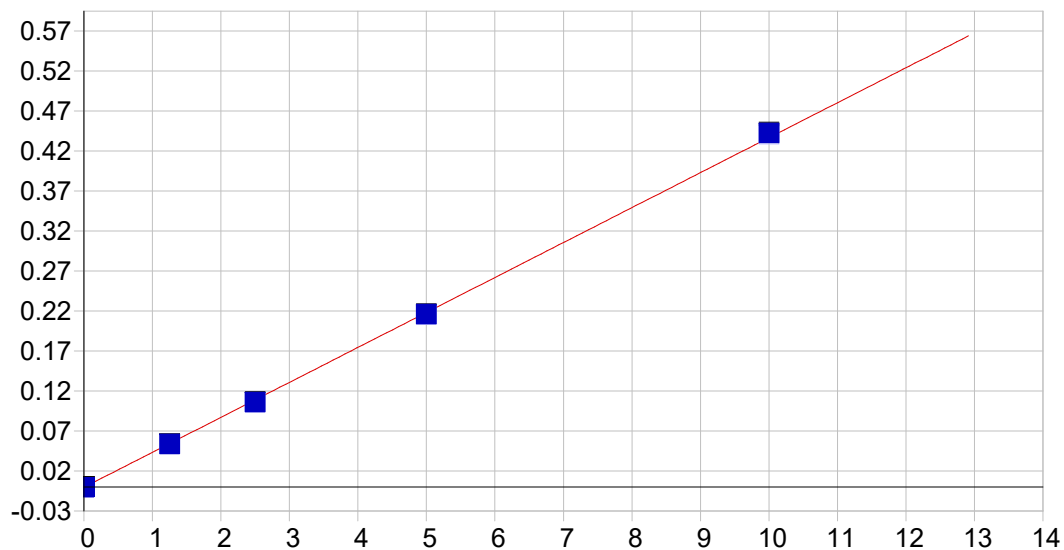


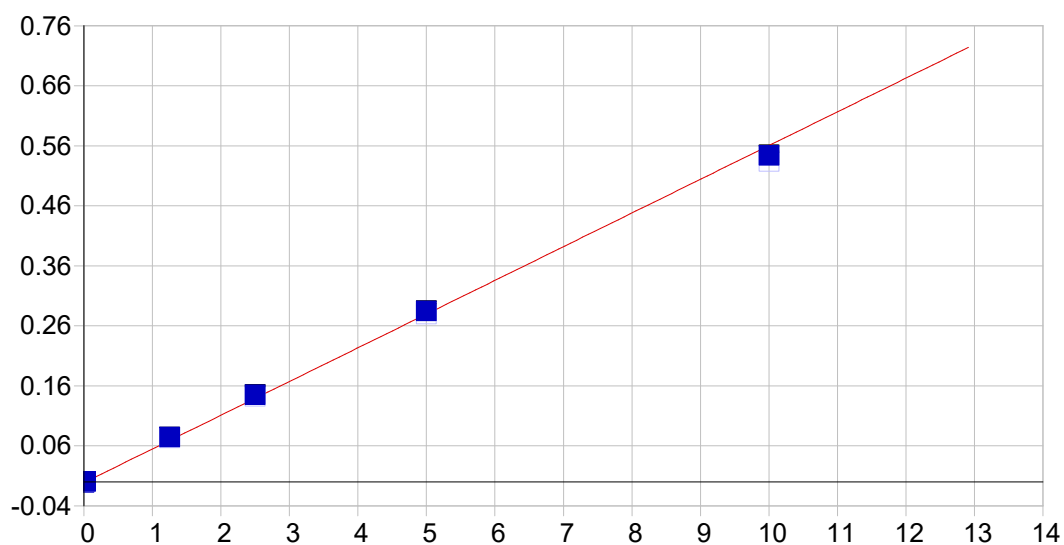


As 189.042 {479}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000336	Re-Slope:	1.000000
A1 (Gain):	0.043709	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999894	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.005409		
Predicted MQL:	0.018030		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.00912	-.001	-8.82	.00006	.000	1
S2	1.2500	1.2374	-.013	-1.01	.05355	.001	1
S3	2.5000	2.4380	-.062	-2.48	.10584	.000	1
S4	5.0000	4.9468	-.053	-1.06	.21511	.001	1
S5	10.000	10.129	.129	1.29	.44082	.001	1

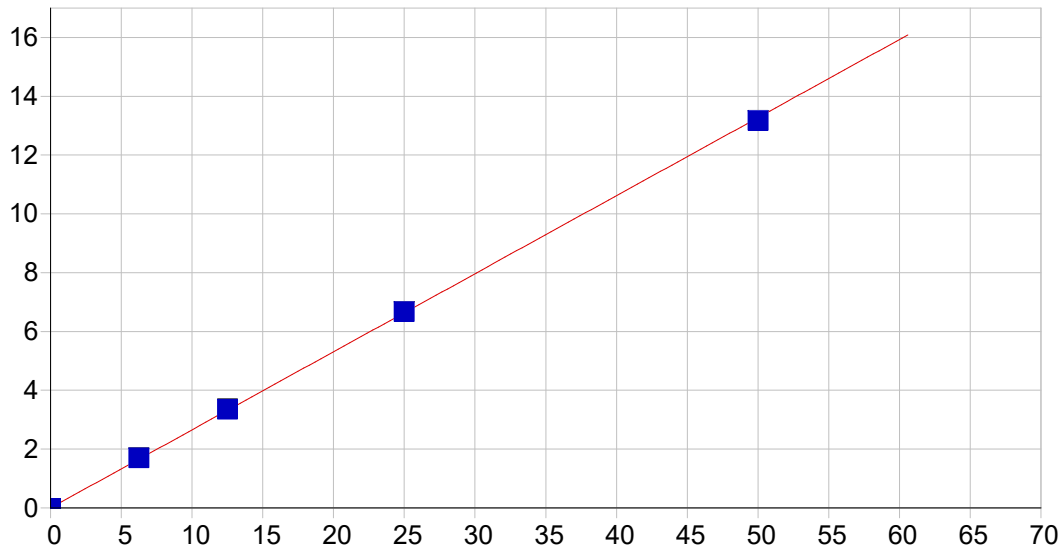


TI 190.856 {477}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001280 Re-Slope: 1.000000
 A1 (Gain): 0.056178 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999385 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.004316
 Predicted MQL: 0.014388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00128	.000	1
S1	.02500	.02866	.004	14.6	.00027	.000	1
S2	1.2500	1.3481	.098	7.85	.07316	.000	1
S3	2.5000	2.6001	.100	4.00	.14220	.001	1
S4	5.0000	5.0887	.089	1.77	.27941	.001	1
S5	10.000	9.7095	-.290	-2.90	.53382	.001	1

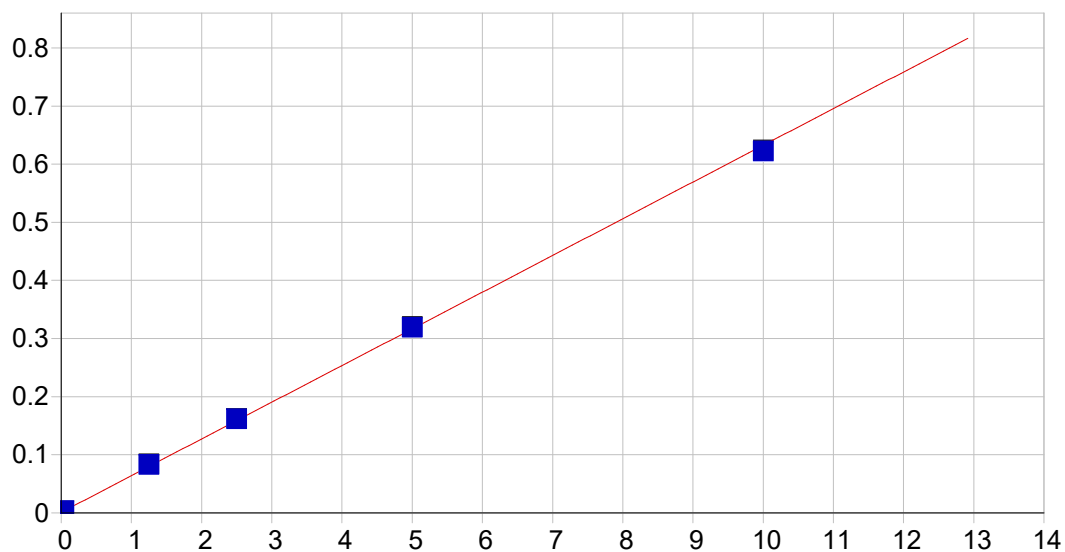


Pb 220.353 {453}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000727 Re-Slope: 1.000000
 A1 (Gain): 0.265467 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.002048
 Predicted MQL: 0.006827

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00073	.001	1
S1	.01000	.01201	.002	20.1	.00392	.000	1
S2	6.2500	6.3962	.146	2.34	1.6996	.003	1
S3	12.500	12.615	.115	.916	3.3513	.010	1
S4	25.000	25.131	.131	.524	6.6759	.006	1
S5	50.000	49.606	-.394	-.787	13.177	.008	1

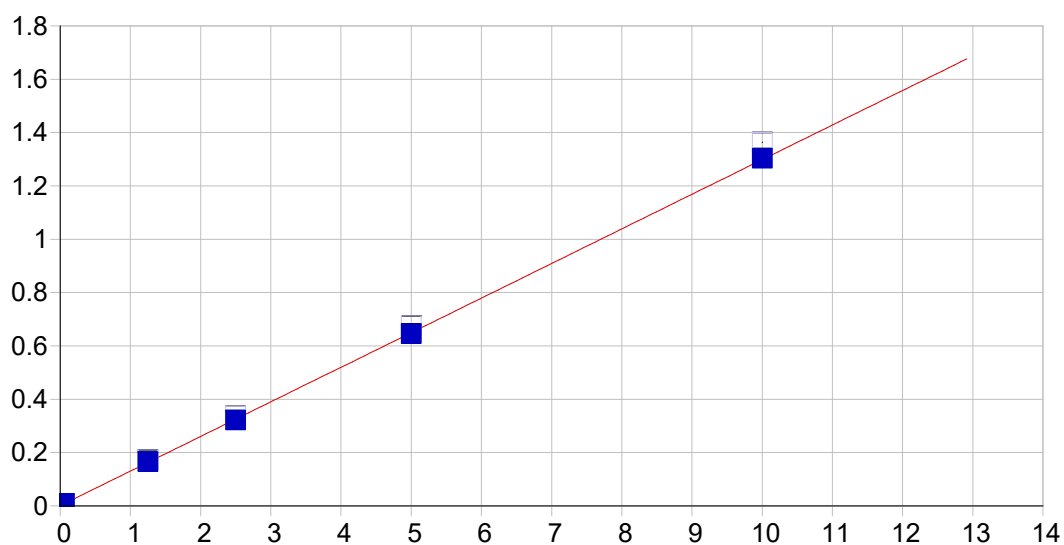


Se 196.090 {472}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000944 Re-Slope: 1.000000
 A1 (Gain): 0.063145 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.004610
 Predicted MQL: 0.015365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00094	.000	1
S1	.03500	.04207	.007	20.2	.00360	.000	1
S2	1.2500	1.3047	.055	4.37	.08312	.001	1
S3	2.5000	2.5475	.047	1.90	.16139	.000	1
S4	5.0000	5.0445	.044	.890	.31865	.001	1
S5	10.000	9.8463	-.154	-1.54	.62102	.002	1

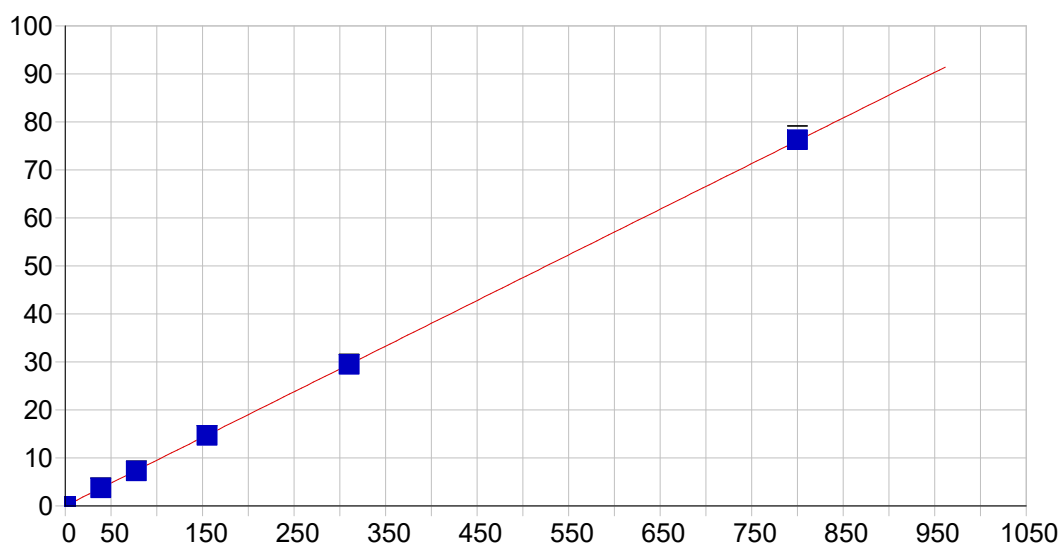


Sb 206.833 {463}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000775	Re-Slope:	1.000000
A1 (Gain):	0.129758	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000045		
Predicted MDL:	0.002501		
Predicted MQL:	0.008337		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00077	.000	1
S1	.06000	.06481	.005	8.02	.00919	.000	1
S2	1.2500	1.2671	.017	1.37	.17266	.001	1
S3	2.5000	2.4698	-.030	-1.21	.33619	.001	1
S4	5.0000	4.9700	-.030	-.600	.67554	.001	1
S5	10.000	10.038	.038	.384	1.3631	.001	1

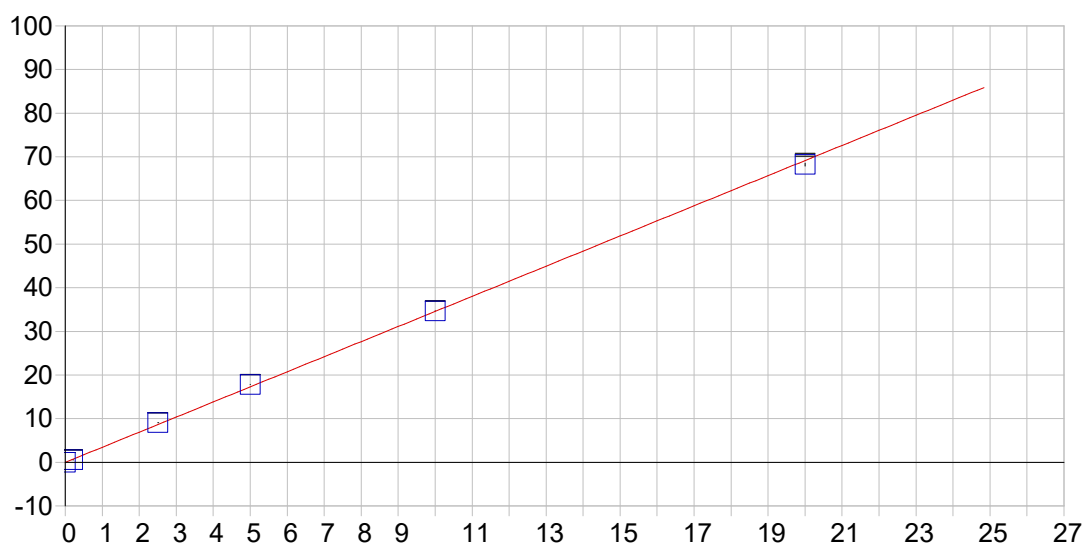


AI 396.152 { 85}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002627 Re-Slope: 1.000000
 A1 (Gain): 0.095080 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999989 Status: OK.
 Std Error of Est: 0.000272
 Predicted MDL: 0.008747
 Predicted MQL: 0.029156

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00263	.000	1
S1	.20000	.22157	.022	10.8	.02379	.001	1
S2	38.750	38.983	.233	.601	3.7135	.009	1
S3	77.500	76.517	-.983	-1.27	7.2867	.012	1
S4	155.00	153.90	-1.10	-.713	14.653	.040	1
S5	310.00	309.81	-.185	-.060	29.495	.050	1
S6	800.00	802.02	2.02	.253	76.269	.841	1

