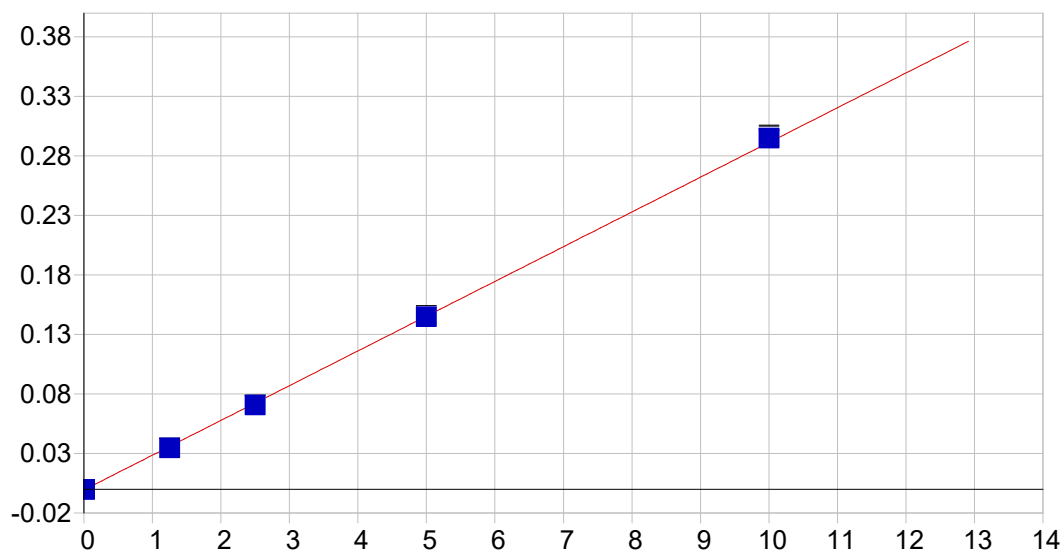


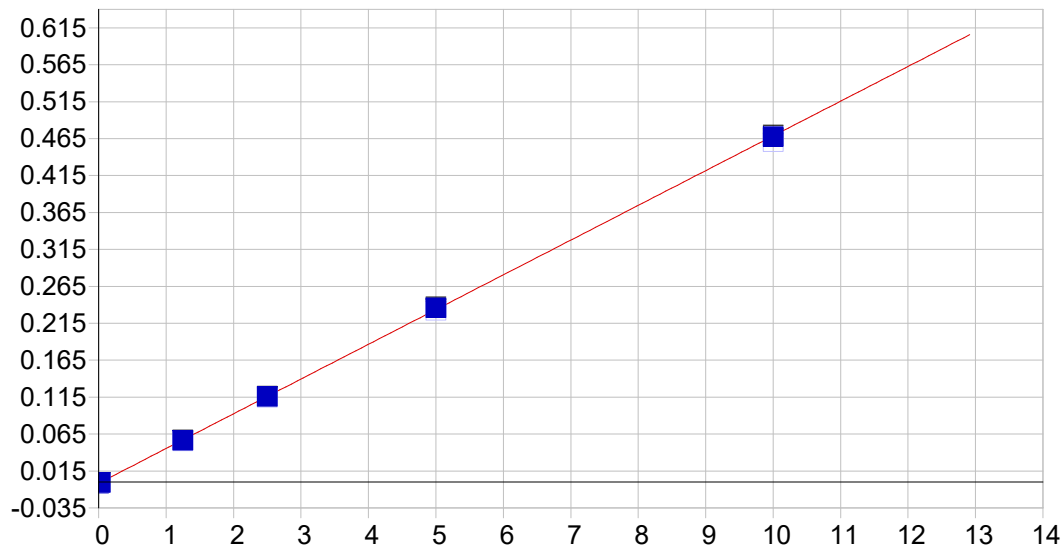


As 189.042 {479}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000602	Re-Slope:	1.000000
A1 (Gain):	0.029192	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.005709		
Predicted MQL:	0.019030		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00060	.000	1
S1	.01000	.00873	-.001	-12.7	-.00035	.000	1
S2	1.2500	1.2079	-.042	-3.37	.03475	.000	1
S3	2.5000	2.4399	-.060	-2.41	.07081	.000	1
S4	5.0000	4.9777	-.022	-.447	.14508	.001	1
S5	10.000	10.126	.126	1.26	.29574	.002	1

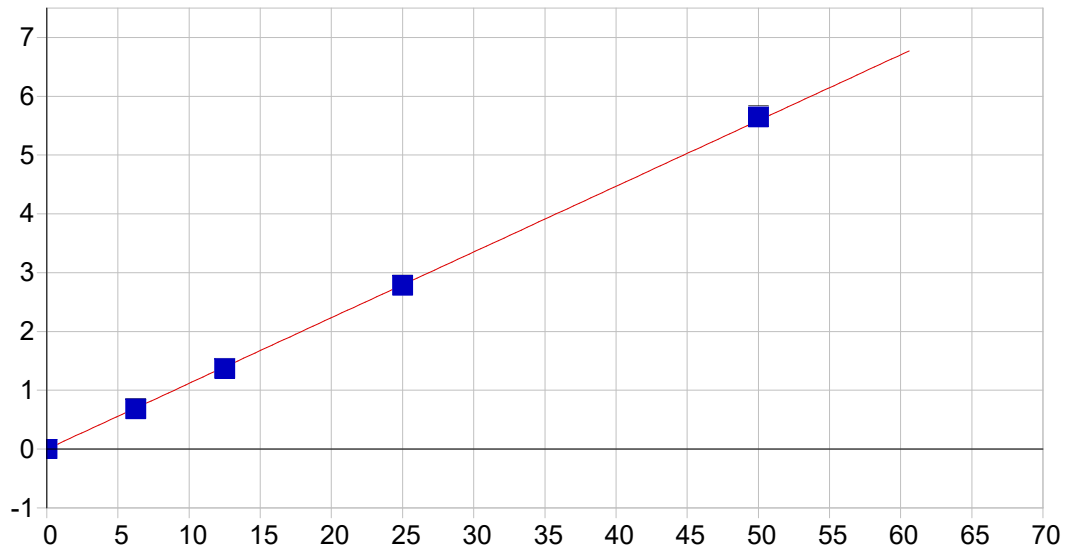


TI 190.856 {477}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001621 Re-Slope: 1.000000
 A1 (Gain): 0.047028 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.003677
 Predicted MQL: 0.012256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00162	.000	1
S1	.02500	.02225	-.003	-11.0	-.00064	.000	1
S2	1.2500	1.2303	-.020	-1.57	.05539	.001	1
S3	2.5000	2.5007	.001	.027	.11428	.000	1
S4	5.0000	5.0481	.048	.962	.23238	.001	1
S5	10.000	9.9735	-.026	-.265	.46062	.002	1

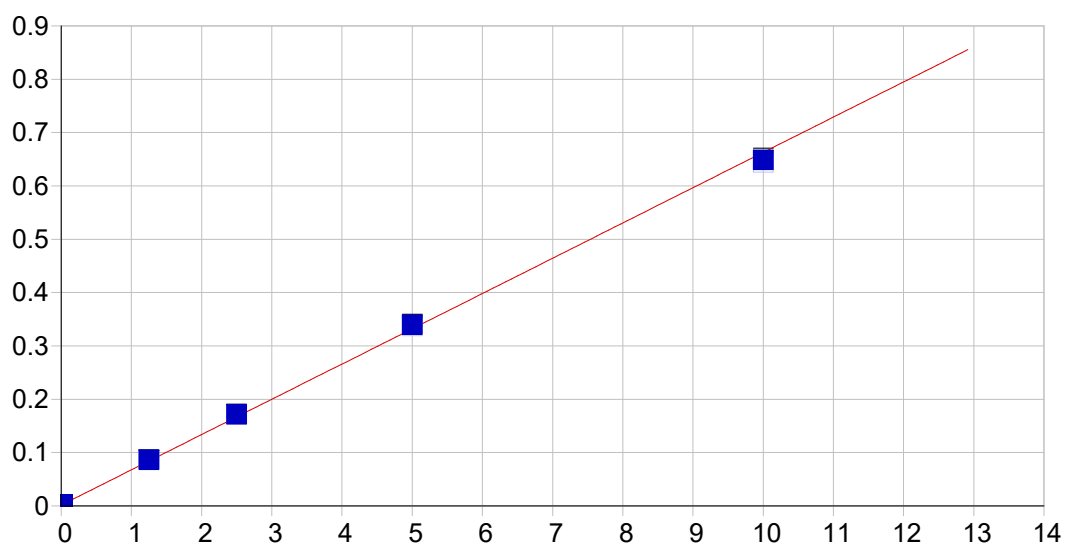


Pb 220.353 {453}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000040	Re-Slope:	1.000000
A1 (Gain):	0.111739	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.000055		
Predicted MDL:	0.002760		
Predicted MQL:	0.009199		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.01023	.000	2.31	.00111	.000	1
S2	6.2500	6.0865	-.163	-2.62	.68096	.000	1
S3	12.500	12.231	-.269	-2.15	1.3685	.002	1
S4	25.000	24.897	-.103	-.410	2.7856	.001	1
S5	50.000	50.535	.535	1.07	5.6539	.012	1

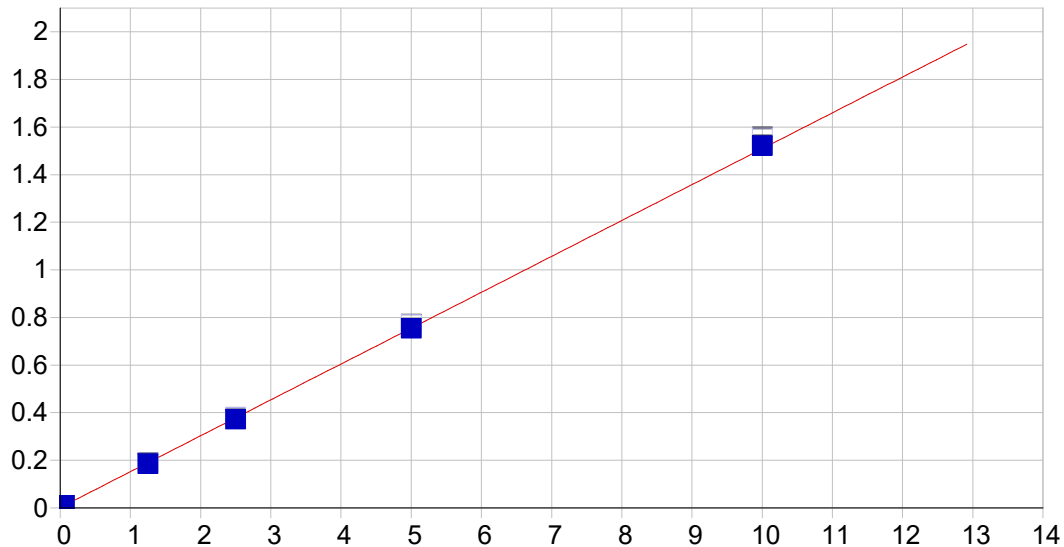


Se 196.090 {472}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001466	Re-Slope:	1.000000
A1 (Gain):	0.066128	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999720	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.003518		
Predicted MQL:	0.011725		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00147	.000	1
S1	.02000	.01790	-.002	-10.5	.00265	.000	1
S2	1.2500	1.2812	.031	2.50	.08563	.000	1
S3	2.5000	2.5771	.077	3.09	.17076	.001	1
S4	5.0000	5.1089	.109	2.18	.33705	.002	1
S5	10.000	9.7848	-.215	-2.15	.64399	.003	1

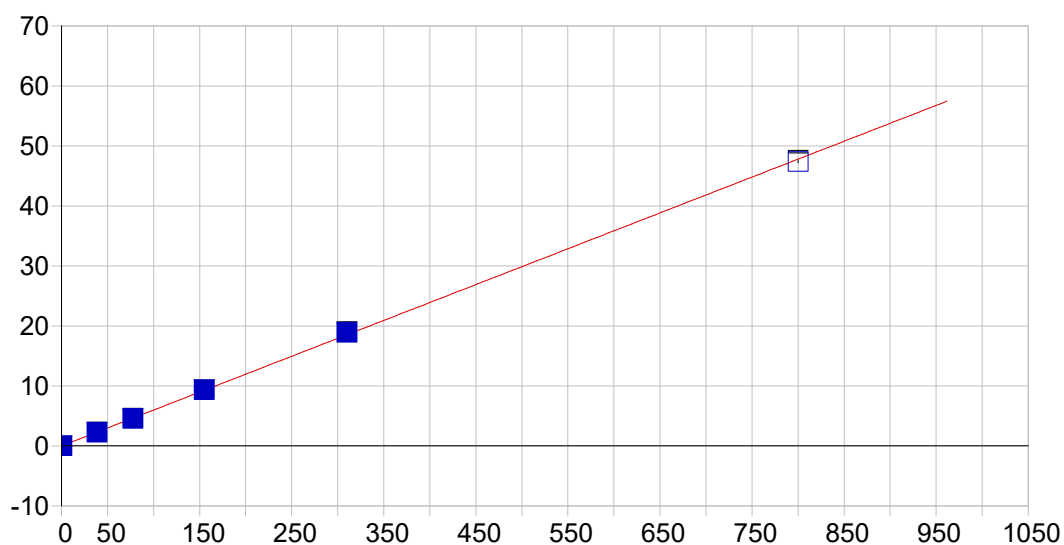


Sb 206.833 {463}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001529 Re-Slope: 1.000000
 A1 (Gain): 0.150737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.002031
 Predicted MQL: 0.006768

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00153	.000	1
S1	.06000	.05862	-.001	-2.30	.01037	.000	1
S2	1.2500	1.2176	-.032	-2.59	.18921	.001	1
S3	2.5000	2.4582	-.042	-1.67	.38036	.001	1
S4	5.0000	4.9927	-.007	-.145	.77070	.000	1
S5	10.000	10.083	.083	.828	1.5545	.004	1

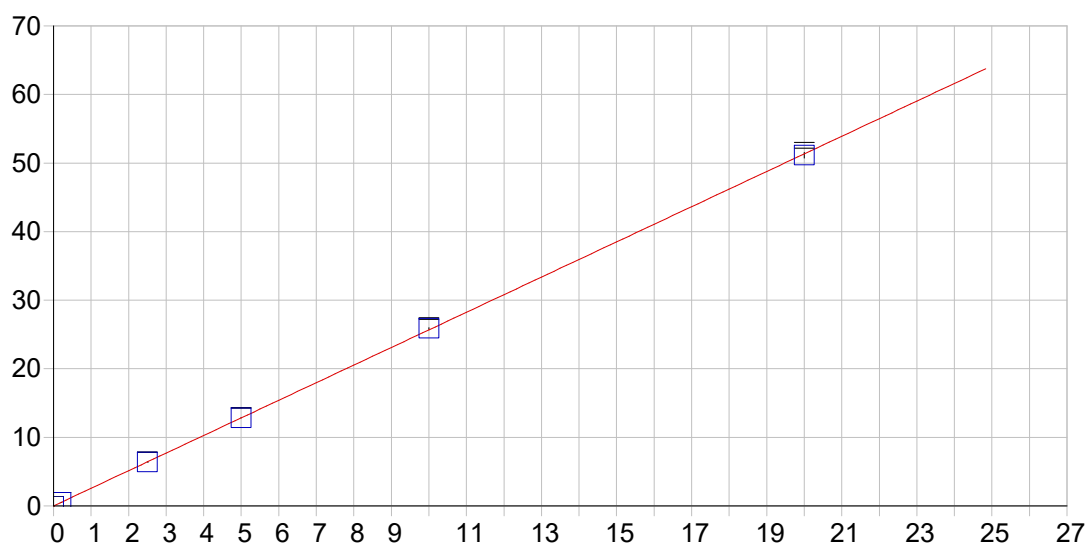


AI 396.152 { 85}

Date of Fit: 02/28/2022 15:08:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000279 Re-Slope: 1.000000
A1 (Gain): 0.059740 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999909 Status: OK.
Std Error of Est: 0.000502
Predicted MDL: 0.010086
Predicted MQL: 0.033620

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00028	.000	1
S1	.20000	.19392	-.006	-3.04	.01188	.001	1
S2	38.750	38.141	-.609	-1.57	2.2814	.003	1
S3	77.500	76.397	-1.10	-1.42	4.5694	.022	1
S4	155.00	156.55	1.55	.999	9.3629	.022	1
S5	310.00	316.92	6.92	2.23	18.954	.119	1
S6	800.00	793.24	-6.76	-.845	47.389	.207	1

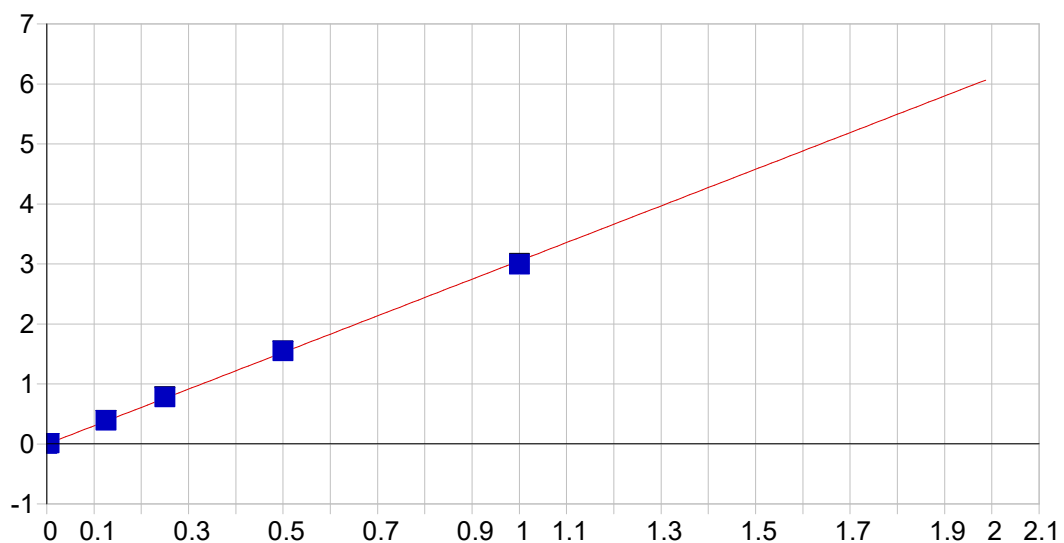


Ba 493.409 { 68}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004630 Re-Slope: 1.000000
 A1 (Gain): 2.566757 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.001401
 Predicted MDL: 0.000516
 Predicted MQL: 0.001720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00463	.001	1
S1	.20000	.19929	-.001	-.356	.51615	.003	1
S2	2.5000	2.4896	-.010	-.417	6.3947	.006	1
S3	5.0000	5.0016	.002	.031	12.842	.021	1
S4	10.000	10.083	.083	.825	25.884	.103	1
S5	20.000	19.927	-.073	-.365	51.153	.433	1

