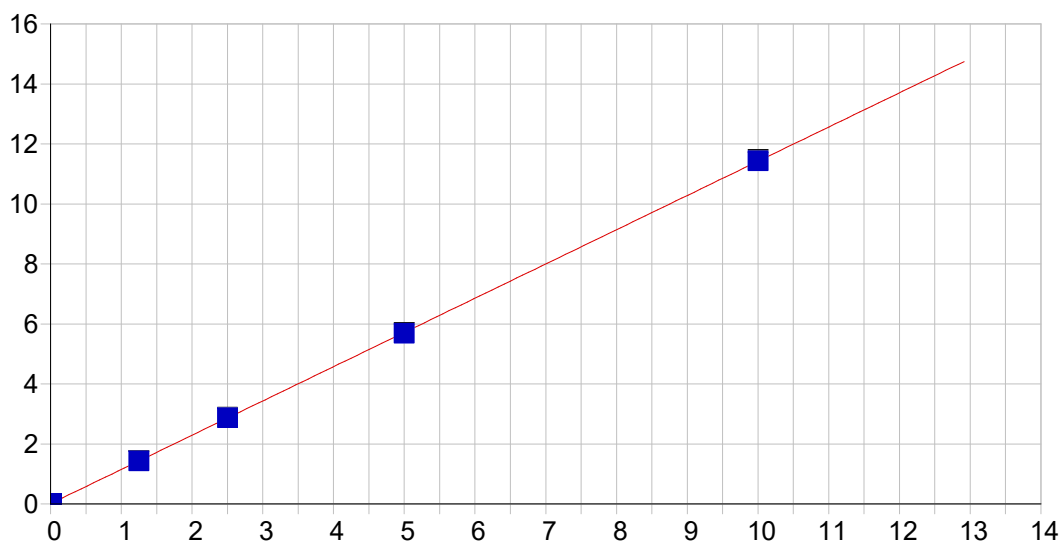


Ti 336.121 {100}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000528 Re-Slope: 1.000000
 A1 (Gain): 0.527779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999886 Status: OK.
 Std Error of Est: 0.000423
 Predicted MDL: 0.001261
 Predicted MQL: 0.004205

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00052	.000	1
S1	.10000	.10702	.007	7.02	.05701	.001	1
S2	1.2500	1.2834	.033	2.67	.67788	.002	1
S3	2.5000	2.5578	.058	2.31	1.3505	.007	1
S4	5.0000	5.0228	.023	.456	2.6515	.013	1
S5	10.000	9.8789	-.121	-1.21	5.2144	.026	1



Li 670.784 { 50}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008224 Re-Slope: 1.000000
 A1 (Gain): 1.141266 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.001543
 Predicted MQL: 0.005142

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00822	.002	1
S5	10.000	10.013	.013	.135	11.424	.042	1
S4	5.0000	4.9779	-.022	-.443	5.6831	.021	1
S3	2.5000	2.5100	.010	.401	2.8698	.014	1
S2	1.2500	1.2481	-.002	-.151	1.4311	.006	1
S1	.01500	.01554	.001	3.57	.02586	.002	1







Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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				

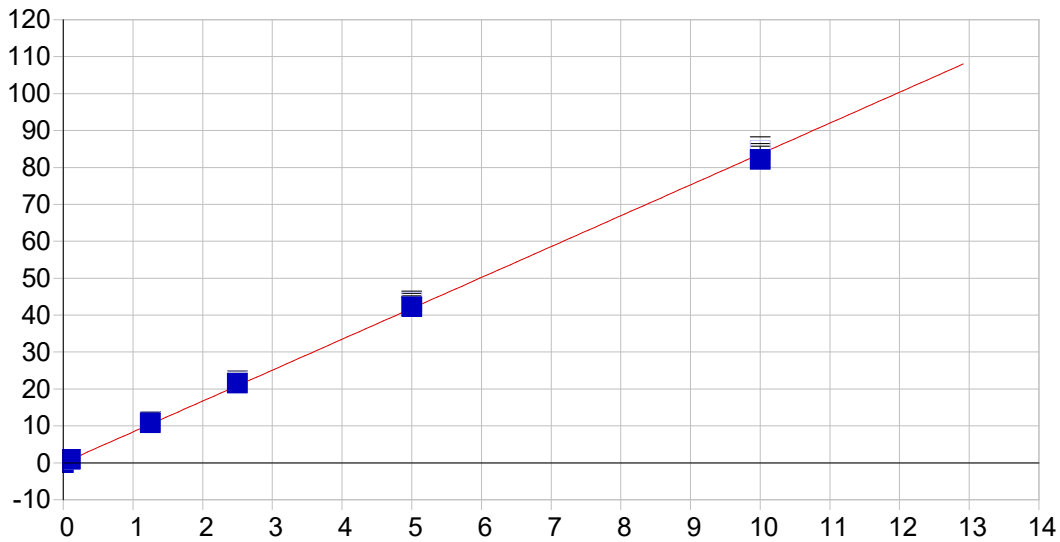
In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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
 Std Error of Est: 0.000000
 Predicted MDL: n/a
 Predicted MQL: n/a