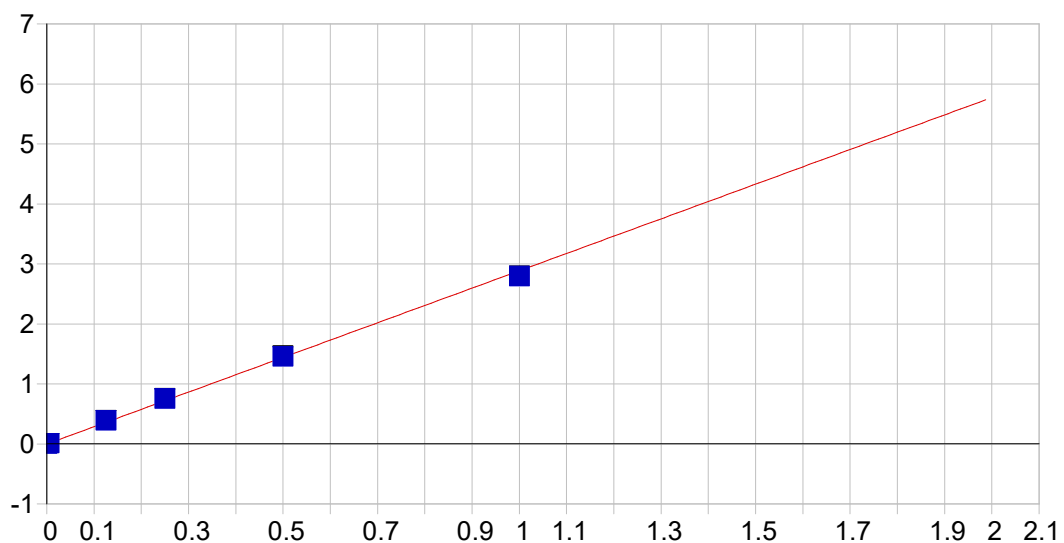


Ba 493.409 { 68}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.014709 Re-Slope: 1.000000
 A1 (Gain): 3.458157 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999697 Status: OK.
 Std Error of Est: 0.009049
 Predicted MDL: 0.000675
 Predicted MQL: 0.002252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.01462	.001	1
S1	.20000	.15893	-.041	-20.5	.53489	.001	1
S2	2.5000	2.6224	.122	4.90	9.0541	.002	1
S3	5.0000	5.1532	.153	3.06	17.806	.035	1
S4	10.000	10.034	.034	.341	34.685	.035	1
S5	20.000	19.731	-.269	-1.34	68.219	.304	1

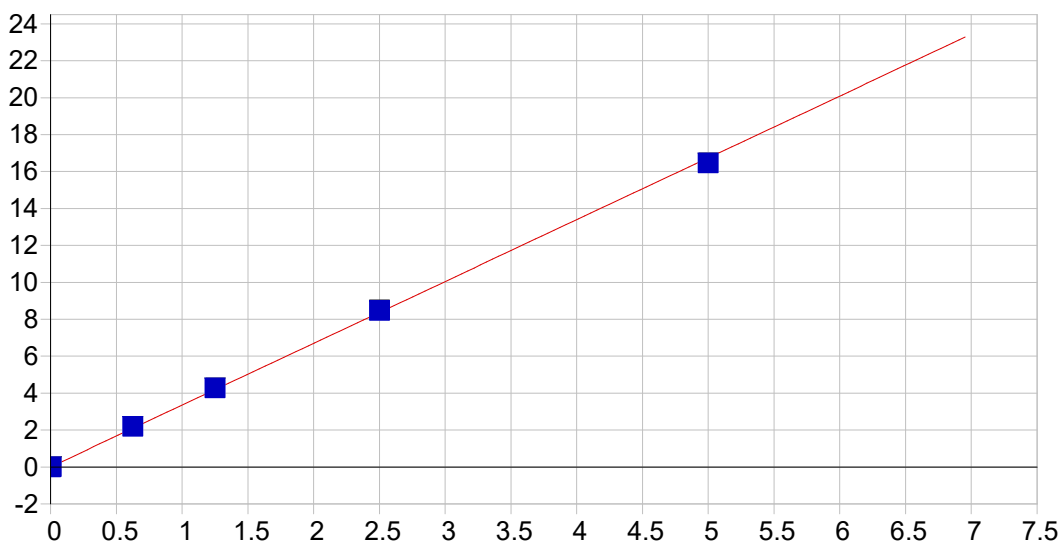


Be 234.861 {144}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002571	Re-Slope:	1.000000
A1 (Gain):	2.887659	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999267	Status:	OK.
Std Error of Est:	0.000414		
Predicted MDL:	0.000102		
Predicted MQL:	0.000339		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00258	.000	1
S1	.00500	.00574	.001	14.9	.01401	.000	1
S2	.12500	.13658	.012	9.26	.39063	.001	1
S3	.25000	.26169	.012	4.67	.75069	.005	1
S4	.50000	.50644	.006	1.29	1.4550	.007	1
S5	1.0000	.96955	-.030	-3.04	2.7876	.002	1

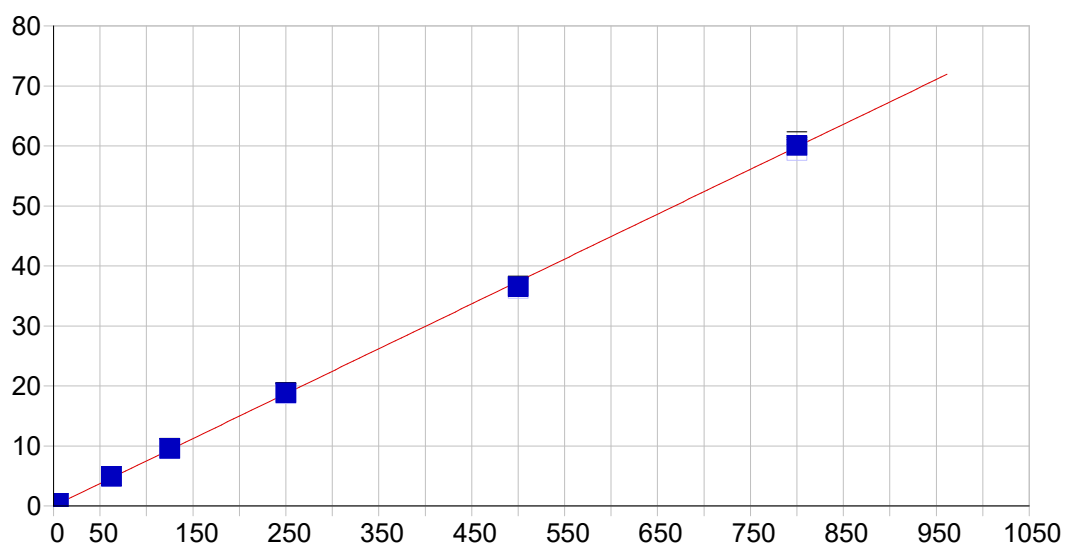


Cd 214.438 {457}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000
 A1 (Gain): 3.348432 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000566
 Predicted MDL: 0.000114
 Predicted MQL: 0.000382

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00500	.00524	.000	4.79	.01758	.000	1
S2	.62500	.65335	.028	4.54	2.1909	.005	1
S3	1.2500	1.2785	.029	2.28	4.2875	.010	1
S4	2.5000	2.5298	.030	1.19	8.4836	.016	1
S5	5.0000	4.9131	-.087	-1.74	16.477	.023	1

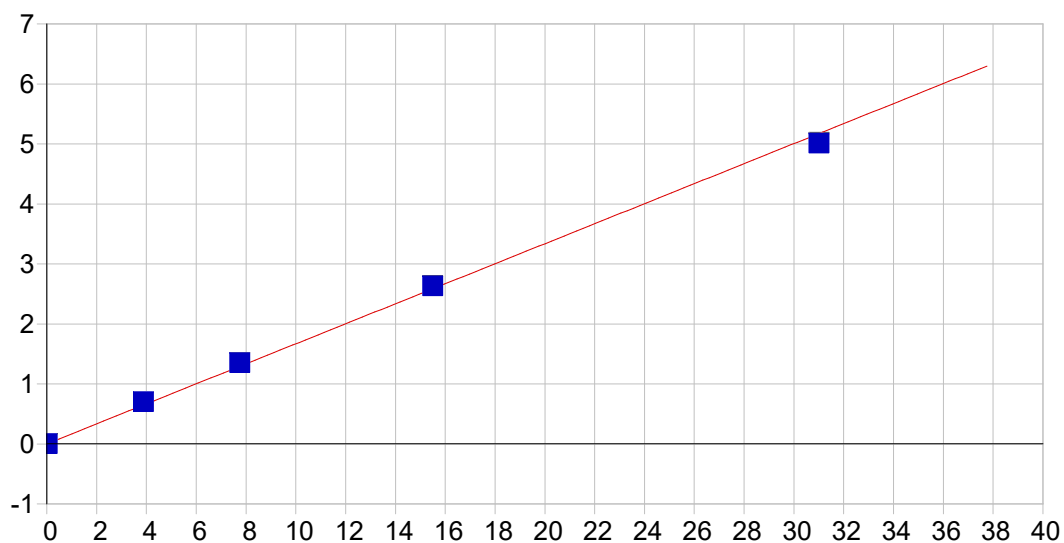


Ca 373.690 { 90}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001636 Re-Slope: 1.000000
 A1 (Gain): 0.074807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999839 Status: OK.
 Std Error of Est: 0.004634
 Predicted MDL: 0.010656
 Predicted MQL: 0.035519

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00078	-.001	.000	.00158	.000	1
S1	5.0000	5.4669	.467	9.34	.41049	.001	1
S2	62.500	65.653	3.15	5.04	4.8711	.015	1
S3	125.00	127.83	2.83	2.26	9.4804	.023	1
S4	250.00	251.89	1.89	.758	18.678	.019	1
S5	500.00	488.68	-11.3	-2.26	36.223	.080	1
S6	800.00	803.00	3.00	.374	59.179	.634	1

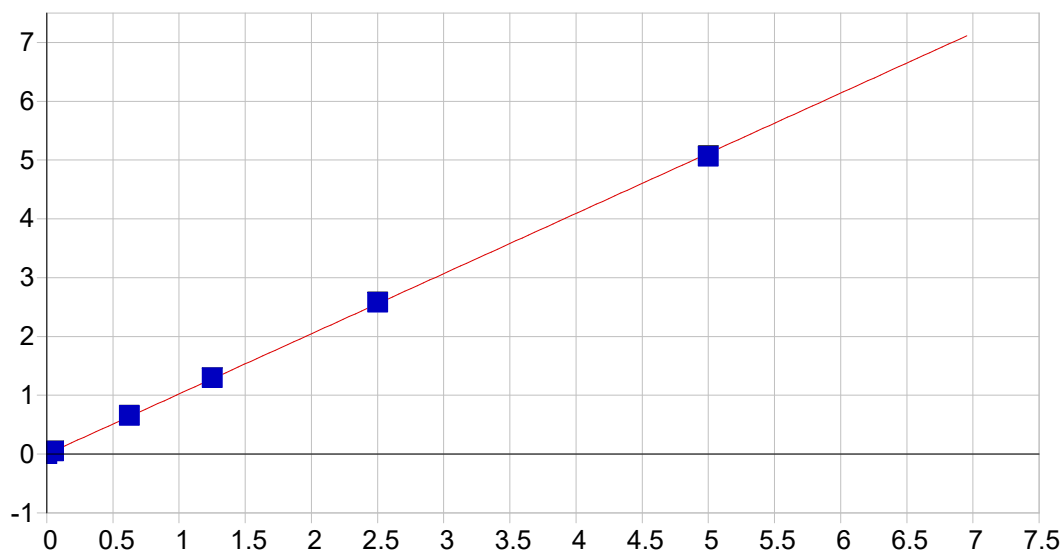


Cr 267.716 {126}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000050	Re-Slope:	1.000000
A1 (Gain):	0.166814	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999298	Status:	OK.
Std Error of Est:	0.000185		
Predicted MDL:	0.000690		
Predicted MQL:	0.002299		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01174	.002	17.4	.00201	.000	1
S2	3.8750	4.2185	.344	8.87	.70457	.001	1
S3	7.7500	8.1056	.356	4.59	1.3538	.002	1
S4	15.500	15.767	.267	1.72	2.6334	.002	1
S5	31.000	30.032	-.968	-3.12	5.0163	.011	1

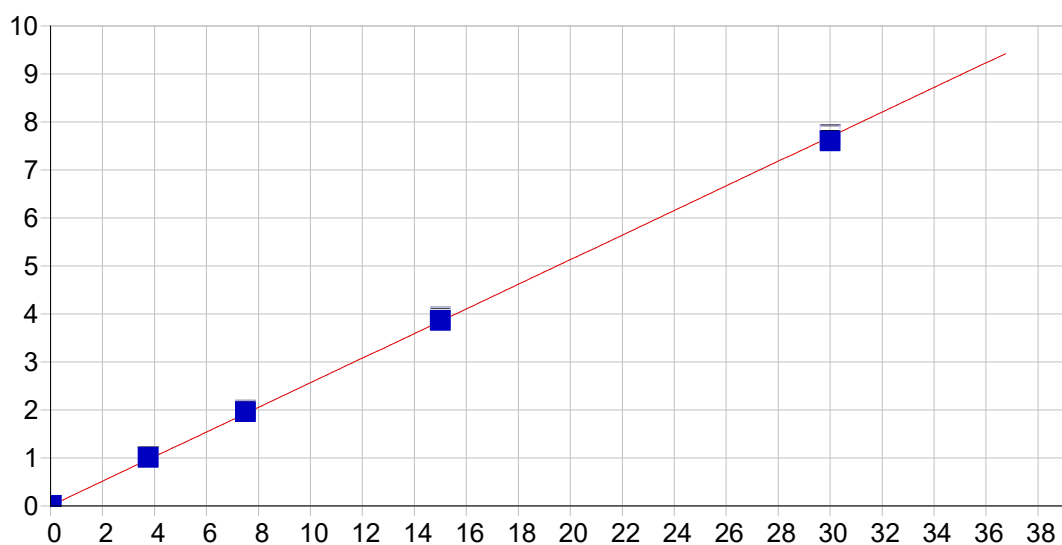


Co 228.616 {448}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000083	Re-Slope:	1.000000
A1 (Gain):	1.023095	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999925	Status:	OK.
Std Error of Est:	0.000334		
Predicted MDL:	0.000354		
Predicted MQL:	0.001181		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.05000	.05186	.002	3.71	.05315	.000	1
S2	.62500	.64169	.017	2.67	.65744	.002	1
S3	1.2500	1.2651	.015	1.21	1.2962	.005	1
S4	2.5000	2.5198	.020	.794	2.5820	.005	1
S5	5.0000	4.9465	-.053	-1.07	5.0688	.008	1

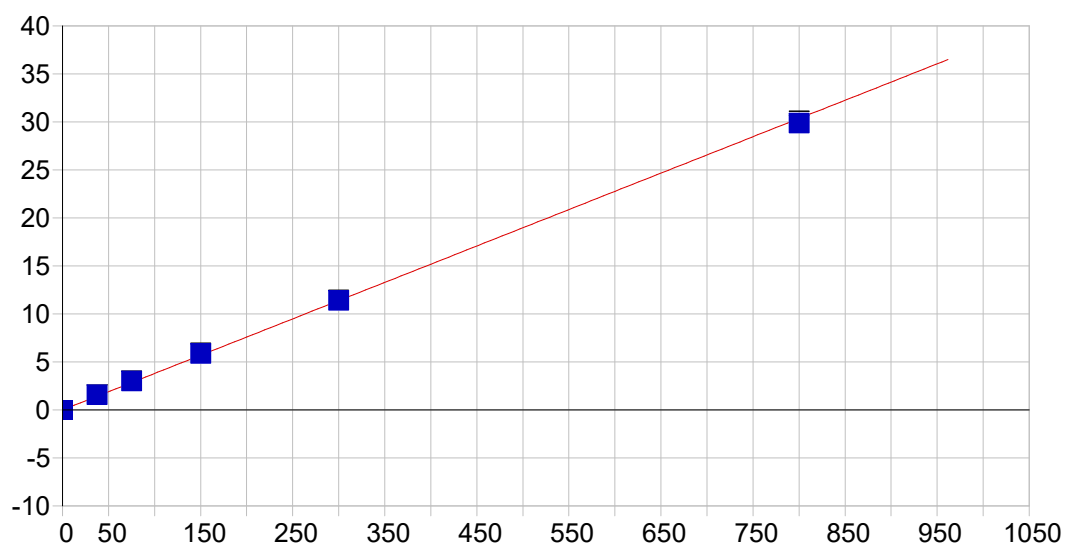


Cu 324.754 {104}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002244	Re-Slope:	1.000000
A1 (Gain):	0.256322	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.000189		
Predicted MDL:	0.002062		
Predicted MQL:	0.006873		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00224	.000	1
S1	.02500	.02271	-.002	-9.16	.00935	.000	1
S2	3.7500	3.9196	.170	4.52	1.0223	.002	1
S3	7.5000	7.6292	.129	1.72	1.9886	.003	1
S4	15.000	15.057	.057	.383	3.9234	.008	1
S5	30.000	29.647	-.353	-1.18	7.7246	.011	1

