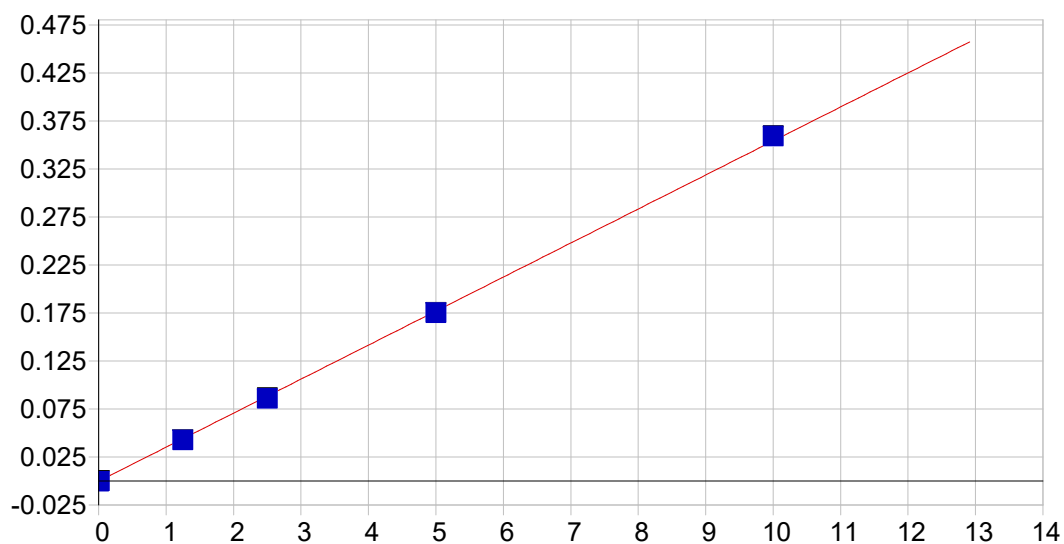


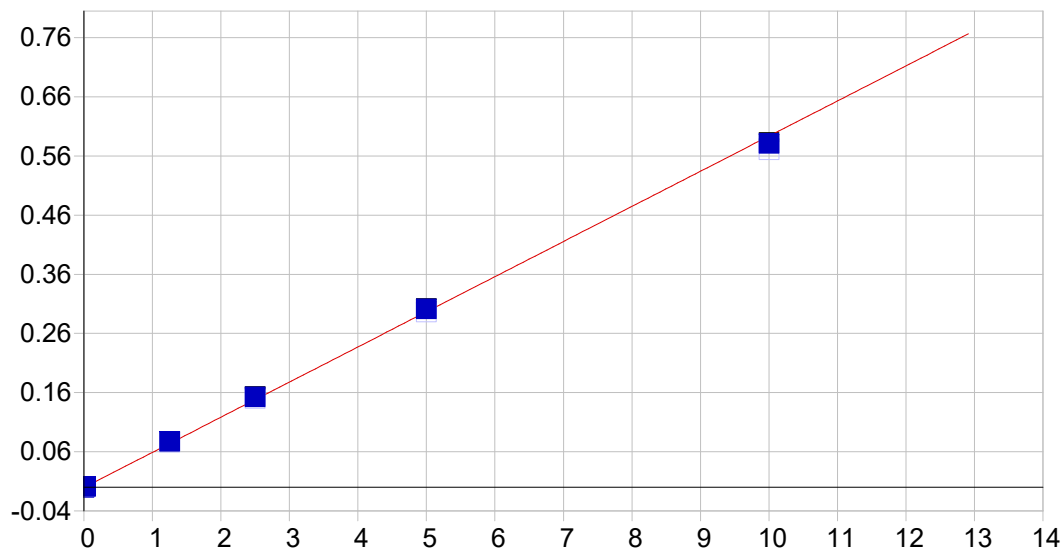


As 189.042 {479}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000239 Re-Slope: 1.000000
 A1 (Gain): 0.035437 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.003438
 Predicted MQL: 0.011460

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.01000	.01084	.001	8.42	.00014	.000	1
S2	1.2500	1.2142	-.036	-2.87	.04268	.000	1
S3	2.5000	2.4309	-.069	-2.76	.08570	.001	1
S4	5.0000	4.9577	-.042	-.846	.17503	.000	1
S5	10.000	10.146	.146	1.46	.35848	.000	1

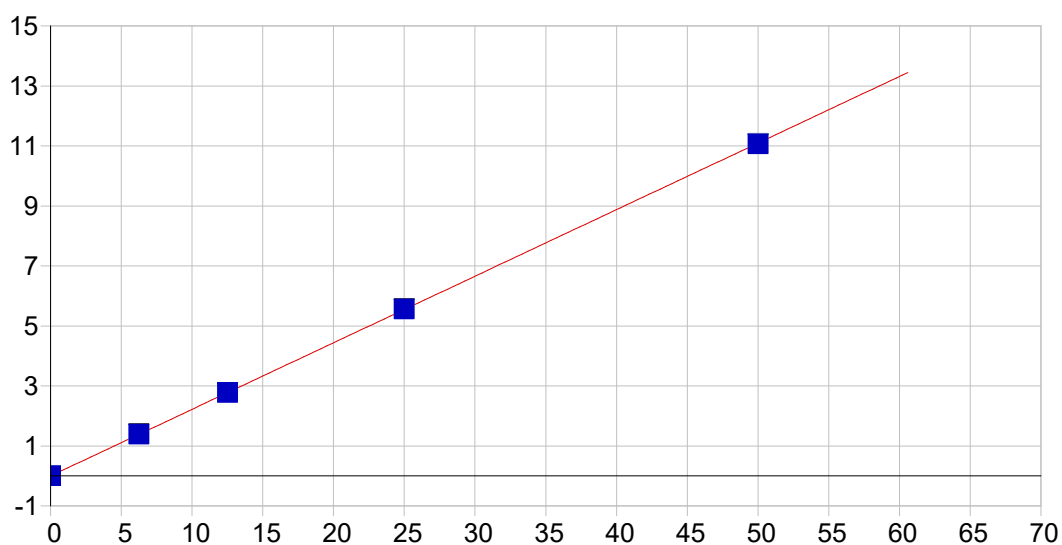


TI 190.856 {477}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000390 Re-Slope: 1.000000
 A1 (Gain): 0.059404 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999713 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.002249
 Predicted MQL: 0.007496

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.02500	.02498	-.000	-.095	.00103	.000	1
S2	1.2500	1.3054	.055	4.43	.07579	.000	1
S3	2.5000	2.5760	.076	3.04	.14989	.000	1
S4	5.0000	5.0783	.078	1.57	.29580	.001	1
S5	10.000	9.7904	-.210	-2.10	.57025	.002	1

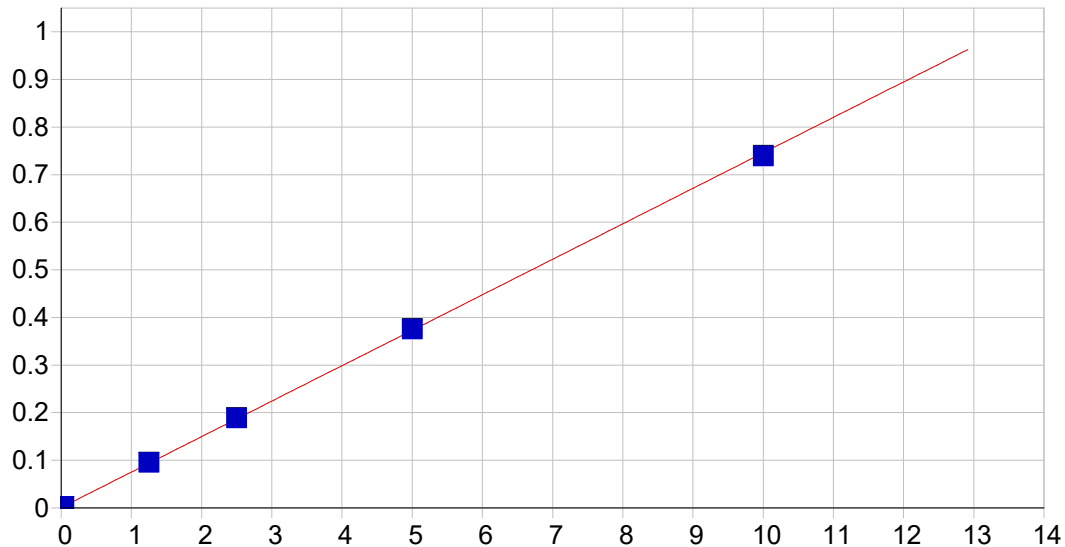


Pb 220.353 {453}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000208	Re-Slope:	1.000000
A1 (Gain):	0.221889	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.001583		
Predicted MQL:	0.005275		

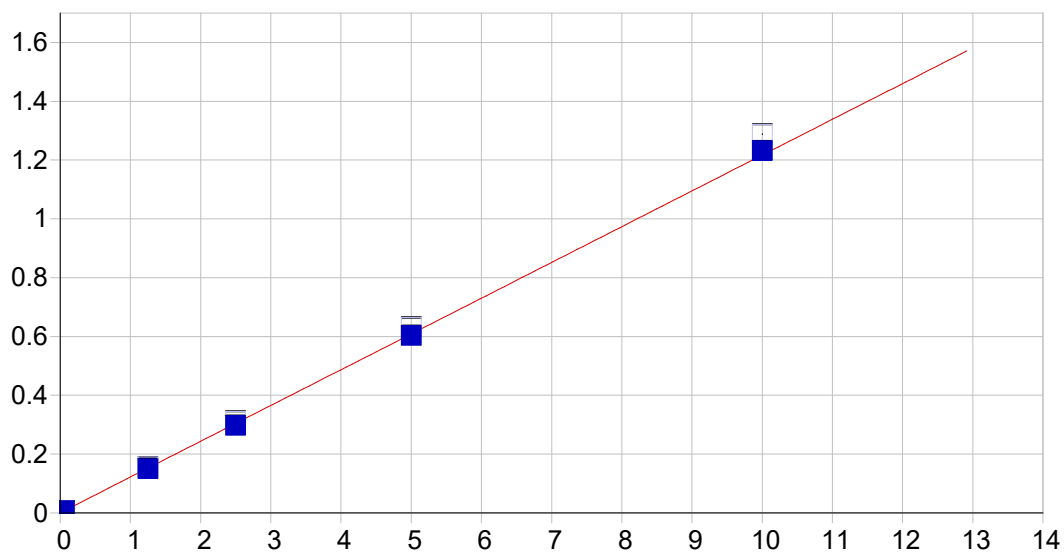
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.01000	.01030	.000	2.97	.00208	.000	1
S2	6.2500	6.2811	.031	.498	1.3938	.005	1
S3	12.500	12.512	.012	.096	2.7766	.001	1
S4	25.000	25.075	.075	.302	5.5649	.010	1
S5	50.000	49.881	-.119	-.238	11.070	.012	1



Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000743 Re-Slope: 1.000000
 A1 (Gain): 0.074507 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.002506
 Predicted MQL: 0.008354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00074	.000	1
S1	.03500	.03864	.004	10.4	.00362	.000	1
S2	1.2500	1.2737	.024	1.90	.09540	.000	1
S3	2.5000	2.5244	.024	.976	.18834	.001	1
S4	5.0000	5.0326	.033	.652	.37473	.001	1
S5	10.000	9.9157	-.084	-.843	.73757	.001	1

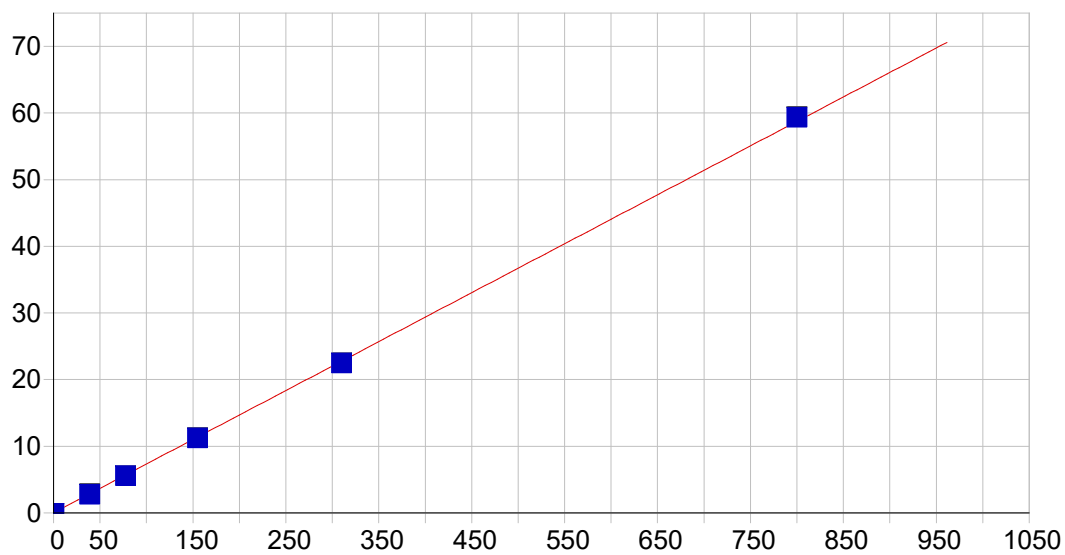


Sb 206.833 {463}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000363 Re-Slope: 1.000000
 A1 (Gain): 0.121643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.001735
 Predicted MQL: 0.005783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.06000	.05944	-.001	-.941	.00760	.000	1
S2	1.2500	1.2281	-.022	-1.75	.15676	.001	1
S3	2.5000	2.4420	-.058	-2.32	.31142	.002	1
S4	5.0000	4.9564	-.044	-.871	.63128	.002	1
S5	10.000	10.124	.124	1.24	1.2879	.001	1

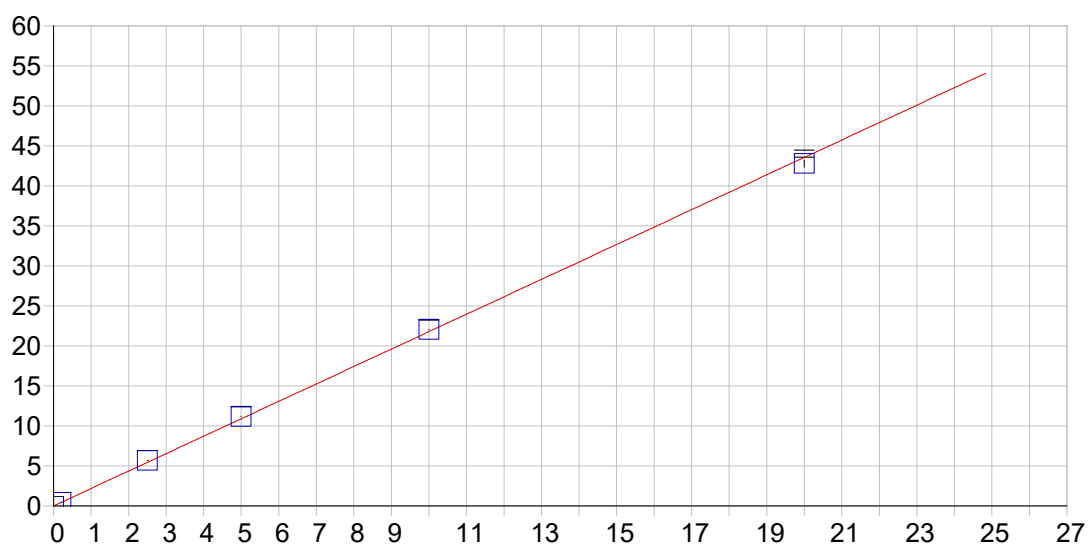


AI 396.152 { 85}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003946	Re-Slope:	1.000000
A1 (Gain):	0.073423	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999922	Status:	OK.
Std Error of Est:	0.000569		
Predicted MDL:	0.010030		
Predicted MQL:	0.033432		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00395	.001	1
S1	.20000	.20231	.002	1.15	.01905	.001	1
S2	38.750	38.111	-.639	-1.65	2.8079	.015	1
S3	77.500	75.806	-1.69	-2.19	5.5812	.016	1
S4	155.00	152.77	-2.23	-1.44	11.243	.038	1
S5	310.00	306.18	-3.82	-1.23	22.530	.036	1
S6	800.00	808.39	8.39	1.05	59.396	.063	1