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



Sr 407.771 { 83}

Date of Fit: 10/08/2021 17:28:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000723 Re-Slope: 1.000000
 A1 (Gain): 8.363982 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.009422
 Predicted MDL: 0.000104
 Predicted MQL: 0.000347

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00059	.001	1
S1	.10000	.11077	.011	10.8	.92801	.002	1
S2	1.2500	1.2933	.043	3.46	11.131	.013	1
S3	2.5000	2.5720	.072	2.88	22.140	.029	1
S4	5.0000	5.0526	.053	1.05	43.515	.274	1
S5	10.000	9.8216	-.178	-1.78	84.658	.894	1

Sample Name: S0 Acquired: 10/08/2021 11:58:06 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	-.00025	-.00069	.00084	.00070	.00017	.00291	.00516	-.00221
Stddev	.00023	.00004	.00017	.00019	.00008	.00063	.00283	.00024
%RSD	93.972	6.3889	20.649	26.533	45.452	21.719	54.751	10.802

#1	-.00035	-.00070	.00095	.00063	.00026	.00360	.00297	-.00215
#2	.00002	-.00073	.00092	.00091	.00012	.00274	.00417	-.00202
#3	-.00041	-.00064	.00064	.00056	.00013	.00237	.00835	-.00248

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	.00011	.00039	.00001	.00027	.00171	.00004	.00032	-.00022
Stddev	.00017	.00125	.00006	.00015	.00054	.00011	.00016	.00047
%RSD	150.35	319.14	471.97	57.430	31.664	300.29	49.208	210.96

#1	.00031	.00099	-.00006	.00030	.00173	.00014	.00047	-.00046
#2	.00003	.00123	.00005	.00010	.00224	.00006	.00032	-.00053
#3	.00000	-.00105	.00005	.00040	.00116	-.00009	.00016	.00032

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	-.00158	-.00068	-.00109	-.00046	-.00112	.01863	-.00047	.00194
Stddev	.00044	.00011	.00031	.00044	.00200	.00034	.00003	.00057
%RSD	27.753	16.730	28.184	96.433	178.33	1.8257	6.0970	29.211

#1	-.00118	-.00057	-.00116	-.00060	.00082	.01832	-.00047	.00209
#2	-.00204	-.00079	-.00075	-.00081	-.00318	.01859	-.00044	.00241
#3	-.00151	-.00068	-.00135	.00004	-.00101	.01900	-.00050	.00131

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	.00017	.00009	.00341	.00016	.00052	.00822	.00059	
Stddev	.00016	.00024	.00026	.00008	.00031	.00214	.00086	
%RSD	94.009	254.72	7.7639	49.626	59.068	26.068	145.91	

#1	.00020	-.00010	.00325	.00024	.00084	.00604	.00029	
#2	.00030	.00036	.00326	.00014	.00022	.00831	-.00008	
#3	-.00001	.00002	.00371	.00009	.00051	.01032	.00155	

Sample Name: S0 Acquired: 10/08/2021 11:58:06 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	1517.2	28896.	5645.3	841.98	1949.0
Stddev	1.7	23.	21.3	9.26	2.5
%RSD	.11268	.08088	.37751	1.0993	.12916
#1	1515.5	28909.	5669.8	851.97	1946.9
#2	1518.9	28869.	5635.5	833.70	1951.8
#3	1517.3	28909.	5630.7	840.26	1948.3

Sample Name: S1 Acquired: 10/08/2021 12:02:11 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	.00012	.00052	.00296	.00217	.00847	.02138	.75069	.01389
Stddev	.00020	.00009	.00040	.00022	.00010	.00039	.00524	.00041
%RSD	166.68	16.853	13.452	10.196	1.1996	1.8128	.69758	2.9369
#1	.00024	.00060	.00326	.00194	.00854	.02145	.75592	.01348
#2	.00024	.00043	.00250	.00237	.00835	.02173	.75072	.01430
#3	-.00011	.00055	.00311	.00220	.00851	.02096	.74544	.01390
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	.01236	.33794	.00151	.04200	.00800	.00261	.00995	.04560
Stddev	.00045	.00039	.00007	.00026	.00036	.00023	.00010	.00063
%RSD	3.6416	.11627	4.8020	.62919	4.4828	8.9291	.99035	1.3716
#1	.01257	.33757	.00156	.04229	.00808	.00282	.00992	.04544
#2	.01265	.33835	.00154	.04194	.00761	.00264	.00988	.04628
#3	.01184	.33789	.00143	.04178	.00832	.00236	.01006	.04506
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	.02314	.00333	.02806	.00528	.02215	.14752	-.00032	.03585
Stddev	.00055	.00014	.00065	.00003	.00172	.00132	.00021	.00024
%RSD	2.3772	4.0884	2.3332	.50963	7.7725	.89672	65.615	.66043
#1	.02374	.00331	.02876	.00528	.02023	.14618	-.00008	.03576
#2	.02266	.00320	.02796	.00525	.02266	.14883	-.00040	.03612
#3	.02303	.00347	.02746	.00530	.02356	.14756	-.00048	.03568
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	.00474	.00172	.03723	.00046	.05701	.02586	.92801	
Stddev	.00017	.00021	.00071	.00010	.00107	.00214	.00225	
%RSD	3.4941	12.496	1.9140	22.269	1.8801	8.2767	.24279	
#1	.00455	.00156	.03641	.00046	.05578	.02766	.92829	
#2	.00480	.00163	.03758	.00036	.05773	.02643	.93011	
#3	.00487	.00196	.03770	.00056	.05753	.02349	.92563	

