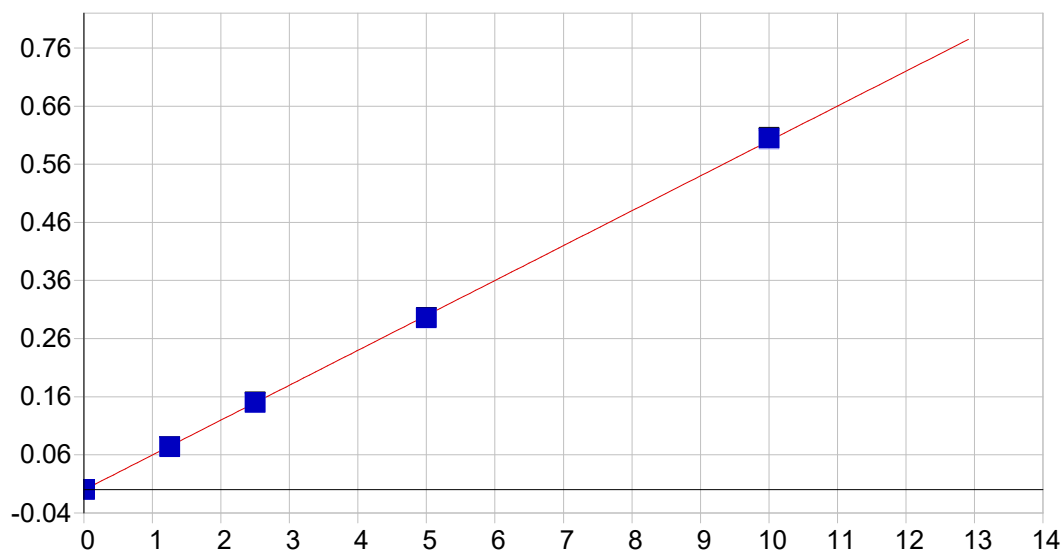


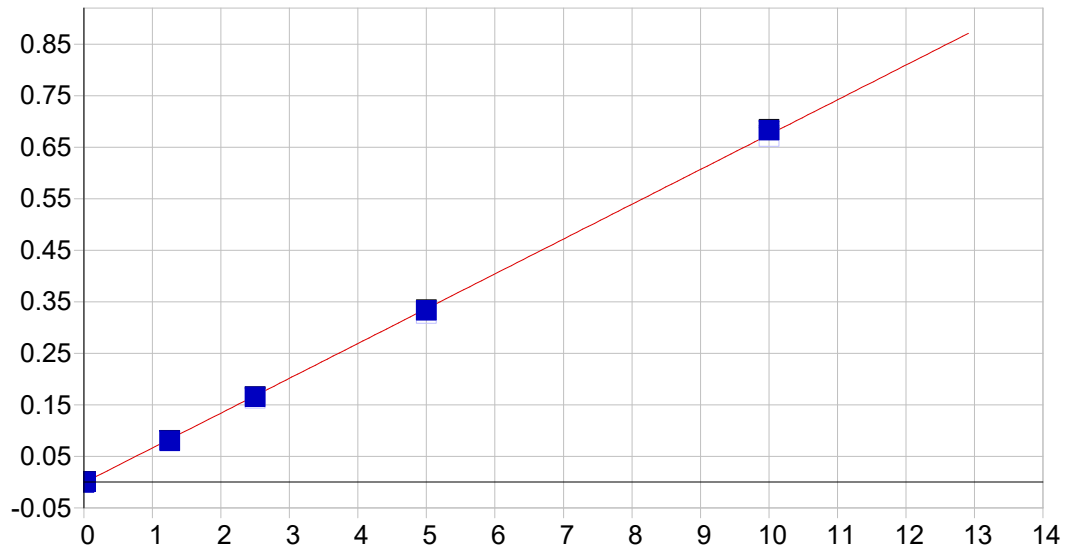


As 189.042 {479}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000257	Re-Slope:	1.000000
A1 (Gain):	0.060032	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.002999		
Predicted MQL:	0.009997		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.01000	.01131	.001	13.1	.00042	.000	1
S2	1.2500	1.2327	-.017	-1.39	.07347	.000	1
S3	2.5000	2.5056	.006	.224	.14962	.001	1
S4	5.0000	4.9292	-.071	-1.42	.29458	.001	1
S5	10.000	10.081	.081	.812	.60280	.001	1

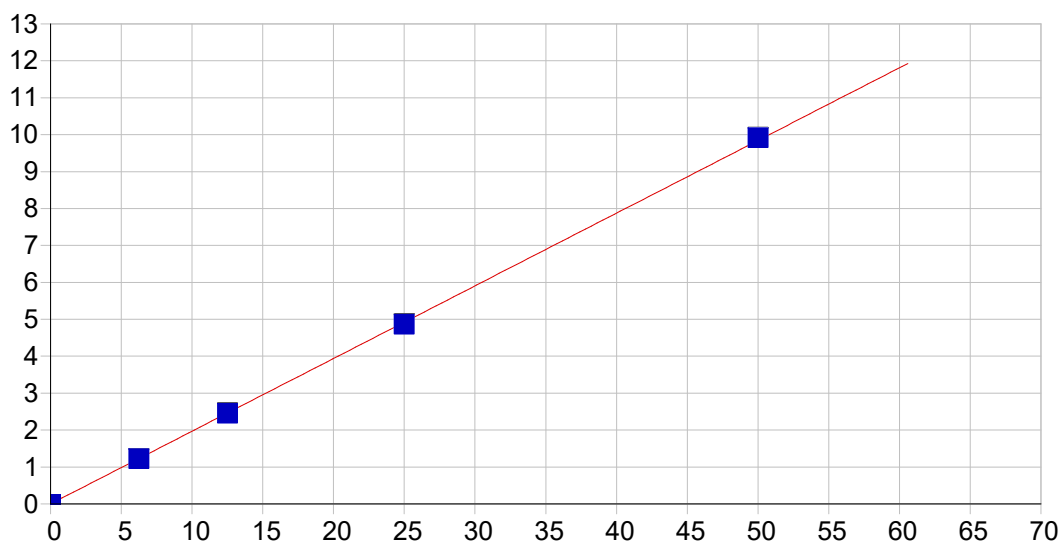


TI 190.856 {477}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001142 Re-Slope: 1.000000
 A1 (Gain): 0.067547 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.002888
 Predicted MQL: 0.009627

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00114	.000	1
S1	.02500	.02658	.002	6.33	.00058	.000	1
S2	1.2500	1.2102	-.040	-3.18	.07905	.000	1
S3	2.5000	2.4636	-.036	-1.46	.16215	.000	1
S4	5.0000	4.9529	-.047	-.942	.32718	.001	1
S5	10.000	10.122	.122	1.22	.67009	.002	1

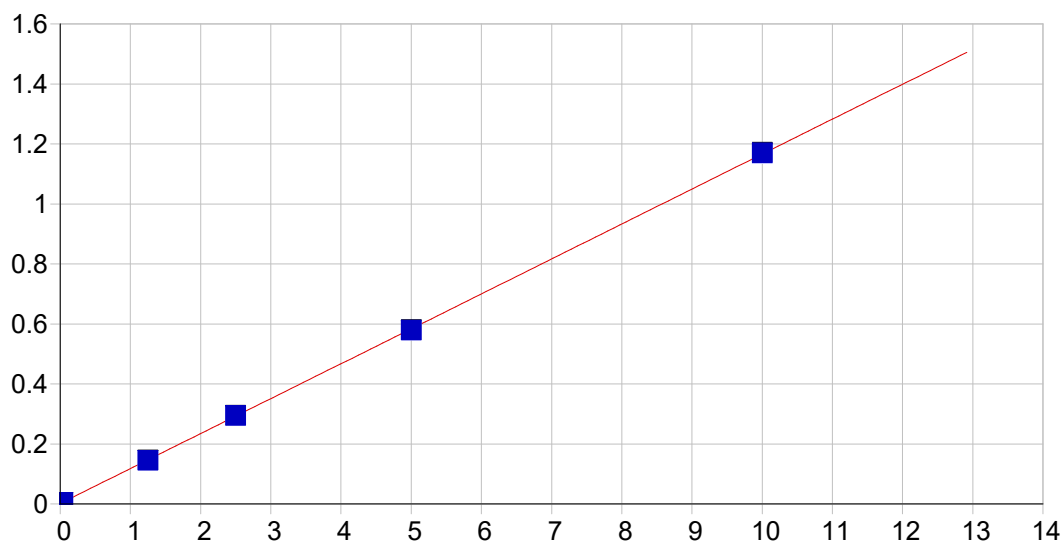


Pb 220.353 {453}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000387	Re-Slope:	1.000000
A1 (Gain):	0.196860	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.002223		
Predicted MQL:	0.007411		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.01000	.01061	.001	6.12	.00248	.001	1
S2	6.2500	6.1885	-.062	-.984	1.2189	.004	1
S3	12.500	12.463	-.037	-.295	2.4544	.004	1
S4	25.000	24.716	-.284	-1.14	4.8670	.011	1
S5	50.000	50.382	.382	.764	9.9205	.009	1

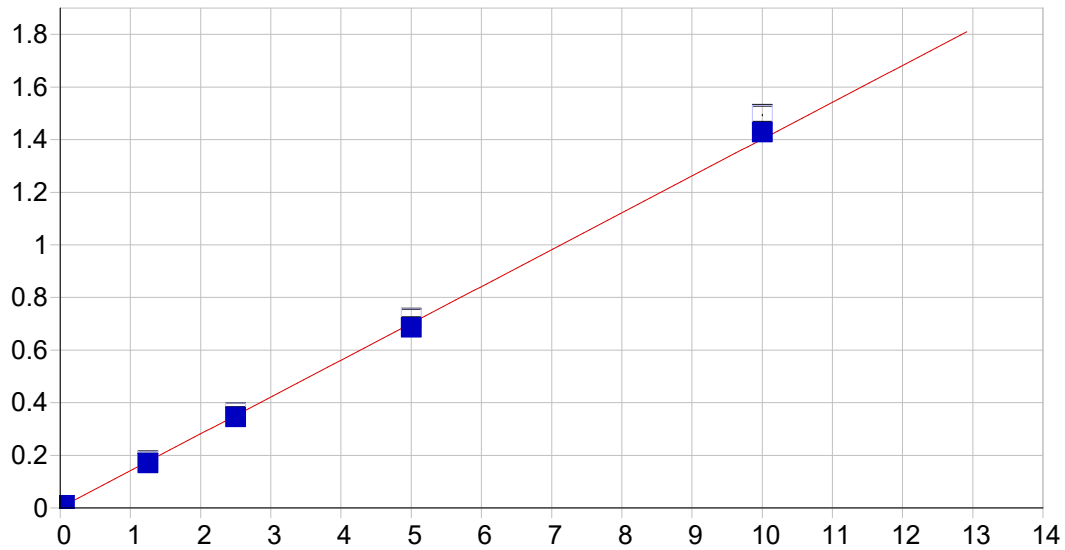


Se 196.090 {472}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001364 Re-Slope: 1.000000
 A1 (Gain): 0.116457 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002118
 Predicted MQL: 0.007060

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00136	.000	1
S1	.03500	.03346	-.002	-4.41	.00526	.000	1
S2	1.2500	1.2365	-.013	-1.08	.14499	.000	1
S3	2.5000	2.5175	.017	.699	.29377	.001	1
S4	5.0000	4.9632	-.037	-.736	.57783	.000	1
S5	10.000	10.034	.034	.343	1.1669	.002	1

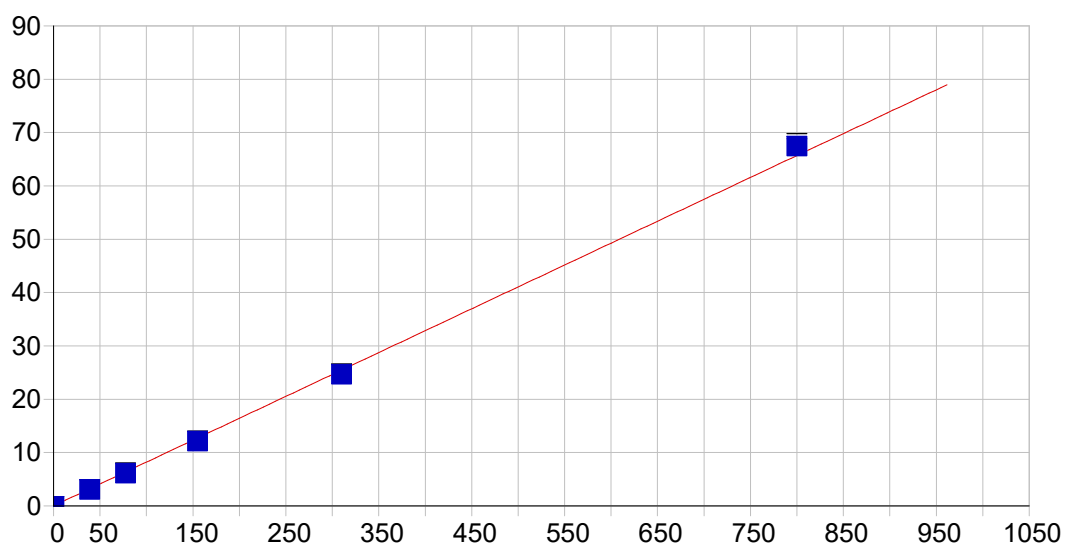


Sb 206.833 {463}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001284 Re-Slope: 1.000000
 A1 (Gain): 0.140057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.001959
 Predicted MQL: 0.006528

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00128	.000	1
S1	.06000	.06083	.001	1.38	.00981	.000	1
S2	1.2500	1.2052	-.045	-3.59	.17813	.000	1
S3	2.5000	2.4588	-.041	-1.65	.36177	.001	1
S4	5.0000	4.8942	-.106	-2.12	.71899	.002	1
S5	10.000	10.191	.191	1.91	1.4931	.003	1

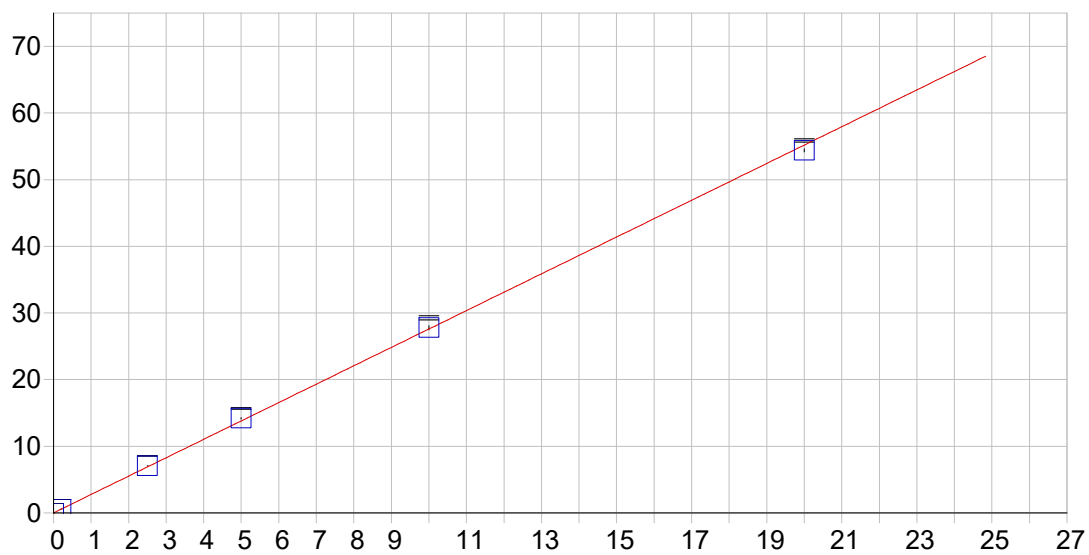


AI 396.152 { 85}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006631 Re-Slope: 1.000000
 A1 (Gain): 0.082115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999504 Status: OK.
 Std Error of Est: 0.001610
 Predicted MDL: 0.011049
 Predicted MQL: 0.036831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00663	.001	1
S1	.20000	.20661	.007	3.30	.02388	.001	1
S2	38.750	37.000	-1.75	-4.52	3.0513	.001	1
S3	77.500	74.565	-2.93	-3.79	6.1423	.021	1
S4	155.00	147.85	-7.15	-4.61	12.173	.055	1
S5	310.00	300.56	-9.44	-3.04	24.738	.124	1
S6	800.00	821.29	21.3	2.66	67.489	.473	1

