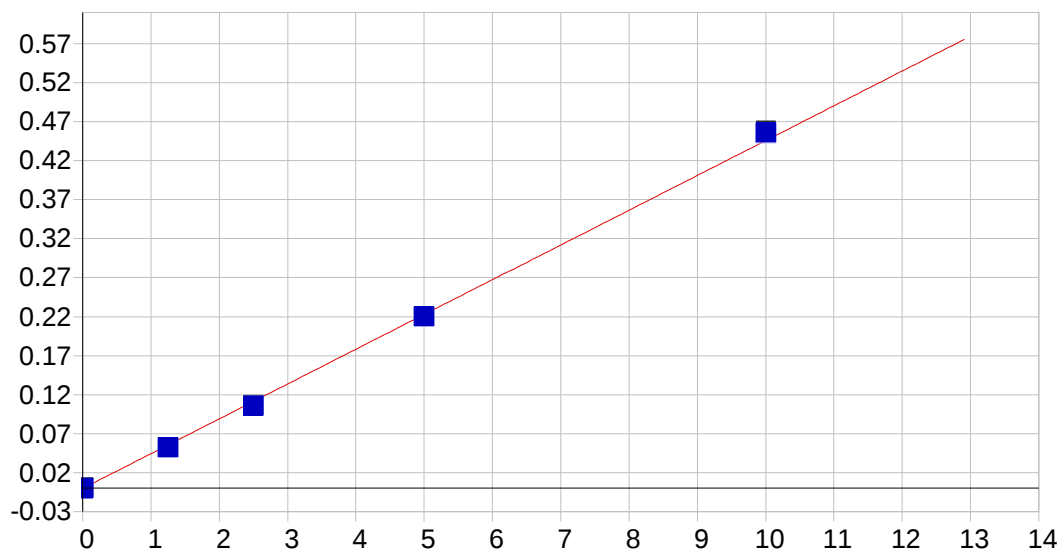


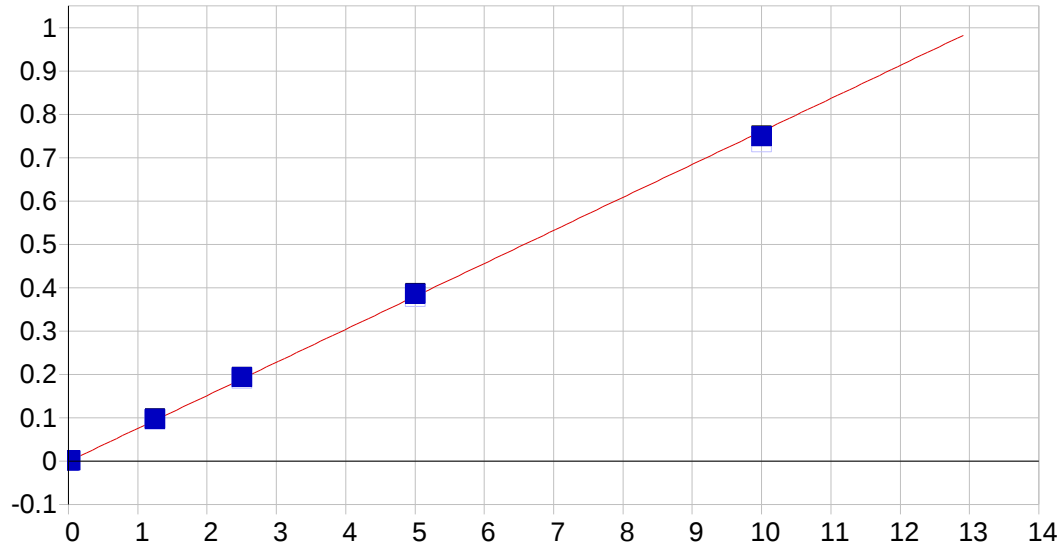


As 189.042 {479}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000381	Re-Slope: 1.000000
A1 (Gain):	0.044619	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999578	Status: OK.
Std Error of Est:	0.000022	
Predicted MDL:	0.003311	
Predicted MQL:	0.011035	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00038	.000	1
S1	.01000	.01258	.003	25.8	.00018	.000	1
S2	1.2500	1.1822	-.068	-5.43	.05217	.000	1
S3	2.5000	2.3856	-.114	-4.57	.10567	.000	1
S4	5.0000	4.9443	-.056	-1.11	.21943	.000	1
S5	10.000	10.235	.235	2.35	.45472	.002	1

