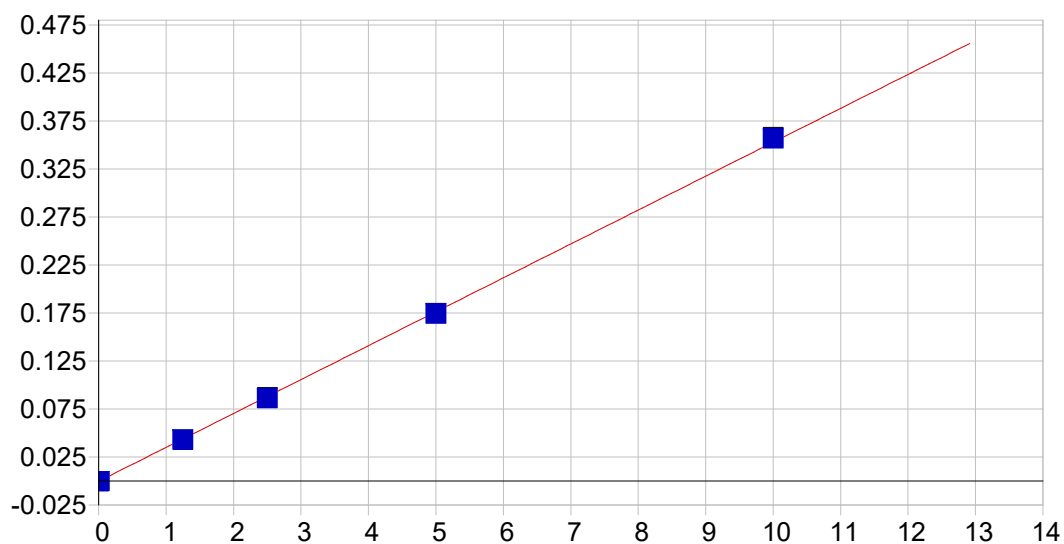


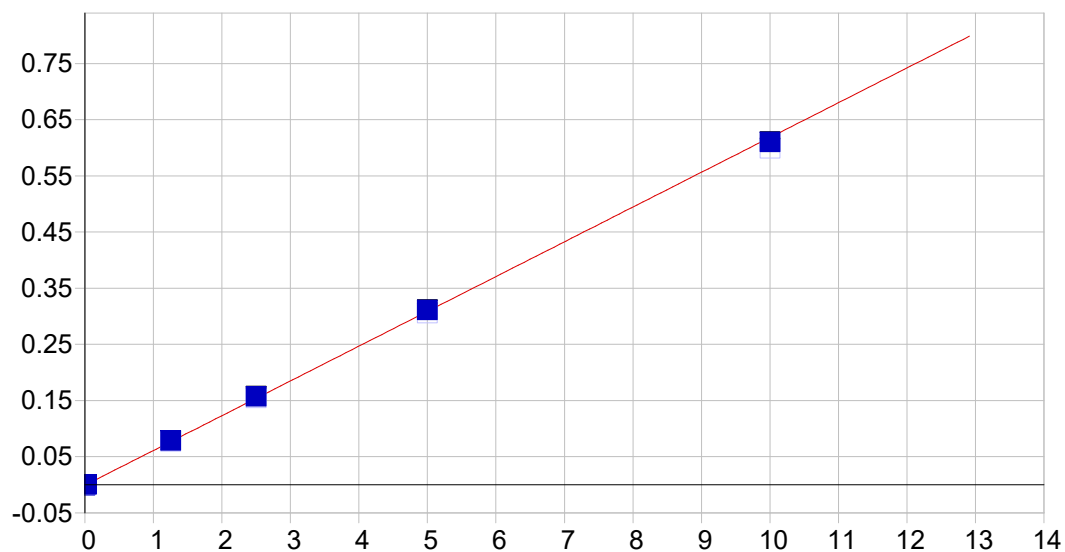


As 189.042 {479}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000325	Re-Slope:	1.000000
A1 (Gain):	0.035316	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.003746		
Predicted MQL:	0.012485		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.01000	.01120	.001	12.0	.00007	.000	1
S2	1.2500	1.2288	-.021	-1.70	.04297	.000	1
S3	2.5000	2.4527	-.047	-1.89	.08609	.000	1
S4	5.0000	4.9489	-.051	-1.02	.17403	.000	1
S5	10.000	10.118	.118	1.18	.35618	.001	1

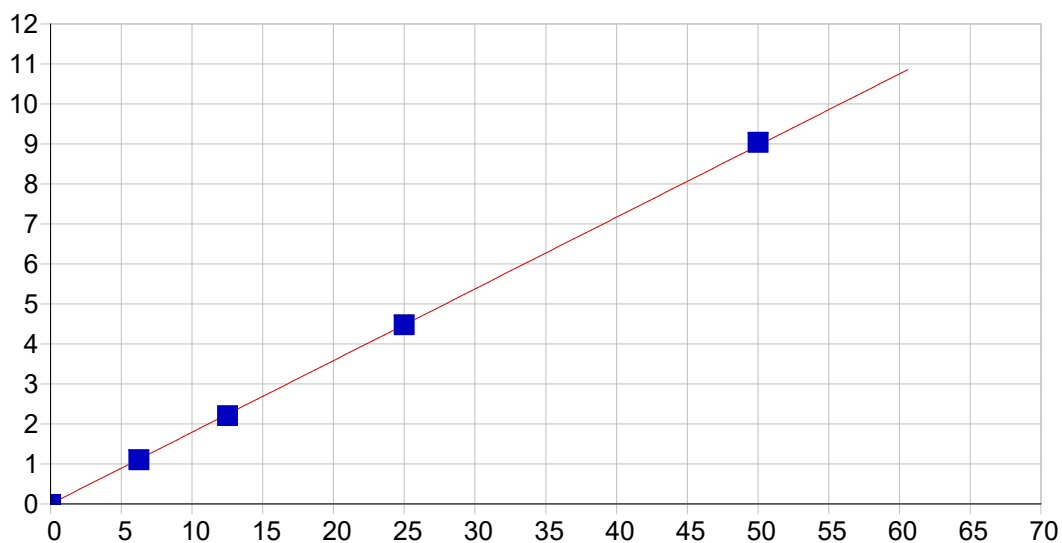


TI 190.856 {477}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000762	Re-Slope:	1.000000
A1 (Gain):	0.061922	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999873	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.002227		
Predicted MQL:	0.007422		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00076	.000	1
S1	.02500	.02825	.003	13.0	.00092	.000	1
S2	1.2500	1.2825	.032	2.60	.07722	.000	1
S3	2.5000	2.5562	.056	2.25	.15467	.000	1
S4	5.0000	5.0402	.040	.803	.30563	.000	1
S5	10.000	9.8680	-.132	-1.32	.59887	.001	1

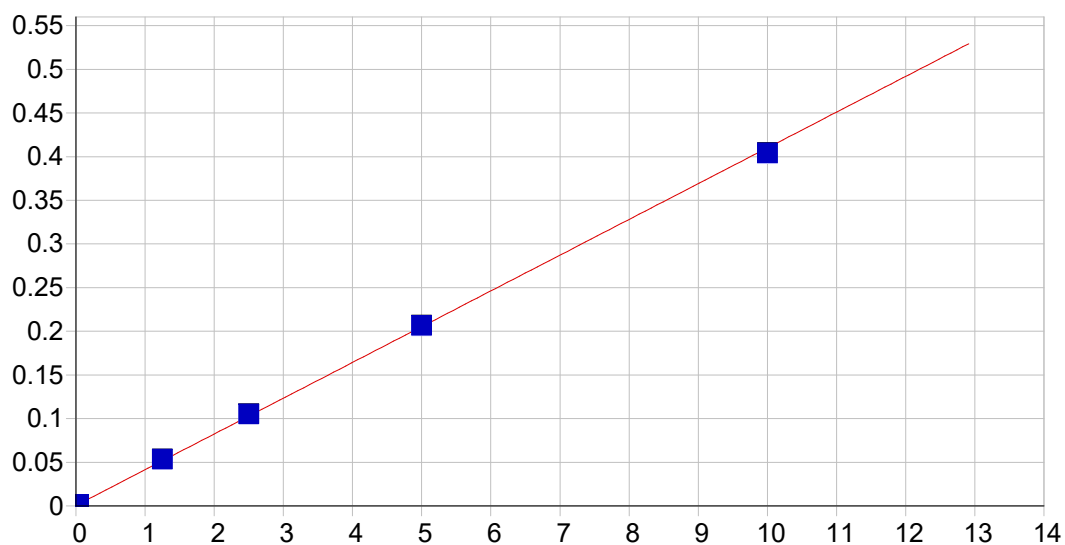


Pb 220.353 {453}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000248	Re-Slope:	1.000000
A1 (Gain):	0.179171	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.001772		
Predicted MQL:	0.005905		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00025	.000	1
S1	.01000	.01104	.001	10.4	.00223	.000	1
S2	6.2500	6.1265	-.124	-1.98	1.0982	.002	1
S3	12.500	12.282	-.218	-1.74	2.2013	.003	1
S4	25.000	24.947	-.053	-.211	4.4709	.003	1
S5	50.000	50.393	.393	.787	9.0310	.011	1

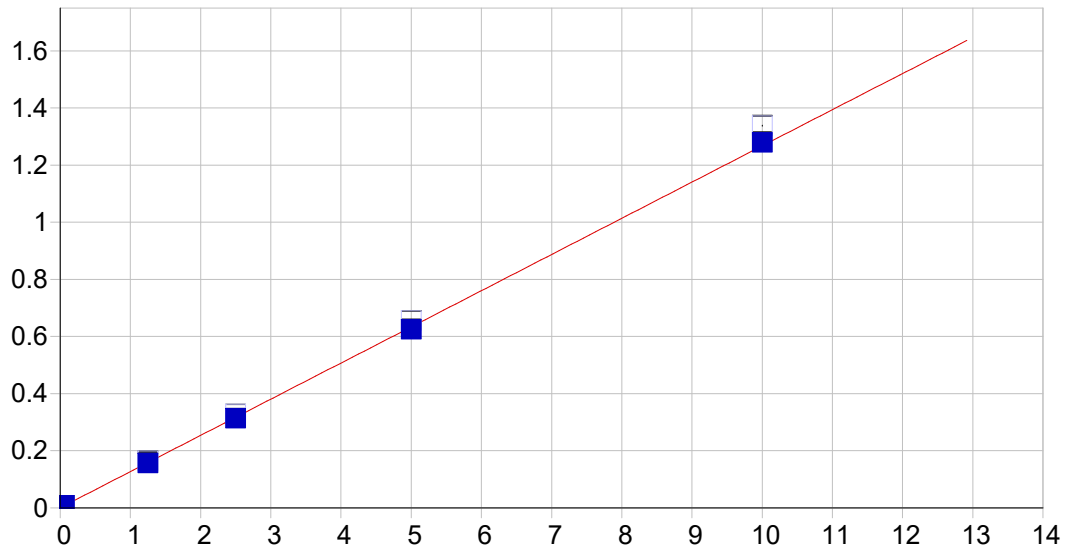


Se 196.090 {472}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000498	Re-Slope:	1.000000
A1 (Gain):	0.040952	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999861	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.003712		
Predicted MQL:	0.012375		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00050	.000	1
S1	.03500	.03786	.003	8.18	.00205	.000	1
S2	1.2500	1.2919	.042	3.35	.05327	.000	1
S3	2.5000	2.5591	.059	2.36	.10503	.000	1
S4	5.0000	5.0350	.035	.699	.20615	.000	1
S5	10.000	9.8612	-.139	-1.39	.40325	.000	1

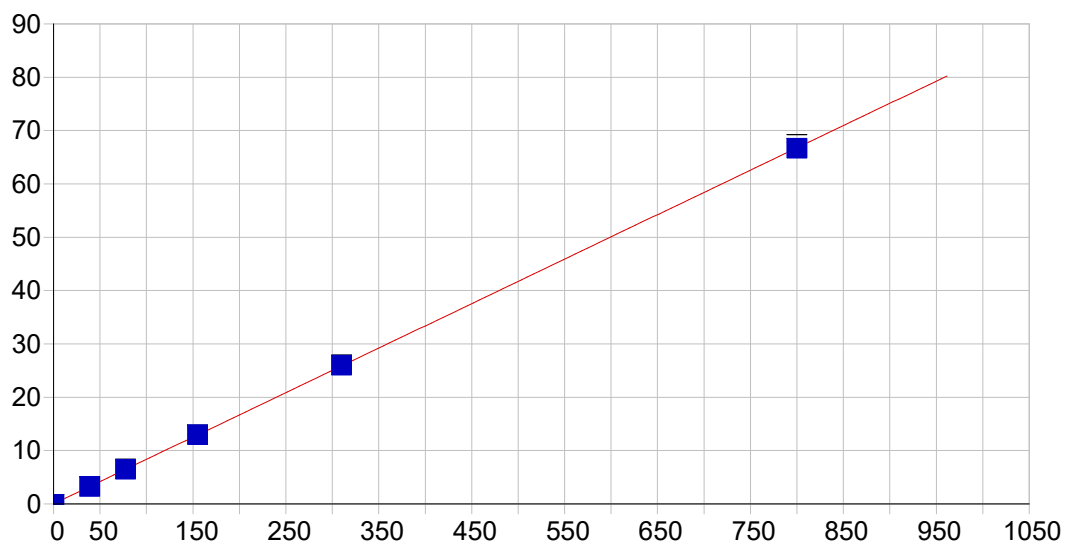


Sb 206.833 {463}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000369	Re-Slope:	1.000000
A1 (Gain):	0.126687	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.001760		
Predicted MQL:	0.005867		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00037	.000	1
S1	.06000	.06749	.007	12.5	.00893	.000	1
S2	1.2500	1.2384	-.012	-.930	.16455	.001	1
S3	2.5000	2.4689	-.031	-1.24	.32773	.000	1
S4	5.0000	4.9360	-.064	-1.28	.65486	.000	1
S5	10.000	10.100	.100	.996	1.3382	.001	1

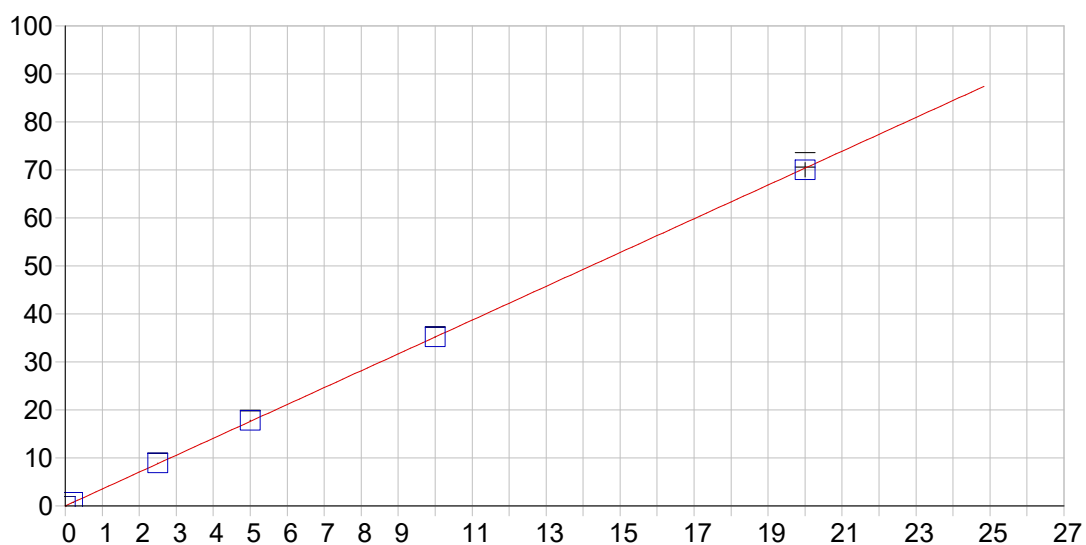


AI 396.152 { 85}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003041	Re-Slope:	1.000000
A1 (Gain):	0.083442	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000156		
Predicted MDL:	0.010216		
Predicted MQL:	0.034054		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00304	.000	1
S1	.20000	.22199	.022	11.0	.02185	.000	1
S2	38.750	38.514	-.236	-.610	3.2232	.010	1
S3	77.500	77.452	-.048	-.061	6.4788	.043	1
S4	155.00	154.96	-.038	-.024	12.959	.024	1
S5	310.00	311.46	1.46	.471	26.044	.068	1
S6	800.00	798.84	-1.16	-.145	66.702	.694	1

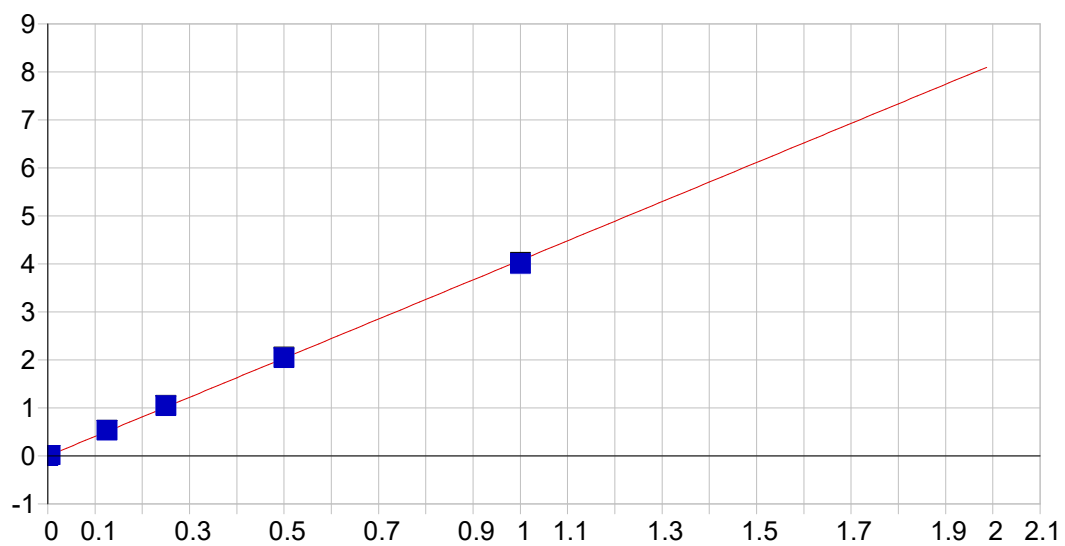


Ba 493.409 { 68}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004652	Re-Slope:	1.000000
A1 (Gain):	3.518665	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.003077		
Predicted MDL:	0.000550		
Predicted MQL:	0.001833		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00459	.002	1
S1	.20000	.21375	.014	6.87	.75676	.003	1
S2	2.5000	2.5347	.035	1.39	8.9235	.026	1
S3	5.0000	5.0559	.056	1.12	17.795	.078	1
S4	10.000	9.9952	-.005	-.048	35.174	.067	1
S5	20.000	19.900	-.100	-.498	70.027	1.49	1