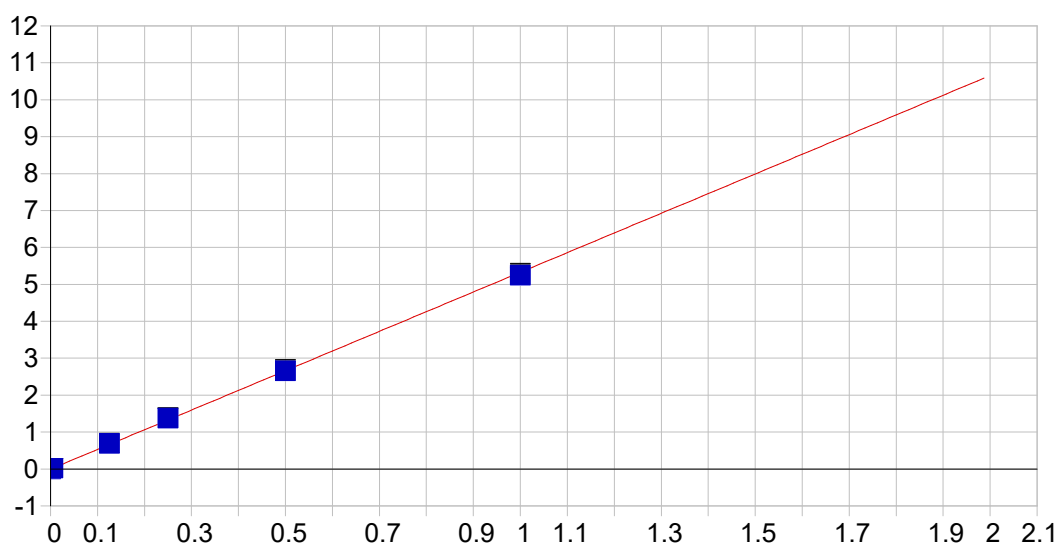


Ba 493.409 { 68}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002801 Re-Slope: 1.000000
 A1 (Gain): 2.759388 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.004906
 Predicted MDL: 0.000653
 Predicted MQL: 0.002177

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00274	.001	1
S1	.20000	.21163	.012	5.82	.58678	.003	1
S2	2.5000	2.5575	.058	2.30	7.0600	.011	1
S3	5.0000	5.1435	.143	2.87	14.196	.132	1
S4	10.000	10.069	.069	.687	27.786	.313	1
S5	20.000	19.719	-.281	-1.41	54.414	.238	1

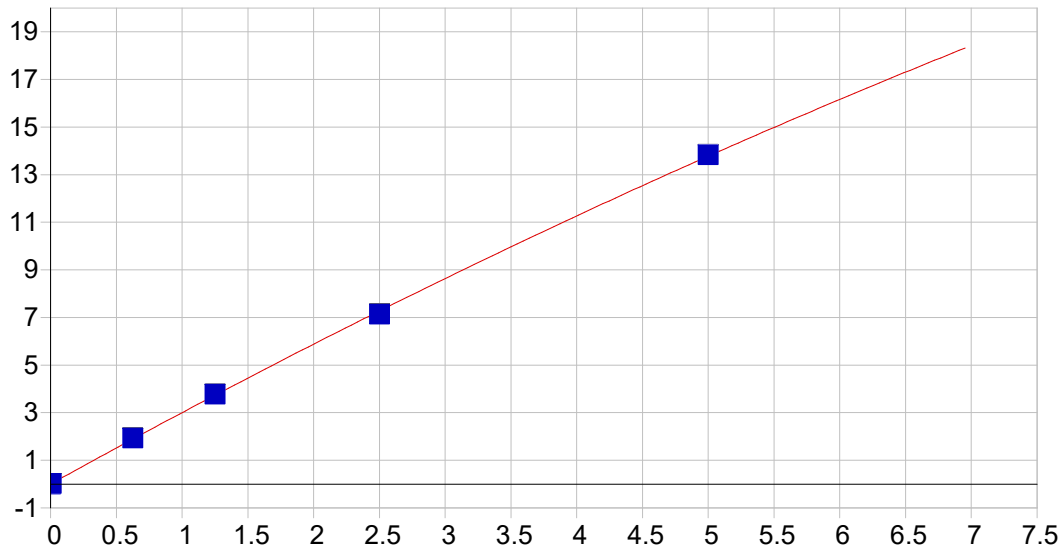


Be 234.861 {144}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002915	Re-Slope:	1.000000
A1 (Gain):	5.329022	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999775	Status:	OK.
Std Error of Est:	0.000423		
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	-.00292	.000	1
S1	.00500	.00546	.000	9.24	.02617	.000	1
S2	.12500	.13040	.005	4.32	.68980	.003	1
S3	.25000	.25927	.009	3.71	1.3743	.010	1
S4	.50000	.49973	-.000	-.053	2.6513	.035	1
S5	1.0000	.98513	-.015	-1.49	5.2292	.053	1

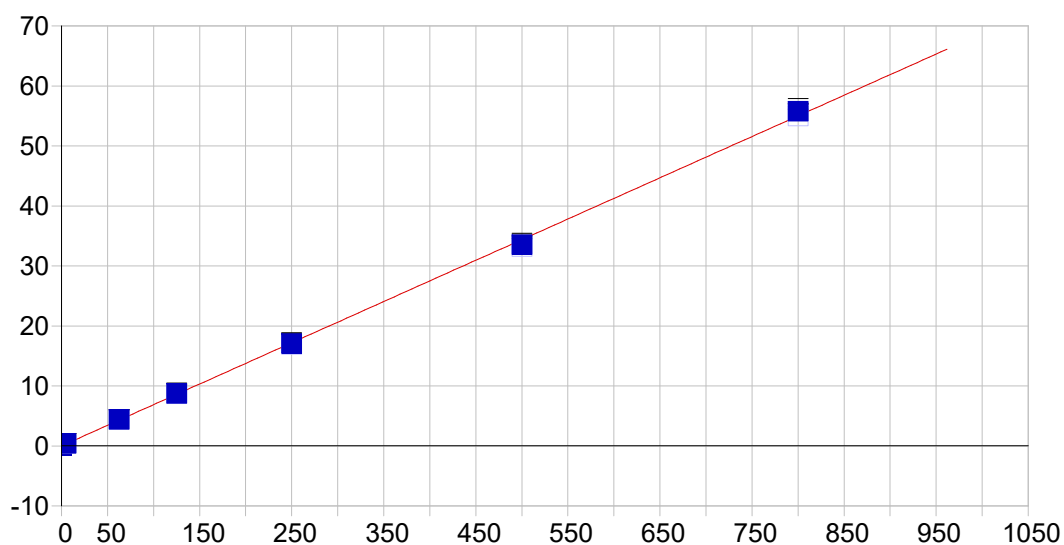


Cd 214.438 {457}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000619 Re-Slope: 1.000000
 A1 (Gain): 3.064029 Y-int: 0.000000
 A2 (Curvature): -0.061691
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000353
 Predicted MDL: 0.000104
 Predicted MQL: 0.000348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00062	.000	1
S1	.00500	.00564	.001	12.9	.01668	.000	1
S2	.62500	.63796	.013	2.07	1.9320	.003	1
S3	1.2500	1.2646	.015	1.16	3.7812	.004	1
S4	2.5000	2.4510	-.049	-1.96	7.1505	.008	1
S5	5.0000	5.0213	.021	.427	13.853	.006	1

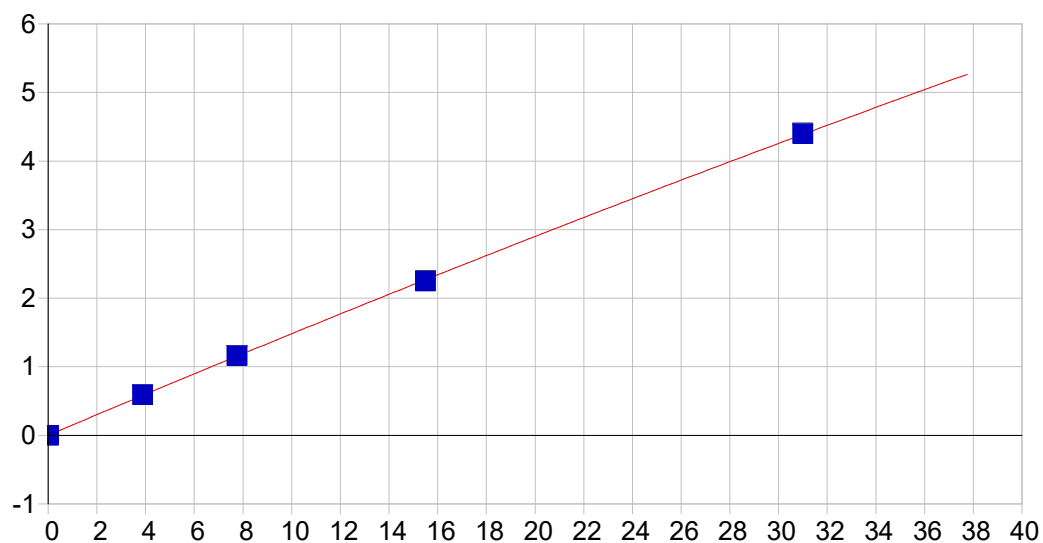


Ca 373.690 { 90}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000105 Re-Slope: 1.000000
 A1 (Gain): 0.068751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.004474
 Predicted MDL: 0.012910
 Predicted MQL: 0.043034

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00057	-.001	.000	-.00014	.000	1
S1	5.0000	5.4982	.498	9.96	.37780	.001	1
S2	62.500	63.624	1.12	1.80	4.3357	.011	1
S3	125.00	127.15	2.15	1.72	8.6650	.073	1
S4	250.00	247.90	-2.10	-.839	16.890	.168	1
S5	500.00	487.24	-12.8	-2.55	33.191	.290	1
S6	800.00	811.15	11.1	1.39	54.947	.447	1

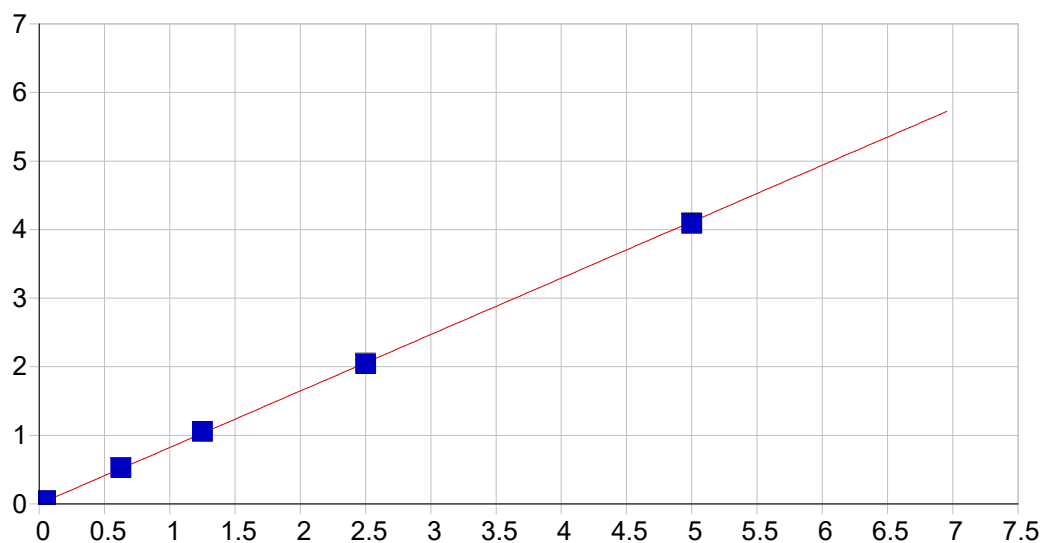


Cr 267.716 {126}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.151302 Y-int: 0.000000
 A2 (Curvature): -0.000313
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.000625
 Predicted MQL: 0.002085

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.01000	.01151	.002	15.1	.00175	.000	1
S2	3.8750	3.9283	.053	1.37	.59025	.000	1
S3	7.7500	7.7913	.041	.533	1.1613	.001	1
S4	15.500	15.335	-.165	-1.07	2.2494	.004	1
S5	31.000	31.070	.070	.225	4.4042	.005	1

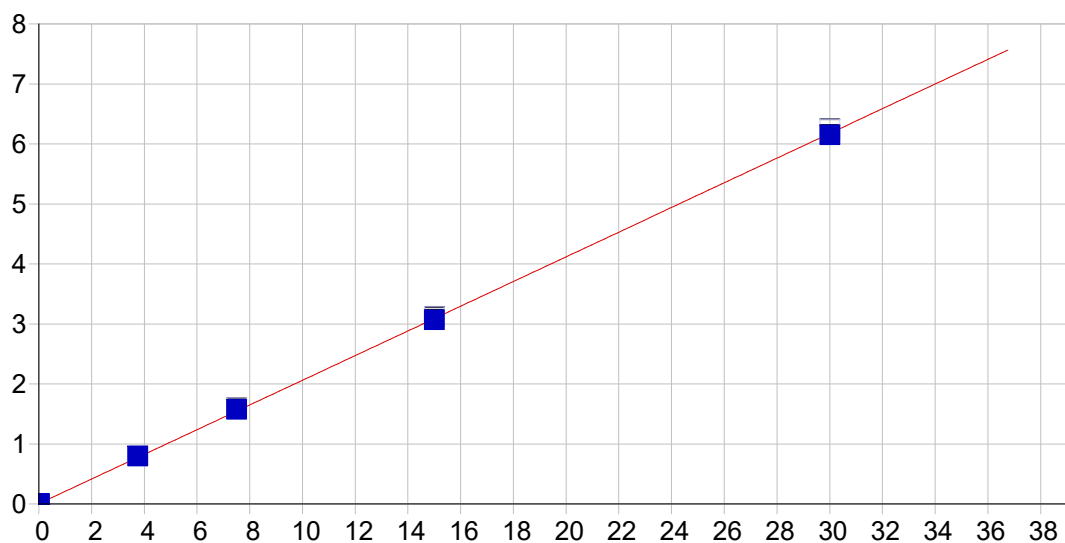


Co 228.616 {448}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000303	Re-Slope:	1.000000
A1 (Gain):	0.823118	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999909	Status:	OK.
Std Error of Est:	0.000296		
Predicted MDL:	0.000367		
Predicted MQL:	0.001222		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00030	.000	1
S1	.05000	.05408	.004	8.16	.04496	.000	1
S2	.62500	.64036	.015	2.46	.52821	.001	1
S3	1.2500	1.2795	.030	2.36	1.0551	.002	1
S4	2.5000	2.4854	-.015	-.585	2.0493	.003	1
S5	5.0000	4.9657	-.034	-.687	4.0942	.005	1