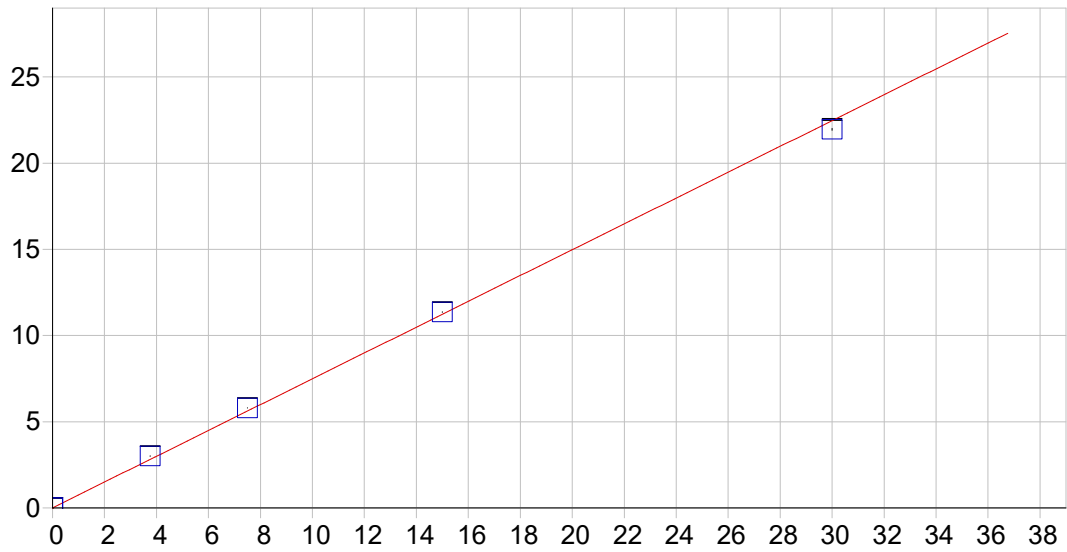


Fe 259.837 {130}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000109 Re-Slope: 1.000000
 A1 (Gain): 0.037945 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999649 Status: OK.
 Std Error of Est: 0.000439
 Predicted MDL: 0.006916
 Predicted MQL: 0.023055

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	-.00011	.000	1
S1	.10000	.12817	.028	28.2	.00476	.000	1
S2	37.500	41.174	3.67	9.80	1.5633	.005	1
S3	75.000	79.009	4.01	5.35	3.0000	.011	1
S4	150.00	154.89	4.89	3.26	5.8816	.037	1
S5	300.00	300.54	.537	.179	11.412	.035	1
S6	800.00	786.86	-13.1	-1.64	29.872	.219	1

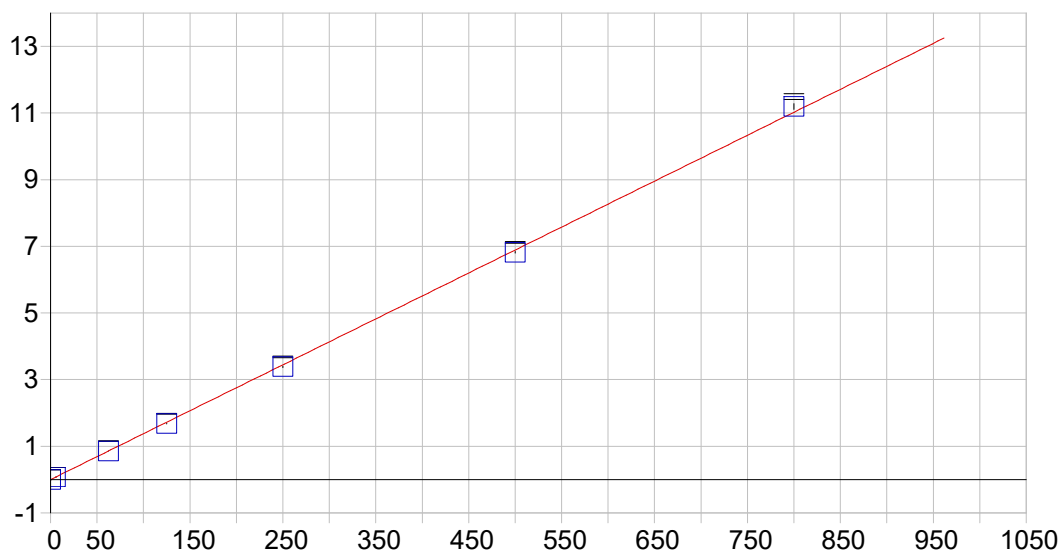


Mn 257.610 {131}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000643	Re-Slope:	1.000000
A1 (Gain):	0.749073	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999608	Status:	OK.
Std Error of Est:	0.000746		
Predicted MDL:	0.000353		
Predicted MQL:	0.001176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00064	.000	1
S1	.01500	.01705	.002	13.6	.01341	.000	1
S2	3.7500	4.0157	.266	7.09	3.0087	.013	1
S3	7.5000	7.7392	.239	3.19	5.7979	.008	1
S4	15.000	15.173	.173	1.16	11.367	.021	1
S5	30.000	29.320	-.680	-2.27	21.963	.047	1

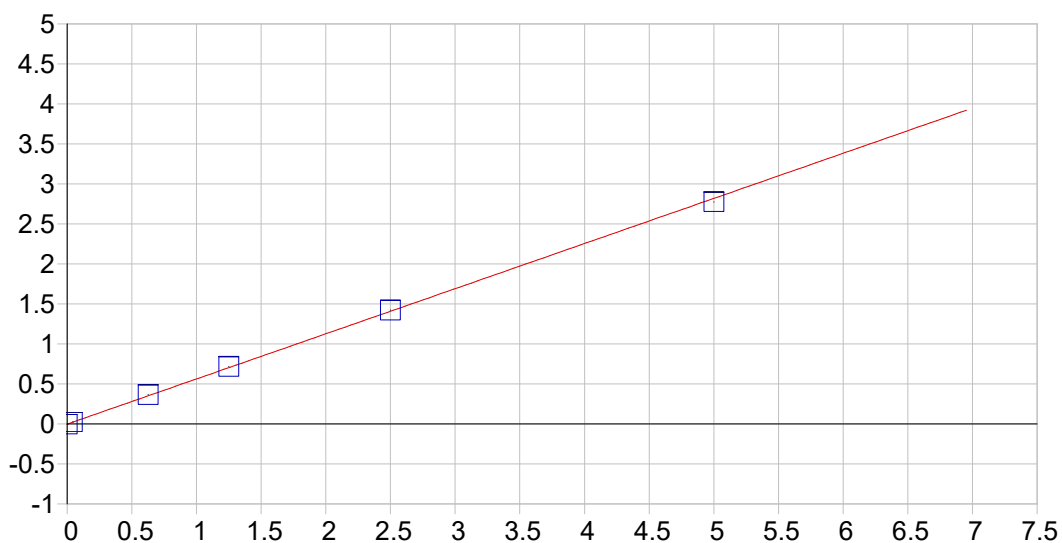


Mg 279.079 {121}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000347 Re-Slope: 1.000000
 A1 (Gain): 0.013779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000744
 Predicted MDL: 0.022579
 Predicted MQL: 0.075263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00035	.000	1
S1	5.0000	5.2306	.231	4.61	.07173	.001	1
S2	62.500	62.042	-.458	-.732	.85455	.005	1
S3	125.00	121.89	-3.11	-2.49	1.6792	.007	1
S4	250.00	245.64	-4.36	-1.74	3.3844	.022	1
S5	500.00	495.05	-4.95	-.990	6.8211	.026	1
S6	800.00	812.65	12.6	1.58	11.197	.088	1

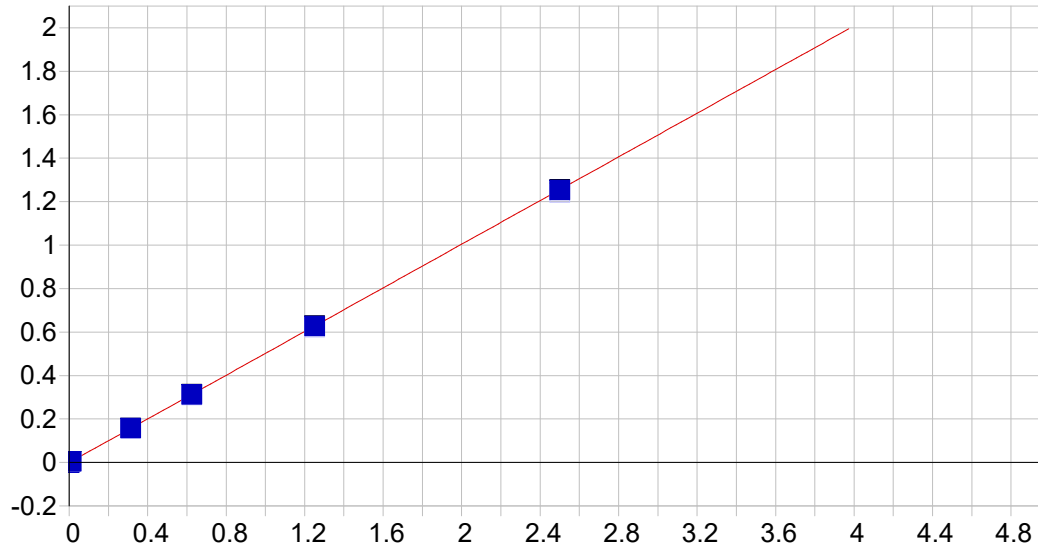


Ni 231.604 {446}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002078	Re-Slope:	1.000000
A1 (Gain):	0.564166	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999812	Status:	OK.
Std Error of Est:	0.000260		
Predicted MDL:	0.000658		
Predicted MQL:	0.002194		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00208	.000	1
S1	.04000	.04425	.004	10.6	.02289	.000	1
S2	.62500	.65143	.026	4.23	.36544	.001	1
S3	1.2500	1.2753	.025	2.02	.71741	.002	1
S4	2.5000	2.5229	.023	.916	1.4213	.002	1
S5	5.0000	4.9211	-.079	-1.58	2.7742	.003	1

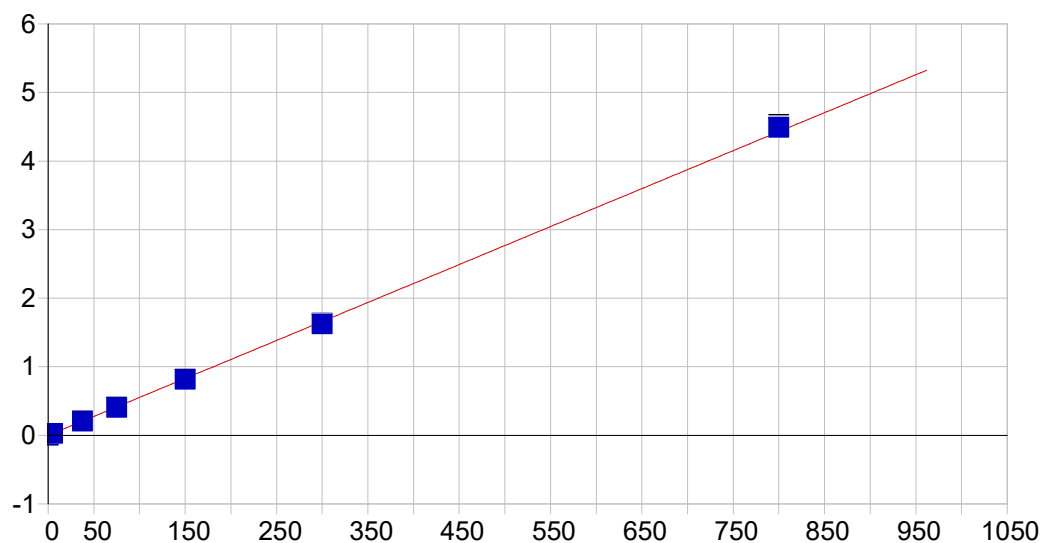


Ag 328.068 {103}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000643	Re-Slope:	1.000000
A1 (Gain):	0.502367	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.000432		
Predicted MQL:	0.001439		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00064	.000	1
S1	.01000	.01048	.000	4.83	.00458	.000	1
S2	.31250	.31494	.002	.780	.15600	.001	1
S3	.62500	.62435	-.001	-.104	.30987	.000	1
S4	1.2500	1.2509	.001	.074	.62150	.002	1
S5	2.5000	2.4968	-.003	-.128	1.2411	.003	1

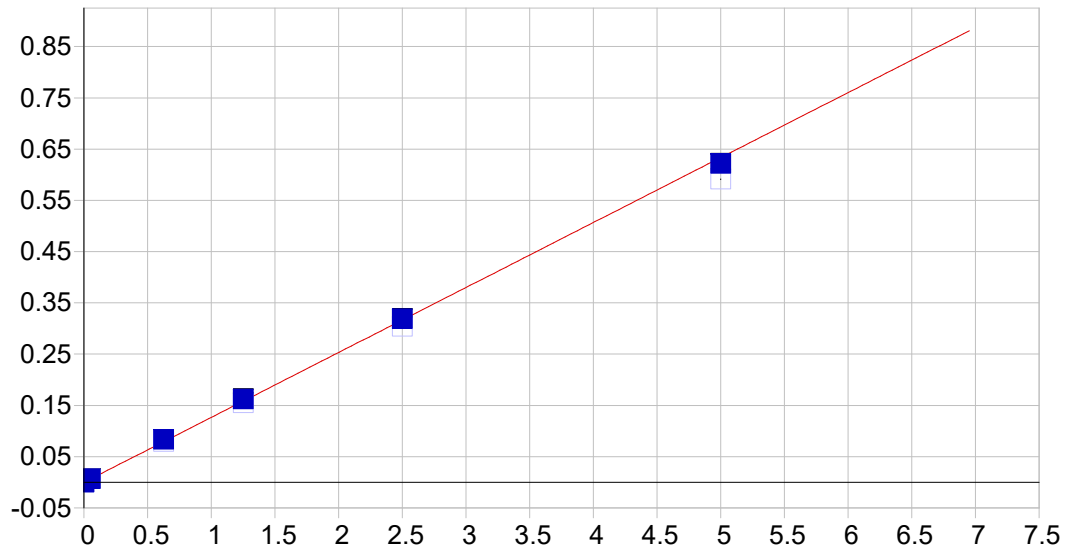


Na 818.326 { 41}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000985	Re-Slope:	1.000000
A1 (Gain):	0.005537	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999867	Status:	OK.
Std Error of Est:	0.000280		
Predicted MDL:	0.265006		
Predicted MQL:	0.883352		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00098	.002	1
S1	5.0000	5.0063	.006	.127	.02674	.001	1
S2	37.500	37.349	-.151	-.402	.20675	.001	1
S3	75.000	73.640	-1.36	-1.81	.40862	.001	1
S4	150.00	147.09	-2.91	-1.94	.81717	.003	1
S5	300.00	293.58	-6.42	-2.14	1.6320	.004	1
S6	800.00	810.83	10.8	1.35	4.5084	.024	1

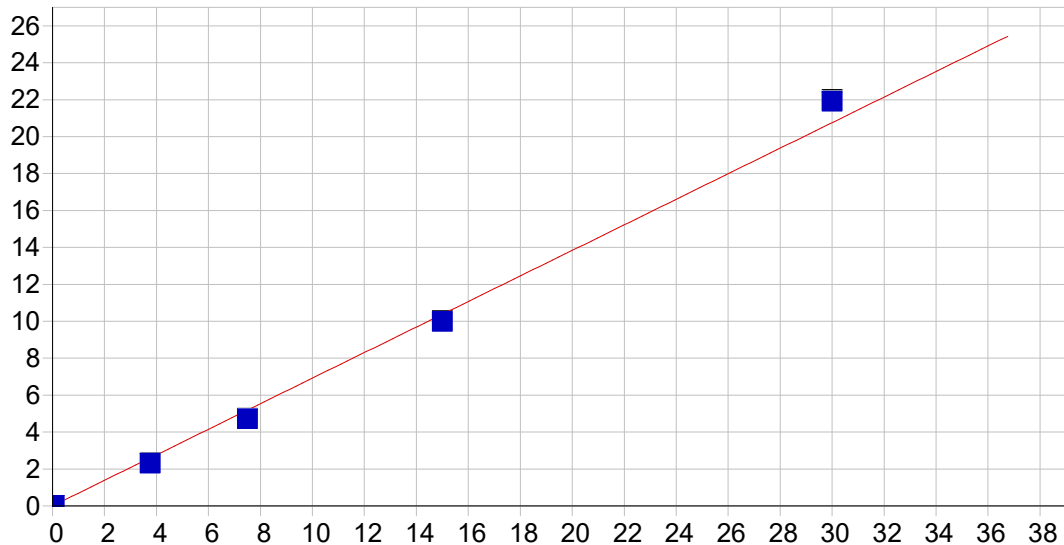


V 292.402 {115}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000229 Re-Slope: 1.000000
 A1 (Gain): 0.126753 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999650 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.002651
 Predicted MQL: 0.008837