Sample Name: S1 Acquired: 10/08/2021 12:02:11 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	1505.1	28797.	5621.2	838.40	1949.1
Stddev	1.4	117.	54.3	6.25	6.2
%RSD	.09415	.40793	.96616	.74497	.32033
#1	1503.5	28920.	5642.8	845.16	1942.8
#2	1506.0	28686.	5559.4	832.85	1949.3
#3	1505.9	28787.	5661.4	837.20	1955.2

Sample Name: S2 Acquired: 10/08/2021 12:06:18 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	.04068	.06473	1.2180	.06112	.16763	3.3622	9.3892	.37469
Stddev	.00041	.00019	.0034	.00036	.00039	.0064	.0315	.00154
%RSD	1.0166	.28629	.28177	.59076	.23020	.19067	.33552	.41035

#1	.04094	.06471	1.2158	.06141	.16776	3.3687	9.4087	.37325
#2	.04020	.06456	1.2162	.06071	.16719	3.3559	9.3529	.37451
#3	.04089	.06493	1.2219	.06122	.16793	3.3620	9.4060	.37631

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	1.4796	3.9774	.54684	.51312	.92894	.89921	2.2819	.55901
Stddev	.0028	.0134	.00025	.00160	.00267	.00185	.0136	.00252
%RSD	.19205	.33750	.04594	.31174	.28737	.20536	.59729	.45104

#1	1.4764	3.9803	.54682	.51129	.93132	.90022	2.2767	.56181
#2	1.4817	3.9627	.54659	.51423	.92945	.89708	2.2716	.55693
#3	1.4807	3.9891	.54710	.51384	.92605	.90034	2.2973	.55828

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	.36919	.12207	.21293	.06204	1.5132	1.0054	.04024	.39882
Stddev	.00096	.00005	.00097	.00037	.0093	.0031	.00008	.00234
%RSD	.26137	.04141	.45687	.59002	.61485	.30308	.18736	.58588

#1	.36930	.12210	.21185	.06224	1.5175	1.0090	.04030	.39995
#2	.36817	.12211	.21374	.06227	1.5025	1.0035	.04025	.40037
#3	.37009	.12202	.21320	.06162	1.5196	1.0038	.04016	.39613

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	.51578	.02262	.45197	.07486	.67788	1.4311	11.131	
Stddev	.00148	.00029	.00106	.00007	.00246	.0057	.013	
%RSD	.28737	1.3025	.23426	.08893	.36247	.39963	.11416	

#1	.51734	.02242	.45318	.07478	.68070	1.4377	11.142	
#2	.51438	.02296	.45153	.07488	.67618	1.4272	11.117	
#3	.51563	.02248	.45121	.07491	.67676	1.4284	11.135	

Sample Name: S2 Acquired: 10/08/2021 12:06:18 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	1412.1	27530.	5476.4	782.29	1801.8
Stddev	1.0	27.	18.5	4.22	4.5
%RSD	.06905	.09707	.33854	.53966	.25220
#1	1411.7	27543.	5477.0	782.93	1804.0
#2	1411.4	27548.	5494.7	786.16	1796.5
#3	1413.2	27500.	5457.6	777.78	1804.7

Sample Name: S3 Acquired: 10/08/2021 12:10:12 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	.08146	.12934	2.4557	.11994	.33059	6.7157	18.792	.74210
Stddev	.00007	.00052	.0033	.00100	.00108	.0264	.033	.00422
%RSD	.09105	.40329	.13572	.83626	.32649	.39311	.17778	.56890

#1	.08138	.12878	2.4523	.11885	.33149	6.6864	18.801	.73734
#2	.08153	.12943	2.4590	.12016	.32939	6.7229	18.820	.74358
#3	.08148	.12981	2.4557	.12082	.33087	6.7377	18.755	.74538

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	2.9440	7.9040	1.0725	1.0287	1.8496	1.7813	4.4815	1.1242
Stddev	.0095	.0090	.0018	.0026	.0035	.0175	.0203	.0102
%RSD	.32304	.11366	.16685	.25380	.18747	.98188	.45349	.90596

#1	2.9344	7.9058	1.0732	1.0267	1.8468	1.7615	4.4934	1.1140
#2	2.9534	7.9120	1.0704	1.0317	1.8535	1.7877	4.4932	1.1243
#3	2.9442	7.8943	1.0738	1.0279	1.8485	1.7947	4.4581	1.1343

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	.73595	.24679	.42609	.12404	3.0671	1.9763	.08265	.79698
Stddev	.00154	.00168	.00142	.00087	.0177	.0075	.00007	.00714
%RSD	.20962	.67944	.33210	.70127	.57664	.37680	.07865	.89645