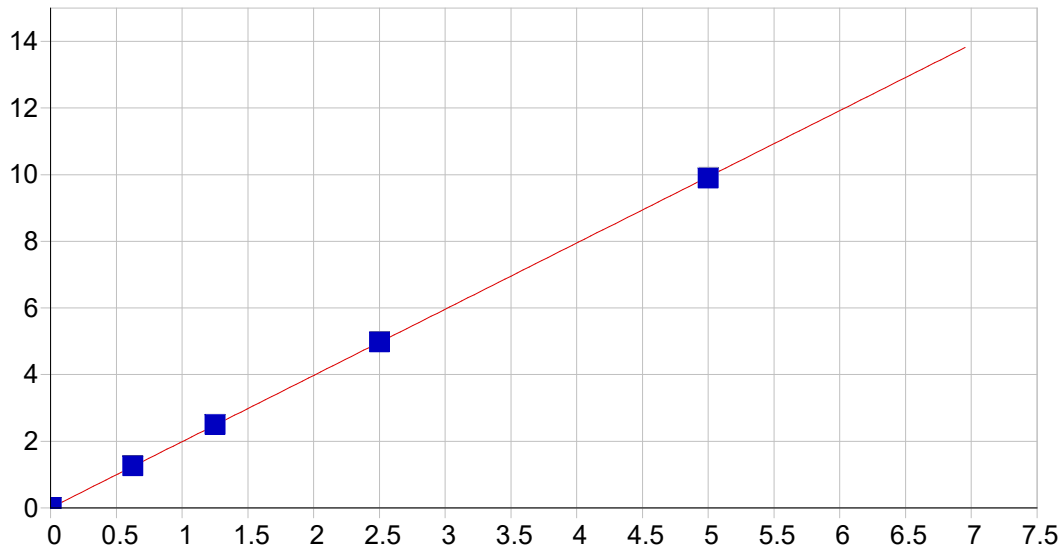


Be 234.861 {144}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001226	Re-Slope:	1.000000
A1 (Gain):	4.075837	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999770	Status:	OK.
Std Error of Est:	0.000327		
Predicted MDL:	0.000075		
Predicted MQL:	0.000251		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00123	.000	1
S1	.00500	.00575	.001	15.0	.02220	.000	1
S2	.12500	.13105	.006	4.84	.53123	.004	1
S3	.25000	.25685	.007	2.74	1.0423	.010	1
S4	.50000	.50232	.002	.465	2.0394	.012	1
S5	1.0000	.98402	-.016	-1.60	3.9959	.026	1

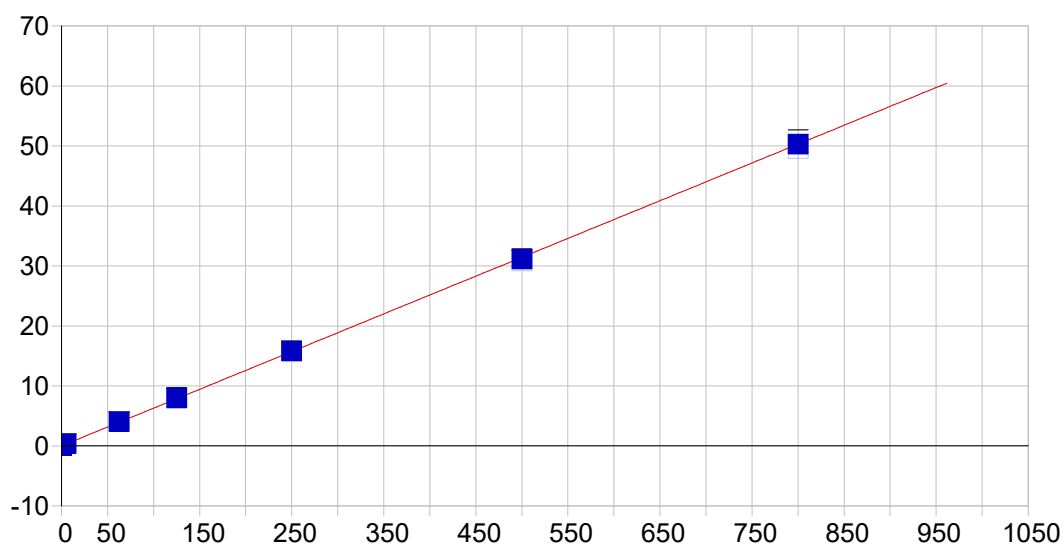


Cd 214.438 {457}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000288	Re-Slope:	1.000000
A1 (Gain):	1.987239	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.000101		
Predicted MQL:	0.000335		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.00500	.00541	.000	8.21	.01105	.000	1
S2	.62500	.63243	.007	1.19	1.2590	.001	1
S3	1.2500	1.2585	.008	.678	2.5050	.004	1
S4	2.5000	2.5043	.004	.172	4.9846	.004	1
S5	5.0000	4.9794	-.021	-.412	9.9108	.013	1

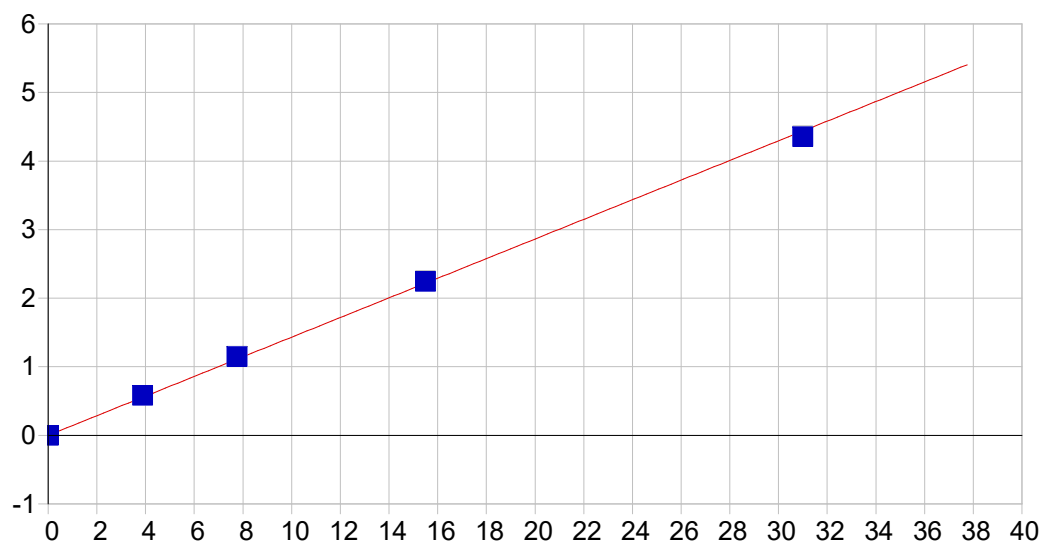


Ca 373.690 { 90}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.062871 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.002253
 Predicted MDL: 0.011784
 Predicted MQL: 0.039281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00061	-.001	.000	-.00003	.000	1
S1	5.0000	5.4109	.411	8.22	.34010	.001	1
S2	62.500	64.257	1.76	2.81	4.0047	.012	1
S3	125.00	127.15	2.15	1.72	7.9237	.025	1
S4	250.00	251.19	1.19	.478	15.652	.011	1
S5	500.00	494.63	-5.37	-1.07	30.817	.085	1
S6	800.00	799.86	-.144	-.018	49.538	.711	1

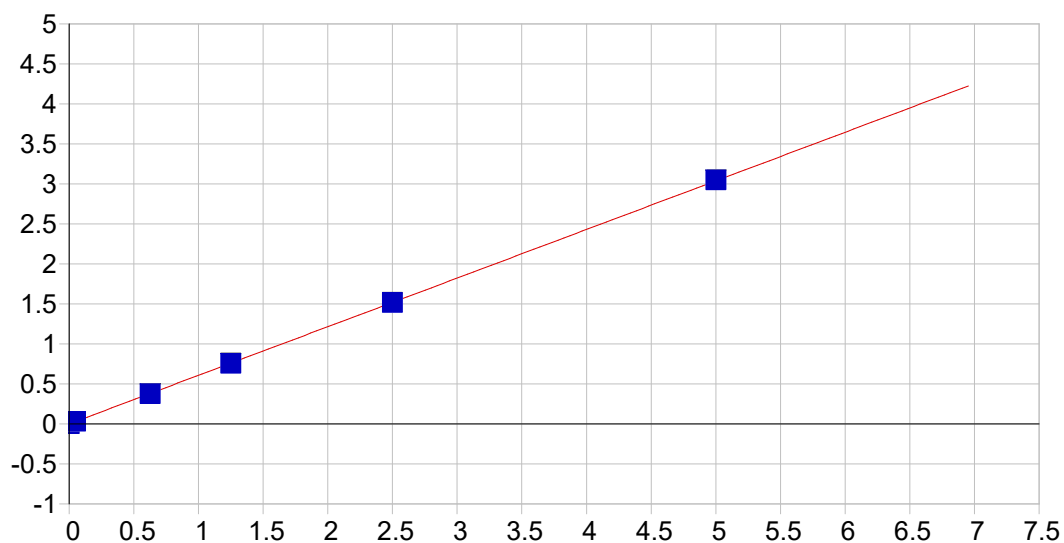


Cr 267.716 {126}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.143168 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.000525
 Predicted MQL: 0.001750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.01149	.001	14.9	.00162	.000	1
S2	3.8750	4.0589	.184	4.74	.58176	.003	1
S3	7.7500	8.0215	.271	3.50	1.1498	.004	1
S4	15.500	15.656	.156	1.01	2.2442	.003	1
S5	31.000	30.387	-.613	-1.98	4.3559	.008	1

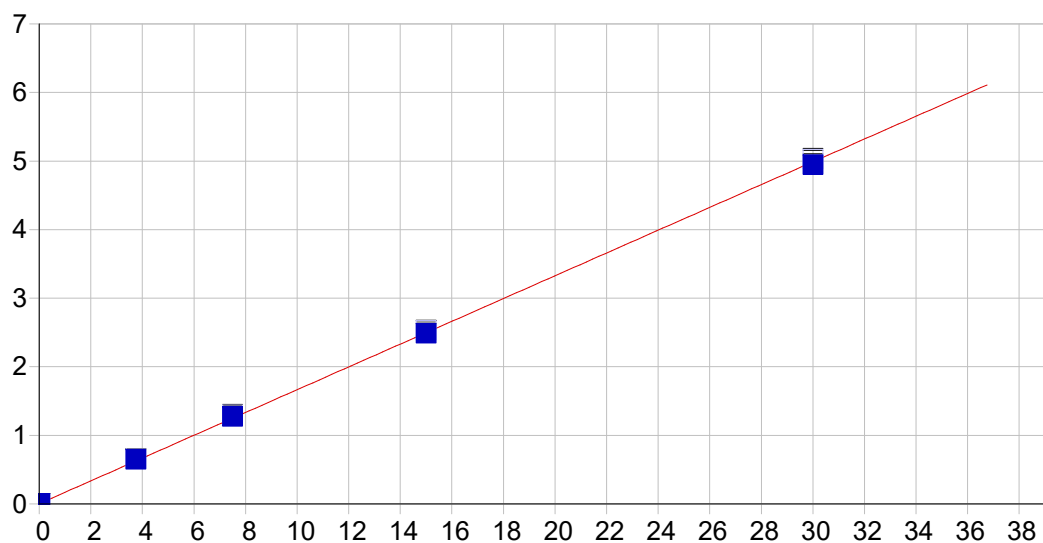


Co 228.616 {448}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000271 Re-Slope: 1.000000
 A1 (Gain): 0.607657 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000316
 Predicted MQL: 0.001052

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.05000	.05146	.001	2.93	.03111	.000	1
S2	.62500	.61920	-.006	-.928	.37659	.000	1
S3	1.2500	1.2437	-.006	-.502	.75669	.002	1
S4	2.5000	2.4940	-.006	-.241	1.5176	.001	1
S5	5.0000	5.0166	.017	.333	3.0530	.003	1

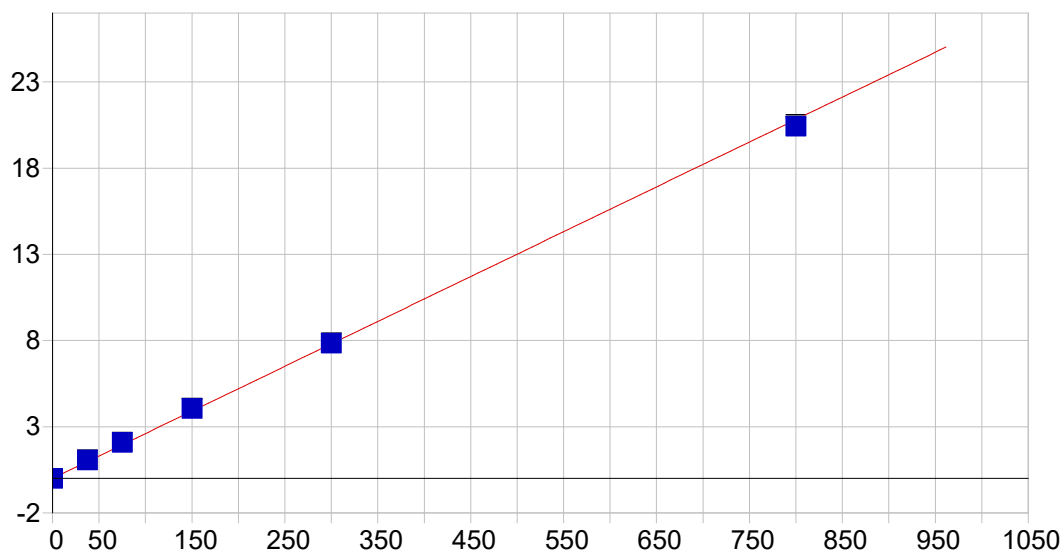


Cu 324.754 {104}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003622	Re-Slope:	1.000000
A1 (Gain):	0.166171	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.000103		
Predicted MDL:	0.002802		
Predicted MQL:	0.009339		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00362	.001	1
S1	.02500	.02481	-.000	-.774	.00857	.000	1
S2	3.7500	3.8861	.136	3.63	.65936	.004	1
S3	7.5000	7.6553	.155	2.07	1.2957	.009	1
S4	15.000	14.952	-.048	-.319	2.5282	.006	1
S5	30.000	29.757	-.243	-.811	5.0283	.014	1

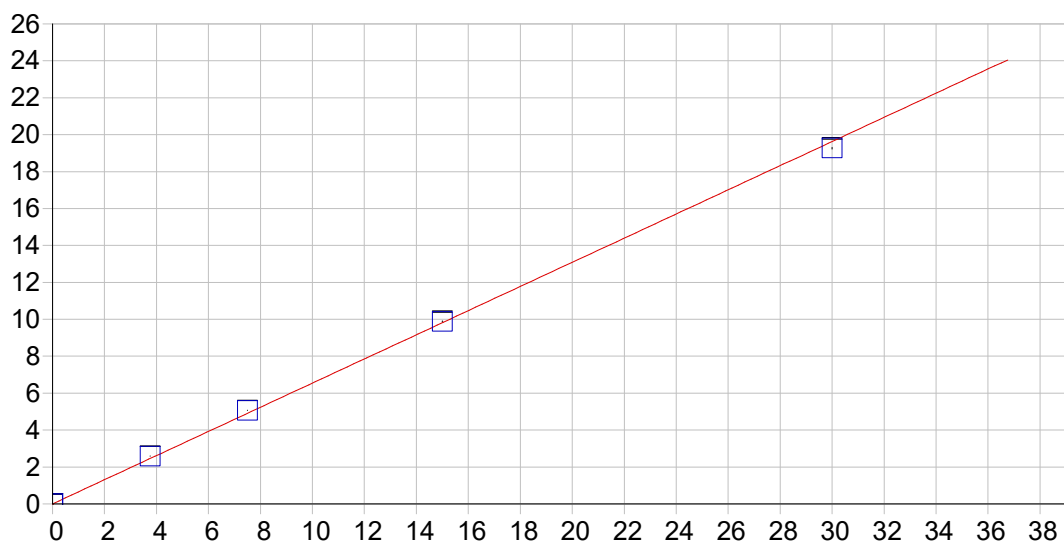


Fe 259.837 {130}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000086	Re-Slope:	1.000000
A1 (Gain):	0.026026	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999573	Status:	OK.
Std Error of Est:	0.000333		
Predicted MDL:	0.008896		
Predicted MQL:	0.029653		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00008	.000	1
S1	.10000	.11435	.014	14.4	.00317	.000	1
S2	37.500	40.931	3.43	9.15	1.0674	.004	1
S3	75.000	80.064	5.06	6.75	2.0879	.007	1
S4	150.00	155.62	5.62	3.75	4.0583	.014	1
S5	300.00	301.23	1.23	.409	7.8560	.020	1
S6	800.00	784.63	-15.4	-1.92	20.447	.084	1

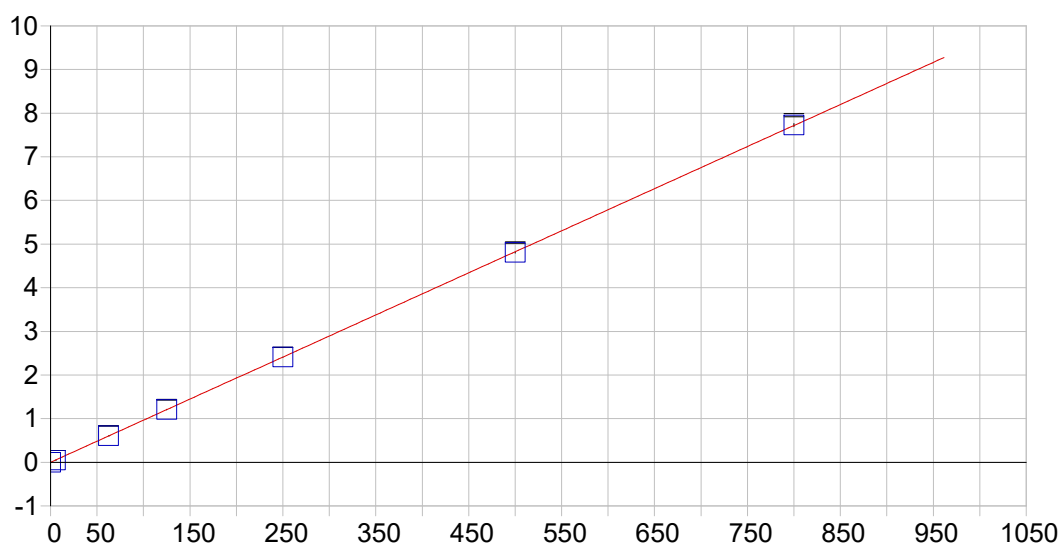


Mn 257.610 {131}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000449	Re-Slope:	1.000000
A1 (Gain):	0.654325	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999733	Status:	OK.
Std Error of Est:	0.000538		
Predicted MDL:	0.000403		
Predicted MQL:	0.001344		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.01500	.01713	.002	14.2	.01166	.000	1
S2	3.7500	3.9538	.204	5.44	2.5875	.010	1
S3	7.5000	7.7463	.246	3.28	5.0690	.006	1
S4	15.000	15.096	.096	.637	9.8778	.036	1
S5	30.000	29.452	-.548	-1.83	19.272	.042	1