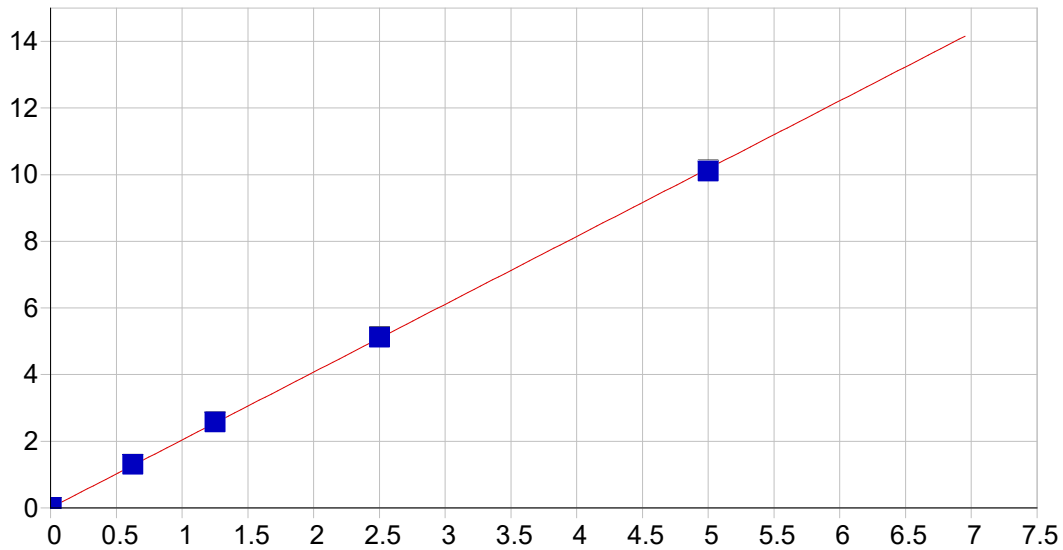


Be 234.861 {144}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003053	Re-Slope:	1.000000
A1 (Gain):	3.053670	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999796	Status:	OK.
Std Error of Est:	0.000231		
Predicted MDL:	0.000087		
Predicted MQL:	0.000291		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00305	.000	1
S1	.00500	.00531	.000	6.12	.01314	.000	1
S2	.12500	.12916	.004	3.33	.39022	.002	1
S3	.25000	.25621	.006	2.49	.77707	.005	1
S4	.50000	.50760	.008	1.52	1.5424	.002	1
S5	1.0000	.98172	-.018	-1.83	2.9857	.015	1

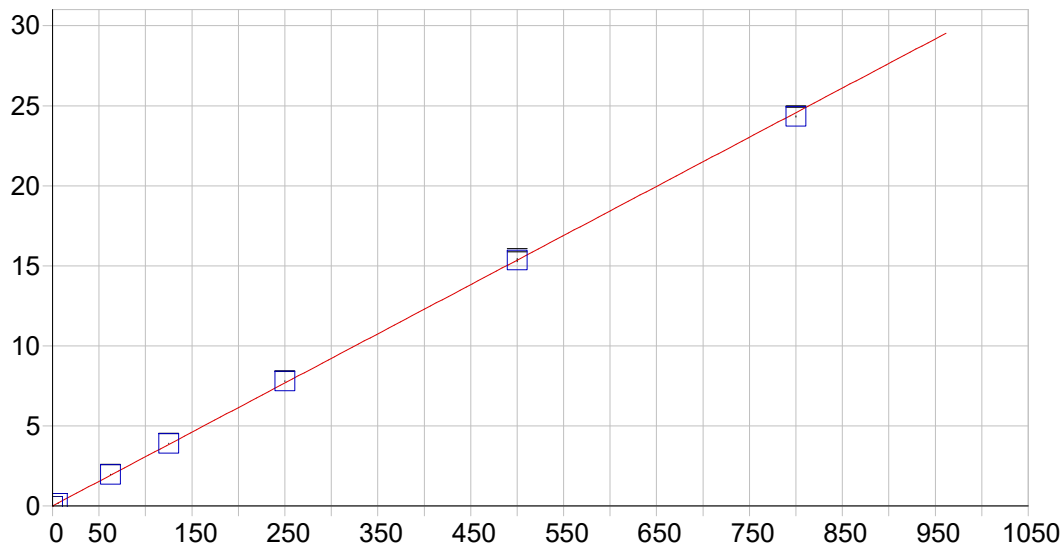


Cd 214.438 {457}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002075	Re-Slope:	1.000000
A1 (Gain):	2.035951	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000170		
Predicted MDL:	0.000126		
Predicted MQL:	0.000420		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00207	.000	1
S1	.00500	.00555	.001	10.9	.01338	.000	1
S2	.62500	.63929	.014	2.29	1.3066	.002	1
S3	1.2500	1.2634	.013	1.07	2.5802	.006	1
S4	2.5000	2.5127	.013	.507	5.1296	.003	1
S5	5.0000	4.9591	-.041	-.818	10.122	.019	1

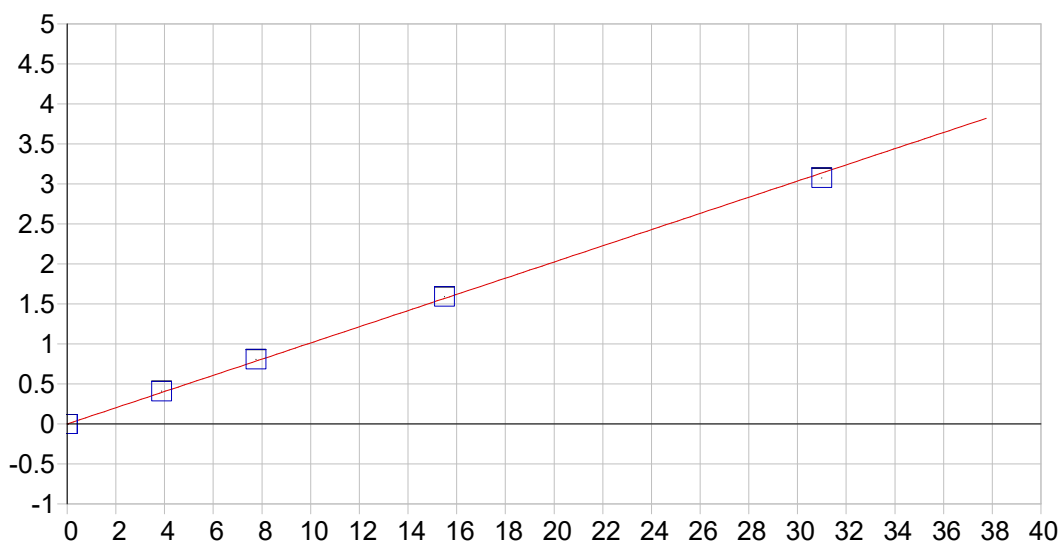


Ca 373.690 { 90}

Date of Fit: 02/28/2022 15:08:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001165 Re-Slope: 1.000000
 A1 (Gain): 0.030712 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.001193
 Predicted MDL: 0.015643
 Predicted MQL: 0.052142

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00035	-.000	.000	.00115	.000	1
S1	5.0000	5.1095	.110	2.19	.15809	.001	1
S2	62.500	64.070	1.57	2.51	1.9689	.001	1
S3	125.00	127.15	2.15	1.72	3.9064	.013	1
S4	250.00	253.96	3.96	1.58	7.8008	.023	1
S5	500.00	499.90	-.098	-.020	15.354	.104	1
S6	800.00	792.31	-7.69	-.962	24.335	.044	1

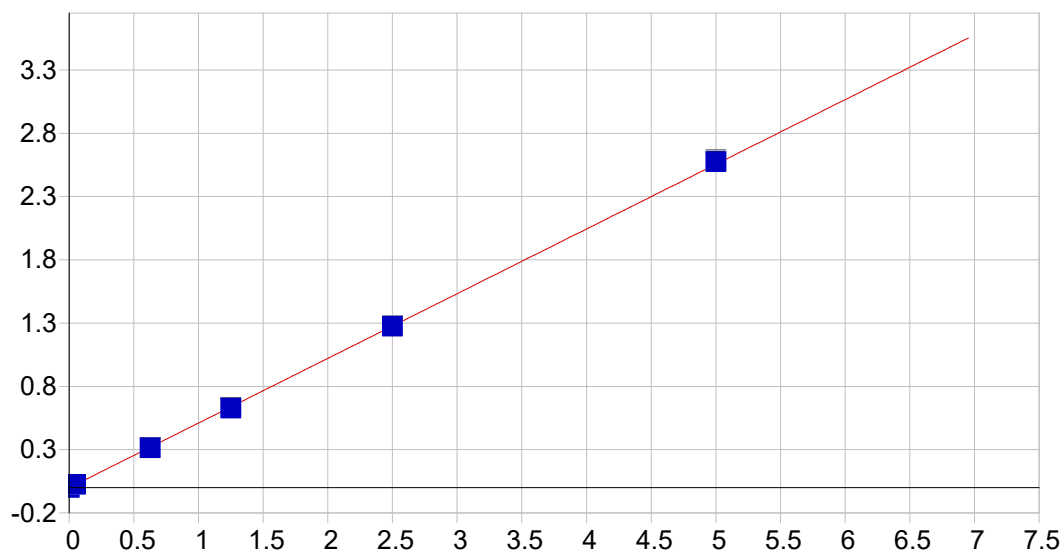


Cr 267.716 {126}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000042	Re-Slope:	1.000000
A1 (Gain):	0.101191	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999751	Status:	OK.
Std Error of Est:	0.000067		
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	-.00004	.000	1
S1	.01000	.01098	.001	9.79	.00107	.000	1
S2	3.8750	4.0492	.174	4.50	.40970	.001	1
S3	7.7500	7.9677	.218	2.81	.80622	.002	1
S4	15.500	15.716	.216	1.39	1.5903	.001	1
S5	31.000	30.391	-.609	-1.96	3.0753	.002	1

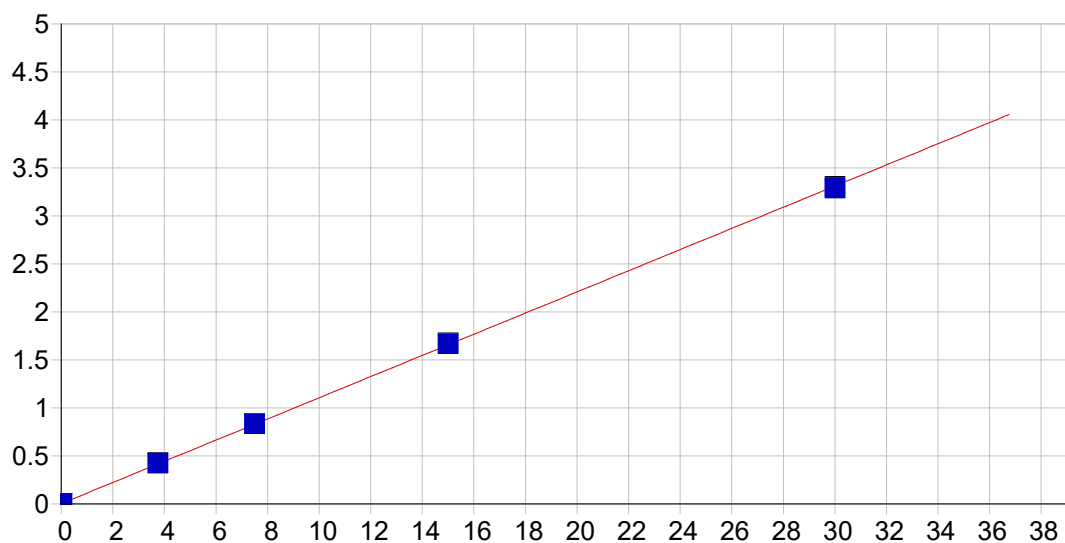


Co 228.616 {448}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001098 Re-Slope: 1.000000
 A1 (Gain): 0.511153 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.000417
 Predicted MQL: 0.001389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00110	.000	1
S1	.05000	.04969	-.000	-.612	.02440	.000	1
S2	.62500	.61414	-.011	-1.74	.31408	.000	1
S3	1.2500	1.2302	-.020	-1.59	.63024	.001	1
S4	2.5000	2.4936	-.006	-.257	1.2786	.001	1
S5	5.0000	5.0374	.037	.748	2.5839	.004	1

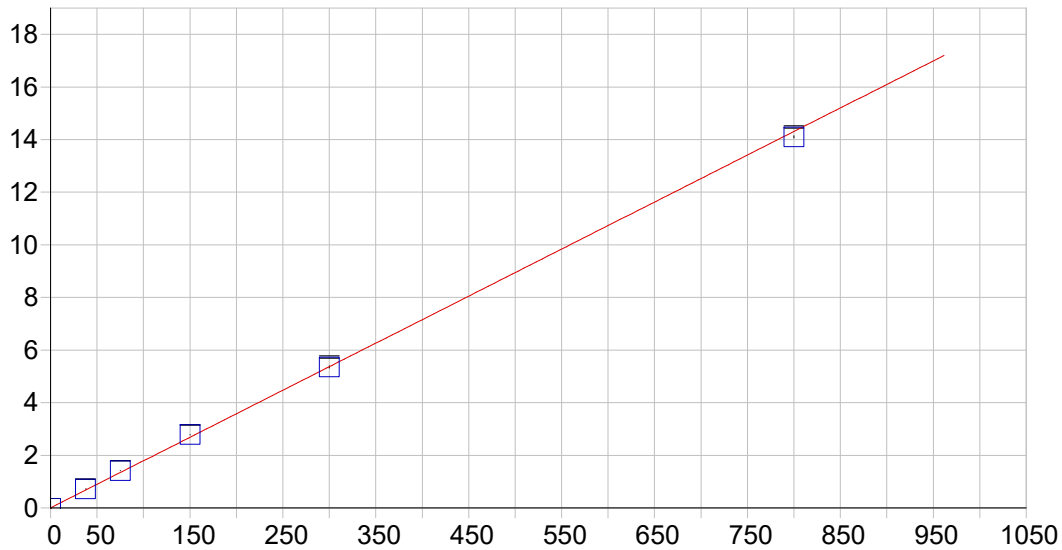


Cu 324.754 {104}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002806	Re-Slope:	1.000000
A1 (Gain):	0.110272	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.002847		
Predicted MQL:	0.009490		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00281	.000	1
S1	.02500	.02493	-.000	-.295	.00555	.000	1
S2	3.7500	3.8241	.074	1.98	.42388	.002	1
S3	7.5000	7.5326	.033	.435	.83222	.005	1
S4	15.000	15.098	.098	.651	1.6652	.008	1
S5	30.000	29.796	-.204	-.681	3.2835	.018	1

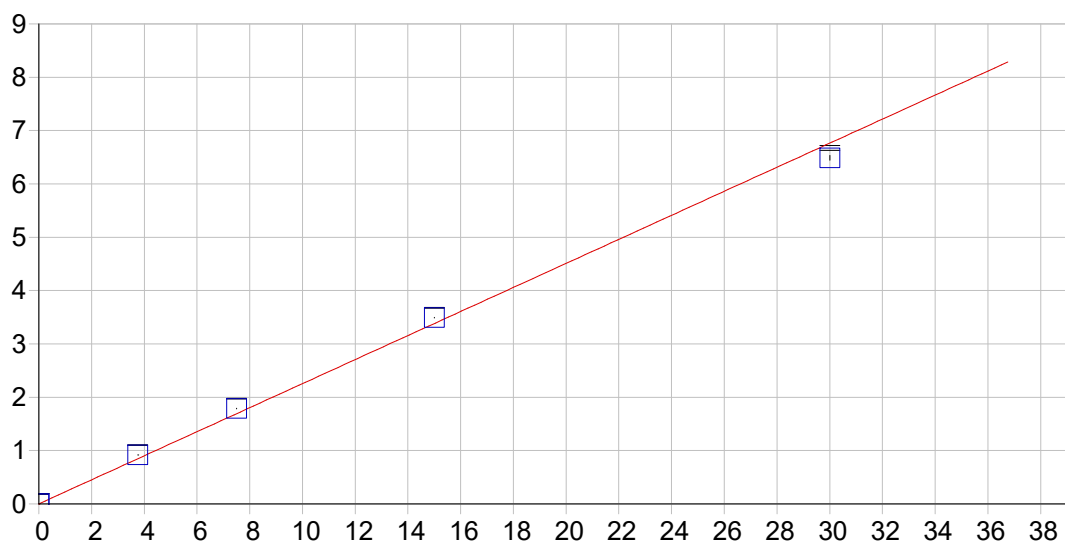


Fe 259.837 {130}

Date of Fit: 02/28/2022 15:08:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002492 Re-Slope: 1.000000
 A1 (Gain): 0.017883 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999716 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.009270
 Predicted MQL: 0.030900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00249	.000	1
S1	.10000	.10920	.009	9.20	.00445	.000	1
S2	37.500	40.208	2.71	7.22	.72152	.001	1
S3	75.000	78.870	3.87	5.16	1.4129	.004	1
S4	150.00	155.60	5.60	3.73	2.7850	.006	1
S5	300.00	299.39	-.611	-.204	5.3564	.043	1
S6	800.00	788.43	-11.6	-1.45	14.102	.042	1