#1	.73527	.24782	.42446	.12308	3.0568	1.9682	.08265	.78889
#2	.73772	.24770	.42696	.12477	3.0569	1.9828	.08258	.80244
#3	.73487	.24486	.42686	.12428	3.0875	1.9779	.08271	.79960

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	1.0267	.04637	.89294	.15100	1.3505	2.8698	22.140	
Stddev	.0008	.00018	.00461	.00078	.0074	.0137	.029	
%RSD	.08086	.37821	.51629	.51478	.54930	.47682	.12922	

#1	1.0259	.04642	.88827	.15011	1.3431	2.8544	22.131	
#2	1.0268	.04618	.89749	.15133	1.3504	2.8808	22.172	
#3	1.0276	.04652	.89304	.15155	1.3580	2.8740	22.118	

Sample Name: S3 Acquired: 10/08/2021 12:10:12 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	1368.2	27125.	5415.8	762.09	1721.7
Stddev	1.5	74.	17.5	2.45	1.5
%RSD	.10950	.27120	.32367	.32145	.08750
#1	1369.0	27082.	5421.1	760.54	1722.9
#2	1369.2	27210.	5396.2	760.81	1720.0
#3	1366.5	27082.	5430.0	764.91	1722.3

Sample Name: S4 Acquired: 10/08/2021 12:14:06 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	.16124	.25136	4.8729	.23052	.65553	13.381	36.975	1.4588
Stddev	.00027	.00100	.0144	.00063	.00166	.059	.123	.0187
%RSD	.17038	.39670	.29631	.27221	.25340	.44036	.33138	1.2799

#1	.16130	.25078	4.8605	.23124	.65651	13.352	37.111	1.4375
#2	.16094	.25251	4.8887	.23022	.65361	13.449	36.940	1.4663
#3	.16148	.25079	4.8693	.23010	.65646	13.342	36.873	1.4725

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	5.7686	15.585	2.0651	2.0451	3.6423	3.4659	8.6964	2.2427
Stddev	.0141	.015	.0029	.0060	.0127	.0311	.0153	.0221
%RSD	.24491	.09620	.14224	.29242	.34786	.89661	.17617	.98340

#1	5.7574	15.598	2.0654	2.0397	3.6503	3.4437	8.6938	2.2246
#2	5.7845	15.588	2.0620	2.0515	3.6490	3.5014	8.6825	2.2673
#3	5.7640	15.568	2.0678	2.0439	3.6277	3.4525	8.7128	2.2362

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	1.4462	.48516	.84430	.24271	6.1513	3.8940	.16739	1.5910
Stddev	.0026	.00214	.00429	.00136	.0658	.0090	.00051	.0240
%RSD	.18116	.44194	.50772	.55937	1.0698	.23086	.30280	1.5111

#1	1.4435	.48762	.84066	.24161	6.2047	3.8855	.16731	1.5633
#2	1.4487	.48373	.84903	.24422	6.1714	3.9034	.16793	1.6032
#3	1.4463	.48411	.84322	.24230	6.0778	3.8931	.16693	1.6065

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	2.0291	.09446	1.7296	.30086	2.6515	5.6831	43.515	
Stddev	.0037	.00044	.0224	.00050	.0127	.0205	.274	
%RSD	.18409	.46808	1.2939	.16784	.48000	.36127	.62956	

#1	2.0328	.09488	1.7038	.30049	2.6486	5.6923	43.620	
#2	2.0253	.09451	1.7424	.30144	2.6654	5.6975	43.722	
#3	2.0293	.09400	1.7427	.30065	2.6404	5.6596	43.205	

Sample Name: S4 Acquired: 10/08/2021 12:14:06 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	1307.8	26632.	5349.7	727.23	1623.3
Stddev	4.6	94.	30.7	5.99	1.9
%RSD	.34985	.35182	.57422	.82368	.11498
#1	1302.6	26587.	5384.3	720.98	1623.3
#2	1311.2	26569.	5325.7	727.78	1621.5
#3	1309.6	26740.	5339.2	732.93	1625.2

Sample Name: S5 Acquired: 10/08/2021 12:18:06 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	.32877	.48693	9.7550	.44884	1.3343	26.906	71.803	2.8094
Stddev	.00062	.00361	.0085	.00052	.0010	.101	1.416	.0149
%RSD	.18746	.74135	.08700	.11608	.07797	.37365	1.9727	.53026

#1	.32855	.48566	9.7592	.44910	1.3347	26.929	72.914	2.8018
#2	.32829	.48412	9.7452	.44823	1.3332	26.993	72.287	2.8265
#3	.32947	.49100	9.7605	.44917	1.3351	26.796	70.208	2.7998

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	11.372	30.771	3.9828	4.0817	7.2530	6.7868	16.976	4.4970
Stddev	.018	.118	.0063	.0067	.0135	.0507	.108	.0301
%RSD	.16007	.38322	.15781	.16378	.18556	.74739	.63333	.67032

#1	11.366	30.653	3.9776	4.0750	7.2389	6.8345	16.852	4.5213
#2	11.358	30.889	3.9810	4.0818	7.2657	6.7923	17.035	4.5066
#3	11.393	30.772	3.9898	4.0883	7.2546	6.7335	17.041	4.4633