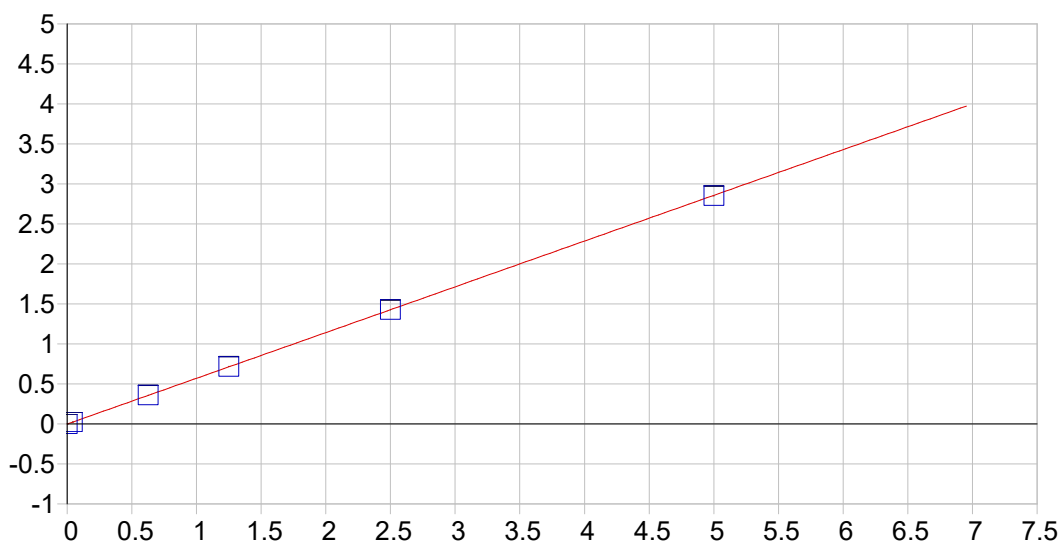


Mg 279.079 {121}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000114	Re-Slope:	1.000000
A1 (Gain):	0.009647	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000140		
Predicted MDL:	0.028829		
Predicted MQL:	0.096097		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00035	-.000	.000	-.00012	.000	1
S1	5.0000	5.3330	.333	6.66	.05133	.001	1
S2	62.500	62.815	.315	.504	.60584	.003	1
S3	125.00	125.25	.254	.203	1.2082	.006	1
S4	250.00	249.54	-.460	-.184	2.4071	.006	1
S5	500.00	498.60	-1.40	-.279	4.8098	.013	1
S6	800.00	800.95	.955	.119	7.7265	.035	1

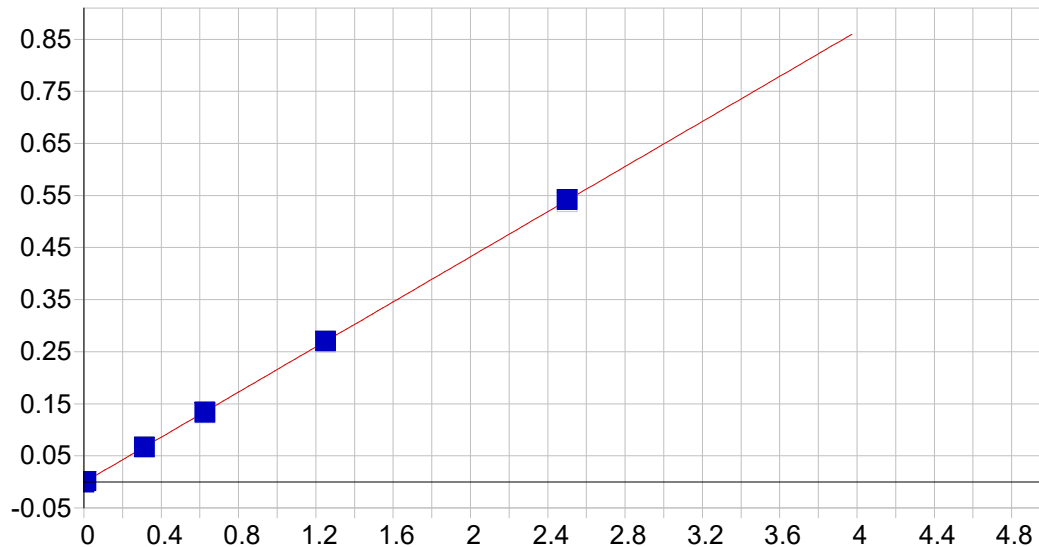


Ni 231.604 {446}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001178 Re-Slope: 1.000000
 A1 (Gain): 0.571593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000436
 Predicted MQL: 0.001453

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00118	.000	1
S1	.04000	.04286	.003	7.15	.02332	.000	1
S2	.62500	.62848	.003	.557	.35806	.001	1
S3	1.2500	1.2560	.006	.483	.71676	.002	1
S4	2.5000	2.4987	-.001	-.052	1.4271	.003	1
S5	5.0000	4.9889	-.011	-.221	2.8505	.003	1

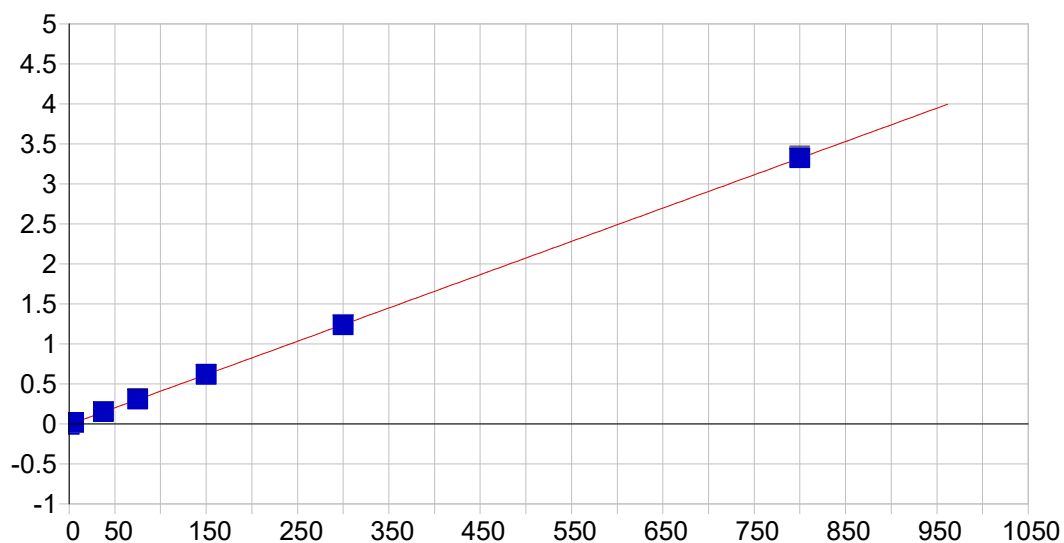


Ag 328.068 {103}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000795	Re-Slope:	1.000000
A1 (Gain):	0.216577	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.000565		
Predicted MQL:	0.001883		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00080	.000	1
S1	.01000	.01092	.001	9.16	.00155	.000	1
S2	.31250	.31151	-.001	-.316	.06609	.000	1
S3	.62500	.61917	-.006	-.933	.13214	.001	1
S4	1.2500	1.2499	-.000	-.009	.26758	.000	1
S5	2.5000	2.5060	.006	.240	.53731	.000	1

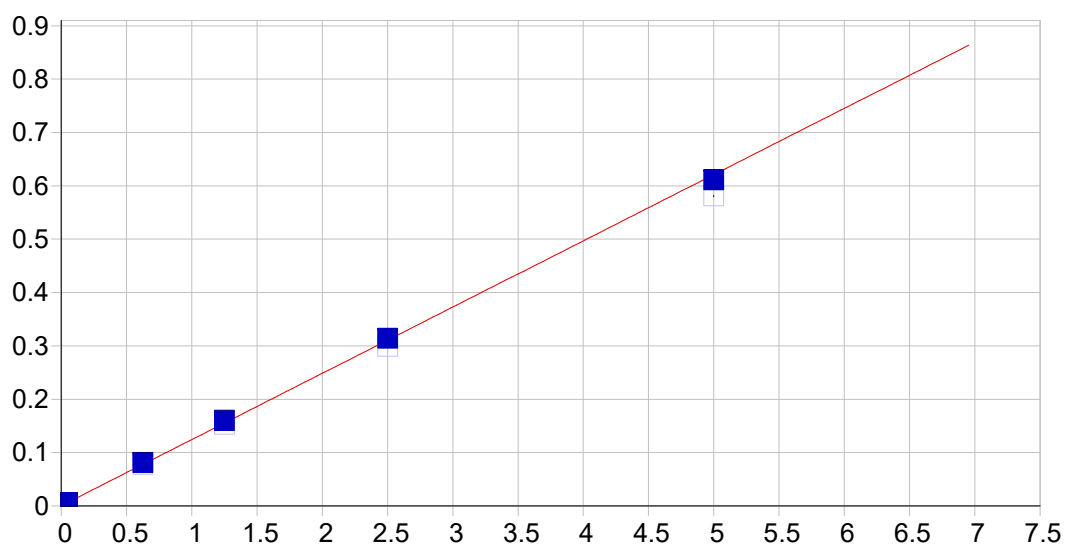


Na 818.326 { 41}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.007371	Re-Slope:	1.000000
A1 (Gain):	0.004162	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000099		
Predicted MDL:	0.303450		
Predicted MQL:	1.011500		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00063	-.001	.000	-.00737	.000	1
S1	5.0000	5.5440	.544	10.9	.01570	.002	1
S2	37.500	38.029	.529	1.41	.15160	.001	1
S3	75.000	75.642	.642	.856	.30884	.003	1
S4	150.00	149.91	-.087	-.058	.61934	.002	1
S5	300.00	298.38	-1.62	-.538	1.2400	.006	1
S6	800.00	799.99	-.011	-.001	3.3370	.012	1

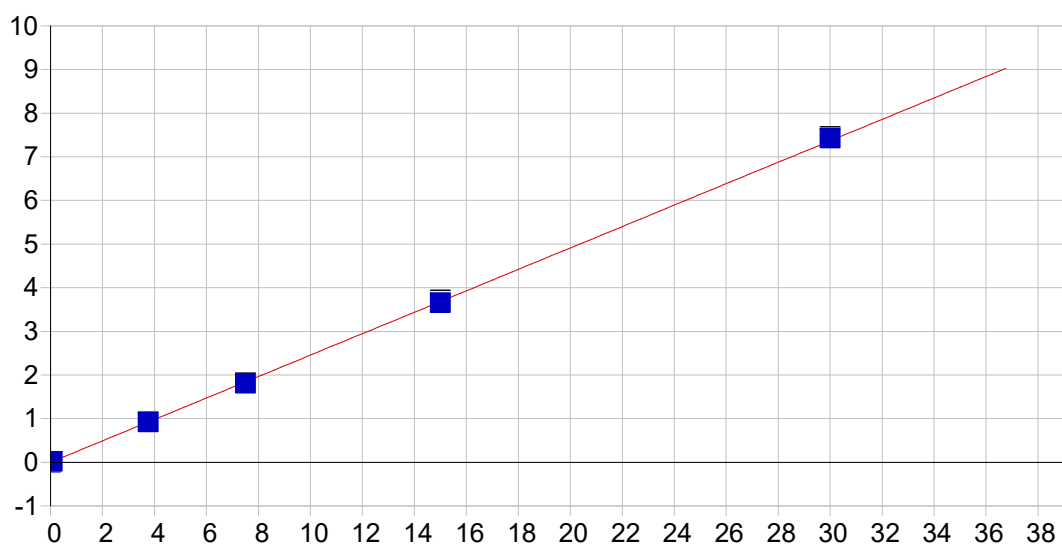


V 292.402 {115}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000185	Re-Slope:	1.000000
A1 (Gain):	0.124176	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999773	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.002924		
Predicted MQL:	0.009747		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00018	.000	1
S1	.05000	.05321	.003	6.43	.00678	.000	1
S2	.62500	.65086	.026	4.14	.07729	.000	1
S3	1.2500	1.2838	.034	2.71	.15216	.001	1
S4	2.5000	2.5228	.023	.911	.29857	.001	1
S5	5.0000	4.9142	-.086	-1.72	.58064	.001	1

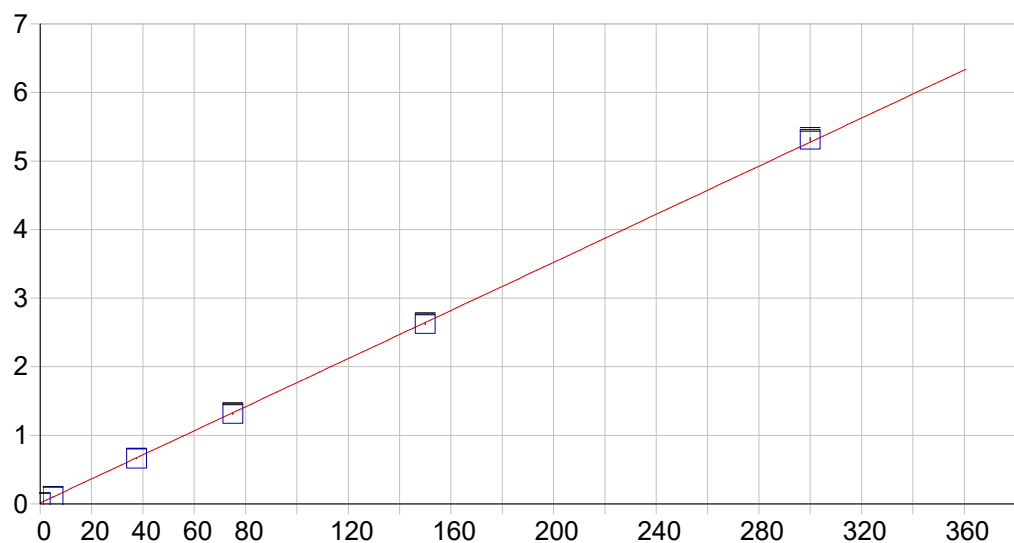


Zn 213.856 {158}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.245542 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000226
 Predicted MDL: 0.002266
 Predicted MQL: 0.007552

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00010	.000	1
S1	.06000	.07594	.016	26.6	.01879	.000	1
S2	3.7500	3.7416	-.008	-.224	.92033	.004	1
S3	7.5000	7.3607	-.139	-1.86	1.8105	.006	1
S4	15.000	14.897	-.103	-.690	3.6638	.054	1
S5	30.000	30.235	.235	.784	7.4361	.028	1

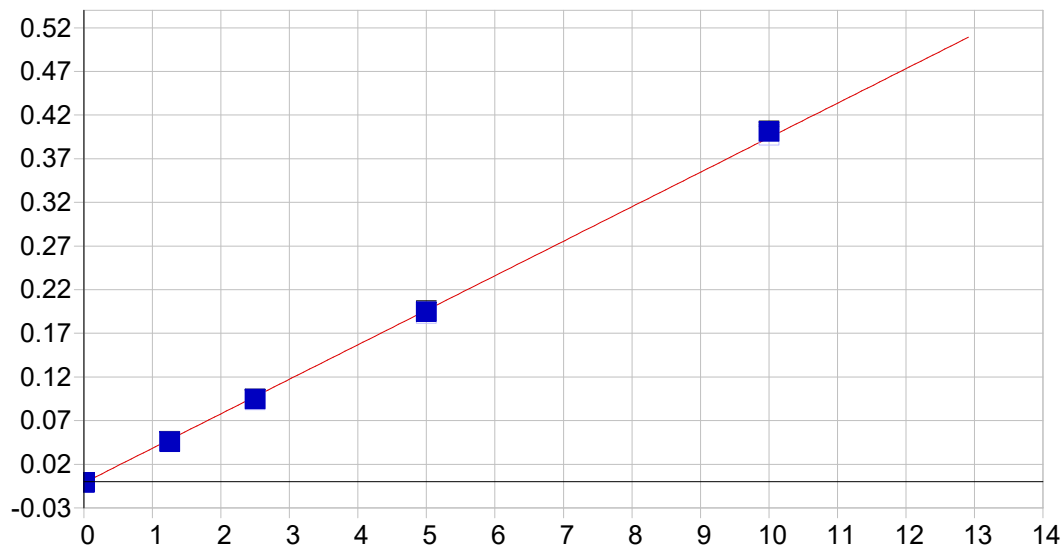


K 769.896 { 44 }

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014407 Re-Slope: 1.000000
 A1 (Gain): 0.017541 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000318
 Predicted MDL: 0.079117
 Predicted MQL: 0.263724

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01441	.003	1
S1	5.0000	5.1529	.153	3.06	.10479	.001	1
S2	37.500	36.998	-.502	-1.34	.66338	.003	1
S3	75.000	74.226	-.774	-1.03	1.3164	.012	1
S4	150.00	148.90	-1.10	-.735	2.6262	.013	1
S5	300.00	302.22	2.22	.742	5.3156	.026	1

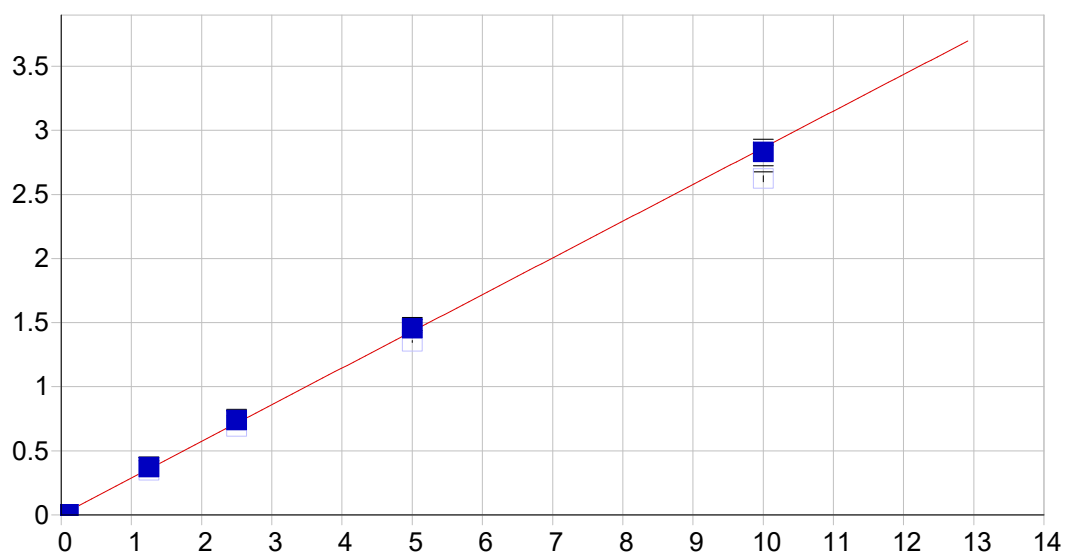


P 177.495 {490}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001241	Re-Slope:	1.000000
A1 (Gain):	0.039530	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999765	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.002808		
Predicted MQL:	0.009358		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00124	.000	1
S1	.01000	.01134	.001	13.4	-.00079	.000	1
S2	1.2500	1.1941	-.056	-4.47	.04541	.000	1
S3	2.5000	2.4209	-.079	-3.17	.09335	.000	1
S4	5.0000	4.9581	-.042	-.838	.19254	.001	1
S5	10.000	10.176	.176	1.76	.39657	.001	1