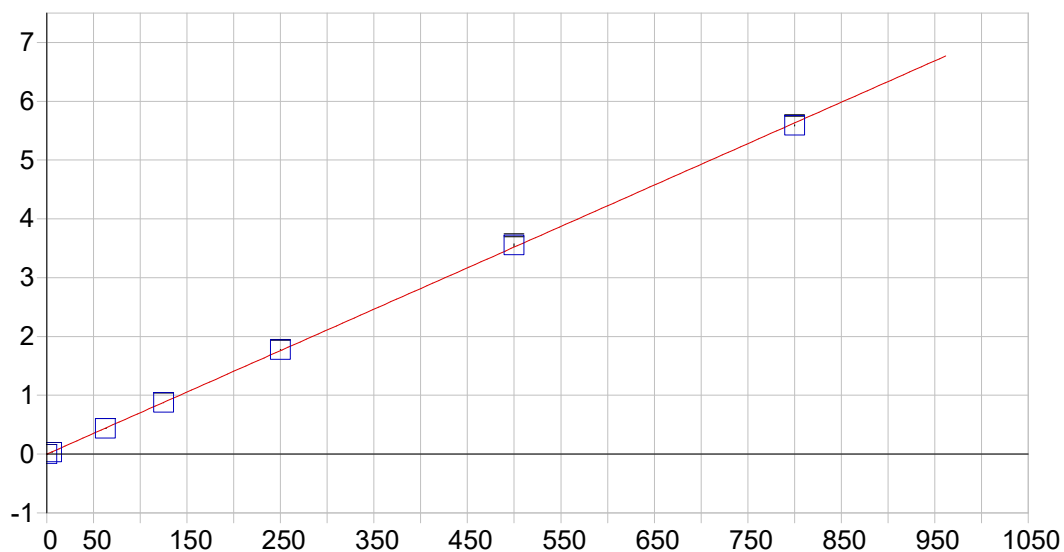


Mn 257.610 {131}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000980 Re-Slope: 1.000000
 A1 (Gain): 0.225422 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998971 Status: OK.
 Std Error of Est: 0.000364
 Predicted MDL: 0.000656
 Predicted MQL: 0.002188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00098	.000	1
S1	.01500	.01726	.002	15.0	.00487	.000	1
S2	3.7500	4.0601	.310	8.27	.91622	.001	1
S3	7.5000	7.9254	.425	5.67	1.7875	.004	1
S4	15.000	15.488	.488	3.25	3.4922	.007	1
S5	30.000	28.775	-1.23	-4.08	6.4874	.046	1

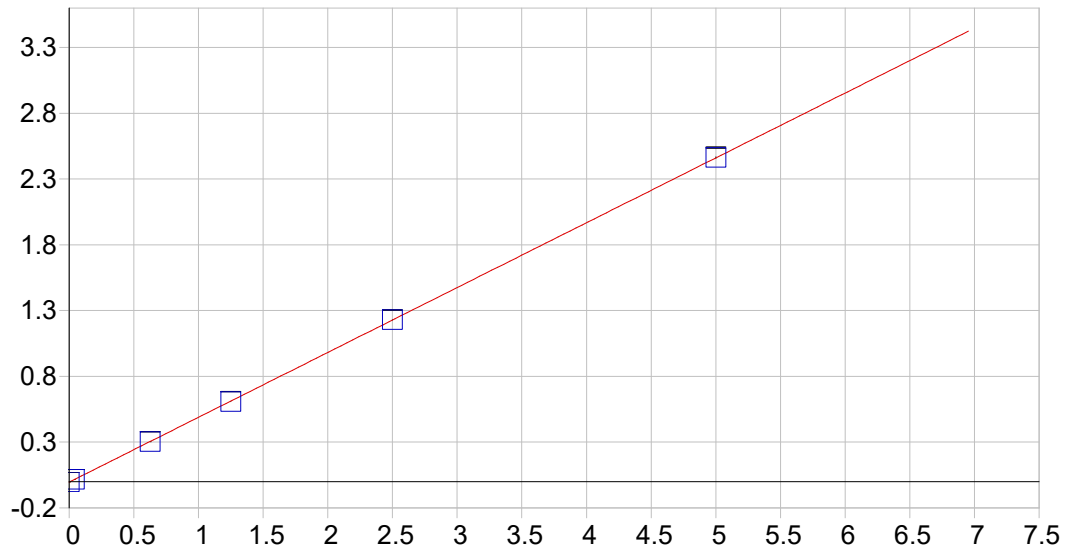


Mg 279.079 {121}

Date of Fit: 02/28/2022 15:08:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000174	Re-Slope:	1.000000
A1 (Gain):	0.007039	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000198		
Predicted MDL:	0.028760		
Predicted MQL:	0.095868		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	-.00017	.000	1
S1	5.0000	5.0511	.051	1.02	.03538	.000	1
S2	62.500	62.160	-.340	-.543	.43740	.001	1
S3	125.00	124.38	-.616	-.492	.87543	.003	1
S4	250.00	252.22	2.22	.886	1.7753	.004	1
S5	500.00	504.67	4.67	.934	3.5524	.025	1
S6	800.00	794.02	-5.98	-.748	5.5893	.010	1

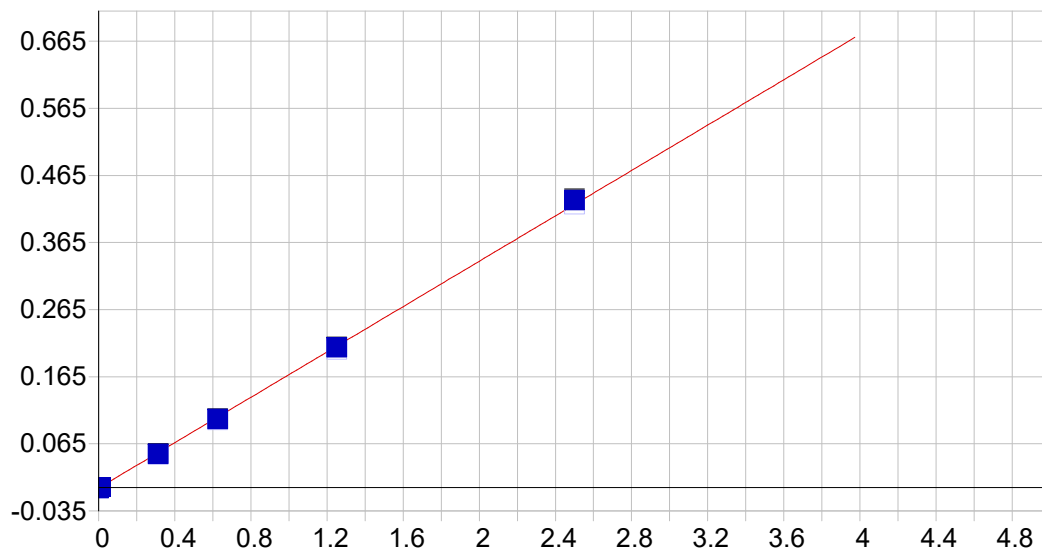


Ni 231.604 {446}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003851	Re-Slope:	1.000000
A1 (Gain):	0.492948	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.000577		
Predicted MQL:	0.001923		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00385	.000	1
S1	.04000	.04104	.001	2.61	.01638	.000	1
S2	.62500	.62250	-.003	-.400	.30301	.000	1
S3	1.2500	1.2423	-.008	-.615	.60854	.000	1
S4	2.5000	2.5020	.002	.078	1.2295	.000	1
S5	5.0000	5.0072	.007	.144	2.4644	.005	1

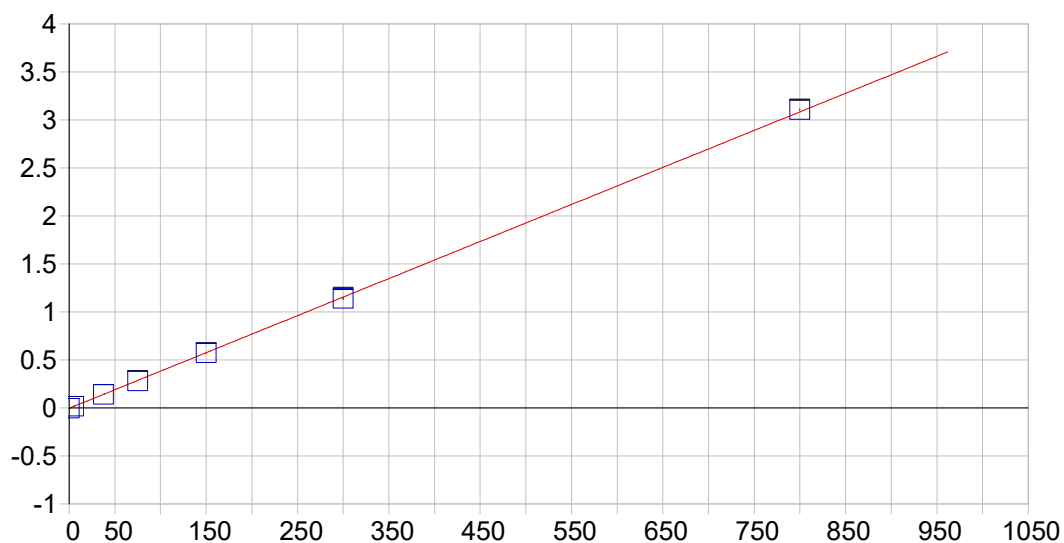


Ag 328.068 {103}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000943 Re-Slope: 1.000000
 A1 (Gain): 0.169048 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000570
 Predicted MQL: 0.001901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.01000	.00960	-.000	-3.99	.00067	.000	1
S2	.31250	.30099	-.012	-3.68	.04916	.000	1
S3	.62500	.60848	-.017	-2.64	.10035	.000	1
S4	1.2500	1.2404	-.010	-.772	.20561	.001	1
S5	2.5000	2.5381	.038	1.52	.42185	.002	1

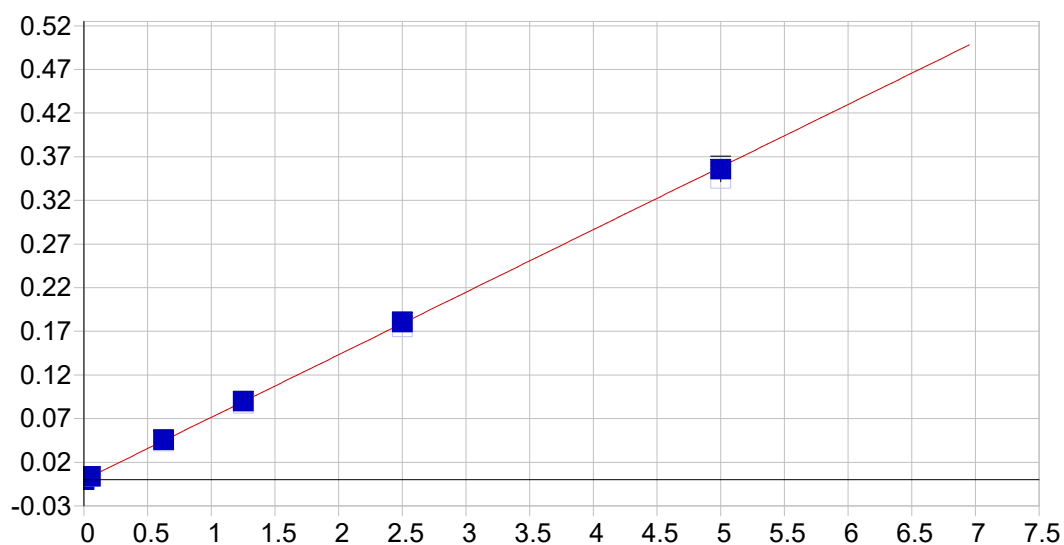


Na 818.326 { 41}

Date of Fit: 02/28/2022 15:08:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003132 Re-Slope: 1.000000
 A1 (Gain): 0.003859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.287940
 Predicted MQL: 0.959801

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	-.00313	.001	1
S1	5.0000	4.8250	-.175	-3.50	.01549	.000	1
S2	37.500	37.250	-.250	-.668	.14060	.001	1
S3	75.000	73.644	-1.36	-1.81	.28104	.002	1
S4	150.00	148.97	-1.03	-.688	.57170	.001	1
S5	300.00	296.59	-3.41	-1.14	1.1413	.012	1
S6	800.00	806.22	6.22	.778	3.1079	.005	1

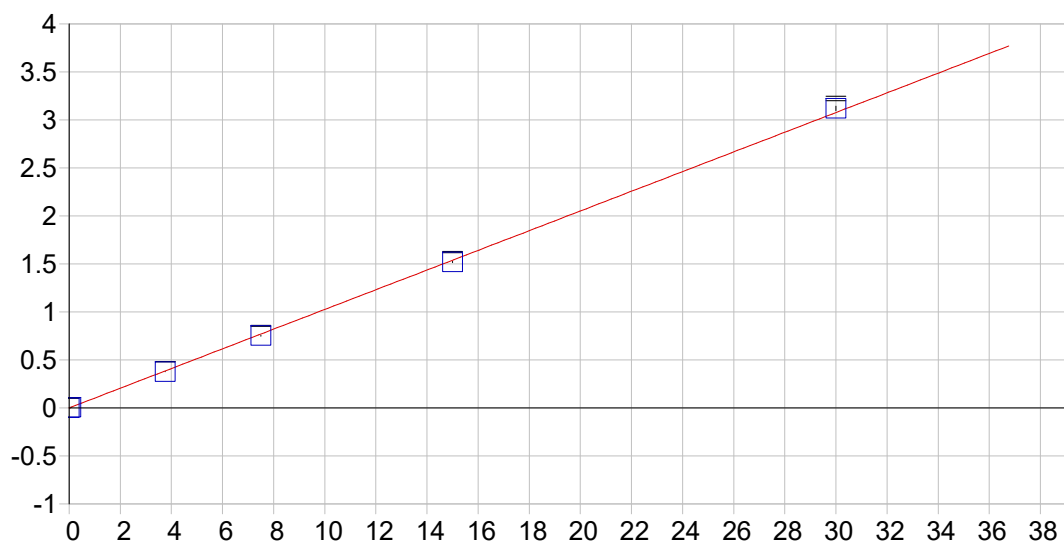


V 292.402 {115}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000167	Re-Slope:	1.000000
A1 (Gain):	0.071677	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.003290		
Predicted MQL:	0.010965		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.05000	.05263	.003	5.25	.00360	.000	1
S2	.62500	.63604	.011	1.77	.04412	.000	1
S3	1.2500	1.2547	.005	.374	.08715	.000	1
S4	2.5000	2.5180	.018	.722	.17509	.001	1
S5	5.0000	4.9635	-.036	-.729	.34516	.004	1

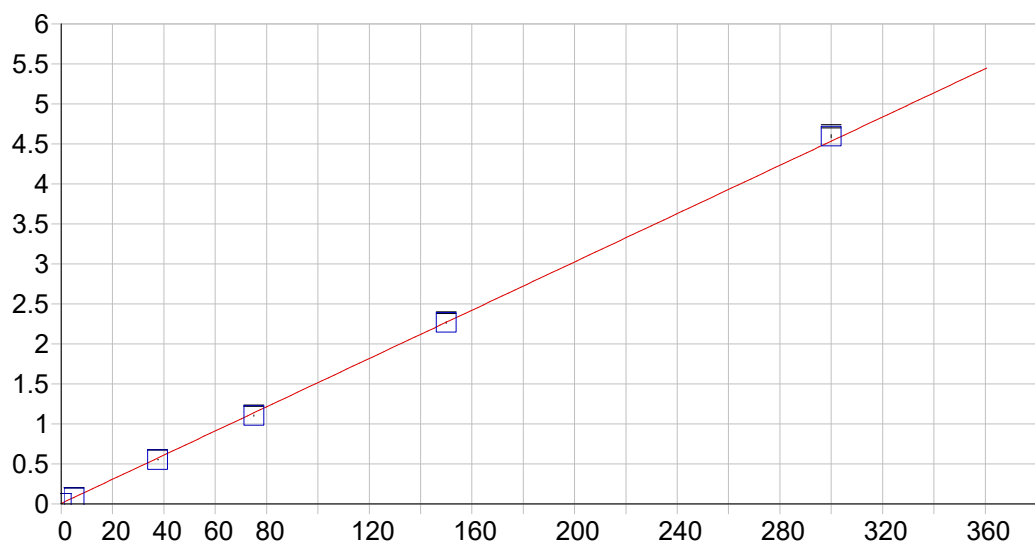


Zn 213.856 {158}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000172	Re-Slope:	1.000000
A1 (Gain):	0.102559	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000112		
Predicted MDL:	0.003873		
Predicted MQL:	0.012909		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00017	.000	1
S1	.06000	.05614	-.004	-6.44	.00593	.001	1
S2	3.7500	3.6801	-.070	-1.87	.37759	.002	1
S3	7.5000	7.3312	-.169	-2.25	.75205	.006	1
S4	15.000	14.826	-.174	-1.16	1.5207	.006	1
S5	30.000	30.416	.416	1.39	3.1196	.024	1

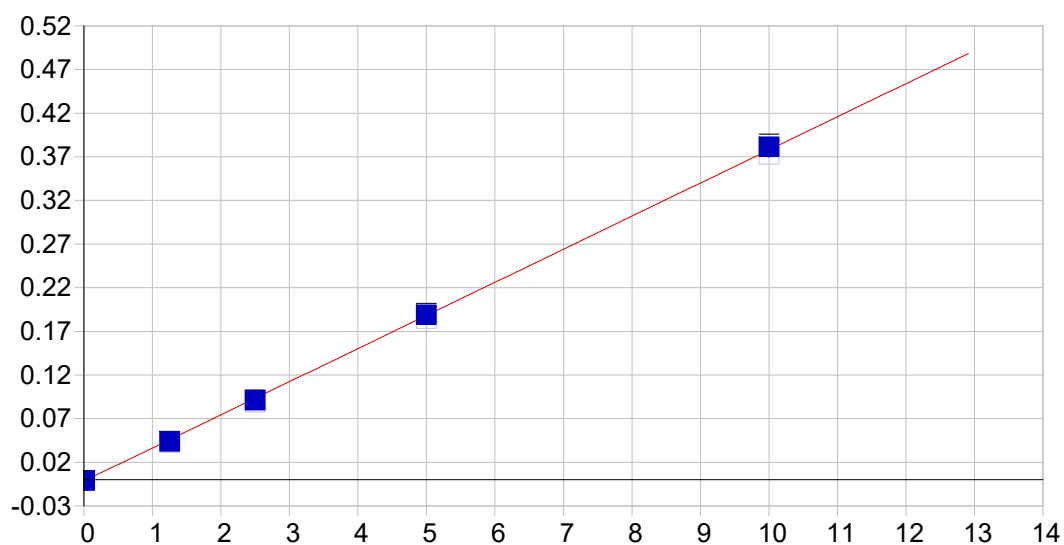


K 769.896 { 44}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005996 Re-Slope: 1.000000
 A1 (Gain): 0.015094 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000567
 Predicted MDL: 0.070444
 Predicted MQL: 0.234815

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00054	.001	.000	.00600	.001	1
S1	5.0000	4.7294	-.271	-5.41	.07738	.001	1
S2	37.500	36.157	-1.34	-3.58	.55177	.002	1
S3	75.000	72.735	-2.26	-3.02	1.1039	.008	1
S4	150.00	149.76	-.245	-.163	2.2665	.010	1
S5	300.00	304.12	4.12	1.37	4.5966	.021	1

