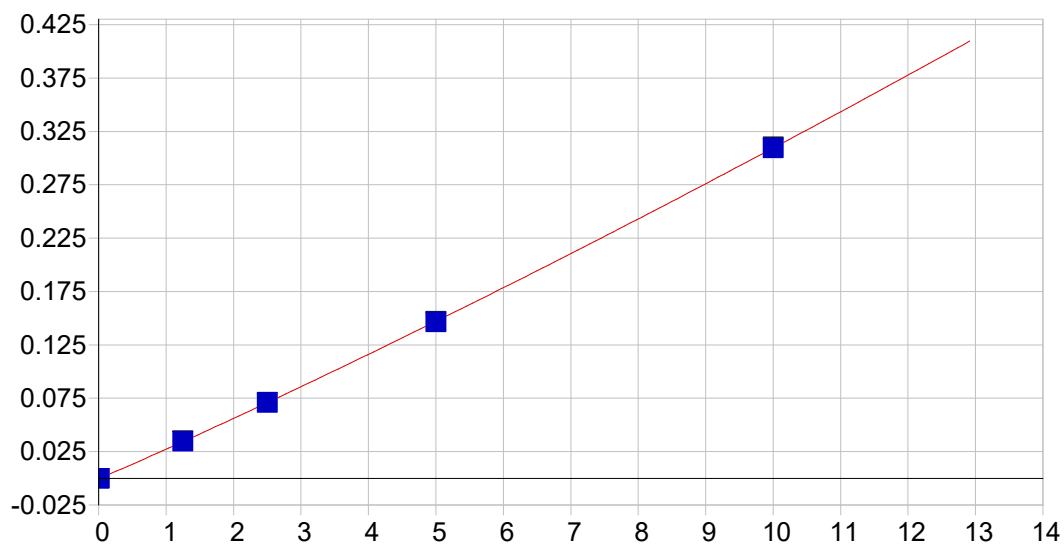




As 189.042 {479}

Date of Fit: 04/15/2020 12:09:32

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000147

Re-Slope: 1.000000

A1 (Gain): 0.027250

Y-int: 0.000000

A2 (Curvature): 0.000153

n (Exponent): 1.030000

Correlation: 0.999986

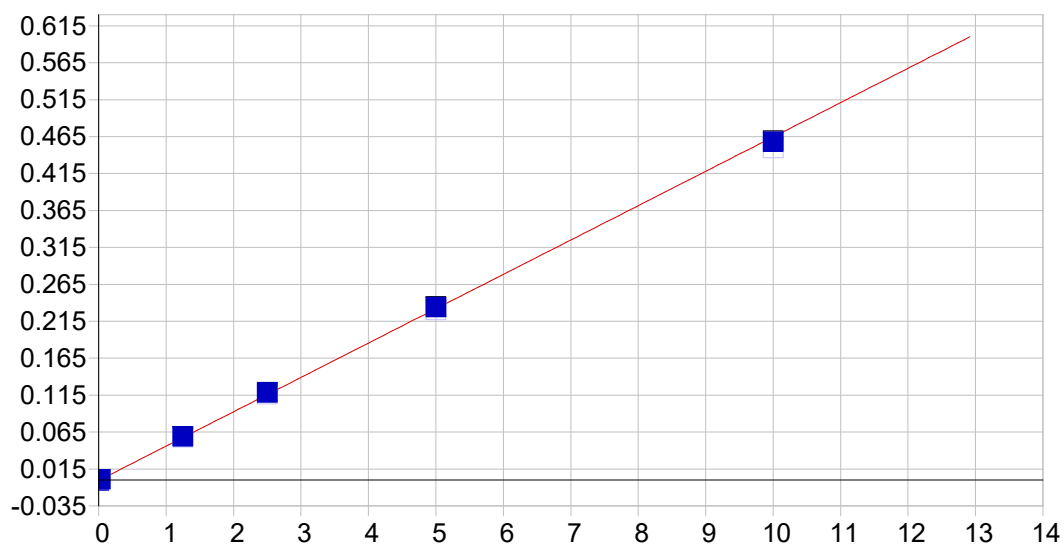
Status: Warning Positive Curvature

Std Error of Est: 0.000004

Predicted MDL: 0.007938

Predicted MQL: 0.026461

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00766	-.002	-23.4	.00003	.000	1
S2	1.2500	1.2610	.011	.879	.03462	.000	1
S3	2.5000	2.5036	.004	.142	.07083	.000	1
S4	5.0000	4.9813	-.019	-.374	.14616	.001	1
S5	10.000	10.007	.007	.066	.30903	.001	1

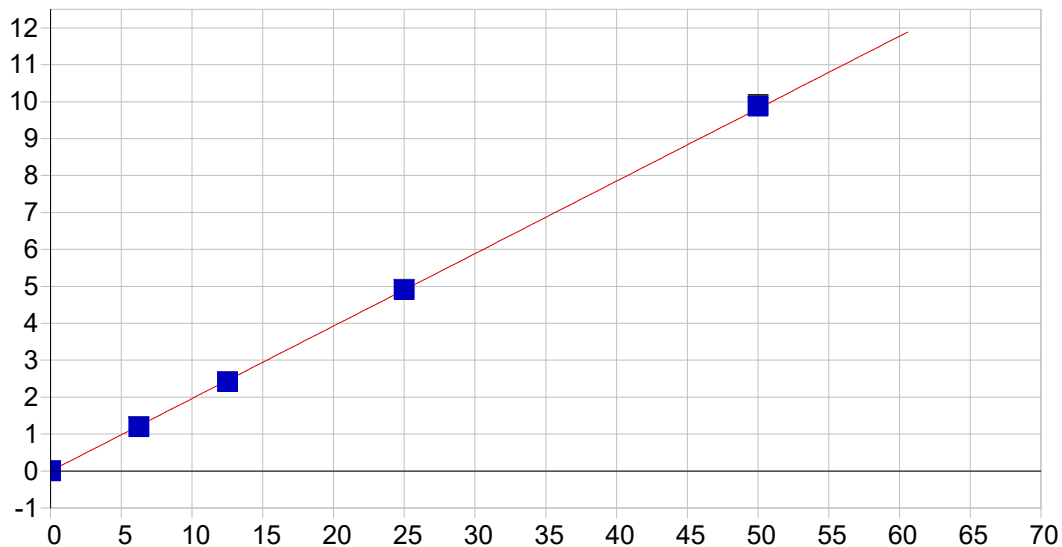


TI 190.856 {477}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000565 Re-Slope: 1.000000
 A1 (Gain): 0.046511 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003683
 Predicted MQL: 0.012278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00056	.000	1
S1	.02500	.03010	.005	20.4	.00079	.000	1
S2	1.2500	1.2765	.026	2.12	.05773	.000	1
S3	2.5000	2.5594	.059	2.38	.11633	.000	1
S4	5.0000	5.0484	.048	.969	.22995	.001	1
S5	10.000	9.8607	-.139	-1.39	.44949	.001	1

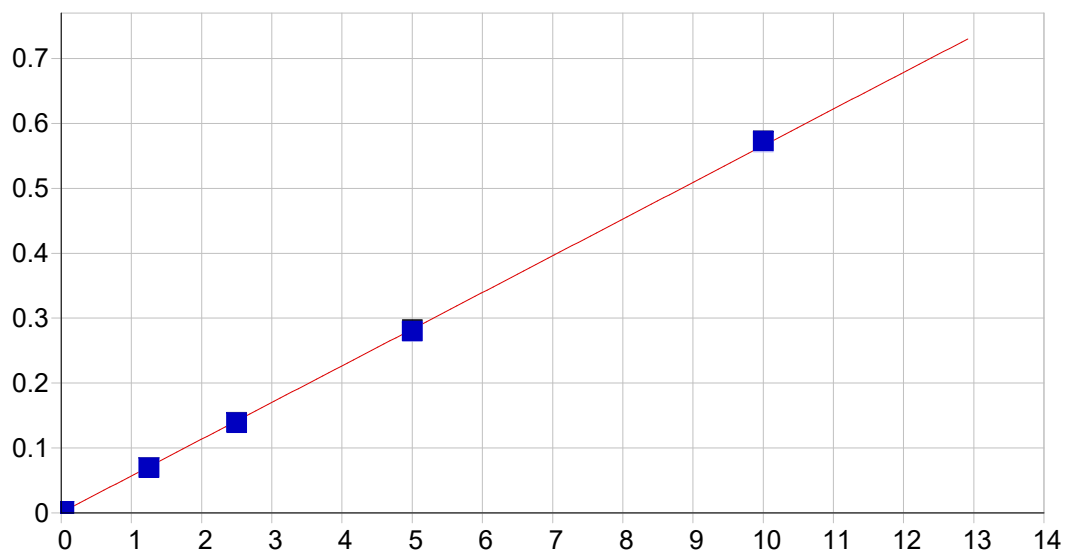


Pb 220.353 {453}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000262	Re-Slope:	1.000000
A1 (Gain):	0.196212	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.002205		
Predicted MQL:	0.007349		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.01000	.01034	.000	3.36	.00177	.000	1
S2	6.2500	6.0968	-.153	-2.45	1.1962	.003	1
S3	12.500	12.314	-.186	-1.48	2.4165	.003	1
S4	25.000	25.009	.009	.036	4.9078	.008	1
S5	50.000	50.330	.330	.659	9.8770	.037	1

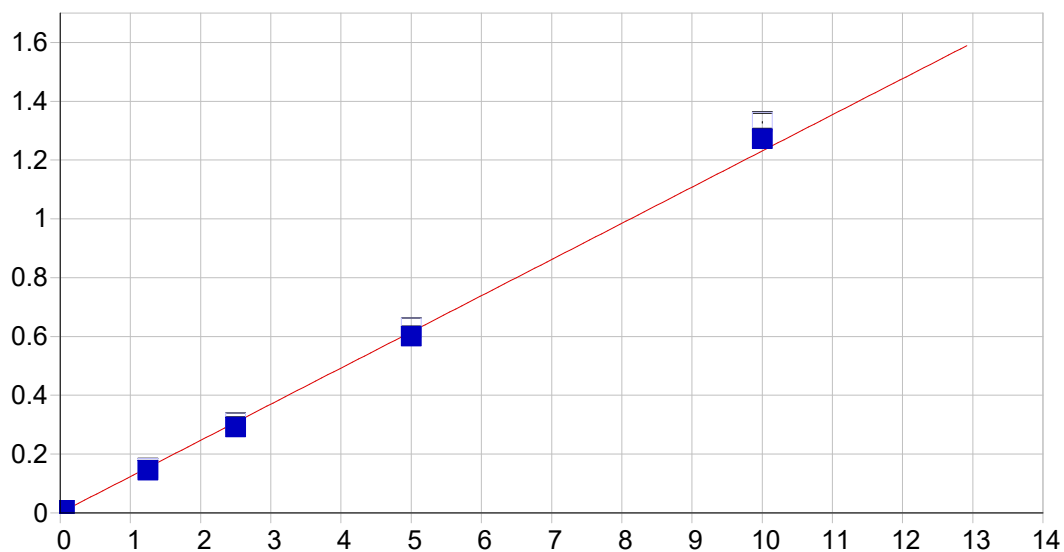


Se 196.090 {472}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000519	Re-Slope:	1.000000
A1 (Gain):	0.056506	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999884	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.004498		
Predicted MQL:	0.014995		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00052	.000	1
S1	.03500	.03997	.005	14.2	.00278	.000	1
S2	1.2500	1.2240	-.026	-2.08	.06950	.000	1
S3	2.5000	2.4495	-.051	-2.02	.13856	.000	1
S4	5.0000	4.9479	-.052	-1.04	.27936	.002	1
S5	10.000	10.124	.124	1.24	.57108	.000	1

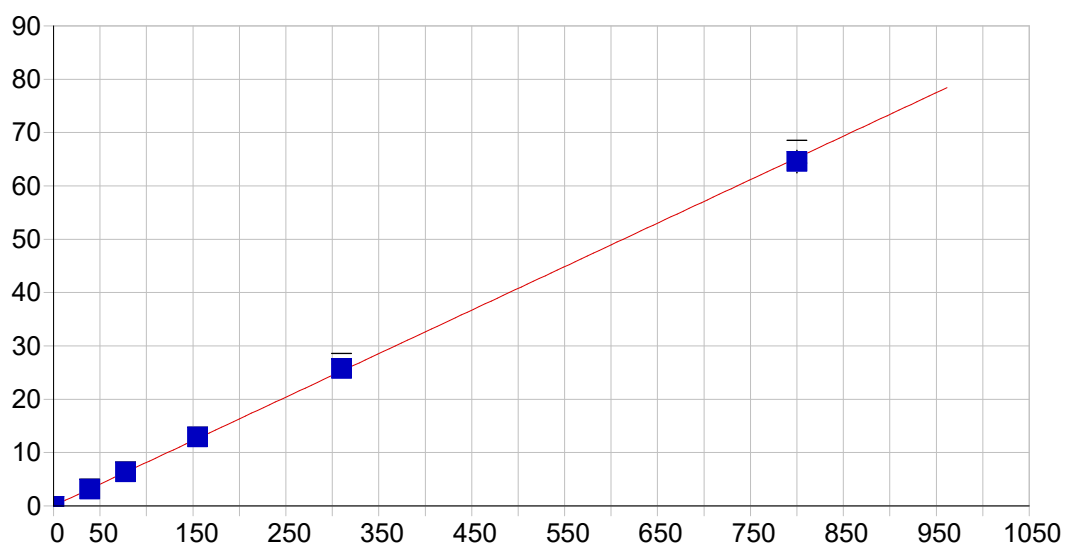


Sb 206.833 {463}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000578	Re-Slope:	1.000000
A1 (Gain):	0.123028	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999363	Status:	OK.
Std Error of Est:	0.000189		
Predicted MDL:	0.002348		
Predicted MQL:	0.007827		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00058	.000	1
S1	.06000	.06255	.003	4.24	.00828	.000	1
S2	1.2500	1.1700	-.080	-6.40	.15160	.001	1
S3	2.5000	2.3685	-.132	-5.26	.30613	.001	1
S4	5.0000	4.8767	-.123	-2.47	.62887	.001	1
S5	10.000	10.332	.332	3.32	1.3284	.003	1

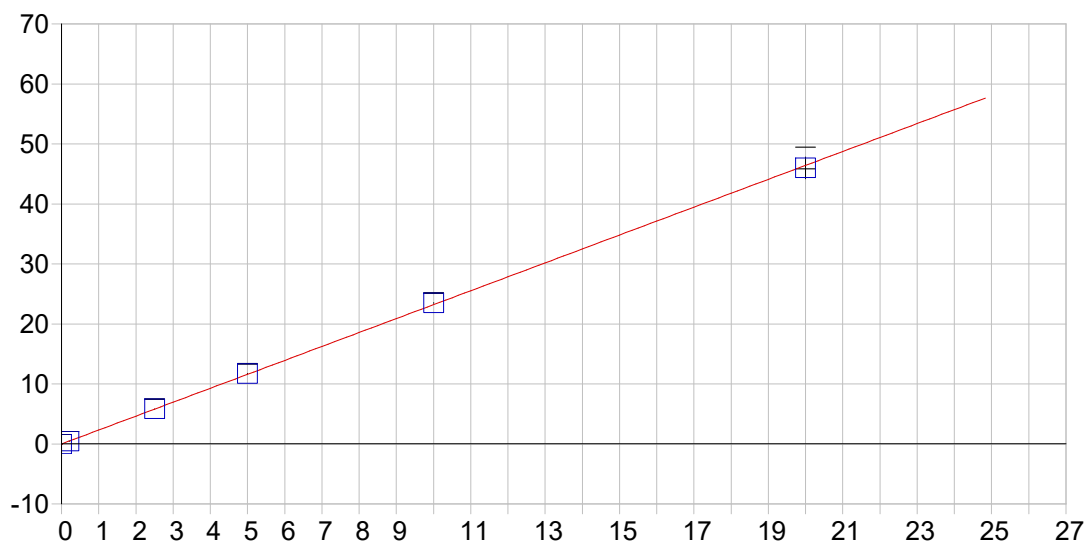


AI 396.152 { 85}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002463 Re-Slope: 1.000000
 A1 (Gain): 0.081561 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000695
 Predicted MDL: 0.008378
 Predicted MQL: 0.027927