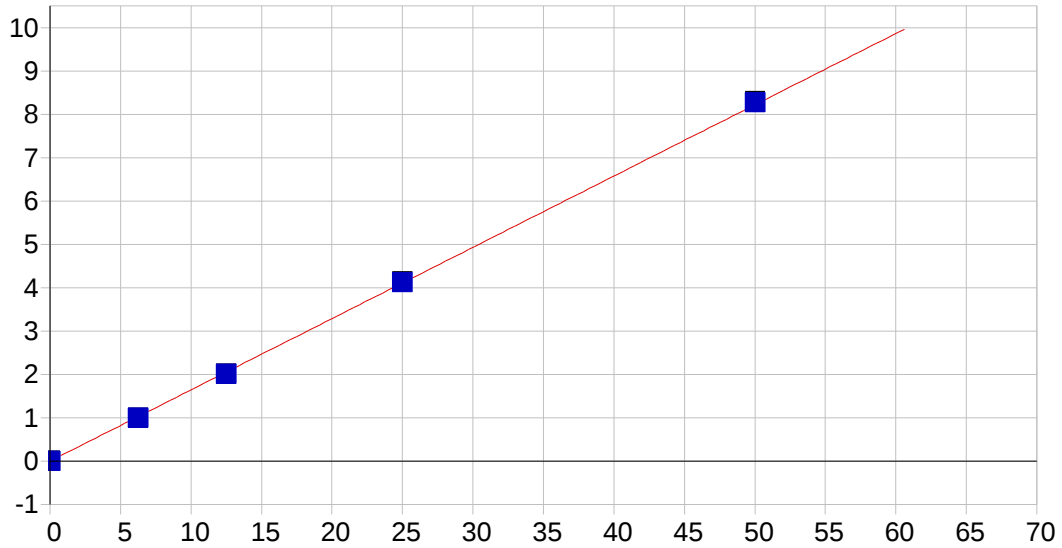


TI 190.856 {477}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000557 Re-Slope: 1.000000
 A1 (Gain): 0.076091 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.001721
 Predicted MQL: 0.005738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00056	.000	1
S1	.02500	.02471	.000	-1.18	.00124	.000	1
S2	1.2500	1.2814	.031	2.51	.09519	.000	1
S3	2.5000	2.5453	.045	1.81	.18961	.001	1
S4	5.0000	5.0743	.074	1.49	.37853	.002	1
S5	10.000	9.8493	-.151	-1.51	.73486	.001	1