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00023	.000	1
S1	.05000	.05796	.008	15.9	.00711	.000	1
S2	.62500	.65907	.034	5.45	.07951	.000	1
S3	1.2500	1.2839	.034	2.71	.15491	.000	1
S4	2.5000	2.5186	.019	.744	.30382	.001	1
S5	5.0000	4.9051	-.095	-1.90	.59113	.001	1

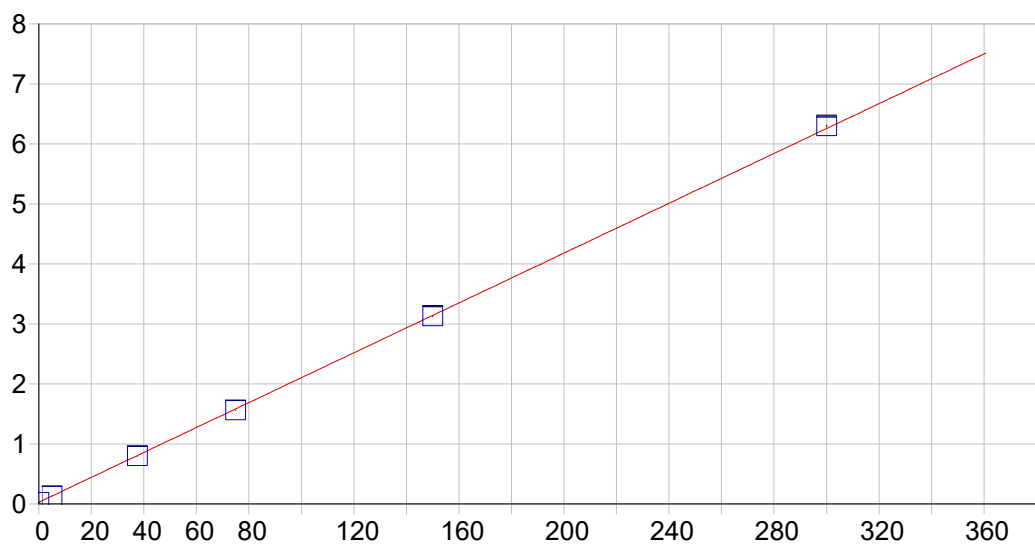


Zn 213.856 {158}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000685 Re-Slope: 1.000000
 A1 (Gain): 0.691882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998035 Status: OK.
 Std Error of Est: 0.003096
 Predicted MDL: 0.001783
 Predicted MQL: 0.005942

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00069	.001	1
S1	.06000	.06317	.003	5.29	.04451	.001	1
S2	3.7500	3.3386	-.411	-11.0	2.3148	.009	1
S3	7.5000	6.8165	-.684	-9.11	4.7254	.020	1
S4	15.000	14.423	-.577	-3.85	9.9965	.039	1
S5	30.000	31.669	1.67	5.56	21.946	.056	1

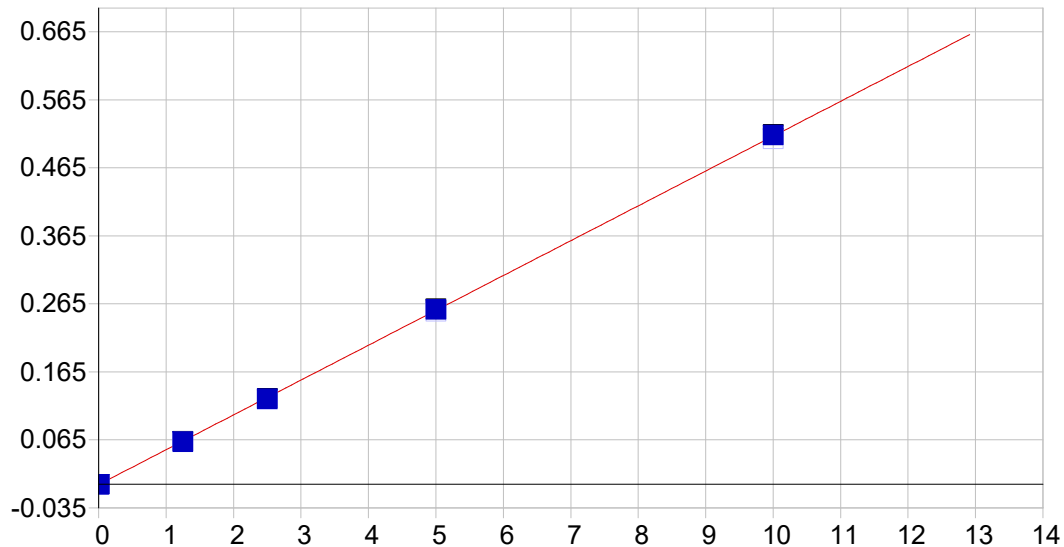


K 769.896 { 44}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.027381	Re-Slope:	1.000000
A1 (Gain):	0.020763	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000350		
Predicted MDL:	0.063889		
Predicted MQL:	0.212963		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	.02738	.001	1
S1	5.0000	4.9408	-.059	-1.18	.12997	.001	1
S2	37.500	37.140	-.360	-.960	.79853	.002	1
S3	75.000	73.840	-1.16	-1.55	1.5605	.003	1
S4	150.00	149.51	-.485	-.324	3.1318	.011	1
S5	300.00	302.06	2.06	.688	6.2992	.014	1

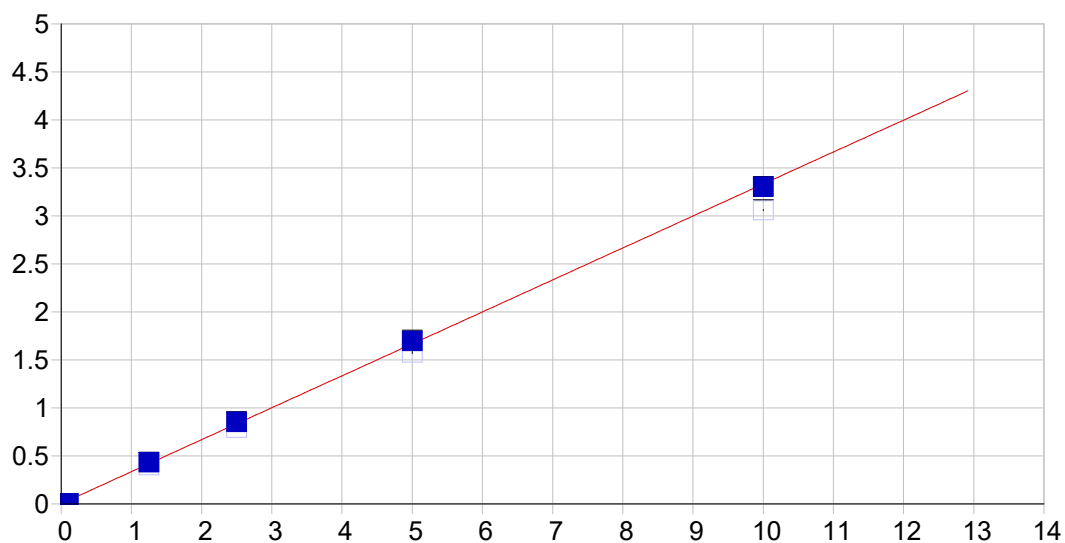


P 177.495 {490}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000761 Re-Slope: 1.000000
 A1 (Gain): 0.051242 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.003837
 Predicted MQL: 0.012789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00076	.000	1
S1	.01000	.01140	.001	14.0	-.00018	.000	1
S2	1.2500	1.2342	-.016	-1.26	.06176	.000	1
S3	2.5000	2.4609	-.039	-1.56	.12390	.001	1
S4	5.0000	5.0236	.024	.472	.25379	.001	1
S5	10.000	10.030	.030	.299	.50745	.001	1

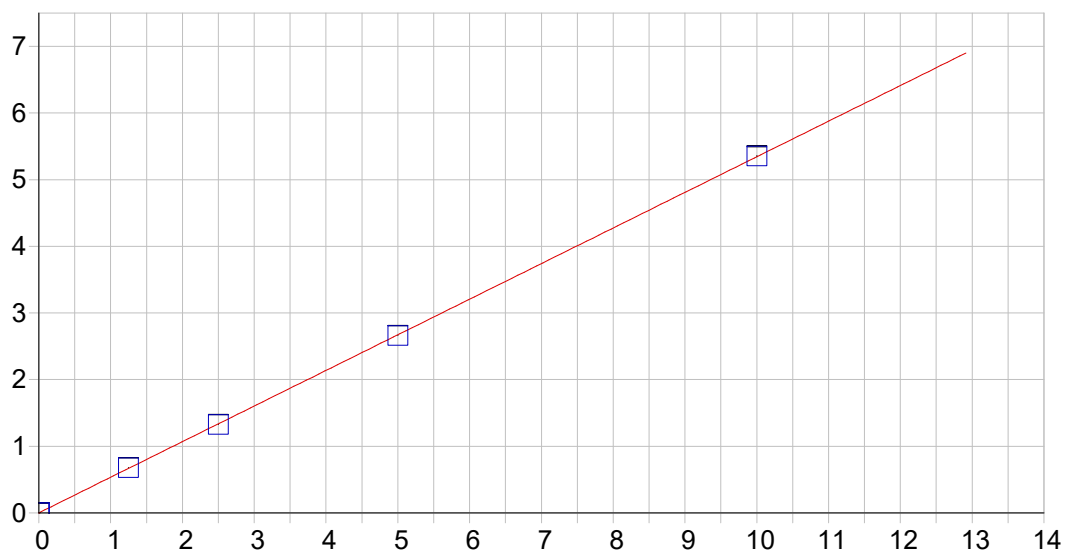


B 249.678 {135}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002659	Re-Slope:	1.000000
A1 (Gain):	0.332939	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997324	Status:	OK.
Std Error of Est:	0.001203		
Predicted MDL:	0.001098		
Predicted MQL:	0.003659		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00269	.000	1
S1	.10000	.00930	-.091	-90.7	.00569	.000	1
S2	1.2500	1.2916	.042	3.33	.40249	.001	1
S3	2.5000	2.5543	.054	2.17	.79268	.002	1
S4	5.0000	5.0880	.088	1.76	1.5758	.010	1
S5	10.000	9.9137	-.086	-.863	3.0617	.004	1

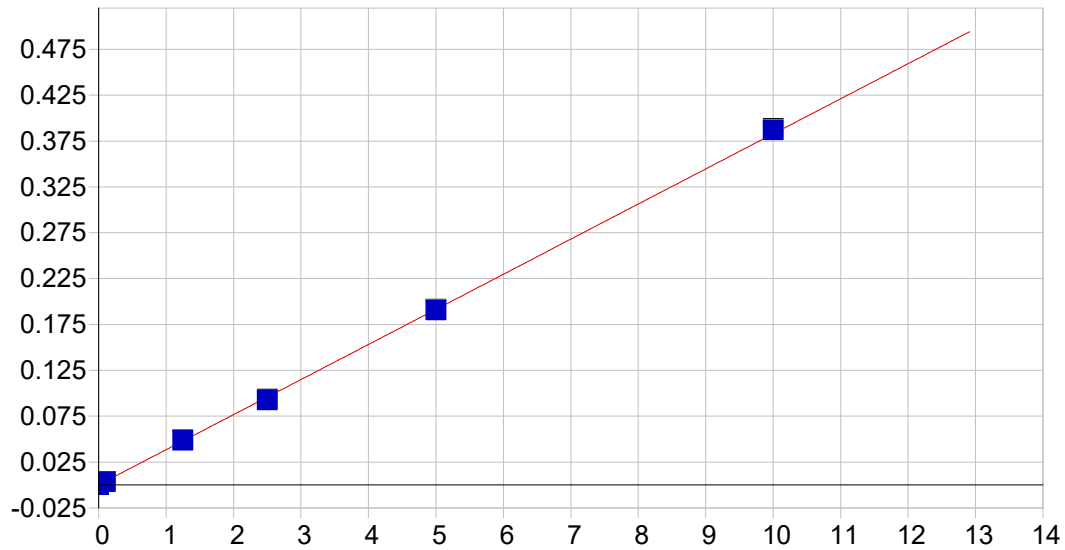


Mo 202.030 {467}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000652 Re-Slope: 1.000000
 A1 (Gain): 0.534322 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.000533
 Predicted MQL: 0.001775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00065	.000	1
S1	.01000	.01077	.001	7.72	.00641	.000	1
S2	1.2500	1.2676	.018	1.41	.67796	.002	1
S3	2.5000	2.4827	-.017	-.693	1.3272	.003	1
S4	5.0000	4.9785	-.022	-.431	2.6608	.002	1
S5	10.000	10.020	.020	.205	5.3548	.011	1

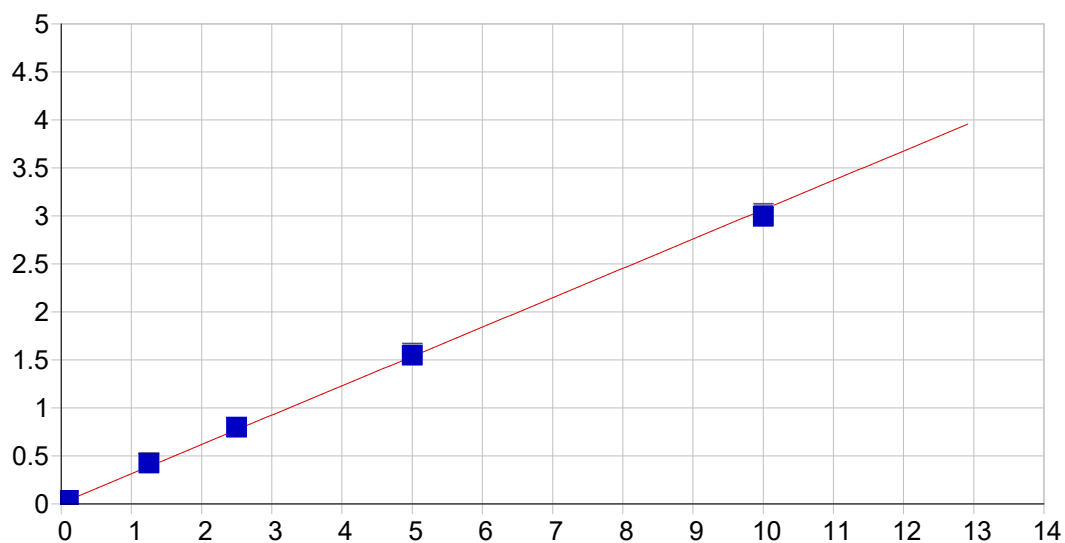


S 182.034 {485}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000200	Re-Slope:	1.000000
A1 (Gain):	0.038261	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999820	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.005677		
Predicted MQL:	0.018924		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00020	.000	1
S1	.10000	.08520	-.015	-14.8	.00346	.000	1
S2	1.2500	1.2651	.015	1.21	.04871	.000	1
S3	2.5000	2.4115	-.088	-3.54	.09267	.001	1
S4	5.0000	4.9784	-.022	-.432	.19108	.001	1
S5	10.000	10.110	.110	1.10	.38781	.001	1