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00246	.000	1
S1	.20000	.22760	.028	13.8	.02131	.001	1
S2	38.750	38.581	-.169	-.436	3.1555	.016	1
S3	77.500	77.917	.417	.538	6.3701	.025	1
S4	155.00	158.28	3.28	2.11	12.937	.048	1
S5	310.00	315.20	5.20	1.68	25.761	1.01	1
S6	800.00	791.23	-8.77	-1.10	64.577	2.12	1

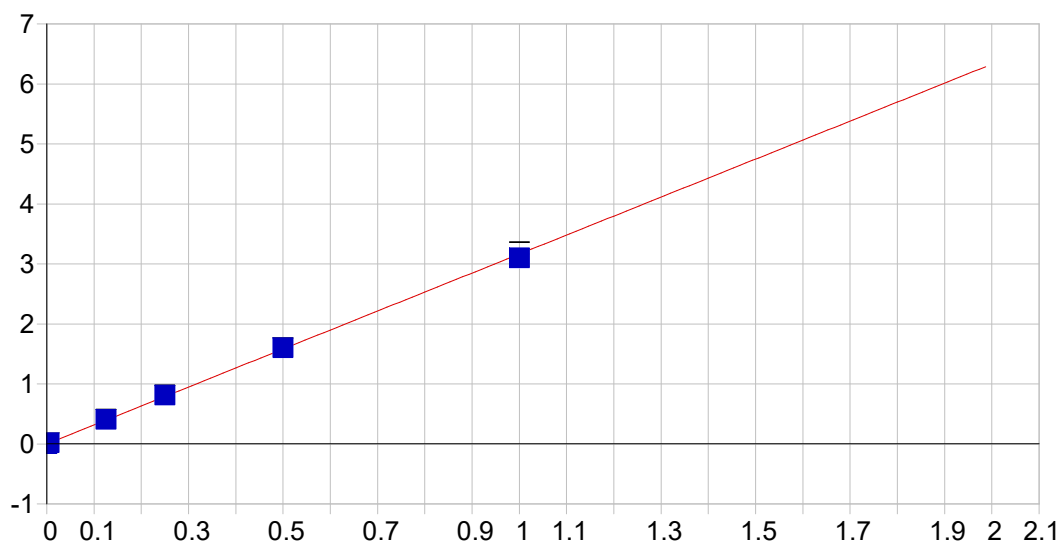


Ba 493.409 { 68}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010323 Re-Slope: 1.000000
 A1 (Gain): 2.321656 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.002465
 Predicted MDL: 0.000601
 Predicted MQL: 0.002003

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.01034	.001	1
S1	.20000	.20503	.005	2.51	.46568	.001	1
S2	2.5000	2.5115	.012	.461	5.8205	.013	1
S3	5.0000	5.0411	.041	.821	11.693	.047	1
S4	10.000	10.125	.125	1.25	23.497	.064	1
S5	20.000	19.817	-.183	-.915	45.998	1.83	1

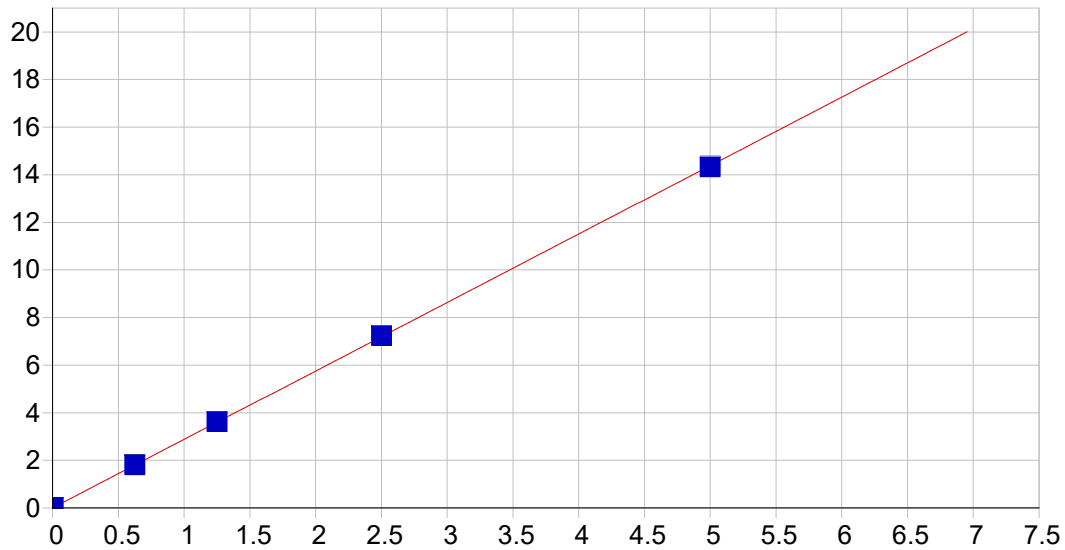


Be 234.861 {144}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001017 Re-Slope: 1.000000
 A1 (Gain): 3.165231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999760 Status: OK.
 Std Error of Est: 0.000259
 Predicted MDL: 0.000076
 Predicted MQL: 0.000255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00102	.000	1
S1	.00500	.00560	.001	12.1	.01671	.000	1
S2	.12500	.12962	.005	3.69	.40794	.002	1
S3	.25000	.25684	.007	2.74	.80931	.004	1
S4	.50000	.50707	.007	1.41	1.5987	.006	1
S5	1.0000	.98087	-.019	-1.91	3.0932	.098	1

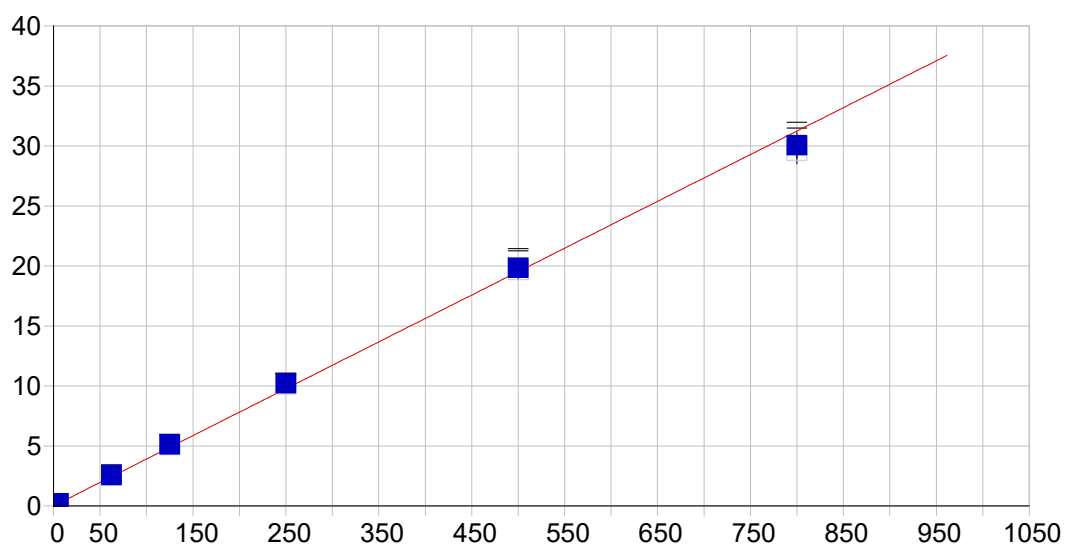


Cd 214.438 {457}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001008 Re-Slope: 1.000000
 A1 (Gain): 2.876565 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.000106
 Predicted MQL: 0.000354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00101	.000	1
S1	.00500	.00574	.001	14.8	.01753	.000	1
S2	.62500	.62669	.002	.270	1.8065	.002	1
S3	1.2500	1.2561	.006	.484	3.6197	.007	1
S4	2.5000	2.5131	.013	.523	7.2411	.009	1
S5	5.0000	4.9784	-.022	-.431	14.344	.017	1

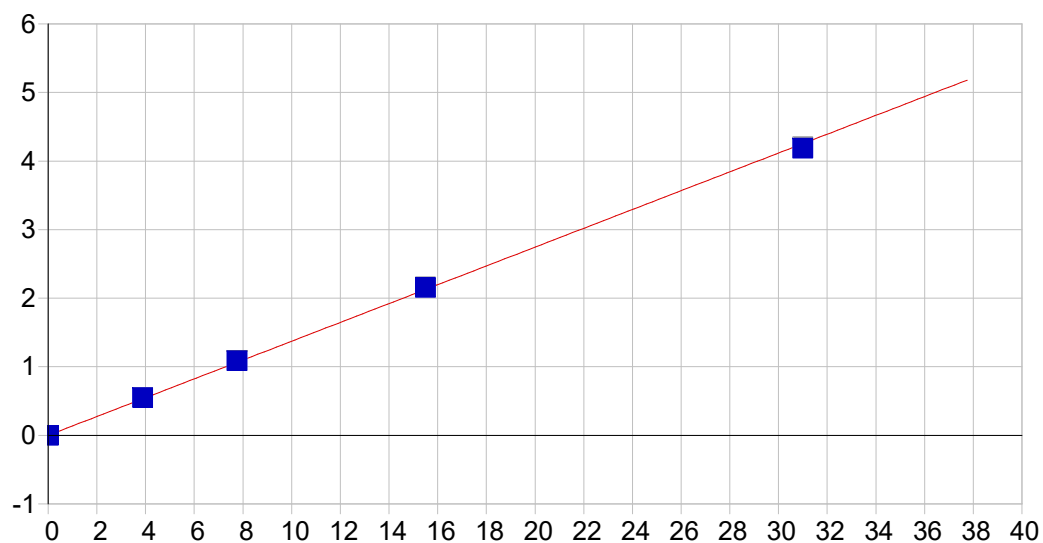


Ca 373.690 { 90}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002939 Re-Slope: 1.000000
A1 (Gain): 0.039040 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999285 Status: OK.
Std Error of Est: 0.005095
Predicted MDL: 0.015603
Predicted MQL: 0.052010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00150	-.002	.000	.00288	.000	1
S1	5.0000	5.8663	.866	17.3	.23190	.001	1
S2	62.500	65.803	3.30	5.28	2.5501	.003	1
S3	125.00	131.14	6.14	4.91	5.0789	.019	1
S4	250.00	261.71	11.7	4.68	10.133	.015	1
S5	500.00	507.94	7.94	1.59	19.659	.775	1
S6	800.00	769.86	-30.1	-3.77	29.593	1.08	1

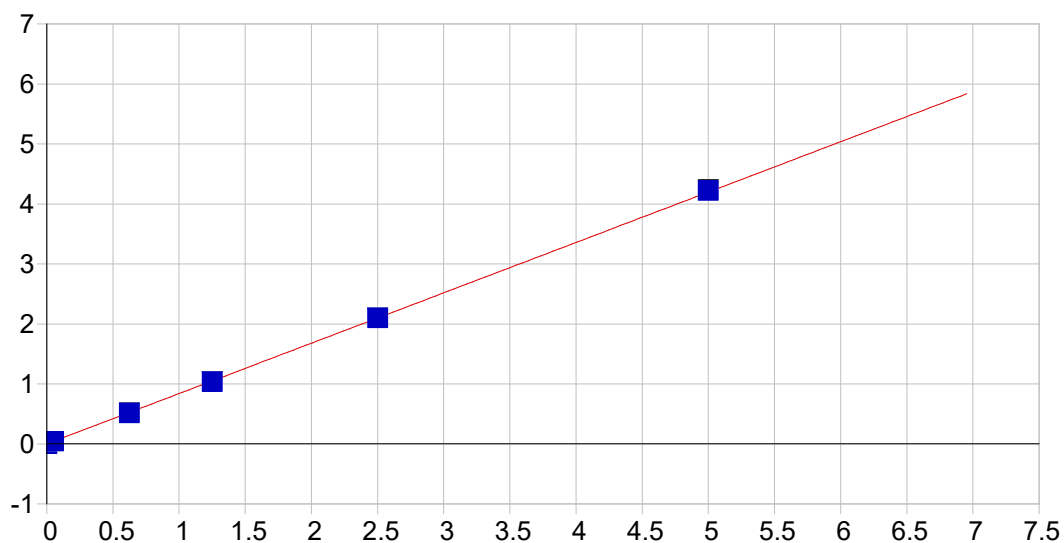


Cr 267.716 {126}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.137232 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.000571
 Predicted MQL: 0.001904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01204	.002	20.4	.00171	.000	1
S2	3.8750	3.9941	.119	3.07	.54883	.002	1
S3	7.7500	7.9094	.159	2.06	1.0868	.001	1
S4	15.500	15.711	.211	1.36	2.1588	.002	1
S5	31.000	30.508	-.492	-1.59	4.1921	.013	1

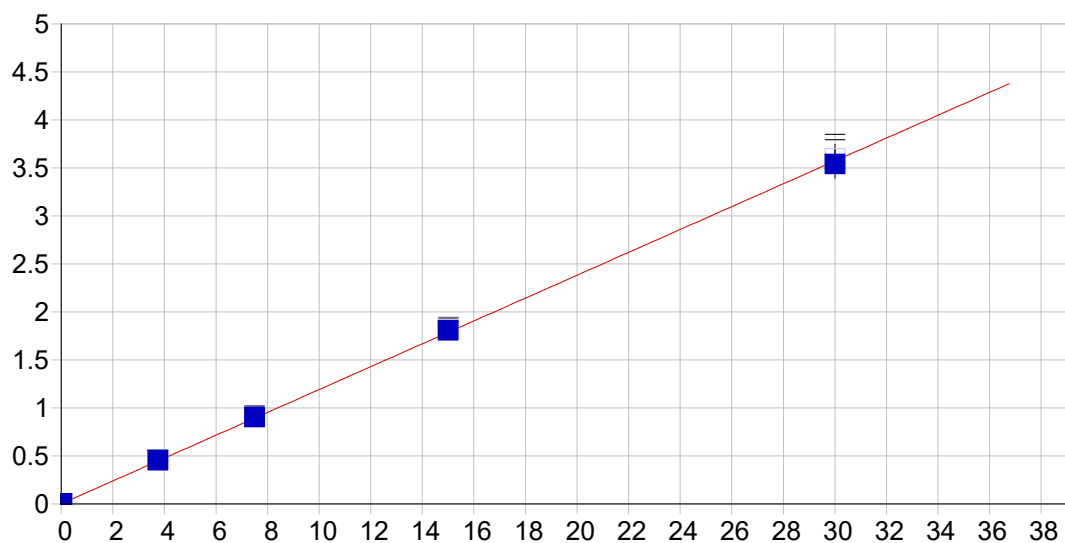


Co 228.616 {448}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000132	Re-Slope:	1.000000
A1 (Gain):	0.839371	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000226		
Predicted MDL:	0.000347		
Predicted MQL:	0.001158		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.000	1
S1	.05000	.05363	.004	7.27	.04504	.000	1
S2	.62500	.61032	-.015	-2.35	.51299	.001	1
S3	1.2500	1.2335	-.017	-1.32	1.0369	.001	1
S4	2.5000	2.5012	.001	.049	2.1027	.002	1
S5	5.0000	5.0263	.026	.526	4.2255	.013	1