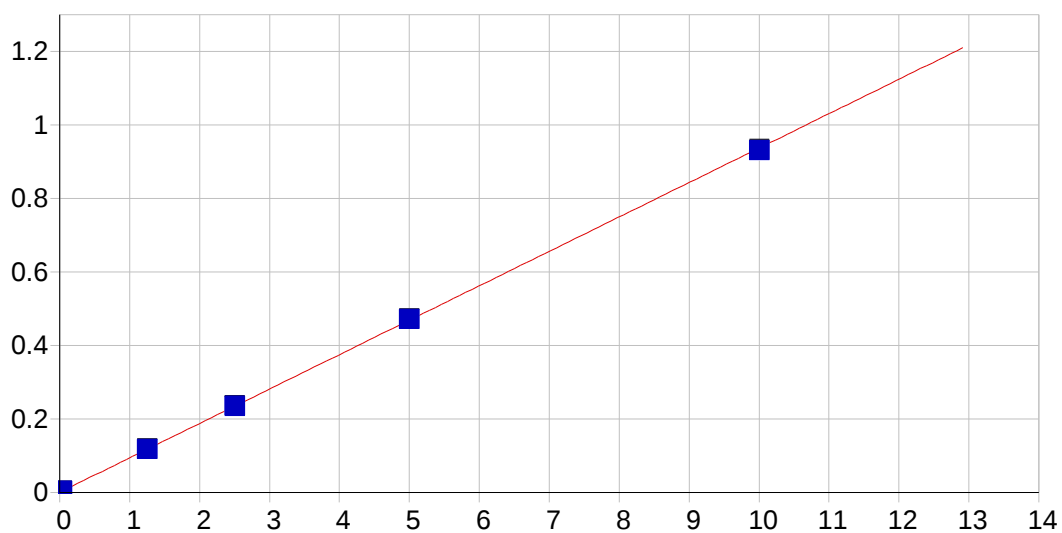


Pb 220.353 {453}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000311 Re-Slope: 1.000000
 A1 (Gain): 0.164372 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001632
 Predicted MQL: 0.005441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.00832	-.002	-16.8	.00106	.000	1
S2	6.2500	6.0496	-.200	-3.21	.99397	.004	1
S3	12.500	12.218	-.282	-2.26	2.0077	.003	1
S4	25.000	25.121	.121	.486	4.1285	.013	1
S5	50.000	50.363	.363	.726	8.2771	.017	1

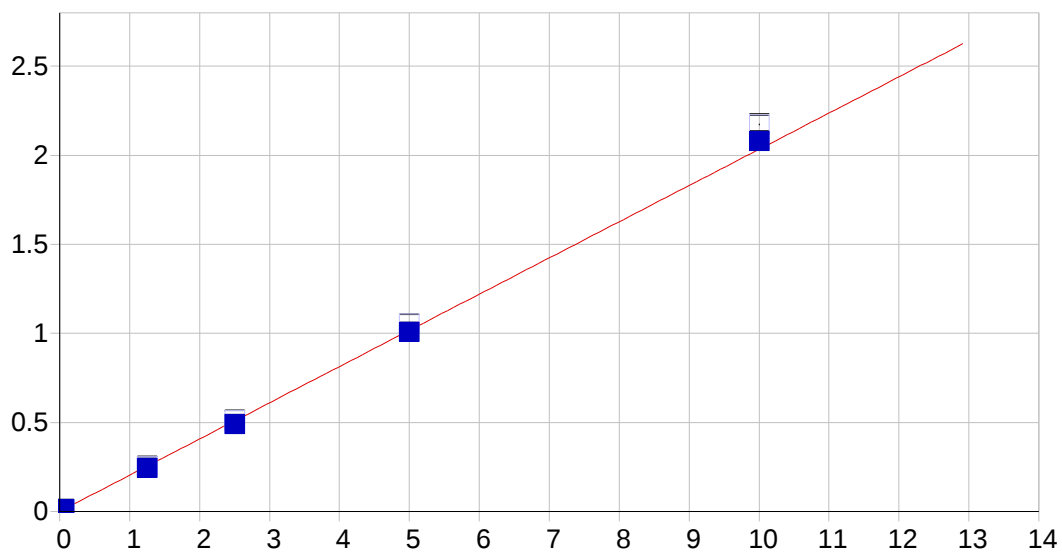


Se 196.090 {472}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000477 Re-Slope: 1.000000
 A1 (Gain): 0.093653 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002439
 Predicted MQL: 0.008131

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.03500	.03603	.001	2.93	.00385	.000	1
S2	1.2500	1.2616	.012	.928	.11832	.000	1
S3	2.5000	2.5075	.007	.300	.23470	.001	1
S4	5.0000	5.0373	.037	.747	.47101	.001	1
S5	10.000	9.9425	-.057	-.575	.92916	.002	1