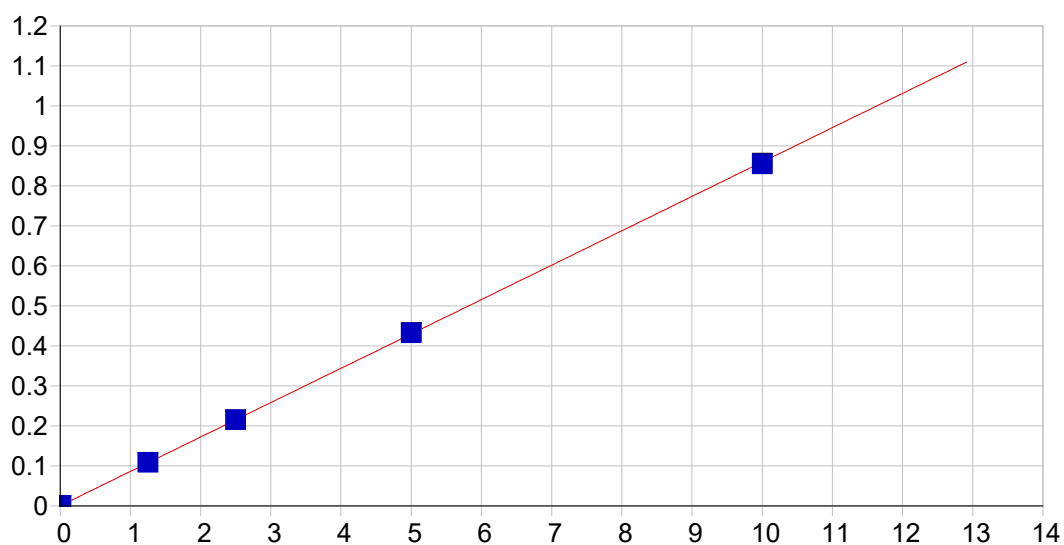


Si 251.611 {134}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.007486	Re-Slope:	1.000000
A1 (Gain):	0.305721	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999512	Status:	OK.
Std Error of Est:	0.000512		
Predicted MDL:	0.001249		
Predicted MQL:	0.004163		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00748	.001	1
S1	.10000	.10727	.007	7.27	.04039	.000	1
S2	1.2500	1.3586	.109	8.69	.42623	.001	1
S3	2.5000	2.5865	.087	3.46	.80500	.003	1
S4	5.0000	5.0331	.033	.662	1.5597	.009	1
S5	10.000	9.7645	-.235	-2.35	3.0198	.006	1

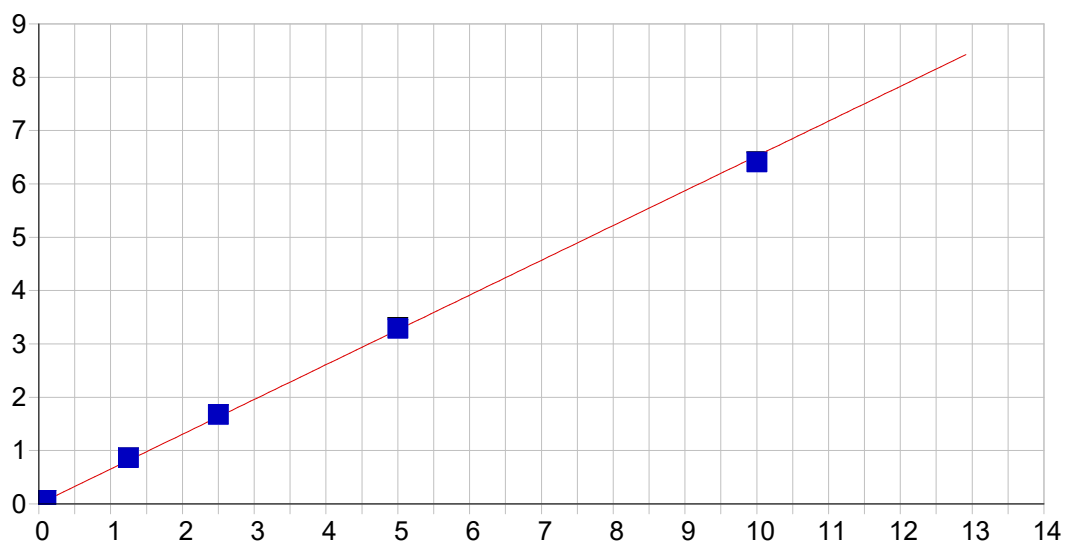


Sn 189.989 {478}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000359 Re-Slope: 1.000000
 A1 (Gain): 0.085923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002117
 Predicted MQL: 0.007056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.00700	.00662	-.000	-5.38	.00091	.000	1
S2	1.2500	1.2612	.011	.895	.10850	.000	1
S3	2.5000	2.5015	.002	.062	.21486	.001	1
S4	5.0000	5.0347	.035	.695	.43207	.001	1
S5	10.000	9.9529	-.047	-4.71	.85377	.001	1

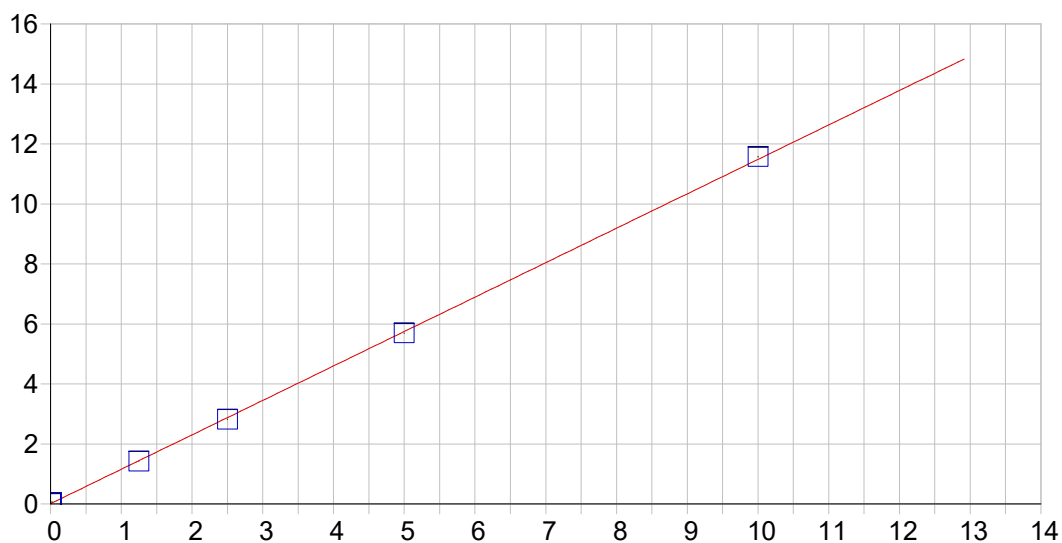


Ti 336.121 {100}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000902	Re-Slope:	1.000000
A1 (Gain):	0.652333	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999746	Status:	OK.
Std Error of Est:	0.000781		
Predicted MDL:	0.000903		
Predicted MQL:	0.003008		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00089	.001	1
S1	.10000	.10883	.009	8.83	.07188	.001	1
S2	1.2500	1.3193	.069	5.55	.86126	.002	1
S3	2.5000	2.5605	.060	2.42	1.6706	.004	1
S4	5.0000	5.0395	.040	.790	3.2872	.017	1
S5	10.000	9.8218	-.178	-1.78	6.4058	.012	1



Li 670.784 { 50}

Date of Fit: 11/23/2020 15:36:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.007107	Re-Slope:	1.000000
A1 (Gain):	1.147716	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997632	Status:	OK.
Std Error of Est:	0.001625		
Predicted MDL:	0.001347		
Predicted MQL:	0.004489		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00707	.001	1
S5	10.000	10.075	.075	.750	11.570	.010	1
S4	5.0000	4.9542	-.046	-.916	5.6931	.005	1
S3	2.5000	2.4502	-.050	-1.99	2.8193	.002	1
S2	1.2500	1.2344	-.016	-1.25	1.4238	.003	1
S1	.01500	.05111	.036	241.	.06577	.001	1







Y 371.030 { 91}*

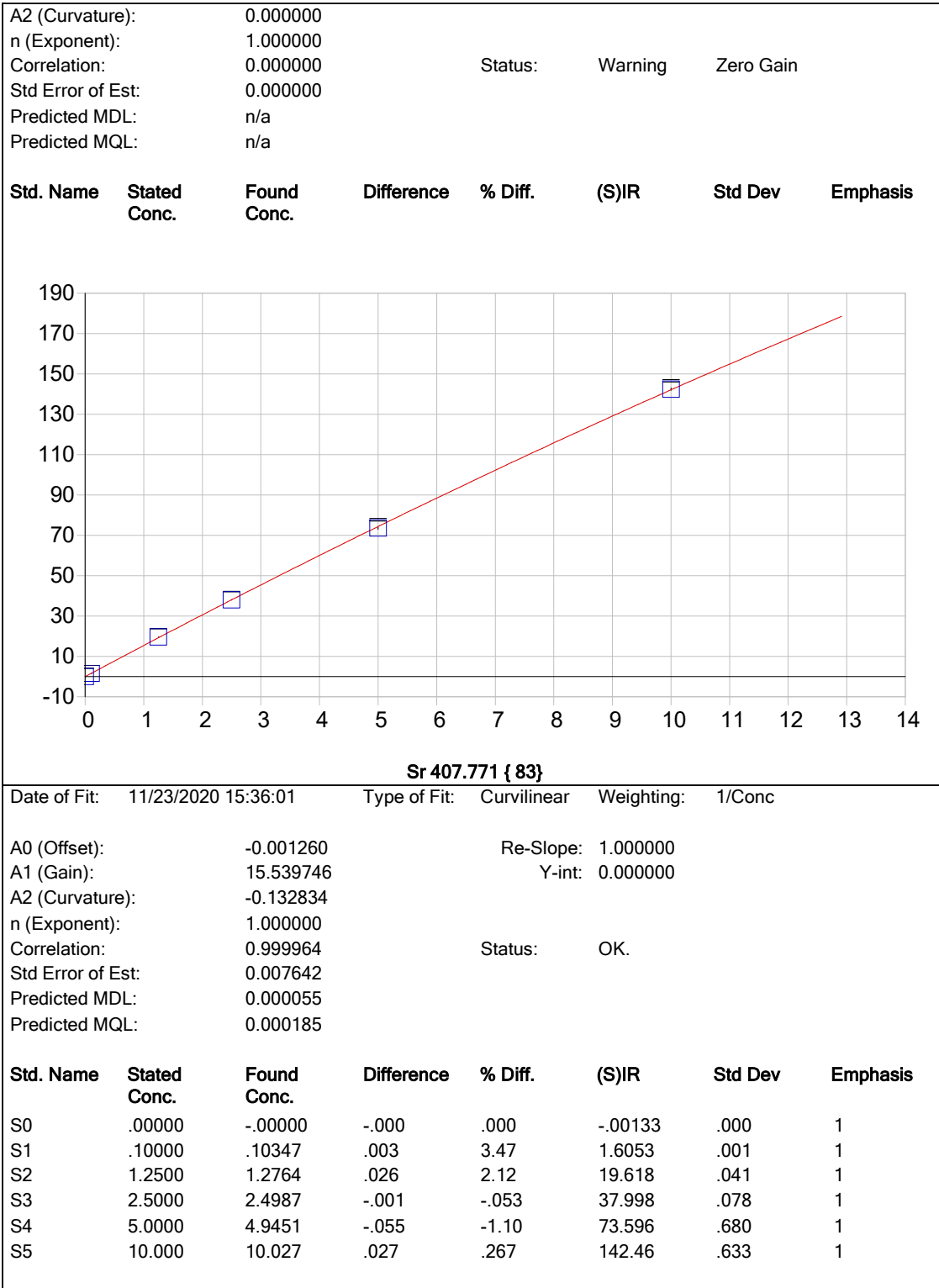
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 11/23/2020 14:28:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 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	-.00034	-.00128	.00073	.00094	.00077	.00263	-.01462	-.00258
Stddev	.00006	.00027	.00060	.00019	.00027	.00039	.00132	.00013
%RSD	17.119	21.035	81.945	20.417	35.032	14.717	9.0509	5.1349

#1	-.00035	-.00099	.00141	.00078	.00061	.00266	-.01469	-.00265
#2	-.00038	-.00132	.00039	.00116	.00063	.00222	-.01590	-.00242
#3	-.00027	-.00153	.00037	.00089	.00109	.00299	-.01326	-.00266

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	.00002	.00158	.00005	-.00009	.00224	-.00011	.00064	-.00035
Stddev	.00039	.00025	.00005	.00034	.00035	.00013	.00014	.00016
%RSD	1793.9	15.703	109.84	398.38	15.785	114.19	21.720	45.303

#1	-.00016	.00181	.00007	-.00043	.00219	-.00023	.00078	-.00046
#2	-.00024	.00131	.00009	-.00009	.00192	.00003	.00065	-.00041
#3	.00047	.00162	-.00001	.00026	.00262	-.00013	.00050	-.00017

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	-.00208	-.00064	-.00098	-.00023	.00069	.02738	-.00076	.00269
Stddev	.00036	.00019	.00220	.00038	.00060	.00088	.00010	.00043
%RSD	17.164	29.429	223.59	163.06	86.522	3.2281	13.694	15.888

#1	-.00249	-.00045	-.00029	.00020	.00033	.02637	-.00068	.00304
#2	-.00183	-.00082	.00079	-.00046	.00138	.02780	-.00073	.00281
#3	-.00193	-.00066	-.00345	-.00043	.00036	.02799	-.00088	.00221

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	.00065	.00020	.00748	.00036	.00089	.00707	-.00133	
Stddev	.00010	.00022	.00055	.00015	.00073	.00109	.00047	
%RSD	16.014	107.61	7.3981	41.746	81.595	15.427	35.295	

#1	.00076	.00015	.00790	.00034	.00114	.00601	-.00182	
#2	.00055	.00001	.00685	.00022	.00146	.00699	-.00130	
#3	.00065	.00044	.00769	.00052	.00007	.00819	-.00088	

Sample Name: S0 Acquired: 11/23/2020 14:28:13 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	832.07	1497.7	25299.	6979.5	1760.9
Stddev	.96	3.8	22.	11.1	4.1
%RSD	.11499	.25671	.08845	.15891	.23291
#1	831.24	1496.6	25279.	6966.7	1756.3
#2	833.12	1494.6	25323.	6985.1	1762.0
#3	831.87	1502.0	25296.	6986.6	1764.3

Sample Name: S1 Acquired: 11/23/2020 14:32:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) 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	.00006	.00027	.00392	.00360	.00919	.02379	.53489	.01401
Stddev	.00023	.00008	.00022	.00030	.00011	.00076	.00134	.00029
%RSD	373.39	29.343	5.4947	8.3102	1.2038	3.1792	.25058	2.0656
#1	.00028	.00025	.00368	.00370	.00908	.02317	.53389	.01413
#2	.00008	.00036	.00398	.00326	.00930	.02355	.53436	.01368
#3	-.00018	.00020	.00409	.00383	.00920	.02463	.53641	.01421
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	.01758	.41049	.00201	.05315	.00935	.00476	.01341	.07173
Stddev	.00049	.00105	.00002	.00010	.00026	.00007	.00029	.00063
%RSD	2.8134	.25528	1.0627	.17915	2.7389	1.3693	2.1647	.88080
#1	.01770	.41169	.00200	.05304	.00931	.00469	.01329	.07107
#2	.01703	.40979	.00200	.05323	.00911	.00482	.01374	.07178
#3	.01800	.40998	.00204	.05318	.00962	.00477	.01321	.07233
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	.02289	.00458	.02674	.00711	.04451	.12997	-.00018	.00569
Stddev	.00034	.00015	.00149	.00036	.00080	.00086	.00016	.00027
%RSD	1.4668	3.1766	5.5798	5.0067	1.7942	.66010	91.921	4.7726
#1	.02293	.00473	.02719	.00742	.04366	.13086	-.00029	.00599
#2	.02253	.00457	.02507	.00718	.04525	.12914	.00001	.00547
#3	.02320	.00444	.02795	.00672	.04462	.12990	-.00026	.00561
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	.00641	.00346	.04039	.00091	.07188	.06577	1.6053	
Stddev	.00010	.00010	.00034	.00018	.00056	.00079	.0014	
%RSD	1.5665	2.8692	.84085	20.179	.77230	1.1974	.08874	
#1	.00639	.00348	.04077	.00076	.07130	.06640	1.6053	
#2	.00632	.00335	.04029	.00111	.07193	.06603	1.6038	
#3	.00651	.00354	.04011	.00086	.07240	.06489	1.6067	

Sample Name: S1 Acquired: 11/23/2020 14:32:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	836.06	1500.0	25525.	7055.6	1773.0
Stddev	6.32	2.2	71.	30.1	2.0
%RSD	.75646	.14823	.27679	.42652	.11176
#1	838.04	1498.9	25453.	7028.3	1770.7
#2	828.98	1502.6	25529.	7087.9	1773.7
#3	841.15	1498.6	25594.	7050.7	1774.5

Sample Name: S2 Acquired: 11/23/2020 14:36:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) 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	.05355	.07316	1.6996	.08312	.17266	3.7135	9.0541	.39063
Stddev	.00072	.00034	.0032	.00080	.00089	.0085	.0022	.00056
%RSD	1.3445	.46519	.18768	.96070	.51662	.22929	.02455	.14272

#1	.05287	.07305	1.6977	.08319	.17208	3.7060	9.0526	.39127
#2	.05348	.07289	1.6979	.08229	.17222	3.7228	9.0530	.39030
#3	.05431	.07354	1.7033	.08388	.17369	3.7117	9.0566	.39031