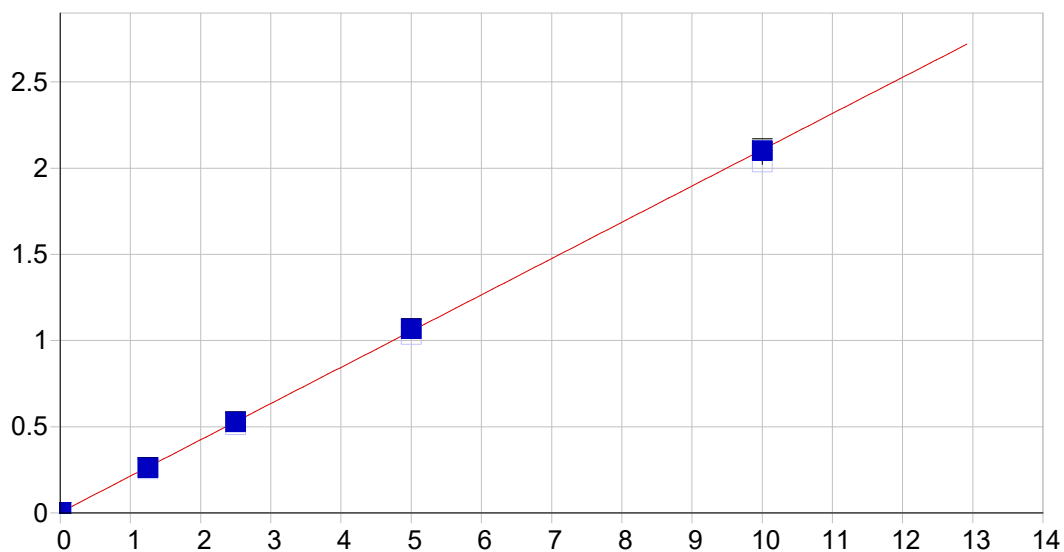


P 177.495 {490}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001524 Re-Slope: 1.000000
 A1 (Gain): 0.037947 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.003550
 Predicted MQL: 0.011833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00152	.000	1
S1	.01000	.01233	.002	23.3	-.00106	.000	1
S2	1.2500	1.1953	-.055	-4.38	.04271	.000	1
S3	2.5000	2.4409	-.059	-2.36	.08886	.000	1
S4	5.0000	5.0179	.018	.357	.18441	.002	1
S5	10.000	10.094	.094	.936	.37254	.003	1

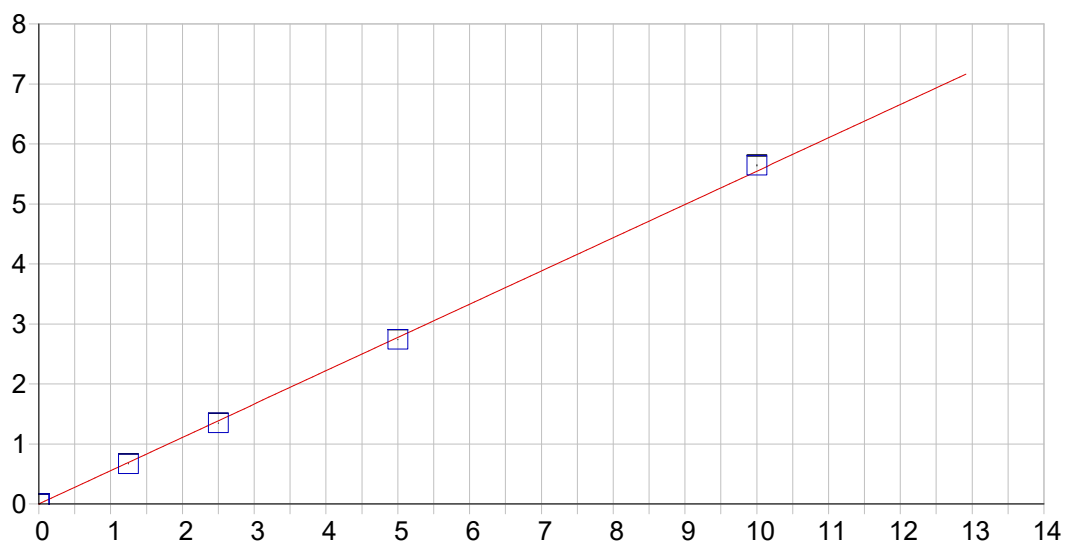


B 249.678 {135}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003174 Re-Slope: 1.000000
 A1 (Gain): 0.210343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.001316
 Predicted MQL: 0.004385

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00318	.000	1
S1	.01000	.00400	-.006	-60.0	.00401	.000	1
S2	1.2500	1.2323	-.018	-1.41	.25401	.001	1
S3	2.5000	2.4874	-.013	-.502	.50965	.003	1
S4	5.0000	5.0630	.063	1.26	1.0347	.002	1
S5	10.000	9.9734	-.027	-.266	2.0341	.011	1

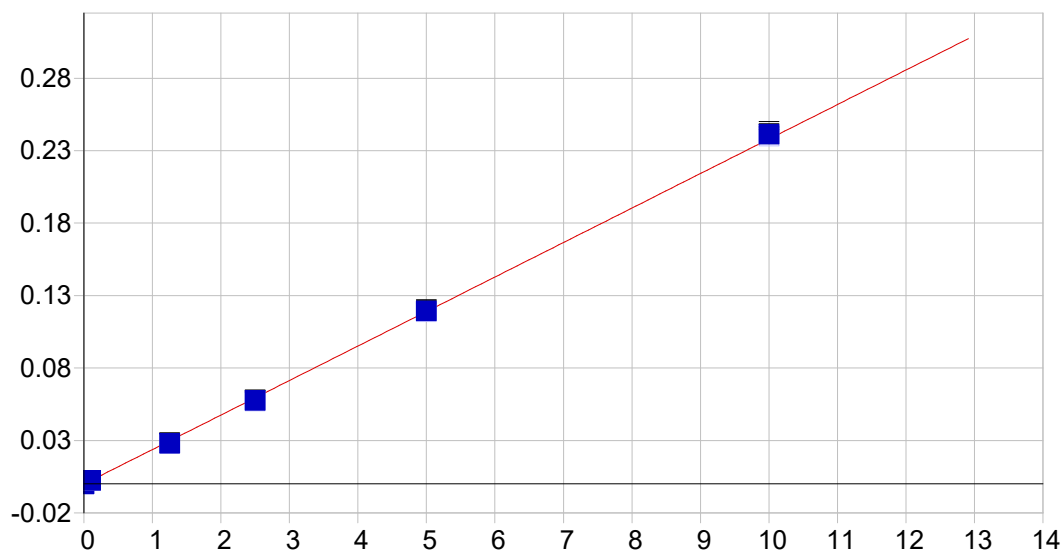


Mo 202.030 {467}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000490 Re-Slope: 1.000000
 A1 (Gain): 0.554584 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.000185
 Predicted MDL: 0.000486
 Predicted MQL: 0.001618

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.01000	.00990	-.000	-1.00	.00598	.000	1
S2	1.2500	1.2055	-.044	-3.56	.66905	.001	1
S3	2.5000	2.4298	-.070	-2.81	1.3480	.002	1
S4	5.0000	4.9385	-.061	-1.23	2.7393	.004	1
S5	10.000	10.176	.176	1.76	5.6441	.010	1

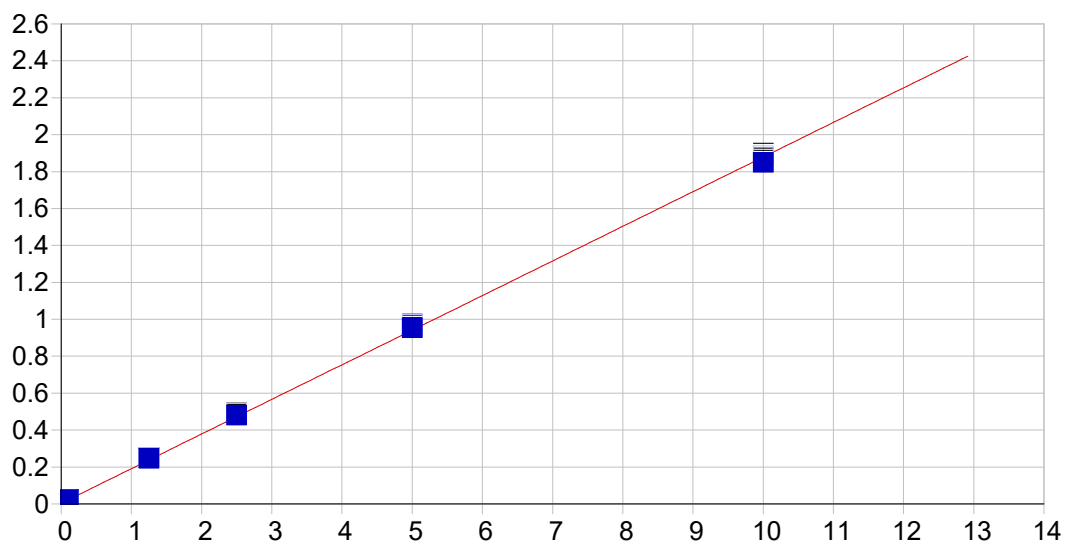


S 182.034 {485}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	0.023812	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999764	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.005754		
Predicted MQL:	0.019181		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00008	.000	1
S1	.10000	.09605	-.004	-3.95	.00220	.000	1
S2	1.2500	1.1809	-.069	-5.53	.02786	.000	1
S3	2.5000	2.4162	-.084	-3.35	.05710	.001	1
S4	5.0000	5.0179	.018	.358	.11869	.001	1
S5	10.000	10.139	.139	1.39	.23992	.002	1

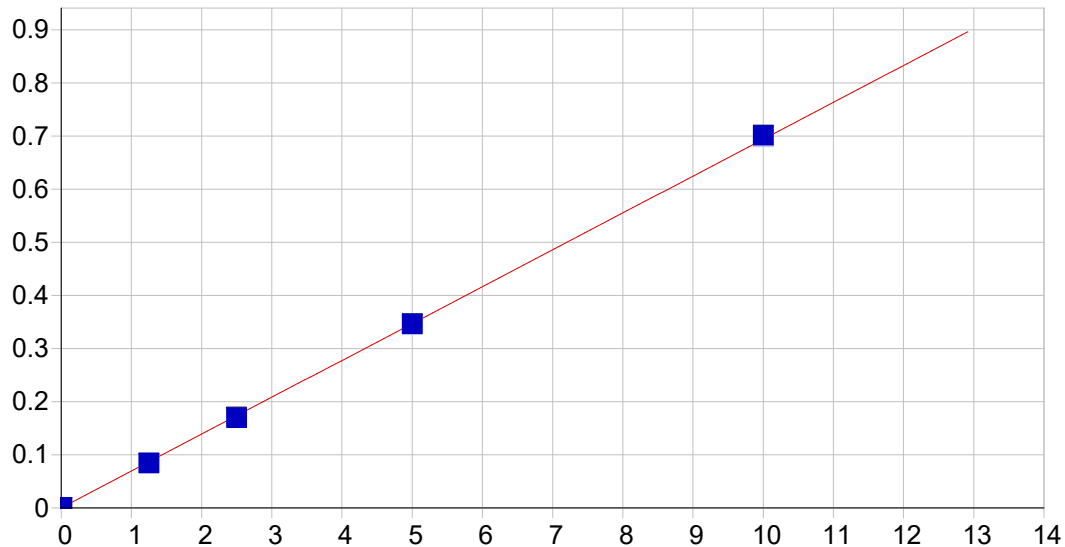


Si 251.611 {134}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003432 Re-Slope: 1.000000
 A1 (Gain): 0.187521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.001431
 Predicted MQL: 0.004770

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00343	.000	1
S1	.10000	.10201	.002	2.01	.02277	.000	1
S2	1.2500	1.2962	.046	3.70	.25119	.001	1
S3	2.5000	2.5464	.046	1.86	.49030	.003	1
S4	5.0000	5.0650	.065	1.30	.97198	.002	1
S5	10.000	9.8404	-.160	-1.60	1.8862	.013	1

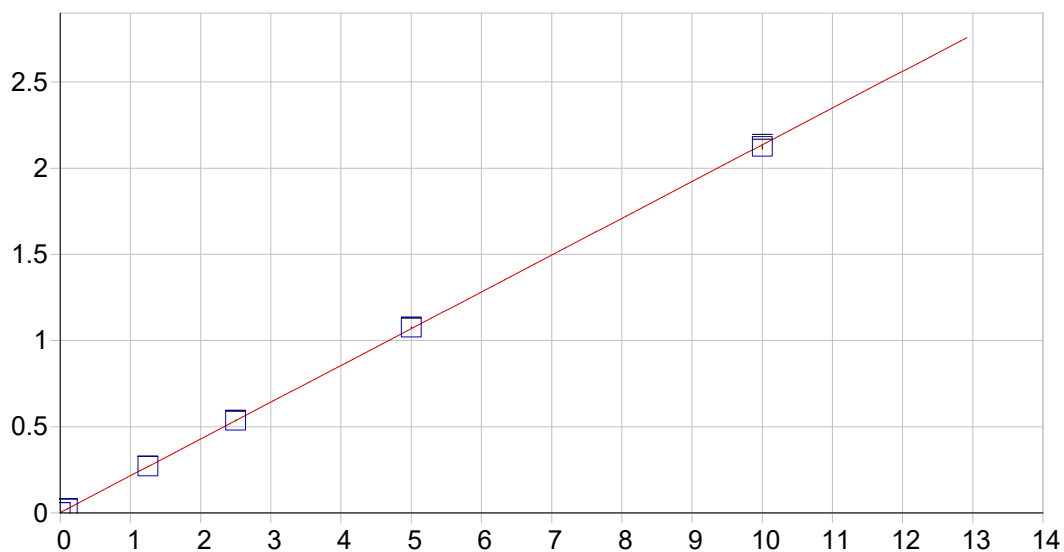


Sn 189.989 {478}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000127	Re-Slope:	1.000000
A1 (Gain):	0.069369	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.001977		
Predicted MQL:	0.006589		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.00700	.00447	-.003	-36.2	.00040	.000	1
S2	1.2500	1.2094	-.041	-3.25	.08358	.000	1
S3	2.5000	2.4473	-.053	-2.11	.16901	.001	1
S4	5.0000	4.9879	-.012	-.243	.34437	.000	1
S5	10.000	10.108	.108	1.08	.69777	.000	1

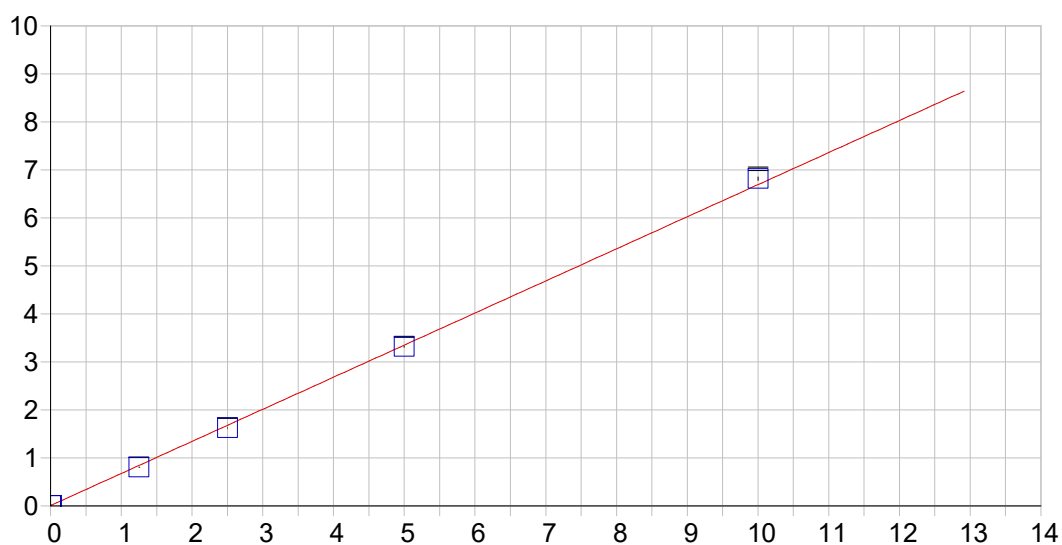


Ti 336.121 {100}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001930	Re-Slope:	1.000000
A1 (Gain):	0.213367	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.001501		
Predicted MQL:	0.005004		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00193	.000	1
S1	.10000	.10243	.002	2.43	.02379	.000	1
S2	1.2500	1.2606	.011	.845	.27089	.000	1
S3	2.5000	2.5032	.003	.127	.53603	.003	1
S4	5.0000	5.0335	.033	.670	1.0759	.003	1
S5	10.000	9.9504	-.050	-.496	2.1250	.013	1

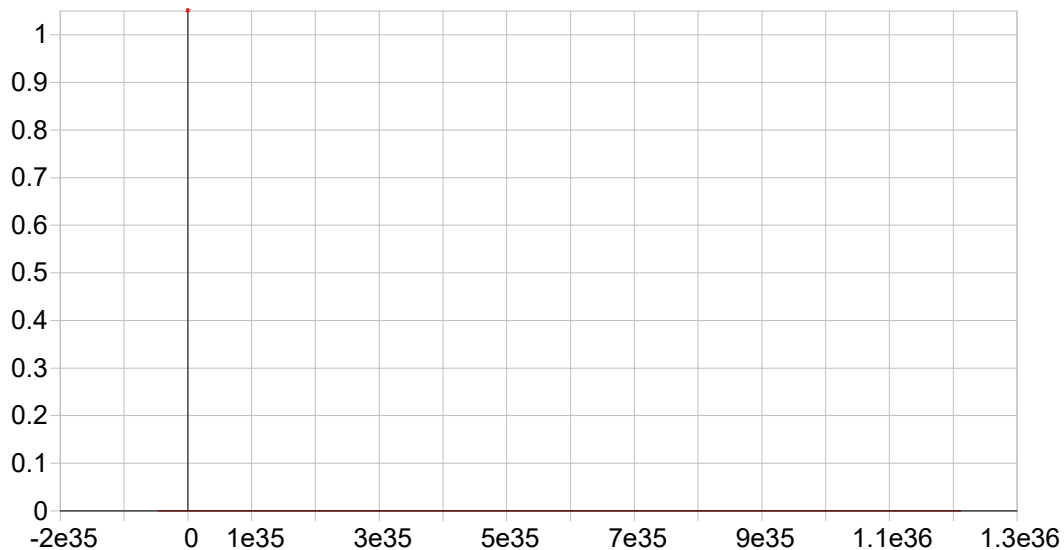


Li 670.784 { 50}

Date of Fit: 02/28/2022 15:03:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007344 Re-Slope: 1.000000
 A1 (Gain): 0.668513 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.000306
 Predicted MDL: 0.001773
 Predicted MQL: 0.005911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00735	.000	1
S5	10.000	10.187	.187	1.87	6.8175	.039	1
S4	5.0000	4.9524	-.048	-.952	3.3181	.011	1
S3	2.5000	2.4180	-.082	-3.28	1.6238	.002	1
S2	1.2500	1.1940	-.056	-4.48	.80557	.001	1
S1	.01500	.01346	-.002	-10.2	.01635	.000	1