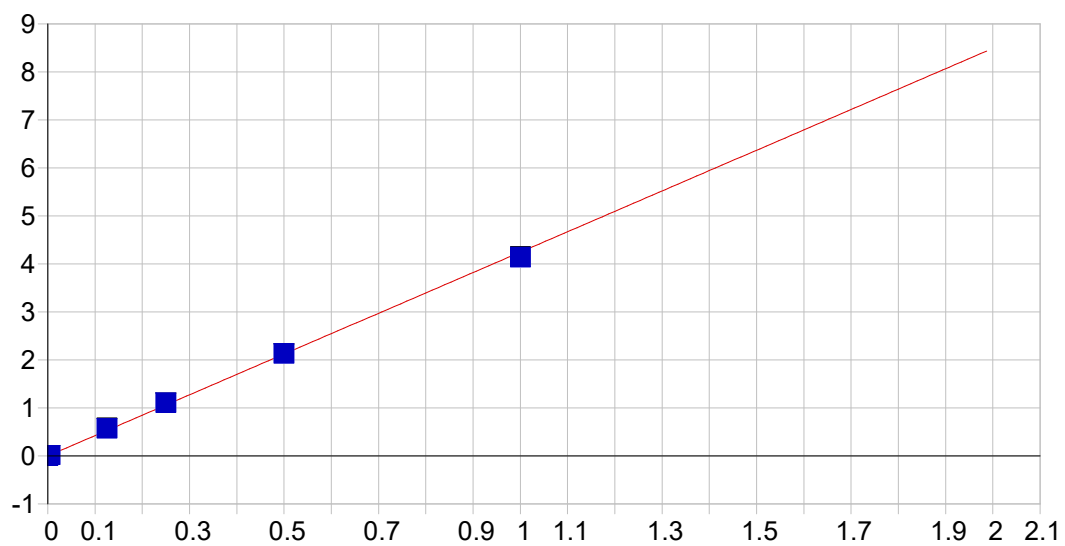


Ba 493.409 { 68}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001981 Re-Slope: 1.000000
 A1 (Gain): 2.177948 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.004604
 Predicted MDL: 0.000723
 Predicted MQL: 0.002411

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00195	.001	1
S1	.20000	.20322	.003	1.61	.44459	.001	1
S2	2.5000	2.6004	.100	4.01	5.6654	.005	1
S3	5.0000	5.1294	.129	2.59	11.174	.032	1
S4	10.000	10.117	.117	1.17	22.036	.030	1
S5	20.000	19.650	-.350	-1.75	42.799	.433	1

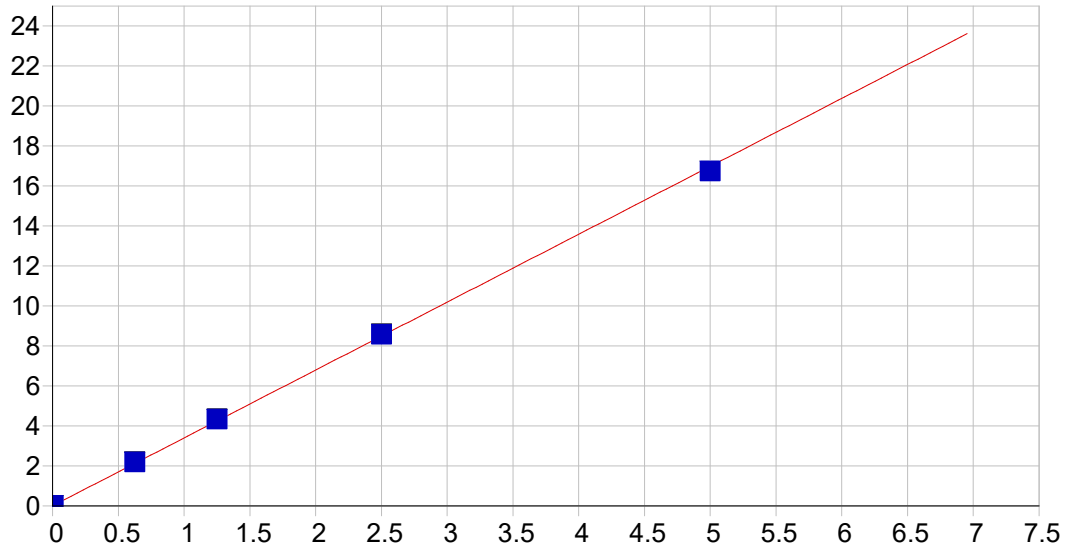


Be 234.861 {144}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000735	Re-Slope:	1.000000
A1 (Gain):	4.245971	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999469	Status:	OK.
Std Error of Est:	0.000518		
Predicted MDL:	0.000064		
Predicted MQL:	0.000214		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00074	.000	1
S1	.00500	.00518	.000	3.52	.02123	.000	1
S2	.12500	.13554	.011	8.43	.57300	.004	1
S3	.25000	.26115	.011	4.46	1.1046	.005	1
S4	.50000	.50228	.002	.457	2.1249	.003	1
S5	1.0000	.97585	-.024	-2.42	4.1286	.010	1

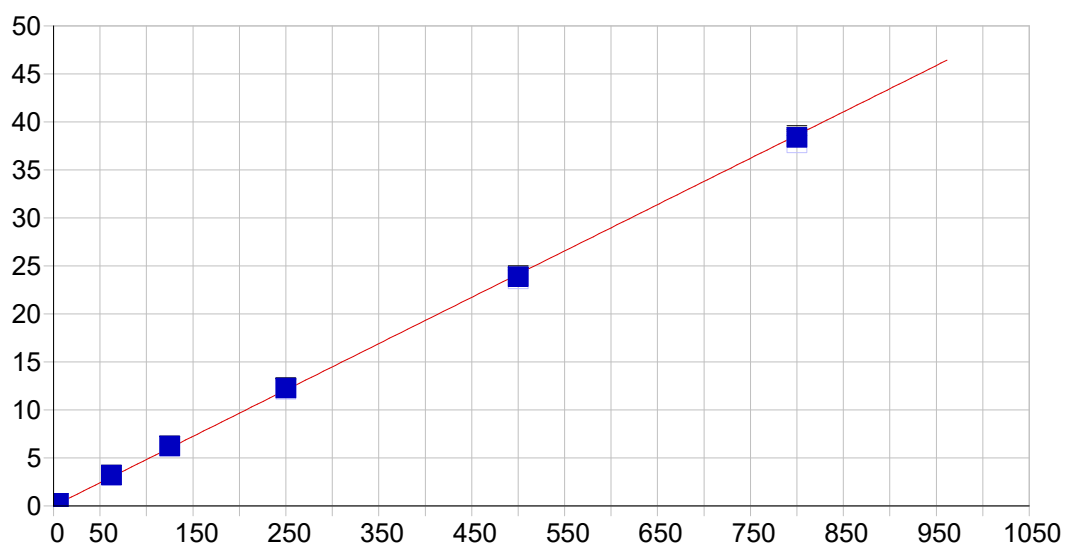


Cd 214.438 {457}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001343 Re-Slope: 1.000000
 A1 (Gain): 3.396546 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.000459
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00134	.000	1
S1	.00500	.00506	.000	1.17	.01853	.000	1
S2	.62500	.64553	.021	3.28	2.1972	.006	1
S3	1.2500	1.2748	.025	1.98	4.3376	.010	1
S4	2.5000	2.5257	.026	1.03	8.5930	.019	1
S5	5.0000	4.9290	-.071	-1.42	16.769	.011	1

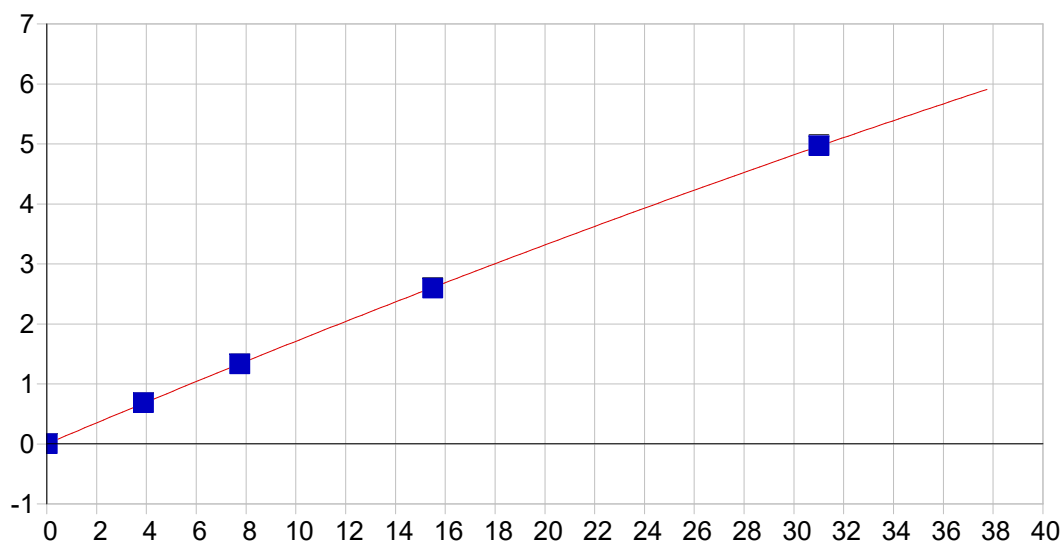


Ca 373.690 { 90}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001321 Re-Slope: 1.000000
 A1 (Gain): 0.048284 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.002783
 Predicted MDL: 0.012664
 Predicted MQL: 0.042215

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00061	-.001	.000	.00129	.000	1
S1	5.0000	5.1930	.193	3.86	.25199	.000	1
S2	62.500	65.957	3.46	5.53	3.1590	.006	1
S3	125.00	128.85	3.85	3.08	6.1687	.016	1
S4	250.00	253.69	3.69	1.48	12.142	.045	1
S5	500.00	494.25	-5.75	-1.15	23.650	.108	1
S6	800.00	794.52	-5.48	-.685	37.788	.212	1

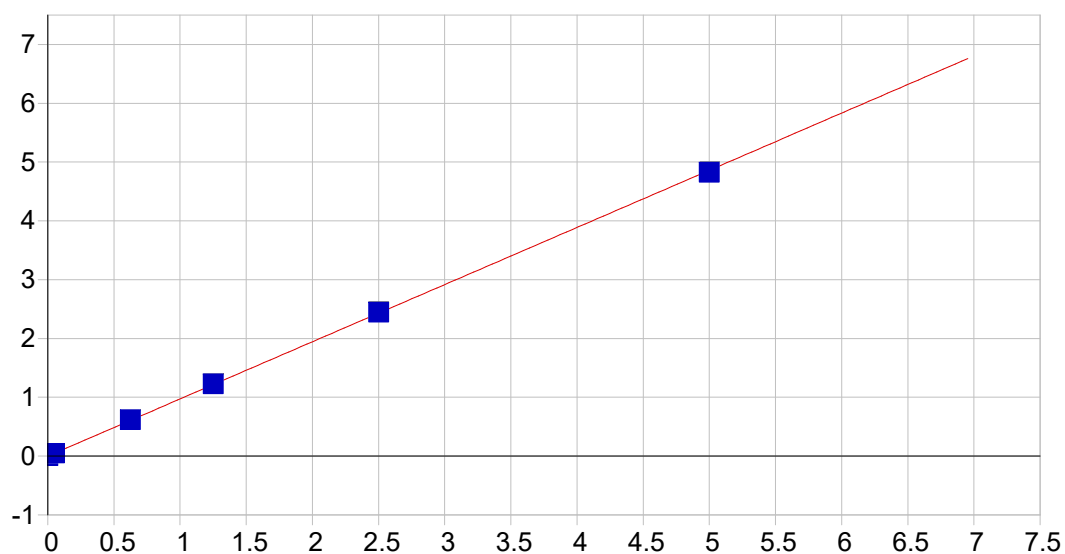


Cr 267.716 {126}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.176291 Y-int: 0.000000
 A2 (Curvature): -0.000524
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.000461
 Predicted MQL: 0.001537

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01060	.001	6.00	.00181	.000	1
S2	3.8750	3.9296	.055	1.41	.68546	.001	1
S3	7.7500	7.7376	-.012	-.160	1.3343	.002	1
S4	15.500	15.415	-.085	-.545	2.5965	.005	1
S5	31.000	31.043	.043	.137	4.9744	.012	1

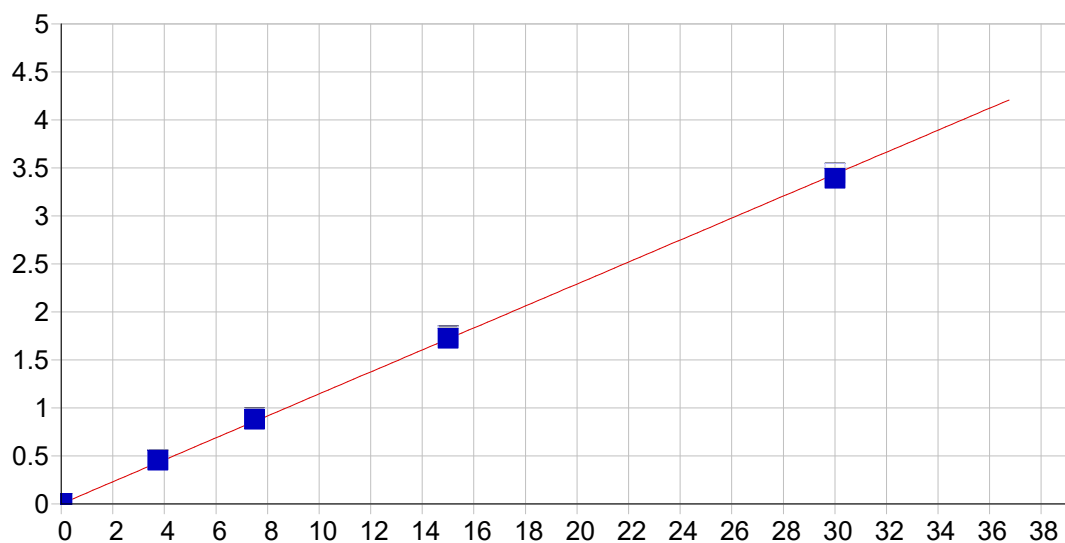


Co 228.616 {448}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000041	Re-Slope:	1.000000
A1 (Gain):	0.972120	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000222		
Predicted MDL:	0.000248		
Predicted MQL:	0.000826		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.05000	.04906	-.001	-1.87	.04791	.000	1
S2	.62500	.63598	.011	1.76	.61926	.002	1
S3	1.2500	1.2632	.013	1.05	1.2299	.002	1
S4	2.5000	2.5136	.014	.542	2.4474	.005	1
S5	5.0000	4.9632	-.037	-.736	4.8326	.003	1

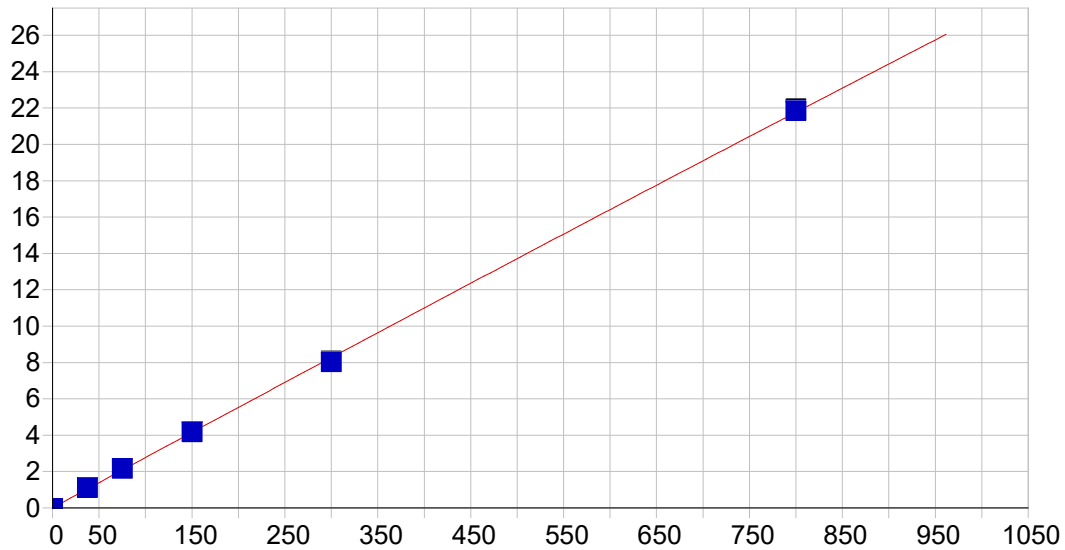


Cu 324.754 {104}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001585 Re-Slope: 1.000000
 A1 (Gain): 0.114450 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.003128
 Predicted MQL: 0.010426

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00159	.000	1
S1	.02500	.02016	-.005	-19.4	.00446	.000	1
S2	3.7500	3.9407	.191	5.09	.45949	.001	1
S3	7.5000	7.6632	.163	2.18	.89241	.003	1
S4	15.000	15.049	.049	.329	1.7515	.002	1
S5	30.000	29.602	-.398	-1.33	3.4446	.002	1