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	2.1909	4.8711	.70457	.65744	1.0223	1.5633	3.0087	.85455
Stddev	.0053	.0152	.00082	.00228	.0017	.0053	.0134	.00511
%RSD	.24199	.31248	.11686	.34736	.16731	.33728	.44448	.59754

#1	2.1855	4.8547	.70407	.65545	1.0207	1.5588	2.9946	.84938
#2	2.1912	4.8736	.70412	.65694	1.0241	1.5691	3.0103	.85959
#3	2.1961	4.8849	.70552	.65994	1.0222	1.5620	3.0212	.85468

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	.36544	.15600	.20675	.07951	2.3148	.79853	.06176	.40249
Stddev	.00067	.00074	.00105	.00034	.0086	.00175	.00036	.00074
%RSD	.18223	.47208	.50864	.42192	.37323	.21921	.58868	.18468

#1	.36483	.15523	.20624	.07924	2.3180	.79693	.06164	.40211
#2	.36532	.15607	.20604	.07941	2.3051	.80040	.06148	.40202
#3	.36615	.15670	.20796	.07989	2.3215	.79825	.06217	.40335

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	.67796	.04871	.42623	.10850	.86126	1.4238	19.618
Stddev	.00168	.00034	.00075	.00040	.00212	.0026	.041
%RSD	.24842	.69772	.17540	.37204	.24649	.18065	.20696

#1	.67797	.04832	.42690	.10857	.85886	1.4231	19.572
#2	.67627	.04895	.42636	.10807	.86290	1.4267	19.648
#3	.67964	.04885	.42542	.10887	.86202	1.4217	19.633

Sample Name: S2 Acquired: 11/23/2020 14:36:27 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	798.96	1444.7	25058.	6982.0	1646.2
Stddev	3.69	3.5	66.	17.7	2.3
%RSD	.46125	.24081	.26493	.25347	.13978
#1	799.57	1444.5	25119.	7001.7	1647.4
#2	802.29	1448.2	25068.	6967.5	1647.6
#3	795.00	1441.3	24987.	6976.7	1643.5

Sample Name: S3 Acquired: 11/23/2020 14:40:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) 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	.10584	.14220	3.3513	.16139	.33619	7.2867	17.806	.75069
Stddev	.00023	.00053	.0100	.00041	.00074	.0115	.035	.00463
%RSD	.22090	.36974	.29713	.25579	.22025	.15824	.19526	.61740

#1	.10601	.14234	3.3455	.16101	.33534	7.2769	17.846	.75375
#2	.10557	.14264	3.3456	.16183	.33652	7.2837	17.783	.74536
#3	.10594	.14162	3.3628	.16133	.33671	7.2994	17.789	.75296

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	4.2875	9.4804	1.3538	1.2962	1.9886	3.0000	5.7979	1.6792
Stddev	.0097	.0230	.0015	.0045	.0028	.0106	.0082	.0067
%RSD	.22498	.24241	.11155	.34925	.14142	.35457	.14126	.40004

#1	4.2814	9.5015	1.3520	1.2953	1.9871	2.9888	5.8071	1.6732
#2	4.2825	9.4839	1.3546	1.2923	1.9868	3.0014	5.7917	1.6779
#3	4.2986	9.4559	1.3547	1.3012	1.9918	3.0099	5.7947	1.6865

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	.71741	.30987	.40862	.15491	4.7254	1.5605	.12390	.79268
Stddev	.00206	.00049	.00137	.00044	.0196	.0027	.00078	.00196
%RSD	.28680	.15783	.33584	.28558	.41523	.17170	.62814	.24784

#1	.71552	.30931	.40815	.15470	4.7146	1.5576	.12330	.79321
#2	.71711	.31021	.41016	.15461	4.7134	1.5629	.12478	.79050
#3	.71960	.31008	.40754	.15542	4.7480	1.5611	.12363	.79433

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	1.3272	.09267	.80500	.21486	1.6706	2.8193	37.998
Stddev	.0026	.00097	.00330	.00063	.0037	.0025	.078
%RSD	.19637	1.0450	.40944	.29189	.22034	.08795	.20644

#1	1.3249	.09204	.80507	.21415	1.6674	2.8215	37.968
#2	1.3300	.09378	.80167	.21506	1.6699	2.8166	37.940
#3	1.3267	.09218	.80826	.21535	1.6746	2.8198	38.087

Sample Name: S3 Acquired: 11/23/2020 14:40:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	768.19	1394.0	24576.	6897.8	1563.9
Stddev	.98	2.8	68.	5.8	2.0
%RSD	.12754	.20391	.27584	.08384	.12637
#1	769.00	1393.1	24615.	6898.9	1562.7
#2	767.10	1391.8	24498.	6891.5	1566.2
#3	768.47	1397.2	24616.	6902.9	1562.8

Sample Name: S4 Acquired: 11/23/2020 14:44:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) 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	.21511	.27941	6.6759	.31865	.67554	14.653	34.685	1.4550
Stddev	.00053	.00091	.0062	.00086	.00075	.040	.035	.0072
%RSD	.24781	.32491	.09217	.26890	.11118	.26981	.09990	.49645

#1	.21455	.28016	6.6795	.31927	.67617	14.639	34.716	1.4617
#2	.21515	.27968	6.6794	.31900	.67575	14.622	34.690	1.4474
#3	.21561	.27840	6.6688	.31767	.67471	14.697	34.648	1.4561

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	8.4836	18.678	2.6334	2.5820	3.9234	5.8816	11.367	3.3844
Stddev	.0157	.019	.0018	.0052	.0077	.0367	.021	.0220
%RSD	.18500	.10168	.06635	.20272	.19532	.62328	.18059	.65028

#1	8.4863	18.698	2.6314	2.5811	3.9284	5.8761	11.385	3.3809
#2	8.4978	18.660	2.6346	2.5876	3.9146	5.8479	11.344	3.3643
#3	8.4667	18.676	2.6342	2.5773	3.9274	5.9206	11.371	3.4079

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	1.4213	.62150	.81717	.30382	9.9965	3.1318	.25379	1.5758
Stddev	.0025	.00167	.00251	.00086	.0387	.0108	.00083	.0097
%RSD	.17322	.26884	.30767	.28252	.38754	.34457	.32831	.61282

#1	1.4224	.62239	.81573	.30287	9.9526	3.1292	.25292	1.5833
#2	1.4229	.62255	.81570	.30403	10.026	3.1225	.25387	1.5649
#3	1.4184	.61958	.82007	.30455	10.011	3.1436	.25458	1.5793

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	2.6608	.19108	1.5597	.43207	3.2872	5.6931	73.596
Stddev	.0023	.00056	.0091	.00078	.0170	.0051	.680
%RSD	.08774	.29138	.58140	.17982	.51833	.08974	.92452

#1	2.6588	.19170	1.5674	.43145	3.2841	5.6976	74.337
#2	2.6634	.19093	1.5497	.43294	3.2719	5.6943	72.999
#3	2.6601	.19061	1.5620	.43182	3.3056	5.6875	73.451

Sample Name: S4 Acquired: 11/23/2020 14:44:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	724.84	1318.4	24066.	6810.3	1470.0
Stddev	2.44	3.1	66.	25.7	4.5
%RSD	.33693	.23173	.27392	.37719	.30363
#1	726.93	1316.7	24140.	6794.8	1467.9
#2	722.15	1316.6	24043.	6840.0	1467.1
#3	725.44	1321.9	24014.	6796.2	1475.2

Sample Name: S5 Acquired: 11/23/2020 14:48:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) 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	.44082	.53382	13.177	.62102	1.3631	29.495	68.219	2.7876
Stddev	.00146	.00088	.008	.00178	.0013	.050	.304	.0022
%RSD	.33108	.16468	.05918	.28648	.09329	.16847	.44531	.07721

#1	.43946	.53477	13.183	.61898	1.3616	29.439	67.874	2.7851
#2	.44237	.53304	13.168	.62225	1.3641	29.511	68.446	2.7892
#3	.44064	.53366	13.180	.62184	1.3635	29.535	68.338	2.7884

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	16.477	36.223	5.0163	5.0688	7.7246	11.412	21.963	6.8211
Stddev	.023	.080	.0111	.0081	.0115	.035	.047	.0259
%RSD	.14230	.21999	.22178	.16046	.14832	.30496	.21512	.37917

#1	16.494	36.165	5.0216	5.0697	7.7270	11.372	21.935	6.7916
#2	16.450	36.191	5.0238	5.0603	7.7121	11.436	21.937	6.8316
#3	16.487	36.314	5.0035	5.0765	7.7347	11.429	22.018	6.8400

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	2.7742	1.2411	1.6320	.59113	21.946	6.2992	.50745	3.0617
Stddev	.0033	.0026	.0038	.00067	.056	.0141	.00087	.0038
%RSD	.12036	.21012	.23551	.11346	.25386	.22391	.17211	.12463

#1	2.7763	1.2425	1.6309	.59039	21.924	6.2830	.50838	3.0576
#2	2.7704	1.2381	1.6288	.59130	22.009	6.3060	.50665	3.0622
#3	2.7760	1.2427	1.6363	.59170	21.904	6.3086	.50731	3.0652

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	5.3548	.38781	3.0198	.85377	6.4058	11.570	142.46
Stddev	.0108	.00089	.0062	.00111	.0117	.010	.63
%RSD	.20117	.22917	.20526	.13046	.18269	.08922	.44405

#1	5.3503	.38765	3.0148	.85470	6.3945	11.560	141.77
#2	5.3471	.38877	3.0178	.85406	6.4049	11.570	142.60
#3	5.3671	.38701	3.0267	.85253	6.4179	11.581	143.01

Sample Name: S5 Acquired: 11/23/2020 14:48:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	652.31	1216.6	23476.	6685.3	1366.6
Stddev	1.20	3.3	60.	22.2	1.7
%RSD	.18441	.27165	.25443	.33255	.12480
#1	652.88	1219.8	23501.	6709.1	1367.3
#2	650.93	1216.8	23408.	6681.8	1367.8
#3	653.13	1213.2	23519.	6665.1	1364.6

Sample Name: ICB Acquired: 11/23/2020 15:00:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002694	.0029534	-.000870	-.000714	-.000998	-.004191	.0003501
Stddev	.000926	.0032122	.001646	.002019	.001446	.001588	.0001415
%RSD	34.36673	108.7634	189.1014	282.6617	144.8875	37.89049	40.41459

#1	-.002559	-.000234	-.001485	-.002564	-.000198	-.005869	.0003111
#2	-.001843	.006190	.000994	-.001020	-.002667	-.003993	.0005071
#3	-.003680	.002904	-.002120	.001440	-.000129	-.002712	.0002323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001038	-.000041	.0012640	-.000037	-.000169	.0005472	.0117735
Stddev	.0000675	.000046	.0020940	.000976	.000305	.0001138	.0026707
%RSD	64.98867	112.1719	165.6650	2669.565	180.0072	20.78844	22.68364

#1	.0001387	.000011	.0015775	.000949	-.000425	.0006306	.0097593
#2	.0001467	-.000060	-.000969	-.001003	-.000251	.0004176	.0148029
#3	.0000260	-.000075	.003184	-.000055	.000168	.0005934	.0107584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000366	.0120530	.0002596	-.000279	-.003028	.0009041	.0011543
Stddev	.000199	.0228808	.0002209	.000228	.092881	.0011653	.0019731
%RSD	54.37552	189.8354	85.10354	81.54919	3066.913	128.8858	170.9379

#1	-.000350	-.006852	.0004979	-.000092	-.071780	.0006453	-.000690
#2	-.000573	.005521	.0002193	-.000532	.102634	.0021771	.003235
#3	-.000176	.037489	.0000616	-.000213	-.039939	-.000110	.000918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1013739	.0002149	.0065690	.0002355	.0009883	-.003540	-.000955
Stddev	.0257936	.0040841	.0001870	.0001298	.0029710	.000436	.000584
%RSD	25.44401	1899.981	2.847493	55.10172	300.6051	12.32831	61.14756

#1	.1265538	-.004431	.0067792	.0001087	-.002384	-.003608	-.000605
#2	.1025602	.003238	.0065073	.0002298	.002131	-.003938	-.001629
#3	.0750076	.001837	.0064207	.0003680	.003218	-.003073	-.000631

Sample Name: ICB Acquired: 11/23/2020 15:00:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000177	.0030925	-.000030
Stddev	.000349	.0006051	.000015
%RSD	197.7294	19.56575	51.25873

#1	-.000428	.0029128	-.000046
#2	-.000324	.0037670	-.000029
#3	.000222	.0025976	-.000015

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	831.9582	1497.625	25249.89	6919.822	1752.536
Stddev	2.6217	.728	39.45	22.483	2.630
%RSD	.3151260	.0486329	.1562527	.3249074	.1500877

#1	834.2365	1496.847	25287.91	6903.434	1749.561
#2	829.0927	1497.736	25252.60	6910.578	1753.491
#3	832.5455	1498.291	25209.15	6945.453	1754.555

Sample Name: ICV Acquired: 11/23/2020 14:56:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9534146	1.061774	.9935742	1.057206	.9945194	2.488102
Stddev	.0037898	.000324	.0006906	.013838	.0026698	.009826
%RSD	.3975002	.0305485	.0695025	1.308878	.2684533	.3949164

#1	.9496029	1.061754	.9933760	1.041510	.9948086	2.497666
#2	.9534587	1.062108	.9943422	1.067643	.9917168	2.478033
#3	.9571822	1.061461	.9930044	1.062466	.9970329	2.488606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5249852	.5264021	.5219525	10.38844	.5635531	.5105624
Stddev	.0010440	.0022119	.0012985	.05005	.0009597	.0005845
%RSD	.1988673	.4201894	.2487730	.4817425	.1702929	.1144866

#1	.5251820	.5276661	.5210391	10.43103	.5638221	.5100473
#2	.5238568	.5276922	.5213796	10.33332	.5624876	.5104421
#3	.5259169	.5238481	.5234389	10.40098	.5643495	.5111977

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035650	10.92384	.5222783	5.617491	.5232024	.2403461
Stddev	.0014519	.02219	.0025148	.037203	.0007679	.0003315
%RSD	.2883269	.2031546	.4815010	.6622744	.1467769	.1379282

#1	.5030074	10.93329	.5251696	5.587547	.5226956	.2403984
#2	.5052130	10.93975	.5205994	5.659139	.5240860	.2399915
#3	.5024745	10.89849	.5210659	5.605788	.5228257	.2406483

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.653237	.5270516	.9861405	9.380117	F .0057254	F .0123644
Stddev	.207953	.0027096	.0028523	.054771	.0047427	.0007561
%RSD	2.154231	.5141074	.2892426	.5839073	82.83536	6.115394

#1	9.431880	.5261692	.9853712	9.364605	.0081764	.0132361
#2	9.844508	.5248931	.9892986	9.440972	.0087411	.0119701
#3	9.683325	.5300924	.9837517	9.334775	.0002588	.0118868

Sample Name: ICV Acquired: 11/23/2020 14:56:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0005608	F .0010632	F .0017722	F .0017377	F -.000834	F .0067830
Stddev	.0002092	.0013521	.0012089	.0025391	.000585	.0009262
%RSD	37.30249	127.1732	68.21250	146.1189	70.18890	13.65549

#1	.0003525	.0017267	.0006368	-.000655	-.000360	.0072173
#2	.0007709	.0019554	.0016367	.001466	-.001489	.0074123
#3	.0005590	-.000492	.0030431	.004402	-.000653	.0057194

Elem	Sr4077
Units	ppm
Avg	F .0011813
Stddev	.0000486
%RSD	4.112921

#1	.0011317
#2	.0011832
#3	.0012289

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	835.3132	1493.872	25378.12	6997.670	1749.293
Stddev	3.4607	2.548	28.76	23.718	2.160
%RSD	.4142954	.1705550	.1133132	.3389343	.1234931

#1	834.6178	1493.110	25350.73	6977.271	1751.703
#2	832.2530	1496.714	25408.07	6992.046	1747.529
#3	839.0687	1491.792	25375.56	7023.694	1748.649

Sample Name: S6 Acquired: 11/23/2020 14:52:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) 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	76.269	59.179	29.872	11.197	4.5084
Stddev	.842	.634	.219	.088	.0244
%RSD	1.1033	1.0719	.73455	.78747	.54051

#1	75.868	59.114	29.844	11.192	4.5094
#2	77.236	59.843	30.104	11.288	4.5323
#3	75.702	58.579	29.667	11.112	4.4836