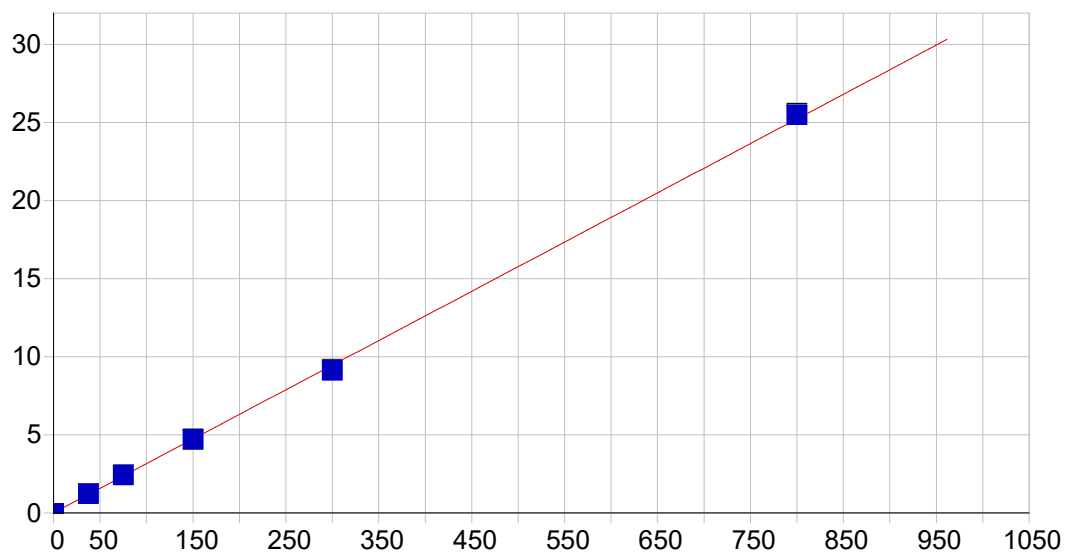


Cu 324.754 {104}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002700 Re-Slope: 1.000000
 A1 (Gain): 0.205750 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.002868
 Predicted MQL: 0.009561

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00270	.000	1
S1	.02500	.02573	.001	2.93	.00902	.000	1
S2	3.7500	3.8496	.100	2.66	.80714	.001	1
S3	7.5000	7.6329	.133	1.77	1.5979	.003	1
S4	15.000	14.904	-.096	-.641	3.1187	.007	1
S5	30.000	29.863	-.137	-.458	6.2460	.005	1

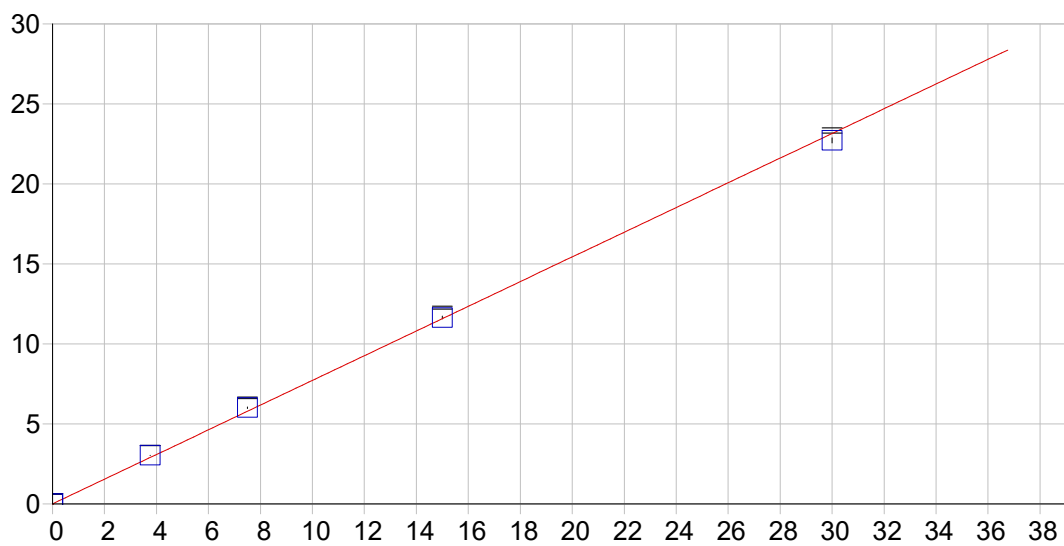


Fe 259.837 {130}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000663 Re-Slope: 1.000000
 A1 (Gain): 0.031523 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.000284
 Predicted MDL: 0.009733
 Predicted MQL: 0.032443

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00066	.000	1
S1	.10000	.12757	.028	27.6	.00481	.000	1
S2	37.500	38.940	1.44	3.84	1.2306	.003	1
S3	75.000	76.962	1.96	2.62	2.4317	.009	1
S4	150.00	148.74	-1.26	-.841	4.6992	.024	1
S5	300.00	289.48	-10.5	-3.51	9.1458	.050	1
S6	800.00	808.35	8.35	1.04	25.515	.064	1

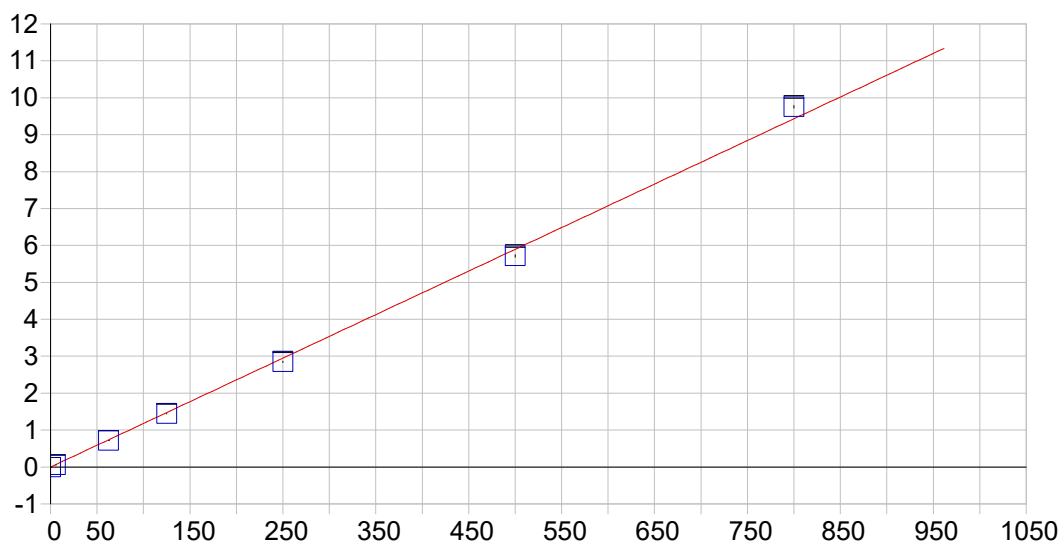


Mn 257.610 {131}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000903	Re-Slope:	1.000000
A1 (Gain):	0.771825	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999723	Status:	OK.
Std Error of Est:	0.000646		
Predicted MDL:	0.000422		
Predicted MQL:	0.001406		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00090	.000	1
S1	.01500	.01764	.003	17.6	.01452	.000	1
S2	3.7500	3.9311	.181	4.83	3.0350	.009	1
S3	7.5000	7.7863	.286	3.82	6.0106	.043	1
S4	15.000	15.092	.092	.610	11.649	.082	1
S5	30.000	29.438	-.562	-1.87	22.722	.159	1

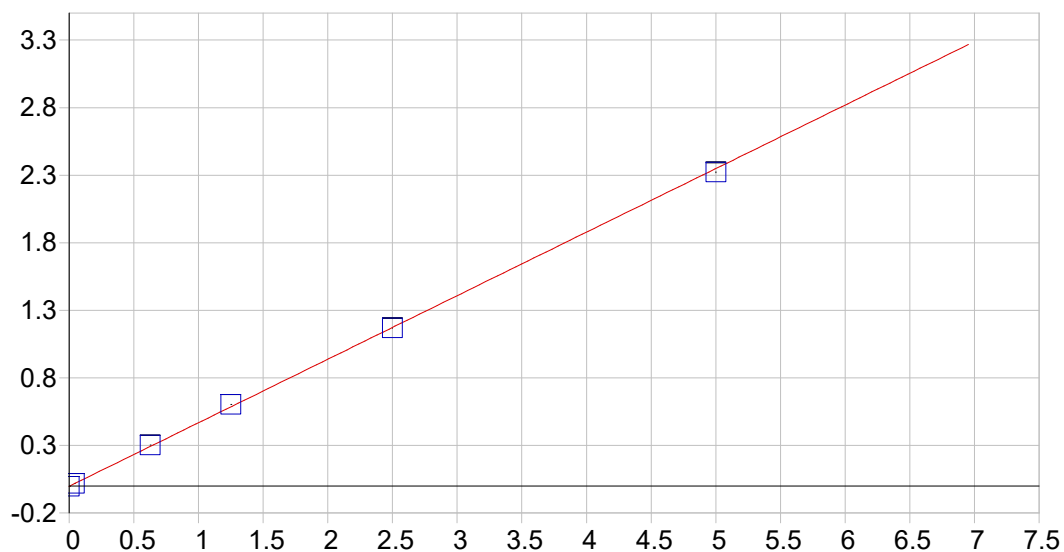


Mg 279.079 {121}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.011790 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999479 Status: OK.
 Std Error of Est: 0.001328
 Predicted MDL: 0.028990
 Predicted MQL: 0.096633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00011	.000	1
S1	5.0000	5.1578	.158	3.16	.06069	.001	1
S2	62.500	60.679	-1.82	-2.91	.71526	.002	1
S3	125.00	122.44	-2.56	-2.05	1.4434	.009	1
S4	250.00	241.71	-8.29	-3.31	2.8496	.018	1
S5	500.00	484.74	-15.3	-3.05	5.7148	.035	1
S6	800.00	827.78	27.8	3.47	9.7590	.035	1

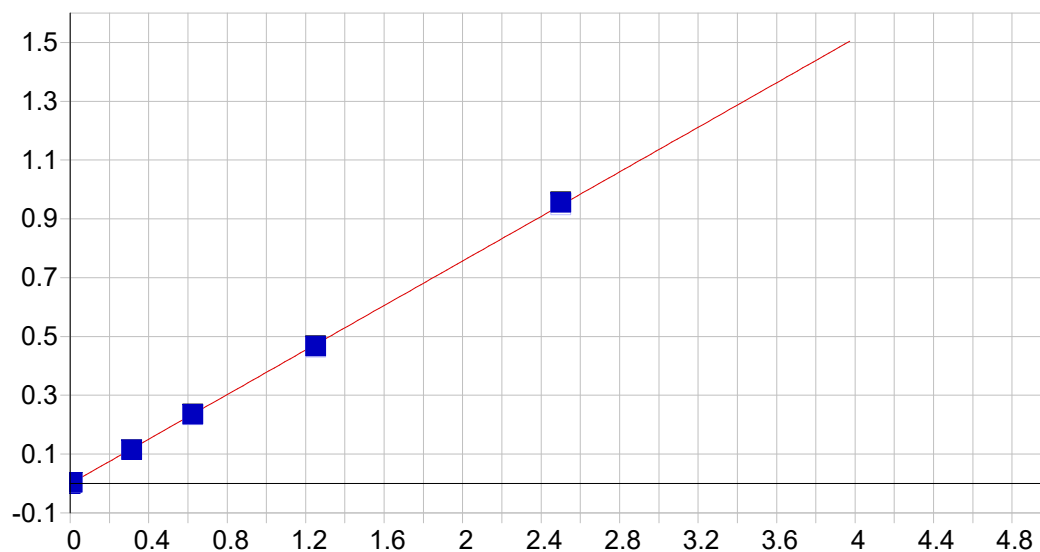


Ni 231.604 {446}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002814 Re-Slope: 1.000000
 A1 (Gain): 0.470294 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000213
 Predicted MDL: 0.000656
 Predicted MQL: 0.002188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00282	.000	1
S1	.04000	.04558	.006	13.9	.01862	.000	1
S2	.62500	.64783	.023	3.65	.30186	.001	1
S3	1.2500	1.2874	.037	3.00	.60266	.001	1
S4	2.5000	2.4916	-.008	-.337	1.1690	.002	1
S5	5.0000	4.9426	-.057	-1.15	2.3217	.003	1

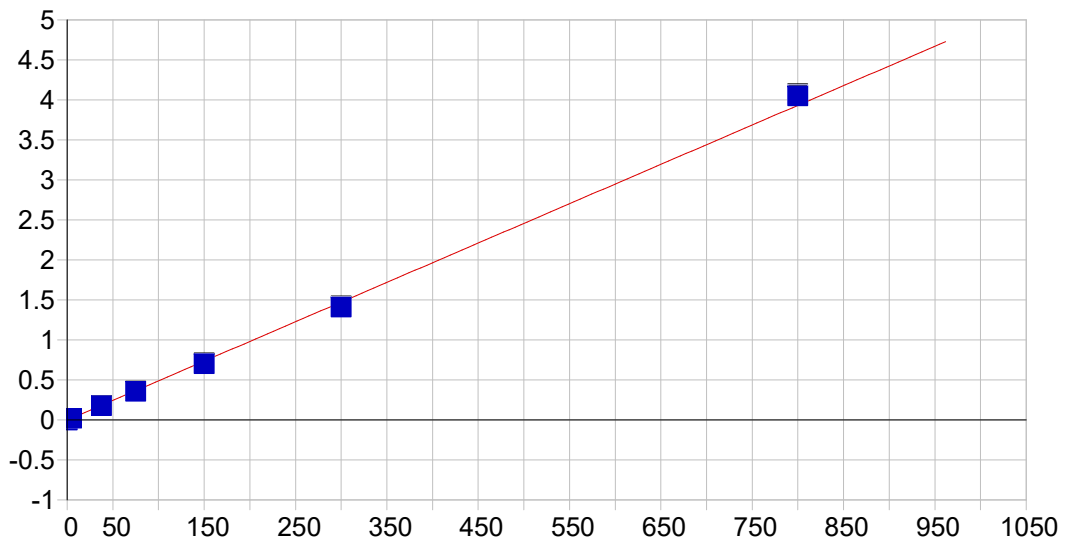


Ag 328.068 {103}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000723	Re-Slope:	1.000000
A1 (Gain):	0.378780	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.000474		
Predicted MQL:	0.001579		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00072	.000	1
S1	.01000	.00996	-.000	-.377	.00302	.000	1
S2	.31250	.30520	-.007	-2.34	.11387	.001	1
S3	.62500	.62231	-.003	-.430	.23297	.002	1
S4	1.2500	1.2352	-.015	-1.18	.46309	.001	1
S5	2.5000	2.5248	.025	.993	.94752	.002	1

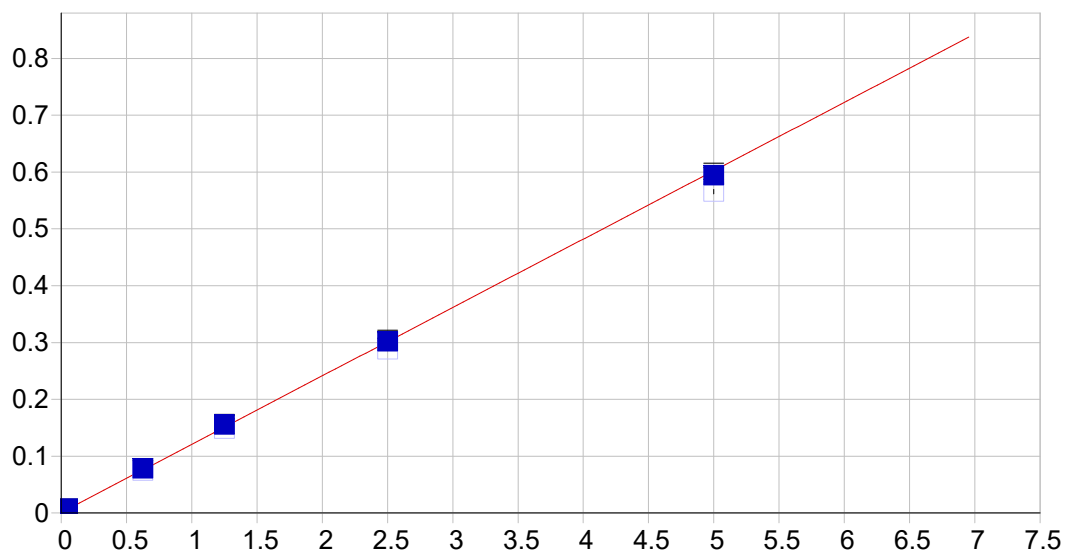


Na 818.326 { 41}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002684	Re-Slope:	1.000000
A1 (Gain):	0.004919	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999391	Status:	OK.
Std Error of Est:	0.000533		
Predicted MDL:	0.306777		
Predicted MQL:	1.022590		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00070	.001	.000	-.00268	.001	1
S1	5.0000	4.9215	-.079	-1.57	.02153	.001	1
S2	37.500	36.247	-1.25	-3.34	.17642	.001	1
S3	75.000	72.701	-2.30	-3.07	.35655	.003	1
S4	150.00	143.20	-6.80	-4.53	.70497	.007	1
S5	300.00	286.93	-13.1	-4.36	1.4152	.010	1
S6	800.00	823.50	23.5	2.94	4.0653	.012	1