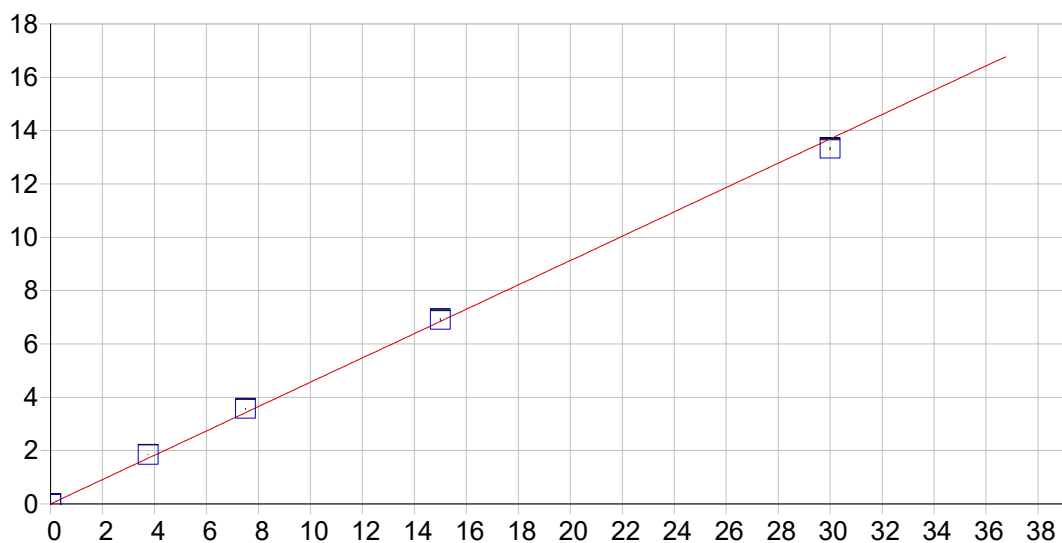


Fe 259.837 {130}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000338 Re-Slope: 1.000000
 A1 (Gain): 0.027788 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999793 Status: OK.
 Std Error of Est: 0.000273
 Predicted MDL: 0.007379
 Predicted MQL: 0.024596

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00034	.000	1
S1	.10000	.09714	-.003	-2.86	.00315	.000	1
S2	37.500	39.992	2.49	6.65	1.1127	.006	1
S3	75.000	77.772	2.77	3.70	2.1614	.005	1
S4	150.00	150.92	.920	.613	4.1863	.020	1
S5	300.00	290.88	-9.12	-3.04	8.0396	.034	1
S6	800.00	802.94	2.94	.368	21.874	.082	1

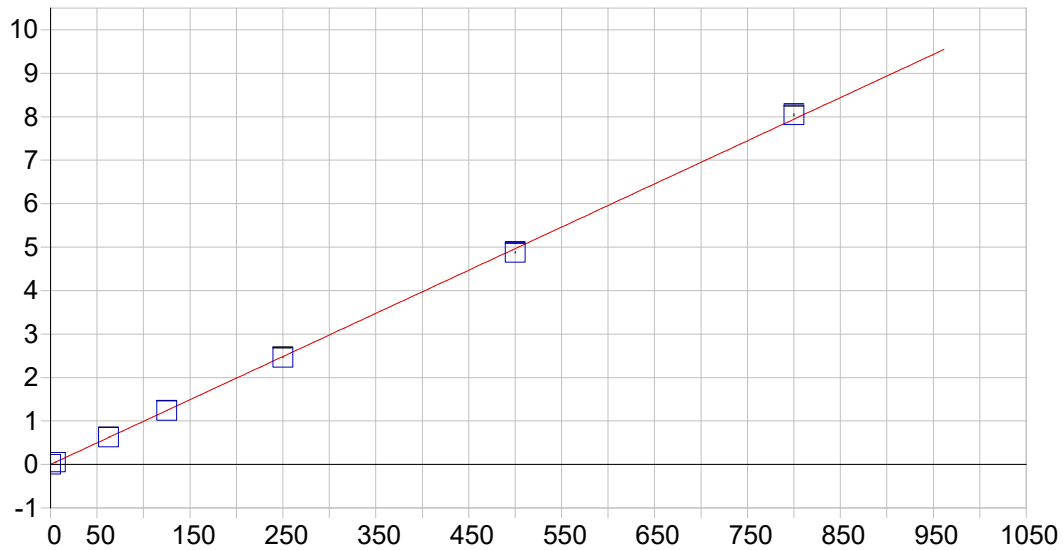


Mn 257.610 {131}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000227	Re-Slope:	1.000000
A1 (Gain):	0.456275	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999457	Status:	OK.
Std Error of Est:	0.000535		
Predicted MDL:	0.000459		
Predicted MQL:	0.001529		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00022	.000	1
S1	.01500	.01703	.002	13.5	.00800	.000	1
S2	3.7500	4.0538	.304	8.10	1.8499	.007	1
S3	7.5000	7.8281	.328	4.37	3.5720	.015	1
S4	15.000	15.149	.149	.993	6.9123	.036	1
S5	30.000	29.217	-.783	-2.61	13.331	.042	1

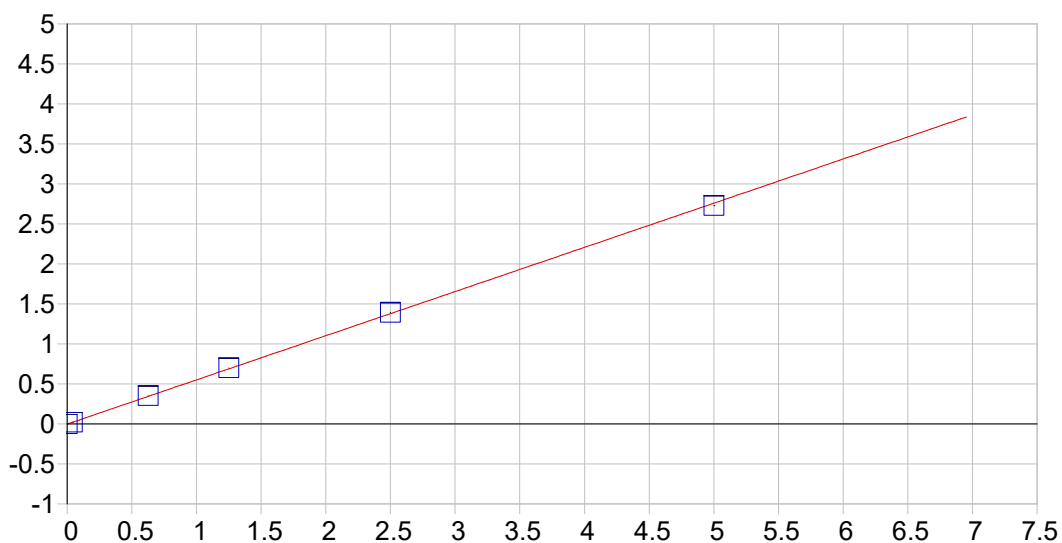


Mg 279.079 {121}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.009930 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000462
 Predicted MDL: 0.025182
 Predicted MQL: 0.083940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00017	.000	1
S1	5.0000	5.0304	.030	.608	.04978	.000	1
S2	62.500	63.256	.756	1.21	.62798	.002	1
S3	125.00	124.88	-.119	-.095	1.2399	.003	1
S4	250.00	248.13	-1.87	-.749	2.4638	.012	1
S5	500.00	491.10	-8.90	-1.78	4.8766	.018	1
S6	800.00	810.10	10.1	1.26	8.0443	.028	1

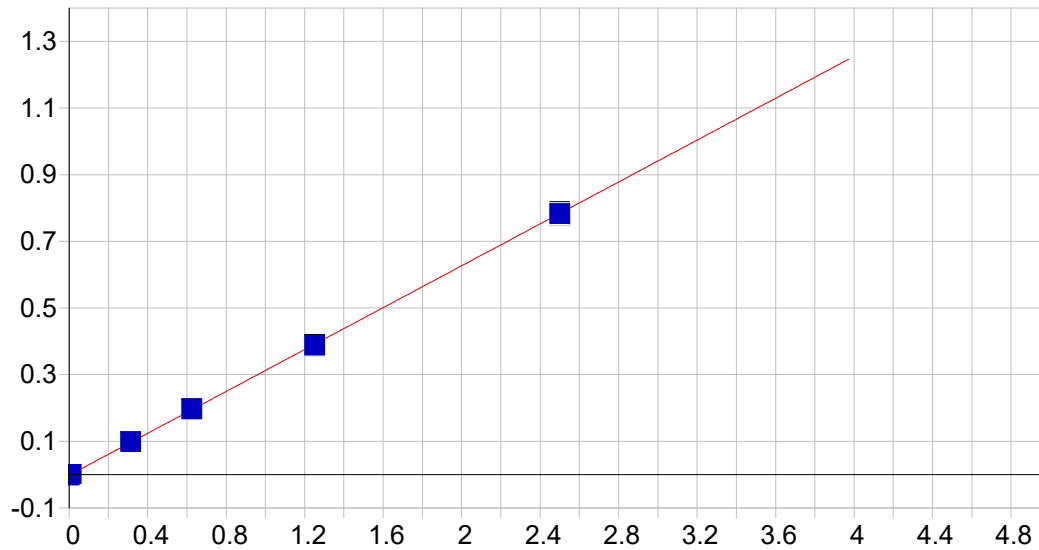


Ni 231.604 {446}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001710	Re-Slope:	1.000000
A1 (Gain):	0.552117	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.000446		
Predicted MQL:	0.001485		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00171	.000	1
S1	.04000	.04133	.001	3.32	.02111	.000	1
S2	.62500	.63777	.013	2.04	.35041	.001	1
S3	1.2500	1.2678	.018	1.42	.69825	.002	1
S4	2.5000	2.5238	.024	.950	1.3917	.004	1
S5	5.0000	4.9444	-.056	-1.11	2.7282	.001	1

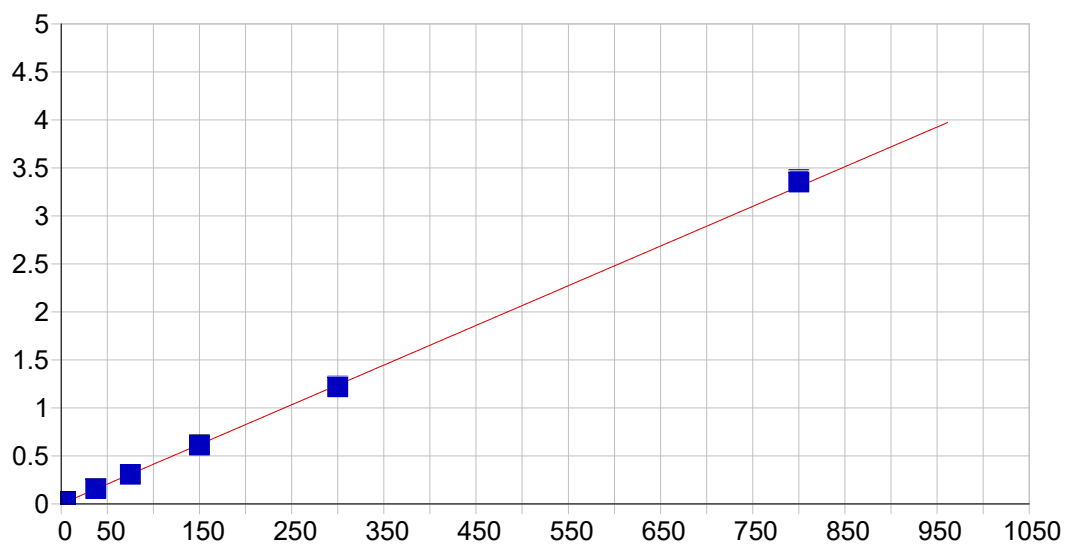


Ag 328.068 {103}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001836	Re-Slope:	1.000000
A1 (Gain):	0.314230	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000463		
Predicted MQL:	0.001545		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00184	.000	1
S1	.01000	.01048	.000	4.77	.00143	.000	1
S2	.31250	.31890	.006	2.05	.09753	.001	1
S3	.62500	.63141	.006	1.03	.19489	.001	1
S4	1.2500	1.2415	-.009	-.682	.38491	.002	1
S5	2.5000	2.4952	-.005	-.191	.77552	.007	1

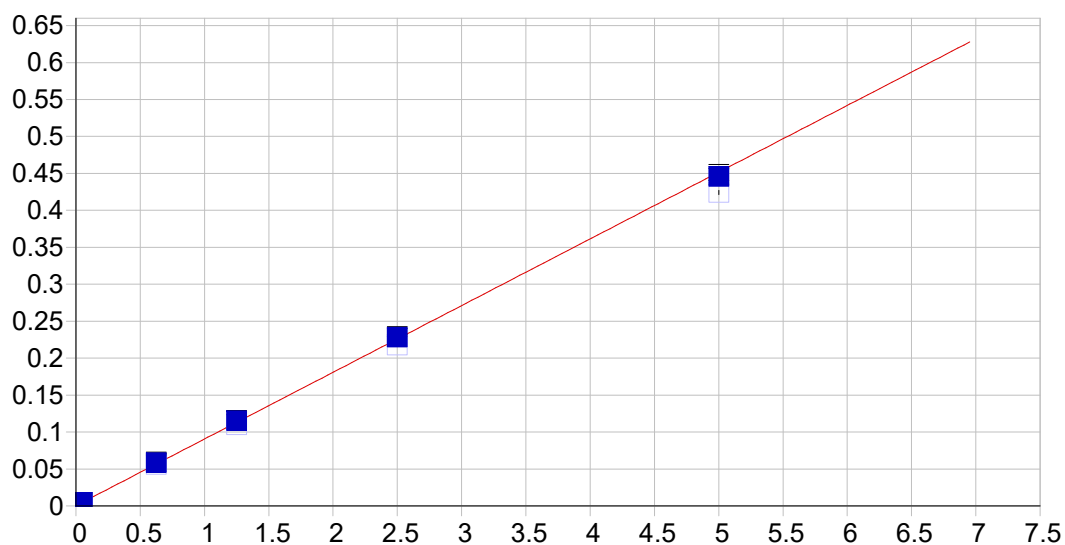


Na 818.326 { 41}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001639	Re-Slope:	1.000000
A1 (Gain):	0.004131	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999872	Status:	OK.
Std Error of Est:	0.000206		
Predicted MDL:	0.316491		
Predicted MQL:	1.054969		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00043	.000	.000	.00164	.001	1
S1	5.0000	4.7998	-.200	-4.00	.02147	.001	1
S2	37.500	37.497	-.003	-.009	.15724	.001	1
S3	75.000	73.646	-1.35	-1.81	.30727	.001	1
S4	150.00	146.92	-3.08	-2.06	.61134	.003	1
S5	300.00	294.05	-5.95	-1.98	1.2219	.003	1
S6	800.00	810.59	10.6	1.32	3.3651	.012	1

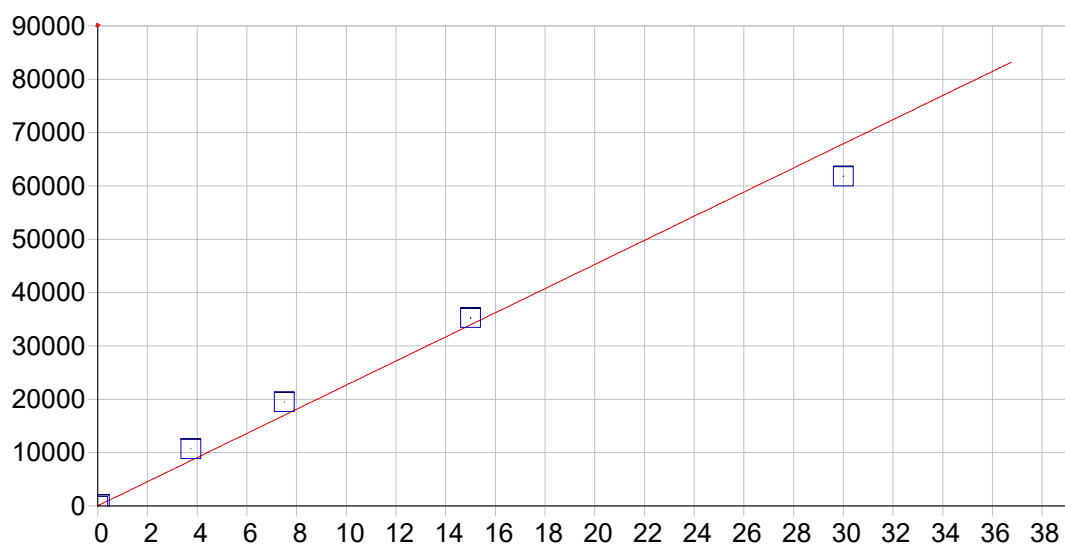


V 292.402 {115}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000269	Re-Slope:	1.000000
A1 (Gain):	0.090278	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.003137		
Predicted MQL:	0.010457		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.05000	.04932	-.001	-1.37	.00471	.000	1
S2	.62500	.64442	.019	3.11	.05574	.001	1
S3	1.2500	1.2718	.022	1.74	.10967	.001	1
S4	2.5000	2.5244	.024	.977	.21735	.001	1
S5	5.0000	4.9351	-.065	-1.30	.42416	.003	1