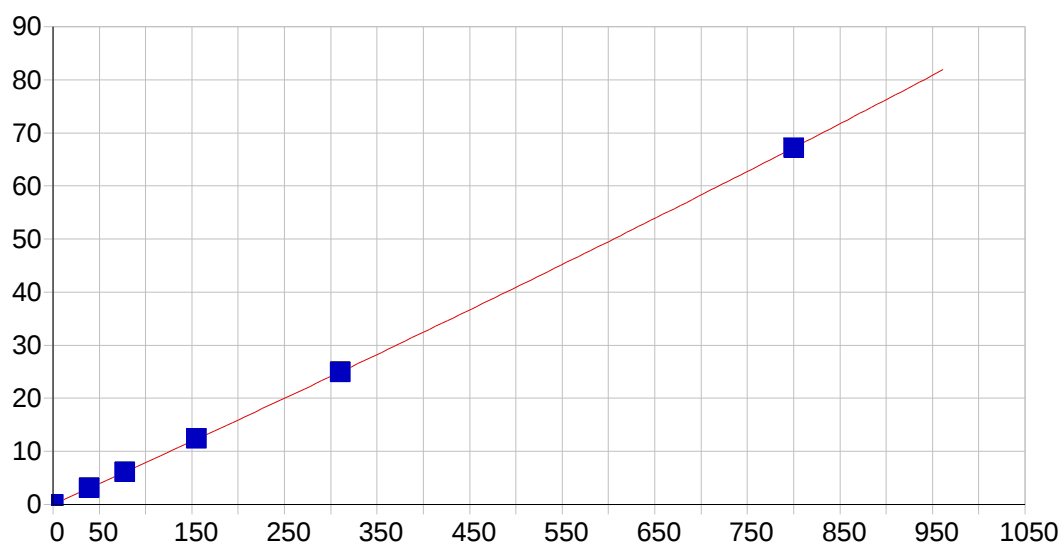


Sb 206.833 {463}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000437 Re-Slope: 1.000000
 A1 (Gain): 0.203335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.001405
 Predicted MQL: 0.004682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00044	.000	1
S1	.06000	.05782	-.002	-3.64	.01220	.000	1
S2	1.2500	1.1886	-.061	-4.91	.25382	.001	1
S3	2.5000	2.3992	-.101	-4.03	.51168	.002	1
S4	5.0000	4.9441	-.056	-1.12	1.0526	.002	1
S5	10.000	10.220	.220	2.20	2.1722	.005	1

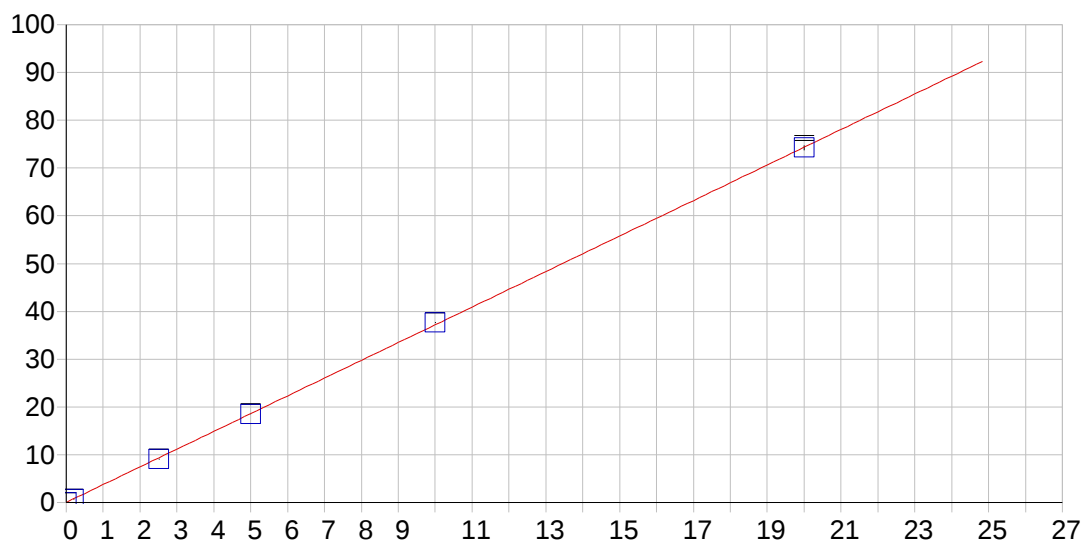


AI 396.152 { 85}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.003172	Re-Slope: 1.000000
A1 (Gain):	0.078173	Y-int: 0.000000
A2 (Curvature):	0.000007	
n (Exponent):	1.000000	
Correlation:	0.999995	Status: Warning Positive Curvature
Std Error of Est:	0.000184	
Predicted MDL:	0.015142	
Predicted MQL:	0.050475	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00317	.001	1
S1	.20000	.20355	.004	1.77	.01935	.001	1
S2	38.750	39.096	.346	.892	3.0766	.007	1
S3	77.500	76.907	-.593	-.765	6.0704	.020	1
S4	155.00	155.90	.897	.579	12.391	.052	1
S5	310.00	309.17	-.826	-.267	24.916	.061	1
S6	800.00	800.18	.175	.022	67.253	.051	1