**Y 224.306 {450}*
 Y 224.306 {450}***

Date of Fit:	<not fit>
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Type of Fit: Linear

Weighting: 1/Conc

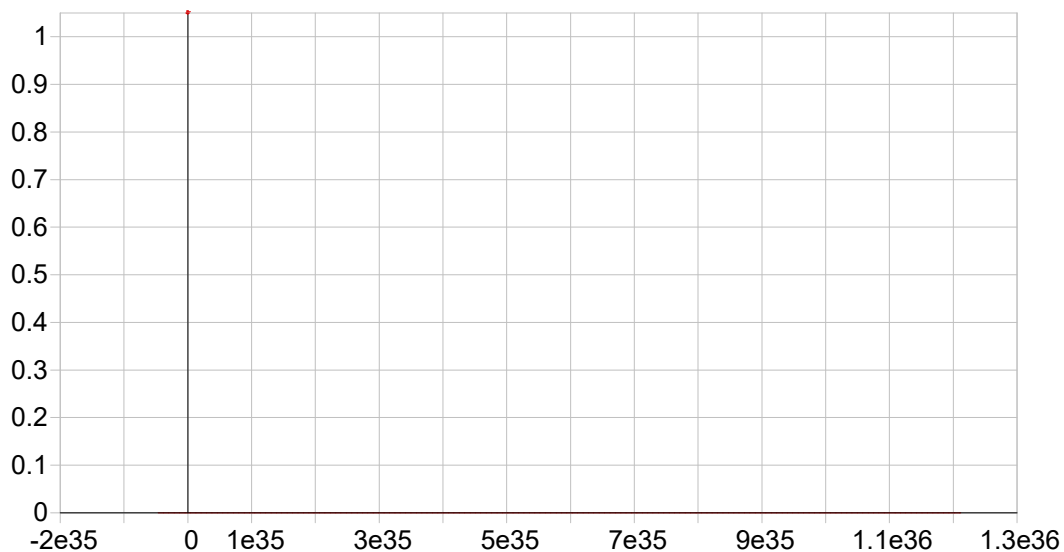
A0 (Offset):	0.000000
A1 (Gain):	0.000000
A2 (Curvature):	0.000000
n (Exponent):	1.000000
Correlation:	0.000000
Std Error of Est:	0.000000
Predicted MDL:	n/a
Predicted MQL:	n/a

Re-Slope: 1.000000

Y-int: 0.000000

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 360.073 { 94}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset):	0.000000
A1 (Gain):	0.000000

Re-Slope: 1.000000

Y-int: 0.000000

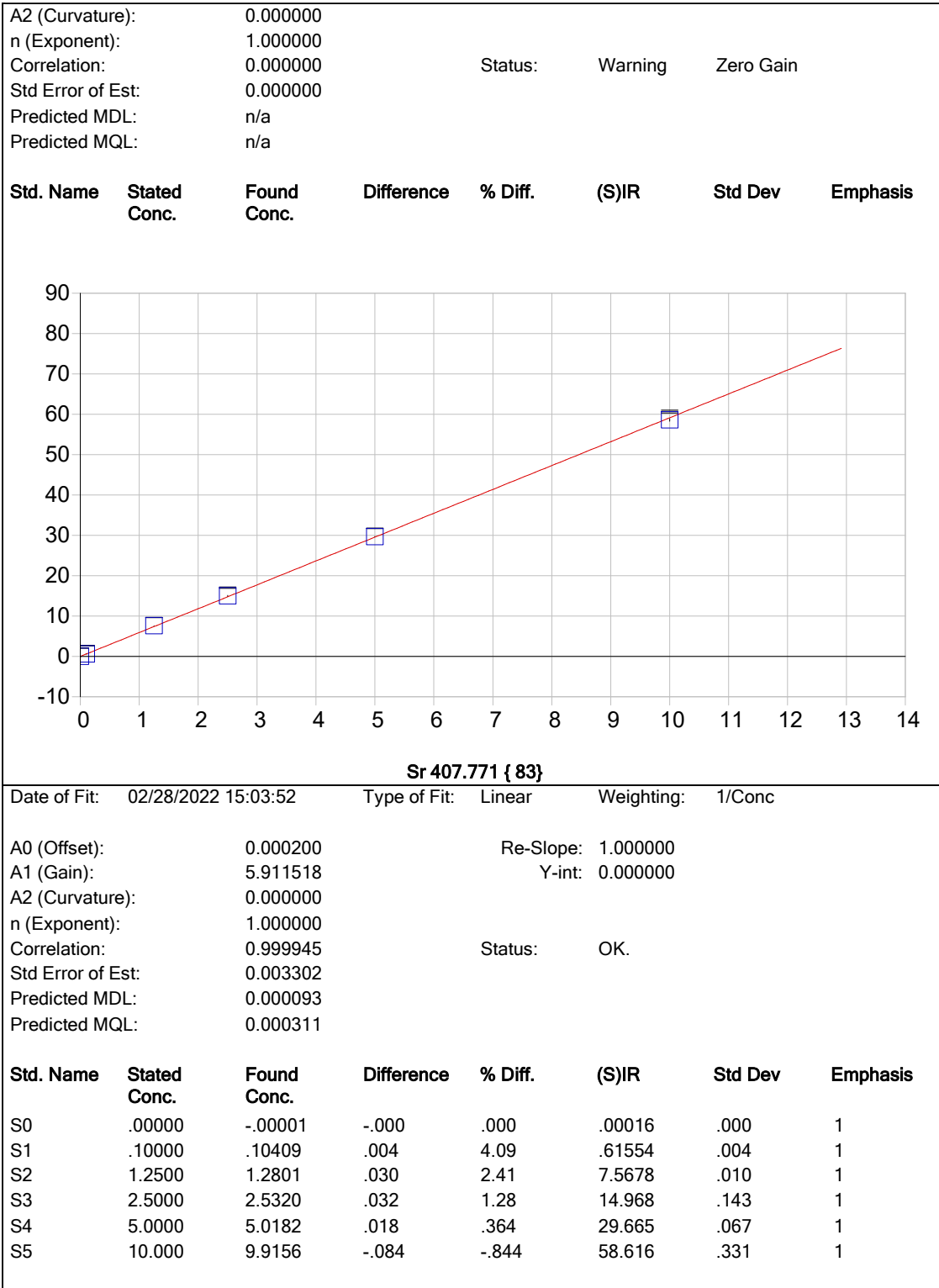




Y 224.306 {150}*

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}*



Sample Name: S0 Acquired: 02/28/2022 14:39:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	-.00060	-.00162	-.00004	.00147	.00153	.00028	.00463	-.00305
Stddev	.00004	.00007	.00045	.00016	.00026	.00040	.00057	.00031
%RSD	7.2549	4.2653	1111.9	10.585	17.241	142.86	12.319	10.111

#1	-.00065	-.00163	-.00022	.00130	.00183	-.00012	.00447	-.00339
#2	-.00058	-.00155	.00047	.00160	.00140	.00068	.00416	-.00298
#3	-.00057	-.00169	-.00037	.00150	.00135	.00028	.00527	-.00279

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	.00207	.00115	-.00004	-.00110	.00281	.00249	.00098	-.00017
Stddev	.00003	.00018	.00003	.00002	.00019	.00012	.00005	.00006
%RSD	1.4749	15.257	70.895	2.1397	6.9118	5.0144	5.2360	34.427

#1	.00208	.00117	-.00008	-.00108	.00301	.00249	.00092	-.00024
#2	.00204	.00132	-.00002	-.00108	.00279	.00237	.00101	-.00012
#3	.00210	.00097	-.00003	-.00112	.00262	.00262	.00100	-.00016

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	-.00385	-.00094	-.00313	-.00017	.00017	.00600	-.00152	.00318
Stddev	.00030	.00011	.00053	.00020	.00027	.00091	.00000	.00047
%RSD	7.8740	12.196	17.049	118.29	156.93	15.166	.25788	14.723

#1	-.00417	-.00103	-.00329	-.00011	.00027	.00555	-.00152	.00359
#2	-.00382	-.00099	-.00357	-.00039	-.00013	.00541	-.00153	.00326
#3	-.00356	-.00081	-.00254	-.00001	.00038	.00705	-.00152	.00267

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	.00049	-.00008	.00343	.00013	.00193	.00735	.00016	
Stddev	.00008	.00009	.00011	.00010	.00030	.00043	.00037	
%RSD	16.150	109.85	3.3506	76.523	15.430	5.7936	237.39	

#1	.00040	-.00003	.00356	.00012	.00172	.00783	.00036	
#2	.00055	-.00003	.00333	.00023	.00179	.00719	-.00027	
#3	.00052	-.00018	.00341	.00003	.00227	.00702	.00039	

Sample Name: S0 Acquired: 02/28/2022 14:39:59 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	2172.9	61432.	10830.	2128.8	3341.7
Stddev	3.1	254.	43.	2.4	3.5
%RSD	.14481	.41282	.40115	.11261	.10545
#1	2169.5	61140.	10879.	2126.1	3344.7
#2	2175.7	61550.	10799.	2129.8	3342.6
#3	2173.4	61604.	10811.	2130.6	3337.9

Sample Name: S1 Acquired: 02/28/2022 14:44:05 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	-.00035	-.00064	.00111	.00265	.01037	.01188	.51615	.01314
Stddev	.00006	.00025	.00018	.00016	.00042	.00052	.00332	.00036
%RSD	17.932	39.233	16.334	6.0205	4.0272	4.4077	.64393	2.7523
#1	-.00032	-.00067	.00090	.00283	.01041	.01243	.51903	.01276
#2	-.00030	-.00038	.00124	.00258	.00994	.01138	.51252	.01317
#3	-.00042	-.00088	.00119	.00254	.01077	.01184	.51692	.01349
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	.01338	.15809	.00107	.02440	.00555	.00445	.00487	.03538
Stddev	.00019	.00121	.00003	.00016	.00015	.00019	.00004	.00025
%RSD	1.4166	.76479	2.6244	.66400	2.6389	4.2165	.82045	.69378
#1	.01342	.15914	.00105	.02455	.00543	.00466	.00485	.03565
#2	.01317	.15677	.00106	.02443	.00550	.00436	.00485	.03533
#3	.01354	.15837	.00110	.02423	.00571	.00431	.00492	.03517
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	.01638	.00067	.01549	.00360	.00593	.07738	-.00106	.00401
Stddev	.00041	.00010	.00049	.00018	.00064	.00088	.00008	.00019
%RSD	2.4806	15.391	3.1399	4.9599	10.795	1.1362	7.1113	4.7823
#1	.01659	.00058	.01510	.00363	.00632	.07839	-.00109	.00423
#2	.01664	.00065	.01603	.00340	.00628	.07676	-.00098	.00393
#3	.01591	.00079	.01532	.00376	.00519	.07700	-.00113	.00387
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	.00598	.00220	.02277	.00040	.02379	.01635	.61554	
Stddev	.00010	.00006	.00026	.00008	.00020	.00035	.00355	
%RSD	1.6460	2.8985	1.1573	20.379	.85162	2.1294	.57607	
#1	.00588	.00219	.02271	.00032	.02393	.01667	.61960	
#2	.00597	.00227	.02255	.00048	.02387	.01639	.61403	
#3	.00608	.00215	.02306	.00040	.02355	.01598	.61301	

Sample Name: S1 Acquired: 02/28/2022 14:44:05 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	2161.5	60967.	10904.	2108.2	3382.1
Stddev	6.6	417.	46.	8.0	4.9
%RSD	.30692	.68359	.42404	.37832	.14472
#1	2165.3	60887.	10874.	2104.8	3386.2
#2	2165.3	60596.	10957.	2102.5	3383.4
#3	2153.8	61418.	10881.	2117.3	3376.7

Sample Name: S2 Acquired: 02/28/2022 14:48:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	.03475	.05539	.68096	.08563	.18921	2.2814	6.3947	.39022
Stddev	.00021	.00056	.00039	.00035	.00061	.0032	.0056	.00171
%RSD	.61834	1.0170	.05658	.41098	.32247	.14007	.08825	.43745

#1	.03478	.05565	.68085	.08579	.18944	2.2785	6.4007	.39116
#2	.03452	.05577	.68139	.08586	.18968	2.2810	6.3942	.38825
#3	.03495	.05474	.68065	.08522	.18852	2.2848	6.3894	.39124

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	1.3066	1.9689	.40970	.31408	.42388	.72152	.91622	.43740
Stddev	.0024	.0014	.00110	.00030	.00204	.00142	.00062	.00056
%RSD	.18037	.07376	.26818	.09413	.48038	.19661	.06795	.12759

#1	1.3040	1.9703	.41025	.31391	.42225	.72008	.91670	.43768
#2	1.3072	1.9674	.41041	.31443	.42616	.72291	.91646	.43676
#3	1.3086	1.9690	.40844	.31392	.42323	.72158	.91552	.43777

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	.30301	.04916	.14060	.04412	.37759	.55177	.04271	.25401
Stddev	.00046	.00011	.00077	.00006	.00239	.00165	.00021	.00098
%RSD	.15225	.23346	.54539	.13200	.63353	.29866	.48578	.38546

#1	.30254	.04908	.13980	.04406	.37564	.54986	.04290	.25395
#2	.30347	.04929	.14068	.04411	.38026	.55273	.04275	.25502
#3	.30301	.04911	.14133	.04418	.37688	.55271	.04249	.25307

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	.66905	.02786	.25119	.08358	.27089	.80557	7.5678
Stddev	.00112	.00030	.00060	.00022	.00004	.00134	.0098
%RSD	.16680	1.0758	.23777	.25862	.01431	.16676	.12942

#1	.67004	.02811	.25144	.08357	.27087	.80580	7.5595
#2	.66784	.02753	.25050	.08337	.27087	.80413	7.5786
#3	.66926	.02794	.25161	.08380	.27094	.80679	7.5654

Sample Name: S2 Acquired: 02/28/2022 14:48:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	2099.8	60347.	10807.	2049.0	3310.6
Stddev	2.1	182.	29.	.9	1.4
%RSD	.09844	.30101	.26654	.04473	.04220
#1	2097.5	60260.	10774.	2048.9	3310.7
#2	2101.6	60225.	10827.	2050.0	3309.2
#3	2100.4	60556.	10819.	2048.2	3312.0

Sample Name: S3 Acquired: 02/28/2022 14:52:03 Type: Cal
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	.07081	.11428	1.3685	.17076	.38036	4.5694	12.842	.77707
Stddev	.00017	.00025	.0021	.00053	.00065	.0220	.021	.00476
%RSD	.23599	.21504	.15001	.30746	.16958	.48034	.16404	.61234

#1	.07067	.11415	1.3684	.17056	.38031	4.5570	12.824	.78154
#2	.07099	.11413	1.3664	.17036	.38103	4.5565	12.838	.77207
#3	.07077	.11457	1.3706	.17135	.37975	4.5948	12.865	.77760

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	2.5802	3.9064	.80622	.63024	.83222	1.4129	1.7875	.87543
Stddev	.0059	.0131	.00160	.00098	.00456	.0045	.0037	.00272
%RSD	.23019	.33561	.19889	.15539	.54830	.31535	.20446	.31115

#1	2.5747	3.8940	.80702	.62978	.83172	1.4105	1.7858	.87296
#2	2.5794	3.9051	.80437	.62958	.82792	1.4102	1.7850	.87496
#3	2.5865	3.9201	.80726	.63137	.83701	1.4180	1.7917	.87835

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	.60854	.10035	.28104	.08715	.75205	1.1039	.08886	.50965
Stddev	.00039	.00013	.00193	.00024	.00624	.0082	.00017	.00286
%RSD	.06404	.13331	.68648	.27867	.82911	.74407	.19293	.56107

#1	.60810	.10050	.27954	.08694	.74549	1.1049	.08868	.51223
#2	.60884	.10032	.28036	.08711	.75790	1.0952	.08888	.50658
#3	.60868	.10024	.28322	.08741	.75277	1.1115	.08902	.51015

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	1.3480	.05710	.49030	.16901	.53603	1.6238	14.968
Stddev	.0015	.00058	.00258	.00088	.00296	.0022	.143
%RSD	.11493	1.0229	.52716	.52330	.55256	.13800	.95670

#1	1.3466	.05645	.49273	.16864	.53360	1.6257	14.937
#2	1.3477	.05725	.48758	.16837	.53515	1.6214	14.843
#3	1.3497	.05759	.49060	.17002	.53933	1.6245	15.124

Sample Name: S3 Acquired: 02/28/2022 14:52:03 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	2029.3	59492.	10717.	2001.8	3191.4
Stddev	3.8	72.	38.	3.7	1.5
%RSD	.18508	.12047	.35356	.18697	.04558
#1	2029.0	59481.	10695.	2004.5	3191.2
#2	2025.6	59426.	10761.	1997.6	3190.1
#3	2033.1	59569.	10696.	2003.5	3193.0

Sample Name: S4 Acquired: 02/28/2022 14:55:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	.14508	.23238	2.7856	.33705	.77070	9.3629	25.884	1.5424
Stddev	.00071	.00113	.0012	.00167	.00045	.0225	.103	.0022
%RSD	.48867	.48605	.04193	.49586	.05807	.23985	.39686	.14088

#1	.14484	.23181	2.7869	.33522	.77056	9.3552	25.949	1.5444
#2	.14588	.23369	2.7847	.33851	.77034	9.3882	25.938	1.5428
#3	.14453	.23165	2.7852	.33740	.77120	9.3453	25.766	1.5401

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	5.1296	7.8008	1.5903	1.2786	1.6652	2.7850	3.4922	1.7753
Stddev	.0033	.0233	.0013	.0011	.0083	.0058	.0074	.0036
%RSD	.06477	.29862	.07966	.08617	.49714	.20699	.21147	.20495

#1	5.1287	7.8116	1.5912	1.2780	1.6594	2.7791	3.4903	1.7737
#2	5.1269	7.8168	1.5908	1.2779	1.6747	2.7906	3.5003	1.7794
#3	5.1333	7.7741	1.5888	1.2798	1.6615	2.7852	3.4859	1.7727

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	1.2295	.20561	.57170	.17509	1.5207	2.2665	.18441	1.0347
Stddev	.0005	.00066	.00054	.00054	.0063	.0098	.00189	.0018
%RSD	.03936	.32071	.09459	.30781	.41764	.43367	1.0222	.16912