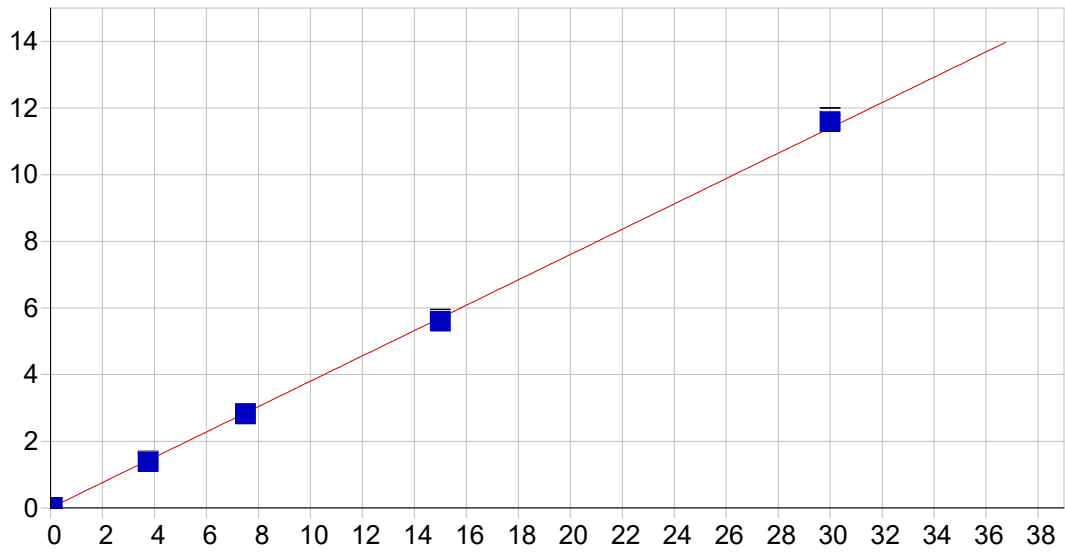


V 292.402 {115}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000495	Re-Slope:	1.000000
A1 (Gain):	0.120387	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999820	Status:	OK.
Std Error of Est:	0.000058		
Predicted MDL:	0.003316		
Predicted MQL:	0.011052		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00049	.000	1
S1	.05000	.05510	.005	10.2	.00712	.000	1
S2	.62500	.64506	.020	3.21	.07454	.000	1
S3	1.2500	1.2853	.035	2.82	.14801	.001	1
S4	2.5000	2.5062	.006	.250	.28779	.002	1
S5	5.0000	4.9330	-.067	-1.34	.56551	.004	1

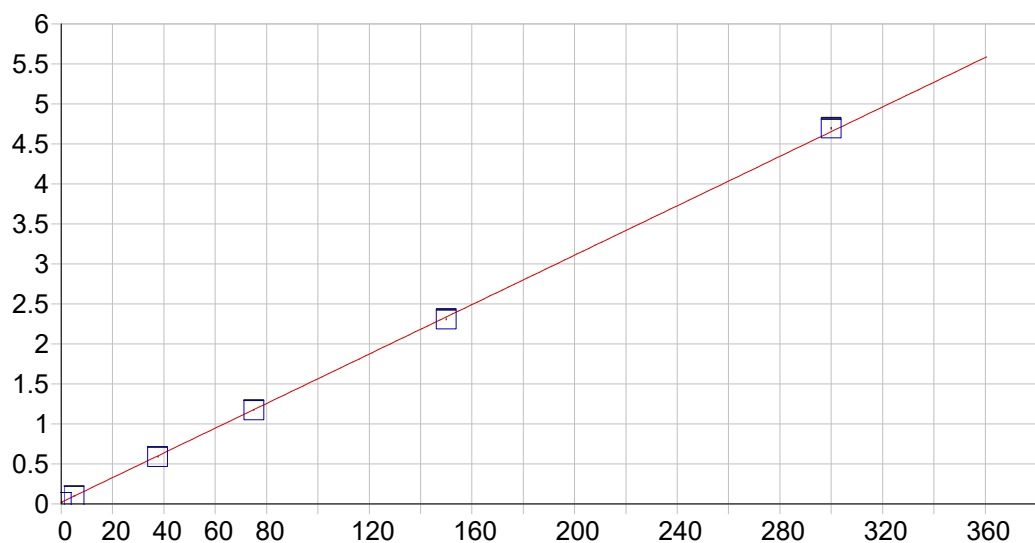


Zn 213.856 {158}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001241 Re-Slope: 1.000000
 A1 (Gain): 0.380084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000477
 Predicted MDL: 0.001630
 Predicted MQL: 0.005433

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00124	.000	1
S1	.06000	.06012	.000	.206	.02416	.000	1
S2	3.7500	3.6458	-.104	-2.78	1.3893	.015	1
S3	7.5000	7.3904	-.110	-1.46	2.8149	.021	1
S4	15.000	14.724	-.276	-1.84	5.6071	.060	1
S5	30.000	30.489	.489	1.63	11.608	.107	1

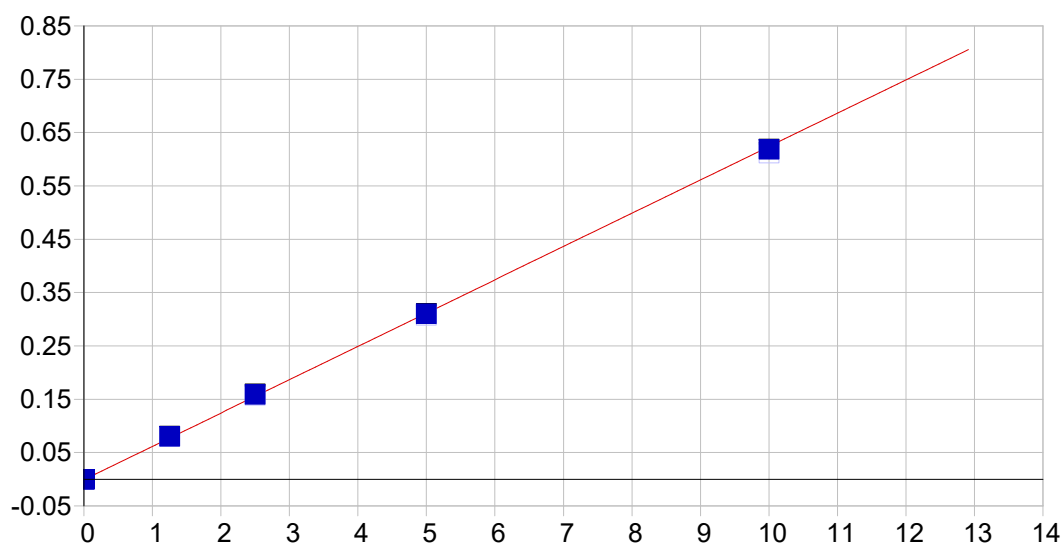


K 769.896 { 44 }

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019960 Re-Slope: 1.000000
 A1 (Gain): 0.015444 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000353
 Predicted MDL: 0.091213
 Predicted MQL: 0.304042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.01996	.001	1
S1	5.0000	5.2045	.204	4.09	.10034	.001	1
S2	37.500	36.874	-.626	-1.67	.58944	.001	1
S3	75.000	74.630	-.370	-.494	1.1726	.003	1
S4	150.00	148.08	-1.92	-1.28	2.3069	.009	1
S5	300.00	302.72	2.72	.906	4.6952	.012	1

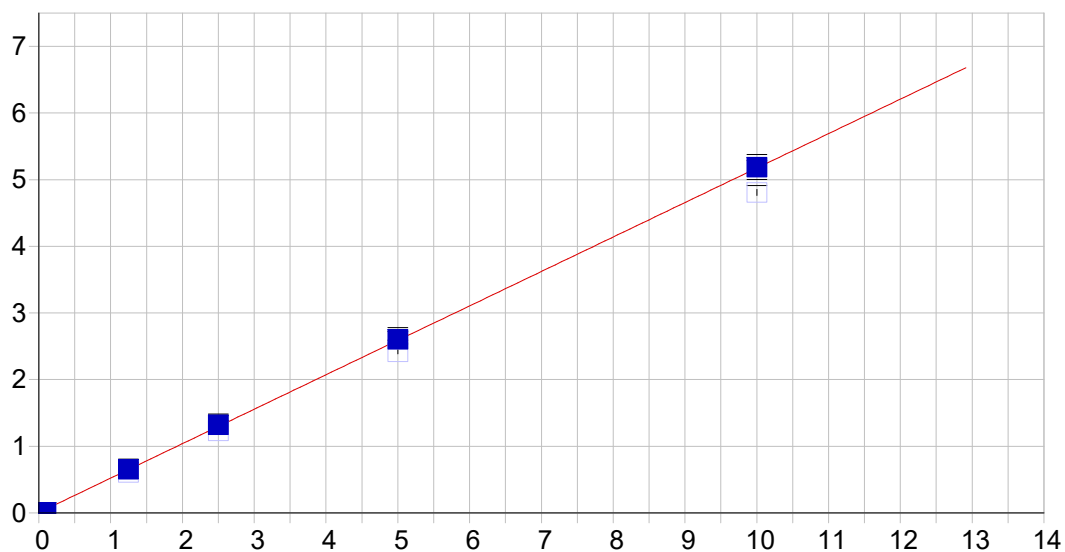


P 177.495 {490}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000797 Re-Slope: 1.000000
 A1 (Gain): 0.062456 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002296
 Predicted MQL: 0.007653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00080	.000	1
S1	.01000	.01080	.001	7.99	-.00012	.000	1
S2	1.2500	1.3004	.050	4.03	.07954	.001	1
S3	2.5000	2.5577	.058	2.31	.15720	.001	1
S4	5.0000	4.9803	-.020	-.395	.30675	.000	1
S5	10.000	9.9109	-.089	-.891	.61120	.001	1

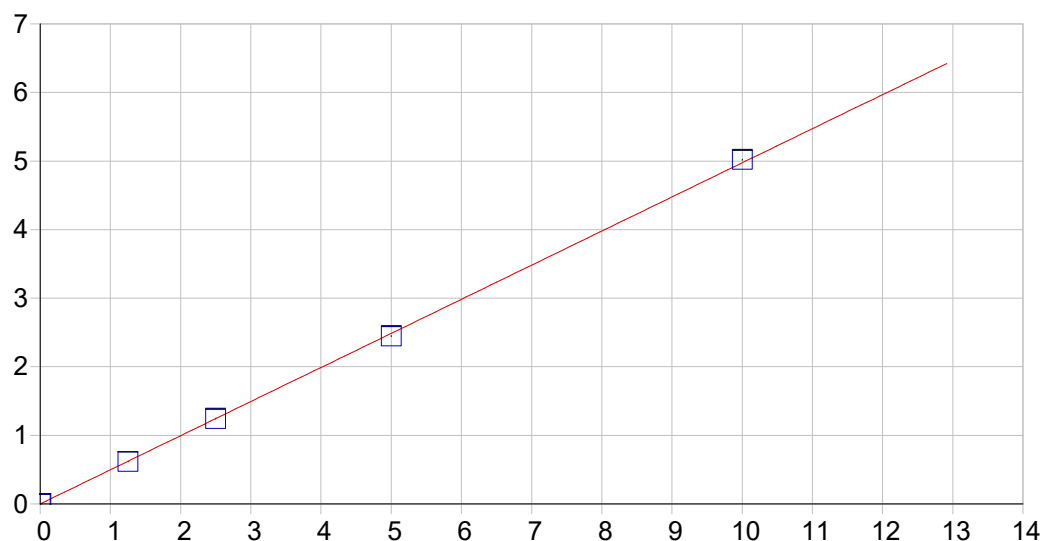


B 249.678 {135}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004612 Re-Slope: 1.000000
 A1 (Gain): 0.516979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997369 Status: OK.
 Std Error of Est: 0.001853
 Predicted MDL: 0.000975
 Predicted MQL: 0.003250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00466	.000	1
S1	.10000	.00807	-.092	-91.9	.00868	.000	1
S2	1.2500	1.2566	.007	.531	.60737	.002	1
S3	2.5000	2.5474	.047	1.90	1.2278	.013	1
S4	5.0000	5.0270	.027	.540	2.4159	.029	1
S5	10.000	10.018	.018	.179	4.8084	.047	1

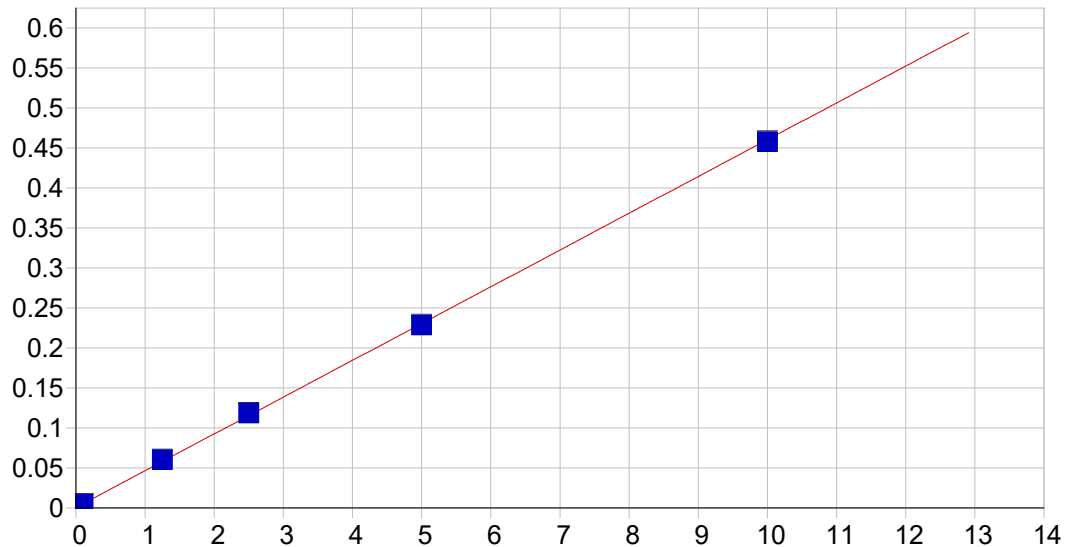


Mo 202.030 {467}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000169	Re-Slope:	1.000000
A1 (Gain):	0.497370	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000092		
Predicted MDL:	0.000490		
Predicted MQL:	0.001634		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.01000	.01063	.001	6.26	.00545	.000	1
S2	1.2500	1.2377	-.012	-.981	.61578	.001	1
S3	2.5000	2.4994	-.001	-.025	1.2433	.005	1
S4	5.0000	4.9204	-.080	-1.59	2.4474	.006	1
S5	10.000	10.092	.092	.919	5.0196	.009	1