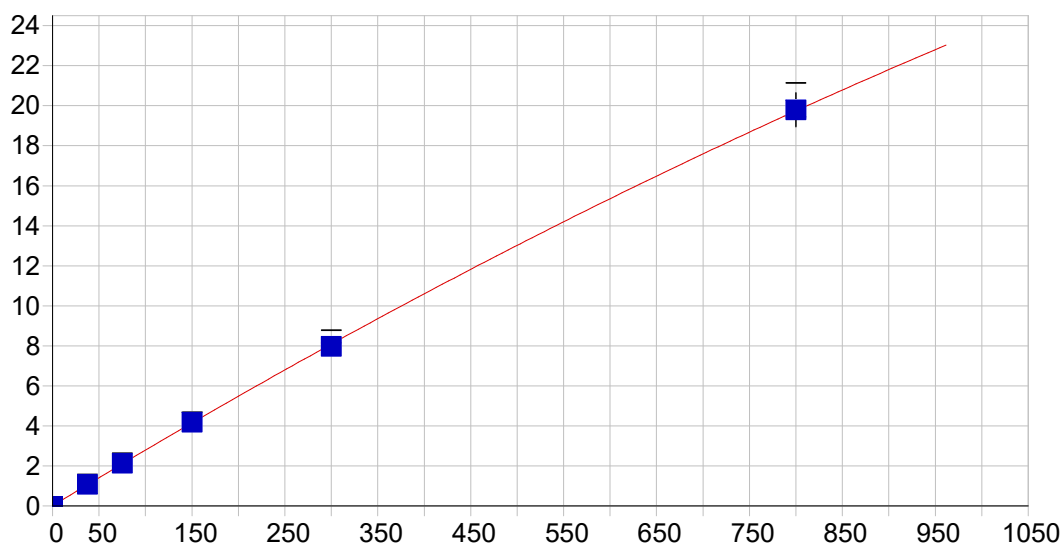


Cu 324.754 {104}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000902 Re-Slope: 1.000000
 A1 (Gain): 0.119060 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.002775
 Predicted MQL: 0.009250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00090	.000	1
S1	.02500	.02474	-.000	-1.03	.00444	.000	1
S2	3.7500	3.7921	.042	1.12	.45956	.003	1
S3	7.5000	7.5682	.068	.909	.91629	.003	1
S4	15.000	15.162	.162	1.08	1.8347	.005	1
S5	30.000	29.728	-.272	-.905	3.5977	.149	1

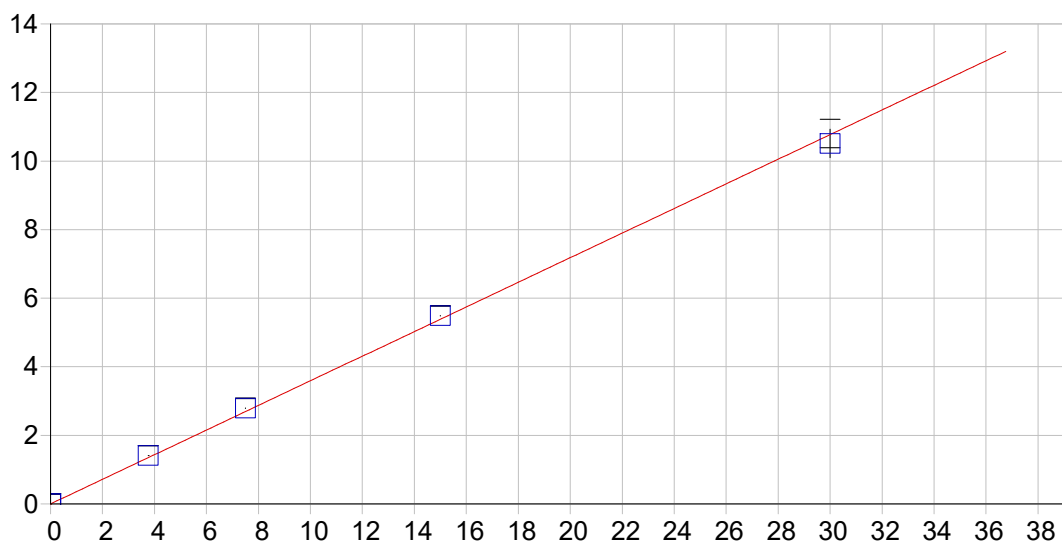


Fe 259.837 {130}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000354 Re-Slope: 1.000000
 A1 (Gain): 0.028317 Y-int: 0.000000
 A2 (Curvature): -0.000005
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000123
 Predicted MDL: 0.007115
 Predicted MQL: 0.023717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00035	.000	1
S1	.10000	.11070	.011	10.7	.00361	.000	1
S2	37.500	38.307	.807	2.15	1.0806	.001	1
S3	75.000	76.060	1.06	1.41	2.1323	.011	1
S4	150.00	151.31	1.31	.874	4.1897	.009	1
S5	300.00	295.19	-4.81	-1.60	7.9806	.312	1
S6	800.00	801.70	1.70	.213	19.808	.846	1

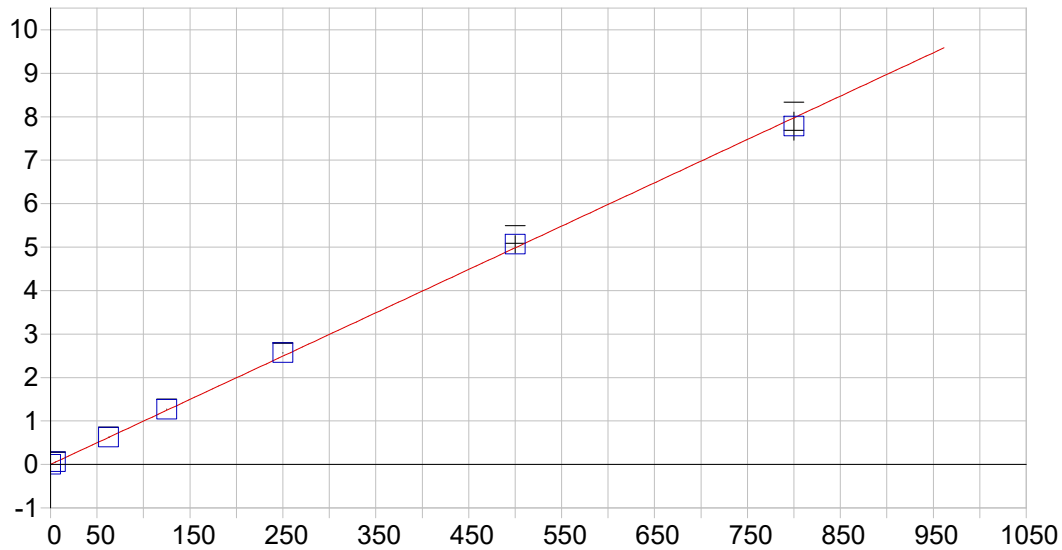


Mn 257.610 {131}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
A1 (Gain): 0.359042 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999634 Status: OK.
Std Error of Est: 0.000345
Predicted MDL: 0.000499
Predicted MQL: 0.001665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.01500	.01851	.004	23.4	.00676	.000	1
S2	3.7500	3.9255	.175	4.68	1.4095	.001	1
S3	7.5000	7.7620	.262	3.49	2.7870	.009	1
S4	15.000	15.285	.285	1.90	5.4880	.011	1
S5	30.000	29.274	-.726	-2.42	10.511	.416	1

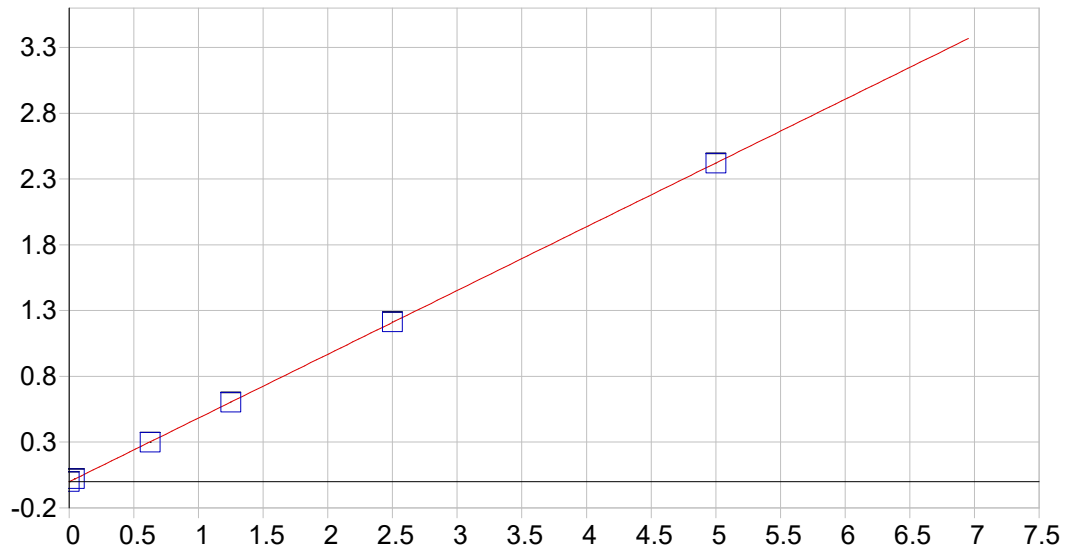


Mg 279.079 {121}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.009970 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000827
 Predicted MDL: 0.024371
 Predicted MQL: 0.081236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00097	-.001	.000	-.00007	.000	1
S1	5.0000	5.7091	.709	14.2	.05686	.001	1
S2	62.500	63.110	.610	.975	.62913	.001	1
S3	125.00	127.42	2.42	1.93	1.2703	.006	1
S4	250.00	257.54	7.54	3.02	2.5676	.006	1
S5	500.00	508.14	8.14	1.63	5.0660	.202	1
S6	800.00	780.58	-19.4	-2.43	7.7822	.325	1

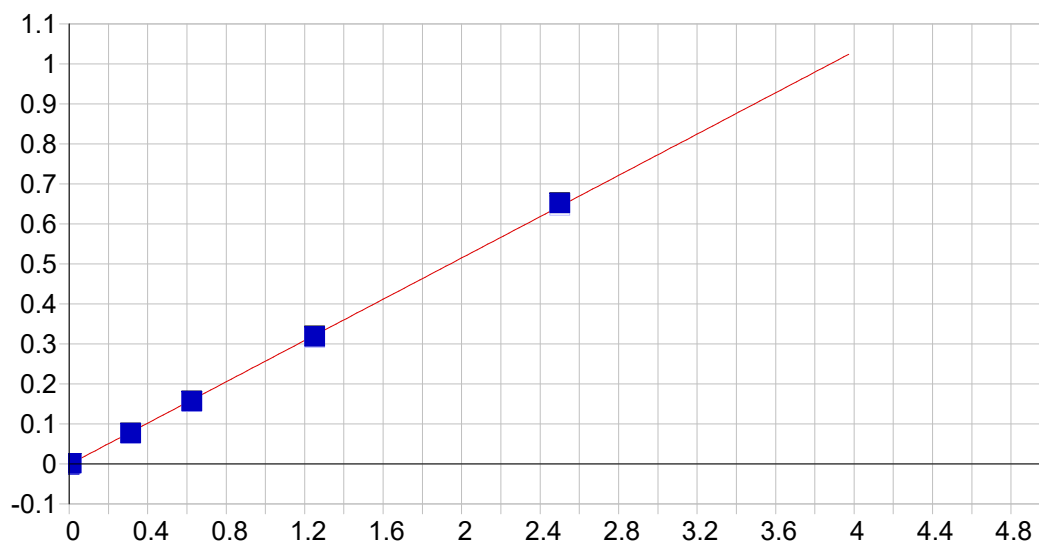


Ni 231.604 {446}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001350 Re-Slope: 1.000000
 A1 (Gain): 0.484679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.000609
 Predicted MQL: 0.002030

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00135	.000	1
S1	.04000	.04575	.006	14.4	.02083	.000	1
S2	.62500	.61995	-.005	-.807	.29913	.000	1
S3	1.2500	1.2465	-.003	-.278	.60281	.001	1
S4	2.5000	2.5075	.007	.298	1.2140	.001	1
S5	5.0000	4.9953	-.005	-.094	2.4198	.002	1

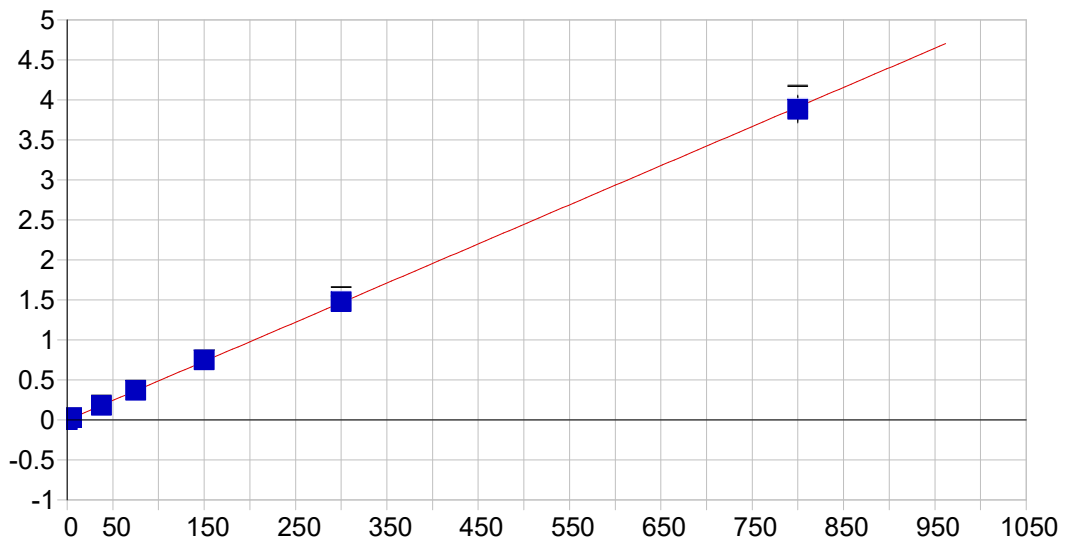


Ag 328.068 {103}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001233 Re-Slope: 1.000000
 A1 (Gain): 0.258057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.000510
 Predicted MQL: 0.001701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00123	.000	1
S1	.01000	.01152	.002	15.2	.00172	.000	1
S2	.31250	.30349	-.009	-2.88	.07628	.000	1
S3	.62500	.61288	-.012	-1.94	.15531	.000	1
S4	1.2500	1.2388	-.011	-.898	.31521	.001	1
S5	2.5000	2.5308	.031	1.23	.64541	.001	1