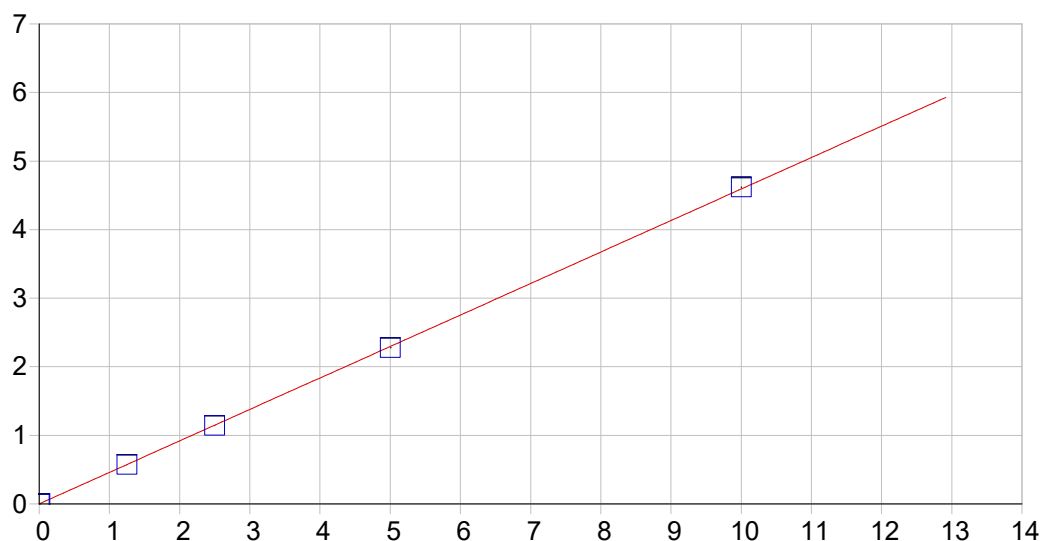


B 249.678 {135}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001008	Re-Slope:	1.000000
A1 (Gain):	0.286289	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997337	Status:	OK.
Std Error of Est:	0.001032		
Predicted MDL:	0.001219		
Predicted MQL:	0.004065		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00103	.000	1
S1	.10000	.01076	-.089	-89.2	.00403	.000	1
S2	1.2500	1.2964	.046	3.71	.34619	.001	1
S3	2.5000	2.5807	.081	3.23	.68788	.006	1
S4	5.0000	5.0838	.084	1.68	1.3525	.007	1
S5	10.000	9.8852	-.115	-1.15	2.6232	.023	1

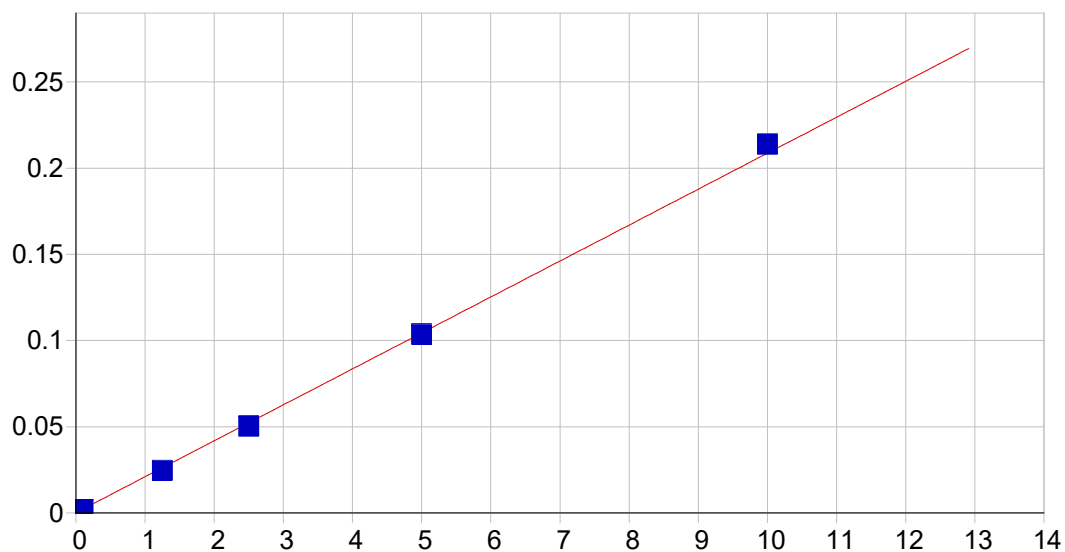


Mo 202.030 {467}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000381 Re-Slope: 1.000000
 A1 (Gain): 0.459090 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.000377
 Predicted MQL: 0.001256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.01000	.01079	.001	7.85	.00533	.000	1
S2	1.2500	1.2450	-.005	-.397	.57197	.001	1
S3	2.5000	2.4860	-.014	-.560	1.1417	.001	1
S4	5.0000	4.9586	-.041	-.828	2.2768	.000	1
S5	10.000	10.060	.060	.596	4.6186	.006	1

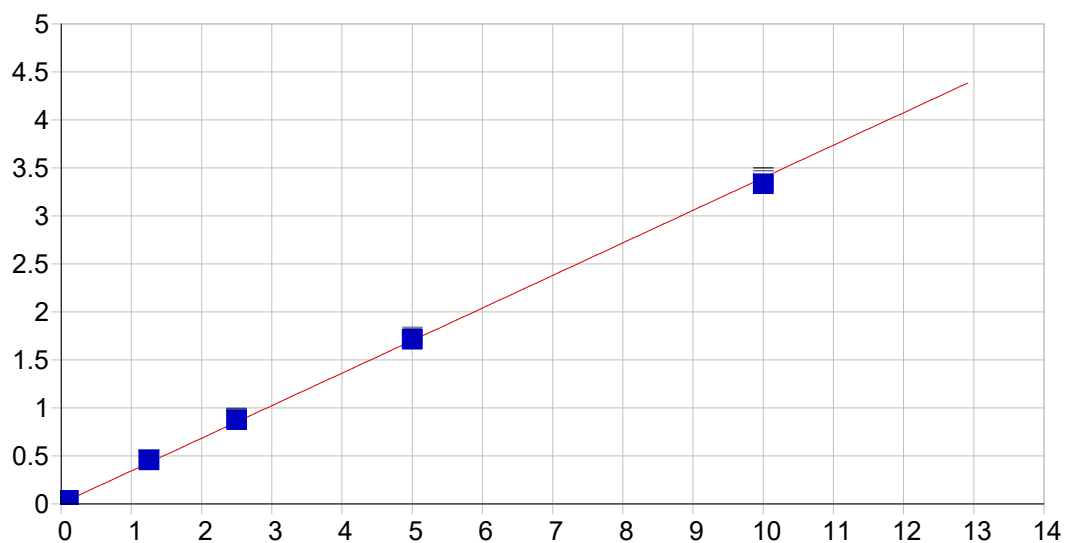


S 182.034 {485}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000152	Re-Slope:	1.000000
A1 (Gain):	0.020854	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999586	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.005081		
Predicted MQL:	0.016935		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00015	.000	1
S1	.10000	.09773	-.002	-2.27	.00219	.000	1
S2	1.2500	1.1714	-.079	-6.29	.02464	.000	1
S3	2.5000	2.3942	-.106	-4.23	.05019	.000	1
S4	5.0000	4.9482	-.052	-1.04	.10356	.000	1
S5	10.000	10.238	.238	2.38	.21410	.000	1

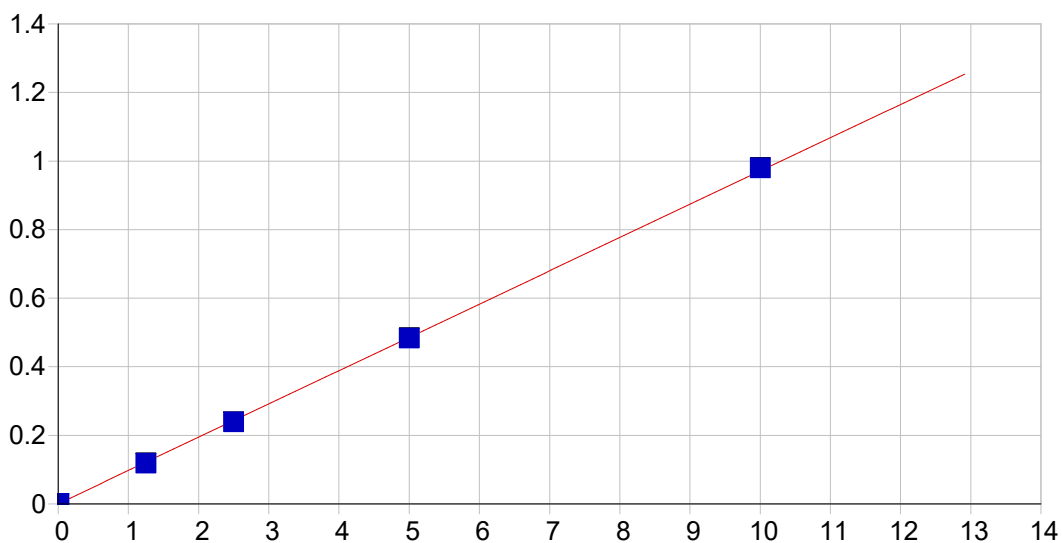


Si 251.611 {134}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005446 Re-Slope: 1.000000
 A1 (Gain): 0.339147 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000432
 Predicted MDL: 0.001103
 Predicted MQL: 0.003678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00544	.001	1
S1	.10000	.10480	.005	4.80	.04111	.000	1
S2	1.2500	1.3276	.078	6.21	.45944	.002	1
S3	2.5000	2.5697	.070	2.79	.88444	.011	1
S4	5.0000	5.0371	.037	.742	1.7288	.007	1
S5	10.000	9.8109	-.189	-1.89	3.3628	.032	1

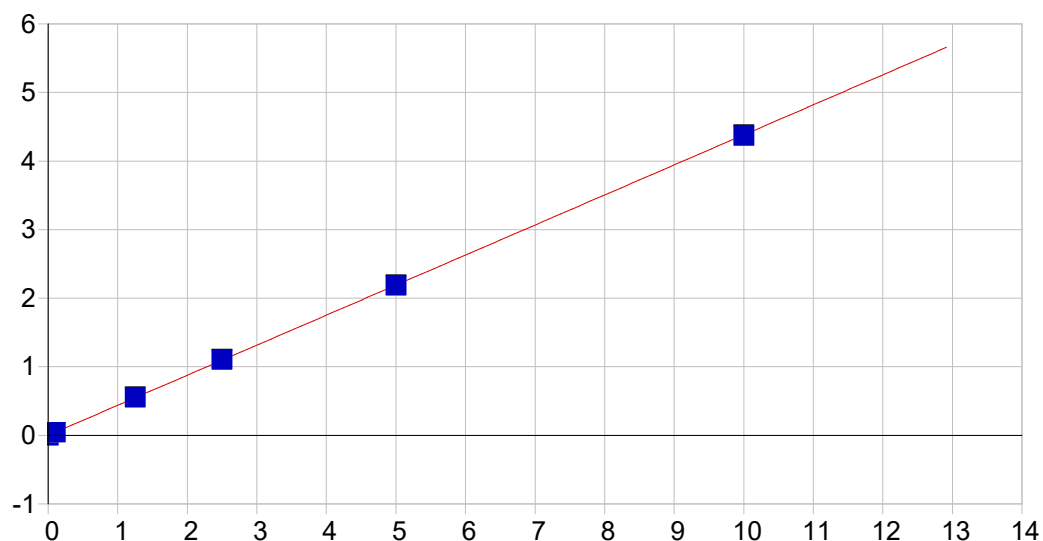


Sn 189.989 {478}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000375	Re-Slope:	1.000000
A1 (Gain):	0.097070	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.001184		
Predicted MQL:	0.003948		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.00700	.00592	-.001	-15.4	.00093	.000	1
S2	1.2500	1.2215	-.029	-2.28	.11869	.000	1
S3	2.5000	2.4623	-.038	-1.51	.23889	.001	1
S4	5.0000	4.9781	-.022	-.438	.48259	.001	1
S5	10.000	10.089	.089	.891	.97771	.001	1

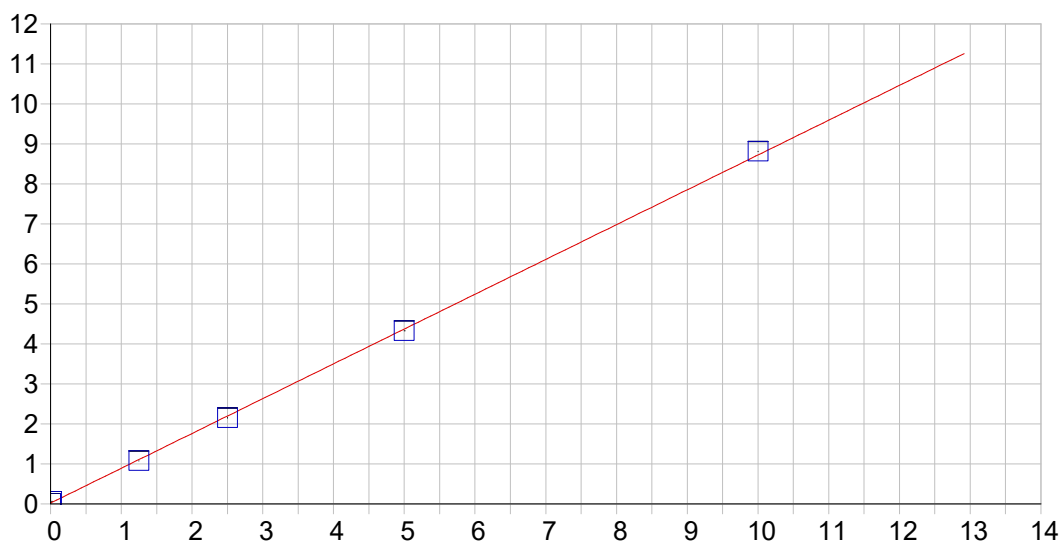


Ti 336.121 {100}

Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000269	Re-Slope:	1.000000
A1 (Gain):	0.438135	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000121		
Predicted MDL:	0.001229		
Predicted MQL:	0.004096		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.10000	.10169	.002	1.69	.04481	.001	1
S2	1.2500	1.2673	.017	1.39	.55534	.003	1
S3	2.5000	2.5190	.019	.762	1.1036	.006	1
S4	5.0000	4.9875	-.012	-.249	2.1847	.005	1
S5	10.000	9.9744	-.026	-.256	4.3689	.012	1

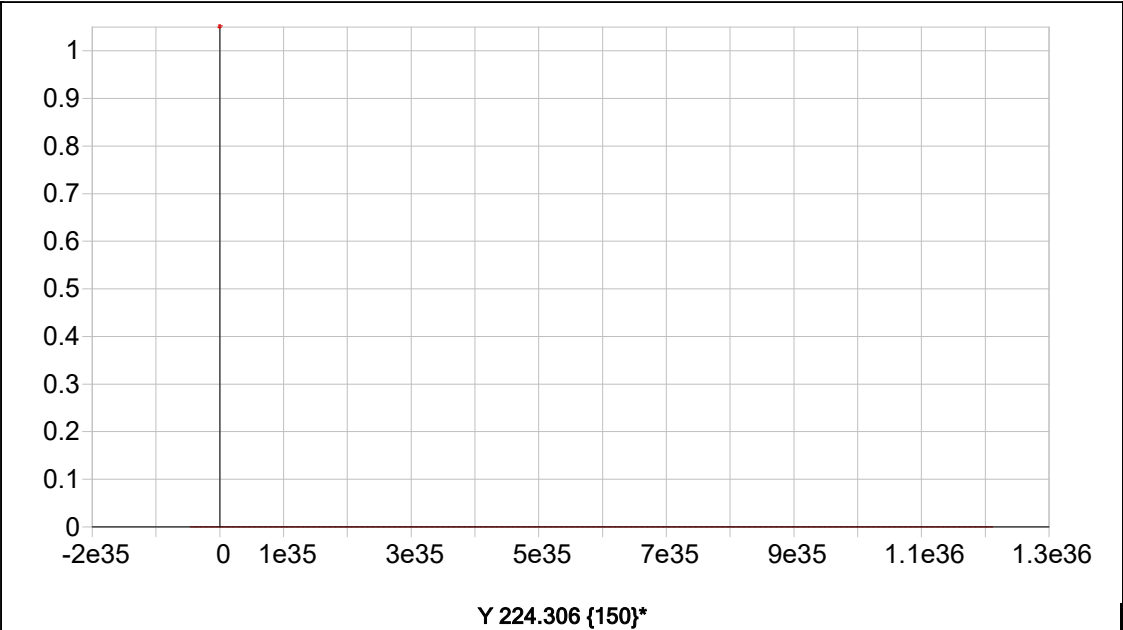


Li 670.784 { 50}

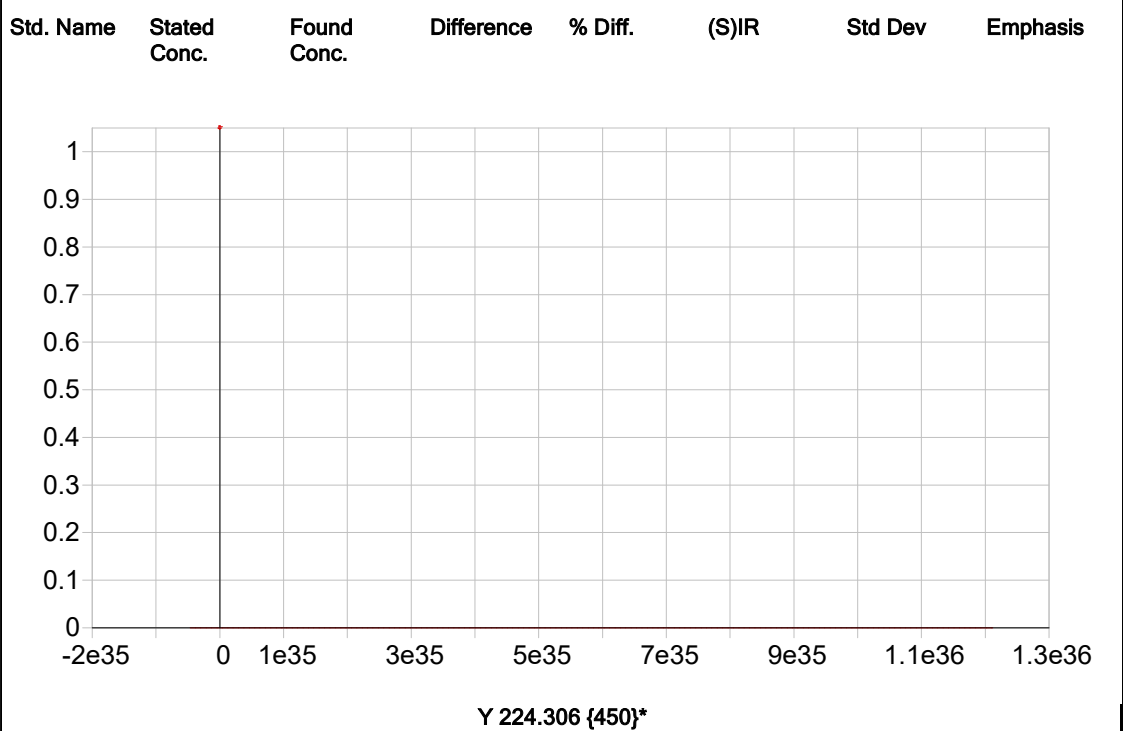
Date of Fit: 12/05/2019 18:29:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020326 Re-Slope: 1.000000
 A1 (Gain): 0.870267 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998081 Status: OK.
 Std Error of Est: 0.001109
 Predicted MDL: 0.001791
 Predicted MQL: 0.005970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02030	.000	1
S5	10.000	10.103	.103	1.03	8.8123	.002	1
S4	5.0000	4.9509	-.049	-.982	4.3289	.001	1
S3	2.5000	2.4498	-.050	-2.01	2.1523	.008	1
S2	1.2500	1.2146	-.035	-2.83	1.0774	.005	1
S1	.01500	.04708	.032	214.	.06130	.001	1