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	2.8640	.98463	1.6894	.47718	12.955	7.7883	.34258	3.0612
Stddev	.0028	.00377	.0105	.00205	.082	.0306	.00226	.0254
%RSD	.09737	.38335	.62186	.42956	.63106	.39249	.65843	.82934

#1	2.8623	.98813	1.6961	.47786	12.996	7.7707	.34186	3.0463
#2	2.8626	.98063	1.6948	.47880	13.008	7.8236	.34077	3.0905
#3	2.8673	.98514	1.6773	.47487	12.861	7.7706	.34510	3.0468

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	4.0837	.19560	3.2807	.60279	5.2144	11.424	84.658	
Stddev	.0058	.00017	.0253	.00120	.0263	.042	.894	
%RSD	.14307	.08754	.76996	.19834	.50456	.37054	1.0559	

#1	4.0848	.19540	3.2768	.60362	5.2246	11.399	85.433	
#2	4.0775	.19565	3.3076	.60142	5.2341	11.473	84.860	
#3	4.0890	.19574	3.2576	.60334	5.1845	11.400	83.680	

Sample Name: S5 Acquired: 10/08/2021 12:18:06 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	1217.2	25882.	5297.1	663.11	1501.9
Stddev	4.1	72.	31.1	3.05	2.8
%RSD	.34015	.27985	.58678	.45929	.18460
#1	1214.1	25945.	5274.4	661.80	1499.3
#2	1215.6	25899.	5284.5	660.93	1501.5
#3	1221.9	25803.	5332.6	666.59	1504.8

Sample Name: S6 Acquired: 10/08/2021 12:22:13 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL 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	74.480	50.995	18.629	7.6370	4.8020
Stddev	.725	.118	.270	.1271	.0525
%RSD	.97332	.23109	1.4487	1.6642	1.0933

#1	73.890	50.935	18.436	7.5444	4.7637
#2	74.260	51.131	18.513	7.5848	4.7804
#3	75.289	50.919	18.937	7.7819	4.8618

Int. Std.	Y_3710
Units	Cts/S
Avg	5146.3
Stddev	74.2
%RSD	1.4423

#1	5199.8
#2	5177.4
#3	5061.5

Sample Name: ICV008 Acquired: 10/08/2021 12:26:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9845974	1.020080	.9582247	1.033558	.9460605	2.365028
Stddev	.0123293	.008046	.0022596	.009308	.0046260	.011323
%RSD	1.252219	.7887809	.2358131	.9005682	.4889772	.4787563

#1	.9750215	1.029225	.9574977	1.025634	.9492232	2.355982
#2	.9802618	1.016929	.9607583	1.031231	.9482070	2.361375
#3	.9985089	1.014087	.9564180	1.043808	.9407511	2.377726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5078152	.5351157	.5125399	9.726749	.5442927	.4966371
Stddev	.0015302	.0001132	.0023174	.023311	.0013493	.0010242
%RSD	.3013283	.0211464	.4521416	.2396618	.2479042	.2062268

#1	.5067202	.5351486	.5100659	9.734208	.5458288	.4954872
#2	.5095636	.5352087	.5128936	9.745418	.5432991	.4969723
#3	.5071617	.5349897	.5146601	9.700621	.5437501	.4974516

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009504	10.26139	.5087050	5.485695	.5109042	.2365484
Stddev	.0034854	.04904	.0028608	.052561	.0019447	.0019110
%RSD	.6957511	.4778693	.5623668	.9581483	.3806334	.8078668

#1	.4970340	10.23878	.5103262	5.445304	.5111854	.2379893
#2	.5037113	10.22773	.5103870	5.466659	.5088342	.2343806
#3	.5021060	10.31765	.5054019	5.545122	.5126929	.2372754

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.632165	.5296375	F .8925723	9.236237	F .0025728	F .0086751
Stddev	.073419	.0084124	.0043916	.081724	.0017990	.0011240
%RSD	.7622321	1.588340	.4920190	.8848171	69.92544	12.95627

#1	9.573831	.5259668	.8974698	9.170889	.0042782	.0097444
#2	9.608057	.5236841	.8889847	9.327868	.0006929	.0087773
#3	9.714608	.5392615	.8912624	9.209953	.0027473	.0075035

Sample Name: ICV008 Acquired: 10/08/2021 12:26:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0005001	F -.000315	F .0063993	F -.000628	F -.000859	F .0025506
Stddev	.0002082	.002735	.0008886	.001005	.001673	.0012231
%RSD	41.63535	868.9383	13.88634	160.0384	194.7935	47.95356
#1	.0004553	-.001879	.0057559	.000408	-.000704	.0022931
#2	.0007271	-.001908	.0074132	-.000692	.000732	.0014768
#3	.0003179	.002843	.0060287	-.001598	-.002604	.0038820

Elem	Sr4077
Units	ppm
Avg	F -.008980
Stddev	.000034
%RSD	.3736313
#1	-.008971
#2	-.008952
#3	-.009017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.323	29048.86	5594.769	837.9490	1937.760
Stddev	2.819	61.87	2.950	1.8414	3.423
%RSD	.1893743	.2130013	.0527348	.2197491	.1766281
#1	1486.756	29106.35	5597.819	837.2777	1940.893
#2	1491.577	28983.37	5591.929	840.0319	1938.280
#3	1486.636	29056.84	5594.559	836.5375	1934.107