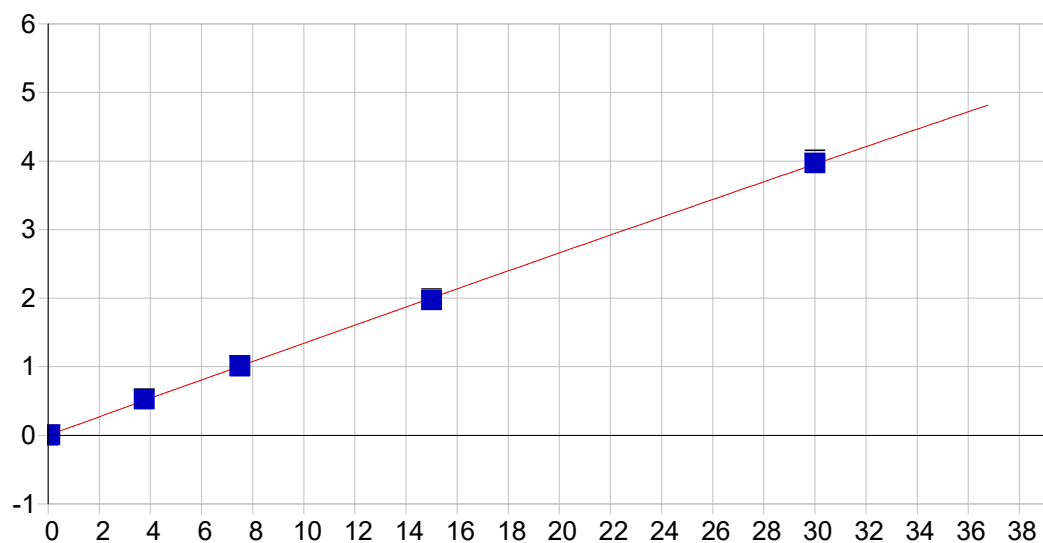


Zn 206.200 {464}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 13.887339 Re-Slope: 1.000000
 A1 (Gain): 2262.711392 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.993938 Status: OK.
 Std Error of Est: 17.808563
 Predicted MDL: 0.000297
 Predicted MQL: 0.000990

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	13.774	.242	1
S1	.06000	.08892	.029	48.2	215.08	2.50	1
S2	3.7500	4.7199	.970	25.9	10694.	39.5	1
S3	7.5000	8.6027	1.10	14.7	19479.	31.4	1
S4	15.000	15.580	.580	3.86	35266.	92.1	1
S5	30.000	27.319	-2.68	-8.94	61829.	61.2	1

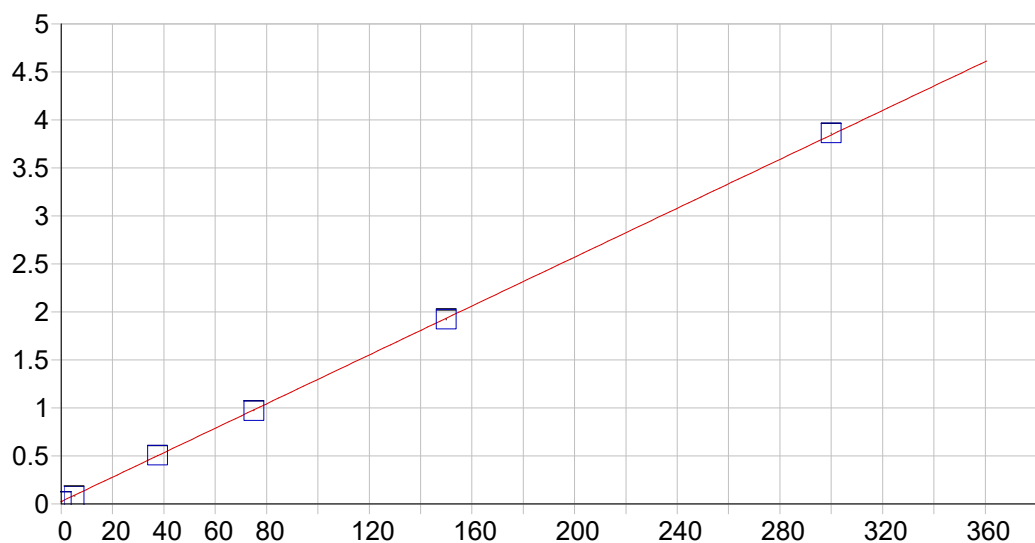


Zn 213.856 {158}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000244 Re-Slope: 1.000000
 A1 (Gain): 0.135466 Y-int: 0.000000
 A2 (Curvature): -0.000121
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000156
 Predicted MDL: 0.003025
 Predicted MQL: 0.010083

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00025	.000	1
S1	.06000	.07069	.011	17.8	.00936	.000	1
S2	3.7500	3.8906	.141	3.75	.52579	.007	1
S3	7.5000	7.4775	-.023	-.300	1.0076	.010	1
S4	15.000	14.761	-.239	-1.59	1.9763	.015	1
S5	30.000	30.110	.110	.367	3.9755	.040	1

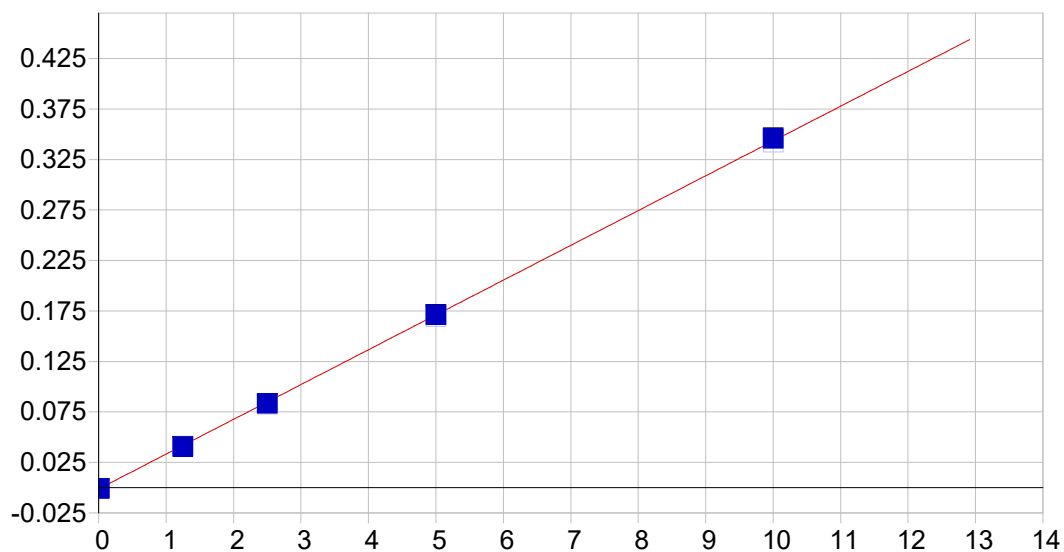


K 769.896 { 44}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.024307	Re-Slope:	1.000000
A1 (Gain):	0.012731	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000203		
Predicted MDL:	0.079296		
Predicted MQL:	0.264321		

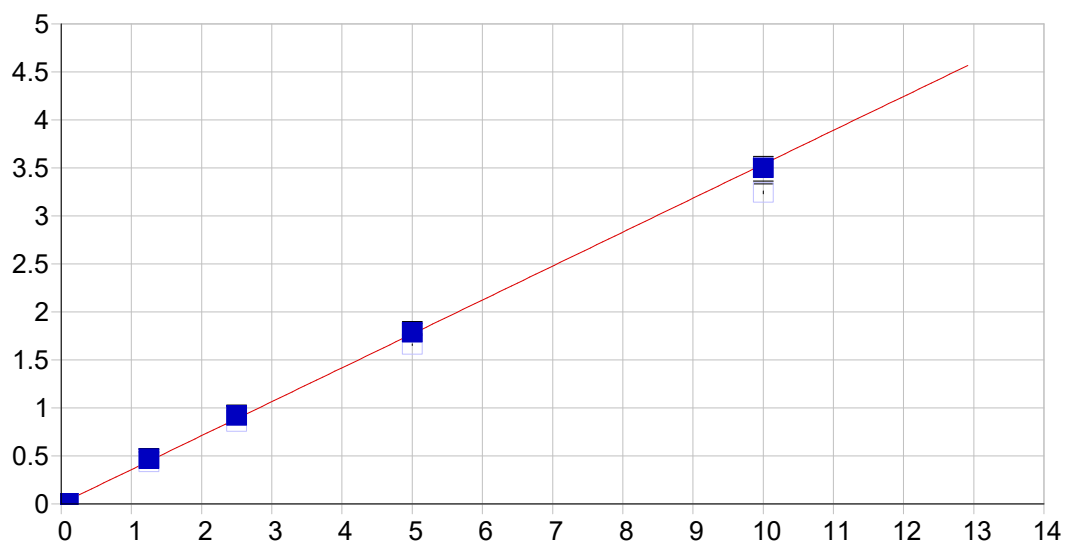
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00028	.000	.000	.02431	.001	1
S1	5.0000	4.7280	-.272	-5.44	.08450	.000	1
S2	37.500	37.789	.289	.770	.50540	.002	1
S3	75.000	74.411	-.589	-.786	.97164	.002	1
S4	150.00	149.12	-.881	-.587	1.9228	.006	1
S5	300.00	301.45	1.45	.484	3.8621	.002	1



Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001273 Re-Slope: 1.000000
 A1 (Gain): 0.034461 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.002908
 Predicted MQL: 0.009694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00127	.000	1
S1	.01000	.01409	.004	40.9	-.00079	.000	1
S2	1.2500	1.2188	-.031	-2.50	.04024	.000	1
S3	2.5000	2.4543	-.046	-1.83	.08234	.000	1
S4	5.0000	5.0045	.005	.090	.16925	.000	1
S5	10.000	10.068	.068	.682	.34182	.001	1

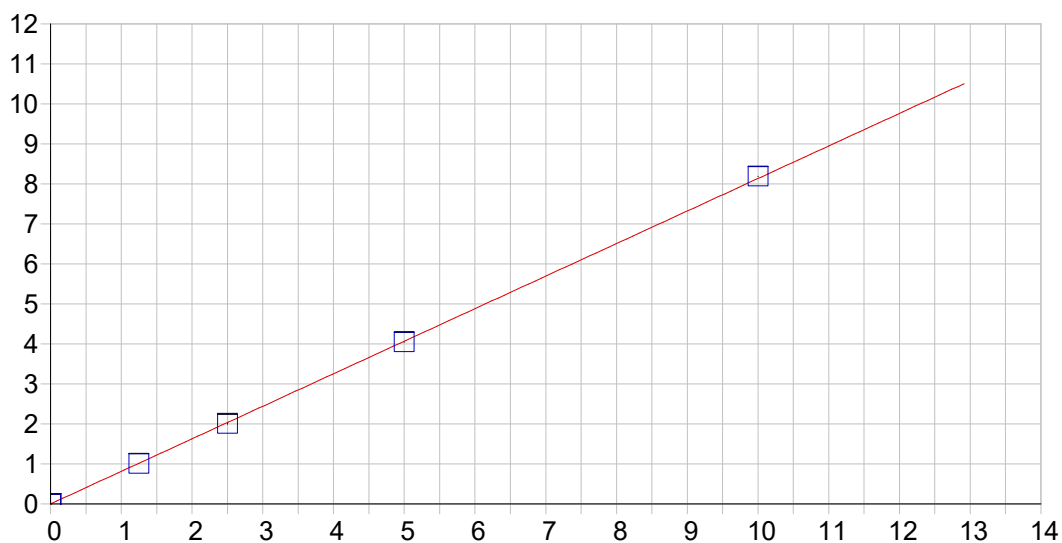


B 249.678 {135}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004069 Re-Slope: 1.000000
 A1 (Gain): 0.353344 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997210 Status: OK.
 Std Error of Est: 0.001304
 Predicted MDL: 0.000918
 Predicted MQL: 0.003061

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00410	.000	1
S1	.10000	.00904	-.091	-91.0	.00719	.000	1
S2	1.2500	1.3148	.065	5.18	.43657	.003	1
S3	2.5000	2.5905	.091	3.62	.85531	.007	1
S4	5.0000	5.0458	.046	.916	1.6587	.009	1
S5	10.000	9.8968	-.103	-1.03	3.2446	.015	1

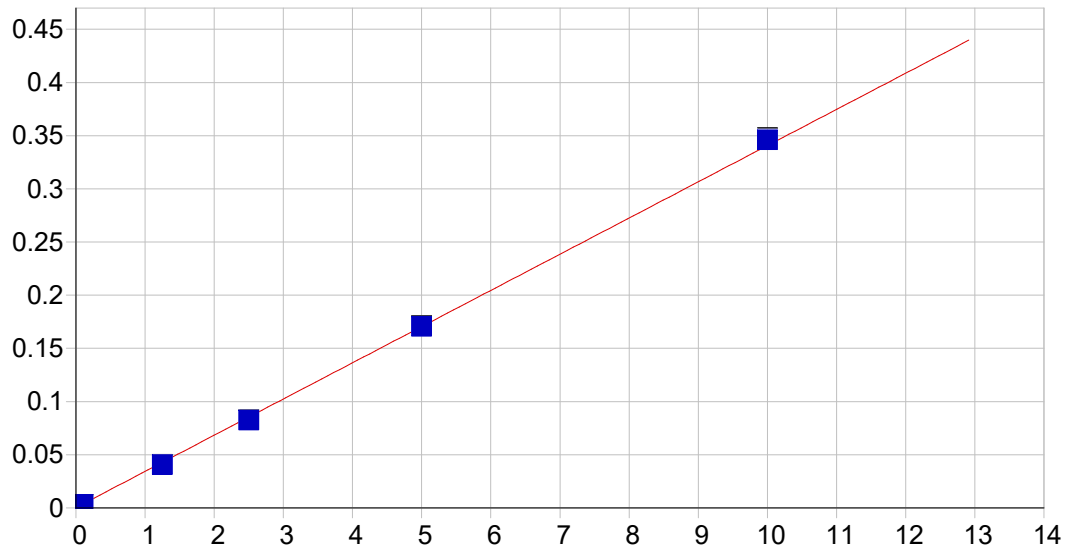


Mo 202.030 {467}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000173	Re-Slope:	1.000000
A1 (Gain):	0.813531	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.000260		
Predicted MQL:	0.000868		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.00959	-.000	-4.07	.00798	.000	1
S2	1.2500	1.2418	-.008	-.655	1.0104	.005	1
S3	2.5000	2.4634	-.037	-1.46	2.0042	.010	1
S4	5.0000	4.9789	-.021	-.421	4.0507	.007	1
S5	10.000	10.066	.066	.662	8.1894	.006	1

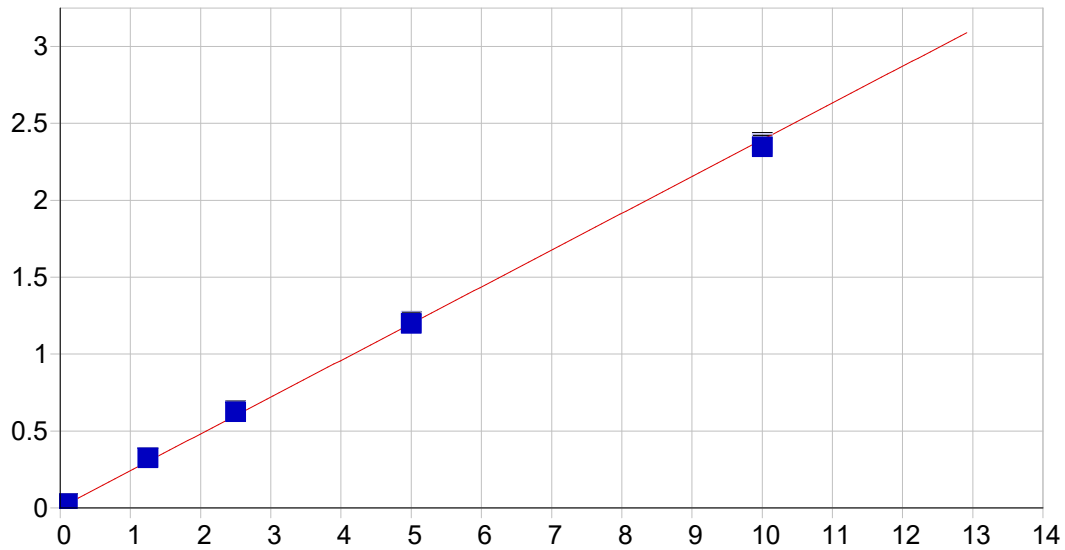


S 182.034 {485}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000317 Re-Slope: 1.000000
 A1 (Gain): 0.034033 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999709 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.003707
 Predicted MQL: 0.012356