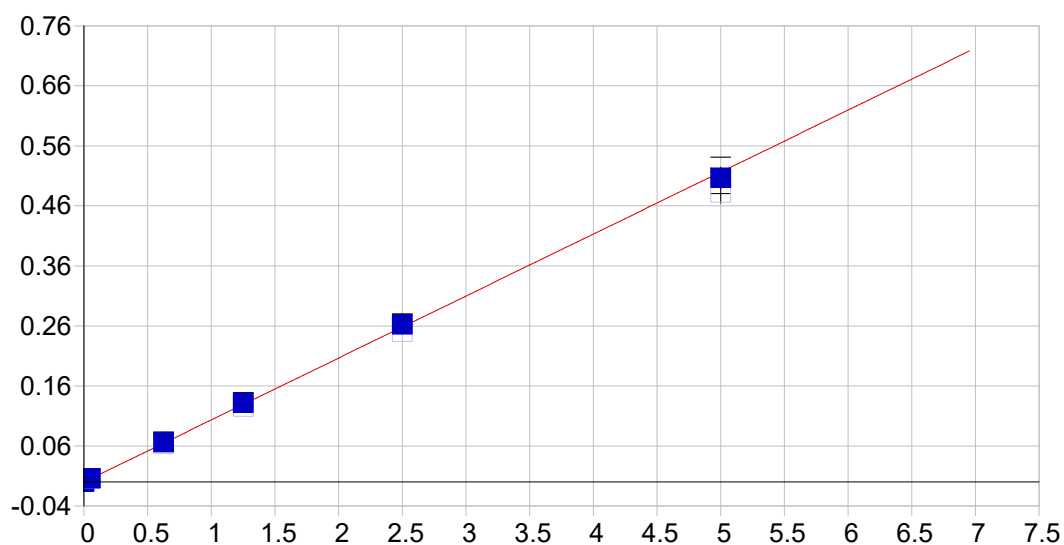


Na 818.326 { 41}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001793 Re-Slope: 1.000000
 A1 (Gain): 0.004892 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000210
 Predicted MDL: 0.279187
 Predicted MQL: 0.930623

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00092	-.001	.000	-.00180	.000	1
S1	5.0000	5.7713	.771	15.4	.02644	.000	1
S2	37.500	37.531	.031	.083	.18262	.002	1
S3	75.000	75.686	.686	.915	.37009	.001	1
S4	150.00	153.08	3.08	2.05	.75030	.004	1
S5	300.00	302.23	2.23	.744	1.4832	.056	1
S6	800.00	793.21	-6.79	-.849	3.8959	.165	1

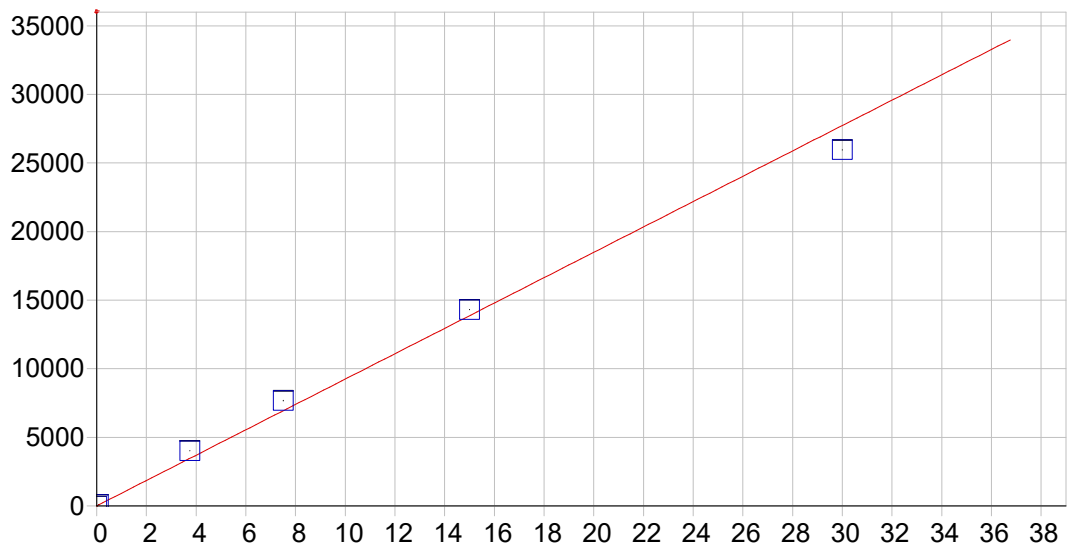


V 292.402 {115}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000106	Re-Slope:	1.000000
A1 (Gain):	0.103304	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999696	Status:	OK.
Std Error of Est:	0.000064		
Predicted MDL:	0.002730		
Predicted MQL:	0.009098		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00011	.000	1
S1	.05000	.05930	.009	18.6	.00601	.000	1
S2	.62500	.64329	.018	2.93	.06325	.000	1
S3	1.2500	1.2759	.026	2.07	.12551	.000	1
S4	2.5000	2.5398	.040	1.59	.24989	.001	1
S5	5.0000	4.9062	-.094	-1.88	.48197	.018	1

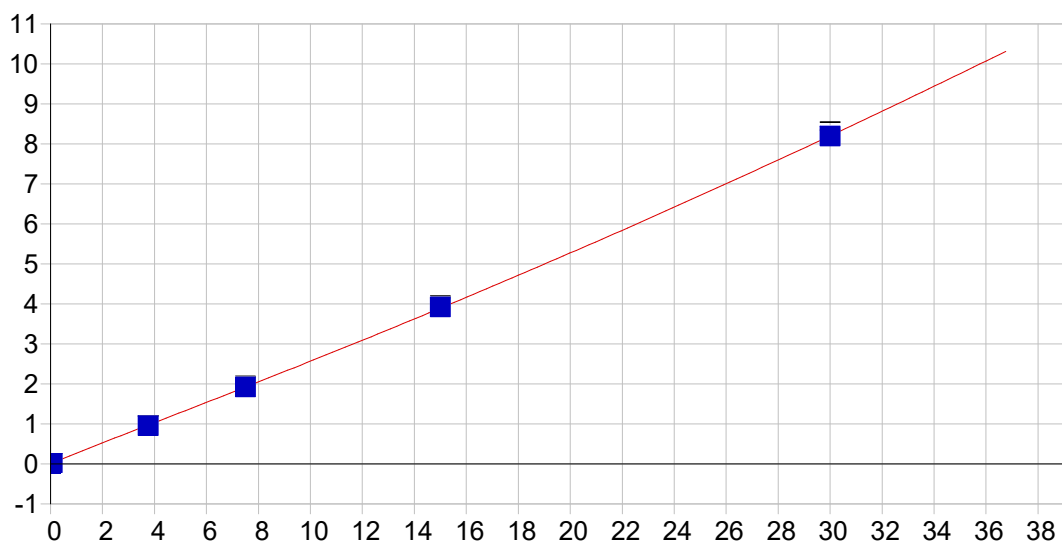


Zn 206.200 {464}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.726278 Re-Slope: 1.000000
 A1 (Gain): 924.371885 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996917 Status: OK.
 Std Error of Est: 5.176855
 Predicted MDL: 0.000537
 Predicted MQL: 0.001789

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	2.6752	.465	1
S1	.06000	.10116	.041	68.6	96.239	.471	1
S2	3.7500	4.3503	.600	16.0	4024.0	6.98	1
S3	7.5000	8.3023	.802	10.7	7677.1	17.9	1
S4	15.000	15.480	.480	3.20	14312.	14.8	1
S5	30.000	28.077	-1.92	-6.41	25956.	9.45	1

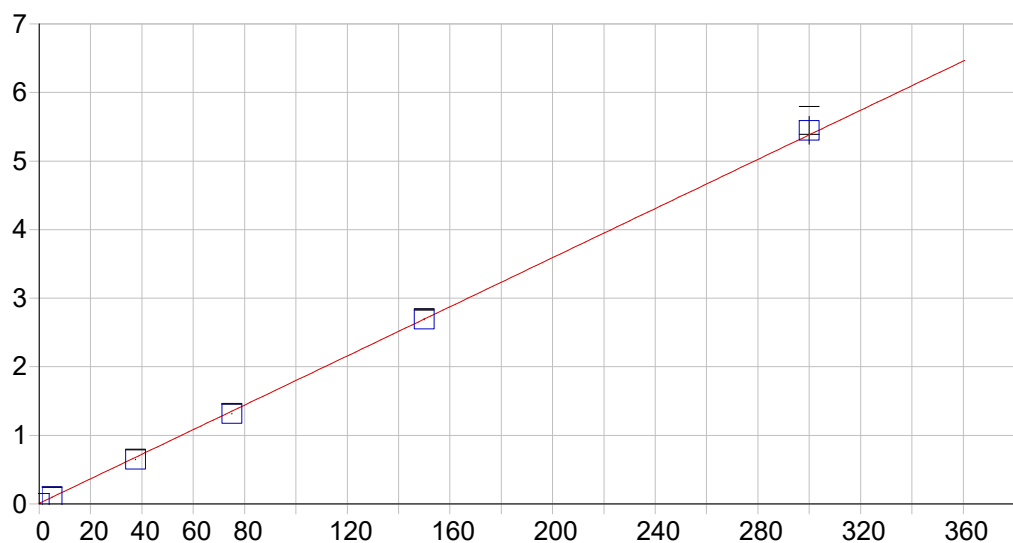


Zn 213.856 {158}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000162 Re-Slope: 1.000000
 A1 (Gain): 0.268341 Y-int: 0.000000
 A2 (Curvature): 0.002204
 n (Exponent): 0.950000
 Correlation: 0.999975 Status: Warning Positive Curvature
 Std Error of Est: 0.000188
 Predicted MDL: 0.003091
 Predicted MQL: 0.010304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.06000	.06640	.006	10.7	.02063	.001	1
S2	3.7500	3.6787	-.071	-1.90	.95290	.011	1
S3	7.5000	7.5068	.007	.091	1.9262	.018	1
S4	15.000	15.098	.098	.654	3.9269	.025	1
S5	30.000	29.961	-.039	-.131	8.2042	.100	1

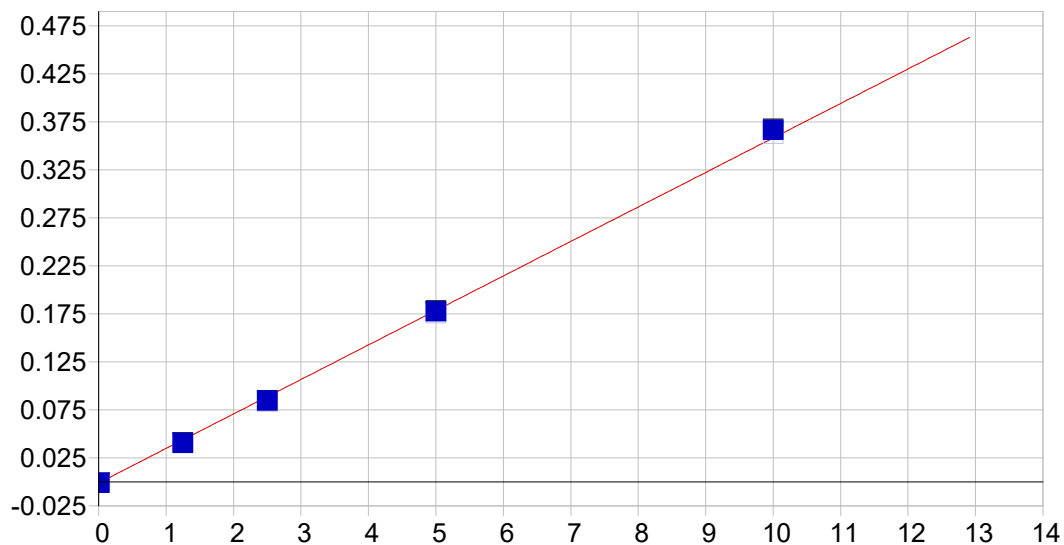


K 769.896 { 44 }

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007865 Re-Slope: 1.000000
 A1 (Gain): 0.017915 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000655
 Predicted MDL: 0.069760
 Predicted MQL: 0.232534

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	.00787	.001	1
S1	5.0000	5.1744	.174	3.49	.10057	.000	1
S2	37.500	35.782	-1.72	-4.58	.64892	.005	1
S3	75.000	73.081	-1.92	-2.56	1.3172	.004	1
S4	150.00	149.82	-.180	-.120	2.6920	.009	1
S5	300.00	303.64	3.64	1.21	5.4478	.202	1

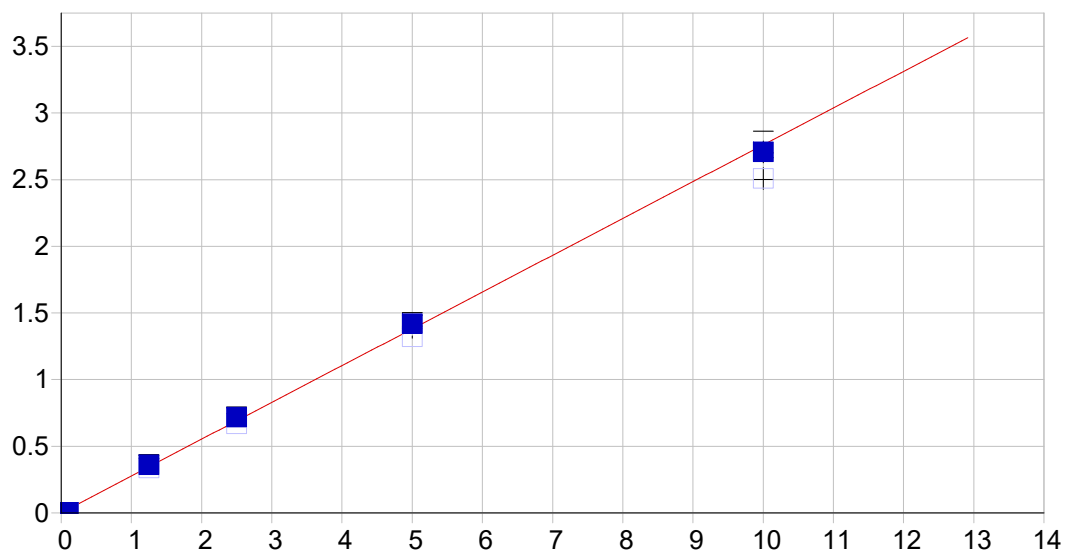


P 177.495 {490}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001085 Re-Slope: 1.000000
 A1 (Gain): 0.035937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999485 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003938
 Predicted MQL: 0.013128

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00108	.000	1
S1	.01000	.00556	-.004	-44.4	-.00089	.000	1
S2	1.2500	1.1622	-.088	-7.02	.04018	.000	1
S3	2.5000	2.3842	-.116	-4.63	.08359	.000	1
S4	5.0000	4.9775	-.022	-.450	.17578	.001	1
S5	10.000	10.231	.231	2.31	.36255	.001	1

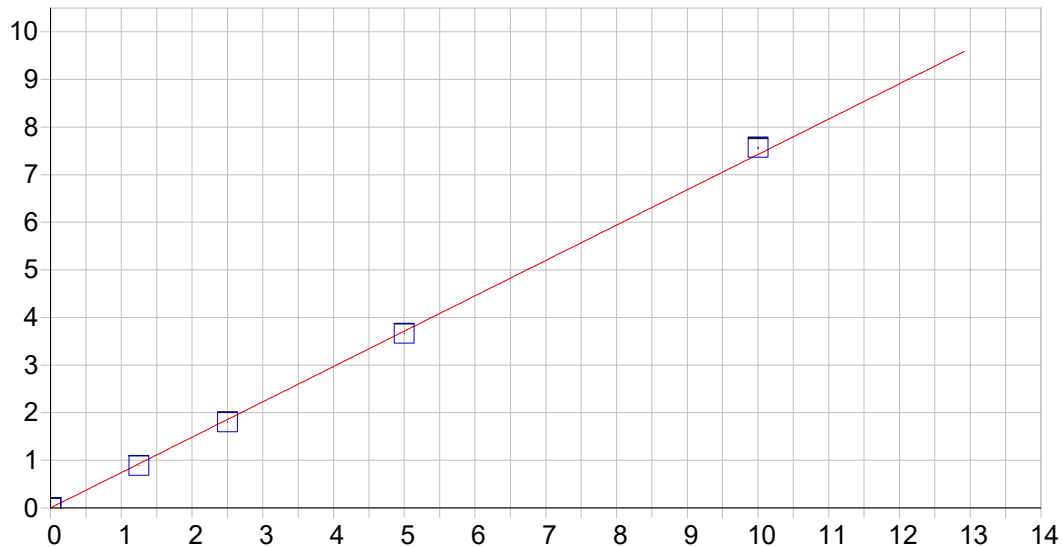


B 249.678 {135}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001104 Re-Slope: 1.000000
 A1 (Gain): 0.275984 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997217 Status: OK.
 Std Error of Est: 0.001017
 Predicted MDL: 0.001053
 Predicted MQL: 0.003509