Sample Name: ICB008 Acquired: 10/08/2021 12:30:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000162	-.000625	.0002745	-.001790	.0028944	-.005637	-.000751
Stddev	.001233	.001813	.0012817	.005067	.0008688	.011240	.000901
%RSD	763.2531	289.8479	466.8250	283.0925	30.01717	199.4175	119.9972

#1	-.001432	.001273	-.000729	.002723	.0026281	-.001695	-.000941
#2	.001029	-.002338	-.000166	-.000821	.0038652	.003102	-.001541
#3	-.000082	-.000811	.001718	-.007272	.0021899	-.018317	.000230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000805	-.000163	.0222074	-.000689	-.000098	.0013450	.0168200
Stddev	.0000614	.000110	.0155854	.000171	.000280	.0023334	.0066990
%RSD	76.27051	67.42981	70.18136	24.80904	284.3440	173.4839	39.82737

#1	.0001432	-.000225	.0290977	-.000610	-.000367	.0024774	.0092316
#2	.0000205	-.000229	.0043643	-.000572	-.000120	-.001338	.0219137
#3	.0000779	-.000036	.0331600	-.000885	.000192	.002896	.0193146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002590	-.018993	.0000932	-.000363	.0519238	.0049844	.0028010
Stddev	.0003370	.009026	.0002820	.000268	.1737572	.0019736	.0026083
%RSD	130.1123	47.52263	302.4782	73.81745	334.6386	39.59573	93.12042

#1	.0006123	-.019671	.0003992	-.000609	.2361084	.0027067	.0033833
#2	-.000059	-.009647	.0000367	-.000078	-.109078	.0061886	-.000049
#3	.000224	-.027660	-.000156	-.000402	.028742	.0060579	.005069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064563	-.008867	.0038788	.0004600	-.000991	.0008089	-.001036
Stddev	.010259	.007238	.0009476	.0004513	.007279	.0015100	.002042
%RSD	15.88973	81.63020	24.43125	98.11549	734.8621	186.6661	197.1595

#1	-.054614	-.015305	.0029703	.0005590	.000667	.0003970	-.001325
#2	-.063968	-.001032	.0048612	-.000033	-.008955	.0024821	-.002917
#3	-.075106	-.010265	.0038049	.000854	.005316	-.000452	.001135

Sample Name: ICB008 Acquired: 10/08/2021 12:30:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000530	.0018195	.0000026
Stddev	.000238	.0014099	.0000943
%RSD	44.98398	77.49001	3643.976

#1	-.000798	.0010137	.0000766
#2	-.000452	.0034475	-.000104
#3	-.000340	.0009972	.000035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.112	29073.16	5560.282	844.6994	1929.252
Stddev	1.305	71.63	51.505	5.1901	5.632
%RSD	.0878451	.2463864	.9263069	.6144342	.2919483

#1	1485.835	28992.20	5619.703	839.4273	1929.867
#2	1485.895	29098.92	5532.720	849.8035	1923.338
#3	1483.606	29128.34	5528.422	844.8675	1934.553

Sample Name: ICSA008 Acquired: 10/08/2021 12:34:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005642	-.005645	.0071429	.0190622	.0039251	243.1775	.0037397
Stddev	.008589	.006871	.0012076	.0082576	.0005694	1.1837	.0005587
%RSD	152.2480	121.7104	16.90632	43.31905	14.50691	.4867576	14.93912

#1	-.015442	.002280	.0085018	.0215092	.0042373	241.9012	.0037649
#2	.000582	-.009300	.0067342	.0258197	.0032679	244.2392	.0031689
#3	-.002066	-.009916	.0061926	.0098577	.0042702	243.3922	.0042854

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014015	-.001652	241.0819	.0569074	-.000739	.0087454	101.1781
Stddev	.0001507	.000115	.7067	.0007498	.000318	.0012663	.6876
%RSD	10.75206	6.941068	.2931300	1.317547	43.01706	14.47916	.6796431

#1	.0012480	-.001677	241.0639	.0576877	-.001069	.0101713	100.3978
#2	.0014073	-.001751	241.7974	.0561924	-.000713	.0083123	101.6955
#3	.0015492	-.001526	240.3844	.0568420	-.000435	.0077524	101.4410

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151806	243.8010	-.001821	.0027437	.3604163	.0054636	.0117172
Stddev	.0002794	1.9243	.000012	.0005343	.0875620	.0028494	.0027575
%RSD	1.840588	.7893072	.6666865	19.47312	24.29468	52.15226	23.53360

#1	.0154086	241.6012	-.001834	.0030266	.3218129	.0082773	.0088478
#2	.0148689	245.1724	-.001817	.0030770	.2987893	.0055338	.0143472
#3	.0152643	244.6293	-.001811	.0021274	.4606465	.0025798	.0119566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008856	-.003648	-.003212	.0008470	.0006411	-.000086	.0026046
Stddev	.018561	.005419	.003003	.0008521	.0063969	.000323	.0005025
%RSD	209.5938	148.5434	93.49397	100.6078	997.7947	374.5641	19.29090