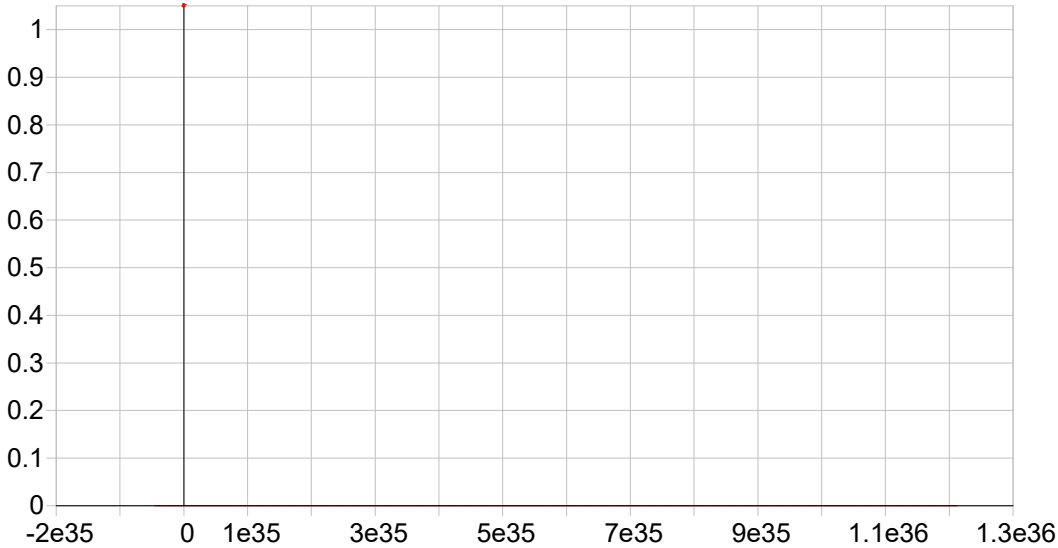
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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:WarningZero Gain

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



Y 360.073 { 94}*

Date of Fit:<not fit>

Type of Fit:Linear

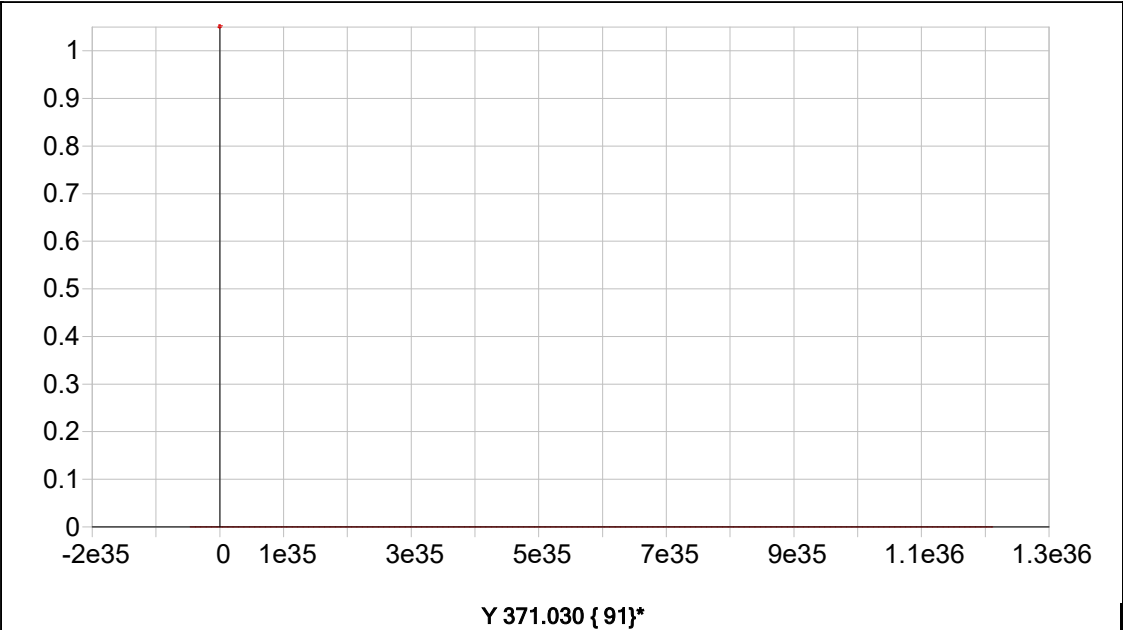
Weighting:1/Conc

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

Re-Slope: 1.000000
Y-int: 0.000000

Status:WarningZero Gain

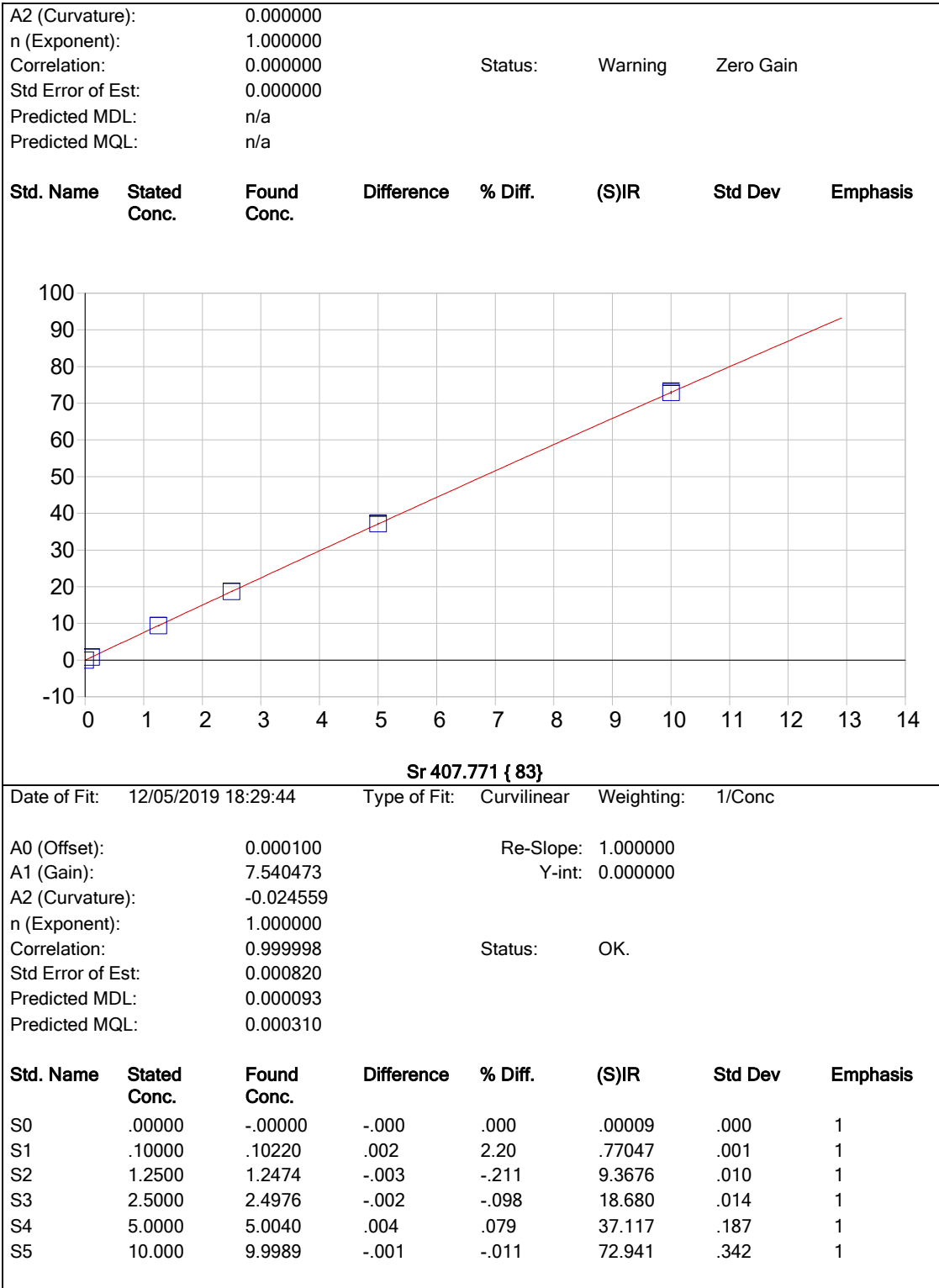
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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		



Sample Name: S0 Acquired: 12/05/2019 11:56:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	-.00032	-.00076	.00025	.00050	.00037	.00304	.00459	-.00123
Stddev	.00012	.00002	.00013	.00012	.00013	.00040	.00225	.00021
%RSD	35.508	2.4285	50.903	23.495	35.194	13.000	48.935	16.684

#1	-.00036	-.00077	.00038	.00054	.00041	.00314	.00425	-.00108
#2	-.00020	-.00074	.00023	.00059	.00047	.00260	.00253	-.00115
#3	-.00042	-.00077	.00013	.00037	.00022	.00337	.00699	-.00146

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	.00029	-.00003	-.00003	-.00027	.00362	.00008	.00045	-.00012
Stddev	.00001	.00047	.00007	.00009	.00061	.00016	.00010	.00039
%RSD	3.0648	1739.8	267.67	32.297	16.718	187.72	22.485	334.85

#1	.00028	.00040	-.00003	-.00035	.00303	.00023	.00052	.00013
#2	.00029	.00006	.00005	-.00018	.00424	-.00009	.00033	-.00057
#3	.00029	-.00054	-.00010	-.00029	.00359	.00011	.00049	.00009

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	-.00118	-.00080	-.00737	.00018	.00010	.01441	-.00124	.00103
Stddev	.00004	.00011	.00022	.00016	.00016	.00251	.00001	.00018
%RSD	3.3255	13.657	2.9941	87.442	161.91	17.426	1.0856	17.074

#1	-.00114	-.00072	-.00751	.00026	.00025	.01258	-.00125	.00084
#2	-.00118	-.00092	-.00712	.00029	-.00006	.01337	-.00123	.00108
#3	-.00122	-.00075	-.00750	-.00000	.00010	.01727	-.00125	.00118

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	.00038	.00015	.00544	.00038	.00027	.02030	.00009	
Stddev	.00023	.00009	.00069	.00007	.00038	.00031	.00013	
%RSD	59.396	60.222	12.600	19.959	140.68	1.5258	148.79	

#1	.00060	.00005	.00537	.00036	-.00014	.02065	-.00006	
#2	.00014	.00021	.00480	.00031	.00060	.02015	.00015	
#3	.00040	.00020	.00616	.00046	.00035	.02009	.00017	

Sample Name: S0 Acquired: 12/05/2019 11:56:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	1937.7	3256.5	49445.	8407.0	3875.9
Stddev	8.6	8.8	117.	33.3	5.2
%RSD	.44380	.27174	.23700	.39650	.13481
#1	1946.5	3250.9	49577.	8439.7	3870.3
#2	1929.3	3251.8	49354.	8408.2	3876.8
#3	1937.4	3266.7	49405.	8373.1	3880.6

Sample Name: PB125241BS Acquired: 12/05/2019 12:58:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS241 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174630	.0484113	.0182909	.0700148	.1148755	.3523748
Stddev	.0047299	.0012360	.0001632	.0024662	.0002522	.0035218
%RSD	27.08544	2.553111	.8923256	3.522456	.2195040	.9994347

#1	.0228246	.0477197	.0182217	.0678149	.1147725	.3522514
#2	.0156833	.0476758	.0184773	.0695486	.1146913	.3559566
#3	.0138810	.0498382	.0181737	.0726809	.1151629	.3489163

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3635286	.0093892	.0093636	9.224835	.0209161	.0908770
Stddev	.0006539	.0001413	.0000992	.043097	.0002317	.0001640
%RSD	.1798710	1.504955	1.059794	.4671869	1.107556	.1804774

#1	.3641728	.0093422	.0092778	9.198434	.0206771	.0910008
#2	.3628655	.0092775	.0094723	9.201504	.0209317	.0906910
#3	.3635476	.0095481	.0093408	9.274568	.0211396	.0909393

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444680	.1897919	.0292976	8.896016	.0763582	.0180048
Stddev	.0022783	.0068228	.0004546	.030049	.0000721	.0002797
%RSD	5.123522	3.594884	1.551758	.3377792	.0943663	1.553498

#1	.0454567	.1974062	.0297419	8.872427	.0763308	.0176890
#2	.0418623	.1842333	.0293175	8.885774	.0763038	.0182210
#3	.0460850	.1877364	.0288333	8.929847	.0764399	.0181045

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.691045	.0903310	.1166174	8.194828	.0225099	F .0204766
Stddev	.332272	.0025314	.0010171	.048542	.0027145	.0005901
%RSD	3.823149	2.802401	.8722009	.5923548	12.05906	2.881864

#1	8.646510	.0931938	.1154613	8.184759	.0251027	.0199533
#2	8.383287	.0883880	.1170162	8.152111	.0196883	.0211162
#3	9.043338	.0894114	.1173748	8.247616	.0227386	.0203602

Sample Name: PB125241BS Acquired: 12/05/2019 12:58:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS241 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188130	.1676446	.1689136	.0106681	.1894839	F .0850794
Stddev	.0002421	.0017702	.0021708	.0016826	.0011518	.0025835
%RSD	1.287024	1.055950	1.285141	15.77263	.6078816	3.036597

#1	.0189740	.1676263	.1680519	.0109703	.1896516	.0880521
#2	.0189304	.1658836	.1673061	.0088548	.1905426	.0838097
#3	.0185346	.1694240	.1713830	.0121791	.1882573	.0833765

Elem	Sr4077
Units	ppm
Avg	.1820659
Stddev	.0005902
%RSD	.3241470

#1	.1815404
#2	.1827044
#3	.1819528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.999	3261.661	53908.74	8756.668	3901.189
Stddev	8.579	7.219	49.84	25.683	3.139
%RSD	.4006776	.2213161	.0924457	.2933005	.0804729

#1	2145.881	3269.984	53854.37	8738.150	3898.377
#2	2146.023	3257.112	53919.59	8745.867	3900.613
#3	2131.094	3257.886	53952.25	8785.988	3904.576

Sample Name: S1 Acquired: 12/05/2019 12:00:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	.00007	.00092	.00223	.00205	.00893	.02185	.75676	.02220
Stddev	.00007	.00010	.00020	.00011	.00012	.00047	.00271	.00017
%RSD	102.46	11.226	9.1303	5.5260	1.3000	2.1665	.35756	.75921

#1	.00001	.00083	.00216	.00214	.00887	.02143	.75502	.02207
#2	.00006	.00091	.00207	.00192	.00885	.02176	.75538	.02239
#3	.00015	.00103	.00245	.00208	.00906	.02236	.75987	.02214

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	.01105	.34010	.00162	.03111	.00857	.00317	.01166	.05133
Stddev	.00017	.00140	.00004	.00011	.00044	.00010	.00029	.00052
%RSD	1.5574	.41203	2.1915	.35411	5.1461	3.0644	2.5152	1.0174

#1	.01110	.33860	.00159	.03124	.00857	.00306	.01170	.05100
#2	.01085	.34035	.00166	.03105	.00902	.00323	.01134	.05106
#3	.01118	.34137	.00161	.03104	.00813	.00322	.01192	.05193

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	.02332	.00155	.01570	.00678	.01879	.10479	-.00079	.00403
Stddev	.00016	.00004	.00161	.00028	.00048	.00050	.00007	.00019
%RSD	.68774	2.6075	10.254	4.0902	2.5777	.47977	9.3514	4.8057

#1	.02350	.00150	.01680	.00710	.01837	.10451	-.00075	.00420
#2	.02318	.00157	.01386	.00657	.01867	.10449	-.00075	.00408
#3	.02328	.00158	.01646	.00668	.01932	.10537	-.00088	.00382

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	.00533	.00219	.04111	.00093	.04481	.06130	.77047	
Stddev	.00005	.00012	.00030	.00005	.00100	.00058	.00148	
%RSD	.97147	5.2757	.72890	4.8627	2.2232	.94113	.19174	

#1	.00529	.00225	.04136	.00092	.04489	.06197	.76969	
#2	.00532	.00206	.04119	.00098	.04576	.06096	.77218	
#3	.00539	.00227	.04078	.00089	.04378	.06098	.76955	

Sample Name: S1 Acquired: 12/05/2019 12:00:52 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	1977.6	3250.9	50330.	8442.6	3914.1
Stddev	16.5	9.1	310.	24.5	9.3
%RSD	.83542	.27984	.61496	.28971	.23887
#1	1994.7	3241.4	50686.	8427.3	3905.1
#2	1961.7	3251.7	50130.	8429.7	3913.5
#3	1976.4	3259.5	50173.	8470.8	3923.8

Sample Name: S2 Acquired: 12/05/2019 12:04:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	.04297	.07722	1.0982	.05327	.16455	3.2232	8.9235	.53123
Stddev	.00017	.00012	.0020	.00014	.00060	.0101	.0258	.00360
%RSD	.39078	.15787	.18388	.25699	.36185	.31245	.28939	.67712

#1	.04312	.07720	1.0985	.05340	.16415	3.2254	8.9083	.53511
#2	.04279	.07711	1.0960	.05328	.16523	3.2320	8.9533	.53056
#3	.04299	.07735	1.1000	.05313	.16426	3.2122	8.9089	.52801

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	1.2590	4.0047	.58176	.37659	.65936	1.0674	2.5875	.60584
Stddev	.0008	.0116	.00255	.00012	.00362	.0041	.0104	.00342
%RSD	.06158	.29030	.43867	.03120	.54936	.38367	.40179	.56488

#1	1.2588	3.9955	.58277	.37657	.66285	1.0634	2.5799	.60436
#2	1.2583	4.0178	.58366	.37649	.65963	1.0716	2.5994	.60976
#3	1.2598	4.0010	.57886	.37672	.65562	1.0671	2.5834	.60341

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	.35806	.06609	.15160	.07729	.92033	.66338	.04541	.34619
Stddev	.00072	.00025	.00087	.00041	.00442	.00310	.00024	.00141
%RSD	.19993	.38471	.57098	.52748	.48013	.46670	.53472	.40801

#1	.35866	.06638	.15111	.07767	.91651	.66691	.04544	.34753
#2	.35727	.06598	.15260	.07732	.91931	.66113	.04515	.34632
#3	.35825	.06591	.15109	.07686	.92517	.66210	.04563	.34471

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	.57197	.02464	.45944	.11869	.55534	1.0774	9.3676
Stddev	.00086	.00013	.00196	.00025	.00288	.0052	.0102
%RSD	.15064	.51251	.42677	.21021	.51934	.47860	.10898

#1	.57109	.02478	.46170	.11864	.55234	1.0731	9.3608
#2	.57281	.02459	.45816	.11896	.55559	1.0831	9.3627
#3	.57201	.02454	.45846	.11847	.55809	1.0760	9.3793

Sample Name: S2 Acquired: 12/05/2019 12:04:58 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	1919.9	3142.0	49510.	8493.0	3702.6
Stddev	4.9	3.6	351.	48.5	2.1
%RSD	.25332	.11493	.70937	.57129	.05612
#1	1914.7	3144.6	49143.	8460.2	3700.2
#2	1924.4	3137.9	49545.	8470.0	3703.8
#3	1920.5	3143.6	49843.	8548.7	3703.7

Sample Name: S3 Acquired: 12/05/2019 12:08:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	.08609	.15467	2.2013	.10503	.32773	6.4788	17.795	1.0423
Stddev	.00046	.00031	.0026	.00037	.00035	.0428	.078	.0104
%RSD	.53570	.20320	.11799	.34847	.10625	.66021	.43735	.99764

#1	.08654	.15436	2.2004	.10534	.32791	6.4484	17.770	1.0303
#2	.08562	.15466	2.1992	.10512	.32733	6.5277	17.882	1.0493
#3	.08610	.15499	2.2042	.10462	.32795	6.4602	17.733	1.0473

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	2.5050	7.9237	1.1498	.75669	1.2957	2.0879	5.0690	1.2082
Stddev	.0038	.0255	.0037	.00152	.0087	.0072	.0060	.0057
%RSD	.15052	.32165	.32651	.20071	.67014	.34479	.11890	.47121