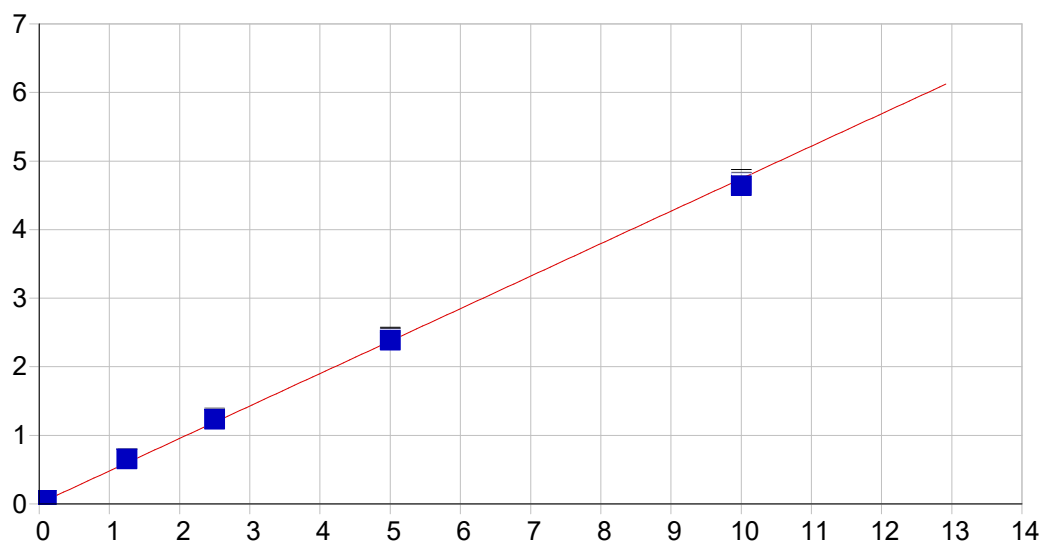


S 182.034 {485}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000594 Re-Slope: 1.000000
 A1 (Gain): 0.045979 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.003739
 Predicted MQL: 0.012463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00059	.000	1
S1	.10000	.10255	.003	2.55	.00531	.000	1
S2	1.2500	1.2907	.041	3.25	.06006	.001	1
S3	2.5000	2.5614	.061	2.46	.11861	.001	1
S4	5.0000	4.9558	-.044	-.885	.22894	.001	1
S5	10.000	9.9396	-.060	-.604	.45858	.000	1

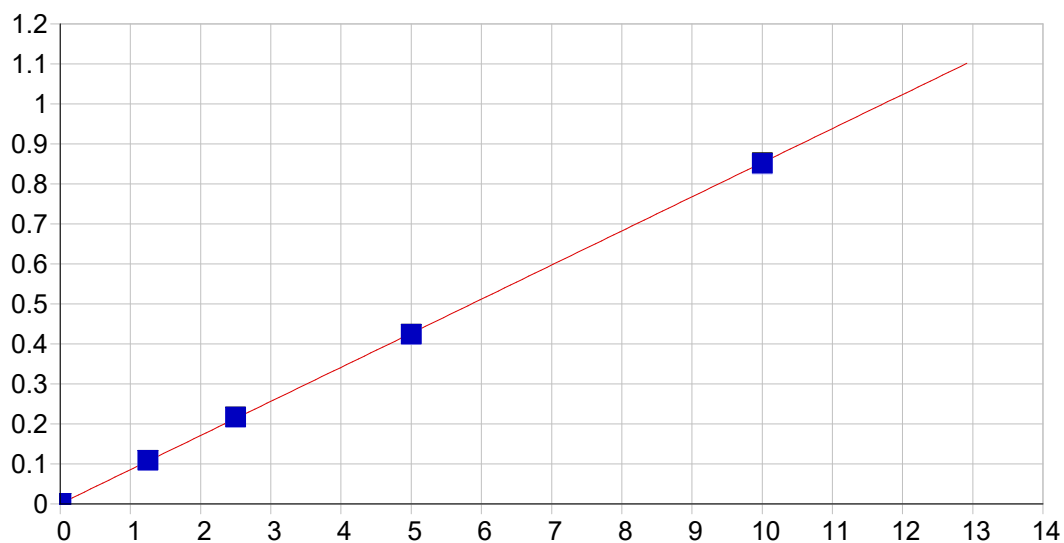


Si 251.611 {134}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.006815	Re-Slope:	1.000000
A1 (Gain):	0.473561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999546	Status:	OK.
Std Error of Est:	0.000765		
Predicted MDL:	0.001097		
Predicted MQL:	0.003658		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00681	.000	1
S1	.10000	.09997	-.000	-.027	.05433	.000	1
S2	1.2500	1.3612	.111	8.90	.65667	.004	1
S3	2.5000	2.5835	.084	3.34	1.2408	.012	1
S4	5.0000	5.0210	.021	.420	2.4055	.027	1
S5	10.000	9.7843	-.216	-2.16	4.6822	.048	1

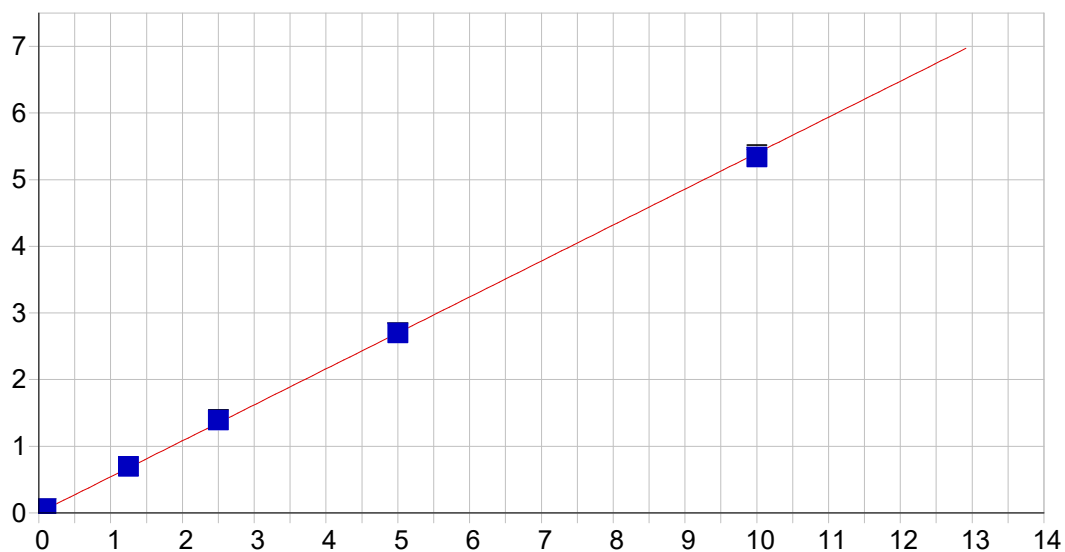


Sn 189.989 {478}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000440 Re-Slope: 1.000000
 A1 (Gain): 0.085249 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.001707
 Predicted MQL: 0.005690

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00044	.000	1
S1	.00700	.00898	.002	28.4	.00119	.000	1
S2	1.2500	1.2694	.019	1.55	.10844	.000	1
S3	2.5000	2.5335	.033	1.34	.21598	.001	1
S4	5.0000	4.9684	-.032	-.632	.42311	.000	1
S5	10.000	9.9768	-.023	-.232	.84919	.002	1

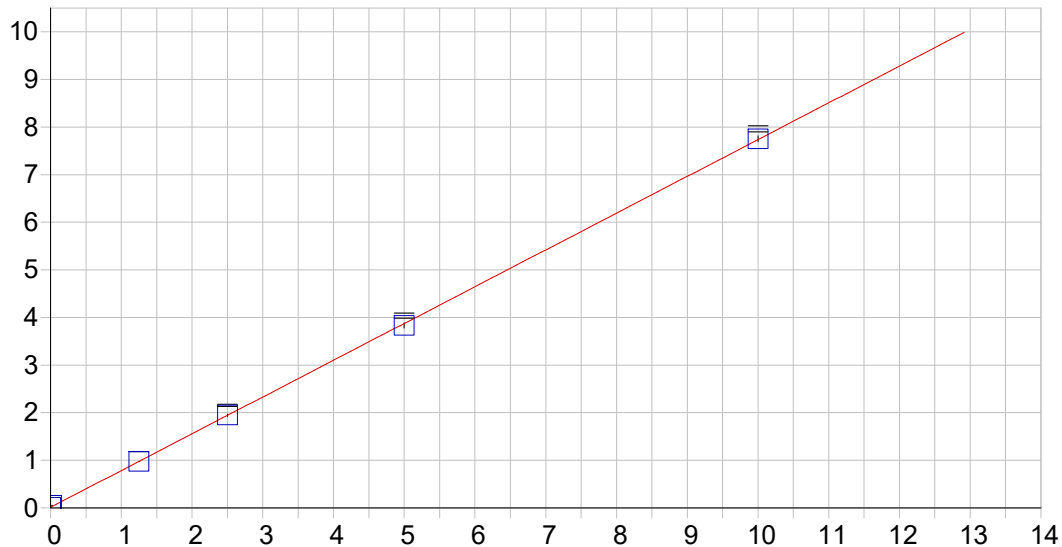


Ti 336.121 {100}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002660	Re-Slope:	1.000000
A1 (Gain):	0.539539	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999868	Status:	OK.
Std Error of Est:	0.000466		
Predicted MDL:	0.001227		
Predicted MQL:	0.004091		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00265	.000	1
S1	.10000	.10915	.009	9.15	.06153	.000	1
S2	1.2500	1.2824	.032	2.59	.69433	.000	1
S3	2.5000	2.5716	.072	2.86	1.3897	.005	1
S4	5.0000	4.9988	-.001	-.024	2.6988	.009	1
S5	10.000	9.8881	-.112	-1.12	5.3358	.034	1



Li 670.784 { 50}

Date of Fit: 08/02/2019 14:04:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012343 Re-Slope: 1.000000
 A1 (Gain): 0.772423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997649 Status: OK.
 Std Error of Est: 0.001090
 Predicted MDL: 0.002064
 Predicted MQL: 0.006879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01232	.001	1
S5	10.000	10.022	.022	.223	7.7538	.067	1
S4	5.0000	4.9429	-.057	-1.14	3.8304	.053	1
S3	2.5000	2.5051	.005	.206	1.9474	.025	1
S2	1.2500	1.2434	-.007	-.531	.97274	.001	1
S1	.01500	.05127	.036	242.	.05194	.001	1







Y 371.030 { 91}*

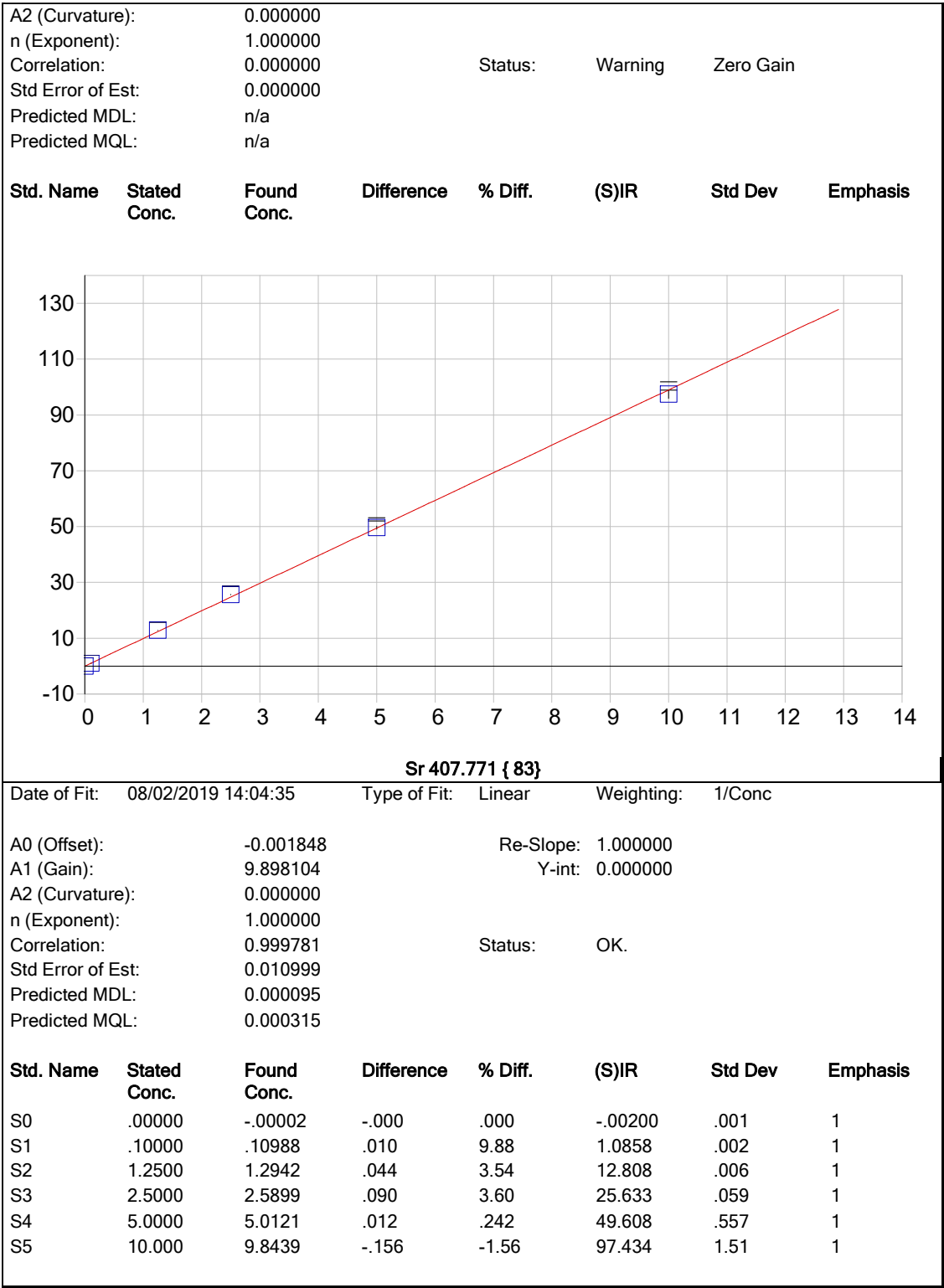
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 08/02/2019 11:27:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	-.00026	-.00114	.00039	.00136	.00128	.00663	.00274	-.00292
Stddev	.00019	.00022	.00034	.00018	.00023	.00086	.00068	.00010
%RSD	73.907	19.182	89.037	13.454	17.805	12.919	24.753	3.4265

#1	-.00037	-.00100	.00015	.00117	.00102	.00650	.00266	-.00302
#2	-.00004	-.00139	.00023	.00154	.00138	.00585	.00346	-.00291
#3	-.00036	-.00103	.00078	.00139	.00145	.00755	.00211	-.00283

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	-.00062	-.00014	.00000	.00030	.00270	.00066	.00090	-.00011
Stddev	.00017	.00040	.00003	.00027	.00021	.00019	.00017	.00037
%RSD	27.009	278.31	973.78	91.975	7.9131	29.394	19.007	326.45

#1	-.00050	.00024	.00004	.00021	.00259	.00089	.00072	-.00039
#2	-.00081	-.00012	-.00003	.00008	.00257	.00057	.00092	.00031
#3	-.00055	-.00056	.00001	.00061	.00295	.00053	.00106	-.00026

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	-.00282	-.00072	-.00268	.00049	.00124	.01996	-.00080	.00466
Stddev	.00024	.00010	.00112	.00022	.00018	.00056	.00007	.00018
%RSD	8.6235	13.262	41.758	44.760	14.602	2.8185	8.8730	3.7867

#1	-.00270	-.00083	-.00360	.00048	.00105	.01965	-.00078	.00481
#2	-.00310	-.00066	-.00301	.00028	.00126	.02061	-.00073	.00471
#3	-.00266	-.00068	-.00143	.00072	.00141	.01962	-.00087	.00446

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00017	.00059	.00681	.00044	.00265	.01232	-.00200	
Stddev	.00004	.00009	.00040	.00011	.00016	.00063	.00066	
%RSD	24.310	14.935	5.8655	24.141	6.0404	5.0826	33.121	

#1	.00018	.00066	.00640	.00054	.00249	.01178	-.00276	
#2	.00012	.00049	.00720	.00046	.00280	.01300	-.00170	
#3	.00020	.00063	.00683	.00033	.00267	.01217	-.00154	