#1	.012108	-.003304	-.001682	.0009011	-.006380	.000255	.0022745
#2	-.015477	.001590	-.006672	.0016708	.002166	-.000387	.0023565
#3	-.023198	-.009231	-.001282	-.000031	.006138	-.000127	.0031829

Sample Name: ICSA008 Acquired: 10/08/2021 12:34:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA008 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001176	.0063385	.0048916
Stddev	.001235	.0000923	.0006006
%RSD	104.9848	1.456217	12.27865

#1	-.001569	.0062328	.0054735
#2	-.002167	.0063799	.0049276
#3	.000207	.0064029	.0042738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1374.395	27254.20	5375.066	783.3955	1708.969
Stddev	3.205	137.52	26.577	3.6209	3.230
%RSD	.2332242	.5045921	.4944500	.4621996	.1889913

#1	1377.914	27183.54	5405.477	779.4190	1712.685
#2	1373.630	27166.38	5356.291	784.2653	1707.386
#3	1371.641	27412.69	5363.431	786.5023	1706.836

Sample Name: ICSAB008 Acquired: 10/08/2021 12:38:50 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0923023	.0941148	.0516223	.0621466	.5656370	238.4850	.4855754
Stddev	.0133716	.0025056	.0048900	.0057947	.0026835	.6266	.0011381
%RSD	14.48675	2.662295	9.472670	9.324286	.4744229	.2627510	.2343775

#1	.1056376	.0925409	.0464946	.0613467	.5671605	238.7913	.4846949
#2	.0923747	.0927994	.0521387	.0682997	.5625385	238.8995	.4868605
#3	.0788947	.0970042	.0562337	.0567934	.5672121	237.7641	.4851709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5162966	.9595549	235.3081	.5562978	.4735061	.4796741	99.63313
Stddev	.0046153	.0007361	.1529	.0018733	.0005386	.0036669	.46677
%RSD	.8939145	.0767155	.0649595	.3367453	.1137535	.7644561	.4684840

#1	.5205445	.9587104	235.4846	.5584201	.4730585	.4788653	100.0133
#2	.5169596	.9600605	235.2230	.5555986	.4733558	.4764791	99.7739
#3	.5113857	.9598938	235.2168	.5548746	.4741038	.4836778	99.1122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4840741	240.1584	.9508065	.1934165	.2994576	.5109271	.9044787
Stddev	.0022228	1.0357	.0016253	.0012221	.2264289	.0032311	.0091421
%RSD	.4591879	.4312588	.1709375	.6318338	75.61302	.6324078	1.010764

#1	.4829075	240.9741	.9492285	.1930654	.1207281	.5135281	.8962767
#2	.4826775	240.5080	.9524752	.1947758	.2235593	.5119430	.9028242
#3	.4866374	238.9931	.9507159	.1924085	.5540854	.5073100	.9143351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.104234	.0045062	-.003639	.0014198	.0008479	.0034584	.0000651
Stddev	.078262	.0070721	.000925	.0006801	.0059848	.0010095	.0008585
%RSD	75.08286	156.9428	25.41794	47.90010	705.8432	29.19083	1317.662

#1	-.179399	.0081488	-.003519	.0018416	.0060156	.0022983	.0010558
#2	-.023205	.0090144	-.004617	.0006353	-.005709	.0039396	-.000460
#3	-.110097	-.003645	-.002779	.0017826	.002237	.0041373	-.000401

Sample Name: ICSAB008 Acquired: 10/08/2021 12:38:50 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB008 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003759	.0057924	.0041910
Stddev	.000636	.0009590	.0007349
%RSD	16.92552	16.55652	17.53548

#1	-.004090	.0058639	.0038263
#2	-.004162	.0067137	.0037097
#3	-.003026	.0047996	.0050369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.839	27309.35	5373.578	780.6637	1712.577
Stddev	.548	133.62	38.873	5.0324	2.668
%RSD	.0398687	.4892802	.7234041	.6446312	.1557830

#1	1374.016	27300.29	5333.830	784.0289	1715.311
#2	1374.277	27447.27	5375.392	783.0837	1709.980
#3	1373.225	27180.50	5411.512	774.8784	1712.442

Sample Name: CCV041 Acquired: 10/08/2021 12:42:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.571584	4.563869	23.36847	4.577629	4.613778	414.5481	9.542735
Stddev	.029316	.031779	.04174	.026456	.003825	3.0143	.029957
%RSD	.6412567	.6963247	.1786237	.5779439	.0828947	.7271267	.3139246

#1	4.588969	4.547758	23.35143	4.589454	4.613231	411.4086	9.546067
#2	4.537738	4.543372	23.33794	4.547322	4.617846	414.8165	9.511251
#3	4.588046	4.600477	23.41603	4.596110	4.610256	417.4193	9.570886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912897	2.325114	398.3978	14.37660	2.351203	14.36970	429.7583
Stddev	.0031752	.008864	1.4139	.02632	.004426	.04580	4.4077
%RSD	.6462908	.3812313	.3548973	.1831041	.1882325	.3187291	1.025622