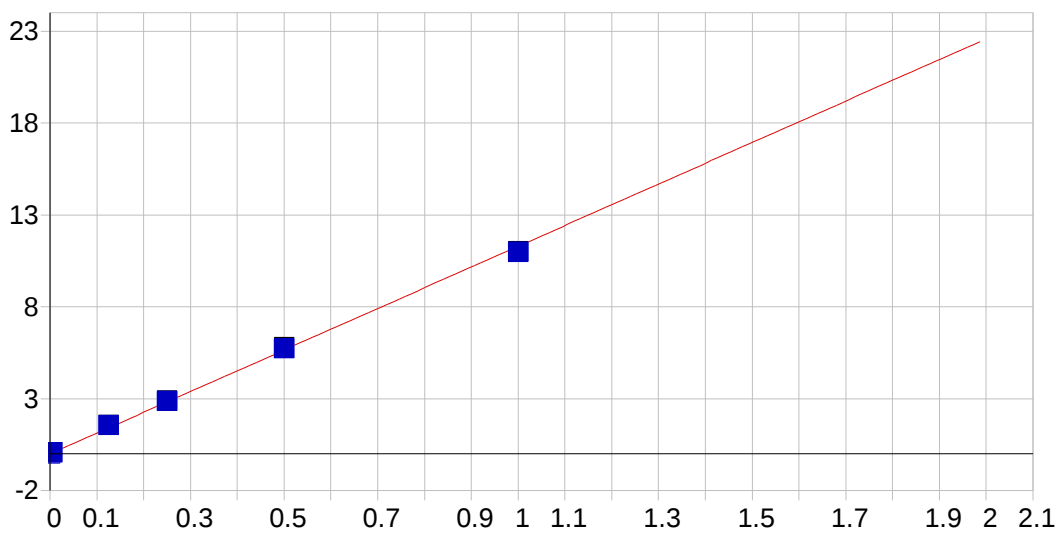


Ba 493.409 { 68}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020997 Re-Slope: 1.000000
 A1 (Gain): 3.716368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.004559
 Predicted MDL: 0.000995
 Predicted MQL: 0.003317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.02106	.003	1
S1	.20000	.18703	-.013	-6.49	.71607	.002	1
S2	2.5000	2.4248	-.075	-3.01	9.0324	.010	1
S3	5.0000	4.9769	-.023	-.462	18.517	.052	1
S4	10.000	10.134	.134	1.34	37.681	.034	1
S5	20.000	19.978	-.022	-.112	74.265	.523	1