Sample Name: S0 Acquired: 08/02/2019 11:27:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	1914.8	2824.7	39084.	6870.6	3252.4
Stddev	16.9	7.0	281.	35.1	.8
%RSD	.88097	.24672	.71912	.51091	.02473
#1	1921.8	2832.2	39248.	6882.4	3252.3
#2	1895.6	2818.5	38760.	6831.1	3253.3
#3	1927.0	2823.5	39246.	6898.3	3251.7

Sample Name: S1 Acquired: 08/02/2019 11:31:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.00042	.00058	.00248	.00526	.00981	.02388	.58678	.02617
Stddev	.00017	.00009	.00078	.00008	.00023	.00075	.00260	.00040
%RSD	41.398	15.597	31.594	1.5508	2.3023	3.1469	.44323	1.5457
#1	.00027	.00052	.00195	.00533	.00962	.02356	.58586	.02660
#2	.00061	.00069	.00338	.00517	.01006	.02474	.58477	.02612
#3	.00038	.00054	.00211	.00527	.00976	.02334	.58972	.02580
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	.01668	.37780	.00175	.04496	.00902	.00481	.01452	.06069
Stddev	.00017	.00143	.00010	.00013	.00026	.00018	.00014	.00066
%RSD	1.0372	.37965	5.7618	.29682	2.8958	3.8047	.95303	1.0869
#1	.01682	.37674	.00170	.04510	.00895	.00489	.01454	.06006
#2	.01649	.37723	.00168	.04494	.00931	.00461	.01437	.06137
#3	.01674	.37943	.00186	.04484	.00881	.00495	.01464	.06064
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	.01862	.00302	.02153	.00712	.02416	.10034	-.00012	.00868
Stddev	.00016	.00008	.00123	.00013	.00036	.00104	.00012	.00028
%RSD	.87062	2.6807	5.6941	1.8346	1.4851	1.0412	94.559	3.1744
#1	.01871	.00303	.02173	.00719	.02454	.09915	-.00025	.00879
#2	.01843	.00293	.02021	.00697	.02383	.10076	-.00002	.00888
#3	.01872	.00310	.02264	.00720	.02410	.10111	-.00010	.00837
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	.00545	.00531	.05433	.00119	.06153	.05194	1.0858	
Stddev	.00017	.00012	.00033	.00005	.00036	.00123	.0024	
%RSD	3.0343	2.2812	.60753	4.3499	.58075	2.3667	.22539	
#1	.00550	.00539	.05464	.00113	.06126	.05211	1.0858	
#2	.00527	.00536	.05398	.00122	.06140	.05308	1.0883	
#3	.00559	.00517	.05435	.00122	.06194	.05064	1.0834	

Sample Name: S1 Acquired: 08/02/2019 11:31:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	1910.4	2834.2	38934.	6907.5	3303.6
Stddev	18.6	6.2	88.	32.1	10.2
%RSD	.97107	.21947	.22495	.46404	.30879
#1	1905.7	2827.7	38942.	6900.1	3294.0
#2	1930.9	2835.0	39017.	6942.6	3302.4
#3	1894.7	2840.0	38843.	6879.8	3314.3

Sample Name: S2 Acquired: 08/02/2019 11:35:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.07347	.07905	1.2189	.14499	.17813	3.0513	7.0600	.68980
Stddev	.00026	.00018	.0040	.00037	.00045	.0008	.0112	.00271
%RSD	.34724	.22499	.32644	.25838	.25190	.02457	.15901	.39353

#1	.07324	.07924	1.2173	.14458	.17814	3.0520	7.0635	.68790
#2	.07344	.07889	1.2159	.14506	.17768	3.0512	7.0691	.69291
#3	.07374	.07901	1.2234	.14531	.17858	3.0505	7.0474	.68860

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	1.9320	4.3357	.59025	.52821	.80714	1.2306	3.0350	.71526
Stddev	.0031	.0106	.00034	.00127	.00060	.0028	.0093	.00180
%RSD	.15900	.24348	.05701	.24059	.07463	.22626	.30541	.25228

#1	1.9296	4.3359	.58992	.52787	.80644	1.2338	3.0449	.71639
#2	1.9309	4.3461	.59059	.52715	.80747	1.2284	3.0337	.71622
#3	1.9354	4.3250	.59025	.52962	.80750	1.2297	3.0265	.71318

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	.30186	.11387	.17642	.07454	1.3893	.58944	.07954	.60737
Stddev	.00080	.00070	.00123	.00036	.0152	.00050	.00061	.00215
%RSD	.26503	.61363	.69495	.48406	1.0903	.08553	.76638	.35422

#1	.30154	.11399	.17605	.07468	1.4065	.58909	.07915	.60554
#2	.30126	.11450	.17779	.07482	1.3781	.59002	.07924	.60974
#3	.30277	.11312	.17542	.07413	1.3832	.58922	.08025	.60681

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	.61578	.06006	.65667	.10844	.69433	.97274	12.808
Stddev	.00148	.00070	.00430	.00031	.00035	.00096	.006
%RSD	.24013	1.1734	.65424	.28447	.05007	.09918	.04790

#1	.61413	.05967	.65392	.10809	.69438	.97365	12.813
#2	.61622	.05964	.66162	.10856	.69465	.97285	12.801
#3	.61699	.06087	.65446	.10866	.69396	.97173	12.810

Sample Name: S2 Acquired: 08/02/2019 11:35:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	1868.8	2799.0	38939.	6862.1	3377.7
Stddev	11.6	5.9	118.	17.0	8.1
%RSD	.62142	.21032	.30286	.24787	.24042
#1	1856.0	2795.9	38810.	6871.0	3373.5
#2	1878.6	2805.8	38966.	6842.5	3387.0
#3	1871.9	2795.3	39041.	6872.8	3372.5

Sample Name: S3 Acquired: 08/02/2019 11:39:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.14962	.16215	2.4544	.29377	.36177	6.1423	14.196	1.3743
Stddev	.00068	.00049	.0040	.00101	.00098	.0210	.132	.0100
%RSD	.45522	.29936	.16192	.34387	.27016	.34223	.92904	.72822

#1	.14934	.16178	2.4520	.29290	.36074	6.1533	14.303	1.3834
#2	.14913	.16198	2.4521	.29355	.36191	6.1180	14.048	1.3636
#3	.15040	.16270	2.4590	.29488	.36268	6.1555	14.236	1.3760

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7812	8.6650	1.1613	1.0551	1.5979	2.4317	6.0106	1.4434
Stddev	.0038	.0730	.0006	.0017	.0031	.0094	.0432	.0090
%RSD	.09977	.84198	.05533	.16395	.19287	.38820	.71799	.62386

#1	3.7774	8.7218	1.1606	1.0571	1.5947	2.4378	6.0389	1.4506
#2	3.7814	8.5827	1.1614	1.0540	1.6009	2.4208	5.9609	1.4333
#3	3.7849	8.6905	1.1618	1.0543	1.5981	2.4364	6.0319	1.4463

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	.60266	.23297	.35655	.14801	2.8149	1.1726	.15720	1.2278
Stddev	.00066	.00152	.00258	.00073	.0206	.0029	.00120	.0128
%RSD	.10909	.65211	.72492	.49398	.73256	.24435	.76162	1.0452

#1	.60279	.23472	.35622	.14881	2.7919	1.1757	.15628	1.2395
#2	.60195	.23198	.35414	.14737	2.8317	1.1702	.15676	1.2141
#3	.60325	.23221	.35928	.14787	2.8211	1.1718	.15855	1.2297

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	1.2433	.11861	1.2408	.21598	1.3897	1.9474	25.633
Stddev	.0053	.00069	.0118	.00061	.0054	.0249	.059
%RSD	.42412	.58119	.95073	.28070	.38566	1.2789	.23132

#1	1.2403	.11801	1.2518	.21630	1.3941	1.9673	25.698
#2	1.2402	.11845	1.2283	.21528	1.3837	1.9194	25.581
#3	1.2494	.11936	1.2422	.21635	1.3912	1.9554	25.621

Sample Name: S3 Acquired: 08/02/2019 11:39:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	1819.6	2742.2	38732.	6837.7	3359.9
Stddev	5.1	6.4	171.	74.2	5.3
%RSD	.27993	.23380	.44202	1.0846	.15810
#1	1815.1	2742.6	38535.	6759.7	3353.8
#2	1818.6	2748.3	38848.	6907.3	3363.7
#3	1825.1	2735.5	38812.	6846.0	3362.2

Sample Name: S4 Acquired: 08/02/2019 11:43:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.29458	.32718	4.8670	.57783	.71899	12.173	27.786	2.6513
Stddev	.00072	.00111	.0111	.00041	.00242	.055	.313	.0351
%RSD	.24540	.34066	.22701	.07086	.33677	.45472	1.1270	1.3227

#1	.29431	.32846	4.8646	.57821	.71789	12.119	27.627	2.6231
#2	.29403	.32638	4.8573	.57739	.71731	12.229	28.147	2.6906
#3	.29540	.32671	4.8790	.57789	.72177	12.170	27.585	2.6403

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.1505	16.890	2.2494	2.0493	3.1187	4.6992	11.649	2.8496
Stddev	.0076	.168	.0035	.0030	.0071	.0241	.082	.0176
%RSD	.10560	.99759	.15737	.14540	.22843	.51202	.70392	.61660

#1	7.1516	16.759	2.2460	2.0507	3.1156	4.6740	11.571	2.8320
#2	7.1424	17.080	2.2492	2.0459	3.1136	4.7219	11.735	2.8671
#3	7.1574	16.830	2.2530	2.0514	3.1268	4.7018	11.641	2.8497

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	1.1690	.46309	.70497	.28779	5.6071	2.3069	.30675	2.4159
Stddev	.0016	.00109	.00693	.00223	.0602	.0086	.00020	.0285
%RSD	.13529	.23606	.98281	.77423	1.0735	.37255	.06505	1.1802

#1	1.1683	.46300	.69976	.28550	5.6359	2.2984	.30697	2.3937
#2	1.1678	.46422	.71283	.28995	5.5379	2.3156	.30671	2.4480
#3	1.1708	.46204	.70232	.28791	5.6474	2.3066	.30658	2.4059

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	2.4474	.22894	2.4055	.42311	2.6988	3.8304	49.608
Stddev	.0058	.00078	.0269	.00023	.0092	.0531	.557
%RSD	.23728	.34128	1.1180	.05551	.34099	1.3870	1.1226

#1	2.4436	.22948	2.3823	.42338	2.6891	3.7979	49.194
#2	2.4446	.22804	2.4350	.42295	2.7075	3.8917	50.241
#3	2.4541	.22929	2.3992	.42300	2.6997	3.8015	49.389

Sample Name: S4 Acquired: 08/02/2019 11:43:30 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	1743.5	2657.0	37976.	6743.9	3311.0
Stddev	6.8	4.1	21.	73.1	7.4
%RSD	.39023	.15553	.05621	1.0841	.22440
#1	1739.9	2652.2	37992.	6802.8	3302.6
#2	1739.2	2659.6	37952.	6662.1	3313.8
#3	1751.3	2659.1	37984.	6766.8	3316.6

Sample Name: S5 Acquired: 08/02/2019 11:47:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.60280	.67009	9.9205	1.1669	1.4931	24.738	54.414	5.2292
Stddev	.00150	.00186	.0088	.0024	.0031	.124	.238	.0534
%RSD	.24840	.27688	.08818	.20144	.20877	.50267	.43816	1.0206

#1	.60451	.66912	9.9174	1.1646	1.4903	24.882	54.406	5.2820
#2	.60212	.66892	9.9304	1.1693	1.4965	24.668	54.656	5.2302
#3	.60176	.67223	9.9137	1.1667	1.4925	24.665	54.180	5.1753

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	13.853	33.191	4.4042	4.0942	6.2460	9.1458	22.722	5.7148
Stddev	.006	.290	.0055	.0046	.0051	.0504	.159	.0345
%RSD	.04640	.87334	.12373	.11179	.08232	.55126	.70097	.60450

#1	13.846	33.518	4.4096	4.0902	6.2484	9.2038	22.906	5.7543
#2	13.853	33.085	4.3987	4.0932	6.2400	9.1128	22.641	5.6997
#3	13.859	32.968	4.4044	4.0992	6.2494	9.1208	22.620	5.6903

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	2.3217	.94752	1.4152	.56551	11.608	4.6952	.61120	4.8084
Stddev	.0026	.00235	.0097	.00397	.107	.0123	.00098	.0475
%RSD	.11098	.24773	.68598	.70154	.92093	.26190	.16000	.98755

#1	2.3204	.94798	1.4264	.56989	11.528	4.7084	.61137	4.8523
#2	2.3200	.94961	1.4096	.56447	11.567	4.6841	.61015	4.8151
#3	2.3246	.94498	1.4096	.56217	11.730	4.6929	.61209	4.7580

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.0196	.45858	4.6822	.84919	5.3358	7.7538	97.434	
Stddev	.0088	.00047	.0482	.00200	.0336	.0670	1.509	
%RSD	.17437	.10255	1.0285	.23498	.62966	.86430	1.5482	

#1	5.0095	.45804	4.7298	.84797	5.3736	7.8310	99.138	
#2	5.0251	.45879	4.6832	.84810	5.3246	7.7202	96.270	
#3	5.0241	.45890	4.6335	.85149	5.3092	7.7102	96.895	

Sample Name: S5 Acquired: 08/02/2019 11:47:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	1612.0	2508.6	37157.	6624.8	3219.9
Stddev	10.5	1.9	77.	53.1	6.4
%RSD	.65282	.07496	.20721	.80142	.19833
#1	1619.8	2508.7	37163.	6569.8	3215.7
#2	1616.2	2510.4	37230.	6628.8	3227.2
#3	1600.0	2506.6	37077.	6675.8	3216.6

Sample Name: S6 Acquired: 08/02/2019 11:51:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	67.489	54.947	25.515	9.7590	4.0653
Stddev	.473	.447	.064	.0347	.0120
%RSD	.70100	.81409	.25034	.35502	.29451

#1	67.783	55.408	25.531	9.7563	4.0521
#2	66.943	54.920	25.444	9.7259	4.0684
#3	67.740	54.514	25.568	9.7950	4.0755

Int. Std.	Y_3710
Units	Cts/S
Avg	6566.8
Stddev	15.3
%RSD	.23304

#1	6553.1
#2	6564.0
#3	6583.3

Sample Name: ICV Acquired: 08/02/2019 12:08:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.9768672	.9660940	1.000927	.9683063	.9307651	2.358103
Stddev	.0016384	.0031545	.003973	.0056802	.0025375	.008438
%RSD	.1677240	.3265154	.3969412	.5866073	.2726199	.3578453

#1	.9773635	.9697187	.999909	.9646187	.9330606	2.349866
#2	.9750380	.9645920	.997563	.9654527	.9280404	2.357714
#3	.9782001	.9639712	1.005311	.9748474	.9311943	2.366729

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5165117	.5146603	.5332259	10.53488	.5172631	.5274390
Stddev	.0034930	.0047928	.0005910	.08315	.0010183	.0010653
%RSD	.6762593	.9312621	.1108380	.7893067	.1968528	.2019808

#1	.5197326	.5201902	.5337260	10.60381	.5168417	.5279216
#2	.5127989	.5120851	.5325737	10.44253	.5184244	.5262178
#3	.5170036	.5117056	.5333780	10.55829	.5165232	.5281777

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4873712	5.376915	.5152738	5.821342	.5381839	.4632307
Stddev	.0051976	.047969	.0029670	.051686	.0004594	.0020504
%RSD	1.066450	.8921314	.5758182	.8878635	.0853599	.4426250

#1	.4918277	5.427623	.5180403	5.861338	.5378782	.4634441
#2	.4816616	5.332259	.5121404	5.762982	.5387122	.4610820
#3	.4886242	5.370864	.5156407	5.839707	.5379613	.4651661

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07749	.5241293	.9729831	9.881745	F .0000967	5.351517
Stddev	.17494	.0050535	.0123635	.050573	.0023528	.041501
%RSD	1.735966	.9641608	1.270674	.5117836	2432.484	.7754912