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00032	.000	1
S1	.10000	.08552	-.014	-14.5	.00323	.000	1
S2	1.2500	1.1831	-.067	-5.35	.04067	.000	1
S3	2.5000	2.4174	-.083	-3.30	.08277	.000	1
S4	5.0000	5.0028	.003	.056	.17093	.001	1
S5	10.000	10.161	.161	1.61	.34684	.001	1

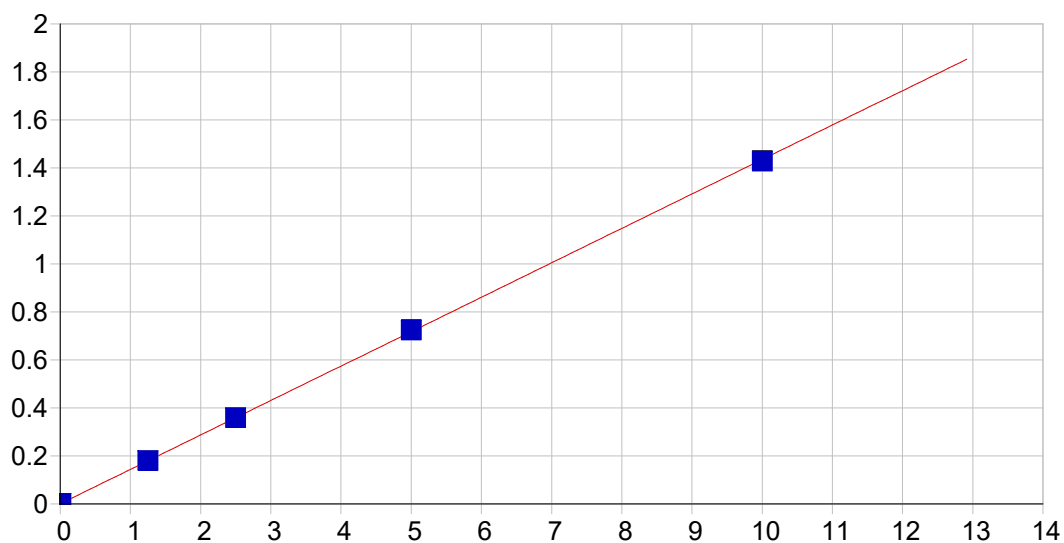


Si 251.611 {134}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002906 Re-Slope: 1.000000
 A1 (Gain): 0.239066 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999624 Status: OK.
 Std Error of Est: 0.000352
 Predicted MDL: 0.001222
 Predicted MQL: 0.004073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00290	.000	1
S1	.10000	.09858	-.001	-1.42	.02656	.000	1
S2	1.2500	1.3416	.092	7.33	.32628	.001	1
S3	2.5000	2.5992	.099	3.97	.62957	.003	1
S4	5.0000	5.0051	.005	.103	1.2100	.003	1
S5	10.000	9.8055	-.194	-1.94	2.3682	.008	1

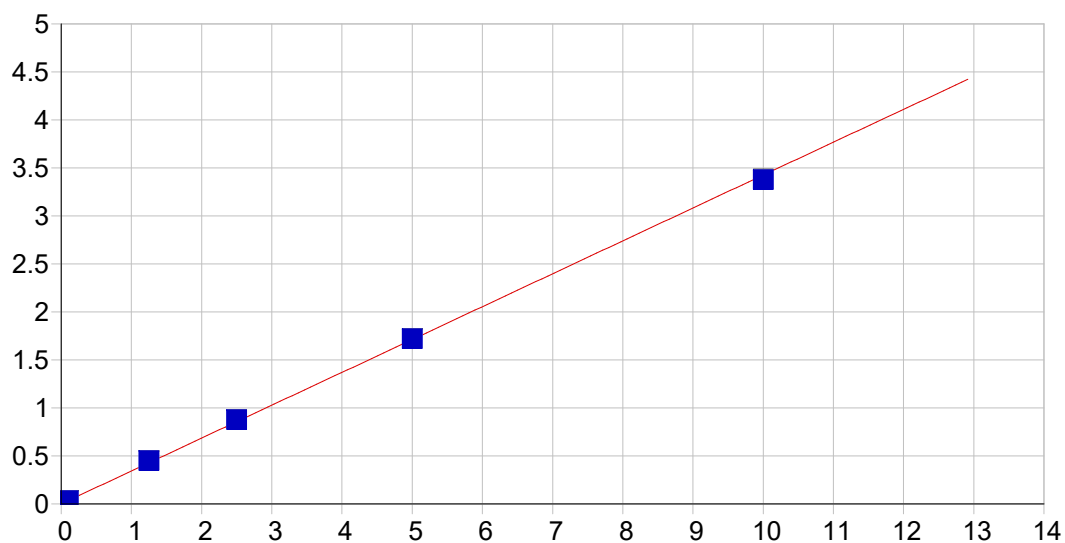


Sn 189.989 {478}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000303	Re-Slope:	1.000000
A1 (Gain):	0.143468	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.000887		
Predicted MQL:	0.002956		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.00700	.00535	-.002	-23.6	.00104	.000	1
S2	1.2500	1.2514	.001	.111	.17947	.001	1
S3	2.5000	2.4995	-.000	-.019	.35816	.001	1
S4	5.0000	5.0470	.047	.939	.72290	.001	1
S5	10.000	9.9537	-.046	-.463	1.4254	.001	1

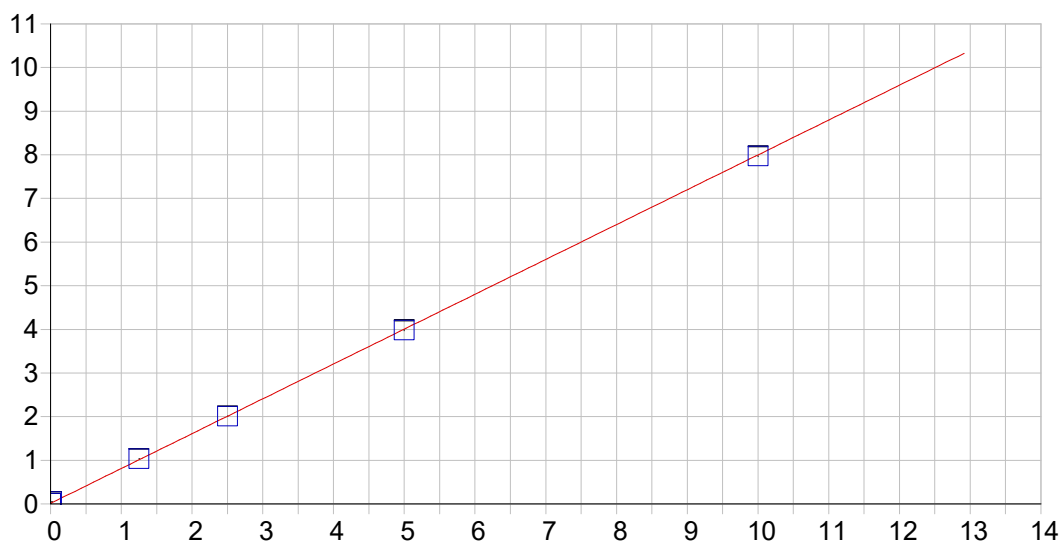


Ti 336.121 {100}

Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000276	Re-Slope:	1.000000
A1 (Gain):	0.342457	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999828	Status:	OK.
Std Error of Est:	0.000337		
Predicted MDL:	0.001313		
Predicted MQL:	0.004376		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00027	.000	1
S1	.10000	.09892	-.001	-1.08	.03414	.000	1
S2	1.2500	1.3105	.060	4.84	.44891	.003	1
S3	2.5000	2.5599	.060	2.40	.87664	.004	1
S4	5.0000	5.0223	.022	.446	1.7196	.005	1
S5	10.000	9.8584	-.142	-1.42	3.3752	.006	1



Li 670.784 { 50}

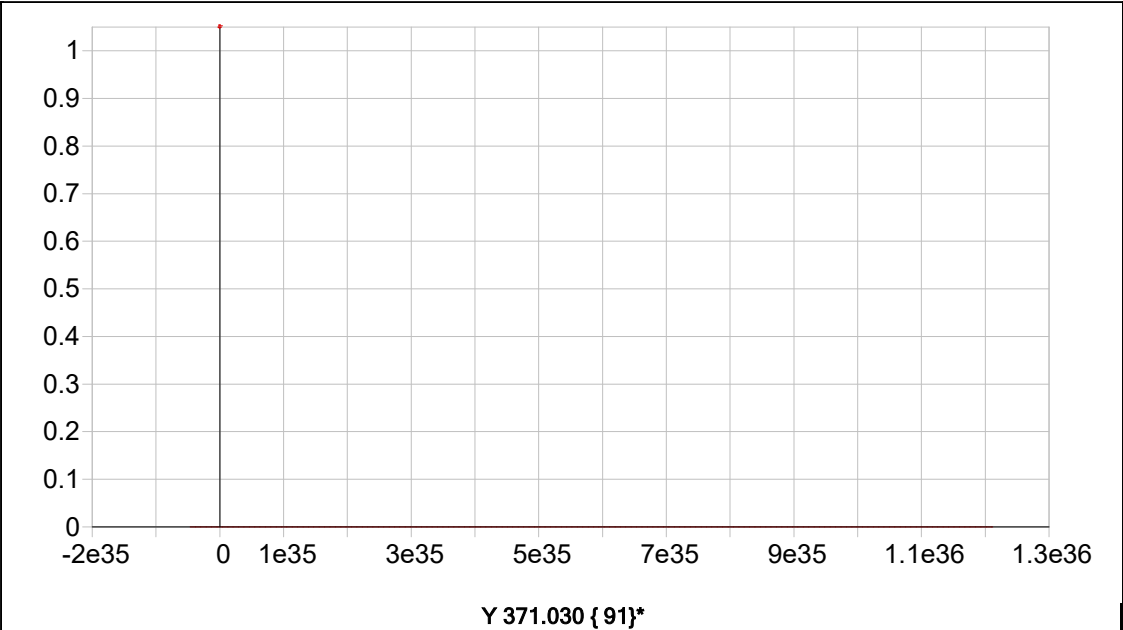
Date of Fit: 10/29/2019 12:16:45 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012433 Re-Slope: 1.000000
 A1 (Gain): 0.798571 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998250 Status: OK.
 Std Error of Est: 0.000971
 Predicted MDL: 0.001701
 Predicted MQL: 0.005671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01241	.000	1
S5	10.000	9.9639	-.036	-.361	7.9693	.013	1
S4	5.0000	4.9730	-.027	-.540	3.9837	.016	1
S3	2.5000	2.5035	.004	.142	2.0117	.004	1
S2	1.2500	1.2784	.028	2.28	1.0334	.002	1
S1	.01500	.04619	.031	208.	.04932	.001	1

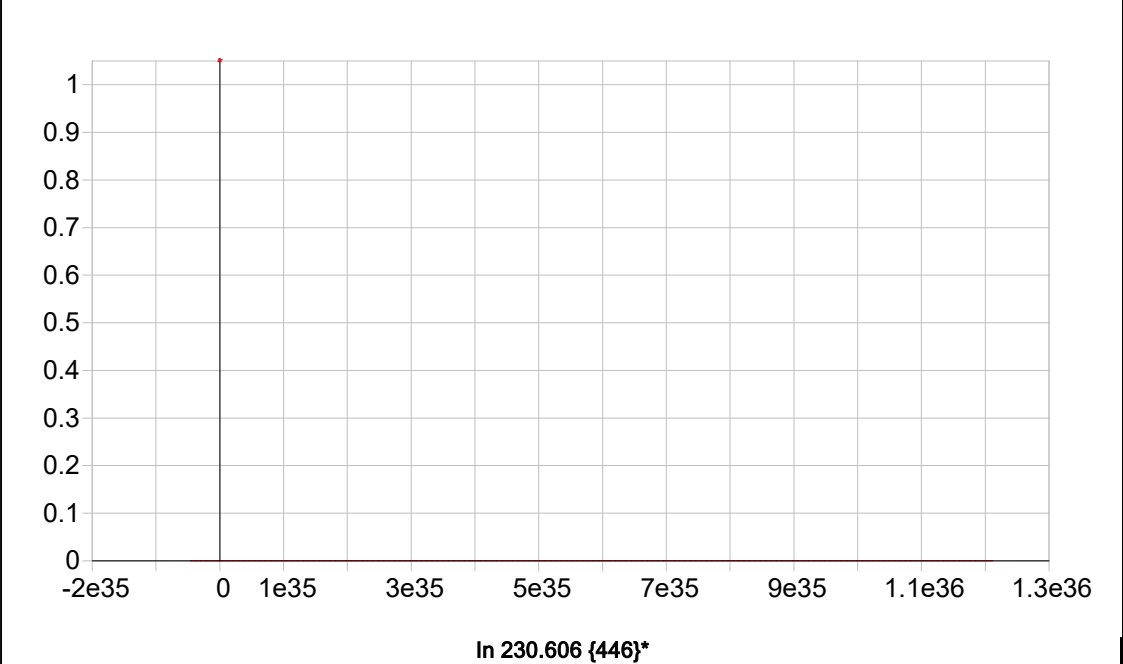




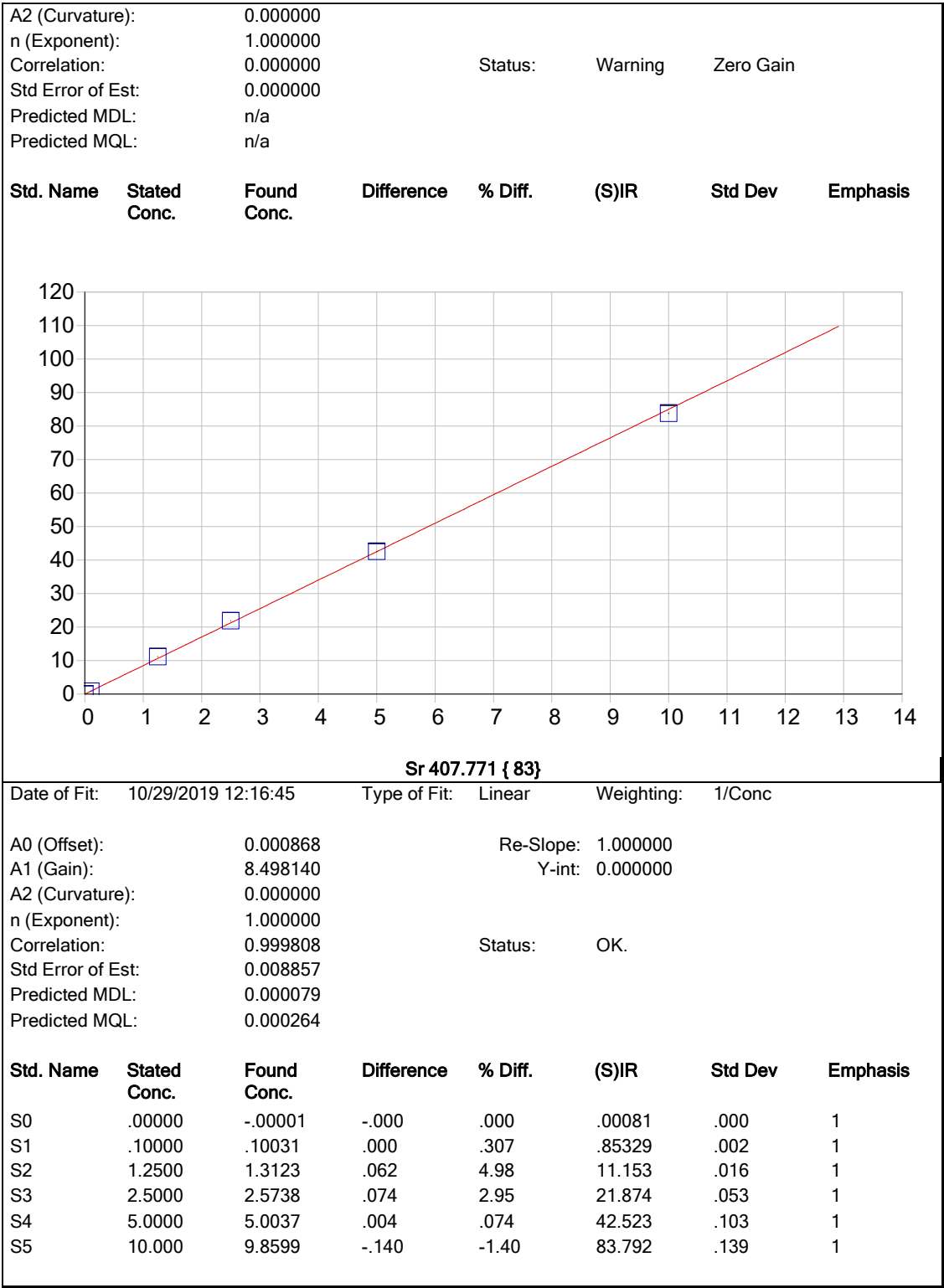


Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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: 10/28/2019 14:15:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	-.00024	-.00039	-.00021	.00074	.00036	.00395	.00195	-.00074
Stddev	.00004	.00012	.00018	.00014	.00005	.00072	.00082	.00023
%RSD	15.038	31.155	88.213	19.085	13.627	18.288	42.229	31.479