#1	2.5007	7.9286	1.1537	.75502	1.2937	2.0800	5.0635	1.2043
#2	2.5072	7.9464	1.1463	.75707	1.3052	2.0940	5.0755	1.2147
#3	2.5072	7.8962	1.1493	.75799	1.2882	2.0896	5.0682	1.2056

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	.71676	.13214	.30884	.15216	1.8105	1.3164	.09335	.68788
Stddev	.00164	.00093	.00284	.00105	.0059	.0123	.00022	.00568
%RSD	.22890	.70398	.92112	.69266	.32537	.93744	.23361	.82633

#1	.71492	.13124	.30741	.15116	1.8037	1.3124	.09310	.68143
#2	.71730	.13209	.31211	.15326	1.8133	1.3302	.09347	.69215
#3	.71807	.13310	.30699	.15206	1.8144	1.3065	.09348	.69007

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	1.1417	.05019	.88444	.23889	1.1036	2.1523	18.680
Stddev	.0013	.00027	.01054	.00087	.0059	.0079	.014
%RSD	.11544	.53074	1.1915	.36548	.53438	.36872	.07349

#1	1.1420	.04992	.87228	.23827	1.1092	2.1470	18.695
#2	1.1402	.05045	.89020	.23989	1.0974	2.1614	18.676
#3	1.1428	.05019	.89086	.23851	1.1041	2.1485	18.668

Sample Name: S3 Acquired: 12/05/2019 12:08:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	1889.5	3048.6	48923.	8392.0	3542.6
Stddev	10.9	5.1	117.	13.2	2.7
%RSD	.57894	.16660	.23947	.15721	.07572
#1	1902.1	3043.2	48868.	8387.0	3541.3
#2	1883.1	3049.6	49057.	8381.9	3540.8
#3	1883.2	3053.2	48843.	8406.9	3545.7

Sample Name: S4 Acquired: 12/05/2019 12:12:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	.17403	.30563	4.4709	.20615	.65486	12.959	35.174	2.0394
Stddev	.00016	.00049	.0035	.00048	.00046	.024	.067	.0121
%RSD	.09304	.15906	.07759	.23090	.07086	.18844	.19107	.59304

#1	.17390	.30547	4.4670	.20573	.65463	12.987	35.252	2.0259
#2	.17421	.30524	4.4726	.20667	.65540	12.940	35.141	2.0494
#3	.17399	.30617	4.4733	.20604	.65456	12.951	35.131	2.0429

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	4.9846	15.652	2.2442	1.5176	2.5282	4.0583	9.8778	2.4071
Stddev	.0039	.011	.0035	.0008	.0059	.0143	.0359	.0065
%RSD	.07777	.07171	.15522	.05170	.23120	.35166	.36308	.26936

#1	4.9817	15.665	2.2410	1.5167	2.5344	4.0622	9.8944	2.4095
#2	4.9831	15.646	2.2479	1.5182	2.5274	4.0425	9.8367	2.3998
#3	4.9890	15.645	2.2438	1.5179	2.5228	4.0703	9.9024	2.4121

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	1.4271	.26758	.61934	.29857	3.6638	2.6262	.19254	1.3525
Stddev	.0027	.00045	.00188	.00061	.0539	.0131	.00096	.0071
%RSD	.18619	.16881	.30372	.20568	1.4699	.49839	.50117	.52690

#1	1.4242	.26784	.62108	.29921	3.6975	2.6366	.19254	1.3445
#2	1.4274	.26785	.61960	.29799	3.6017	2.6305	.19350	1.3581
#3	1.4295	.26706	.61734	.29851	3.6923	2.6115	.19157	1.3551

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	2.2768	.10356	1.7288	.48259	2.1847	4.3289	37.117
Stddev	.0002	.00034	.0075	.00104	.0050	.0009	.187
%RSD	.00784	.32847	.43266	.21588	.23113	.02114	.50373

#1	2.2769	.10368	1.7203	.48175	2.1795	4.3280	36.928
#2	2.2766	.10382	1.7317	.48376	2.1851	4.3299	37.302
#3	2.2770	.10318	1.7343	.48227	2.1896	4.3289	37.122

Sample Name: S4 Acquired: 12/05/2019 12:12:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	1805.8	2918.1	47998.	8348.9	3332.1
Stddev	11.8	4.4	197.	26.6	6.1
%RSD	.65334	.15106	.41094	.31878	.18277
#1	1797.2	2921.8	47777.	8371.4	3338.5
#2	1819.3	2913.2	48156.	8319.5	3326.4
#3	1801.0	2919.2	48060.	8355.9	3331.4

Sample Name: S6 Acquired: 12/05/2019 12:20:38 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	66.702	49.538	20.447	7.7265	3.3370
Stddev	.694	.711	.084	.0345	.0120
%RSD	1.0401	1.4348	.41128	.44691	.36094

#1	66.803	49.453	20.479	7.7244	3.3457
#2	65.963	48.874	20.352	7.6931	3.3232
#3	67.339	50.287	20.511	7.7620	3.3420

Int. Std.	Y_3710
Units	Cts/S
Avg	8136.6
Stddev	59.0
%RSD	.72535

#1	8124.9
#2	8200.6
#3	8084.3

Sample Name: S5 Acquired: 12/05/2019 12:16:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	.35618	.59887	9.0310	.40325	1.3382	26.044	70.027	3.9959
Stddev	.00083	.00057	.0111	.00031	.0014	.068	1.485	.0262
%RSD	.23410	.09541	.12291	.07649	.10065	.26237	2.1213	.65533

#1	.35524	.59830	9.0307	.40302	1.3369	26.007	68.314	3.9722
#2	.35684	.59945	9.0201	.40360	1.3395	26.002	70.953	4.0240
#3	.35646	.59886	9.0423	.40313	1.3381	26.123	70.815	3.9916

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	9.9108	30.817	4.3559	3.0530	5.0283	7.8560	19.272	4.8098
Stddev	.0131	.085	.0081	.0031	.0140	.0198	.042	.0128
%RSD	.13213	.27717	.18619	.10109	.27910	.25216	.21858	.26693

#1	9.8983	30.730	4.3596	3.0512	5.0171	7.8336	19.226	4.7956
#2	9.9096	30.901	4.3615	3.0512	5.0237	7.8633	19.308	4.8131
#3	9.9244	30.819	4.3466	3.0565	5.0440	7.8712	19.281	4.8206

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	2.8505	.53731	1.2400	.58064	7.4361	5.3156	.39657	2.6232
Stddev	.0031	.00017	.0058	.00128	.0280	.0257	.00091	.0232
%RSD	.10950	.03134	.46754	.22111	.37627	.48332	.22836	.88528

#1	2.8469	.53715	1.2334	.57928	7.4426	5.2897	.39553	2.6016
#2	2.8521	.53749	1.2442	.58080	7.4604	5.3161	.39700	2.6478
#3	2.8524	.53730	1.2425	.58183	7.4055	5.3411	.39718	2.6204

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6186	.21410	3.3628	.97771	4.3689	8.8123	72.941
Stddev	.0062	.00013	.0323	.00097	.0117	.0021	.342
%RSD	.13439	.05971	.96175	.09963	.26881	.02405	.46953

#1	4.6129	.21422	3.3305	.97741	4.3588	8.8128	72.557
#2	4.6253	.21412	3.3952	.97692	4.3818	8.8099	73.052
#3	4.6177	.21397	3.3626	.97880	4.3662	8.8141	73.214

Sample Name: S5 Acquired: 12/05/2019 12:16:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	1699.4	2712.1	46940.	8238.1	3079.4
Stddev	2.0	2.1	101.	26.0	3.5
%RSD	.11802	.07766	.21534	.31547	.11464
#1	1699.4	2714.1	46863.	8267.0	3080.1
#2	1697.3	2712.2	47055.	8230.5	3082.5
#3	1701.3	2709.9	46903.	8216.7	3075.6

Sample Name: ICV Acquired: 12/05/2019 12:28:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	.9586135	1.044847	.9713740	1.035137	.9794125	2.495382
Stddev	.0083587	.002250	.0059809	.004157	.0024493	.017101
%RSD	.8719619	.2153296	.6157155	.4015762	.2500792	.6853025

#1	.9619313	1.047436	.9688791	1.030781	.9819465	2.480395
#2	.9491052	1.043740	.9670444	1.035569	.9770577	2.514010
#3	.9648040	1.043365	.9781984	1.039060	.9792334	2.491740

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070294	.5142298	.5115586	10.30539	.5411174	.5002031
Stddev	.0025240	.0028967	.0006318	.04851	.0023441	.0011506
%RSD	.4978046	.5633165	.1235119	.4707526	.4332013	.2300185

#1	.5050179	.5173265	.5110814	10.25614	.5413617	.5012552
#2	.5098616	.5137763	.5113194	10.35314	.5386606	.4989745
#3	.5062085	.5115865	.5122752	10.30690	.5433297	.5003796

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4711112	10.56463	.5086331	6.003643	.5082088	.2341252
Stddev	.0050020	.06628	.0033718	.031505	.0010705	.0007669
%RSD	1.061737	.6273791	.6629114	.5247591	.2106424	.3275603

#1	.4683055	10.48909	.5050699	5.985176	.5094445	.2348221
#2	.4768862	10.61304	.5117737	6.040020	.5076172	.2342500
#3	.4681420	10.59177	.5090556	5.985734	.5075646	.2333036

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.349462	.5097493	1.052605	9.085824	F .0064930	F 1.884016
Stddev	.280873	.0058636	.003891	.051705	.0006459	.008082
%RSD	3.004164	1.150281	.3696376	.5690780	9.947495	.4289640

#1	9.221819	.5035591	1.050422	9.037335	.0069734	1.888544
#2	9.155077	.5104690	1.057098	9.140236	.0057587	1.888817
#3	9.671489	.5152197	1.050297	9.079901	.0067468	1.874685

Sample Name: ICV Acquired: 12/05/2019 12:28:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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 1.863822	F -.002977	F 2.213666	F 1.816174	F 1.953856	F 1.942024
Stddev	.003783	.007314	.013289	.005228	.013296	.001870
%RSD	.2029720	245.7177	.6003314	.2878843	.6805050	.0962959
#1	1.868004	.001407	2.219914	1.814964	1.951708	1.944108
#2	1.862826	.001083	2.222680	1.811657	1.941765	1.940490
#3	1.860637	-.011420	2.198404	1.821902	1.968096	1.941475

Elem	Sr4077
Units	ppm
Avg	F 2.155187
Stddev	.001285
%RSD	.0596403
#1	2.155445
#2	2.156324
#3	2.153793

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.433	3260.542	52772.05	8663.636	3897.529
Stddev	8.876	3.235	130.75	21.702	8.314
%RSD	.4231640	.0992114	.2477611	.2504897	.2133089
#1	2088.422	3257.951	52678.60	8641.296	3901.239
#2	2106.166	3264.168	52921.47	8664.973	3903.342
#3	2097.711	3259.507	52716.09	8684.637	3888.006

Sample Name: ICSA Acquired: 12/05/2019 12:36:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	-.002192	.0045899	.0041763	-.011090	.0099050	222.5176
Stddev	.006173	.0039418	.0017918	.007886	.0019686	1.5696
%RSD	281.6461	85.87982	42.90389	71.10427	19.87517	.7054005

#1	.000473	.0036678	.0049822	-.014075	.0116193	222.1289
#2	.002201	.0089110	.0021231	-.017047	.0103406	224.2450
#3	-.009250	.0011909	.0054236	-.002148	.0077550	221.1788

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057062	.0008137	.0005291	232.7879	.0485532	-.000301
Stddev	.0007981	.0000481	.0001266	1.0427	.0001158	.000337
%RSD	13.98672	5.916651	23.92040	.4479258	.2385935	111.7041

#1	.0055769	.0008163	.0006752	231.7408	.0484333	.000084
#2	.0065610	.0007644	.0004590	233.8262	.0486645	-.000451
#3	.0049806	.0008606	.0004532	232.7967	.0485618	-.000538

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044846	95.45961	.0131110	238.9196	-.001308	-.004438
Stddev	.0025354	.57244	.0004189	1.3128	.000240	.000452
%RSD	56.53704	.5996660	3.194975	.5494844	18.34431	10.17809

#1	.0070486	95.33947	.0126596	238.4643	-.001117	-.004752
#2	.0019788	96.08259	.0131862	240.3995	-.001231	-.003920
#3	.0044263	94.95678	.0134871	237.8952	-.001578	-.004642

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.354982	.0027364	.0010366	-.060478	.0095665	F .1119547
Stddev	.161961	.0025069	.0027563	.023264	.0040322	.0016736
%RSD	45.62507	91.61408	265.8967	38.46615	42.14939	1.494877

#1	-.210392	.0055566	.0027576	-.085390	.0128733	.1135028
#2	-.529997	.0018913	.0024948	-.056725	.0107516	.1121822
#3	-.324556	.0007612	-.002142	-.039319	.0050745	.1101790

Sample Name: ICSA Acquired: 12/05/2019 12:36:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	-.000086	.0031386	-.004456	-.002488	-.001008	.0070496
Stddev	.000201	.0121451	.001097	.001118	.001441	.0014306
%RSD	232.6276	386.9622	24.62248	44.95273	142.9743	20.29307

#1	-.000297	-.010674	-.003321	-.002085	-.002605	.0054428
#2	-.000063	.012144	-.004536	-.001627	-.000616	.0075209
#3	.000102	.007946	-.005512	-.003752	.000196	.0081850

Elem	Sr4077
Units	ppm
Avg	.0931144
Stddev	.0002731
%RSD	.2932693

#1	.0928490
#2	.0930998
#3	.0933945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.333	3060.132	49899.01	8503.934	3484.751
Stddev	4.781	9.424	264.65	24.653	10.009
%RSD	.2408355	.3079551	.5303680	.2898969	.2872291

#1	1981.164	3050.947	50071.40	8517.403	3473.680
#2	1990.552	3069.777	50031.34	8518.918	3487.412
#3	1984.283	3059.672	49594.30	8475.481	3493.161

Sample Name: ICB Acquired: 12/05/2019 12:32:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	-.003604	.0017262	.0010439	-.000172	.0011191	-.010654	.0002923
Stddev	.004081	.0009708	.0009093	.002015	.0010265	.011480	.0002616
%RSD	113.2381	56.24232	87.10771	1168.617	91.72221	107.7507	89.48169

#1	-.000075	.0028016	.0020142	-.002136	.0020776	-.021043	.0005621
#2	-.002664	.0009143	.0002112	-.000272	.0012436	.001671	.0002749
#3	-.008073	.0014627	.0009063	.001890	.0000361	-.012590	.0000399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000266	-.000014	-.002067	.0002847	.0003147	.0023136	.0014023
Stddev	.0000417	.000097	.007122	.0000403	.0001598	.0016403	.0124775
%RSD	157.0817	700.1824	344.5245	14.16716	50.77628	70.89654	889.7818

#1	.0000745	.000098	-.005738	.0003239	.0003862	.0038241	.0157801
#2	.0000065	-.000062	-.006605	.0002434	.0001317	.0005688	-.004982
#3	-.000001	-.000078	.006141	.0002869	.0004264	.0025478	-.006591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000189	-.021546	.0000190	.0001442	.0371947	.0021514	-.000533
Stddev	.000308	.023956	.0004800	.0002473	.1079966	.0011925	.000935
%RSD	162.5872	111.1866	2520.107	171.4833	290.3546	55.42721	175.5256

#1	-.000276	-.043525	-.000355	.0003946	-.083015	.0007846	-.001490
#2	.000152	.003990	.000560	-.000100	.068568	.0029790	-.000486
#3	-.000445	-.025102	-.000148	.000138	.126031	.0026906	.000378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292174	.0022797	.0104499	.0001217	.0027367	-.001454	.0021206
Stddev	.0785093	.0008802	.0003416	.0002040	.0013066	.000507	.0008344
%RSD	268.7068	38.61213	3.269202	167.5858	47.74314	34.84941	39.34898

#1	.0751306	.0013783	.0105390	-.000004	.0027146	-.001575	.0013507
#2	-.061435	.0023236	.0100725	.000357	.0040541	-.001889	.0030073
#3	.073956	.0031372	.0107380	.000012	.0014413	-.000898	.0020038

Sample Name: ICB Acquired: 12/05/2019 12:32:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	.0007528	.0021011	.0001329
Stddev	.0004277	.0013098	.0000459
%RSD	56.80685	62.34105	34.58428

#1	.0012156	.0032903	.0001549
#2	.0006706	.0006971	.0000800
#3	.0003723	.0023158	.0001636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.271	3254.061	52934.11	8555.927	3887.765
Stddev	16.044	5.038	171.56	16.755	3.173
%RSD	.7609907	.1548210	.3241094	.1958283	.0816250

#1	2106.409	3251.806	53115.42	8561.697	3887.258
#2	2093.240	3250.543	52774.32	8569.035	3884.875
#3	2125.164	3259.832	52912.61	8537.050	3891.161

Sample Name: CCV088 Acquired: 12/05/2019 12:44:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.751005	4.806496	24.35128	4.638900	4.743479	383.4453	9.550420
Stddev	.003950	.007206	.05661	.009540	.005530	3.8953	.003496
%RSD	.0831505	.1499175	.2324620	.2056600	.1165829	1.015862	.0366090

#1	4.752857	4.798627	24.35211	4.649015	4.738549	385.4321	9.554228
#2	4.753690	4.812772	24.29427	4.637621	4.742429	378.9573	9.549677
#3	4.746469	4.808089	24.40747	4.630063	4.749459	385.9466	9.547355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4740014	2.437311	394.7147	14.98515	2.450908	13.81717	394.6558
Stddev	.0033047	.001950	.6817	.02576	.002036	.05100	.9106
%RSD	.6971955	.0799910	.1727152	.1718735	.0830549	.3690841	.2307272

#1	.4775133	2.437091	393.9321	14.95987	2.449715	13.85111	395.0124
#2	.4709528	2.435481	395.1799	14.98421	2.449751	13.84187	395.3342
#3	.4735380	2.439361	395.0320	15.01136	2.453259	13.75852	393.6209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.11691	385.8847	2.443053	1.183150	385.7571	2.356231	13.53924
Stddev	.03933	.4936	.002187	.002460	1.2922	.010743	.16323
%RSD	.2785816	.1279035	.0895065	.2078819	.3349741	.4559213	1.205626

#1	14.09559	386.1572	2.444449	1.185982	386.7201	2.351786	13.45792
#2	14.16229	386.1820	2.440533	1.181912	384.2886	2.368483	13.72716
#3	14.09284	385.3150	2.444177	1.181555	386.2627	2.348424	13.43264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	139.4553	4.898912	5.001233	4.746587	4.925948	4.672971	4.943167
Stddev	.8831	.012889	.029319	.001932	.012080	.034140	.001762
%RSD	.6332219	.2630911	.5862404	.0406941	.2452219	.7305742	.0356529

#1	140.4218	4.899253	5.032832	4.748329	4.933653	4.709109	4.941217
#2	138.6906	4.885856	4.974909	4.744510	4.912027	4.641262	4.943638
#3	139.2535	4.911627	4.995960	4.746923	4.932166	4.668543	4.944646

Sample Name: CCV088 Acquired: 12/05/2019 12:44:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV088 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.921734	4.917319	4.822610
Stddev	.021664	.000549	.027115
%RSD	.4401711	.0111557	.5622420

#1	4.900869	4.917869	4.817374
#2	4.920217	4.916772	4.798495
#3	4.944117	4.917318	4.851961

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.159	2852.748	48404.02	8385.038	3145.157
Stddev	8.125	.650	152.80	24.442	1.072
%RSD	.4405747	.0227697	.3156790	.2914913	.0340841