#1	9.98339	.5299135	.9591121	9.884052	.0022961	5.397481
#2	9.96974	.5219041	.9769942	9.830058	-.002384	5.316797
#3	10.27934	.5205703	.9828430	9.931126	.000378	5.340274

Sample Name: ICV Acquired: 08/02/2019 12:08:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	5.015460	F .0128384	4.972838	5.250544	5.342799	F .0005974
Stddev	.018089	.0008832	.048716	.020418	.019934	.0011517
%RSD	.3606695	6.879518	.9796334	.3888798	.3731083	192.7879
#1	5.015745	.0129775	5.028861	5.270988	5.351039	-.000732
#2	4.997229	.0136438	4.940435	5.230151	5.320066	.001265
#3	5.033404	.0118939	4.949218	5.250493	5.357293	.001260

Elem	Sr4077
Units	ppm
Avg	F .0122220
Stddev	.0000794
%RSD	.6496214
#1	.0122369
#2	.0122928
#3	.0121362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.319	2841.477	38972.87	6792.340	3340.169
Stddev	7.818	11.222	50.34	44.020	11.985
%RSD	.4081917	.3949472	.1291585	.6480886	.3588140
#1	1923.707	2833.095	39023.99	6741.602	3326.697
#2	1908.234	2854.227	38971.27	6815.056	3349.647
#3	1914.018	2837.109	38923.35	6820.361	3344.162

Sample Name: ICB Acquired: 08/02/2019 12:13:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	-.000969	.0027989	-.000267	-.001029	-.000247	.0019461	-.000147
Stddev	.001671	.0044888	.001520	.001369	.001618	.0018780	.000427
%RSD	172.4026	160.3777	568.9971	133.0232	655.2086	96.49890	289.7411

#1	.000322	.0079332	-.000589	-.000277	-.001884	.0008228	.000065
#2	-.000373	.0008473	-.001601	-.002609	.001352	.0009014	.000131
#3	-.002857	-.000384	.001388	-.000201	-.000210	.0041142	-.000638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000374	.0001522	.0097460	-.000159	-.000229	.0059022	.0014173
Stddev	.0000736	.0001962	.0170741	.000224	.000361	.0009524	.0068332
%RSD	196.6544	128.8823	175.1912	140.3619	157.5243	16.13638	482.1415

#1	.0000291	.0003787	.0111253	.000099	.000188	.0050945	-.006413
#2	-.000032	.0000345	-.007976	-.000294	-.000431	.0056596	.004487
#3	.000115	.0000435	.026089	-.000282	-.000445	.0069524	.006177

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000089	.0034124	-.000213	-.000078	.1586280	-.001023	-.001642
Stddev	.000212	.0059030	.000365	.000359	.1360637	.001827	.000214
%RSD	239.0592	172.9883	171.3324	463.2377	85.77533	178.5330	13.02986

#1	-.000322	.0028529	-.000411	-.000458	.0102126	-.000021	-.001814
#2	.000091	-.002191	.000208	.000255	.2774785	-.003132	-.001402
#3	-.000035	.009575	-.000437	-.000029	.1881927	.000083	-.001711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1061820	-.002079	.0065627	.0008871	-.002470	.0009183	.0049925
Stddev	.0538858	.000958	.0005816	.0003539	.004092	.0013805	.0017973
%RSD	50.74852	46.07008	8.862853	39.89734	165.6752	150.3232	35.99987

#1	.1679945	-.002189	.0059710	.0012803	.001375	.0024044	.0066606
#2	.0814475	-.002978	.0071337	.0007870	-.006771	.0006748	.0052278
#3	.0691040	-.001071	.0065835	.0005940	-.002014	-.000324	.0030892

Sample Name: ICB Acquired: 08/02/2019 12:13:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.0002784	-.000034	-.000057
Stddev	.0013485	.000653	.000077
%RSD	484.3889	1944.997	134.1699

#1	.0002042	-.000566	-.000110
#2	.0016625	.000695	-.000091
#3	-.001032	-.000230	.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.618	2824.473	38542.41	6687.325	3271.247
Stddev	3.055	1.759	189.63	4.835	2.358
%RSD	.1606736	.0622767	.4920117	.0723017	.0720710

#1	1898.102	2822.832	38750.82	6685.288	3268.747
#2	1903.629	2826.330	38496.37	6683.841	3271.563
#3	1903.122	2824.258	38380.03	6692.845	3273.430

Sample Name: ICSA Acquired: 08/02/2019 12:17:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.0037366	.0024353	-.001932	.0039238	.0026981	253.9040
Stddev	.0013076	.0023660	.001346	.0025500	.0007436	.7989
%RSD	34.99489	97.15280	69.67974	64.98771	27.55779	.3146498

#1	.0042336	-.000011	-.000412	.0061404	.0018883	254.6092
#2	.0022534	.002606	-.002411	.0011370	.0028560	254.0666
#3	.0047230	.004711	-.002972	.0044941	.0033501	253.0364

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068281	.0012983	-.000647	275.5796	.0544797	.0004513
Stddev	.0007009	.0000313	.000118	3.0473	.0006105	.0001190
%RSD	10.26497	2.412864	18.31408	1.105778	1.120564	26.37071

#1	.0075285	.0012907	-.000607	278.4162	.0539297	.0003501
#2	.0061267	.0013328	-.000780	275.9644	.0551365	.0005824
#3	.0068292	.0012715	-.000553	272.3582	.0543728	.0004214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065279	110.1118	.0127204	276.3404	.0041764	.0000536
Stddev	.0017495	.7662	.0004858	1.9475	.0007976	.0005078
%RSD	26.79957	.6958008	3.818828	.7047386	19.09827	947.6077

#1	.0085425	110.6423	.0132390	277.9650	.0039877	.0001658
#2	.0053907	110.4597	.0122760	276.8745	.0050514	.0004959
#3	.0056507	109.2334	.0126461	274.1815	.0034901	-.000501

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.388627	.0018994	.0027287	-.068740	.0091402	-.015208
Stddev	.092472	.0029124	.0011785	.068162	.0012058	.003200
%RSD	23.79468	153.3336	43.18802	99.15883	13.19199	21.04327

#1	-.293687	.0001715	.0020933	.001779	.0095780	-.016231
#2	-.393776	.0002648	.0020043	-.134270	.0077767	-.011622
#3	-.478417	.0052619	.0040886	-.073730	.0100660	-.017772

Sample Name: ICSA Acquired: 08/02/2019 12:17:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.0014539	F .0009029	F -.000750	-.000056	F -.000163	W .0046984
Stddev	.0007267	.0027395	.000975	.000791	.000473	.0012936
%RSD	49.97943	303.4168	130.0250	1418.586	289.8876	27.53231

#1	.0021773	-.002245	-.001000	.000733	.000380	.0046686
#2	.0014603	.002743	.000326	-.000052	-.000390	.0060066
#3	.0007241	.002211	-.001575	-.000849	-.000479	.0034200

Elem	Sr4077
Units	ppm
Avg	F .1106972
Stddev	.0001317
%RSD	.1189367

#1	.1106832
#2	.1105731
#3	.1108353

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.351	2736.586	37674.09	6634.572	3279.921
Stddev	10.441	6.633	204.50	42.276	3.389
%RSD	.5716736	.2423913	.5428236	.6372121	.1033272

#1	1818.528	2730.940	37707.25	6593.852	3277.199
#2	1822.318	2743.892	37455.03	6631.613	3283.717
#3	1838.207	2734.927	37859.99	6678.249	3278.847

Sample Name: ICSAB Acquired: 08/02/2019 12:43:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.1031584	.1072561	.0466353	.0547149	.6091029	237.2180
Stddev	.0053174	.0026802	.0014561	.0010638	.0019442	.9841
%RSD	5.154545	2.498930	3.122294	1.944235	.3191959	.4148595

#1	.0994331	.1087574	.0452624	.0535032	.6099461	236.8773
#2	.1007942	.1088491	.0481623	.0551462	.6104833	236.4494
#3	.1092478	.1041616	.0464811	.0554954	.6068795	238.3271

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5301615	.5228315	1.012323	257.7974	.5590011	.5181805
Stddev	.0036871	.0031278	.002435	1.4884	.0025267	.0007032
%RSD	.6954681	.5982478	.2404966	.5773433	.4519930	.1356963

#1	.5289672	.5197487	1.009763	256.8063	.5562416	.5174915
#2	.5272195	.5227434	1.012598	257.0770	.5612011	.5181531
#3	.5342977	.5260025	1.014609	259.5089	.5595606	.5188970

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4782188	103.1022	.5237527	257.4533	1.045413	.2070124
Stddev	.0025368	.5136	.0020310	1.2780	.002280	.0008691
%RSD	.5304678	.4981389	.3877787	.4963878	.2180974	.4198338

#1	.4801504	102.7881	.5221953	256.6568	1.044347	.2078050
#2	.4753459	102.8236	.5230128	256.7757	1.043861	.2060830
#3	.4791602	103.6949	.5260499	258.9274	1.048031	.2071491

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.522152	.5158164	.9794420	-.205602	.0051197	-.018219
Stddev	.286708	.0038218	.0042657	.036174	.0039189	.000289
%RSD	54.90887	.7409308	.4355190	17.59409	76.54577	1.588268

#1	-.801684	.5141081	.9834707	-.247298	.0094486	-.017895
#2	-.536000	.5131466	.9749735	-.182603	.0018137	-.018309
#3	-.228771	.5201944	.9798820	-.186905	.0040968	-.018453

Sample Name: ICSAB Acquired: 08/02/2019 12:43:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) 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	.0011461	F .0048515	F -.004293	.0005071	F -.000146	W .0045036
Stddev	.0004040	.0022669	.000847	.0004555	.001212	.0008607
%RSD	35.25308	46.72596	19.73837	89.81695	828.8430	19.11194

#1	.0014930	.0025099	-.005250	.0000840	.000274	.0043935
#2	.0007025	.0050092	-.003995	.0009892	-.001512	.0037032
#3	.0012428	.0070356	-.003635	.0004482	.000800	.0054141

Elem	Sr4077
Units	ppm
Avg	F .1044067
Stddev	.0000795
%RSD	.0761134

#1	.1044751
#2	.1043195
#3	.1044254

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.805	2734.870	37401.43	6608.302	3271.797
Stddev	.258	5.802	93.08	28.654	3.001
%RSD	.0142671	.2121661	.2488806	.4336056	.0917374

#1	1807.069	2741.529	37335.72	6635.423	3274.932
#2	1806.554	2732.189	37360.62	6611.156	3271.510
#3	1806.792	2730.894	37507.95	6578.329	3268.949

Sample Name: CCV035 Acquired: 08/02/2019 12:47:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919704	5.043616	25.19862	4.974143	5.031242	398.9733	10.38700
Stddev	.005140	.003888	.03404	.013830	.002998	7.4206	.14182
%RSD	.1044774	.0770918	.1350692	.2780369	.0595856	1.859918	1.365373

#1	4.925574	5.046327	25.17555	4.961908	5.033831	391.3922	10.23576
#2	4.917529	5.045359	25.18261	4.989148	5.027958	406.2222	10.51701
#3	4.916010	5.039161	25.23771	4.971373	5.031939	399.3055	10.40822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5129300	2.425702	415.5886	15.10099	2.525160	14.96379	412.1560
Stddev	.0055502	.004305	5.2341	.02875	.002930	.03604	4.2950
%RSD	1.082061	.1774910	1.259435	.1903763	.1160169	.2408772	1.042073

#1	.5068726	2.420800	409.9037	15.07178	2.525570	14.98219	407.6490
#2	.5177715	2.428868	420.2078	15.12926	2.522048	14.98691	416.2016
#3	.5141459	2.427439	416.6544	15.10193	2.527864	14.92225	412.6174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23688	406.2940	2.519031	1.289985	402.2569	2.537856	14.63824
Stddev	.20714	4.1928	.002399	.003113	3.2411	.024133	.06821
%RSD	1.359480	1.031951	.0952513	.2413592	.8057300	.9509287	.4659382

#1	15.01230	401.8284	2.518358	1.286583	398.8371	2.510790	14.71644
#2	15.42044	410.1464	2.517041	1.292693	405.2835	2.557132	14.59107
#3	15.27790	406.9071	2.521696	1.290680	402.6502	2.545647	14.60720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.3911	5.038174	5.098257	4.943231	5.066025	5.043200	4.994739
Stddev	.4365	.015974	.058449	.002010	.030885	.062291	.019829
%RSD	.2845466	.3170606	1.146444	.0406649	.6096401	1.235145	.3969880

#1	153.0344	5.042477	5.036173	4.941000	5.051664	4.977597	4.984177
#2	153.8778	5.020489	5.152222	4.943791	5.101475	5.101543	4.982428
#3	153.2609	5.051556	5.106376	4.944901	5.044935	5.050459	5.017613

Sample Name: CCV035 Acquired: 08/02/2019 12:47:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV035 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.059163	5.229565	5.100323
Stddev	.035209	.083326	.022849
%RSD	.6959426	1.593366	.4479915

#1	5.022963	5.139231	5.107807
#2	5.093289	5.303421	5.118491
#3	5.061237	5.246042	5.074670

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1693.142	2609.908	36892.47	6456.193	3257.286
Stddev	8.980	3.039	40.49	49.655	2.090
%RSD	.5303941	.1164219	.1097455	.7691027	.0641774

#1	1684.369	2606.450	36855.73	6513.136	3256.034
#2	1702.317	2611.124	36935.88	6421.915	3259.699
#3	1692.739	2612.150	36885.82	6433.527	3256.124

Sample Name: K3864-11DLX2 Acquired: 08/02/2019 12:55:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.613564	k -.096954	k .3417114	k -.091048	k .0407206	k 107.6687
Stddev	.019409	.003845	.0017464	.002038	.0012794	.1947
%RSD	.5371205	3.965483	.5110855	2.238811	3.141803	.1808174

#1	3.592090	k -.101073	k .3397122	k -.090726	k .0411559	k 107.8894
#2	3.629855	k -.096328	k .3424821	k -.093228	k .0392803	k 107.5954
#3	3.618749	k -.093461	k .3429399	k -.089190	k .0417254	k 107.5212

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5227900	.0296308	k .0211774	^ *****	k 3.185471	.0597323
Stddev	.0016626	.0000306	.0002754	-----	.006079	.0000942
%RSD	.3180229	.1031364	1.300399	-----	.1908398	.1577125

#1	.5246774	.0296580	k .0214868	^ -----	k 3.183536	.0596663
#2	.5221504	.0296368	k .0209592	^ -----	k 3.192282	.0598402
#3	.5215423	.0295977	k .0210862	^ -----	k 3.180594	.0596903

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 3.458419	kF 1075.890	4.273324	11.24084	.2220068	k -.026673
Stddev	.012456	10.934	.011258	.04539	.0009612	.000684
%RSD	.3601745	1.016293	.2634466	.4037904	.4329635	2.565569

#1	k 3.452488	k 1087.031	4.284126	11.22863	.2222179	k -.025884
#2	k 3.450037	k 1075.463	4.261660	11.29109	.2209575	k -.027105
#3	k 3.472733	k 1065.175	4.274185	11.20281	.2228448	k -.027029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 4.096669	k .1544666	k .8253523	3.521618	kF 10.66069	^ *****
Stddev	.269345	.0024322	.0049775	.015865	.09353	-----
%RSD	6.574743	1.574600	.6030752	.4504916	.8773342	-----

#1	k 4.400189	k .1517310	k .8257387	3.537449	k 10.55715	^ -----
#2	k 4.003675	k .1552840	k .8301254	3.521685	k 10.73905	^ -----
#3	k 3.886142	k .1563849	k .8201929	3.505720	k 10.68588	^ -----

Sample Name: K3864-11DLX2 Acquired: 08/02/2019 12:55:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179482	29.97200	15.79370	1.148435	1.468128	.0498625
Stddev	.0010125	.13031	.04531	.000685	.006309	.0012103
%RSD	5.641353	.4347664	.2868611	.0596528	.4297004	2.427256