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00113	.000	1
S1	.10000	.01204	-.088	-88.0	.00437	.000	1
S2	1.2500	1.3012	.051	4.10	.33518	.001	1
S3	2.5000	2.5948	.095	3.79	.66714	.003	1
S4	5.0000	5.1396	.140	2.79	1.3194	.009	1
S5	10.000	9.8091	-.191	-1.91	2.5080	.082	1

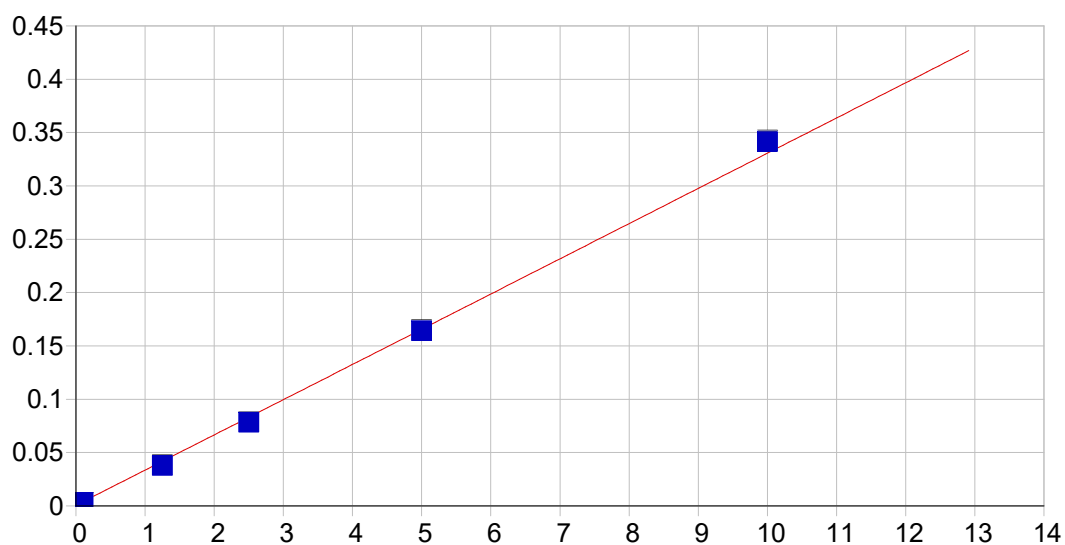


Mo 202.030 {467}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000427 Re-Slope: 1.000000
 A1 (Gain): 0.742436 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000270
 Predicted MDL: 0.000387
 Predicted MQL: 0.001289

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.01000	.01018	.000	1.80	.00798	.000	1
S2	1.2500	1.1977	-.052	-4.18	.88964	.003	1
S3	2.5000	2.4276	-.072	-2.90	1.8027	.008	1
S4	5.0000	4.9331	-.067	-1.34	3.6630	.006	1
S5	10.000	10.191	.191	1.91	7.5669	.015	1

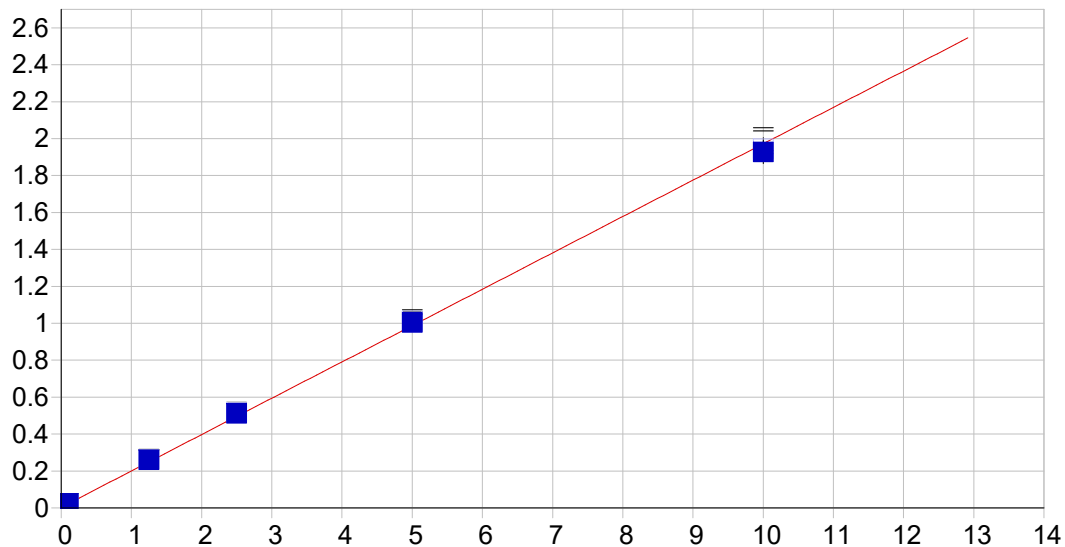


S 182.034 {485}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000611 Re-Slope: 1.000000
 A1 (Gain): 0.033005 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999105 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.005198
 Predicted MQL: 0.017327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00061	.000	1
S1	.10000	.08565	-.014	-14.4	.00344	.000	1
S2	1.2500	1.1256	-.124	-9.95	.03785	.000	1
S3	2.5000	2.3567	-.143	-5.73	.07857	.000	1
S4	5.0000	4.9527	-.047	-.946	.16442	.001	1
S5	10.000	10.329	.329	3.29	.34222	.001	1

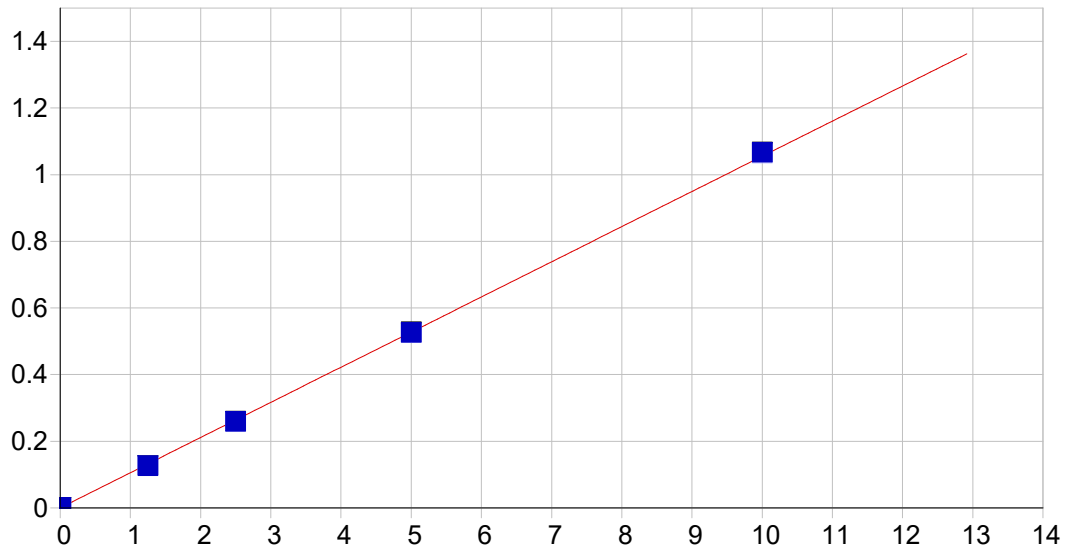


Si 251.611 {134}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003131 Re-Slope: 1.000000
 A1 (Gain): 0.196853 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999650 Status: OK.
 Std Error of Est: 0.000279
 Predicted MDL: 0.001332
 Predicted MQL: 0.004441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00313	.000	1
S1	.10000	.11331	.013	13.3	.02551	.000	1
S2	1.2500	1.3051	.055	4.41	.26223	.001	1
S3	2.5000	2.5830	.083	3.32	.51596	.002	1
S4	5.0000	5.0781	.078	1.56	1.0115	.008	1
S5	10.000	9.7705	-.229	-2.29	1.9439	.062	1

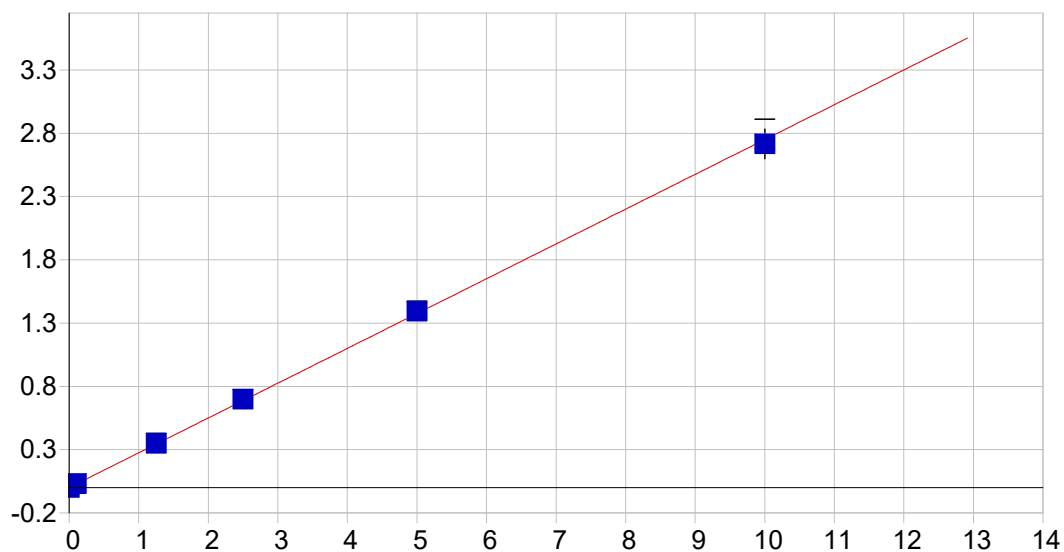


Sn 189.989 {478}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000140	Re-Slope:	1.000000
A1 (Gain):	0.105498	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.001566		
Predicted MQL:	0.005221		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.00700	.00796	.001	13.7	.00096	.000	1
S2	1.2500	1.1978	-.052	-4.18	.12623	.000	1
S3	2.5000	2.4528	-.047	-1.89	.25836	.001	1
S4	5.0000	4.9907	-.009	-.187	.52555	.001	1
S5	10.000	10.108	.108	1.08	1.0643	.001	1

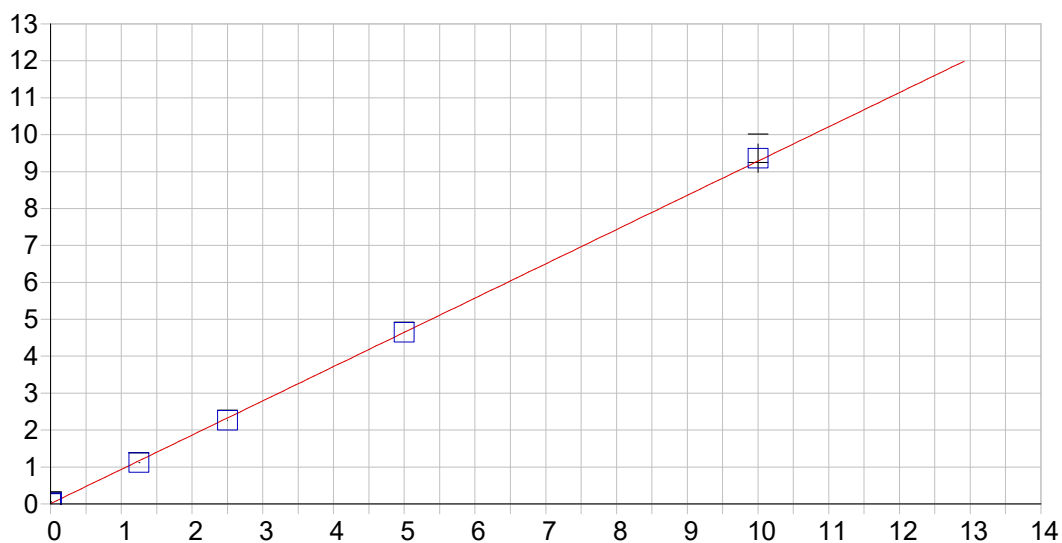


Ti 336.121 {100}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000162 Re-Slope: 1.000000
 A1 (Gain): 0.275045 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000212
 Predicted MDL: 0.001340
 Predicted MQL: 0.004465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00016	.000	1
S1	.10000	.10928	.009	9.28	.03021	.000	1
S2	1.2500	1.2685	.018	1.48	.34893	.003	1
S3	2.5000	2.5325	.032	1.30	.69647	.002	1
S4	5.0000	5.0647	.065	1.29	1.3927	.004	1
S5	10.000	9.8750	-.125	-1.25	2.7153	.117	1



Li 670.784 { 50}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007744 Re-Slope: 1.000000
 A1 (Gain): 0.927725 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997566 Status: OK.
 Std Error of Est: 0.001332
 Predicted MDL: 0.001470
 Predicted MQL: 0.004899

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00771	.001	1
S5	10.000	10.085	.085	.849	9.3637	.385	1
S4	5.0000	5.0021	.002	.043	4.6483	.006	1
S3	2.5000	2.4336	-.066	-2.66	2.2654	.007	1
S2	1.2500	1.1934	-.057	-4.53	1.1149	.001	1
S1	.01500	.05103	.036	240.	.05509	.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
-----------	--------------	-------------	------------	---------	-------	---------	----------



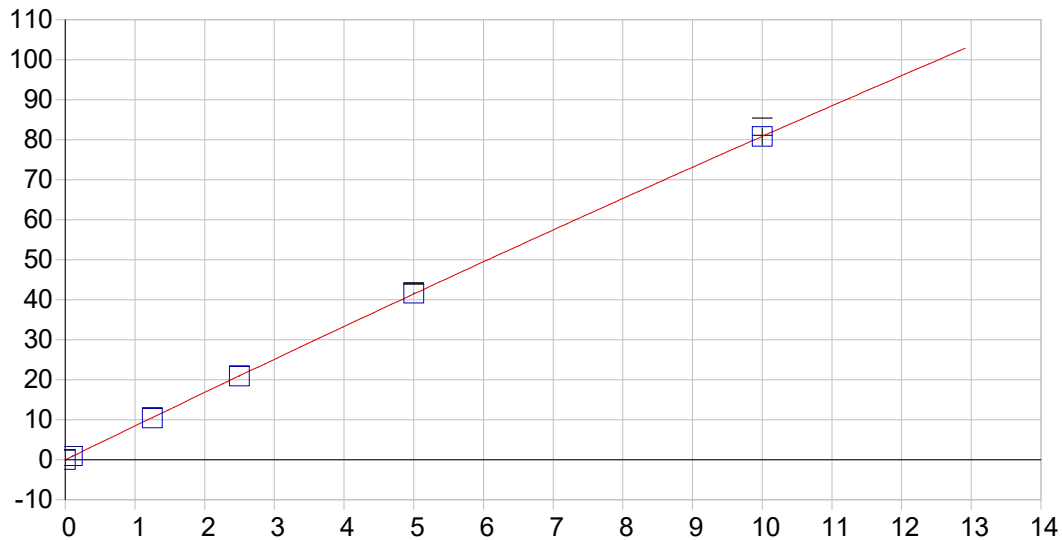
In 230.606 {446}*

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

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

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 04/15/2020 12:09:32 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000369 Re-Slope: 1.000000
 A1 (Gain): 8.492642 Y-int: 0.000000
 A2 (Curvature): -0.040849
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.004496
 Predicted MDL: 0.000074
 Predicted MQL: 0.000248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00029	.001	1
S1	.10000	.11063	.011	10.6	.93940	.003	1
S2	1.2500	1.2352	-.015	-1.18	10.428	.031	1
S3	2.5000	2.4906	-.009	-.376	20.899	.035	1
S4	5.0000	5.0193	.019	.385	41.598	.129	1
S5	10.000	9.9943	-.006	-.057	80.798	2.14	1