#1	1838.925	2852.872	48561.33	8360.207	3145.033
#2	1840.032	2852.045	48256.17	8409.071	3146.286
#3	1853.519	2853.327	48394.57	8385.835	3144.153

Sample Name: ICSAB Acquired: 12/05/2019 12:41:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	.0988216	.1240769	.0557854	.0399800	.6114452	235.6854
Stddev	.0015144	.0033378	.0014126	.0066046	.0042958	1.3051
%RSD	1.532458	2.690081	2.532192	16.51967	.7025717	.5537277

#1	.0976342	.1276520	.0553701	.0471775	.6144731	236.0084
#2	.1005270	.1210426	.0546271	.0341978	.6065286	234.2492
#3	.0983034	.1235360	.0573591	.0385648	.6133339	236.7987

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5134074	.5093796	1.018683	245.9704	.5783062	.5050736
Stddev	.0018891	.0027874	.001031	.1999	.0012997	.0006302
%RSD	.3679501	.5472065	.1011887	.0812891	.2247335	.1247706

#1	.5147548	.5091399	1.017496	246.1743	.5770528	.5052977
#2	.5112481	.5122791	1.019194	245.7747	.5782181	.5043620
#3	.5142194	.5067198	1.019358	245.9623	.5796476	.5055612

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4522353	100.7527	.5065443	252.9978	1.007645	.1952063
Stddev	.0013580	.3371	.0020938	.8505	.000873	.0003777
%RSD	.3002870	.3346050	.4133553	.3361615	.0866093	.1934909

#1	.4528492	100.9007	.5073073	252.8628	1.007657	.1956022
#2	.4531780	100.3669	.5041760	252.2229	1.006766	.1951666
#3	.4506788	100.9904	.5081496	253.9077	1.008511	.1948499

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.285930	.4984946	1.095835	-.111798	F .0139823	F .8911945
Stddev	.079590	.0025117	.008158	.082550	.0013265	.0057057
%RSD	27.83562	.5038497	.7444605	73.83906	9.486799	.6402278

#1	-.261044	.4982423	1.097797	-.183232	.0129069	.8939519
#2	-.221756	.4961187	1.086875	-.021423	.0135756	.8949977
#3	-.374990	.5011229	1.102833	-.130737	.0154646	.8846339

Sample Name: ICSAB Acquired: 12/05/2019 12:41:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) 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	F .7867629	.0003055	F .7312785	F .8090804	F .8258655	.0074843
Stddev	.0004704	.0052304	.0056119	.0050357	.0037413	.0006868
%RSD	.0597890	1712.329	.7674097	.6224021	.4530122	9.176139

#1	.7863237	.0041312	.7347905	.8108252	.8218077	.0080083
#2	.7867056	.0024398	.7342387	.8034043	.8291781	.0077378
#3	.7872593	-.005655	.7248063	.8130116	.8266107	.0067068

Elem	Sr4077
Units	ppm
Avg	F .1017205
Stddev	.0006863
%RSD	.6746662

#1	.1010652
#2	.1024340
#3	.1016622

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.017	3058.290	49832.37	8501.955	3473.094
Stddev	5.636	2.036	100.47	23.297	.807
%RSD	.2875460	.0665753	.2016207	.2740198	.0232388

#1	1956.439	3056.136	49835.09	8512.852	3473.600
#2	1966.513	3058.551	49931.46	8475.206	3472.163
#3	1957.097	3060.182	49730.57	8517.806	3473.518

Sample Name: PB125241BL Acquired: 12/05/2019 12:54:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW241 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000294	.0035709	.0015669	.0004153	.0017997	-.009115	.0004087
Stddev	.003881	.0006170	.0007796	.0021806	.0013384	.015005	.0000626
%RSD	1321.149	17.27829	49.75382	525.1244	74.36814	164.6097	15.32377

#1	-.000538	.0042833	.0024007	.0008576	.0028476	.000790	.0003455
#2	.003703	.0032079	.0014440	.0023408	.0002920	-.001757	.0004707
#3	-.004047	.0032215	.0008561	-.001953	.0022596	-.026379	.0004100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000184	-.000051	-.003582	.0003420	.0003058	.0040677	-.000168
Stddev	.0000453	.000055	.001036	.0004307	.0001874	.0008742	.002185
%RSD	246.6294	108.5342	28.90705	125.9341	61.28484	21.49102	1304.329

#1	.0000080	-.000049	-.004528	-.000134	.0003039	.0035317	-.000930
#2	-.000021	-.000107	-.003744	.000456	.0001194	.0035949	-.001869
#3	.000068	.000003	-.002476	.000704	.0004943	.0050764	.002296

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000085	-.005566	-.000391	.0001387	-.152272	-.000168	.0001910
Stddev	.0003053	.008668	.000371	.0002016	.048832	.002651	.0011861
%RSD	3581.280	155.7480	94.86634	145.4179	32.06883	1580.532	621.0511

#1	.0003478	-.015156	-.000150	.0002138	-.115480	.000284	.0009691
#2	-.000244	.001710	-.000818	.0002919	-.133665	.002228	-.001174
#3	-.000078	-.003250	-.000205	-.000090	-.207673	-.003016	.000778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.051724	.0006191	.0040213	.0002221	-.002495	-.003447	-.000020
Stddev	.023740	.0026503	.0007066	.0003404	.003164	.001162	.000747
%RSD	45.89625	428.1183	17.57063	153.2494	126.8070	33.71796	3737.559

#1	-.075017	-.000421	.0040751	.0006137	-.005635	-.002106	.000654
#2	-.027562	.003632	.0032893	-.000003	-.002545	-.004174	-.000822
#3	-.052594	-.001354	.0046994	.000055	.000693	-.004059	.000108

Sample Name: PB125241BL Acquired: 12/05/2019 12:54:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW241 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005035	-.000819	.0000060
Stddev	.0012706	.000817	.0000522
%RSD	252.3545	99.70386	868.6563

#1	.0015116	-.000369	.0000344
#2	.0009225	-.000327	-.000054
#3	-.000924	-.001762	.000038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.904	3268.744	53430.44	8637.366	3900.617
Stddev	12.381	2.300	232.77	31.143	4.047
%RSD	.5824078	.0703742	.4356596	.3605558	.1037614

#1	2126.003	3268.091	53537.51	8603.352	3903.466
#2	2138.237	3266.841	53590.41	8644.268	3895.984
#3	2113.474	3271.300	53163.39	8664.479	3902.400

Sample Name: CCB088 Acquired: 12/05/2019 12:50:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002532	.0036718	.0013083	-.000939	.0022185	-.000473	.0005598
Stddev	.0012016	.0030605	.0015392	.002234	.0006872	.001281	.0005820
%RSD	474.5324	83.35273	117.6471	237.9292	30.97708	270.9962	103.9667

#1	-.000505	.0019466	.0030841	-.000654	.0029539	-.001328	.0001349
#2	-.000375	.0018633	.0003556	.001139	.0021089	-.001090	.0012232
#3	.001639	.0072054	.0004853	-.003301	.0015926	.001000	.0003213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0000468	.0103555	.0007386	.0005934	.0059906	.0158188
Stddev	.000021	.0000889	.0049347	.0003707	.0002643	.0012079	.0116765
%RSD	607.3015	189.7568	47.65263	50.18713	44.53698	20.16284	73.81384

#1	.000017	.0001491	.0122983	.0007584	.0007613	.0072617	.0147412
#2	-.000003	.0000027	.0140231	.0010990	.0002888	.0058522	.0047186
#3	-.000025	-.000011	.0047451	.0003584	.0007300	.0048578	.0279968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000037	-.016889	-.000336	.0005741	.3079190	.0005538	.0004733
Stddev	.0003416	.027755	.000317	.0001457	.4254407	.0023026	.0012659
%RSD	9228.870	164.3354	94.44426	25.38121	138.1665	415.7506	267.4836

#1	.0003902	.009747	-.000047	.0004207	-.027203	.0012041	.0019161
#2	-.000122	-.014774	-.000676	.0007107	.786558	-.002004	-.000045
#3	-.000258	-.045642	-.000285	.0005909	.164402	.002461	-.000451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019537	.0003999	.0073850	.0004891	-.004066	-.003443	.0017234
Stddev	.074799	.0024299	.0005218	.0004435	.003287	.000412	.0005251
%RSD	382.8643	607.6084	7.065446	90.67560	80.84434	11.95362	30.46874

#1	.010780	.0027829	.0068619	.0003693	-.007176	-.003093	.0012001
#2	-.104735	.0004912	.0079054	.0009802	-.000627	-.003896	.0022503
#3	.035345	-.002074	.0073877	.0001178	-.004394	-.003341	.0017199

Sample Name: CCB088 Acquired: 12/05/2019 12:50:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB088 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002210	.0050907	.0001312
Stddev	.0002840	.0009993	.0000347
%RSD	128.5171	19.63003	26.41978

#1	.0003336	.0060627	.0001107
#2	.0004314	.0051434	.0001117
#3	-.000102	.0040661	.0001712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2135.791	3249.111	53563.70	8623.531	3891.058
Stddev	11.291	3.911	118.24	52.313	7.176
%RSD	.5286560	.1203690	.2207446	.6066305	.1844245

#1	2123.715	3247.240	53538.64	8637.216	3884.882
#2	2146.086	3246.487	53460.01	8667.641	3889.361
#3	2137.572	3253.606	53692.47	8565.735	3898.930

Sample Name: PB125241TB Acquired: 12/05/2019 13:03:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB241 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000382	.0016184	.0012131	-.000078	.0012586	-.005046	.0001132
Stddev	.001918	.0026816	.0011236	.000448	.0014541	.006637	.0006542
%RSD	502.1201	165.6961	92.62869	573.3225	115.5327	131.5420	577.8287

#1	.000898	-.000584	.0009456	.000205	.0000666	-.004650	.0008630
#2	-.002587	.000835	.0002473	-.000595	.0008305	-.011871	-.000182
#3	.000543	.004604	.0024463	.000156	.0028787	.001385	-.000341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000382	-.000114	-.001463	.0002318	.0006836	.0010749	.0032249
Stddev	.0000306	.000073	.005740	.0005900	.0003053	.0023927	.0065047
%RSD	80.18234	63.81172	392.4039	254.5802	44.65560	222.5968	201.7035

#1	.0000219	-.000035	-.007716	.0003234	.0009062	-.001601	.0066559
#2	.0000192	-.000130	.003566	-.000399	.0003356	.001818	.0072958
#3	.0000736	-.000178	-.000238	.000771	.0008090	.003008	-.004277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	-.009896	.0000017	.0003713	-.164909	.0027673	-.000422
Stddev	.000269	.011533	.0001662	.0004621	.218786	.0013868	.000767
%RSD	453.4667	116.5474	9641.757	124.4666	132.6706	50.11209	181.9232

#1	.000241	-.020773	-.000101	.0003056	-.328069	.0013311	-.001233
#2	-.000140	.002197	-.000087	-.000055	-.250367	.0040986	-.000326
#3	-.000278	-.011110	.000193	.000863	.083708	.0028722	.000293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.061480	.0013810	.0024879	-.000023	.0016556	-.003287	-.000729
Stddev	.034097	.0016960	.0013269	.000085	.0038807	.000446	.000468
%RSD	55.46070	122.8030	53.33281	368.8349	234.3920	13.58217	64.20403

#1	-.029091	.0003059	.0037948	.000059	-.001006	-.002839	-.000991
#2	-.097062	.0033361	.0011419	-.000018	-.000135	-.003731	-.001007
#3	-.058288	.0005011	.0025271	-.000110	.006108	-.003290	-.000189

Sample Name: PB125241TB Acquired: 12/05/2019 13:03:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LEB241 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006324	-.005712	.0000521
Stddev	.0001978	.000699	.0000166
%RSD	31.27843	12.23406	31.80206

#1	.0008406	-.006495	.0000382
#2	.0004470	-.005491	.0000477
#3	.0006095	-.005150	.0000704

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.165	3274.142	53343.79	8729.645	3884.291
Stddev	8.968	7.821	283.19	13.135	2.832
%RSD	.4235785	.2388679	.5308819	.1504624	.0729117

#1	2110.178	3266.941	53496.46	8732.805	3885.832
#2	2114.040	3282.462	53017.03	8740.911	3886.019
#3	2127.277	3273.024	53517.90	8715.218	3881.023

Sample Name: K6104-01 Acquired: 12/05/2019 13:07:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A87 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000641	-.000316	.8379600	.0013682	-.000696	.3410376	.1760462
Stddev	.000639	.000782	.0022868	.0019074	.001560	.0130981	.0009831
%RSD	99.69566	247.5092	.2728969	139.4087	224.0335	3.840671	.5584603

#1	-.001352	.000236	.8376609	.0008755	-.000835	.3402834	.1757211
#2	-.000460	.000027	.8358376	.0034736	-.002182	.3544965	.1771508
#3	-.000112	-.001211	.8403817	-.000244	.000928	.3283328	.1752669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002883	.0019742	9.361689	.0005518	.0003472	.3030039	.0158542
Stddev	.0000577	.0000391	.030292	.0002751	.0000567	.0016959	.0068381
%RSD	20.01003	1.981471	.3235688	49.86217	16.32105	.5596890	43.13138

#1	.0003549	.0019725	9.327409	.0008331	.0003928	.3031379	.0226770
#2	.0002535	.0020141	9.372809	.0002833	.0003651	.3046289	.0090008
#3	.0002566	.0019359	9.384849	.0005390	.0002838	.3012450	.0158848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0342119	.3261431	.0004646	.0033854	3.026256	-.001670	.7443207
Stddev	.0005135	.0210439	.0003067	.0004360	.251341	.001983	.0032003
%RSD	1.500862	6.452353	66.00851	12.87926	8.305361	118.7488	.4299665

#1	.0338282	.3469160	.0007033	.0034569	3.304591	-.002834	.7416274
#2	.0347952	.3266751	.0005719	.0037812	2.958288	-.002796	.7434762
#3	.0340123	.3048383	.0001187	.0029180	2.815888	.000620	.7478586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.114037	.0031324	.2132252	-.000224	12.27738	.7801824	-.002968
Stddev	.028461	.0026011	.0022952	.000273	.04739	.0129673	.000720
%RSD	2.554758	83.04065	1.076434	121.8729	.3860083	1.662083	24.24512

#1	1.108936	.0011241	.2145751	-.000067	12.24419	.7855806	-.002182
#2	1.144703	.0060707	.2145254	-.000540	12.25631	.7895786	-.003594
#3	1.088471	.0022023	.2105751	-.000066	12.33166	.7653881	-.003128

Sample Name: K6104-01 Acquired: 12/05/2019 13:07:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A87 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000453	-.020455	.0231889
Stddev	.001068	.002160	.0000835
%RSD	235.6078	10.55978	.3599581

#1	-.001528	-.021798	.0230978
#2	-.000439	-.021603	.0232072
#3	.000607	-.017963	.0232616

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.966	3452.785	56094.92	9082.093	4106.494
Stddev	15.576	4.592	100.54	35.375	8.812
%RSD	.6981746	.1329988	.1792262	.3894982	.2145793

#1	2217.813	3454.120	55988.21	9046.197	4108.556
#2	2226.918	3456.563	56108.71	9083.161	4114.092
#3	2248.166	3447.674	56187.86	9116.922	4096.834

Sample Name: K6104-03 Acquired: 12/05/2019 13:15:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A87S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0366063	.0519757	1.342596	.0473797	.1013338	2.221168	2.129767
Stddev	.0026163	.0011018	.005079	.0009318	.0013055	.020546	.005680
%RSD	7.147203	2.119814	.3783071	1.966633	1.288344	.9250262	.2666909

#1	.0382541	.0523144	1.337137	.0463061	.1028111	2.225762	2.135714
#2	.0335895	.0528683	1.343468	.0479770	.1003352	2.239029	2.129188
#3	.0379752	.0507443	1.347182	.0478561	.1008552	2.198714	2.124399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509635	.0525632	11.53413	.2090178	.4906647	.5062754	1.076075
Stddev	.0003547	.0001487	.00751	.0012171	.0015687	.0008276	.011981
%RSD	.6960352	.2829760	.0651420	.5822886	.3197038	.1634735	1.113419

#1	.0505540	.0523940	11.54277	.2078146	.4895533	.5072281	1.084986
#2	.0511774	.0526219	11.52914	.2089906	.4899818	.5057337	1.080785
#3	.0511591	.0526736	11.53048	.2102483	.4924591	.5058643	1.062455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5388577	.3241708	.5038302	.2001798	3.330898	.4990274	1.418909
Stddev	.0015380	.0284759	.0003354	.0011401	.077331	.0037254	.007075
%RSD	.2854219	8.784228	.0665647	.5695262	2.321632	.7465272	.4986516

#1	.5401107	.3024581	.5034872	.1994297	3.416218	.5004432	1.426877
#2	.5393211	.3136427	.5038460	.1996180	3.311053	.5018373	1.416486
#3	.5371412	.3564117	.5041574	.2014918	3.265423	.4948017	1.413362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.145422	.0042833	.2194063	-.000169	14.01570	.8113852	-.001705
Stddev	.022687	.0020639	.0031566	.000326	.03182	.0139472	.001139
%RSD	1.980646	48.18374	1.438685	192.3899	.2270326	1.718941	66.80052

#1	1.133270	.0055026	.2161277	.000030	13.97916	.8044476	-.000405
#2	1.131399	.0054471	.2196666	.000007	14.03733	.8022672	-.002530
#3	1.171596	.0019004	.2224247	-.000545	14.03060	.8274408	-.002180

Sample Name: K6104-03 Acquired: 12/05/2019 13:15:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A87S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000550	-.020838	.0332408
Stddev	.001121	.001009	.0001242
%RSD	203.6932	4.842487	.3736567

#1	-.001844	-.019682	.0331378
#2	.000085	-.021295	.0333787
#3	.000108	-.021539	.0332060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.836	3428.637	54633.61	9078.624	4074.431
Stddev	6.976	6.078	74.70	65.774	7.209
%RSD	.3236055	.1772673	.1367337	.7244950	.1769325

#1	2160.894	3432.876	54719.43	9140.671	4082.619
#2	2158.738	3421.674	54598.20	9009.668	4069.037
#3	2147.877	3431.362	54583.19	9085.534	4071.637

Sample Name: K6104-02 Acquired: 12/05/2019 13:11:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A87D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004061	.0008521	.8440343	-.000486	.0003415	.3435043	.1778113
Stddev	.0015538	.0020942	.0016288	.002348	.0026725	.0058462	.0011085
%RSD	382.6319	245.7613	.1929786	482.6371	782.5721	1.701932	.6234053

#1	-.001158	.0006366	.8459027	.001664	-.002326	.3497335	.1768858
#2	.001950	-.001126	.8429135	-.002992	.003019	.3381367	.1775084
#3	.000426	.003046	.8432866	-.000131	.000332	.3426428	.1790398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002725	.0019728	9.527228	.0002704	.0004119	.3063497	.0043727
Stddev	.0000207	.0000222	.025067	.0001687	.0001587	.0014145	.0052394
%RSD	7.579991	1.127976	.2631087	62.40156	38.52547	.4617185	119.8185

#1	.0002552	.0019550	9.499232	.0004595	.0004418	.3047206	.0096644
#2	.0002954	.0019658	9.547592	.0002162	.0005535	.3070633	.0042666
#3	.0002671	.0019978	9.534861	.0001354	.0002404	.3072653	-.000813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349167	.3539223	.0003469	.0031425	2.871824	-.000337	.7664631
Stddev	.0002552	.0218052	.0002362	.0000816	.286077	.001134	.0058413
%RSD	.7309267	6.161019	68.09670	2.597251	9.961516	336.2515	.7621160