#1	.0170112	29.83713	15.83865	1.148328	1.469877	.0505386
#2	.0190223	30.09721	15.79440	1.147811	1.461130	.0505836
#3	.0178113	29.98165	15.74804	1.149168	1.473378	.0484652

Elem	Sr4077
Units	ppm
Avg	.3319398
Stddev	.0003276
%RSD	.0986898

#1	.3322423
#2	.3315919
#3	.3319854

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1907.314	2928.705	40064.07	7040.182	3445.118
Stddev	15.368	4.046	310.15	48.120	12.981
%RSD	.8057514	.1381511	.7741334	.6835053	.3767846

#1	1907.001	2924.224	40013.94	7007.974	3430.456
#2	1892.105	2932.089	39782.03	7017.074	3455.145
#3	1922.837	2929.803	40396.23	7095.497	3449.753

Sample Name: CCB035 Acquired: 08/02/2019 12:51:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB035 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009050	.0028497	.0016488	-.002042	-.000720	.0158515	.0005479
Stddev	.0013428	.0018359	.0016495	.001257	.000219	.0059075	.0006508
%RSD	148.3724	64.42607	100.0419	61.55427	30.46490	37.26787	118.7789

#1	.0008784	.0027422	.0024921	-.001454	-.000879	.0090772	.0012460
#2	.0022609	.0047370	.0027061	-.003485	-.000811	.0199313	-.000042
#3	-.000424	.0010699	-.000252	-.001186	-.000470	.0185462	.000440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000101	.0001031	.0221217	.0004998	-.000106	.0109235	.0240548
Stddev	.0000123	.0000380	.0053170	.0005627	.000190	.0004150	.0090300
%RSD	122.5148	36.85791	24.03502	112.5882	179.5410	3.799616	37.53914

#1	-.000004	.0001406	.0180811	.0002426	-.000050	.0108736	.0171426
#2	.000016	.0000647	.0201389	.0001117	.000050	.0105356	.0207503
#3	.000018	.0001039	.0281452	.0011451	-.000317	.0113612	.0342716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006543	.0227406	.0001738	-.000107	.1705506	-.003111	.0004792
Stddev	.0001502	.0205651	.0002316	.000372	.1125563	.002518	.0015815
%RSD	22.95946	90.43353	133.2644	348.1479	65.99581	80.95220	330.0351

#1	.0007499	.0100290	.0003136	.000094	.0628791	-.004847	.0019332
#2	.0007317	.0117258	-.000094	-.000537	.2874264	-.000223	-.001205
#3	.0004811	.0464669	.000301	.000121	.1613463	-.004262	.000709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1809824	-.001592	.0090075	.0012215	-.003585	-.004332	.0020316
Stddev	.0236819	.002497	.0010411	.0002281	.001094	.000906	.0007250
%RSD	13.08522	156.8138	11.55854	18.67603	30.51848	20.90634	35.68641

#1	.1698457	.000023	.0099643	.0009934	-.004835	-.003286	.0017831
#2	.2081798	-.000332	.0078987	.0012214	-.003118	-.004871	.0028483
#3	.1649218	-.004468	.0091595	.0014496	-.002802	-.004838	.0014636

Sample Name: CCB035 Acquired: 08/02/2019 12:51:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB035 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011470	.0073517	.0000646
Stddev	.0005922	.0018120	.0000845
%RSD	51.63076	24.64738	130.7958

#1	.0011266	.0076890	.0000241
#2	.0005653	.0089713	.0000080
#3	.0017491	.0053947	.0001617

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1911.605	2823.328	38445.19	6658.939	3273.450
Stddev	3.288	4.522	118.37	35.460	3.010
%RSD	.1720133	.1601506	.3078884	.5325248	.0919426

#1	1908.727	2820.972	38335.33	6692.431	3276.811
#2	1910.898	2828.542	38570.55	6621.793	3272.536
#3	1915.189	2820.472	38429.70	6662.591	3271.004

Sample Name: K3864-11DL2X4 Acquired: 08/02/2019 14:09:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.871565	.0232457	.1438543	.0282245	-.003258	54.03590
Stddev	.008840	.0047916	.0032564	.0022242	.002390	.26812
%RSD	.4723284	20.61269	2.263699	7.880304	73.36333	.4961910

#1	1.865214	.0225146	.1469297	.0292610	-.001318	53.76383
#2	1.867821	.0283608	.1404429	.0297412	-.002527	54.29989
#3	1.881661	.0188617	.1441903	.0256712	-.005928	54.04398

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2669806	.0153310	-.003935	19.28181	1.567160	.0295514
Stddev	.0027593	.0003594	.000153	.49576	.003738	.0005113
%RSD	1.033527	2.344256	3.898728	2.571132	.2385352	1.730260

#1	.2639946	.0149313	-.003804	18.79333	1.563804	.0290509
#2	.2694361	.0154344	-.004104	19.78454	1.566488	.0295305
#3	.2675112	.0156274	-.003896	19.26755	1.571189	.0300729

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.799298	F 560.0785	2.186715	5.630104	.1113310	.0116739
Stddev	.002049	3.7575	.019729	.052516	.0007965	.0003868
%RSD	.1138891	.6708919	.9022101	.9327703	.7154309	3.312903

#1	1.796938	556.5431	2.168529	5.587721	.1116154	.0112733
#2	1.800331	564.0245	2.207689	5.613737	.1104313	.0120451
#3	1.800626	559.6678	2.183928	5.688855	.1119462	.0117033

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.338077	.0812594	.3686706	1.890942	5.618592	.0734599
Stddev	.094771	.0026688	.0051401	.038799	.032247	.0167243
%RSD	28.03246	3.284271	1.394216	2.051832	.5739330	22.76652

#1	-.412505	.0794895	.3745523	1.848648	5.593186	.0899937
#2	-.370339	.0843291	.3664190	1.924887	5.607720	.0738344
#3	-.231387	.0799597	.3650406	1.899292	5.654870	.0565515

Sample Name: K3864-11DL2X4 Acquired: 08/02/2019 14:09:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095608	15.64644	8.132970	.5747110	.7451518	.0226185
Stddev	.0005859	.03325	.129834	.0032466	.0043746	.0023822
%RSD	6.128493	.2125347	1.596396	.5649027	.5870720	10.53185

#1	.0089161	15.61563	7.983050	.5750172	.7406484	.0239125
#2	.0097055	15.64199	8.207819	.5713222	.7493850	.0240736
#3	.0100608	15.68169	8.208040	.5777936	.7454222	.0198694

Elem	Sr4077
Units	ppm
Avg	.1685127
Stddev	.0006629
%RSD	.3933806

#1	.1681529
#2	.1692777
#3	.1681076

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.870	2866.448	38958.09	6855.042	3402.346
Stddev	25.111	2.846	151.36	90.184	9.273
%RSD	1.336489	.0992916	.3885218	1.315590	.2725456

#1	1860.287	2864.125	38856.78	6923.163	3392.469
#2	1868.885	2869.623	38885.40	6752.769	3410.865
#3	1907.438	2865.597	39132.08	6889.193	3403.704

Sample Name: K3864-11DL3X8 Acquired: 08/02/2019 14:13:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8922217	.0157209	.0672880	.0150470	-.001281	25.63416	.1260197
Stddev	.0037337	.0012224	.0009611	.0010277	.000943	.24734	.0023378
%RSD	.4184680	7.775931	1.428327	6.829687	73.55642	.9648659	1.855126

#1	.8964305	.0159964	.0669611	.0138649	-.000240	25.90013	.1286850
#2	.8893081	.0167820	.0683699	.0155481	-.002076	25.41106	.1250576
#3	.8909264	.0143842	.0665330	.0157280	-.001528	25.59130	.1243163

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074282	-.002144	9.337609	.7423126	.0137298	.8540264	267.1071
Stddev	.0000358	.000024	.174034	.0028958	.0001711	.0090300	2.7141
%RSD	.4818244	1.134076	1.863797	.3901056	1.246364	1.057347	1.016118

#1	.0074379	-.002159	9.496773	.7448787	.0138675	.8643866	270.1558
#2	.0073886	-.002156	9.151782	.7391729	.0137836	.8498670	264.9538
#3	.0074582	-.002116	9.364271	.7428863	.0135382	.8478257	266.2117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.038178	2.700537	.0532650	.0051949	.8791173	.0380642	.1733524
Stddev	.013518	.032941	.0008624	.0004974	.1435048	.0017918	.0024857
%RSD	1.302108	1.219807	1.619071	9.574867	16.32373	4.707407	1.433895

#1	1.053441	2.735494	.0542608	.0057514	.9444596	.0379917	.1735889
#2	1.027713	2.696047	.0527610	.0050395	.9783227	.0363097	.1757114
#3	1.033381	2.670072	.0527733	.0047937	.7145697	.0398911	.1707569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9375974	2.681202	.0374389	.0047716	7.431139	3.938978	.2712762
Stddev	.0168885	.012429	.0050421	.0004865	.037767	.073513	.0024765
%RSD	1.801253	.4635583	13.46743	10.19640	.5082245	1.866296	.9128915

#1	.9208495	2.672826	.0354524	.0042506	7.429611	3.990113	.2693535
#2	.9373195	2.695483	.0431717	.0048502	7.469647	3.854733	.2704045
#3	.9546231	2.675297	.0336927	.0052140	7.394160	3.972087	.2740706

Sample Name: K3864-11DL3X8 Acquired: 08/02/2019 14:13:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52F3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3533317	.0099926	.0793041
Stddev	.0026148	.0005753	.0006178
%RSD	.7400486	5.757617	.7789946

#1	.3563220	.0101751	.0799982
#2	.3521981	.0104546	.0788146
#3	.3514749	.0093482	.0790996

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.535	2868.267	38969.62	6729.034	3390.695
Stddev	15.656	2.277	279.20	93.457	3.874
%RSD	.8211935	.0793937	.7164453	1.388858	.1142565

#1	1911.208	2865.903	38778.92	6635.274	3395.103
#2	1889.074	2868.449	38839.85	6822.184	3387.832
#3	1919.323	2870.447	39290.08	6729.644	3389.149

Sample Name: CCV036 Acquired: 08/02/2019 14:17:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV036 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.930976	5.111050	25.05803	4.899529	4.957496	394.5192	10.28246
Stddev	.022733	.007215	.07057	.012074	.013338	6.0725	.07193
%RSD	.4610160	.1411609	.2816270	.2464418	.2690466	1.539213	.6994960

#1	4.943905	5.119349	24.99555	4.890294	4.962106	401.5100	10.35790
#2	4.904728	5.107534	25.04396	4.895101	4.942465	391.4947	10.27483
#3	4.944296	5.106268	25.13457	4.913193	4.967918	390.5528	10.21466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5091943	2.392558	411.5068	15.01037	2.508268	14.98803	406.9404
Stddev	.0057471	.007311	2.1511	.05464	.003877	.02856	1.5524
%RSD	1.128673	.3055738	.5227422	.3640130	.1545696	.1905227	.3814787

#1	.5131772	2.385165	413.7465	14.99522	2.506434	15.02100	408.3897
#2	.5026059	2.392727	411.3172	14.96490	2.505649	14.97202	407.1293
#3	.5117997	2.399784	409.4568	15.07099	2.512722	14.97107	405.3022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.07912	402.4869	2.500163	1.285567	398.7089	2.492673	14.58765
Stddev	.06156	1.8745	.005848	.002579	2.4558	.006174	.18631
%RSD	.4082211	.4657194	.2339206	.2005796	.6159406	.2476958	1.277185

#1	15.13769	404.0391	2.495594	1.288535	400.8933	2.498139	14.50123
#2	15.08472	403.0172	2.498142	1.283880	399.1827	2.493903	14.80148
#3	15.01496	400.4045	2.506754	1.284285	396.0507	2.485976	14.46025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.7679	5.207703	5.042657	4.924200	5.020826	5.013296	4.980961
Stddev	.3479	.019976	.060671	.011551	.018664	.078949	.018053
%RSD	.2277585	.3835905	1.203160	.2345807	.3717398	1.574786	.3624357

#1	153.1341	5.209353	5.091797	4.925119	5.012495	5.068438	4.960685
#2	152.4416	5.186953	4.974844	4.912217	5.007778	4.922857	4.986910
#3	152.7281	5.226803	5.061329	4.935264	5.042205	5.048594	4.995290

Sample Name: CCV036 Acquired: 08/02/2019 14:17:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.016707	5.202968	5.016478
Stddev	.005753	.038547	.112281
%RSD	.1146869	.7408600	2.238236

#1	5.020517	5.243195	5.116299
#2	5.019516	5.199352	5.038218
#3	5.010089	5.166357	4.894917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.520	2613.925	36615.21	6436.829	3250.734
Stddev	21.975	3.877	226.07	65.754	4.948
%RSD	1.314660	.1483128	.6174103	1.021534	.1522106

#1	1665.704	2610.172	36505.66	6361.150	3251.258
#2	1653.039	2613.687	36464.79	6479.976	3245.545
#3	1695.818	2617.915	36875.18	6469.361	3255.399

Sample Name: CCB036 Acquired: 08/02/2019 14:21:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB036 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003875	.0012793	.0015925	-.002228	-.001254	.0121403	.0006436
Stddev	.0010914	.0016704	.0018560	.000619	.001152	.0054048	.0002036
%RSD	281.6737	130.5676	116.5488	27.76851	91.87011	44.51949	31.63667

#1	.0014925	.0030440	.0025462	-.001574	-.001163	.0061016	.0008107
#2	-.000690	-.000277	.0027778	-.002304	-.000150	.0137948	.0004168
#3	.000360	.001071	-.000546	-.002804	-.002449	.0165244	.0007032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	.0000935	.0058907	.0002520	-.000002	.0107019	.0192518
Stddev	.000033	.0001111	.0030974	.0004106	.000047	.0036774	.0141786
%RSD	124.1773	118.8746	52.58201	162.9025	2610.017	34.36200	73.64863

#1	-.000028	-.000031	.0035430	.0007251	-.000005	.0148462	.0140621
#2	.000007	.000183	.0094013	-.000012	.000047	.0078286	.0352941
#3	-.000060	.000128	.0047278	.000043	-.000047	.0094310	.0083991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003512	-.002242	.0001820	-.000142	.2757493	-.002966	-.001612
Stddev	.0003376	.015290	.0001048	.000392	.0795407	.002135	.000125
%RSD	96.12746	682.0560	57.59490	275.0157	28.84529	71.98339	7.754694

#1	.0000695	.014203	.0002725	.000187	.2839151	-.002738	-.001619
#2	.0002587	-.016029	.0000672	-.000038	.1924407	-.000954	-.001483
#3	.0007254	-.004900	.0002064	-.000576	.3508921	-.005206	-.001733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1616189	-.000432	.0038741	.0009639	-.007766	-.004314	.0032211
Stddev	.1029476	.000977	.0011255	.0007194	.002605	.000612	.0005509
%RSD	63.69774	225.9247	29.05193	74.63713	33.54089	14.18047	17.10321

#1	.2592539	-.001245	.0043978	.0011035	-.010232	-.003753	.0029029
#2	.1715274	-.000703	.0025822	.0016032	-.005042	-.004223	.0029033
#3	.0540753	.000651	.0046424	.0001849	-.008023	-.004966	.0038573

Sample Name: CCB036 Acquired: 08/02/2019 14:21:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v939) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB036 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005110	.0062463	.0001441
Stddev	.0003670	.0008370	.0000892
%RSD	71.82015	13.40080	61.90071

#1	.0004881	.0053104	.0001218
#2	.0001559	.0069234	.0000682
#3	.0008888	.0065050	.0002423

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.008	2834.829	38638.00	6690.492	3275.860
Stddev	5.639	2.257	165.74	7.186	3.271
%RSD	.2943317	.0796069	.4289664	.1074052	.0998410

#1	1913.073	2837.424	38714.32	6687.579	3278.416
#2	1912.442	2833.332	38447.85	6685.219	3272.174
#3	1922.510	2833.730	38751.84	6698.677	3276.990