#1	.4876313	2.321383	398.5073	14.37178	2.351905	14.33034	424.8663
#2	.4933280	2.318726	396.9324	14.40500	2.346469	14.35879	430.9881
#3	.4929099	2.335234	399.7538	14.35301	2.355236	14.41997	433.4205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.91902	410.8237	2.311327	1.179791	421.3672	2.411330	13.95547
Stddev	.05437	4.2701	.002449	.003955	3.4303	.021077	.08602
%RSD	.3906479	1.039401	.1059667	.3352086	.8140762	.8740688	.6163719

#1	13.96338	406.1502	2.311120	1.184101	417.5934	2.390534	13.99576
#2	13.85836	411.7992	2.308988	1.178942	422.2125	2.410778	13.85670
#3	13.93532	414.5216	2.313874	1.176330	424.2958	2.432677	14.01394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.5137	4.692447	4.810561	4.616705	4.717688	4.730344	4.723995
Stddev	.7655	.027789	.053545	.012899	.032889	.038435	.019688
%RSD	.5297415	.5922076	1.113074	.2793954	.6971377	.8125227	.4167686

#1	143.7786	4.699485	4.749648	4.615556	4.755008	4.687689	4.743276
#2	144.4560	4.661816	4.831836	4.604419	4.692938	4.741056	4.703924
#3	145.3065	4.716041	4.850199	4.630140	4.705119	4.762287	4.724786

Sample Name: CCV041 Acquired: 10/08/2021 12:42:49 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV041 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.822152	4.798652	4.532239
Stddev	.033625	.024586	.010866
%RSD	.6972924	.5123617	.2397596

#1	4.784570	4.777953	4.523807
#2	4.832498	4.792174	4.528407
#3	4.849388	4.825829	4.544502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.292	26204.66	5212.190	708.3053	1526.999
Stddev	3.433	32.08	23.060	4.3057	4.152
%RSD	.2721571	.1224073	.4424236	.6078860	.2719121

#1	1258.350	26223.41	5233.298	704.0844	1524.881
#2	1265.064	26222.95	5215.692	712.6910	1531.783
#3	1260.463	26167.62	5187.579	708.1407	1524.333

Sample Name: CCB041 Acquired: 10/08/2021 12:46:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001936	-.003549	.0007768	-.001405	.0025242	.0014470	-.001038
Stddev	.003301	.001556	.0026989	.002473	.0028465	.0075085	.000472
%RSD	170.5382	43.84890	347.4371	176.0463	112.7720	518.8834	45.47324

#1	-.000926	-.002670	.0003058	-.004135	.0055354	.0094082	-.001541
#2	-.005623	-.002631	.0036802	-.000762	-.000123	-.005507	-.000968
#3	.000743	-.005346	-.001656	.000683	.002160	.000440	-.000605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000893	.0000261	.0119696	-.000616	.0001659	-.000730	.0100382
Stddev	.0000720	.0000199	.0101262	.000444	.0003663	.001958	.0039966
%RSD	80.60206	76.11173	84.59944	72.05388	220.8004	268.1094	39.81426

#1	.0001507	.0000049	.0013340	-.001024	.0001315	.001514	.0144606
#2	.0001071	.0000443	.0130798	-.000682	-.000182	-.002091	.0066847
#3	.0000101	.0000293	.0214950	-.000143	.000548	-.001614	.0089693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001933	-.008010	.0006373	-.000165	-.154297	.0024841	.0008468
Stddev	.0004835	.022668	.0005287	.000128	.367022	.0021218	.0009853
%RSD	250.1262	283.0013	82.95573	77.38741	237.8675	85.41418	116.3552

#1	.0003136	-.031054	.0000963	-.000305	.212556	.0004885	-.000242
#2	.0006053	.014262	.0006629	-.000053	-.521488	.0047129	.001106
#3	-.000339	-.007237	.0011527	-.000138	-.153960	.0022511	.001677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.033547	-.000559	.0088027	.0010271	.0070048	-.000881	-.000024
Stddev	.061529	.001380	.0011149	.0004572	.0020407	.001297	.000976
%RSD	183.4148	246.7767	12.66524	44.51602	29.13268	147.1214	4108.567

#1	-.088908	-.000485	.0099864	.0010934	.0083555	-.001113	.001077
#2	.032698	.000782	.0086493	.0014475	.0046573	-.002047	-.000784
#3	-.044430	-.001975	.0077725	.0005403	.0080017	.000515	-.000364

Sample Name: CCB041 Acquired: 10/08/2021 12:46:40 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001648	.0005365	-.000186
Stddev	.0007476	.0012158	.000062
%RSD	453.7647	226.6349	33.25957

#1	.0006322	.0000377	-.000183
#2	.0005596	-.000351	-.000249
#3	-.000698	.001922	-.000125

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.407	28880.13	5466.901	834.4727	1923.370
Stddev	1.203	50.48	11.640	1.1869	2.172
%RSD	.0816402	.1747770	.2129099	.1422352	.1129325

#1	1473.894	28824.59	5455.488	834.4303	1923.980
#2	1474.290	28923.22	5466.461	833.3076	1925.173
#3	1472.037	28892.57	5478.754	835.6803	1920.959