Sample Name: S0 Acquired: 04/14/2020 15:24:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	-.00015	-.00056	-.00026	.00052	.00058	.00246	-.01034	-.00102
Stddev	.00027	.00010	.00011	.00009	.00013	.00050	.00112	.00015
%RSD	184.53	17.104	41.622	16.404	22.993	20.307	10.839	14.976

#1	-.00038	-.00046	-.00014	.00052	.00055	.00288	-.01135	-.00099
#2	-.00022	-.00060	-.00032	.00060	.00072	.00191	-.00914	-.00118
#3	.00015	-.00064	-.00033	.00043	.00046	.00259	-.01054	-.00088

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	.00101	.00288	.00005	-.00013	.00090	.00035	.00011	-.00007
Stddev	.00036	.00023	.00006	.00042	.00025	.00015	.00004	.00002
%RSD	35.517	8.1039	116.32	316.13	28.138	41.393	34.338	26.095

#1	.00060	.00302	.00000	.00009	.00089	.00024	.00014	-.00009
#2	.00126	.00301	.00004	.00013	.00065	.00052	.00012	-.00006
#3	.00116	.00261	.00011	-.00062	.00116	.00030	.00007	-.00007

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	-.00135	-.00123	-.00180	-.00011	.00016	.00787	-.00108	.00113
Stddev	.00026	.00011	.00048	.00026	.00035	.00086	.00003	.00006
%RSD	19.370	8.5660	26.465	238.40	220.24	10.987	2.4361	5.4834

#1	-.00109	-.00130	-.00133	-.00001	.00056	.00763	-.00110	.00110
#2	-.00161	-.00129	-.00179	-.00040	.00005	.00715	-.00105	.00108
#3	-.00136	-.00111	-.00228	.00009	-.00012	.00883	-.00110	.00120

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	.00043	.00061	.00313	.00014	.00016	.00771	.00029	
Stddev	.00008	.00011	.00031	.00005	.00019	.00089	.00051	
%RSD	19.664	17.968	9.8453	37.746	121.42	11.587	177.08	

#1	.00052	.00069	.00292	.00017	.00020	.00669	-.00022	
#2	.00039	.00049	.00348	.00017	-.00005	.00835	.00081	
#3	.00037	.00065	.00298	.00008	.00033	.00809	.00028	

Sample Name: S0 Acquired: 04/14/2020 15:24:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	1205.2	1743.0	38975.	9265.6	2268.0
Stddev	2.3	6.1	45.	18.5	6.1
%RSD	.19274	.34961	.11544	.19991	.27047
#1	1206.6	1744.5	38935.	9251.4	2263.1
#2	1202.5	1736.3	38967.	9259.0	2266.0
#3	1206.4	1748.2	39023.	9286.6	2274.9

Sample Name: S1 Acquired: 04/14/2020 15:28:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	.00003	.00079	.00177	.00278	.00828	.02131	.46568	.01671
Stddev	.00016	.00012	.00041	.00029	.00030	.00111	.00073	.00030
%RSD	486.53	15.545	23.176	10.555	3.5746	5.2075	.15615	1.8115
#1	.00004	.00077	.00222	.00256	.00798	.02188	.46640	.01659
#2	.00019	.00067	.00141	.00266	.00829	.02201	.46495	.01706
#3	-.00013	.00092	.00167	.00311	.00857	.02003	.46570	.01649
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	.01753	.23190	.00171	.04504	.00444	.00361	.00676	.05686
Stddev	.00021	.00063	.00008	.00040	.00018	.00019	.00002	.00065
%RSD	1.2105	.27157	4.8843	.89247	3.9707	5.1445	.26657	1.1358
#1	.01729	.23233	.00162	.04550	.00425	.00351	.00675	.05629
#2	.01769	.23219	.00178	.04477	.00449	.00349	.00678	.05673
#3	.01760	.23118	.00171	.04484	.00459	.00382	.00675	.05756
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	.02083	.00172	.02644	.00601	.02063	.10057	-.00089	.00437
Stddev	.00008	.00009	.00046	.00004	.00150	.00039	.00004	.00012
%RSD	.40643	4.9842	1.7479	.74571	7.2490	.39104	4.2315	2.7889
#1	.02085	.00181	.02595	.00601	.01902	.10012	-.00086	.00441
#2	.02073	.00170	.02650	.00597	.02198	.10087	-.00093	.00447
#3	.02089	.00164	.02687	.00606	.02087	.10070	-.00087	.00423
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	.00798	.00344	.02551	.00096	.03021	.05509	.93940	
Stddev	.00020	.00013	.00022	.00003	.00036	.00130	.00295	
%RSD	2.4952	3.6849	.85122	2.7001	1.1953	2.3594	.31440	
#1	.00797	.00356	.02540	.00095	.02981	.05394	.93690	
#2	.00780	.00344	.02536	.00099	.03031	.05650	.93863	
#3	.00819	.00331	.02576	.00094	.03052	.05483	.94266	

Sample Name: S1 Acquired: 04/14/2020 15:28:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	1211.1	1750.7	38932.	9327.5	2286.8
Stddev	8.5	5.5	37.	32.0	5.6
%RSD	.70417	.31230	.09525	.34332	.24579
#1	1205.4	1744.4	38971.	9291.5	2280.4
#2	1220.9	1754.4	38897.	9352.7	2291.1
#3	1207.1	1753.2	38929.	9338.2	2288.8

Sample Name: S2 Acquired: 04/14/2020 15:32:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	.03462	.05773	1.1962	.06950	.15160	3.1555	5.8205	.40794
Stddev	.00028	.00024	.0029	.00029	.00069	.0159	.0129	.00193
%RSD	.79474	.41840	.24578	.41213	.45816	.50486	.22074	.47414

#1	.03445	.05770	1.1929	.06917	.15240	3.1720	5.8263	.41007
#2	.03448	.05751	1.1974	.06968	.15120	3.1542	5.8295	.40629
#3	.03494	.05799	1.1984	.06965	.15120	3.1402	5.8058	.40747

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	1.8065	2.5501	.54883	.51299	.45956	1.0806	1.4095	.62913
Stddev	.0023	.0032	.00160	.00058	.00283	.0013	.0014	.00134
%RSD	.12574	.12649	.29145	.11223	.61489	.11720	.10318	.21271

#1	1.8084	2.5495	.55062	.51234	.45643	1.0802	1.4087	.63052
#2	1.8070	2.5535	.54756	.51319	.46193	1.0821	1.4112	.62900
#3	1.8040	2.5471	.54829	.51344	.46030	1.0797	1.4087	.62785

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	.29913	.07628	.18262	.06325	.95290	.64892	.04018	.33518
Stddev	.00028	.00008	.00193	.00048	.01092	.00518	.00023	.00137
%RSD	.09238	.10478	1.0567	.76347	1.1463	.79830	.56957	.40864

#1	.29929	.07634	.18419	.06376	.94313	.65440	.04010	.33667
#2	.29881	.07619	.18321	.06319	.96470	.64825	.04000	.33397
#3	.29929	.07631	.18047	.06280	.95087	.64410	.04044	.33491

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	.88964	.03785	.26223	.12623	.34893	1.1149	10.428
Stddev	.00289	.00045	.00116	.00038	.00261	.0012	.031
%RSD	.32490	1.1773	.44202	.29981	.74785	.10848	.29447

#1	.89272	.03774	.26306	.12606	.34608	1.1138	10.407
#2	.88699	.03747	.26090	.12666	.34951	1.1162	10.463
#3	.88919	.03834	.26272	.12597	.35120	1.1147	10.415

Sample Name: S2 Acquired: 04/14/2020 15:32:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	1169.1	1670.0	38269.	9325.1	2131.3
Stddev	3.8	4.3	81.	22.8	3.5
%RSD	.32310	.25665	.21211	.24423	.16651
#1	1172.5	1665.3	38303.	9298.8	2128.2
#2	1165.0	1671.1	38176.	9336.6	2130.5
#3	1169.8	1673.7	38327.	9339.8	2135.1

Sample Name: S3 Acquired: 04/14/2020 15:36:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	.07083	.11633	2.4165	.13856	.30613	6.3701	11.693	.80931
Stddev	.00021	.00019	.0034	.00045	.00114	.0250	.047	.00406
%RSD	.28965	.16483	.14139	.32367	.37105	.39185	.40568	.50165

#1	.07107	.11611	2.4170	.13865	.30544	6.3792	11.728	.81338
#2	.07072	.11641	2.4128	.13807	.30550	6.3418	11.639	.80526
#3	.07071	.11647	2.4196	.13895	.30744	6.3892	11.712	.80930

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6197	5.0789	1.0868	1.0369	.91629	2.1323	2.7870	1.2703
Stddev	.0070	.0195	.0008	.0006	.00277	.0113	.0094	.0056
%RSD	.19446	.38338	.07307	.05859	.30235	.52775	.33875	.44119

#1	3.6202	5.0834	1.0877	1.0372	.91579	2.1331	2.7870	1.2703
#2	3.6124	5.0576	1.0866	1.0362	.91380	2.1206	2.7776	1.2646
#3	3.6264	5.0957	1.0862	1.0373	.91928	2.1431	2.7964	1.2758

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	.60281	.15531	.37009	.12551	1.9262	1.3172	.08359	.66714
Stddev	.00129	.00008	.00087	.00039	.0178	.0042	.00023	.00304
%RSD	.21468	.04850	.23478	.30790	.92500	.31841	.27754	.45582

#1	.60332	.15524	.36929	.12582	1.9376	1.3148	.08355	.67064
#2	.60134	.15539	.37101	.12508	1.9057	1.3147	.08384	.66514
#3	.60377	.15531	.36996	.12563	1.9354	1.3220	.08338	.66564

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	1.8027	.07857	.51596	.25836	.69647	2.2654	20.899
Stddev	.0084	.00013	.00209	.00119	.00190	.0073	.035
%RSD	.46532	.16272	.40531	.46020	.27304	.32225	.16962

#1	1.7965	.07870	.51732	.25823	.69724	2.2703	20.919
#2	1.7995	.07844	.51356	.25724	.69430	2.2570	20.858
#3	1.8123	.07856	.51701	.25961	.69786	2.2689	20.920

Sample Name: S3 Acquired: 04/14/2020 15:36:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	1137.2	1614.8	37791.	9258.1	2039.3
Stddev	10.3	4.7	84.	43.6	1.7
%RSD	.90500	.28865	.22167	.47041	.08309
#1	1127.3	1618.8	37695.	9216.2	2041.1
#2	1147.9	1615.8	37844.	9303.2	2038.9
#3	1136.3	1609.7	37835.	9255.0	2037.8

Sample Name: S4 Acquired: 04/14/2020 15:40:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	.14616	.22995	4.9078	.27936	.62887	12.937	23.497	1.5987
Stddev	.00069	.00050	.0078	.00194	.00113	.048	.064	.0065
%RSD	.46967	.21846	.15805	.69514	.17999	.37112	.27103	.40605

#1	.14539	.22954	4.8988	.27998	.62887	12.918	23.490	1.6062
#2	.14639	.22981	4.9115	.27718	.62775	12.992	23.564	1.5956
#3	.14671	.23051	4.9129	.28092	.63001	12.901	23.437	1.5943

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	7.2411	10.133	2.1588	2.1027	1.8347	4.1897	5.4880	2.5676
Stddev	.0091	.015	.0019	.0022	.0045	.0088	.0114	.0057
%RSD	.12593	.14661	.08964	.10383	.24755	.20874	.20836	.22338

#1	7.2312	10.125	2.1582	2.1008	1.8307	4.1809	5.4791	2.5629
#2	7.2428	10.150	2.1610	2.1051	1.8337	4.1984	5.5009	2.5740
#3	7.2492	10.123	2.1572	2.1022	1.8396	4.1900	5.4841	2.5658

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	1.2140	.31521	.75030	.24989	3.9269	2.6920	.17578	1.3194
Stddev	.0015	.00137	.00351	.00117	.0246	.0085	.00058	.0092
%RSD	.12293	.43408	.46759	.46866	.62569	.31605	.33159	.70038

#1	1.2131	.31679	.74666	.25071	3.9504	2.6869	.17512	1.3295
#2	1.2131	.31447	.75366	.25041	3.9289	2.7018	.17601	1.3114
#3	1.2157	.31438	.75056	.24855	3.9014	2.6872	.17622	1.3172

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6630	.16442	1.0115	.52555	1.3927	4.6483	41.598
Stddev	.0058	.00055	.0076	.00129	.0037	.0059	.129
%RSD	.15817	.33321	.75346	.24456	.26825	.12765	.30909

#1	3.6604	.16381	1.0200	.52432	1.3896	4.6416	41.460
#2	3.6589	.16487	1.0055	.52688	1.3918	4.6508	41.620
#3	3.6696	.16458	1.0089	.52546	1.3968	4.6526	41.714

Sample Name: S4 Acquired: 04/14/2020 15:40:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	1089.7	1526.6	36896.	9171.5	1914.5
Stddev	11.3	1.6	164.	10.2	.7
%RSD	1.0364	.10478	.44411	.11073	.03825
#1	1076.9	1527.2	36733.	9170.4	1915.1
#2	1094.2	1527.9	36894.	9162.0	1914.7
#3	1098.1	1524.8	37061.	9182.2	1913.7

Sample Name: S5 Acquired: 04/14/2020 15:44:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	.30903	.44949	9.8770	.57108	1.3284	25.761	45.998	3.0932
Stddev	.00069	.00141	.0375	.00012	.0029	1.008	1.831	.0982
%RSD	.22315	.31273	.37937	.02016	.21815	3.9132	3.9812	3.1750

#1	.30826	.44869	9.8421	.57097	1.3308	24.599	44.132	2.9798
#2	.30959	.44866	9.8721	.57107	1.3292	26.404	47.793	3.1508
#3	.30924	.45111	9.9166	.57120	1.3252	26.280	46.070	3.1489

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	14.344	19.659	4.1921	4.2255	3.5977	7.9806	10.511	5.0660
Stddev	.017	.775	.0135	.0127	.1491	.3116	.416	.2019
%RSD	.12166	3.9417	.32136	.29953	4.1440	3.9046	3.9543	3.9862

#1	14.332	18.764	4.2066	4.2164	3.4255	7.6214	10.031	4.8332
#2	14.336	20.126	4.1801	4.2201	3.6813	8.1790	10.769	5.1946
#3	14.364	20.085	4.1895	4.2399	3.6861	8.1413	10.732	5.1701

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	2.4198	.64541	1.4832	.48197	8.2042	5.4478	.36255	2.5080
Stddev	.0019	.00063	.0561	.01821	.1002	.2022	.00117	.0816
%RSD	.08036	.09684	3.7834	3.7776	1.2211	3.7119	.32326	3.2542

#1	2.4180	.64526	1.4185	.46102	8.0986	5.2150	.36152	2.4140
#2	2.4195	.64610	1.5188	.49396	8.2978	5.5796	.36230	2.5613
#3	2.4218	.64488	1.5124	.49093	8.2163	5.5487	.36382	2.5486

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.5669	.34222	1.9439	1.0643	2.7153	9.3637	80.798	
Stddev	.0155	.00083	.0616	.0010	.1175	.3850	2.141	
%RSD	.20427	.24140	3.1675	.08971	4.3268	4.1114	2.6498	