#1	.0351446	.3788005	.0005608	.0030717	2.579270	-.001511	.7597869
#2	.0346409	.3448412	.0000934	.0031239	3.150952	-.000253	.7689693
#3	.0349645	.3381253	.0003866	.0032318	2.885250	.000752	.7706331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.167240	.0058065	.2140903	-.000311	12.32634	.7780038	-.002299
Stddev	.022335	.0005328	.0023220	.000017	.02638	.0030097	.000759
%RSD	1.913449	9.176361	1.084608	5.557621	.2140412	.3868423	33.00927

#1	1.186838	.0051943	.2133112	-.000291	12.31078	.7787211	-.001434
#2	1.171958	.0061659	.2167017	-.000323	12.35680	.7805899	-.002606
#3	1.142923	.0060592	.2122580	-.000319	12.31144	.7747002	-.002856

Sample Name: K6104-02 Acquired: 12/05/2019 13:11:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A87D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000253	-.020815	.0232075
Stddev	.000659	.000259	.0000502
%RSD	260.3067	1.244619	.2163118

#1	-.000109	-.020536	.0232551
#2	.000322	-.021048	.0232122
#3	-.000972	-.020861	.0231551

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.800	3443.620	55491.08	9115.788	4097.534
Stddev	36.655	6.000	986.85	23.372	2.458
%RSD	1.663261	.1742368	1.778401	.2563855	.0599991

#1	2245.655	3450.523	56630.59	9137.184	4099.290
#2	2177.422	3440.675	54919.30	9119.332	4098.587
#3	2188.323	3439.661	54923.33	9090.846	4094.724

Sample Name: K6104-04 Acquired: 12/05/2019 13:23:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016511	-.000239	.0009677	.0021709	.0046004	6.211055	.1177278
Stddev	.0026433	.000926	.0017664	.0028899	.0022827	.039309	.0010029
%RSD	160.0928	387.1075	182.5448	133.1196	49.61998	.6328893	.8518550

#1	.0046995	-.000687	-.000668	-.001163	.0046438	6.240703	.1188358
#2	-.000004	.000825	.002841	.003970	.0068612	6.166466	.1168821
#3	.000258	-.000856	.000730	.003705	.0022963	6.225996	.1174656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004654	.0027670	83.10977	.0009453	.0000262	4.715150	.4150328
Stddev	.0000054	.0000699	.39746	.0004982	.0002916	.021083	.0063632
%RSD	1.152358	2.524631	.4782362	52.69980	1113.233	.4471269	1.533187

#1	.0004673	.0028369	83.45607	.0007663	.0002064	4.732320	.4092337
#2	.0004695	.0026972	82.67579	.0015083	-.000310	4.691619	.4140248
#3	.0004593	.0027669	83.19745	.0005613	.000182	4.721512	.4218399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656255	.4851339	.0010104	.0003337	3.773386	-.000011	1.398280
Stddev	.0004825	.0023804	.0002325	.0002990	.084176	.002866	.023419
%RSD	.7351758	.4906759	23.00800	89.59638	2.230793	25894.61	1.674857

#1	.0661295	.4851138	.0012602	-.000008	3.718856	-.003299	1.419881
#2	.0651680	.4827636	.0009706	.000464	3.870333	.001305	1.373390
#3	.0655791	.4875243	.0008004	.000545	3.730970	.001961	1.401567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.428442	-.023074	.2627725	.0001608	68.16193	1.038225	-.005554
Stddev	.072835	.001846	.0012093	.0002736	.05819	.009414	.001534
%RSD	5.098945	8.001900	.4602168	170.1241	.0853706	.9067175	27.61774

#1	1.512542	-.020945	.2632985	-.000073	68.22669	1.048964	-.005468
#2	1.385698	-.024037	.2636298	.000093	68.11404	1.034313	-.007128
#3	1.387088	-.024240	.2613893	.000462	68.14506	1.031397	-.004064

Sample Name: K6104-04 Acquired: 12/05/2019 13:23:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A88 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001646	-.019162	.0154120
Stddev	.000787	.000300	.0001520
%RSD	47.82834	1.566455	.9862219

#1	-.002295	-.018815	.0152847
#2	-.000770	-.019331	.0155803
#3	-.001872	-.019339	.0153709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.586	3425.543	53859.09	9103.289	4049.498
Stddev	15.328	8.914	286.77	65.259	7.184
%RSD	.7231418	.2602322	.5324477	.7168723	.1774058

#1	2109.641	3434.629	53775.07	9173.669	4053.715
#2	2137.238	3425.188	54178.48	9091.418	4053.576
#3	2111.879	3416.811	53623.71	9044.781	4041.203

Sample Name: K6104-01LX5 Acquired: 12/05/2019 13:19:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A87L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000420	.0015435	.1689277	-.000978	.0021212	.0644873	.0350874
Stddev	.002703	.0017549	.0033385	.002759	.0008446	.0039436	.0006255
%RSD	643.0600	113.6987	1.976307	281.9901	39.81627	6.115349	1.782539

#1	-.000357	.0033654	.1727236	.000534	.0016030	.0632066	.0350356
#2	.002250	.0014006	.1664471	.000694	.0030957	.0689121	.0344895
#3	-.003155	-.000136	.1676126	-.004163	.0016647	.0613432	.0357372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000927	.0003634	1.918346	.0000640	.0003862	.0634789	.0045757
Stddev	.0000680	.0000422	.001986	.0002323	.0003495	.0026276	.0119286
%RSD	73.32538	11.61375	.1035499	362.8800	90.49655	4.139327	260.6933

#1	.0000171	.0003803	1.916875	-.000197	.0007879	.0623448	.0032294
#2	.0001488	.0003946	1.917557	.000143	.0002187	.0664831	-.006623
#3	.0001124	.0003154	1.920606	.000247	.0001520	.0616088	.017120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072204	.0465881	-.000112	.0008871	.4720014	.0015386	.1604984
Stddev	.0002962	.0114165	.000212	.0003707	.1979396	.0009564	.0007263
%RSD	4.102744	24.50514	188.2304	41.79269	41.93624	62.16298	.4525459

#1	.0071829	.0339267	.000074	.0012721	.4995569	.0024179	.1598537
#2	.0069447	.0497402	-.000342	.0008565	.2617278	.0016776	.1603563
#3	.0075336	.0560974	-.000069	.0005325	.6547195	.0005203	.1612853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1352453	.0046656	.0454066	-.000181	2.521515	.1512690	-.002041
Stddev	.0552740	.0010107	.0009892	.000339	.013883	.0008777	.000682
%RSD	40.86945	21.66189	2.178593	186.8960	.5505884	.5802074	33.40415

#1	.0951806	.0044223	.0447340	-.000408	2.530523	.1517908	-.002252
#2	.1983047	.0037989	.0465424	.000208	2.528494	.1517606	-.002592
#3	.1122505	.0057758	.0449433	-.000344	2.505527	.1502557	-.001278

Sample Name: K6104-01LX5 Acquired: 12/05/2019 13:19:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A87L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000096	-.007243	.0046557
Stddev	.0009080	.002128	.0000939
%RSD	9487.824	29.37492	2.018045

#1	-.000180	-.006161	.0045506
#2	.000997	-.005873	.0046852
#3	-.000789	-.009694	.0047314

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.629	3278.344	51872.34	8793.670	3897.940
Stddev	11.063	5.064	118.87	44.513	4.608
%RSD	.5434810	.1544656	.2291529	.5061958	.1182095

#1	2043.005	3281.319	51939.20	8760.737	3894.564
#2	2040.973	3272.497	51735.10	8775.961	3896.067
#3	2022.908	3281.216	51942.72	8844.312	3903.190

Sample Name: K6104-05 Acquired: 12/05/2019 13:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001321	-.000539	.0022405	-.001128	-.000625	.4373985	.2191230
Stddev	.0010760	.001182	.0012618	.002895	.000270	.0089254	.0001998
%RSD	814.8034	219.0204	56.31536	256.7195	43.13767	2.040556	.0911937

#1	.0004473	-.001582	.0035649	.000433	-.000515	.4468531	.2191937
#2	-.001066	-.000781	.0021044	.000652	-.000427	.4291187	.2192779
#3	.001015	.000744	.0010524	-.004468	-.000932	.4362238	.2188974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009020	.0006028	10.35121	.0012583	.0028989	.2404945	.0329614
Stddev	.0000519	.0000305	.01974	.0002388	.0003163	.0022053	.0039405
%RSD	5.753860	5.056104	.1907236	18.98100	10.91081	.9169873	11.95495

#1	.0009600	.0005720	10.37398	.0010125	.0029360	.2394886	.0306024
#2	.0008858	.0006034	10.33890	.0014895	.0031951	.2430234	.0375104
#3	.0008601	.0006329	10.34074	.0012729	.0025657	.2389715	.0307713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3208489	1.015605	.0044823	.0005437	4.228574	.0002173	.7495918
Stddev	.0019322	.005476	.0001828	.0004771	.304243	.0025232	.0114770
%RSD	.6022205	.5392240	4.078366	87.75063	7.194939	1161.088	1.531103

#1	.3212809	1.021757	.0045833	.0010252	4.517103	.0028299	.7628432
#2	.3225285	1.013795	.0042712	.0000712	4.257883	.0000278	.7431099
#3	.3187372	1.011262	.0045922	.0005347	3.910737	-.002206	.7428221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.813988	.0036901	.2532956	.0000376	14.17240	1.461510	-.003765
Stddev	.028936	.0013387	.0012254	.0002424	.08505	.003140	.000654
%RSD	1.595173	36.27712	.4837766	645.2317	.6001010	.2148537	17.38169

#1	1.789759	.0021457	.2547098	-.000224	14.07733	1.461748	-.003021
#2	1.846028	.0045183	.2525467	.000081	14.19859	1.464524	-.004251
#3	1.806177	.0044063	.2526304	.000255	14.24127	1.458258	-.004022

Sample Name: K6104-05 Acquired: 12/05/2019 13:27:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A89 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004107	-.019825	.0253599
Stddev	.0009987	.000519	.0001414
%RSD	243.1665	2.617239	.5575721

#1	-.000662	-.019301	.0252030
#2	.000580	-.020338	.0254775
#3	.001314	-.019836	.0253992

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.968	3435.588	53529.97	9024.122	4084.643
Stddev	9.375	7.457	252.31	16.896	8.440
%RSD	.4472659	.2170521	.4713374	.1872280	.2066295

#1	2088.197	3434.612	53292.01	9026.187	4085.565
#2	2106.380	3443.484	53794.52	9039.890	4092.584
#3	2093.328	3428.666	53503.39	9006.288	4075.780

Sample Name: K6104-06 Acquired: 12/05/2019 13:31:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001028	-.000090	.0008684	.0009838	.0006083	.3805455	.2502458
Stddev	.003436	.001293	.0007708	.0012909	.0012444	.0067362	.0014881
%RSD	334.1327	1435.522	88.76314	131.2173	204.5793	1.770141	.5946509

#1	.001870	.001003	.0016935	.0015406	-.000232	.3727727	.2487274
#2	-.000130	.000244	.0007450	.0019029	.002038	.3841794	.2503083
#3	-.004825	-.001517	.0001667	-.000492	.000019	.3846844	.2517016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006387	.0004280	5.782607	.0002064	.0021712	.1712937	.0062364
Stddev	.0000245	.0000389	.013719	.0002661	.0002813	.0020396	.0059198
%RSD	3.836905	9.078658	.2372425	128.9501	12.95795	1.190722	94.92315

#1	.0006117	.0003934	5.794348	.0003516	.0019834	.1735149	.0111135
#2	.0006450	.0004700	5.785947	-.000101	.0024947	.1695049	.0079458
#3	.0006595	.0004205	5.767527	.000368	.0020355	.1708613	-.000350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2057445	.7653240	.0027209	-.000088	3.639731	.0007431	.6562443
Stddev	.0005760	.0349628	.0002538	.000365	.290816	.0018731	.0100852
%RSD	.2799375	4.568363	9.327239	415.0447	7.990036	252.0567	1.536801

#1	.2053990	.7700056	.0029748	-.000432	3.477470	-.001416	.6577549
#2	.2054251	.7282564	.0024672	.000295	3.466249	.001710	.6454891
#3	.2064094	.7977102	.0027207	-.000127	3.975473	.001935	.6654890

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.763772	.0042150	.2583529	.0000946	10.12866	1.412036	-.002905
Stddev	.086719	.0006859	.0017042	.0001994	.02612	.004601	.000053
%RSD	4.916676	16.27350	.6596221	210.8595	.2578756	.3258345	1.811717

#1	1.829756	.0042617	.2564170	-.000132	10.10982	1.408740	-.002882
#2	1.665551	.0048763	.2596265	.000243	10.15848	1.410076	-.002965
#3	1.796007	.0035068	.2590152	.000172	10.11768	1.417293	-.002867

Sample Name: K6104-06 Acquired: 12/05/2019 13:31:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A90 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007231	-.020733	.0178737
Stddev	.0001950	.000835	.0000637
%RSD	26.95825	4.027037	.3563676

#1	.0008088	-.021052	.0178362
#2	.0005000	-.019785	.0179472
#3	.0008606	-.021361	.0178376

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.248	3406.336	53308.91	9015.447	4055.884
Stddev	16.749	8.906	225.87	21.973	10.368
%RSD	.8051249	.2614619	.4236959	.2437221	.2556272

#1	2078.725	3416.588	53165.48	9040.001	4066.624
#2	2097.706	3400.507	53569.27	8997.637	4055.093
#3	2064.313	3401.913	53191.98	9008.703	4045.934

Sample Name: CCV089 Acquired: 12/05/2019 14:32:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.920104	4.944456	25.32699	4.831104	4.824307	400.7748	10.00212
Stddev	.034217	.019404	.06135	.004241	.016848	2.7407	.04507
%RSD	.6954444	.3924438	.2422290	.0877946	.3492216	.6838583	.4506151

#1	4.880913	4.922089	25.26810	4.827514	4.823092	403.1605	9.97355
#2	4.935368	4.954508	25.32235	4.835784	4.808100	397.7811	10.05407
#3	4.944033	4.956772	25.39053	4.830013	4.841729	401.3827	9.97873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4856986	2.498828	418.0895	15.17547	2.493905	15.20313	418.0211
Stddev	.0030240	.004966	.8186	.02785	.005083	.07817	1.3335
%RSD	.6225980	.1987424	.1957846	.1835522	.2038319	.5141419	.3190133

#1	.4851497	2.493934	417.1459	15.14697	2.489812	15.20994	418.2148
#2	.4889594	2.498686	418.5133	15.20263	2.492307	15.27766	419.2471
#3	.4829867	2.503863	418.6092	15.17684	2.499595	15.12178	416.6012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99885	405.1149	2.486440	1.303338	412.7335	2.457857	16.21267
Stddev	.02269	.9631	.003715	.005616	2.0157	.011281	.06356
%RSD	.1512542	.2377271	.1493981	.4308821	.4883828	.4589731	.3920579

#1	14.97820	405.7614	2.483266	1.300952	410.7727	2.466754	16.24712
#2	15.02313	405.5752	2.485529	1.299309	414.8000	2.461649	16.13932
#3	14.99520	404.0080	2.490525	1.309752	412.6278	2.445169	16.25156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.3310	5.164322	5.177554	4.808870	5.111504	4.988387	4.835307
Stddev	.7722	.016422	.026774	.010789	.020736	.028008	.020261
%RSD	.5069117	.3179830	.5171168	.2243571	.4056813	.5614620	.4190165

#1	152.5877	5.145828	5.171492	4.801961	5.088894	4.981627	4.812164
#2	152.9422	5.177197	5.206839	4.803346	5.115981	5.019157	4.843911
#3	151.4632	5.169941	5.154330	4.821302	5.129635	4.964378	4.849846

Sample Name: CCV089 Acquired: 12/05/2019 14:32:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.956439	4.951138	4.892562
Stddev	.032320	.018744	.084664
%RSD	.6520815	.3785822	1.730470

#1	4.929382	4.943245	4.917962
#2	4.947708	4.972538	4.798105
#3	4.992228	4.937631	4.961618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.492	2823.462	44778.30	8326.805	3084.552
Stddev	17.460	2.638	453.10	32.682	3.325
%RSD	1.059770	.0934202	1.011880	.3924911	.1077910

#1	1637.091	2824.812	44693.72	8299.511	3087.677
#2	1667.649	2825.151	45267.73	8363.022	3081.058
#3	1637.735	2820.423	44373.44	8317.883	3084.920

Sample Name: CCB089 Acquired: 12/05/2019 14:36:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000642	.0024471	.0029690	.0014832	.0013721	.0052555	-.001375
Stddev	.003168	.0017545	.0011372	.0017896	.0025475	.0063447	.000278
%RSD	493.2208	71.69689	38.30316	120.6565	185.6600	120.7250	20.23544

#1	-.000272	.0016232	.0036862	.0005951	-.000348	.0002589	-.001195
#2	.002324	.0012562	.0016578	.0003114	.004299	.0031137	-.001234
#3	-.003979	.0044619	.0035629	.0035431	.000166	.0123940	-.001695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000543	-.000084	.0116991	.0008192	.0005945	.0040165	.0126714
Stddev	.0000487	.000042	.0118048	.0002612	.0002889	.0001607	.0021783
%RSD	89.71546	49.34953	100.9038	31.87756	48.59646	3.999753	17.19076

#1	.0000995	-.000062	.0202276	.0011068	.0009107	.0041998	.0141985
#2	.0000027	-.000132	.0166437	.0007542	.0003444	.0039001	.0101769
#3	.0000608	-.000059	-.001774	.0005968	.0005283	.0039496	.0136387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001409	-.019175	-.000429	.0012404	-.087821	.0004895	.0012641
Stddev	.0001431	.009563	.000286	.0003267	.019164	.0030908	.0013381
%RSD	101.6178	49.87382	66.62423	26.33897	21.82133	631.3927	105.8533

#1	.0000396	-.010885	-.000305	.0009202	-.106707	.0008303	.0005415
#2	.0003046	-.017003	-.000755	.0015733	-.068391	-.002758	.0004427
#3	.0000784	-.029638	-.000226	.0012278	-.088366	.003396	.0028081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219005	.0016499	.0157104	.0006355	-.004116	-.000169	.0015566
Stddev	.0370011	.0009575	.0009695	.0000857	.001275	.000329	.0003414
%RSD	168.9512	58.03333	6.171370	13.48883	30.97560	195.0004	21.93398

#1	.0193357	.0007655	.0165980	.0007326	-.003472	-.000544	.0013336
#2	.0601172	.0026667	.0158574	.0006036	-.005584	.000066	.0013865
#3	-.013752	.0015176	.0146757	.0005703	-.003291	-.000027	.0019496

Sample Name: CCB089 Acquired: 12/05/2019 14:36:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1042) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008674	.0068665	.0000787
Stddev	.0017293	.0004713	.0000697
%RSD	199.3666	6.863668	88.53966

#1	.0000430	.0074059	.0000416
#2	-.000295	.0066594	.0001590
#3	.002855	.0065342	.0000355

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.645	3218.200	48834.21	8574.186	3798.139
Stddev	14.134	3.603	300.57	22.012	9.743
%RSD	.7460124	.1119540	.6154969	.2567237	.2565076

#1	1892.786	3214.608	48817.61	8559.447	3787.322
#2	1881.533	3218.178	48542.28	8563.621	3806.222
#3	1909.617	3221.814	49142.74	8599.488	3800.873