#1	1.2297	.20486	.57180	.17497	1.5141	2.2568	.18383	1.0364
#2	1.2298	.20611	.57112	.17569	1.5268	2.2765	.18652	1.0329
#3	1.2289	.20585	.57219	.17463	1.5212	2.2661	.18288	1.0347

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	2.7393	.11869	.97198	.34437	1.0759	3.3181	29.665
Stddev	.0041	.00095	.00230	.00042	.0029	.0111	.067
%RSD	.15068	.79974	.23620	.12156	.27135	.33531	.22742

#1	2.7346	.11778	.97439	.34474	1.0746	3.3174	29.589
#2	2.7423	.11967	.97172	.34444	1.0793	3.3296	29.716
#3	2.7410	.11863	.96982	.34392	1.0739	3.3073	29.691

Sample Name: S4 Acquired: 02/28/2022 14:55:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	1925.7	58766.	10594.	1930.9	3017.9
Stddev	5.5	56.	26.	2.7	7.6
%RSD	.28447	.09526	.24956	.13827	.25271
#1	1924.3	58801.	10582.	1932.7	3014.4
#2	1921.1	58702.	10576.	1927.9	3012.7
#3	1931.8	58796.	10625.	1932.2	3026.7

Sample Name: S5 Acquired: 02/28/2022 14:59:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	.29574	.46062	5.6539	.64399	1.5545	18.954	51.153	2.9857
Stddev	.00168	.00247	.0121	.00338	.0037	.119	.433	.0153
%RSD	.56805	.53522	.21355	.52553	.23945	.62576	.84625	.51186

#1	.29555	.46137	5.6513	.64441	1.5509	19.091	51.455	3.0010
#2	.29751	.46262	5.6433	.64715	1.5583	18.879	51.346	2.9857
#3	.29417	.45786	5.6670	.64042	1.5544	18.892	50.657	2.9705

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	10.122	15.354	3.0753	2.5839	3.2835	5.3564	6.4874	3.5524
Stddev	.019	.104	.0018	.0043	.0179	.0428	.0459	.0253
%RSD	.19066	.67560	.05813	.16787	.54409	.79823	.70767	.71243

#1	10.122	15.472	3.0765	2.5815	3.3041	5.4050	6.5383	3.5815
#2	10.103	15.276	3.0761	2.5813	3.2744	5.3246	6.4490	3.5349
#3	10.142	15.315	3.0732	2.5889	3.2721	5.3395	6.4751	3.5410

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	2.4644	.42185	1.1413	.34516	3.1196	4.5966	.37254	2.0341
Stddev	.0052	.00194	.0115	.00384	.0244	.0210	.00324	.0114
%RSD	.21234	.46013	1.0101	1.1118	.78066	.45612	.87085	.55803

#1	2.4629	.42304	1.1545	.34954	3.1477	4.6191	.37356	2.0461
#2	2.4601	.41961	1.1330	.34242	3.1040	4.5929	.37515	2.0325
#3	2.4703	.42290	1.1365	.34351	3.1072	4.5777	.36891	2.0236

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	5.6441	.23992	1.8862	.69777	2.1250	6.8175	58.616	
Stddev	.0100	.00184	.0129	.00011	.0133	.0390	.331	
%RSD	.17673	.76744	.68602	.01598	.62791	.57267	.56549	

#1	5.6366	.24131	1.8974	.69784	2.1401	6.8623	58.634	
#2	5.6554	.24062	1.8891	.69764	2.1149	6.7992	58.939	
#3	5.6402	.23783	1.8720	.69784	2.1201	6.7910	58.276	

Sample Name: S5 Acquired: 02/28/2022 14:59:53 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	1767.3	56778.	10393.	1781.8	2786.3
Stddev	6.9	126.	62.	6.7	3.3
%RSD	.38770	.22106	.59956	.37585	.11723
#1	1771.7	56683.	10335.	1774.1	2790.0
#2	1759.4	56920.	10385.	1785.1	2784.3
#3	1770.7	56732.	10459.	1786.2	2784.5

Sample Name: S6 Acquired: 02/28/2022 15:03:57 Type: Cal
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) 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	47.389	24.335	14.102	5.5893	3.1079
Stddev	.207	.044	.042	.0102	.0051
%RSD	.43753	.18087	.29761	.18250	.16501

#1	47.450	24.344	14.145	5.6010	3.1135
#2	47.558	24.374	14.098	5.5842	3.1034
#3	47.158	24.287	14.062	5.5826	3.1068

Int. Std.	Y_3710
Units	Cts/S
Avg	10156.
Stddev	43.
%RSD	.42544

#1	10127.
#2	10135.
#3	10205.

Sample Name: ICV011 Acquired: 02/28/2022 15:26:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.036857	1.019332	1.003733	1.087031	.9389424	2.438649
Stddev	.013171	.002494	.005864	.005235	.0017614	.010351
%RSD	1.270288	.2446453	.5842422	.4815742	.1875923	.4244431

#1	1.050966	1.016625	.998037	1.083771	.9381149	2.450591
#2	1.034719	1.019836	1.003410	1.084253	.9377472	2.433088
#3	1.024885	1.021535	1.009752	1.093069	.9409652	2.432267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5204632	.5302259	.5447818	10.50265	.5635900	.5196257
Stddev	.0022333	.0029954	.0007452	.03860	.0033031	.0011613
%RSD	.4290892	.5649215	.1367923	.3675220	.5860726	.2234947

#1	.5178852	.5336846	.5440585	10.46817	.5608081	.5186601
#2	.5218058	.5284938	.5447398	10.54435	.5672406	.5209144
#3	.5216987	.5284992	.5455471	10.49543	.5627214	.5193025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5189276	10.91506	.5653170	5.794263	.5370395	.2392950
Stddev	.0030749	.05441	.0009979	.047209	.0003208	.0008171
%RSD	.5925449	.4984574	.1765131	.8147582	.0597378	.3414612

#1	.5217877	10.96152	.5643060	5.753233	.5366734	.2402278
#2	.5156756	10.85521	.5653439	5.845860	.5372713	.2389509
#3	.5193195	10.92845	.5663012	5.783695	.5371739	.2387062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.893631	.5275513	.9873755	9.323725	F .0021420	5.129389
Stddev	.214502	.0016979	.0093243	.076355	.0034398	.009249
%RSD	2.168077	.3218490	.9443562	.8189320	160.5861	.1803231

#1	10.12353	.5291935	.9769079	9.381231	.0056483	5.138965
#2	9.85849	.5258027	.9947923	9.352850	.0020050	5.128697
#3	9.69887	.5276579	.9904264	9.237094	-.001227	5.120505

Sample Name: ICV011 Acquired: 02/28/2022 15:26:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.873793	F .0171618	4.768725	4.947445	5.146990	F .0000302
Stddev	.009111	.0010511	.010782	.003984	.002987	.0006833
%RSD	.1869330	6.124471	.2260963	.0805215	.0580253	2266.353
#1	4.871640	.0181335	4.781113	4.943989	5.147748	.0002272
#2	4.865952	.0173057	4.761459	4.951802	5.143697	.0005932
#3	4.883788	.0160462	4.763602	4.946545	5.149524	-.000730

Elem	Sr4077
Units	ppm
Avg	F .0012328
Stddev	.0000772
%RSD	6.258669
#1	.0011943
#2	.0011825
#3	.0013216

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.323	60607.99	10953.45	2076.528	3358.043
Stddev	2.814	343.61	47.20	10.482	4.749
%RSD	.1318605	.5669422	.4309179	.5047903	.1414157
#1	2137.206	60905.35	10909.85	2076.163	3362.349
#2	2134.180	60231.82	10946.92	2066.234	3358.831
#3	2131.583	60686.82	11003.57	2087.188	3352.950

Sample Name: ICB011 Acquired: 02/28/2022 15:30:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001395	-.000321	-.001809	-.007566	-.000066	-.004394	-.000284
Stddev	.002317	.002889	.001634	.003029	.002612	.003723	.000151
%RSD	166.0688	899.4449	90.30465	40.03812	3940.277	84.72938	53.09372

#1	.000002	-.002695	-.000341	-.005203	.002134	-.004854	-.000115
#2	-.004069	.002896	-.003569	-.006514	-.002953	-.007866	-.000330
#3	-.000118	-.001164	-.001517	-.010981	.000621	-.000462	-.000405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	.0000559	-.003584	.0001260	-.000250	-.004559	-.001958
Stddev	.000053	.0001009	.010650	.0001307	.000316	.001001	.013325
%RSD	63.00942	180.6651	297.1493	103.7638	126.6239	21.95586	680.4858

#1	-.000026	.0000706	-.013374	.0001097	-.000462	-.004038	-.012085
#2	-.000097	.0001486	-.005133	.0002640	.000114	-.003927	-.006927
#3	-.000129	-.000052	.007755	.0000041	-.000401	-.005713	.013138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000565	-.007342	.0002044	-.000286	-.022420	.0008390	.0019798
Stddev	.000558	.009082	.0000889	.000503	.162459	.0007303	.0043171
%RSD	98.82528	123.6926	43.48274	175.6752	724.6201	87.04135	218.0619

#1	-.001197	-.016925	.0002795	-.000069	-.181091	.0005608	.0014560
#2	-.000358	-.006238	.0001063	.000071	.143579	.0002887	-.002052
#3	-.000140	.001137	.0002275	-.000862	-.029748	.0016675	.006535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427115	-.000677	-.001882	.0012716	.0032652	.0006803	.0023149
Stddev	.0499398	.001198	.001028	.0005140	.0020313	.0022257	.0009777
%RSD	116.9236	176.9449	54.61194	40.42251	62.21198	327.1765	42.23522

#1	-.003324	-.001386	-.000697	.0018514	.0056107	-.000261	.0030162
#2	.035653	.000706	-.002529	.0008720	.0021075	.003222	.0027304
#3	.095805	-.001350	-.002422	.0010914	.0020774	-.000920	.0011981

Sample Name: ICB011 Acquired: 02/28/2022 15:30:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001459	-.000941	-.000102
Stddev	.001081	.000866	.000077
%RSD	74.10170	92.05151	75.63516

#1	-.000537	.000050	-.000097
#2	-.001190	-.001554	-.000028
#3	-.002649	-.001318	-.000181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.683	60508.84	10872.97	2084.513	3300.194
Stddev	1.853	134.68	78.43	13.386	4.112
%RSD	.0866321	.2225844	.7213226	.6421817	.1245967

#1	2138.199	60653.81	10814.91	2097.611	3297.184
#2	2137.120	60387.60	10841.81	2085.072	3298.520
#3	2140.730	60485.11	10962.19	2070.856	3304.879

Sample Name: ICSA011 Acquired: 02/28/2022 15:34:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007912	-.002503	.0017404	.0015521	.0027885	242.9983	.0051912
Stddev	.002645	.002008	.0033471	.0027385	.0012691	1.4779	.0006130
%RSD	33.42664	80.22918	192.3246	176.4377	45.51079	.6081813	11.80757

#1	-.007796	-.000422	.0047488	.0001502	.0037408	241.8999	.0057521
#2	-.010613	-.002658	-.001865	.0047078	.0032770	244.6785	.0052846
#3	-.005327	-.004430	.002337	-.000202	.0013478	242.4164	.0045369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007385	.0001506	248.1783	.0589494	-.001034	-.002709	100.1795
Stddev	.0000205	.0001959	.8078	.0012290	.000173	.002153	.1896
%RSD	2.777252	130.0164	.3254813	2.084778	16.71810	79.50039	.1892426

#1	.0007330	-.000017	247.7561	.0575313	-.001100	-.005080	100.1794
#2	.0007612	.000366	249.1097	.0597044	-.000838	-.000874	100.3691
#3	.0007214	.000103	247.6692	.0596126	-.001164	-.002173	99.9900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113616	246.4036	.0002453	-.000645	.1283586	.0018561	.0114400
Stddev	.0001507	.8331	.0004894	.000344	.2539720	.0017251	.0040094
%RSD	1.326037	.3380913	199.4909	53.28654	197.8614	92.94338	35.04725

#1	.0112302	246.1153	.0004089	-.000884	-.126479	-.000136	.0131527
#2	.0115260	247.3426	.0006319	-.000799	.130099	.002870	.0143086
#3	.0113286	245.7531	-.000305	-.000251	.381456	.002834	.0068587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058488	.0090020	.0060563	-.000257	.0107943	-.004330	.0029940
Stddev	.068738	.0018345	.0012779	.000600	.0056172	.000961	.0010616
%RSD	117.5254	20.37827	21.09989	233.2396	52.03812	22.18244	35.45569

#1	-.137821	.0110025	.0067917	.000262	.0143350	-.004473	.0034735
#2	-.016659	.0086047	.0067964	-.000914	.0137305	-.003306	.0037312
#3	-.020984	.0073987	.0045807	-.000120	.0043176	-.005211	.0017773

Sample Name: ICSA011 Acquired: 02/28/2022 15:34:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002475	.0011691	.0986916
Stddev	.000882	.0012177	.0006852
%RSD	35.64412	104.1542	.6942949

#1	-.003421	-.000209	.0979764
#2	-.001675	.001617	.0993423
#3	-.002329	.002099	.0987562

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.343	58367.07	10674.93	1966.229	3081.195
Stddev	2.134	291.16	45.55	10.298	5.179
%RSD	.1055727	.4988455	.4266680	.5237293	.1680813

#1	2019.281	58249.87	10669.99	1976.409	3075.333
#2	2023.542	58698.57	10632.06	1966.460	3085.152
#3	2021.207	58152.77	10722.75	1955.818	3083.099

Sample Name: ICSAB011 Acquired: 02/28/2022 15:40:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0875490	.0909542	.0456691	.0446586	.5775250	238.4854	.5001557
Stddev	.0005731	.0042085	.0024970	.0033735	.0012612	1.0189	.0008936
%RSD	.6545983	4.627032	5.467574	7.553972	.2183777	.4272393	.1786668

#1	.0880764	.0920465	.0479211	.0455374	.5768356	237.5391	.4991737
#2	.0876314	.0945087	.0429838	.0475057	.5767588	239.5640	.5003724
#3	.0869392	.0863072	.0461025	.0409327	.5789806	238.3532	.5009210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4960421	.9927112	243.7909	.5723182	.4886176	.4661331	99.38331
Stddev	.0057670	.0025438	.5497	.0029792	.0016993	.0021740	.28203
%RSD	1.162609	.2562439	.2254625	.5205561	.3477776	.4663954	.2837825

#1	.4976085	.9934570	243.6122	.5727815	.4868424	.4639306	99.26117
#2	.5008641	.9898779	244.4077	.5750386	.4887812	.4682775	99.70582
#3	.4896537	.9947987	243.3528	.5691344	.4902292	.4661912	99.18293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5277371	241.5347	.9873342	.1935946	.2259771	.4897777	.9596987
Stddev	.0010230	.2287	.0008082	.0011423	.1944535	.0030604	.0083512
%RSD	.1938457	.0946999	.0818544	.5900450	86.05009	.6248619	.8701917

#1	.5281608	241.4604	.9866538	.1939126	.2052608	.4863457	.9559430
#2	.5284802	241.7913	.9871212	.1923270	.4299594	.4922233	.9538849
#3	.5265703	241.3523	.9882275	.1945442	.0427112	.4907642	.9692684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.197015	.0027227	.0055656	-.000858	.0114385	-.007210	-.000104
Stddev	.054759	.0005134	.0006627	.000135	.0108682	.000360	.001359
%RSD	27.79454	18.85522	11.90749	15.69955	95.01387	4.993744	1300.549

#1	-.259571	.0031254	.0063305	-.001014	.0226119	-.007508	.000255
#2	-.157755	.0028980	.0051612	-.000788	.0108002	-.006810	-.001607
#3	-.173720	.0021446	.0052052	-.000773	.0009036	-.007312	.001038

Sample Name: ICSAB011 Acquired: 02/28/2022 15:40:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005137	-.001135	.0969341
Stddev	.001649	.000310	.0003068
%RSD	32.10392	27.31992	.3165061

#1	-.003702	-.001324	.0965861
#2	-.004770	-.001304	.0971656
#3	-.006938	-.000777	.0970507

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.943	59000.28	10839.32	1986.144	3088.066
Stddev	1.315	256.66	75.72	4.211	3.080
%RSD	.0646092	.4350091	.6985374	.2120337	.0997282

#1	2037.108	59168.48	10844.32	1984.369	3091.152
#2	2036.204	59127.49	10761.23	1990.952	3088.052
#3	2034.517	58704.86	10912.41	1983.111	3084.993

Sample Name: CCV023 Acquired: 02/28/2022 15:48:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.007287	5.164096	25.75443	4.940943	5.090416	417.6442	10.53406
Stddev	.014736	.023606	.01612	.006767	.009386	.2654	.01415
%RSD	.2942885	.4571174	.0625863	.1369572	.1843784	.0635505	.1342842

#1	4.998453	5.141035	25.75291	4.945824	5.079880	417.9392	10.54901
#2	4.999109	5.163043	25.73913	4.933218	5.093485	417.5683	10.53230
#3	5.024298	5.188211	25.77126	4.943786	5.097883	417.4249	10.52088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5129212	2.556955	418.1199	15.83305	2.611422	15.62733	422.0139
Stddev	.0022008	.001194	.6298	.00915	.002133	.02422	.2962
%RSD	.4290619	.0466885	.1506163	.0577950	.0816868	.1549867	.0701929

#1	.5145226	2.558233	418.8018	15.83227	2.610771	15.62169	422.3001
#2	.5104117	2.555868	417.5603	15.84257	2.613805	15.65387	421.7086
#3	.5138291	2.556765	417.9977	15.82432	2.609690	15.60642	422.0330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.94716	419.9358	2.600375	1.318796	412.9617	2.576934	15.53311
Stddev	.02147	.3756	.000889	.006041	.2913	.008560	.05896
%RSD	.1436343	.0894417	.0341983	.4580923	.0705358	.3321622	.3796041

#1	14.97134	419.7865	2.600441	1.313823	413.1247	2.583026	15.55041
#2	14.93981	419.6578	2.601229	1.317046	413.1349	2.580628	15.58150
#3	14.93034	420.3631	2.599455	1.325519	412.6254	2.567147	15.46744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.6078	5.270236	5.197108	5.059220	5.210286	5.126471	5.245596
Stddev	.1273	.005708	.028080	.007597	.024278	.024724	.012199
%RSD	.0802594	.1083009	.5403057	.1501692	.4659664	.4822863	.2325558

#1	158.5306	5.264124	5.200574	5.061946	5.236626	5.148475	5.250180
#2	158.7547	5.275428	5.167455	5.050635	5.188804	5.099716	5.231769
#3	158.5380	5.271155	5.223294	5.065077	5.205427	5.131222	5.254839