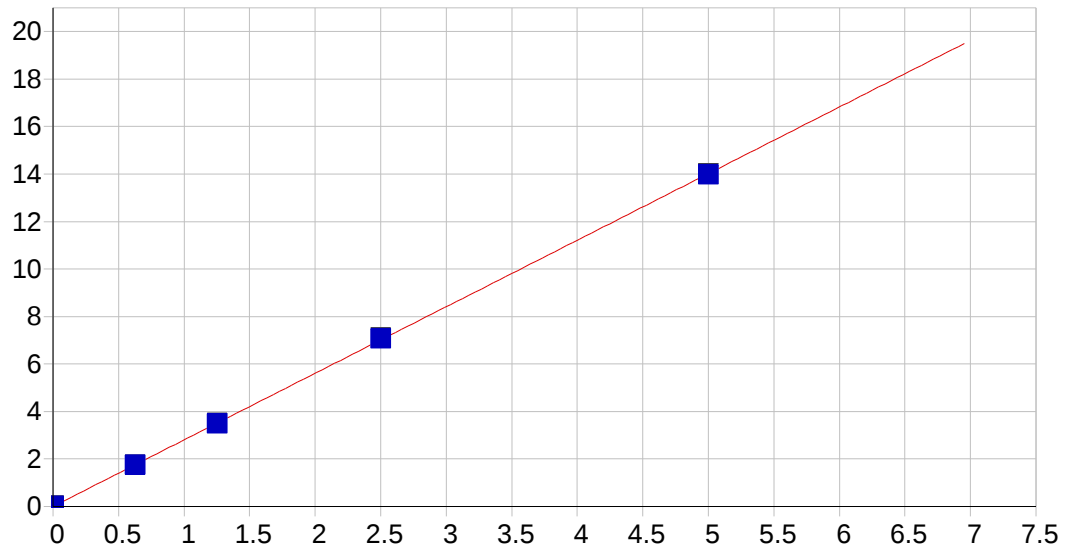


Be 234.861 {144}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003350 Re-Slope: 1.000000
 A1 (Gain): 11.291823 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999441 Status: OK.
 Std Error of Est: 0.001412
 Predicted MDL: 0.000061
 Predicted MQL: 0.000203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00336	.001	1
S1	.00500	.00501	.000	.128	.05314	.001	1
S2	.12500	.13720	.012	9.76	1.5412	.012	1
S3	.25000	.25494	.005	1.98	2.8660	.011	1
S4	.50000	.50847	.008	1.69	5.7195	.059	1
S5	1.0000	.97438	-.026	-2.56	10.962	.012	1

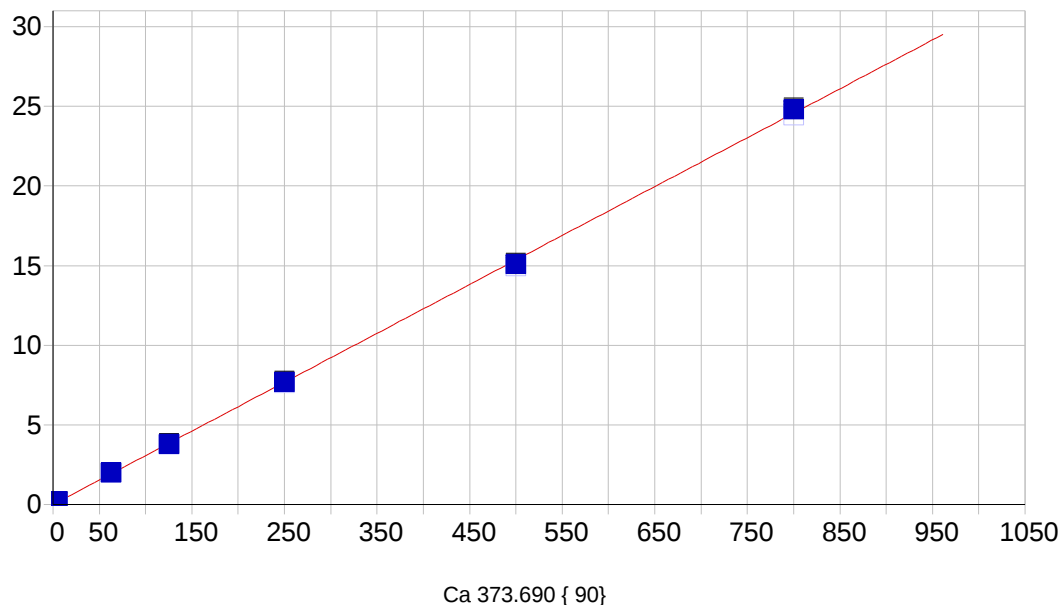


Cd 214.438 {457}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000571 Re-Slope: 1.000000
 A1 (Gain): 2.803837 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000129
 Predicted MDL: 0.000075
 Predicted MQL: 0.000250