#1	-.00027	-.00051	-.00034	.00083	.00033	.00328	.00168	-.00048
#2	-.00024	-.00026	.00000	.00082	.00034	.00384	.00287	-.00081
#3	-.00020	-.00040	-.00028	.00058	.00042	.00472	.00129	-.00093

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	.00134	.00129	-.00006	.00004	.00159	.00034	.00022	-.00017
Stddev	.00013	.00046	.00009	.00010	.00004	.00033	.00020	.00034
%RSD	9.9639	35.480	145.97	246.71	2.2640	96.405	88.160	204.46

#1	.00150	.00080	-.00016	-.00008	.00161	.00012	.00002	.00019
#2	.00128	.00170	-.00003	.00011	.00154	.00071	.00041	-.00050
#3	.00125	.00138	.00001	.00009	.00161	.00018	.00024	-.00020

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	-.00171	-.00184	.00164	.00027	-.00025	.02431	-.00127	.00410
Stddev	.00015	.00002	.00066	.00013	.00034	.00105	.00002	.00016
%RSD	8.7506	1.0977	40.519	50.145	140.22	4.3367	1.4663	3.9341

#1	-.00184	-.00183	.00106	.00034	.00015	.02545	-.00127	.00410
#2	-.00174	-.00186	.00149	.00011	-.00039	.02336	-.00126	.00426
#3	-.00155	-.00182	.00237	.00035	-.00049	.02412	-.00129	.00394

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	.00032	.00290	.00030	.00027	.01241	.00081	
Stddev	.00015	.00004	.00015	.00017	.00013	.00039	.00038	
%RSD	87.013	11.735	5.1278	56.221	48.082	3.1410	47.217	

#1	.00010	.00034	.00273	.00011	.00032	.01220	.00090	
#2	.00035	.00027	.00301	.00043	.00013	.01217	.00039	
#3	.00008	.00034	.00297	.00037	.00038	.01286	.00114	

Sample Name: S0 Acquired: 10/28/2019 14:15:30 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	2292.3	3295.0	49665.	10200.	3753.0
Stddev	6.0	1.1	47.	44.	4.4
%RSD	.26246	.03225	.09395	.42706	.11711
#1	2297.3	3294.9	49657.	10224.	3748.4
#2	2294.1	3293.9	49715.	10150.	3753.4
#3	2285.6	3296.1	49623.	10227.	3757.2

Sample Name: S1 Acquired: 10/28/2019 14:19:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.00014	.00103	.00208	.00362	.00760	.01905	.44459	.02123
Stddev	.00003	.00006	.00026	.00019	.00011	.00081	.00077	.00027
%RSD	22.967	5.5004	12.288	5.2948	1.4788	4.2733	.17277	1.2807
#1	.00017	.00109	.00221	.00352	.00752	.01818	.44544	.02154
#2	.00016	.00102	.00178	.00350	.00773	.01980	.44437	.02103
#3	.00011	.00098	.00224	.00384	.00755	.01918	.44396	.02112
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	.01853	.25199	.00181	.04791	.00446	.00315	.00800	.04978
Stddev	.00017	.00047	.00006	.00008	.00021	.00030	.00020	.00041
%RSD	.93802	.18468	3.2722	.17632	4.6531	9.5348	2.4993	.82299
#1	.01834	.25202	.00185	.04801	.00423	.00293	.00803	.04935
#2	.01866	.25150	.00174	.04788	.00463	.00349	.00778	.05017
#3	.01861	.25243	.00184	.04784	.00453	.00303	.00818	.04983
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	.02111	.00143	.02147	.00471	.00936	.08450	-.00079	.00719
Stddev	.00007	.00009	.00085	.00024	.00035	.00032	.00007	.00039
%RSD	.32336	6.2466	3.9649	5.0073	3.7548	.38029	8.9769	5.4516
#1	.02111	.00141	.02097	.00463	.00970	.08480	-.00080	.00716
#2	.02118	.00136	.02099	.00498	.00900	.08454	-.00071	.00682
#3	.02104	.00153	.02245	.00452	.00937	.08416	-.00085	.00760
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00798	.00323	.02656	.00104	.03414	.04932	.85329	
Stddev	.00010	.00013	.00018	.00008	.00002	.00067	.00246	
%RSD	1.2906	3.8759	.68307	7.3026	.06004	1.3546	.28864	
#1	.00809	.00315	.02677	.00100	.03417	.04855	.85056	
#2	.00789	.00316	.02643	.00113	.03413	.04971	.85534	
#3	.00795	.00337	.02648	.00099	.03413	.04969	.85396	

Sample Name: S1 Acquired: 10/28/2019 14:19:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	2304.9	3284.2	49907.	10191.	3774.7
Stddev	10.0	27.8	130.	25.	18.3
%RSD	.43592	.84517	.26059	.24133	.48527
#1	2316.2	3252.8	50048.	10164.	3754.3
#2	2297.0	3294.8	49793.	10213.	3780.0
#3	2301.4	3305.2	49880.	10194.	3789.8

Sample Name: S2 Acquired: 10/28/2019 14:23:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.04268	.07579	1.3938	.09540	.15676	2.8079	5.6654	.57300
Stddev	.00017	.00033	.0047	.00027	.00116	.0147	.0051	.00392
%RSD	.38797	.42930	.33518	.27903	.74143	.52508	.08943	.68421

#1	.04279	.07572	1.3897	.09559	.15775	2.7923	5.6713	.56871
#2	.04249	.07550	1.3928	.09509	.15548	2.8216	5.6625	.57389
#3	.04277	.07614	1.3989	.09551	.15705	2.8097	5.6625	.57640

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	2.1972	3.1590	.68546	.61926	.45949	1.1127	1.8499	.62798
Stddev	.0058	.0061	.00098	.00198	.00073	.0056	.0069	.00164
%RSD	.26367	.19174	.14266	.31923	.15985	.50255	.37249	.26125

#1	2.1925	3.1657	.68655	.61743	.45865	1.1170	1.8565	.62932
#2	2.1953	3.1539	.68467	.61900	.46003	1.1064	1.8504	.62615
#3	2.2036	3.1573	.68515	.62135	.45978	1.1146	1.8427	.62847

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	.35041	.09753	.15724	.05574	.52579	.50540	.04024	.43657
Stddev	.00101	.00053	.00069	.00068	.00707	.00206	.00026	.00308
%RSD	.28779	.54058	.43703	1.2128	1.3444	.40730	.63670	.70621

#1	.34954	.09735	.15652	.05521	.51768	.50359	.04022	.43346
#2	.35018	.09712	.15789	.05650	.52910	.50764	.04000	.43663
#3	.35151	.09813	.15730	.05552	.53061	.50497	.04051	.43963

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	1.0104	.04067	.32628	.17947	.44891	1.0334	11.153
Stddev	.0050	.00027	.00088	.00050	.00257	.0024	.016
%RSD	.49459	.66112	.26988	.28079	.57347	.23124	.14572

#1	1.0117	.04056	.32551	.17912	.44733	1.0311	11.139
#2	1.0049	.04047	.32609	.17923	.45188	1.0359	11.170
#3	1.0147	.04098	.32724	.18005	.44750	1.0331	11.149

Sample Name: S2 Acquired: 10/28/2019 14:23:44 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	2192.4	3179.9	48258.	10152.	3555.9
Stddev	13.7	15.7	46.	16.	9.7
%RSD	.62258	.49452	.09469	.15364	.27245
#1	2207.9	3166.1	48291.	10169.	3546.3
#2	2182.1	3197.0	48276.	10148.	3565.7
#3	2187.4	3176.5	48206.	10138.	3555.8

Sample Name: S3 Acquired: 10/28/2019 14:27:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.08570	.14989	2.7766	.18834	.31142	5.5812	11.174	1.1046
Stddev	.00063	.00039	.0014	.00055	.00155	.0156	.032	.0052
%RSD	.73900	.25830	.04883	.29081	.49879	.27875	.28434	.46612

#1	.08531	.14996	2.7774	.18792	.31026	5.5736	11.187	1.1063
#2	.08535	.15025	2.7751	.18814	.31082	5.5710	11.137	1.1086
#3	.08643	.14948	2.7774	.18896	.31318	5.5991	11.196	1.0988

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	4.3376	6.1687	1.3343	1.2299	.89241	2.1614	3.5720	1.2399
Stddev	.0104	.0159	.0016	.0023	.00262	.0053	.0145	.0033
%RSD	.23966	.25825	.11826	.19018	.29310	.24569	.40695	.26802

#1	4.3380	6.1661	1.3327	1.2326	.89128	2.1570	3.5627	1.2419
#2	4.3270	6.1542	1.3359	1.2282	.89055	2.1601	3.5645	1.2361
#3	4.3478	6.1858	1.3344	1.2290	.89540	2.1673	3.5887	1.2418

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	.69825	.19489	.30727	.10967	1.0076	.97164	.08234	.85531
Stddev	.00198	.00103	.00098	.00064	.0100	.00164	.00020	.00685
%RSD	.28312	.53096	.31975	.57974	.99089	.16929	.24037	.80135

#1	.69876	.19608	.30664	.11039	1.0091	.96974	.08227	.85780
#2	.69606	.19444	.30677	.10945	.99695	.97270	.08256	.86056
#3	.69992	.19416	.30840	.10917	1.0167	.97248	.08218	.84755

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	2.0042	.08277	.62957	.35816	.87664	2.0117	21.874
Stddev	.0098	.00008	.00291	.00062	.00379	.0038	.053
%RSD	.49032	.10015	.46284	.17360	.43264	.18737	.24202

#1	1.9968	.08272	.63039	.35754	.87268	2.0147	21.875
#2	2.0006	.08286	.63198	.35815	.87701	2.0075	21.820
#3	2.0154	.08272	.62633	.35879	.88024	2.0128	21.926

Sample Name: S3 Acquired: 10/28/2019 14:27:33 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	2144.3	3084.7	47794.	10111.	3415.5
Stddev	9.6	16.1	98.	53.	6.5
%RSD	.44648	.52252	.20521	.52295	.18916
#1	2150.2	3097.1	47901.	10155.	3416.7
#2	2149.4	3090.5	47774.	10052.	3421.3
#3	2133.3	3066.5	47708.	10125.	3408.6

Sample Name: S4 Acquired: 10/28/2019 14:31:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.17503	.29580	5.5649	.37473	.63128	11.243	22.036	2.1249
Stddev	.00033	.00074	.0096	.00085	.00169	.038	.030	.0028
%RSD	.18822	.25115	.17187	.22734	.26812	.33870	.13585	.13068

#1	.17467	.29531	5.5654	.37440	.62956	11.284	22.068	2.1221
#2	.17509	.29544	5.5551	.37408	.63133	11.239	22.009	2.1276
#3	.17532	.29666	5.5742	.37569	.63295	11.208	22.030	2.1249

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.5930	12.142	2.5965	2.4474	1.7515	4.1863	6.9123	2.4638
Stddev	.0192	.045	.0046	.0047	.0021	.0205	.0359	.0120
%RSD	.22292	.36757	.17609	.19259	.12135	.48934	.51989	.48641

#1	8.5902	12.133	2.6010	2.4477	1.7536	4.1733	6.8834	2.4548
#2	8.5755	12.103	2.5966	2.4425	1.7493	4.1757	6.9010	2.4593
#3	8.6135	12.191	2.5918	2.4519	1.7516	4.2099	6.9526	2.4774

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	1.3917	.38491	.61134	.21735	1.9763	1.9228	.16925	1.6587
Stddev	.0037	.00209	.00336	.00103	.0153	.0056	.00035	.0086
%RSD	.26869	.54206	.55016	.47552	.77549	.29133	.20522	.51789

#1	1.3878	.38730	.61522	.21762	1.9925	1.9290	.16915	1.6665
#2	1.3920	.38346	.60962	.21822	1.9745	1.9182	.16897	1.6602
#3	1.3953	.38396	.60919	.21621	1.9620	1.9211	.16964	1.6495

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	4.0507	.17093	1.2100	.72290	1.7196	3.9837	42.523
Stddev	.0070	.00057	.0025	.00147	.0046	.0162	.103
%RSD	.17336	.33632	.20926	.20358	.26985	.40730	.24245

#1	4.0435	.17028	1.2121	.72165	1.7249	4.0008	42.634
#2	4.0511	.17118	1.2108	.72253	1.7176	3.9818	42.430
#3	4.0575	.17135	1.2072	.72452	1.7163	3.9685	42.505

Sample Name: S4 Acquired: 10/28/2019 14:31:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	2057.0	2907.9	47200.	10045.	3216.1
Stddev	10.7	2.6	330.	38.	5.4
%RSD	.52038	.09032	.69996	.38041	.16887
#1	2045.5	2905.0	46885.	10006.	3211.6
#2	2066.7	2910.1	47544.	10083.	3222.1
#3	2058.7	2908.5	47171.	10047.	3214.6

Sample Name: S5 Acquired: 10/28/2019 14:35:16 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.35848	.57025	11.070	.73757	1.2879	22.530	42.799	4.1286
Stddev	.00023	.00174	.012	.00140	.0013	.036	.433	.0096
%RSD	.06423	.30562	.10912	.18947	.10414	.15963	1.0111	.23236

#1	.35826	.56941	11.066	.73679	1.2884	22.503	43.064	4.1259
#2	.35872	.56909	11.060	.73674	1.2863	22.517	43.034	4.1206
#3	.35848	.57225	11.084	.73918	1.2889	22.571	42.300	4.1392

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	16.769	23.650	4.9744	4.8326	3.4446	8.0396	13.331	4.8766
Stddev	.011	.108	.0119	.0030	.0016	.0341	.042	.0185
%RSD	.06325	.45464	.23928	.06220	.04572	.42390	.31207	.37904

#1	16.764	23.728	4.9624	4.8293	3.4465	8.0632	13.372	4.8840
#2	16.761	23.694	4.9747	4.8333	3.4439	8.0550	13.333	4.8902
#3	16.781	23.527	4.9862	4.8352	3.4436	8.0005	13.289	4.8556

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	2.7282	.77552	1.2219	.42416	3.9755	3.8621	.34182	3.2446
Stddev	.0012	.00728	.0034	.00280	.0400	.0023	.00074	.0145
%RSD	.04469	.93880	.27910	.66085	1.0066	.05898	.21558	.44697

#1	2.7268	.77675	1.2187	.42168	3.9836	3.8620	.34138	3.2380
#2	2.7286	.76770	1.2216	.42361	3.9321	3.8600	.34141	3.2345
#3	2.7291	.78210	1.2255	.42720	4.0109	3.8645	.34267	3.2612

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	8.1894	.34684	2.3682	1.4254	3.3752	7.9693	83.792
Stddev	.0063	.00132	.0081	.0008	.0063	.0126	.139
%RSD	.07706	.38128	.34381	.05810	.18789	.15826	.16569

#1	8.1821	.34677	2.3669	1.4248	3.3692	7.9727	83.632
#2	8.1924	.34556	2.3608	1.4251	3.3744	7.9798	83.879
#3	8.1936	.34820	2.3770	1.4263	3.3819	7.9553	83.864

Sample Name: S5 Acquired: 10/28/2019 14:35:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	1899.5	2668.3	45795.	9806.4	2984.1
Stddev	16.9	4.5	240.	36.3	4.5
%RSD	.88844	.16859	.52476	.37036	.15140
#1	1890.9	2668.9	45853.	9847.2	2984.5
#2	1918.9	2672.5	46001.	9777.7	2988.4
#3	1888.6	2663.6	45531.	9794.2	2979.4

Sample Name: S6 Acquired: 10/28/2019 14:39:20 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	59.396	37.788	21.874	8.0443	3.3651
Stddev	.063	.212	.082	.0280	.0124
%RSD	.10613	.55974	.37485	.34835	.36832

#1	59.468	37.615	21.865	8.0377	3.3730
#2	59.354	38.024	21.960	8.0751	3.3508
#3	59.364	37.726	21.796	8.0203	3.3715