Sample Name: CCV023 Acquired: 02/28/2022 15:48:08 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV023 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.174423	5.274723	5.215114
Stddev	.005122	.005445	.035602
%RSD	.0989855	.1032231	.6826692

#1	5.176591	5.280732	5.256223
#2	5.178105	5.273322	5.194550
#3	5.168574	5.270116	5.194568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.151	56275.71	10363.36	1829.041	2799.739
Stddev	2.936	175.28	40.18	4.362	2.474
%RSD	.1601476	.3114649	.3877558	.2384890	.0883731

#1	1832.883	56472.41	10345.59	1824.019	2797.490
#2	1836.211	56218.65	10409.37	1831.215	2802.389
#3	1830.358	56136.07	10335.13	1831.888	2799.337

Sample Name: CCB023 Acquired: 02/28/2022 15:52:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003145	-.004203	.0003742	.0004155	.0068571	.0001731
Stddev	.005604	.002491	.0016379	.0029891	.0011782	.0127890
%RSD	178.2007	59.27189	437.6925	719.4424	17.18146	7388.774

#1	.002943	-.002362	-.001117	-.002959	.0055238	.0091235
#2	-.008087	-.007038	.002127	.001475	.0072898	-.014474
#3	-.004290	-.003210	.000112	.002730	.0077577	.005870

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000085	-.000035	.0000442	.0007545	.0003499	-.000255
Stddev	.000082	.000080	.0000127	.0053010	.0005045	.000406
%RSD	96.60788	231.2217	28.80643	702.6311	144.2129	158.9484

#1	-.000131	.000034	.0000350	-.004165	.0008899	.000113
#2	.000010	-.000015	.0000587	.006368	.0002692	-.000691
#3	-.000133	-.000123	.0000389	.000061	-.000110	-.000188

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071864	-.001869	.0005866	.0125252	-.000779	.0005789
Stddev	.0007816	.004421	.0005713	.0141462	.000646	.0004115
%RSD	10.87565	236.4933	97.39922	112.9422	82.99476	71.07056

#1	.0074066	-.001703	.0001115	.0218240	-.000042	.0002485
#2	.0063184	.002466	.0004278	.0195060	-.001248	.0010398
#3	.0078343	-.006371	.0012205	-.003755	-.001047	.0004485

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1763836	-.001002	.0073218	.1287443	-.000621	F .0135607
Stddev	.1262775	.003490	.0019988	.0426625	.002267	.0006866
%RSD	71.59254	348.4009	27.29890	33.13740	364.9327	5.063477

#1	.2921002	.002076	.0051954	.1484301	-.001588	.0143087
#2	.1953579	-.004793	.0076078	.0797933	-.002244	.0129591
#3	.0416926	-.000288	.0091621	.1580095	.001969	.0134141

Sample Name: CCB023 Acquired: 02/28/2022 15:52:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027091	.0000248	.0002992	.0054601	-.001078	.0090904
Stddev	.0003028	.0049453	.0007021	.0011182	.001270	.0007247
%RSD	11.17856	19922.47	234.6591	20.47944	117.8170	7.972350

#1	.0030519	.0050600	.0009306	.0065192	-.000226	.0099237
#2	.0024779	-.000160	.0004238	.0042909	-.002538	.0087407
#3	.0025974	-.004825	-.000457	.0055703	-.000471	.0086069

Elem	Sr4077
Units	ppm
Avg	-.000024
Stddev	.000033
%RSD	136.3629

#1	.000006
#2	-.000060
#3	-.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.044	60179.00	10880.87	2076.233	3290.919
Stddev	5.558	578.49	31.75	14.084	5.860
%RSD	.2610505	.9612788	.2917799	.6783626	.1780806

#1	2132.217	60219.12	10845.15	2084.597	3292.404
#2	2132.289	60736.38	10891.59	2084.130	3295.894
#3	2122.626	59581.49	10905.88	2059.972	3284.459

Sample Name: N1458-02 Acquired: 02/28/2022 15:56:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0336718	.0065961	.1616906	.0079989	.0025551	233.4967
Stddev	.0079953	.0004293	.0008481	.0057163	.0014360	1.4503
%RSD	23.74477	6.507514	.5245361	71.46389	56.19928	.6211137

#1	.0327703	.0062301	.1626560	.0108998	.0033873	232.9277
#2	.0261654	.0070686	.1613501	.0116832	.0008970	232.4172
#3	.0420796	.0064898	.1610656	.0014138	.0033810	235.1452

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498499	.0078640	.1203234	39.63728	1.566724	.5770582
Stddev	.003286	.0001625	.0004051	.12843	.006048	.0016799
%RSD	.2192624	2.065877	.3367020	.3240076	.3860543	.2911197

#1	1.497925	.0078515	.1206075	39.66855	1.561157	.5779332
#2	1.495538	.0077082	.1205033	39.49610	1.573160	.5751214
#3	1.502034	.0080324	.1198595	39.74718	1.565855	.5781200

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.630313	481.8852	13.86430	209.6731	2.873364	-.000590
Stddev	.022194	1.9653	.02710	.9032	.009154	.000498
%RSD	.3941921	.4078357	.1954389	.4307455	.3185871	84.39914

#1	5.620372	481.3464	13.86568	209.5889	2.880012	-.001018
#2	5.614827	480.2455	13.83654	208.8150	2.862923	-.000709
#3	5.655740	484.0637	13.89068	210.6154	2.877156	-.000043

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.503568	.7530037	14.19350	10.89324	F 11.12711	.0705707
Stddev	.088751	.0062470	.06774	.13513	.09628	.0015546
%RSD	5.902677	.8296162	.4772498	1.240489	.8652462	2.202847

#1	1.576987	.7602167	14.14043	10.82183	11.08583	.0691222
#2	1.404940	.7493229	14.26980	10.80880	11.23714	.0722131
#3	1.528777	.7494716	14.17027	11.04910	11.05835	.0703769

Sample Name: N1458-02 Acquired: 02/28/2022 15:56:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060260	.8620149	29.88713	.0481013	10.56634	.2718086
Stddev	.0006559	.0038936	.23954	.0035214	.05311	.0020434
%RSD	10.88457	.4516875	.8014828	7.320824	.5026642	.7517901

#1	.0066567	.8576085	29.87875	.0474753	10.54543	.2731193
#2	.0060737	.8649913	29.65189	.0518938	10.52686	.2728524
#3	.0053475	.8634449	30.13075	.0449349	10.62672	.2694541

Elem	Sr4077
Units	ppm
Avg	.2367189
Stddev	.0023954
%RSD	1.011901

#1	.2352268
#2	.2354481
#3	.2394819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.302	67411.94	12262.26	2270.896	3167.963
Stddev	2.602	180.27	65.85	2.779	4.472
%RSD	.1126335	.2674089	.5369947	.1223770	.1411526

#1	2308.888	67581.48	12248.35	2270.513	3164.657
#2	2313.305	67222.58	12333.95	2268.328	3173.051
#3	2308.713	67431.76	12204.48	2273.846	3166.181

Sample Name: N1458-03 Acquired: 02/28/2022 16:00:08 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: YAX61D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275713	.0017985	.1644668	.0077912	.0025767	234.8956
Stddev	.0040468	.0032139	.0053689	.0031388	.0032040	.8793
%RSD	14.67771	178.7017	3.264429	40.28663	124.3478	.3743420

#1	.0229014	-.000604	.1584089	.0065523	-.000313	235.0650
#2	.0297625	.000550	.1663549	.0054610	.006022	235.6779
#3	.0300501	.005449	.1686366	.0113604	.002021	233.9439

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.505673	.0078467	.1205731	39.84300	1.573573	.5796593
Stddev	.003305	.0001756	.0002952	.04631	.001372	.0021123
%RSD	.2195303	2.238497	.2448536	.1162291	.0871826	.3644082

#1	1.509296	.0077678	.1202366	39.87934	1.573005	.5773865
#2	1.504901	.0080479	.1207887	39.85880	1.575138	.5800292
#3	1.502822	.0077243	.1206940	39.79086	1.572577	.5815622

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.691577	484.6694	13.94873	210.9412	2.887367	.0002688
Stddev	.026232	.9982	.02060	.6712	.003466	.0003422
%RSD	.4608867	.2059582	.1477125	.3182117	.1200326	127.2918

#1	5.714092	485.0526	13.96158	211.3021	2.883365	-.000119
#2	5.697866	485.4192	13.95965	211.3548	2.889394	.000527
#3	5.662772	483.5364	13.92497	210.1667	2.889341	.000398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.578864	.7505947	14.32546	10.94913	F 11.31742	.0667974
Stddev	.093096	.0074244	.10565	.06255	.06360	.0056273
%RSD	5.896403	.9891397	.7375164	.5712834	.5619226	8.424469

#1	1.522729	.7426411	14.42057	10.97876	11.24949	.0731669
#2	1.527536	.7573422	14.21174	10.99137	11.37555	.0624996
#3	1.686326	.7518007	14.34406	10.87728	11.32722	.0647257

Sample Name: N1458-03 Acquired: 02/28/2022 16:00:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX61D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050836	.8722541	30.01786	.0476409	10.63271	.2708468
Stddev	.0006138	.0024859	.18752	.0008685	.04653	.0013497
%RSD	12.07305	.2850017	.6246796	1.823066	.4376447	.4983164
#1	.0048105	.8697867	29.87871	.0468029	10.65432	.2724050
#2	.0057865	.8747581	30.23110	.0485370	10.66452	.2700429
#3	.0046539	.8722175	29.94378	.0475828	10.57931	.2700924

Elem	Sr4077
Units	ppm
Avg	.2379931
Stddev	.0013437
%RSD	.5645944
#1	.2375801
#2	.2394948
#3	.2369043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.900	67101.56	12182.26	2261.489	3151.241
Stddev	2.825	457.91	12.96	21.844	3.540
%RSD	.1228752	.6824194	.1063564	.9659068	.1123382
#1	2296.397	66744.50	12178.67	2243.579	3155.026
#2	2298.340	67617.82	12171.47	2285.825	3148.011
#3	2301.963	66942.34	12196.63	2255.063	3150.686

Sample Name: N1458-04 Acquired: 02/28/2022 16:04:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX61S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123510	.1037328	.2084316	.1918566	.1148158	231.5227
Stddev	.0108459	.0038350	.0016462	.0046760	.0002638	.7104
%RSD	9.653569	3.696958	.7898295	2.437259	.2297623	.3068324

#1	.1048336	.1036953	.2095051	.1909056	.1151190	232.2731
#2	.1247843	.1075864	.2065362	.1877292	.1146897	230.8606
#3	.1074350	.0999167	.2092534	.1969351	.1146388	231.4343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.377965	.1039599	.2215420	38.74453	1.957294	1.614967
Stddev	.005024	.0008251	.0009618	.06684	.002979	.003824
%RSD	.0934180	.7936708	.4341607	.1725145	.1521915	.2367714

#1	5.383754	.1033597	.2211068	38.75853	1.955277	1.612859
#2	5.375388	.1036191	.2208747	38.80327	1.955889	1.612661
#3	5.374751	.1049008	.2226446	38.67180	1.960715	1.619380

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.034705	475.2966	13.84519	207.5910	3.950905	.0794508
Stddev	.007357	.2813	.00564	.2089	.003035	.0007009
%RSD	.1219093	.0591909	.0407167	.1006200	.0768158	.8821991

#1	6.041907	475.6117	13.84880	207.7894	3.947546	.0801749
#2	6.035006	475.2071	13.83869	207.3731	3.953448	.0787756
#3	6.027203	475.0708	13.84807	207.6106	3.951723	.0794018

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.696460	1.720995	14.96736	10.65214	F 10.80706	.0699966
Stddev	.235048	.009421	.18125	.02246	.09715	.0046029
%RSD	13.85521	.5474298	1.210976	.2108909	.8989649	6.575853

#1	1.947591	1.731360	15.11316	10.66266	10.79269	.0703478
#2	1.660041	1.718677	15.02448	10.66742	10.71789	.0744138
#3	1.481746	1.712950	14.76443	10.62635	10.91060	.0652281

Sample Name: N1458-04 Acquired: 02/28/2022 16:04:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX61S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4367368	.8850793	30.32707	.0431718	10.20137	.2601982
Stddev	.0002149	.0095595	.26615	.0034202	.02680	.0014360
%RSD	.0491979	1.080070	.8775965	7.922317	.2627418	.5518805

#1	.4368917	.8741680	30.13207	.0470758	10.23142	.2613948
#2	.4364915	.8890889	30.21887	.0407027	10.17992	.2586058
#3	.4368271	.8919809	30.63028	.0417371	10.19279	.2605939

Elem	Sr4077
Units	ppm
Avg	.2318375
Stddev	.0003627
%RSD	.1564265

#1	.2322556
#2	.2316486
#3	.2316083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.315	66178.65	12061.38	2214.652	3148.311
Stddev	3.259	237.93	69.03	18.976	5.468
%RSD	.1428002	.3595316	.5723475	.8568238	.1736865

#1	2285.854	65937.66	12098.01	2193.457	3152.762
#2	2279.437	66184.90	12104.38	2220.437	3149.963
#3	2281.654	66413.41	11981.75	2230.061	3142.207

Sample Name: N1458-02LX5 Acquired: 02/28/2022 16:07:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX61L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049089	-.002230	.0292392	.0003018	-.000820	47.76231	.3127319
Stddev	.0026631	.004583	.0027371	.0027309	.001391	.24722	.0024892
%RSD	54.25004	205.5429	9.361245	904.7839	169.6090	.5176052	.7959650

#1	.0064641	.001388	.0308843	.0033956	-.002089	47.91203	.3137687
#2	.0018339	-.007384	.0307537	-.001774	.000668	47.47696	.3098919
#3	.0064287	-.000694	.0260795	-.000717	-.001040	47.89795	.3145352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016205	.0233408	8.475204	.3400767	.1113567	1.221560	104.2257
Stddev	.0000904	.0001991	.030126	.0016112	.0007310	.001707	.4528
%RSD	5.577922	.8529041	.3554573	.4737674	.6564461	.1397036	.4344855

#1	.0016955	.0235354	8.493285	.3403932	.1112988	1.219606	104.4047
#2	.0016458	.0233494	8.440427	.3383307	.1106563	1.222757	103.7107
#3	.0015202	.0231375	8.491900	.3415061	.1121149	1.222318	104.5617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.997257	43.39477	.5613740	.0002589	.5054723	.1591834	3.084311
Stddev	.015558	.27439	.0015386	.0003387	.2320257	.0019248	.032224
%RSD	.5190733	.6323100	.2740834	130.7933	45.90276	1.209142	1.044786

#1	3.000757	43.54840	.5603538	-.000034	.6165008	.1612620	3.087591
#2	2.980246	43.07798	.5606245	.000630	.2387935	.1574627	3.050572
#3	3.010766	43.55792	.5631438	.000181	.6611225	.1588256	3.114770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.158751	2.170612	.0156712	.0009734	.1641291	6.421422	.0094724
Stddev	.095685	.021795	.0009826	.0000528	.0020332	.017676	.0006364
%RSD	4.432409	1.004098	6.270098	5.429290	1.238761	.2752656	6.718393

#1	2.253786	2.148265	.0164785	.0009881	.1628210	6.409870	.0093095
#2	2.062430	2.191810	.0145771	.0010174	.1630949	6.441770	.0089333
#3	2.160037	2.171760	.0159579	.0009148	.1664715	6.412625	.0101744

Sample Name: N1458-02LX5 Acquired: 02/28/2022 16:07:57 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: YAX61L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.237338	.0539624	.0498504
Stddev	.016914	.0017399	.0003604
%RSD	.7559810	3.224226	.7229239

#1	2.248798	.0525628	.0497966
#2	2.217912	.0559104	.0495200
#3	2.245304	.0534140	.0502347

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.794	61909.96	11342.48	2112.807	3316.677
Stddev	3.016	326.27	18.87	4.864	.626
%RSD	.1380932	.5270090	.1663853	.2302333	.0188631

#1	2182.059	61609.17	11355.50	2107.225	3316.530
#2	2182.046	62256.82	11320.84	2116.136	3316.137
#3	2187.276	61863.89	11351.11	2115.062	3317.363

Sample Name: N1456-11A Acquired: 02/28/2022 16:11:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX42A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2236651	.0614294	.1641184	.0116048	-.004433	223.5590
Stddev	.0053249	.0068064	.0010636	.0068136	.002728	.8402
%RSD	2.380764	11.08006	.6480506	58.71370	61.53138	.3758270

#1	.2215916	.0690493	.1638800	.0042128	-.004913	224.4746
#2	.2297148	.0592865	.1631943	.0176340	-.006889	223.3790
#3	.2196887	.0559522	.1652809	.0129674	-.001497	222.8234

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.546022	.0074165	.0048417	44.22612	4.315472	.4699728
Stddev	.004666	.0001692	.0001393	.12144	.004307	.0011297
%RSD	.3018077	2.281941	2.876459	.2745882	.0997958	.2403765

#1	1.550318	.0075740	.0048863	44.33075	4.315736	.4698505
#2	1.546690	.0074380	.0049532	44.25466	4.319640	.4689092
#3	1.541058	.0072375	.0046856	44.09295	4.311039	.4711587

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8858470	461.0447	12.13792	197.8486	2.891906	-.000245
Stddev	.0043605	.9472	.03290	.7532	.003406	.000597
%RSD	.4922422	.2054502	.2710615	.3807141	.1177886	243.1786

#1	.8835863	461.8734	12.15578	198.6855	2.889150	-.000079
#2	.8908736	461.2485	12.15803	197.6351	2.890854	-.000908
#3	.8830811	460.0121	12.09995	197.2251	2.895714	.000251

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.289621	.6951771	1.051454	8.979221	F 11.80941	.0532368
Stddev	.078068	.0030033	.005770	.068151	.06587	.0018138
%RSD	6.053594	.4320212	.5487174	.7589901	.5577512	3.407106

#1	1.334014	.6967429	1.058087	8.959991	11.74601	.0511703
#2	1.335371	.6970739	1.047601	8.922751	11.80473	.0545652
#3	1.199479	.6917144	1.048674	9.054922	11.87750	.0539750

Sample Name: N1456-11A Acquired: 02/28/2022 16:11:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX42A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056206	.7494555	23.20351	.0393748	8.684141	.2718589
Stddev	.0001153	.0070124	.13958	.0024501	.041848	.0012751
%RSD	2.051177	.9356698	.6015591	6.222530	.4818858	.4690435

#1	.0055659	.7422711	23.28462	.0420400	8.727997	.2719208
#2	.0055428	.7498131	23.28357	.0372203	8.679782	.2731020
#3	.0057530	.7562823	23.04233	.0388640	8.644643	.2705540