#1	7.5733	.34177	1.8729	1.0633	2.5796	8.9192	78.412	
#2	7.5781	.34172	1.9825	1.0643	2.7833	9.5881	82.552	
#3	7.5493	.34317	1.9764	1.0653	2.7830	9.5839	81.431	

Sample Name: S5 Acquired: 04/14/2020 15:44:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	1006.8	1390.4	35845.	9253.3	1767.9
Stddev	9.8	2.7	133.	286.2	1.2
%RSD	.97057	.19353	.37205	3.0925	.06872
#1	1014.4	1388.8	35758.	9580.4	1768.8
#2	995.76	1389.0	35779.	9049.4	1768.5
#3	1010.3	1393.5	35999.	9130.1	1766.5

Sample Name: S6 Acquired: 04/14/2020 15:48:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	64.577	29.593	19.808	7.7822	3.8959
Stddev	2.122	1.077	.846	.3250	.1650
%RSD	3.2858	3.6406	4.2731	4.1761	4.2340

#1	65.485	30.056	20.248	7.9481	3.9682
#2	62.152	28.361	18.832	7.4077	3.7071
#3	66.094	30.361	20.343	7.9907	4.0123

Int. Std.	Y_3710
Units	Cts/S
Avg	9245.6
Stddev	306.1
%RSD	3.3106

#1	9096.6
#2	9597.6
#3	9042.5

Sample Name: ICV Acquired: 04/14/2020 15:52:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	1.011348	1.047306	.9700528	1.016019	.9291697	2.468650
Stddev	.006104	.004193	.0039079	.008134	.0029512	.098759
%RSD	.6035904	.4004036	.4028578	.8005594	.3176151	4.000510

#1	1.006692	1.047842	.9688627	1.025173	.9321111	2.575880
#2	1.009093	1.042870	.9668783	1.009620	.9291892	2.448644
#3	1.018259	1.051206	.9744174	1.013265	.9262088	2.381426

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5322248	.5093653	.5113597	10.78280	.5393319	.4982799
Stddev	.0196177	.0159398	.0011747	.36451	.0014679	.0006554
%RSD	3.685986	3.129342	.2297193	3.380506	.2721739	.1315352

#1	.5547611	.5273977	.5100424	11.20152	.5393121	.4990331
#2	.5229421	.5035430	.5122986	10.61053	.5378740	.4979673
#3	.5189712	.4971552	.5117380	10.53635	.5408096	.4978394

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4981100	10.40629	.5392920	5.967739	.5074877	.2437983
Stddev	.0217462	.34797	.0191726	.214573	.0017846	.0007279
%RSD	4.365735	3.343863	3.555145	3.595545	.3516472	.2985694

#1	.5232104	10.80577	.5611977	6.215412	.5059264	.2430529
#2	.4849503	10.24392	.5311133	5.849841	.5094330	.2445074
#3	.4861692	10.16917	.5255650	5.837965	.5071036	.2438346

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.875991	.5326450	1.110220	9.447185	F -.002548	F .0289653
Stddev	.209893	.0218448	.004607	.282869	.002283	.0020404
%RSD	2.125288	4.101184	.4149550	2.994210	89.60205	7.044381

#1	10.10602	.5576975	1.115525	9.773806	-.001376	.0310192
#2	9.82709	.5226627	1.107226	9.281959	-.001089	.0289382
#3	9.69486	.5175747	1.107909	9.285790	-.005179	.0269386

Sample Name: ICV Acquired: 04/14/2020 15:52:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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 -.000167	F -.010701	F .0043855	F .0018514	F .0004749	F .0034122
Stddev	.000404	.002163	.0014419	.0003664	.0006013	.0003514
%RSD	241.6427	20.21483	32.87811	19.78856	126.6330	10.29939
#1	-.000578	-.013177	.0060320	.0014419	-.000104	.0037181
#2	-.000152	-.009178	.0037763	.0021482	.001096	.0034902
#3	.000229	-.009748	.0033483	.0019641	.000432	.0030283

Elem	Sr4077
Units	ppm
Avg	F .0011528
Stddev	.0000578
%RSD	5.013064
#1	.0012110
#2	.0011521
#3	.0010954

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1207.109	1726.078	39493.80	9304.600	2265.213
Stddev	7.077	1.282	117.45	284.555	2.682
%RSD	.5862436	.0742557	.2973897	3.058215	.1184153
#1	1199.666	1727.266	39621.84	8984.222	2268.302
#2	1207.909	1726.248	39391.06	9401.622	2263.467
#3	1213.752	1724.719	39468.49	9527.955	2263.871

Sample Name: ICB Acquired: 04/14/2020 15:56:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	-.000198	.0057161	-.000174	-.003153	-.001065	-.001276	-.000043
Stddev	.008356	.0010540	.001904	.002107	.001852	.002706	.000638
%RSD	4223.542	18.43907	1093.294	66.82600	173.8408	212.0202	1482.286

#1	.004079	.0065470	-.002224	-.001997	-.002156	.001836	-.000258
#2	-.009826	.0060708	.000165	-.005585	.001073	-.002595	.000675
#3	.005154	.0045305	.001537	-.001877	-.002112	-.003069	-.000546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000905	.0000539	-.017590	-.000257	-.000209	.0016866	.0023164
Stddev	.0000656	.0000639	.001669	.000143	.000117	.0026843	.0005798
%RSD	72.49257	118.6665	9.490154	55.72313	56.14502	159.1526	25.03146

#1	.0000875	.0001165	-.017377	-.000112	-.000098	.0002852	.0021706
#2	.0001575	.0000565	-.019355	-.000399	-.000332	-.000007	.0018234
#3	.0000264	-.000011	-.016037	-.000262	-.000198	.004782	.0029553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000114	-.017621	.0004702	.0000719	-.134600	.0003489	-.001963
Stddev	.0002505	.011712	.0002237	.0002074	.241631	.0019237	.000828
%RSD	2192.998	66.46886	47.56934	288.5823	179.5182	551.4022	42.15405

#1	-.000222	-.028102	.0002919	-.000168	-.280529	-.001218	-.001808
#2	-.000021	-.004979	.0007212	.000197	-.267582	.002496	-.001225
#3	.000276	-.019781	.0003976	.000186	.144312	-.000231	-.002858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0389562	-.001372	.0121769	.0000921	-.002182	.0001763	.0013032
Stddev	.0901931	.003498	.0010352	.0002743	.005116	.0008632	.0006426
%RSD	231.5243	254.9596	8.501211	297.7397	234.4546	489.5701	49.31081

#1	.1020811	-.003299	.0129567	.0000194	-.004125	-.000460	.0019953
#2	-.064343	-.003483	.0125716	.0003954	.003620	.001159	.0007254
#3	.079131	.002666	.0110024	-.000138	-.006041	-.000170	.0011889

Sample Name: ICB Acquired: 04/14/2020 15:56:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) 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	-.000094	.0018955	-.000059
Stddev	.000806	.0008443	.000033
%RSD	856.3396	44.54411	56.08508

#1	-.000632	.0019831	-.000097
#2	-.000483	.0010107	-.000039
#3	.000833	.0026926	-.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1213.032	1724.378	39523.82	9414.092	2259.740
Stddev	9.941	4.092	246.32	35.849	.839
%RSD	.8194846	.2372916	.6232144	.3808038	.0371396

#1	1208.367	1727.936	39345.34	9381.900	2260.637
#2	1206.281	1719.907	39421.29	9407.650	2258.973
#3	1224.447	1725.290	39804.85	9452.725	2259.611

Sample Name: CCV044 Acquired: 04/14/2020 16:00:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.027829	4.887908	24.87996	4.820082	4.948972	425.8280	10.16698
Stddev	.007365	.012832	.01603	.022520	.004822	.4482	.01343
%RSD	.1464868	.2625187	.0644301	.4672145	.0974443	.1052641	.1321085

#1	5.019999	4.889800	24.87525	4.826275	4.951273	425.3834	10.15955
#2	5.028869	4.874236	24.86680	4.795113	4.943429	425.8208	10.15890
#3	5.034619	4.899689	24.89781	4.838857	4.952212	426.2798	10.18248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5037816	2.504248	434.9493	15.41875	2.521516	15.31312	422.9299
Stddev	.0003087	.004926	.4303	.02361	.002168	.02337	.6633
%RSD	.0612756	.1967174	.0989204	.1531134	.0859742	.1526341	.1568445

#1	.5038508	2.504790	434.4806	15.40158	2.522769	15.29472	422.5062
#2	.5034441	2.499074	435.0408	15.44567	2.519013	15.30522	422.5891
#3	.5040498	2.508882	435.3263	15.40900	2.522767	15.33942	423.6943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.02671	429.2529	2.520279	1.252335	425.7425	2.512305	15.44349
Stddev	.01890	.5608	.005687	.003726	.8381	.003081	.11724
%RSD	.1257433	.1306367	.2256672	.2975465	.1968446	.1226305	.7591256

#1	15.01591	428.7264	2.521424	1.250290	426.4628	2.510142	15.49015
#2	15.01569	429.1897	2.514106	1.250079	424.8227	2.510940	15.31011
#3	15.04853	429.8425	2.525306	1.256636	425.9420	2.515832	15.53021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.6148	5.081559	5.219313	4.909827	5.104125	4.969171	5.047389
Stddev	.2937	.009874	.003137	.002914	.013474	.005374	.016795
%RSD	.1899712	.1943024	.0600991	.0593552	.2639789	.1081418	.3327550

#1	154.7976	5.070160	5.222176	4.907236	5.115838	4.973812	5.041117
#2	154.2760	5.087086	5.215960	4.909262	5.107136	4.963283	5.034633
#3	154.7708	5.087432	5.219801	4.912982	5.089400	4.970416	5.066418

Sample Name: CCV044 Acquired: 04/14/2020 16:00:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV044 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.068123	5.161988	5.056153
Stddev	.012728	.010484	.014618
%RSD	.2511345	.2030945	.2891203

#1	5.065144	5.151423	5.054068
#2	5.057149	5.162152	5.042689
#3	5.082076	5.172389	5.071702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.982	1471.801	36117.97	9195.194	1800.277
Stddev	5.055	1.343	55.68	17.964	1.877
%RSD	.4791829	.0912401	.1541723	.1953619	.1042717

#1	1051.934	1471.404	36114.81	9178.995	1799.796
#2	1060.817	1473.297	36175.17	9192.073	1802.348
#3	1052.194	1470.700	36063.94	9214.514	1798.688

Sample Name: CCB044 Acquired: 04/14/2020 16:04:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033176	-.000376	.0000732	.0023659	-.000887	.0194077	.0006845
Stddev	.0075022	.001974	.0017955	.0054901	.000603	.0030716	.0008860
%RSD	226.1322	524.9620	2452.626	232.0483	67.95793	15.82686	129.4409

#1	.0051005	.001718	.0010380	.0086161	-.000218	.0207185	.0002903
#2	-.004915	-.002203	.0011800	.0001585	-.001389	.0216065	.0000640
#3	.009768	-.000642	-.001998	-.001677	-.001054	.0158982	.0016992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000891	.0000918	.0009703	-.000237	.0004212	.0018590	.0249581
Stddev	.0000221	.0000619	.0051478	.000601	.0002731	.0025886	.0020151
%RSD	24.77710	67.44918	530.5338	253.9873	64.82100	139.2486	8.073890

#1	.0000641	.0000421	.0012949	-.000761	.0002839	.0038479	.0245434
#2	.0001059	.0001611	.0059482	-.000369	.0007357	.0027970	.0271483
#3	.0000972	.0000721	-.004332	.000420	.0002441	-.001068	.0231826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007987	.0007987	.0001989	.0006071	.0110808	-.000566	-.001118
Stddev	.0006929	.0208156	.0002789	.0001126	.1837498	.002163	.001650
%RSD	86.75745	2606.159	140.2739	18.54617	1658.276	382.3251	147.6689

#1	.0015466	.0245395	.0003849	.0005249	.2033529	.001373	.000364
#2	.0006707	-.007820	.0003335	.0005610	-.007354	-.000171	-.002896
#3	.0001787	-.014323	-.000122	.0007355	-.162757	-.002899	-.000820

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0942860	.0026336	.0232636	.0009006	-.004537	.0010141	.0022474
Stddev	.1332189	.0047153	.0013567	.0003239	.005083	.0006111	.0004333
%RSD	141.2923	179.0434	5.831976	35.95838	112.0288	60.25972	19.28225

#1	-.059172	.0065677	.0246155	.0012049	-.010236	.0003097	.0026530
#2	.180246	-.002593	.0232732	.0009368	-.000470	.0014026	.0017908
#3	.161784	.003926	.0219021	.0005602	-.002906	.0013300	.0022983

Sample Name: CCB044 Acquired: 04/14/2020 16:04:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB044 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008914	.0035256	.0000709
Stddev	.0013105	.0008892	.0001355
%RSD	147.0205	25.22017	191.2555

#1	.0012377	.0039703	.0001950
#2	.0019940	.0041046	.0000912
#3	-.000558	.0025018	-.000074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.116	1714.843	39540.65	9440.642	2247.728
Stddev	10.259	3.654	85.55	30.017	2.565
%RSD	.8464109	.2130654	.2163688	.3179544	.1140973

#1	1201.018	1714.479	39463.36	9415.500	2246.426
#2	1221.254	1718.664	39526.00	9432.550	2250.682
#3	1214.076	1711.384	39632.58	9473.875	2246.075

Sample Name: CU 100PPB Acquired: 04/14/2020 16:13:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CU 100PPB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003275	.0025204	-.000326	.0011725	-.001862	.0009788	-.000208
Stddev	.001238	.0030770	.002449	.0018055	.001184	.0075967	.000402
%RSD	37.80223	122.0866	750.6645	153.9790	63.58245	776.1072	193.3918

#1	-.004385	.0044375	-.001489	.0005315	-.001335	.0076248	-.000335
#2	-.001940	-.001029	-.001977	.0032111	-.003219	.0026139	.000242
#3	-.003500	.004152	.002487	-.000225	-.001034	-.007302	-.000531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000663	-.000115	.0038946	-.000431	.0003089	.1058595	-.003375
Stddev	.0000199	.000074	.0022926	.000533	.0001722	.0003853	.001980
%RSD	30.05293	64.43593	58.86702	123.6798	55.73856	.3639684	58.64705

#1	.0000782	-.000136	.0014220	-.000150	.0001481	.1060858	-.005077
#2	.0000775	-.000175	.0059501	-.001046	.0004906	.1054146	-.003847
#3	.0000433	-.000032	.0043118	-.000097	.0002880	.1060780	-.001203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	-.002916	-.000025	.0002727	-.147300	-.000126	-.001889
Stddev	.000467	.022835	.000508	.0004387	.048518	.001129	.004166
%RSD	590.3944	783.0059	2068.650	160.8681	32.93835	894.2398	220.5564

#1	.000406	-.005112	.000560	.0000582	-.091901	.001079	.002810
#2	-.000118	-.024574	-.000363	.0007773	-.182227	-.001158	-.005131
#3	-.000526	.020938	-.000271	-.000017	-.167773	-.000299	-.003345

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051524	-.000346	.0079816	-.000161	-.006259	.0002509	.0005517
Stddev	.073002	.002545	.0010736	.000306	.001506	.0007230	.0014863
%RSD	141.6862	736.3578	13.45143	189.3178	24.06043	288.1228	269.3983

#1	-.035431	-.001651	.0087575	.000169	-.005514	-.000567	.0015401
#2	.012089	-.001973	.0084309	-.000219	-.005270	.000806	-.001158
#3	-.131230	.002588	.0067563	-.000434	-.007992	.000513	.001273