Int. Std.	Y_3710
Units	Cts/S
Avg	9655.3
Stddev	9.6
%RSD	.09901

#1	9653.4
#2	9665.6
#3	9646.8

Sample Name: ICV Acquired: 10/28/2019 14:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.9902795	1.086191	1.008471	1.068891	1.005889	2.533844
Stddev	.0026904	.004675	.001361	.004685	.000924	.014553
%RSD	.2716828	.4304263	.1349673	.4383121	.0918286	.5743439

#1	.9914727	1.081270	1.009555	1.063548	1.006085	2.530907
#2	.9871988	1.086728	1.008915	1.072297	1.006698	2.520983
#3	.9921669	1.090574	1.006943	1.070827	1.004883	2.549641

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5242406	.5397993	.5251454	10.94497	.5163899	.5123383
Stddev	.0011327	.0042064	.0009014	.02755	.0006772	.0009985
%RSD	.2160606	.7792583	.1716397	.2517338	.1311438	.1948846

#1	.5254940	.5426494	.5261318	10.96109	.5157075	.5134622
#2	.5232904	.5349681	.5249398	10.91316	.5170618	.5115537
#3	.5239374	.5417804	.5243647	10.96066	.5164003	.5119990

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4960745	5.576505	.5282057	6.341421	.5241671	F .4035629
Stddev	.0000383	.031219	.0029297	.040494	.0006609	.0021432
%RSD	.0077253	.5598280	.5546573	.6385639	.1260902	.5310776

#1	.4961044	5.605854	.5306528	6.387100	.5247811	.4056314
#2	.4960880	5.579958	.5290051	6.309931	.5242526	.4013520
#3	.4960313	5.543703	.5249592	6.327231	.5234676	.4037053

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.904608	.5266532	1.113446	9.652517	F .0029891	F .0088546
Stddev	.261307	.0045987	.007663	.051101	.0008518	.0003950
%RSD	2.638235	.8731920	.6882434	.5294039	28.49689	4.461008

#1	9.734612	.5244240	1.119433	9.676346	.0036689	.0088976
#2	9.773719	.5235939	1.104809	9.687351	.0020336	.0092263
#3	10.20549	.5319416	1.116095	9.593854	.0032649	.0084398

Sample Name: ICV Acquired: 10/28/2019 14:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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 -.000171	F .0050114	F .0033800	F -.000515	F -.001473	F .0007437
Stddev	.000144	.0016234	.0011675	.000603	.000450	.0011456
%RSD	84.31151	32.39376	34.54122	117.0185	30.52590	154.0514
#1	-.000240	.0046195	.0022189	-.000741	-.001394	.0020601
#2	-.000268	.0067948	.0045538	-.000972	-.001068	.0001979
#3	-.000005	.0036198	.0033672	.000168	-.001957	-.000027

Elem	Sr4077
Units	ppm
Avg	F .0118774
Stddev	.0001303
%RSD	1.097217
#1	.0117568
#2	.0118598
#3	.0120156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2334.988	3321.832	50081.86	10191.76	3784.243
Stddev	12.303	3.662	96.28	13.71	8.837
%RSD	.5268975	.1102276	.1922363	.1344890	.2335262
#1	2320.944	3325.889	50008.08	10176.16	3774.514
#2	2343.862	3320.834	50046.73	10201.85	3786.444
#3	2340.159	3318.772	50190.77	10197.28	3791.772

Sample Name: ICB Acquired: 10/28/2019 14:47:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.0037551	.0022689	.0007195	-.003970	-.001230	.0212106	.0004090
Stddev	.0017594	.0022437	.0001347	.004222	.001662	.0065705	.0002815
%RSD	46.85258	98.88942	18.71810	106.3647	135.0874	30.97746	68.81975

#1	.0017852	-.000304	.0008440	.000856	.000678	.0137141	.0004482
#2	.0051701	.003817	.0005765	-.005783	-.002010	.0239475	.0001100
#3	.0043101	.003294	.0007381	-.006983	-.002358	.0259703	.0006689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000866	-.000133	.0059325	.0002878	-.000106	.0012808	.0074517
Stddev	.0000287	.000246	.0156886	.0004748	.000066	.0031459	.0035367
%RSD	33.13580	184.5443	264.4508	164.9756	62.60559	245.6120	47.46149

#1	.0000555	.000151	.0190795	.0004223	-.000041	.0044310	.0049716
#2	.0000922	-.000264	-.011434	.0006808	-.000104	-.001861	.0058819
#3	.0001120	-.000287	.010153	-.000240	-.000173	.001272	.0115015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005333	.0317858	.0016376	.0005809	.0358761	-.003482	.0049900
Stddev	.0003201	.0202807	.0010056	.0002702	.2988511	.001340	.0035690
%RSD	60.01065	63.80426	61.40748	46.52359	833.0098	38.47647	71.52377

#1	.0004295	.0268189	.0004769	.0008929	-.078539	-.004173	.0081615
#2	.0008924	.0540887	.0021887	.0004194	.375030	-.001938	.0011252
#3	.0002781	.0144501	.0022473	.0004303	-.188863	-.004336	.0056832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092653	.0021765	-.000466	-.000194	-.006440	-.000477	-.001291
Stddev	.093202	.0022102	.000524	.000080	.003171	.000930	.000974
%RSD	100.5928	101.5506	112.2563	41.23682	49.23929	194.8683	75.45824

#1	-.012781	.0047286	-.000261	-.000284	-.002779	.000568	-.000167
#2	-.195056	.0009027	-.000077	-.000129	-.008338	-.001215	-.001878
#3	-.070122	.0008981	-.001062	-.000169	-.008202	-.000785	-.001829

Sample Name: ICB Acquired: 10/28/2019 14:47:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	-.000574	-.000007	.0000179
Stddev	.001290	.000420	.0000538
%RSD	224.7366	6168.753	299.8722

#1	-.000848	-.000424	.0000692
#2	.000831	.000417	-.000038
#3	-.001705	-.000013	.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.845	12136.13	49814.89	10173.12	13868.48
Stddev	11.978	7213.88	306.88	11.45	8267.79
%RSD	.5178999	59.44133	.6160313	.1125908	59.61573

#1	2325.847	3806.59	50113.27	10175.53	4322.15
#2	2310.432	16364.69	49831.24	10160.65	18725.89
#3	2302.258	16237.12	49500.17	10183.17	18557.40

Sample Name: ICSA Acquired: 10/28/2019 14:53:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.0033436	.0038264	-.003911	.0062373	.0038432	243.5412
Stddev	.0004797	.0023394	.001346	.0047011	.0007620	.8625
%RSD	14.34575	61.13830	34.41002	75.37122	19.82797	.3541381

#1	.0028692	.0060721	-.002358	.0015306	.0034823	243.0734
#2	.0033331	.0040035	-.004728	.0109328	.0033287	244.5365
#3	.0038284	.0014035	-.004646	.0062486	.0047186	243.0137

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059677	.0009705	-.000276	259.5709	.0471200	.0004833
Stddev	.0003724	.0000738	.000130	1.4835	.0007273	.0000435
%RSD	6.240726	7.608590	47.01523	.5715124	1.543603	9.008512

#1	.0063041	.0008862	-.000226	260.9081	.0473763	.0004448
#2	.0055675	.0010014	-.000424	257.9751	.0476845	.0005306
#3	.0060315	.0010238	-.000179	259.8296	.0462992	.0004747

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008974	102.5920	.0126979	264.3343	.0016301	-.006799
Stddev	.000916	.7752	.0005477	1.7840	.0004919	.000390
%RSD	10.20580	.7555750	4.313748	.6749054	30.17619	5.741253

#1	-.009886	103.2715	.0125370	265.9603	.0016392	-.006987
#2	-.008054	101.7477	.0122485	262.4259	.0011337	-.007061
#3	-.008981	102.7569	.0133080	264.6166	.0021173	-.006351

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012269	-.001339	.0048015	-.478386	F .0124191	F .1180700
Stddev	.240702	.001585	.0026647	.037427	.0058021	.0034883
%RSD	1961.819	118.3627	55.49775	7.823591	46.71965	2.954404

#1	-.270532	.000383	.0020612	-.520340	.0185404	.1201304
#2	.027908	-.001664	.0073836	-.448426	.0117167	.1140425
#3	.205816	-.002736	.0049597	-.466394	.0070001	.1200372

Sample Name: ICSA Acquired: 10/28/2019 14:53:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	-.000497	F -.003390	F -.005278	-.001025	F -.003712	W .0015709
Stddev	.000149	.006120	.001503	.001890	.000501	.0015546
%RSD	29.96406	180.5050	28.47423	184.3640	13.49967	98.96245

#1	-.000661	-.006883	-.006033	-.002546	-.003397	.0003188
#2	-.000456	-.006964	-.003547	-.001619	-.003449	.0010830
#3	-.000372	.003676	-.006253	.001090	-.004290	.0033110

Elem	Sr4077
Units	ppm
Avg	F .1027229
Stddev	.0003930
%RSD	.3825684

#1	.1023331
#2	.1027167
#3	.1031190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2187.511	3106.208	47626.09	10087.87	3358.829
Stddev	7.824	6.347	10.36	30.29	3.079
%RSD	.3576763	.2043203	.0217555	.3002679	.0916562

#1	2186.228	3102.900	47635.88	10083.81	3362.132
#2	2195.898	3113.525	47627.14	10059.82	3356.039
#3	2180.409	3102.198	47615.24	10119.99	3358.315

Sample Name: ICSAB Acquired: 10/28/2019 14:57:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	.0937890	.1122273	.0466703	.0555102	.6148441	242.0890
Stddev	.0047872	.0031792	.0032241	.0012113	.0021063	.5920
%RSD	5.104250	2.832816	6.908282	2.182173	.3425793	.2445201

#1	.0900950	.1086041	.0477577	.0541149	.6159230	241.5304
#2	.0920746	.1145503	.0492101	.0561239	.6124169	242.0271
#3	.0991973	.1135276	.0430431	.0562920	.6161924	242.7095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5277021	.5274329	1.041842	255.7196	.5493600	.5111029
Stddev	.0012942	.0019890	.000941	1.0848	.0018160	.0004672
%RSD	.2452549	.3771116	.0903672	.4242327	.3305679	.0914022

#1	.5264923	.5296912	1.040951	254.7135	.5472892	.5109060
#2	.5290668	.5259416	1.041749	256.8690	.5506813	.5107664
#3	.5275472	.5266658	1.042827	255.5763	.5501095	.5116362

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4722241	101.7605	.5216420	262.0349	1.029744	.1993867
Stddev	.0068934	.3553	.0049542	.9891	.002282	.0010379
%RSD	1.459784	.3491077	.9497256	.3774702	.2216390	.5205610

#1	.4647905	101.6206	.5164121	261.7948	1.029042	.1998165
#2	.4784059	102.1644	.5262645	263.1220	1.027894	.2001407
#3	.4734759	101.4966	.5222493	261.1880	1.032294	.1982029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.157440	.5108845	1.133557	-.632070	.0081453	F .1157976
Stddev	.096738	.0031851	.013642	.017069	.0023145	.0018640
%RSD	61.44409	.6234425	1.203466	2.700427	28.41460	1.609673

#1	-.058931	.5081243	1.120476	-.651494	.0107691	.1146498
#2	-.161086	.5101596	1.132497	-.625250	.0063935	.1179483
#3	-.252304	.5143695	1.147698	-.619466	.0072733	.1147948

Sample Name: ICSAB Acquired: 10/28/2019 14:57:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) 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	-.000743	F -.002780	F -.004602	-.000490	F -.002637	W -.001743
Stddev	.000522	.004018	.000644	.001014	.001770	.001615
%RSD	70.19323	144.5507	14.00473	206.8761	67.13884	92.63725
#1	-.000141	-.007411	-.003868	.000568	-.004532	.000117
#2	-.001041	-.000716	-.004862	-.000585	-.001026	-.002783
#3	-.001048	-.000213	-.005075	-.001453	-.002353	-.002564

Elem	Sr4077
Units	ppm
Avg	F .1020935
Stddev	.0002419
%RSD	.2368887
#1	.1018296
#2	.1021462
#3	.1023046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.626	3087.819	48130.08	10206.32	3366.315
Stddev	12.474	6.013	287.86	3.41	6.613
%RSD	.5665884	.1947261	.5980950	.0334023	.1964359
#1	2215.975	3087.311	48462.38	10209.07	3360.257
#2	2193.368	3094.070	47970.97	10207.37	3373.369
#3	2195.534	3082.077	47956.89	10202.50	3365.318

Sample Name: CCV038 Acquired: 10/28/2019 15:12:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.717093	4.755248	24.15863	4.683130	4.753209	400.7986	9.796219
Stddev	.003416	.007587	.05818	.007483	.017305	1.3872	.023499
%RSD	.0724219	.1595565	.2408091	.1597798	.3640679	.3461196	.2398776

#1	4.719063	4.762452	24.14563	4.685248	4.740408	400.5699	9.807374
#2	4.719068	4.747328	24.10806	4.674817	4.746321	399.5399	9.769220
#3	4.713149	4.755966	24.22221	4.689326	4.772897	402.2860	9.812062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4852324	2.431046	403.4363	14.68814	2.442604	14.55980	401.9939
Stddev	.0005512	.002873	.9126	.02136	.006353	.02774	.9013
%RSD	.1135965	.1181724	.2262094	.1453967	.2600841	.1904940	.2241986

#1	.4855513	2.431226	403.7919	14.70575	2.447019	14.57458	402.5505
#2	.4855499	2.428088	402.3994	14.69429	2.435323	14.52780	400.9541
#3	.4845959	2.433825	404.1175	14.66439	2.445470	14.57701	402.4771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.43238	383.3438	2.450902	1.216882	401.2081	2.404252	14.05133
Stddev	.05220	.6272	.006016	.001364	1.0033	.004424	.14573
%RSD	.3616865	.1636128	.2454799	.1121101	.2500631	.1840190	1.037094

#1	14.47626	383.0223	2.455257	1.217851	402.3629	2.409102	13.88940
#2	14.37465	382.9425	2.444037	1.217472	400.7109	2.400437	14.17192
#3	14.44623	384.0665	2.453412	1.215321	400.5506	2.403217	14.09268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.9849	4.889245	5.131896	4.731166	4.925179	4.828436	4.896925
Stddev	.2975	.019242	.017313	.006857	.017917	.012069	.009200
%RSD	.2010139	.3935508	.3373534	.1449279	.3637745	.2499594	.1878819

#1	148.1750	4.898753	5.142555	4.727623	4.921782	4.834787	4.901681
#2	147.6421	4.867100	5.141212	4.726805	4.909204	4.836003	4.886320
#3	148.1377	4.901881	5.111920	4.739069	4.944551	4.814517	4.902774

Sample Name: CCV038 Acquired: 10/28/2019 15:12:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV038 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.810462	4.879260	4.810977
Stddev	.012753	.008867	.039129
%RSD	.2651030	.1817249	.8133354

#1	4.825093	4.889469	4.768797
#2	4.804586	4.873485	4.846094
#3	4.801706	4.874825	4.818041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.223	2839.256	45976.44	9913.445	3045.982
Stddev	16.787	6.531	81.33	4.953	10.560
%RSD	.8354891	.2300323	.1769040	.0499644	.3466972

#1	2026.909	2833.223	46056.48	9914.231	3034.840
#2	1993.509	2846.192	45893.87	9908.145	3055.843
#3	2007.250	2838.353	45978.97	9917.958	3047.263

Sample Name: CCB038 Acquired: 10/28/2019 15:17:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB038 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022214	-.001773	.0004296	-.000081	-.000247	.0134942	.0000266
Stddev	.0004831	.000824	.0013026	.001811	.001787	.0055523	.0002377
%RSD	21.74699	46.50142	303.2264	2229.247	722.1884	41.14613	894.3884

#1	.0026029	-.002721	-.001069	.001893	-.002150	.0107168	.0002979
#2	.0023832	-.001229	.001066	-.001664	.000012	.0198872	-.000145
#3	.0016782	-.001368	.001292	-.000473	.001395	.0098786	-.000073

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0000027	.0034282	.0005558	.0000473	.0007171	.0008379
Stddev	.000052	.0000384	.0026321	.0002766	.0001457	.0020022	.0020473
%RSD	487.5390	1399.583	76.77738	49.76911	307.8070	279.1864	244.3345

#1	-.000067	-.000036	.0064674	.0002683	.0000529	-.001595	-.000577
#2	.000000	.000040	.0019349	.0005790	-.000101	.001881	.003185
#3	.000035	.000004	.0018825	.0008200	.000190	.001866	-.000095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004785	.0199228	.0001901	.0006400	.0225339	-.004430	.0028171
Stddev	.0002367	.0103844	.0002341	.0002908	.0543499	.002946	.0042012
%RSD	49.46054	52.12305	123.1426	45.44236	241.1917	66.50968	149.1332