Int. Std.	Y_3710
Units	Cts/S
Avg	6583.9
Stddev	48.0
%RSD	.72968

#1	6580.0
#2	6537.9
#3	6633.8

Sample Name: ICSA Acquired: 11/23/2020 15:05:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019279	.0139187	-.000461	.0077392	.0027976	255.3647
Stddev	.0091179	.0034020	.002830	.0051631	.0039203	.4191
%RSD	472.9442	24.44215	613.8560	66.71346	140.1284	.1641369

#1	.0091076	.0130396	.002750	.0055736	.0049515	255.1071
#2	-.008331	.0176740	-.002591	.0136324	-.001727	255.8483
#3	.005007	.0110425	-.001542	.0040116	.005169	255.1386

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059574	.0012825	-.000347	254.0573	.0504174	-.001684
Stddev	.0004338	.0000521	.000084	.6794	.0005408	.000420
%RSD	7.280979	4.062087	24.16037	.2674162	1.072547	24.92067

#1	.0058386	.0012410	-.000250	253.8454	.0509495	-.001681
#2	.0055953	.0012655	-.000386	254.8173	.0498684	-.002105
#3	.0064381	.0013410	-.000403	253.5090	.0504343	-.001266

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030449	105.6030	.0153393	250.3029	-.000661	.0016711
Stddev	.0008639	.1940	.0003263	.7201	.000606	.0003487
%RSD	28.37141	.1837348	2.127398	.2876977	91.73700	20.87005

#1	.0039849	105.4056	.0154388	249.6151	-.000176	.0017159
#2	.0028639	105.7934	.0149748	251.0515	-.001341	.0019952
#3	.0022858	105.6101	.0156043	250.2420	-.000466	.0013021

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.361071	.0017851	.0005918	-.144205	.0095236	-.007233
Stddev	.184580	.0018018	.0026496	.063576	.0015262	.001837
%RSD	51.11995	100.9330	447.6907	44.08723	16.02571	25.39322

#1	-.573913	.0001714	-.001593	-.190042	.0110795	-.008979
#2	-.244979	.0037292	.003539	-.170948	.0094623	-.007402
#3	-.264323	.0014547	-.000170	-.071626	.0080289	-.005318

Sample Name: ICSA Acquired: 11/23/2020 15:05:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000290	.0053395	-.006557	F -.010396	-.002128	.0063236
Stddev	.000659	.0083665	.001204	.001587	.000511	.0002484
%RSD	227.0457	156.6911	18.36295	15.26134	24.03350	3.927619
#1	.000378	.0141337	-.005307	-.008565	-.001738	.0066016
#2	-.000309	.0044058	-.006654	-.011275	-.002707	.0062459
#3	-.000940	-.002521	-.007710	-.011349	-.001938	.0061234

Elem	Sr4077
Units	ppm
Avg	.0974245
Stddev	.0003004
%RSD	.3083176
#1	.0975086
#2	.0976740
#3	.0970911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	785.0959	1397.472	24170.95	6802.436	1529.777
Stddev	1.3466	2.540	65.12	15.146	2.931
%RSD	.1715219	.1817277	.2694013	.2226505	.1915958
#1	783.5417	1395.869	24238.90	6791.735	1527.822
#2	785.9126	1400.400	24109.09	6795.807	1533.147
#3	785.8335	1396.147	24164.86	6819.766	1528.362

Sample Name: ICSAB Acquired: 11/23/2020 15:09:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961468	.1090886	.0490753	.0584561	.5927640	253.0313
Stddev	.0083601	.0023332	.0009435	.0014431	.0058992	.8919
%RSD	8.695134	2.138835	1.922565	2.468704	.9952077	.3524745

#1	.1044919	.1100624	.0488557	.0567991	.5946497	252.0296
#2	.0961768	.1064262	.0482609	.0594375	.5974899	253.7394
#3	.0877718	.1107771	.0501092	.0591316	.5861525	253.3249

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5240364	.5139406	1.031713	251.6272	.5917523	.5094275
Stddev	.0005462	.0004648	.003599	.4677	.0019261	.0017040
%RSD	.1042365	.0904298	.3488843	.1858839	.3254932	.3344957

#1	.5246480	.5134997	1.028488	251.5428	.5898543	.5090194
#2	.5235971	.5138961	1.031055	251.2075	.5916972	.5079647
#3	.5238642	.5144260	1.035596	252.1314	.5937053	.5112986

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4877498	104.4616	.5146112	247.0522	1.027773	.2062967
Stddev	.0027775	.7811	.0015939	1.6613	.004790	.0009077
%RSD	.5694473	.7477433	.3097344	.6724438	.4660594	.4400096

#1	.4853579	103.6501	.5157488	245.3633	1.024477	.2053488
#2	.4907960	105.2083	.5127894	248.6845	1.025574	.2071580
#3	.4870956	104.5264	.5152955	247.1089	1.033267	.2063833

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.357386	.5144102	1.019607	-.329210	F .0151745	-.009584
Stddev	.263259	.0034396	.006600	.049174	.0019321	.001465
%RSD	73.66239	.6686555	.6473140	14.93702	12.73233	15.28887

#1	-.536833	.5109025	1.017403	-.340226	.0129944	-.011273
#2	-.480157	.5145506	1.027027	-.275462	.0166748	-.008826
#3	-.055167	.5177774	1.014391	-.371941	.0158543	-.008653

Sample Name: ICSAB Acquired: 11/23/2020 15:09:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000146	.0040314	-.007147	F -.007244	-.002589	.0057838
Stddev	.000366	.0083784	.000289	.003127	.000827	.0015260
%RSD	251.3853	207.8309	4.036865	43.16239	31.94111	26.38410
#1	-.000369	.0133796	-.007416	-.003768	-.003251	.0070561
#2	.000277	.0015148	-.007184	-.008139	-.002856	.0062035
#3	-.000346	-.002800	-.006842	-.009826	-.001662	.0040919

Elem	Sr4077
Units	ppm
Avg	.0966513
Stddev	.0002611
%RSD	.2701236
#1	.0963622
#2	.0968697
#3	.0967222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	784.5658	1394.628	24164.86	6864.365	1532.256
Stddev	4.0621	2.337	12.99	11.557	1.533
%RSD	.5177494	.1675620	.0537381	.1683562	.1000651
#1	787.3430	1394.864	24179.84	6877.703	1532.553
#2	786.4509	1396.838	24158.03	6857.339	1533.619
#3	779.9037	1392.182	24156.72	6858.053	1530.596

Sample Name: CCV068 Acquired: 11/23/2020 15:24:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.075424	5.065434	25.62772	5.042345	5.212615	422.9252
Stddev	.020106	.014813	.04649	.027576	.014609	2.7563
%RSD	.3961414	.2924264	.1813872	.5468981	.2802548	.6517153

#1	5.058518	5.055485	25.58356	5.043293	5.206149	419.7980
#2	5.070097	5.082458	25.62337	5.014306	5.202356	423.9769
#3	5.097657	5.058360	25.67622	5.069435	5.229341	425.0009

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.40192	.5383385	2.597983	428.8302	15.96031	2.615405
Stddev	.10893	.0042203	.004522	.7754	.02878	.005507
%RSD	1.047209	.7839456	.1740662	.1808195	.1803359	.2105711

#1	10.42524	.5372508	2.593565	429.4775	15.97801	2.610136
#2	10.49731	.5429961	2.597782	429.0422	15.92710	2.614956
#3	10.28323	.5347685	2.602602	427.9708	15.97581	2.621123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59279	F 441.2703	15.74413	425.7551	2.596618	1.333158
Stddev	.04077	.6625	.02970	.2203	.006105	.005298
%RSD	.2614365	.1501327	.1886261	.0517502	.2350956	.3973861

#1	15.63215	441.6367	15.75339	425.9221	2.589594	1.328691
#2	15.55075	440.5056	15.76809	425.5053	2.599619	1.331772
#3	15.59547	441.6687	15.71090	425.8377	2.600641	1.339011

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	425.7018	2.621352	13.82787	162.5409	5.272458	5.265421
Stddev	.8871	.006312	.05728	.1352	.021476	.016234
%RSD	.2083960	.2408010	.4142049	.0831869	.4073160	.3083100

#1	425.4607	2.628629	13.82651	162.6938	5.297255	5.256362
#2	424.9602	2.617362	13.77129	162.4371	5.260198	5.284163
#3	426.6846	2.618064	13.88581	162.4917	5.259920	5.255738

Sample Name: CCV068 Acquired: 11/23/2020 15:24:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.062449	5.443917	5.182566	5.188396	5.239952	5.267512
Stddev	.011817	.010948	.024490	.020723	.006875	.015346
%RSD	.2334309	.2011092	.4725478	.3994025	.1312057	.2913321

#1	5.064604	5.452955	5.178011	5.168306	5.247813	5.279954
#2	5.049702	5.431743	5.209013	5.187183	5.235062	5.250364
#3	5.073040	5.447052	5.160672	5.209697	5.236981	5.272218

Elem	Sr4077
Units	ppm
Avg	5.264620
Stddev	.016038
%RSD	.3046344

#1	5.271373
#2	5.276177
#3	5.246310

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	705.1361	1266.267	23446.20	6636.830	1379.522
Stddev	1.9105	4.135	69.92	30.905	2.217
%RSD	.2709381	.3265229	.2982176	.4656583	.1606769

#1	707.0793	1265.367	23382.17	6636.059	1381.988
#2	703.2601	1270.777	23520.81	6606.318	1378.881
#3	705.0689	1262.656	23435.61	6668.113	1377.695

Sample Name: CCB068 Acquired: 11/23/2020 15:28:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003850	.0007769	.0031938	.0071471	.0003686	.0078344	-.000307
Stddev	.004388	.0018463	.0025149	.0020542	.0011981	.0098940	.000150
%RSD	113.9804	237.6389	78.74345	28.74204	324.9933	126.2883	48.85967

#1	-.002742	.0006076	.0060394	.0093375	.0001936	.0038627	-.000479
#2	-.000122	-.000979	.0022726	.0068401	.0016446	.0190972	-.000244
#3	-.008686	.002702	.0012694	.0052636	-.000732	.0005434	-.000199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000982	-.000019	.0065092	-.000534	-.000210	.0001910	.0128487
Stddev	.0000273	.000065	.0076977	.000376	.000351	.0017971	.0021240
%RSD	27.82103	346.6717	118.2598	70.43823	167.2669	940.8159	16.53079

#1	.0001174	.000054	.0008392	-.000356	-.000614	-.000640	.0152883
#2	.0001102	-.000073	.0034159	-.000280	-.000009	-.001040	.0118470
#3	.0000669	-.000037	.0152724	-.000966	-.000006	.002253	.0114108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	.0079214	.0000869	.0000409	-.316461	-.000426	-.001868
Stddev	.000314	.0258565	.0003080	.0000926	.359129	.001397	.001368
%RSD	254.4860	326.4126	354.2090	226.5582	113.4828	327.6052	73.19440

#1	-.000292	.0370361	.0001524	-.000066	-.581950	-.000839	-.002158
#2	-.000317	-.012364	.0003569	.000094	.092164	-.001570	-.003068
#3	.000239	-.000908	-.000249	.000095	-.459597	.001130	-.000379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222587	-.000509	.0121736	.0004003	-.002072	-.003199	.0010908
Stddev	.0070672	.001069	.0005884	.0002773	.001137	.000559	.0019525
%RSD	31.75051	210.0715	4.833185	69.26306	54.85368	17.47142	178.9987

#1	.0169224	-.001594	.0123469	.0006680	-.003373	-.003661	.0029840
#2	.0195799	-.000477	.0115180	.0001143	-.001271	-.002578	-.000916
#3	.0302737	.000544	.0126559	.0004186	-.001573	-.003359	.001204

Sample Name: CCB068 Acquired: 11/23/2020 15:28:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB068 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000317	.0010898	.0000153
Stddev	.000869	.0007800	.0000543
%RSD	274.0606	71.57269	354.5653

#1	-.001267	.0009727	.0000582
#2	-.000123	.0019217	-.000046
#3	.000439	.0003750	.000033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	833.5628	1491.003	25275.92	6895.416	1742.961
Stddev	5.0228	2.341	82.22	16.204	1.755
%RSD	.6025740	.1570388	.3252873	.2349933	.1007105

#1	837.1274	1493.602	25325.41	6904.849	1744.932
#2	835.7427	1490.348	25321.35	6904.693	1741.566
#3	827.8183	1489.059	25181.01	6876.706	1742.386

Sample Name: L4695-07 Acquired: 11/23/2020 16:24:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB0K7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0740277	.0078768	.8414360	.0001914	.0021989	74.54723	1.777759
Stddev	.0027306	.0026188	.0016075	.0017062	.0020510	.36228	.000722
%RSD	3.688655	33.24651	.1910447	891.1810	93.27261	.4859747	.0406262

#1	.0749358	.0050669	.8395863	-.001717	.0002354	74.18034	1.777013
#2	.0761885	.0102493	.8422263	.000723	.0020339	74.90472	1.777810
#3	.0709587	.0083143	.8424953	.001568	.0043275	74.55664	1.778454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060412	.0047065	47.75180	.1932370	.0978149	.1491824	145.2526
Stddev	.0001239	.0000878	.04704	.0003364	.0001624	.0006434	1.4683
%RSD	2.051104	1.866087	.0985036	.1740859	.1660056	.4312918	1.010889

#1	.0059461	.0048058	47.80249	.1932959	.0977307	.1486336	143.8943
#2	.0061814	.0046750	47.74333	.1928751	.0977119	.1498905	146.8106
#3	.0059961	.0046388	47.70957	.1935401	.0980020	.1490232	145.0529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18850	17.66493	.1172195	.0044814	-.086178	.2613022	.6802027
Stddev	.00657	.15888	.0012662	.0000747	.144027	.0011529	.0058711
%RSD	.0587303	.8994173	1.080163	1.666215	167.1260	.4412054	.8631462

#1	11.19137	17.53086	.1171593	.0045341	-.230082	.2601490	.6772837
#2	11.19314	17.84042	.1185147	.0045141	-.086424	.2613028	.6869612
#3	11.18098	17.62352	.1159845	.0043960	.057971	.2624547	.6763631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.921769	3.086434	.0267765	.0052033	2.298536	4.443539	.0103823
Stddev	.032573	.007345	.0029810	.0004570	.006207	.016754	.0011581
%RSD	.4111810	.2379697	11.13279	8.782573	.2700525	.3770502	11.15454

#1	7.944199	3.091194	.0242943	.0049611	2.300816	4.427436	.0094762
#2	7.936701	3.090133	.0300829	.0057305	2.291511	4.460876	.0116871
#3	7.884407	3.077975	.0259524	.0049185	2.303281	4.442304	.0099837

Sample Name: L4695-07 Acquired: 11/23/2020 16:24:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB0K7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.131232	.0467588	.1309850
Stddev	.013318	.0016300	.0006407
%RSD	.6248775	3.486057	.4891686

#1	2.119646	.0449743	.1304167
#2	2.145782	.0471327	.1316794
#3	2.128268	.0481694	.1308588

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	906.0763	1620.014	27862.80	7756.864	1715.227
Stddev	1.9355	4.113	28.60	27.451	3.074
%RSD	.2136155	.2539036	.1026493	.3538940	.1792378

#1	904.6372	1615.265	27835.76	7780.030	1713.721
#2	905.3149	1622.380	27892.74	7726.544	1713.196
#3	908.2767	1622.398	27859.88	7764.018	1718.764

Sample Name: L4695-08 Acquired: 11/23/2020 16:28:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB0K8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606524	.0169808	2.795794	.0040914	.0149366	45.59082
Stddev	.0021543	.0096626	.001246	.0138346	.0031055	.08468
%RSD	3.551841	56.90332	.0445734	338.1359	20.79091	.1857298

#1	.0626903	.0190942	2.797038	-.006907	.0130514	45.50069
#2	.0583981	.0064364	2.795798	-.000443	.0185209	45.60308
#3	.0608690	.0254118	2.794546	.019624	.0132376	45.66870

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.242416	.0067796	.0094520	F 1280.565	.0927839	.1324062
Stddev	.002039	.0002624	.0001256	11.247	.0004301	.0003875
%RSD	.1640765	3.870475	1.329231	.8782745	.4635511	.2926334

#1	1.244120	.0070044	.0095845	1268.171	.0924958	.1319981
#2	1.242970	.0068432	.0094368	1283.402	.0925776	.1324515
#3	1.240157	.0064912	.0093346	1290.122	.0932782	.1327690

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4519109	194.4961	21.97646	621.8849	.1393237	.0068929
Stddev	.0017932	1.0960	.06590	3.6957	.0008129	.0004157
%RSD	.3967924	.5635111	.2998566	.5942711	.5834508	6.031437

#1	.4508217	194.0306	21.90338	620.7020	.1402592	.0072058
#2	.4509305	193.7096	22.03136	618.9255	.1389232	.0070517
#3	.4539805	195.7480	21.99464	626.0272	.1387889	.0064211