Elem	Sr4077
Units	ppm
Avg	.2711893
Stddev	.0007618
%RSD	.2809271

#1	.2720190
#2	.2710275
#3	.2705214

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.499	66743.10	12108.46	2237.060	3166.890
Stddev	2.176	149.88	38.10	2.303	5.119
%RSD	.0959121	.2245575	.3146509	.1029402	.1616467

#1	2270.610	66914.99	12086.05	2234.618	3171.926
#2	2266.264	66639.75	12086.88	2239.192	3161.691
#3	2268.623	66674.55	12152.45	2237.371	3167.052

Sample Name: N1502-10DLX5 Acquired: 02/28/2022 16:23:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGZ98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004682	-.006173	.8136007	-.001448	-.000308	5.486133	.5751918
Stddev	.003343	.003627	.0026754	.002805	.001917	.025494	.0013115
%RSD	71.40507	58.75918	.3288365	193.7053	622.3216	.4646986	.2280070

#1	-.008202	-.009656	.8117891	.001726	-.000201	5.502794	.5742115
#2	-.001549	-.006447	.8123394	-.002478	.001553	5.456784	.5746824
#3	-.004296	-.002417	.8166737	-.003592	-.002276	5.498820	.5766816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006133	.0043989	.7962075	.0189945	.0058820	.0774553	34.59385
Stddev	.0000464	.0000565	.0112818	.0006183	.0007053	.0018816	.14248
%RSD	7.561764	1.285540	1.416948	3.255191	11.99023	2.429243	.4118610

#1	.0006643	.0043767	.7848354	.0185444	.0050689	.0762643	34.75120
#2	.0006021	.0044631	.8073969	.0187396	.0062483	.0764772	34.47357
#3	.0005736	.0043568	.7963900	.0196995	.0063287	.0796245	34.55679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4067387	1.216151	.0322806	.0006092	.1344704	.0233784	21.48566
Stddev	.0012546	.022860	.0014608	.0005173	.4072504	.0035304	.10043
%RSD	.3084501	1.879733	4.525319	84.91445	302.8550	15.10122	.4674498

#1	.4078072	1.200502	.0307782	.0009144	.5490768	.0271216	21.55351
#2	.4053573	1.205566	.0323676	.0009013	-.265002	.0229051	21.37028
#3	.4070517	1.242385	.0336960	.0000119	.119337	.0201085	21.53318

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2807740	.8609996	.0024761	.0004684	1.689174	1.577730	.0108228
Stddev	.0044963	.0118280	.0012732	.0006445	.006743	.001545	.0013949
%RSD	1.601378	1.373756	51.41805	137.5800	.3992161	.0978942	12.88841

#1	.2841003	.8636491	.0039060	.0007021	1.694501	1.579460	.0121613
#2	.2756586	.8712782	.0020567	.0009635	1.691429	1.577242	.0093777
#3	.2825632	.8480715	.0014655	-.000260	1.681592	1.576489	.0109293

Sample Name: N1502-10DLX5 Acquired: 02/28/2022 16:23:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BGZ98 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.474856	-.000714	.0093390
Stddev	.005872	.000929	.0000383
%RSD	.3981251	130.1130	.4096888

#1	1.480202	-.000208	.0093570
#2	1.468572	-.001785	.0092951
#3	1.475795	-.000148	.0093649

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2167.060	61643.07	11183.25	2115.849	3303.007
Stddev	3.398	169.05	48.14	7.563	3.476
%RSD	.1567876	.2742422	.4304929	.3574383	.1052367

#1	2163.240	61457.99	11128.13	2107.865	3302.418
#2	2169.746	61681.89	11204.54	2122.905	3306.740
#3	2168.193	61789.33	11217.07	2116.778	3299.863

Sample Name: N1463-01A Acquired: 02/28/2022 16:36:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAWW0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2512558	.0037659	.1868272	.0110298	.0040864	165.3640	1.249546
Stddev	.0074334	.0012198	.0043774	.0034960	.0005650	.2416	.002674
%RSD	2.958483	32.39142	2.343011	31.69573	13.82518	.1460770	.2139654

#1	.2471397	.0048088	.1893261	.0092156	.0041644	165.6029	1.249714
#2	.2598367	.0024245	.1893828	.0088138	.0046082	165.1199	1.252131
#3	.2467909	.0040645	.1817727	.0150599	.0034864	165.3692	1.246792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047440	.0109993	15.45694	.5069472	.2211466	2.453755	353.9163
Stddev	.0000936	.0001616	.02343	.0014168	.0003205	.004902	1.0686
%RSD	1.973480	1.468770	.1515768	.2794776	.1449404	.1997709	.3019225

#1	.0047931	.0108536	15.46054	.5081019	.2213512	2.454475	354.7372
#2	.0046360	.0111730	15.47836	.5073735	.2207772	2.448533	352.7081
#3	.0048027	.0109711	15.43192	.5053662	.2213113	2.458258	354.3037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.920007	97.10662	.5847858	.0033850	.6746259	.2826415	1.771529
Stddev	.016464	.28620	.0013346	.0003654	.2640764	.0032929	.007364
%RSD	.2078727	.2947256	.2282231	10.79601	39.14412	1.165031	.4157095

#1	7.938792	97.36363	.5838266	.0030901	.8382876	.2806343	1.763860
#2	7.908087	96.79820	.5842208	.0037938	.8156121	.2808484	1.778545
#3	7.913142	97.15803	.5863100	.0032710	.3699779	.2864417	1.772183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.523985	9.884286	.0301134	.0094020	1.967053	23.68821	.0258323
Stddev	.059887	.022332	.0015999	.0001006	.004871	.16714	.0002073
%RSD	1.323773	.2259293	5.312822	1.070103	.2476395	.7055743	.8024593

#1	4.557978	9.895445	.0311355	.0093492	1.971705	23.80466	.0260584
#2	4.454836	9.858574	.0309350	.0095180	1.961989	23.49670	.0257874
#3	4.559140	9.898838	.0282696	.0093387	1.967465	23.76327	.0256511

Sample Name: N1463-01A Acquired: 02/28/2022 16:36:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAWW0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.599639	.2429020	.1512559
Stddev	.000485	.0012356	.0011003
%RSD	.0186454	.5086759	.7274134

#1	2.599663	.2441129	.1516735
#2	2.600111	.2429500	.1500080
#3	2.599143	.2416432	.1520862

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.370	63900.01	11666.40	2157.543	3279.871
Stddev	.561	500.04	110.72	15.662	6.320
%RSD	.0252212	.7825285	.9490879	.7258977	.1926966

#1	2224.865	63376.70	11551.05	2140.940	3274.743
#2	2225.974	63950.38	11771.83	2159.635	3286.932
#3	2225.272	64372.96	11676.32	2172.053	3277.936

Sample Name: N1484-09A Acquired: 02/28/2022 16:40:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: JNLC8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3895770	-.000535	.0599527	.0037597	.0059067	165.8719	1.050158
Stddev	.0038678	.003829	.0005991	.0014290	.0021224	.4739	.003341
%RSD	.9928105	716.1880	.9993354	38.00708	35.93160	.2857289	.3181076

#1	.3875491	.000250	.0597252	.0027962	.0081132	165.7373	1.049179
#2	.3871449	.002841	.0595007	.0054015	.0038799	165.4798	1.047416
#3	.3940370	-.004695	.0606323	.0030814	.0057269	166.3986	1.053879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084696	.0000934	55.03024	.1774723	.1583641	.5328793	369.2705
Stddev	.0001360	.0000247	.19696	.0006055	.0008784	.0059778	.1546
%RSD	1.605794	26.41099	.3579165	.3412017	.5546601	1.121786	.0418656

#1	.0083884	.0001218	55.02360	.1776394	.1593293	.5375152	369.0940
#2	.0086266	.0000770	54.83668	.1779767	.1576116	.5261325	369.3358
#3	.0083937	.0000814	55.23043	.1768007	.1581514	.5349903	369.3817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.164200	41.57739	.1470467	-.000648	2.585692	.7915558	.6226073
Stddev	.011040	.10016	.0010076	.000840	.174698	.0073299	.0069669
%RSD	.2137880	.2409024	.6852201	129.6063	6.756322	.9260113	1.118989

#1	5.156591	41.46484	.1463413	-.001589	2.758163	.7849136	.6168098
#2	5.159147	41.61060	.1482007	-.000380	2.590063	.7903340	.6206760
#3	5.176863	41.65672	.1465982	.000025	2.408849	.7994199	.6303361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.766259	6.388361	.0498728	-.002647	.6832509	30.86055	.0385554
Stddev	.023915	.023268	.0044968	.000432	.0086014	.06918	.0023770
%RSD	.6349927	.3642263	9.016465	16.32801	1.258891	.2241789	6.165299

#1	3.761864	6.393130	.0550441	-.002155	.6906444	30.93581	.0365523
#2	3.744847	6.408876	.0468828	-.002965	.6852974	30.84613	.0411821
#3	3.792068	6.363078	.0476914	-.002820	.6738108	30.79972	.0379318

Sample Name: N1484-09A Acquired: 02/28/2022 16:40:34 Type: Unk
 Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: JNLC8A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.061652	.0474798	.6372973
Stddev	.015958	.0013789	.0009855
%RSD	.2632688	2.904181	.1546360

#1	6.045229	.0465466	.6367473
#2	6.062625	.0468293	.6384350
#3	6.077102	.0490637	.6367095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.661	65539.94	11862.22	2231.855	3294.204
Stddev	1.703	472.24	93.24	29.541	6.705
%RSD	.0749399	.7205391	.7860101	1.323588	.2035437

#1	2273.685	65559.98	11843.84	2241.700	3294.424
#2	2270.695	66001.85	11963.29	2255.217	3287.392
#3	2273.603	65058.00	11779.55	2198.650	3300.797

Sample Name: N1458-02A Acquired: 02/28/2022 16:47:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX61A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335641	.0018895	.5281897	.0131682	.0021462	227.1600
Stddev	.0039369	.0056917	.0038203	.0053889	.0027778	.3079
%RSD	11.72959	301.2210	.7232787	40.92341	129.4290	.1355468

#1	.0379302	.0079699	.5264755	.0077384	.0053146	226.8869
#2	.0302846	.0010097	.5255267	.0185152	.0009945	227.0995
#3	.0324775	-.003311	.5325668	.0132508	.0001295	227.4937

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.458041	.0074864	.1157938	38.53912	1.515106	.5573686
Stddev	.003110	.0001854	.0001750	.02717	.004203	.0012002
%RSD	.2133318	2.477053	.1510981	.0704870	.2773998	.2153421

#1	1.457013	.0072778	.1159930	38.51391	1.516263	.5559905
#2	1.455574	.0075489	.1157237	38.53554	1.518610	.5579298
#3	1.461535	.0076325	.1156648	38.56789	1.510447	.5581854

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.520900	468.7409	13.47964	202.9360	2.782961	.0007780
Stddev	.026980	.8686	.02179	.4909	.004750	.0005191
%RSD	.4886822	.1853039	.1616467	.2419099	.1706739	66.72393

#1	5.491350	467.7744	13.45878	202.4252	2.777631	.0002144
#2	5.527130	469.4561	13.50225	203.4043	2.784505	.0008831
#3	5.544220	468.9922	13.47788	202.9785	2.786747	.0012366

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.347081	.7289643	14.03460	10.50900	F 11.03564	.0537212
Stddev	.393096	.0034601	.16231	.06429	.02732	.0045058
%RSD	29.18134	.4746528	1.156517	.6117976	.2475692	8.387297

#1	1.215091	.7291913	14.22190	10.48018	11.01902	.0585444
#2	1.789186	.7323053	13.93505	10.46416	11.06717	.0529990
#3	1.036966	.7253964	13.94685	10.58266	11.02071	.0496201

Sample Name: N1458-02A Acquired: 02/28/2022 16:47:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: YAX61A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046550	.8388843	28.94464	.0421239	10.30338	.2617912
Stddev	.0004350	.0071517	.25532	.0040762	.00777	.0017686
%RSD	9.344675	.8525225	.8821108	9.676606	.0754525	.6755847
#1	.0051408	.8369969	28.65582	.0386101	10.29759	.2620279
#2	.0045227	.8467904	29.03779	.0411687	10.30034	.2599161
#3	.0043016	.8328656	29.14031	.0465928	10.31222	.2634295

Elem	Sr4077
Units	ppm
Avg	.2310955
Stddev	.0003826
%RSD	.1655777
#1	.2308337
#2	.2309181
#3	.2315346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.843	66579.07	12155.20	2222.247	3141.443
Stddev	3.997	639.99	44.74	21.494	5.842
%RSD	.1758425	.9612466	.3680367	.9672194	.1859760
#1	2271.411	66002.82	12205.84	2198.559	3142.202
#2	2277.358	66466.54	12121.05	2227.677	3146.868
#3	2269.759	67267.87	12138.72	2240.505	3135.258

Sample Name: CCV024 Acquired: 02/28/2022 16:51:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.084102	5.261185	25.89429	4.984347	5.172760	419.3105	10.60159
Stddev	.014516	.028815	.07011	.012428	.008196	.9747	.01659
%RSD	.2855117	.5476918	.2707445	.2493383	.1584403	.2324640	.1565051

#1	5.070193	5.268812	25.93927	4.978378	5.163394	418.1892	10.58374
#2	5.099156	5.285419	25.81351	4.998633	5.178616	419.7858	10.61655
#3	5.082958	5.229324	25.93009	4.976030	5.176270	419.9563	10.60447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5118738	2.547600	420.7718	15.88540	2.627521	15.67526	420.1009
Stddev	.0031892	.007537	.5912	.05380	.006447	.03429	.5397
%RSD	.6230450	.2958523	.1405148	.3386833	.2453665	.2187336	.1284758

#1	.5138383	2.556091	420.2769	15.94724	2.631447	15.63783	419.4777
#2	.5135892	2.541699	421.4265	15.85961	2.620080	15.70514	420.4105
#3	.5081941	2.545011	420.6119	15.84935	2.631036	15.68282	420.4145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10802	417.4822	2.619967	1.332682	412.6720	2.579008	15.68676
Stddev	.01218	.8475	.005829	.003470	.8531	.011833	.11972
%RSD	.0806197	.2029988	.2225025	.2603691	.2067341	.4588389	.7631643

#1	15.09938	416.5718	2.626538	1.334470	411.6950	2.573990	15.71821
#2	15.12196	418.2482	2.615417	1.328682	413.2699	2.570510	15.55446
#3	15.10273	417.6266	2.617946	1.334893	413.0511	2.592523	15.78762

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.2303	5.378492	5.175858	5.072407	5.241606	5.125126	5.269601
Stddev	.0460	.027890	.016796	.009179	.039375	.032075	.006283
%RSD	.0290765	.5185471	.3245067	.1809637	.7512084	.6258396	.1192334

#1	158.2648	5.382762	5.187210	5.074948	5.267272	5.150277	5.276066
#2	158.2481	5.404001	5.183800	5.080048	5.261275	5.136094	5.269219
#3	158.1781	5.348714	5.156564	5.062225	5.196272	5.089005	5.263518

Sample Name: CCV024 Acquired: 02/28/2022 16:51:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.173974	5.308471	5.168644
Stddev	.007769	.007165	.012865
%RSD	.1501609	.1349697	.2489131

#1	5.165117	5.300597	5.156915
#2	5.177167	5.310208	5.182404
#3	5.179639	5.314608	5.166614

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.709	55408.83	10300.31	1789.628	2770.733
Stddev	1.626	347.09	42.94	14.772	9.217
%RSD	.0898102	.6264232	.4168594	.8254048	.3326540

#1	1810.760	55084.55	10255.03	1775.205	2764.608
#2	1812.309	55774.95	10305.46	1804.725	2781.333
#3	1809.058	55367.01	10340.44	1788.953	2766.257

Sample Name: CCB024 Acquired: 02/28/2022 16:55:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006299	-.004190	-.001517	-.002439	.0015874	-.002737	-.000703
Stddev	.002944	.002387	.001979	.001217	.0007153	.002952	.000186
%RSD	46.73916	56.96277	130.4221	49.87860	45.06393	107.8516	26.42835

#1	-.005267	-.003200	-.002644	-.001086	.0007813	.000553	-.000490
#2	-.004009	-.006912	-.002674	-.002790	.0021467	-.003610	-.000786
#3	-.009620	-.002458	.000768	-.003442	.0018340	-.005154	-.000833

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	.0000406	-.000165	.0002577	-.000518	.0070340	-.044414
Stddev	.000070	.0000267	.008695	.0006016	.000389	.0025864	.005232
%RSD	101.1389	65.72699	5275.456	233.4769	75.05269	36.76970	11.77956

#1	-.000012	.0000714	-.005268	.0009130	-.000069	.0095003	-.038607
#2	-.000148	.0000270	.009875	.0001295	-.000727	.0043423	-.048759
#3	-.000049	.0000235	-.005102	-.000270	-.000758	.0072594	-.045876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001715	.0191183	-.000698	.0005222	.0453250	-.002654	.0133023
Stddev	.000781	.0263152	.000152	.0004125	.1156686	.002540	.0035116
%RSD	45.54086	137.6441	21.82039	78.98175	255.1981	95.70072	26.39860

#1	-.001851	.0318825	-.000534	.0007089	.0063255	-.001073	.0144497
#2	-.002419	-.011145	-.000834	.0008084	-.045803	-.005584	.0160966
#3	-.000875	.036617	-.000727	.0000494	.175453	-.001305	.0093605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065881	-.001813	.0053762	.0000197	-.003413	-.007516	.0012007
Stddev	.071686	.003719	.0006378	.0002609	.001259	.001267	.0009466
%RSD	108.8109	205.0982	11.86293	1321.997	36.87588	16.86046	78.83958

#1	-.046466	.002362	.0060146	.0002978	-.003317	-.006664	.0011331
#2	-.145274	-.004768	.0053750	-.000220	-.004717	-.006911	.0021793
#3	-.005903	-.003034	.0047391	-.000019	-.002205	-.008972	.0002897

Sample Name: CCB024 Acquired: 02/28/2022 16:55:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v18) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008159	.0011291	-.000112
Stddev	.0011479	.0018130	.000084
%RSD	140.7015	160.5725	75.61616

#1	.0020462	-.000525	-.000104
#2	-.000226	.000845	-.000199
#3	.000628	.003067	-.000031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.235	60370.98	10938.98	2076.663	3284.889
Stddev	.810	188.98	78.21	13.153	3.594
%RSD	.0379521	.3130337	.7149998	.6333762	.1094155

#1	2136.019	60513.12	10852.77	2091.438	3287.032
#2	2135.286	60443.30	11005.40	2072.320	3286.895
#3	2134.401	60156.52	10958.78	2066.231	3280.739