#1	.0002241	.0258795	.0000720	.0009298	.0263540	-.001054	.0009403
#2	.0005194	.0259569	.0000386	.0006421	-.033625	-.006484	-.000119
#3	.0006921	.0079321	.0004598	.0003482	.074873	-.005751	.007629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.188189	.0040225	.0021720	.0002093	-.004317	-.000989	-.000456
Stddev	.055340	.0012432	.0010850	.0002413	.003571	.001622	.000577
%RSD	29.40673	30.90705	49.95383	115.3208	82.72802	164.0396	126.6212

#1	-.181136	.0043070	.0025318	.0001636	-.006401	-.002667	.000095
#2	-.136713	.0050987	.0030315	.0004702	-.000193	.000569	-.000406
#3	-.246717	.0026616	.0009528	-.000006	-.006357	-.000867	-.001056

Sample Name: CCB038 Acquired: 10/28/2019 15:17:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB038 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000791	-.002477	.0000901
Stddev	.000773	.000474	.0000342
%RSD	97.81768	19.12465	37.95307

#1	-.000334	-.002239	.0000936
#2	-.001684	-.003023	.0001224
#3	-.000354	-.002170	.0000543

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2359.733	3316.505	50719.97	10356.98	3787.777
Stddev	17.099	7.157	287.99	44.74	7.326
%RSD	.7245997	.2158126	.5677954	.4319311	.1933996

#1	2339.990	3311.854	50418.50	10399.48	3780.503
#2	2369.742	3324.747	50992.25	10310.30	3795.153
#3	2369.468	3312.914	50749.15	10361.18	3787.676

Sample Name: K5454-16DLX2 Acquired: 10/28/2019 15:21:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032191	.0002555	.0043643	-.000849	-.002070	.5135779
Stddev	.0018963	.0018330	.0004391	.001121	.001741	.0059904
%RSD	58.90843	717.5759	10.06024	131.9695	84.11147	1.166404

#1	.0033990	.0019615	.0041599	.000280	-.000918	.5119526
#2	.0050191	.0004873	.0048683	-.001961	-.001219	.5202132
#3	.0012392	-.001682	.0040647	-.000867	-.004074	.5085678

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129703	-.000546	.0866623	88.34540	-.003558	.0128185
Stddev	.0002505	.000042	.0001623	.49740	.000045	.0001937
%RSD	1.931271	7.611684	.1872849	.5630165	1.256935	1.511468

#1	.0131344	-.000594	.0868070	88.50526	-.003572	.0128698
#2	.0130946	-.000520	.0866930	88.74322	-.003594	.0129815
#3	.0126820	-.000525	.0864868	87.78773	-.003508	.0126043

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003651	-.038356	16.53718	22.88335	.0632453	.0026666
Stddev	.001302	.008044	.10803	.17695	.0003497	.0001581
%RSD	35.65507	20.97136	.6532559	.7732834	.5528879	5.930577

#1	-.005144	-.047639	16.50833	22.85913	.0633979	.0026318
#2	-.002756	-.033437	16.65671	23.07118	.0628452	.0028392
#3	-.003053	-.033993	16.44651	22.71976	.0634926	.0025287

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.36064	.0042245	11.88147	4.147118	.0098597	.0181866
Stddev	.25483	.0011738	.06149	.104761	.0026133	.0004717
%RSD	.7638758	27.78601	.5175204	2.526119	26.50524	2.593906

#1	33.57848	.0036982	11.82453	4.203394	.0079717	.0182382
#2	33.08040	.0034059	11.87321	4.211714	.0087650	.0176912
#3	33.42303	.0055693	11.94667	4.026246	.0128423	.0186304

Sample Name: K5454-16DLX2 Acquired: 10/28/2019 15:21:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLMT6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035988	F 120.1094	7.016485	-.002489	-.003612	.0057522
Stddev	.0001791	.4642	.008999	.000796	.001023	.0008150
%RSD	4.976062	.3865074	.1282604	31.99503	28.32659	14.16802
#1	.0036596	120.6318	7.010692	-.003278	-.002748	.0048201
#2	.0033972	119.7441	7.026853	-.001686	-.003346	.0061065
#3	.0037395	119.9522	7.011911	-.002503	-.004742	.0063301

Elem	Sr4077
Units	ppm
Avg	.1859373
Stddev	.0005723
%RSD	.3078115
#1	.1862043
#2	.1863274
#3	.1852803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.974	3284.731	51004.38	10433.46	3760.235
Stddev	10.311	1.492	275.33	15.00	2.724
%RSD	.4350605	.0454161	.5398090	.1437511	.0724291
#1	2380.404	3283.256	51198.47	10424.83	3757.565
#2	2369.729	3286.239	51125.40	10424.78	3763.009
#3	2359.787	3284.699	50689.27	10450.78	3760.131

Sample Name: K5388-02 Acquired: 10/28/2019 15:25:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.226945	.0063408	.3948200	.1102192	.0087311	10.73505	.1381376
Stddev	.001814	.0005998	.0009570	.0017909	.0022146	.04984	.0005198
%RSD	.1478850	9.459437	.2423757	1.624861	25.36491	.4642848	.3763215

#1	1.228888	.0056482	.3958132	.1082013	.0112790	10.72110	.1384405
#2	1.226653	.0066959	.3947428	.1116197	.0076463	10.79038	.1375373
#3	1.225294	.0066781	.3939040	.1108367	.0072680	10.69367	.1384349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017354	-.000188	39.24535	-.004073	.0348622	.1488026	106.8776
Stddev	.0000237	.000048	.08808	.000296	.0003154	.0019346	.1660
%RSD	1.366890	25.79932	.2244241	7.260786	.9045975	1.300117	.1553368

#1	.0017097	-.000135	39.29599	-.003732	.0346565	.1508211	106.8780
#2	.0017401	-.000230	39.29642	-.004248	.0352253	.1469646	107.0434
#3	.0017565	-.000199	39.14365	-.004239	.0347048	.1486220	106.7114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.48186	.8147049	.0099821	.0283343	.3505258	.1842592	1.540646
Stddev	.04344	.0120040	.0005000	.0000862	.2269076	.0046456	.017950
%RSD	.2635502	1.473412	5.008906	.3040962	64.73348	2.521248	1.165074

#1	16.47002	.8058504	.0102209	.0284177	.4602102	.1812833	1.535988
#2	16.52999	.8283676	.0103180	.0283396	.5017516	.1896123	1.525485
#3	16.44557	.8098967	.0094075	.0282456	.0896156	.1818818	1.560466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.58428	1.307329	.1277788	.0819646	36.20983	1.797457	.0050444
Stddev	.05681	.008462	.0007561	.0002160	.11201	.026263	.0003949
%RSD	.4903978	.6472560	.5917308	.2635627	.3093357	1.461117	7.827788

#1	11.54067	1.298123	.1285923	.0821018	36.08713	1.821161	.0052887
#2	11.56365	1.314767	.1276464	.0820765	36.23574	1.801986	.0052556
#3	11.64852	1.309097	.1270976	.0817156	36.30662	1.769224	.0045888

Sample Name: K5388-02 Acquired: 10/28/2019 15:25:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0328575	-.003857	.7185135
Stddev	.0034855	.000546	.0012234
%RSD	10.60801	14.16522	.1702719

#1	.0356720	-.003759	.7181477
#2	.0289587	-.003366	.7198781
#3	.0339418	-.004445	.7175147

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.079	3598.702	55154.19	11257.96	3747.022
Stddev	15.781	6.494	335.65	65.68	8.382
%RSD	.6210192	.1804590	.6085742	.5834236	.2237041

#1	2537.914	3598.220	55316.16	11264.45	3756.680
#2	2558.202	3605.424	55378.14	11189.27	3741.646
#3	2527.121	3592.463	54768.26	11320.15	3742.740

Sample Name: K5388-15 Acquired: 10/28/2019 15:29:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0HA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.013737	.0165630	.8533482	-.000680	.0206007	26.23790
Stddev	.003936	.0011778	.0040046	.001707	.0013205	.08537
%RSD	.3882869	7.111249	.4692764	251.1460	6.410018	.3253715

#1	1.015023	.0173863	.8578881	-.000262	.0209358	26.24245
#2	1.016869	.0152138	.8503173	.000779	.0191449	26.15035
#3	1.009319	.0170889	.8518393	-.002557	.0217214	26.32091

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7252530	.0046225	.0055806	30.75040	-.001268	.0480151
Stddev	.0022229	.0000463	.0000687	.11990	.000258	.0000281
%RSD	.3064947	1.001577	1.231172	.3899278	20.34065	.0584271

#1	.7227160	.0046757	.0055245	30.61381	-.001285	.0480432
#2	.7261842	.0046002	.0056572	30.79909	-.001517	.0480150
#3	.7268589	.0045915	.0055601	30.83830	-.001002	.0479871

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6834305	116.0792	F 40.50258	3.218998	.0239892	.0089525
Stddev	.0045431	.3700	.25241	.012230	.0001870	.0001322
%RSD	.6647526	.3187297	.6231924	.3799380	.7795587	1.477036

#1	.6786059	115.6667	40.21113	3.204878	.0239779	.0088363
#2	.6840590	116.1889	40.64942	3.225843	.0238080	.0090964
#3	.6876267	116.3818	40.64720	3.226274	.0241815	.0089247

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3752773	.1298627	2.663785	7.256219	6.360166	.1350860
Stddev	.1648623	.0008280	.015262	.079117	.021544	.0018336
%RSD	43.93079	.6375999	.5729385	1.090333	.3387289	1.357344

#1	.2011325	.1307483	2.662939	7.250284	6.375408	.1331361
#2	.3957558	.1297318	2.679452	7.180238	6.369571	.1367753
#3	.5289437	.1291079	2.648964	7.338137	6.335519	.1353466

Sample Name: K5388-15 Acquired: 10/28/2019 15:29:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0HA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393470	31.69801	3.509913	.0048512	.1615576	.0042181
Stddev	.0002323	.08845	.019988	.0004211	.0006637	.0003370
%RSD	.5904535	.2790503	.5694682	8.679284	.4108374	7.990160

#1	.0396135	31.79817	3.523028	.0052632	.1618720	.0038307
#2	.0392411	31.66523	3.486909	.0044217	.1607950	.0043796
#3	.0391866	31.63062	3.519804	.0048688	.1620056	.0044440

Elem	Sr4077
Units	ppm
Avg	.9205673
Stddev	.0008196
%RSD	.0890305

#1	.9205710
#2	.9197459
#3	.9213850

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.270	4456.300	67860.11	13862.54	3737.712
Stddev	21.453	6.248	176.62	40.26	5.930
%RSD	.6814167	.1402023	.2602673	.2904171	.1586516

#1	3148.311	4456.298	67905.71	13836.06	3732.922
#2	3126.796	4450.053	67665.16	13908.87	3735.869
#3	3169.702	4462.549	68009.45	13842.69	3744.344

Sample Name: CCV039 Acquired: 10/28/2019 15:33:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.677739	4.748658	24.18710	4.651519	4.714092	398.4784	9.804346
Stddev	.012086	.012073	.01889	.008108	.006952	.5747	.008101
%RSD	.2583721	.2542400	.0781143	.1743109	.1474733	.1442131	.0826272

#1	4.673604	4.735156	24.20702	4.660217	4.711129	398.0674	9.812807
#2	4.668263	4.752407	24.16943	4.650170	4.709112	398.2326	9.803568
#3	4.691349	4.758412	24.18486	4.644170	4.722034	399.1350	9.796661

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4851249	2.424292	404.8130	14.66156	2.445889	14.55792	402.3941
Stddev	.0037173	.003359	.3617	.02818	.001657	.01381	1.5218
%RSD	.7662481	.1385511	.0893444	.1922056	.0677499	.0948952	.3781816

#1	.4894149	2.425341	404.9138	14.69329	2.446847	14.57319	403.4271
#2	.4831013	2.420534	404.4116	14.65191	2.443976	14.54629	400.6465
#3	.4828584	2.427001	405.1135	14.63947	2.446844	14.55428	403.1086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49410	383.0051	2.444834	1.226997	401.2182	2.395453	14.04930
Stddev	.05027	1.6429	.004501	.013584	.8506	.007826	.23569
%RSD	.3468172	.4289552	.1840876	1.107119	.2120116	.3267082	1.677574

#1	14.53937	383.1940	2.447528	1.234817	400.4697	2.396419	13.97560
#2	14.44000	381.2759	2.439638	1.211311	402.1432	2.387189	13.85927
#3	14.50294	384.5455	2.447335	1.234862	401.0417	2.402751	14.31303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.0878	4.909275	5.163610	4.684687	4.904986	4.846713	4.860282
Stddev	.1116	.005057	.035736	.006237	.008652	.034643	.004228
%RSD	.0753522	.1030181	.6920835	.1331455	.1763959	.7147725	.0870006

#1	148.1649	4.903773	5.204508	4.679944	4.895202	4.886664	4.863749
#2	148.1388	4.913722	5.138402	4.682365	4.911628	4.824985	4.855571
#3	147.9599	4.910330	5.147921	4.691753	4.908129	4.828490	4.861527

Sample Name: CCV039 Acquired: 10/28/2019 15:33:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV039 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.817680	4.885489	4.827011
Stddev	.003587	.008770	.013946
%RSD	.0744505	.1795131	.2889143

#1	4.813694	4.875499	4.831571
#2	4.818700	4.891922	4.838106
#3	4.820647	4.889045	4.811356

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.782	2855.279	45759.60	9868.196	3045.615
Stddev	20.730	1.126	242.71	17.925	4.058
%RSD	1.036088	.0394409	.5304026	.1816406	.1332383

#1	2003.620	2855.233	45693.95	9862.605	3041.004
#2	2019.947	2856.428	46028.39	9853.734	3048.641
#3	1978.780	2854.177	45556.47	9888.250	3047.201

Sample Name: CCB039 Acquired: 10/28/2019 15:37:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB039 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001140	-.000900	.0009204	.0040561	-.000588	.0245324	.0010296
Stddev	.005894	.001222	.0015200	.0010061	.000621	.0010864	.0005650
%RSD	516.8503	135.8431	165.1463	24.80406	105.6201	4.428466	54.86946

#1	-.000473	-.000546	.0024289	.0029466	-.000968	.0247173	.0014587
#2	.004392	.000107	-.000611	.0049090	.000129	.0233654	.0003895
#3	-.007340	-.002260	.000943	.0043129	-.000925	.0255145	.0012406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000080	.0000128	.0064104	.0004105	.0000033	-.001705	.0116000
Stddev	.0000473	.0000197	.0126114	.0004375	.0003011	.001364	.0033286
%RSD	594.7474	154.1272	196.7321	106.5818	9124.775	80.03478	28.69501

#1	.0000516	.0000253	.0187936	.0000687	-.000033	-.002484	.0142928
#2	-.000042	-.000010	-.006417	.0002593	.000321	-.000129	.0078784
#3	.000015	.000023	.006855	.0009036	-.000278	-.002500	.0126289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007989	-.000246	.0002294	.0004106	-.136036	-.002600	.0040445
Stddev	.0001950	.016294	.0001227	.0001922	.482751	.002199	.0029161
%RSD	24.41248	6619.371	53.49102	46.79546	354.8699	84.60513	72.10089

#1	.0007353	.016430	.0001566	.0002356	.353031	-.005131	.0063043
#2	.0006436	-.016129	.0003711	.0006162	-.612214	-.001515	.0050765
#3	.0010177	-.001040	.0001606	.0003799	-.148925	-.001153	.0007527

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.185033	.0006486	.0005947	.0004525	-.004890	.0018068	-.000298
Stddev	.007416	.0013671	.0007128	.0001769	.003711	.0045888	.000066
%RSD	4.008105	210.7578	119.8581	39.09334	75.87658	253.9819	22.14155

#1	-.189798	.0011206	.0012924	.0006340	-.008397	-.001852	-.000348
#2	-.188814	.0017172	-.000132	.0004429	-.005269	.006955	-.000323
#3	-.176489	-.000892	.000624	.0002806	-.001005	.000317	-.000223

Sample Name: CCB039 Acquired: 10/28/2019 15:37:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v995) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB039 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000458	-.001547	.0001721
Stddev	.001651	.000782	.0000145
%RSD	360.2330	50.57894	8.434619

#1	-.001853	-.001839	.0001716
#2	.001364	-.000660	.0001869
#3	-.000885	-.002141	.0001579

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2352.613	3336.004	50523.16	10247.96	3788.104
Stddev	11.368	5.501	257.84	30.55	.225
%RSD	.4831944	.1648973	.5103462	.2980820	.0059355

#1	2352.234	3329.723	50668.49	10229.05	3788.358
#2	2364.166	3338.327	50675.53	10283.20	3788.027
#3	2341.440	3339.963	50225.45	10231.63	3787.928