Sample Name: CU 100PPB Acquired: 04/14/2020 16:13:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CU 100PPB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005316	-.001365	-.000112
Stddev	.0007497	.001002	.000032
%RSD	141.0213	73.46416	28.54657

#1	-.000120	-.000337	-.000125
#2	.001351	-.001417	-.000076
#3	.000364	-.002340	-.000136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.622	1713.216	38842.11	9486.467	2245.007
Stddev	42.125	1.816	1433.13	47.240	2.197
%RSD	3.541032	.1059921	3.689630	.4979749	.0978681

#1	1218.138	1712.661	39707.79	9473.625	2245.765
#2	1209.491	1711.742	39630.67	9446.975	2242.532
#3	1141.237	1715.245	37187.88	9538.800	2246.725

Sample Name: CU 200PPB Acquired: 04/14/2020 16:17:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CU 200PPB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074695	.0020702	-.001879	-.000832	-.001133	.0016018	-.000286
Stddev	.0074684	.0024306	.000431	.002939	.000917	.0040186	.000276
%RSD	99.98571	117.4082	22.92922	353.3854	80.98355	250.8768	96.34494

#1	.0110469	.0032640	-.002184	-.001879	-.000111	-.000461	-.000114
#2	-.001115	-.000726	-.001386	.002488	-.001885	.006233	-.000141
#3	.012476	.003673	-.002066	-.003104	-.001401	-.000966	-.000604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001181	.0000018	-.009695	-.000287	-.000010	.2106859	.0011591
Stddev	.0000707	.0000024	.004736	.000246	.000103	.0043827	.0037726
%RSD	59.87387	132.0360	48.85213	85.87747	990.7795	2.080195	325.4687

#1	.0000897	-.000000	-.009184	-.000357	.000070	.2097967	-.002774
#2	.0001985	.000001	-.005235	-.000491	.000025	.2068160	.004748
#3	.0000659	.000005	-.014666	-.000013	-.000126	.2154450	.001503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	-.008992	.0002924	.0004282	-.001078	-.001111	-.002191
Stddev	.000045	.010791	.0003741	.0000676	.345615	.002364	.001805
%RSD	112.0411	120.0026	127.9495	15.77411	32066.48	212.8070	82.37199

#1	.000011	-.020180	.0004646	.0003544	.104112	.001529	-.000946
#2	-.000056	.001352	.0005494	.0004870	-.387066	-.003032	-.004261
#3	-.000076	-.008149	-.000137	.0004432	.279720	-.001830	-.001367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017059	-.001760	.0049757	-.000288	-.001416	.0007567	.0003757
Stddev	.041809	.001237	.0010029	.000261	.000635	.0017253	.0013778
%RSD	245.0907	70.28810	20.15549	90.53855	44.89010	228.0012	366.7563

#1	.030861	-.002729	.0042179	-.000589	-.000853	.0022457	.0003297
#2	-.046093	-.002186	.0045962	-.000127	-.001289	.0011585	.0017759
#3	-.035943	-.000366	.0061129	-.000148	-.002105	-.001134	-.000979

Sample Name: CU 200PPB Acquired: 04/14/2020 16:17:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CU 200PPB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000402	-.002262	-.000074
Stddev	.001004	.000532	.000032
%RSD	249.5471	23.51566	43.82485

#1	.000225	-.002522	-.000052
#2	-.001560	-.001650	-.000059
#3	.000128	-.002615	-.000111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1209.424	1718.526	39494.08	9481.092	2248.818
Stddev	9.443	4.992	112.35	17.684	3.706
%RSD	.7808162	.2904682	.2844733	.1865160	.1647811

#1	1204.559	1722.397	39371.66	9461.575	2247.461
#2	1203.406	1712.892	39518.12	9485.650	2245.981
#3	1220.308	1720.288	39592.47	9496.050	2253.010

Sample Name: CU 1.0PPM Acquired: 04/14/2020 16:21:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CU 1.0PPM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019953	-.000691	.0014097	-.000786	-.002031	-.000661	-.000247
Stddev	.0086330	.001239	.0013141	.004288	.001996	.004744	.000177
%RSD	432.6582	179.3315	93.22180	545.2679	98.27626	718.2224	71.76248

#1	.0102688	-.001431	.0027484	.000832	-.004335	-.001770	-.000043
#2	.0026742	-.001382	.0001216	.002456	-.000912	-.004752	-.000339
#3	-.006957	.000740	.0013590	-.005648	-.000845	.004540	-.000360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001177	-.000033	-.019522	-.000151	-.000054	1.050595	.0077687
Stddev	.0000809	.000090	.010729	.000168	.000078	.006937	.0044403
%RSD	68.74662	271.1489	54.95652	111.1822	144.5184	.6603027	57.15626

#1	.0000431	-.000030	-.024883	-.000206	-.000107	1.058057	.0111965
#2	.0001064	.000055	-.026513	.000038	.000036	1.049387	.0093569
#3	.0002038	-.000125	-.007169	-.000284	-.000090	1.044342	.0027527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003691	-.018664	.0007453	.0003053	-.128876	-.001865	-.001529
Stddev	.0003612	.012573	.0001560	.0001526	.124525	.001418	.002086
%RSD	97.85969	67.36301	20.92475	49.99350	96.62408	76.03555	136.3822

#1	.0003903	-.024167	.0008804	.0004810	-.079900	-.002015	.000802
#2	.0007192	-.004278	.0007811	.0002303	-.270443	-.000378	-.002170
#3	-.000002	-.027547	.0005746	.0002047	-.036285	-.003202	-.003219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125086	-.003456	.0036971	.0000153	-.005465	-.000611	.0000572
Stddev	.0146245	.001063	.0007757	.0001445	.002138	.000854	.0004963
%RSD	116.9158	30.75280	20.98262	942.0589	39.12876	139.8176	867.6272

#1	-.002487	-.003860	.0045890	-.000080	-.003426	.000037	.0004054
#2	.013282	-.004258	.0031799	.000182	-.007690	-.001579	-.000511
#3	.026731	-.002250	.0033224	-.000056	-.005278	-.000291	.000277

Sample Name: CU 1.0PPM Acquired: 04/14/2020 16:21:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CU 1.0PPM Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006716	-.002080	-.000070
Stddev	.0004441	.000459	.000052
%RSD	66.11781	22.08013	74.11915

#1	.0010395	-.002384	-.000122
#2	.0001784	-.002303	-.000070
#3	.0007971	-.001552	-.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1213.377	1711.627	39573.39	9481.142	2242.177
Stddev	2.427	1.636	92.10	22.861	2.006
%RSD	.2000041	.0956014	.2327356	.2411174	.0894793

#1	1211.565	1711.071	39499.22	9474.725	2242.676
#2	1216.134	1713.469	39544.46	9462.175	2239.969
#3	1212.430	1710.341	39676.48	9506.525	2243.887

Sample Name: L1795-10 Acquired: 04/14/2020 16:30:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAWD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1621207	.0020991	.1497969	.2944756	.1487314	47.94605	3.892153
Stddev	.0040736	.0030445	.0014913	.0048001	.0052426	.26729	.012208
%RSD	2.512690	145.0358	.9955127	1.630046	3.524898	.5574735	.3136483

#1	.1663347	.0054390	.1482224	.2890004	.1435046	47.67260	3.880513
#2	.1618235	-.000521	.1499801	.2964665	.1486998	48.20672	3.904858
#3	.1582038	.001379	.1511880	.2979598	.1539897	47.95884	3.891088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013249	.0014604	119.1952	.1958169	.6259049	.1555878	35.93223
Stddev	.0000743	.0000916	.4961	.0018219	.0014451	.0004784	.30802
%RSD	5.604224	6.271192	.4161961	.9304333	.2308730	.3074517	.8572121

#1	.0012498	.0014414	118.7047	.1954916	.6257855	.1557979	35.61000
#2	.0013983	.0015600	119.6967	.1941795	.6245232	.1550403	36.22372
#3	.0013266	.0013798	119.1844	.1977796	.6274059	.1559252	35.96298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4036889	4.226566	.0149450	.1910551	100.3920	1.035210	.6029156
Stddev	.0019029	.025202	.0001295	.0006878	.3249	.009622	.0065882
%RSD	.4713703	.5962739	.8663074	.3599817	.3236391	.9295126	1.092716

#1	.4015703	4.197749	.0150722	.1904986	100.0652	1.027992	.6013230
#2	.4052528	4.244482	.0148134	.1908427	100.7149	1.046134	.6101541
#3	.4042436	4.237468	.0149493	.1918240	100.3959	1.031504	.5972697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	124.0883	.1712518	.0375321	.0030305	.7179735	15.66163	.0121219
Stddev	.4481	.0036470	.0015782	.0003227	.0033289	.15557	.0020467
%RSD	.3610781	2.129614	4.204898	10.64938	.4636502	.9933311	16.88433

#1	123.5763	.1717552	.0357339	.0028461	.7149362	15.64179	.0144285
#2	124.4087	.1746209	.0386869	.0028424	.7174520	15.82618	.0114143
#3	124.2798	.1673792	.0381757	.0034032	.7215324	15.51694	.0105229

Sample Name: L1795-10 Acquired: 04/14/2020 16:30:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAWD4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5404313	.0049362	.0435342
Stddev	.0003917	.0003792	.0001040
%RSD	.0724812	7.682868	.2389273

#1	.5406581	.0053722	.0434692
#2	.5399790	.0046830	.0436542
#3	.5406568	.0047533	.0434792

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1221.355	1716.069	40200.64	9926.679	2112.246
Stddev	8.067	3.905	161.87	50.461	2.381
%RSD	.6604887	.2275349	.4026596	.5083322	.1127202

#1	1223.717	1718.707	40335.11	9947.969	2114.936
#2	1212.370	1717.918	40245.83	9869.063	2111.394
#3	1227.976	1711.584	40020.97	9963.006	2110.409

Sample Name: CCV045 Acquired: 04/14/2020 16:51:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.095927	4.903139	24.46260	4.924436	5.051526	425.6300	10.17678
Stddev	.027866	.025234	.08516	.031262	.007053	.7142	.01091
%RSD	.5468383	.5146432	.3481143	.6348324	.1396193	.1677879	.1072326

#1	5.075310	4.884475	24.38053	4.915483	5.051160	425.3724	10.18353
#2	5.084841	4.893093	24.45673	4.898627	5.044663	425.0803	10.16419
#3	5.127631	4.931848	24.55054	4.959198	5.058754	426.4372	10.18262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4894055	2.460789	429.7709	15.13530	2.485640	15.18810	417.7714
Stddev	.0008151	.006711	.5699	.01927	.006498	.02144	.6222
%RSD	.1665569	.2727161	.1326130	.1272949	.2614120	.1411341	.1489321

#1	.4886589	2.453947	429.3615	15.11323	2.481248	15.17144	418.2166
#2	.4902751	2.461060	429.5295	15.14878	2.482568	15.21228	417.0604
#3	.4892824	2.467361	430.4219	15.14388	2.493104	15.18058	418.0371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85884	421.3389	2.502791	1.242900	421.7488	2.501320	15.53580
Stddev	.00985	.3931	.009785	.004094	.8756	.008285	.15084
%RSD	.0663025	.0932952	.3909458	.3294120	.2076060	.3312070	.9708905

#1	14.86588	421.2278	2.495028	1.243177	420.9700	2.502305	15.70372
#2	14.84758	421.0134	2.499563	1.246849	421.5798	2.492586	15.41178
#3	14.86306	421.7756	2.513782	1.238675	422.6966	2.509067	15.49192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.6001	5.101834	5.050976	4.956590	5.104280	4.850873	5.031859
Stddev	.0362	.012457	.013107	.017440	.025698	.008566	.026338
%RSD	.0234369	.2441672	.2595001	.3518604	.5034554	.1765914	.5234312

#1	154.5641	5.089348	5.065674	4.952069	5.078819	4.847639	5.001456
#2	154.5996	5.101894	5.040502	4.941856	5.103812	4.860586	5.046379
#3	154.6365	5.114262	5.046752	4.975846	5.130208	4.844395	5.047741

Sample Name: CCV045 Acquired: 04/14/2020 16:51:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV045 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.014469	5.128003	4.989772
Stddev	.013910	.006112	.016101
%RSD	.2773888	.1191951	.3226801

#1	5.005053	5.121747	4.996141
#2	5.030445	5.133961	4.971461
#3	5.007908	5.128301	5.001715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1029.150	1423.326	35790.40	9262.188	1769.815
Stddev	5.347	2.819	100.45	18.503	3.144
%RSD	.5195392	.1980472	.2806684	.1997653	.1776506

#1	1022.977	1422.411	35827.80	9240.872	1771.717
#2	1032.331	1426.489	35676.62	9271.591	1771.543
#3	1032.141	1421.079	35866.80	9274.100	1766.186

Sample Name: CCB045 Acquired: 04/14/2020 16:55:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053690	.0025381	-.000306	.0031451	-.002965	.0123340	-.000301
Stddev	.0069471	.0004064	.001340	.0018565	.000235	.0058916	.000536
%RSD	129.3921	16.01235	438.0830	59.02670	7.936781	47.76739	178.0181

#1	.0046847	.0028464	-.000091	.0050935	-.002700	.0181220	.000135
#2	.0126330	.0020776	.000913	.0013968	-.003149	.0063439	-.000900
#3	-.001211	.0026902	-.001740	.0029450	-.003047	.0125361	-.000138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001167	.0000195	.0002204	.0003155	.0001593	.0026017	.0089438
Stddev	.0000582	.0000706	.0063728	.0002044	.0001724	.0019465	.0090661
%RSD	49.83166	362.1388	2891.187	64.79727	108.1731	74.81728	101.3675

#1	.0001678	.0000145	.0071244	.0002033	.0003444	.0026550	.0050619
#2	.0001290	.0000925	-.001026	.0005514	.0000034	.0045210	.0193044
#3	.0000534	-.000048	-.005437	.0001917	.0001301	.0006291	.0024649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006927	.0242082	.0001285	.0005457	-.317709	-.000625	-.001656
Stddev	.0005392	.0180681	.0001013	.0002162	.204222	.000806	.000380
%RSD	77.83446	74.63640	78.86118	39.62580	64.27945	128.9616	22.93017

#1	.0009983	.0255935	.0000166	.0006996	-.490846	-.000871	-.001229
#2	.0010097	.0415438	.0002142	.0006389	-.369791	.000275	-.001782
#3	.0000702	.0054873	.0001547	.0002985	-.092490	-.001279	-.001957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001562	-.000411	.0169899	.0005949	-.009089	.0013883	.0005915
Stddev	.022493	.003687	.0015815	.0000458	.000487	.0002860	.0011612
%RSD	1439.625	896.6275	9.308661	7.698724	5.359877	20.60419	196.3070

#1	.022043	-.003609	.0187758	.0006245	-.009568	.0015138	-.000357
#2	-.003983	-.001246	.0157666	.0005422	-.009106	.0010609	.001887
#3	-.022747	.003621	.0164273	.0006181	-.008594	.0015901	.000245

Sample Name: CCB045 Acquired: 04/14/2020 16:55:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1132) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB045 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011993	.0011550	.0000919
Stddev	.0001973	.0002760	.0000881
%RSD	16.45174	23.89355	95.84894

#1	.0009900	.0009695	.0001935
#2	.0013819	.0014722	.0000361
#3	.0012260	.0010234	.0000461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1194.193	1668.319	39456.74	9574.517	2212.274
Stddev	9.934	4.661	71.09	53.426	1.601
%RSD	.8318717	.2793713	.1801839	.5580058	.0723476

#1	1192.513	1664.633	39507.16	9524.500	2213.886
#2	1204.860	1666.767	39487.64	9568.250	2212.250
#3	1185.206	1673.558	39375.42	9630.800	2210.685