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6497296	.1706841	1.047567	5.532457	3.810549	.0363712
Stddev	.1652984	.0000750	.002530	.072127	.011475	.0032986
%RSD	25.44111	.0439640	.2415457	1.303702	.3011340	9.069272

#1	.7373364	.1707697	1.049539	5.449575	3.799444	.0401171
#2	.4590679	.1706529	1.044714	5.580985	3.822361	.0339009
#3	.7527845	.1706297	1.048448	5.566810	3.809841	.0350954

Sample Name: L4695-08 Acquired: 11/23/2020 16:28:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB0K8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011208	7.174613	5.137147	.0105640	1.403259	.0537653
Stddev	.0008178	.029866	.027398	.0027005	.002022	.0002512
%RSD	72.96598	.4162709	.5333214	25.56384	.1440926	.4672765
#1	.0002017	7.209027	5.112677	.0109330	1.400972	.0537488
#2	.0017679	7.155465	5.166747	.0130610	1.404808	.0540244
#3	.0013927	7.159349	5.132017	.0076979	1.403998	.0535228

Elem	Sr4077
Units	ppm
Avg	.4539453
Stddev	.0005441
%RSD	.1198706
#1	.4534239
#2	.4539025
#3	.4545096

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	785.4436	1383.068	24862.31	7143.640	1365.534
Stddev	1.0307	.861	48.49	50.681	.804
%RSD	.1312303	.0622305	.1950360	.7094542	.0588874
#1	786.5712	1383.252	24915.94	7189.748	1365.891
#2	784.5499	1383.822	24849.43	7151.796	1366.098
#3	785.2097	1382.130	24821.57	7089.375	1364.613

Sample Name: L4695-18 Acquired: 11/23/2020 16:33:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB0L8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2133518	.0165668	4.198721	.0003922	.0070410	138.9138	1.315955
Stddev	.0045547	.0051496	.002290	.0054210	.0007632	.3546	.001633
%RSD	2.134854	31.08361	.0545319	1382.183	10.83894	.2552854	.1240856

#1	.2100900	.0200438	4.199112	-.001116	.0068759	138.6160	1.315888
#2	.2185557	.0190056	4.196262	-.004115	.0078732	138.8192	1.317620
#3	.2114098	.0106509	4.200791	.006408	.0063739	139.3061	1.314356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138218	.0035360	31.35202	.1837928	.1864318	.3669002	315.9408
Stddev	.0000841	.0000431	.11321	.0017099	.0009129	.0015307	1.5570
%RSD	.6087382	1.218359	.3610773	.9303255	.4896879	.4172055	.4928054

#1	.0137728	.0035021	31.22275	.1821916	.1860595	.3654565	315.0575
#2	.0139189	.0035845	31.43346	.1855938	.1857638	.3667387	315.0263
#3	.0137736	.0035215	31.39985	.1835930	.1874720	.3685052	317.7385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.914900	15.51515	.1794601	.0064388	-.100637	.5523816	4.097559
Stddev	.019156	.01919	.0010965	.0001145	.141413	.0056303	.023828
%RSD	.2420201	.1236540	.6109926	1.778490	140.5189	1.019284	.5815189

#1	7.897825	15.49437	.1785970	.0063236	.058875	.5553890	4.117355
#2	7.935614	15.51890	.1790894	.0065526	-.210638	.5458862	4.071112
#3	7.911259	15.53219	.1806939	.0064401	-.150146	.5558697	4.104209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.154824	2.466724	.0159315	.0055702	1.563930	5.539042	.0130193
Stddev	.085811	.008786	.0054205	.0007214	.008096	.012244	.0017172
%RSD	1.394200	.3561773	34.02420	12.95097	.5176897	.2210554	13.18981

#1	6.235894	2.463529	.0208616	.0047602	1.568791	5.525015	.0114113
#2	6.163628	2.476661	.0101268	.0061436	1.554584	5.544526	.0148281
#3	6.064951	2.459984	.0168060	.0058069	1.568416	5.547587	.0128185

Sample Name: L4695-18 Acquired: 11/23/2020 16:33:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB0L8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.231857	.0768378	.0935997
Stddev	.009472	.0007303	.0001536
%RSD	.4243978	.9504811	.1640773

#1	2.237684	.0775018	.0934739
#2	2.220927	.0760555	.0935543
#3	2.236959	.0769560	.0937709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	941.2389	1682.780	28796.68	8045.219	1690.613
Stddev	1.8300	3.072	31.44	46.312	2.717
%RSD	.1944295	.1825470	.1091941	.5756434	.1607136

#1	939.1279	1680.091	28761.55	8098.454	1687.873
#2	942.2101	1686.127	28806.28	8014.204	1693.306
#3	942.3786	1682.121	28822.20	8023.000	1690.660

Sample Name: L4695-19 Acquired: 11/23/2020 16:37:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGB0L9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2381520	.0201168	4.623647	-.002154	.0086161	149.1068	1.396087
Stddev	.0031819	.0042555	.005081	.004845	.0011585	.2641	.003148
%RSD	1.336071	21.15402	.1098885	224.9047	13.44531	.1771199	.2255120

#1	.2397201	.0152632	4.628710	.001014	.0077582	149.3873	1.397694
#2	.2344904	.0218794	4.618549	.000255	.0099339	149.0701	1.398108
#3	.2402454	.0232078	4.623684	-.007732	.0081562	148.8629	1.392460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148130	.0042885	34.76383	.2057419	.1791880	.3600795	356.4661
Stddev	.0001552	.0001174	.03100	.0004437	.0002292	.0015670	2.7537
%RSD	1.047608	2.738395	.0891606	.2156578	.1278982	.4351829	.7724858

#1	.0148793	.0044220	34.79773	.2055348	.1789274	.3614402	359.5164
#2	.0146356	.0042423	34.75681	.2062513	.1792791	.3604320	355.7185
#3	.0149240	.0042012	34.73694	.2054397	.1793577	.3583663	354.1635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.903843	16.75407	.1860854	.0074517	-.314098	.6239348	4.464547
Stddev	.025408	.13345	.0015521	.0000903	.094249	.0024308	.010388
%RSD	.2853553	.7965441	.8340607	1.211550	30.00616	.3895844	.2326821

#1	8.877439	16.90817	.1843528	.0075484	-.238496	.6260447	4.471946
#2	8.905970	16.67685	.1873485	.0073697	-.419693	.6212768	4.452671
#3	8.928120	16.67719	.1865550	.0074370	-.284104	.6244829	4.469024

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.302450	2.724230	.0103745	.0060334	2.148129	4.868981	.0171489
Stddev	.057821	.011624	.0078216	.0003292	.005570	.016994	.0000756
%RSD	.9174317	.4267029	75.39201	5.455450	.2593112	.3490296	.4410428

#1	6.368127	2.722429	.0190365	.0060774	2.147269	4.884626	.0171712
#2	6.259213	2.713612	.0082581	.0063384	2.143039	4.850901	.0172108
#3	6.280011	2.736650	.0038289	.0056845	2.154080	4.871417	.0170646

Sample Name: L4695-19 Acquired: 11/23/2020 16:37:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGB0L9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.260621	.0807513	.0995713
Stddev	.008571	.0008491	.0003465
%RSD	.3791412	1.051449	.3479788

#1	2.268837	.0799506	.0998820
#2	2.261291	.0806617	.0996341
#3	2.251735	.0816416	.0991976

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	947.4715	1689.488	29039.31	8071.262	1688.373
Stddev	2.1756	5.903	14.84	33.703	.384
%RSD	.2296212	.3494151	.0511111	.4175669	.0227233

#1	946.9291	1688.713	29038.28	8033.697	1688.350
#2	949.8669	1695.740	29025.00	8081.237	1688.769
#3	945.6183	1684.010	29054.64	8098.851	1688.002

Sample Name: L4852-03A Acquired: 11/23/2020 17:01:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4269669	.1328641	.2196411	.0063276	.0058365	62.46596	.8509217
Stddev	.0018886	.0061313	.0018858	.0036761	.0004391	.18391	.0015377
%RSD	.4423188	4.614745	.8585912	58.09638	7.523411	.2944131	.1807098

#1	.4255838	.1282279	.2212678	.0024019	.0061438	62.36263	.8506159
#2	.4261983	.1398160	.2175741	.0096889	.0060321	62.35695	.8495598
#3	.4291185	.1305483	.2200815	.0068919	.0053336	62.67829	.8525893

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094785	-.000618	37.89564	.1056902	.0734872	.2204775	403.4813
Stddev	.0001411	.000078	.07093	.0015823	.0003391	.0013247	3.1784
%RSD	1.488479	12.59007	.1871776	1.497120	.4615050	.6008432	.7877447

#1	.0095226	-.000621	37.87355	.1052106	.0737007	.2218723	401.5892
#2	.0095922	-.000539	37.83838	.1074569	.0736648	.2192362	401.7039
#3	.0093206	-.000695	37.97499	.1044033	.0730961	.2203241	407.1508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.238268	12.99285	.1620077	.0086902	5.394840	.2390279	.7756550
Stddev	.012040	.09698	.0006820	.0003640	.186900	.0020825	.0062965
%RSD	.3717936	.7464046	.4209459	4.188360	3.464420	.8712548	.8117672

#1	3.246827	12.93424	.1625465	.0087370	5.583625	.2378142	.7739582
#2	3.243476	12.93953	.1622356	.0083051	5.209884	.2414326	.7703808
#3	3.224501	13.10479	.1612410	.0090285	5.391013	.2378370	.7826261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.302682	4.579002	.0303323	.0069506	27.18904	8.329346	.0142678
Stddev	.041902	.015675	.0061326	.0006789	.10074	.022330	.0025954
%RSD	.5046795	.3423251	20.21813	9.767063	.3705138	.2680861	18.19054

#1	8.259780	4.561078	.0253061	.0073571	27.07572	8.326818	.0172302
#2	8.343506	4.590148	.0285256	.0061669	27.26846	8.308387	.0131789
#3	8.304759	4.585779	.0371654	.0073279	27.22293	8.352832	.0123942

Sample Name: L4852-03A Acquired: 11/23/2020 17:01:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD2A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5892579	.0940187	.1438222
Stddev	.0022147	.0014903	.0001986
%RSD	.3758458	1.585117	.1380888

#1	.5914998	.0953241	.1436715
#2	.5870715	.0923950	.1437480
#3	.5892024	.0943370	.1440473

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	894.8019	1601.406	27652.90	7736.194	1725.152
Stddev	2.6973	4.872	35.17	16.042	3.953
%RSD	.3014403	.3042124	.1271740	.2073636	.2291166

#1	892.1890	1603.361	27649.56	7731.789	1727.633
#2	894.6406	1604.997	27619.52	7753.979	1727.229
#3	897.5763	1595.861	27689.62	7722.815	1720.593

Sample Name: CCB069 Acquired: 11/23/2020 17:09:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013795	.0007294	.0046444	.0016655	.0005538	.0169240	-.000105
Stddev	.0023050	.0027927	.0017247	.0020942	.0029341	.0054232	.000394
%RSD	167.0895	382.8750	37.13579	125.7364	529.8325	32.04459	374.0424

#1	.0030903	.0031092	.0035692	.0008864	.0012641	.0223901	-.000560
#2	-.001242	.0014242	.0066338	.0000726	.0030676	.0115447	.000123
#3	.002290	-.002345	.0037303	.0040376	-.002670	.0168374	.000121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000402	-.000104	.0119681	-.000002	-.000213	.0001192	.0484492
Stddev	.0000766	.000011	.0141027	.000315	.000199	.0020169	.0176770
%RSD	190.6104	10.15813	117.8358	13634.00	93.27042	1692.583	36.48561

#1	.0001199	-.000099	.0275847	.000251	-.000133	.0020757	.0688517
#2	-.000033	-.000117	.0081574	-.000355	-.000067	.0002349	.0377188
#3	.000033	-.000098	.0001624	.000097	-.000439	-.001953	.0387771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002478	.0211084	.0000636	.0000192	-.338049	.0003670	-.001012
Stddev	.0002040	.0199042	.0007996	.0001785	.190764	.0014213	.001900
%RSD	82.33370	94.29561	1257.531	928.7878	56.43091	387.3075	187.7577

#1	.0001950	.0091957	-.000747	.0000051	-.124724	.0005646	-.000865
#2	.0004730	.0440866	.000086	-.000152	-.492254	.0016792	.000810
#3	.0000754	.0100428	.000852	.000204	-.397169	-.001143	-.002982

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.060324	-.002521	.0090595	.0008258	-.000375	-.000167	-.001027
Stddev	.048855	.000712	.0007901	.0006397	.001733	.002511	.001233
%RSD	80.98688	28.24808	8.721438	77.46693	461.7276	1504.808	120.0525

#1	-.004056	-.002488	.0096839	.0015400	-.002231	-.002141	-.000441
#2	-.084968	-.001827	.0093235	.0006322	.001200	.002659	-.000196
#3	-.091948	-.003250	.0081712	.0003052	-.000095	-.001019	-.002443

Sample Name: CCB069 Acquired: 11/23/2020 17:09:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000082	.0027731	.0001512
Stddev	.000794	.0007544	.0000938
%RSD	972.5147	27.20478	62.01565

#1	.000834	.0022791	.0002445
#2	-.000509	.0036415	.0001522
#3	-.000571	.0023987	.0000570

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	838.8969	1492.294	25446.34	6922.778	1749.787
Stddev	1.8857	1.908	21.62	13.625	.060
%RSD	.2247797	.1278593	.0849561	.1968161	.0034566

#1	838.1612	1491.412	25464.63	6910.133	1749.837
#2	841.0395	1494.483	25451.92	6920.992	1749.805
#3	837.4900	1490.987	25422.48	6937.207	1749.720

Sample Name: CCV069 Acquired: 11/23/2020 17:05:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CC069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.954449	5.012790	25.27041	4.980163	5.028946	405.0525	10.12982
Stddev	.025489	.009732	.03868	.003961	.006853	2.5167	.06172
%RSD	.5144585	.1941487	.1530527	.0795316	.1362754	.6213228	.6093339

#1	4.960371	5.002650	25.24772	4.975753	5.025141	404.0159	10.14807
#2	4.976455	5.022056	25.24844	4.981320	5.024840	407.9219	10.18036
#3	4.926520	5.013666	25.31506	4.983417	5.036858	403.2197	10.06103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5162112	2.577677	408.9897	15.63352	2.569628	15.26873	423.6530
Stddev	.0019363	.007147	.8094	.01759	.005378	.02668	2.0110
%RSD	.3750947	.2772662	.1978925	.1125183	.2092808	.1747288	.4746845

#1	.5181433	2.577153	409.5276	15.64693	2.567620	15.28238	424.3525
#2	.5162195	2.570807	408.0589	15.64002	2.565544	15.23799	425.2209
#3	.5142708	2.585072	409.3826	15.61360	2.575721	15.28583	421.3857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.20107	414.5214	2.553109	1.294162	406.6151	2.566867	15.08680
Stddev	.05124	1.4271	.006489	.001137	1.2824	.007603	.08898
%RSD	.3371029	.3442808	.2541512	.0878907	.3153816	.2962159	.5898083

#1	15.22146	415.2435	2.555016	1.293810	407.0336	2.563771	15.01360
#2	15.14277	415.4432	2.545881	1.295433	407.6360	2.575530	15.06096
#3	15.23897	412.8776	2.558431	1.293242	405.1757	2.561300	15.18585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.8909	5.115554	5.156663	4.998458	5.238279	5.091583	5.130523
Stddev	.3347	.024008	.014016	.005487	.018840	.020082	.012767
%RSD	.2119649	.4693147	.2718098	.1097682	.3596590	.3944222	.2488425

#1	158.1975	5.123933	5.171548	4.992124	5.256695	5.109301	5.116340
#2	157.9412	5.134250	5.143717	5.001492	5.239099	5.069768	5.134133
#3	157.5339	5.088479	5.154726	5.001757	5.219042	5.095681	5.141097

Sample Name: CCV069 Acquired: 11/23/2020 17:05:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1319) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CC069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.110008	5.172845	5.094270
Stddev	.011057	.005855	.056871
%RSD	.2163738	.1131787	1.116379

#1	5.110442	5.177793	5.107313
#2	5.120842	5.166381	5.143486
#3	5.098742	5.174360	5.032010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	703.9176	1272.172	23487.50	6646.868	1383.069
Stddev	.6926	3.924	111.65	37.244	3.915
%RSD	.0983988	.3084465	.4753733	.5603240	.2830416

#1	704.6295	1276.480	23452.94	6621.015	1384.762
#2	703.8773	1271.232	23397.22	6630.031	1385.852
#3	703.2460	1268.803	23612.35	6689.557	1378.593