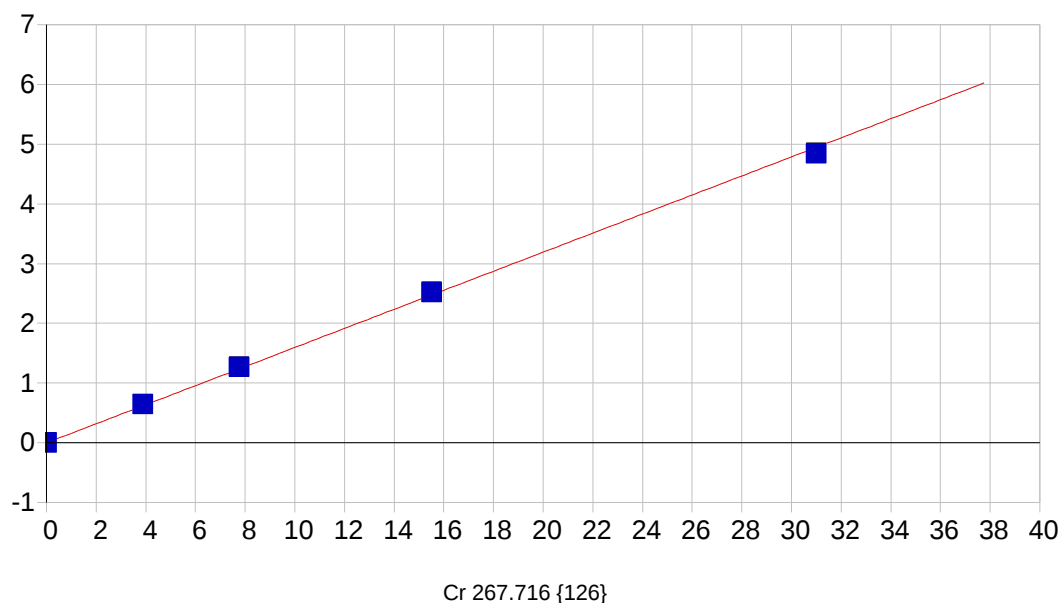
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00057	.000	1
S1	.00500	.00473	.000	-5.48	.01383	.000	1
S2	.62500	.62226	-.003	-.438	1.7480	.007	1
S3	1.2500	1.2470	-.003	-.244	3.5022	.005	1
S4	2.5000	2.5222	.022	.890	7.0833	.024	1
S5	5.0000	4.9838	-.016	-.324	13.996	.038	1



Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003033 Re-Slope: 1.000000
 A1 (Gain): 0.030704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999898 Status: OK.
 Std Error of Est: 0.001513
 Predicted MDL: 0.027596
 Predicted MQL: 0.091988

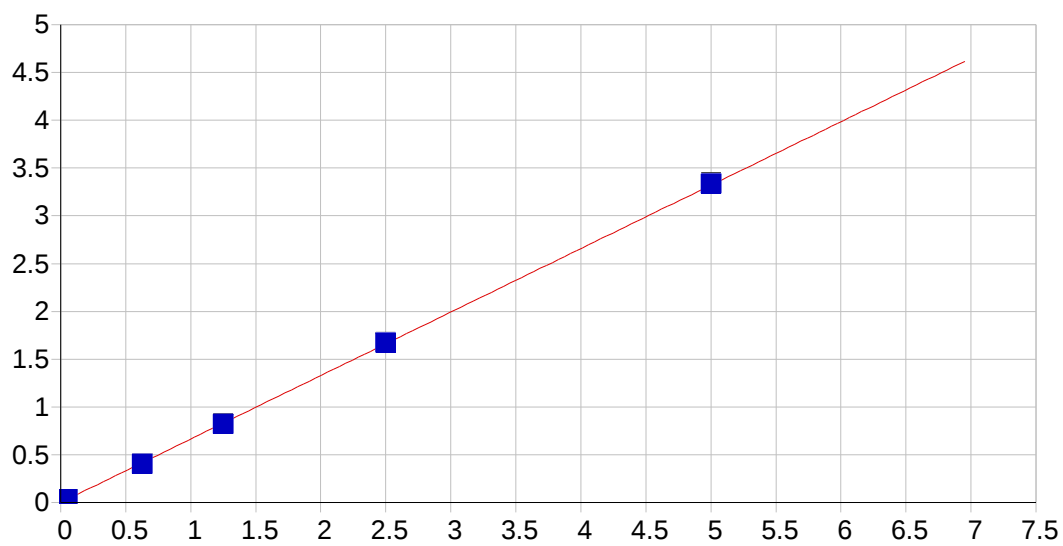
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	.000	.000	.00303	.001	1
S1	5.0000	5.0032	.003	.064	.15660	.002	1
S2	62.500	65.179	2.68	4.29	1.9871	.010	1
S3	125.00	123.73	-1.27	-1.02	3.7677	.017	1
S4	250.00	250.00	.003	.001	7.6104	.076	1
S5	500.00	491.28	-8.72	-1.74	14.950	.072	1
S6	800.00	807.35	7.35	.919	24.426	.109	1



Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.159552 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.000518
 Predicted MQL: 0.001727

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01069	.001	6.89	.00169	.000	1
S2	3.8750	4.0351	.160	4.13	.64397	.001	1
S3	7.7500	7.9402	.190	2.45	1.2672	.002	1
S4	15.500	15.792	.292	1.88	2.5203	.002	1
S5	31.000	30.357	-.643	-2.07	4.8449	.006	1

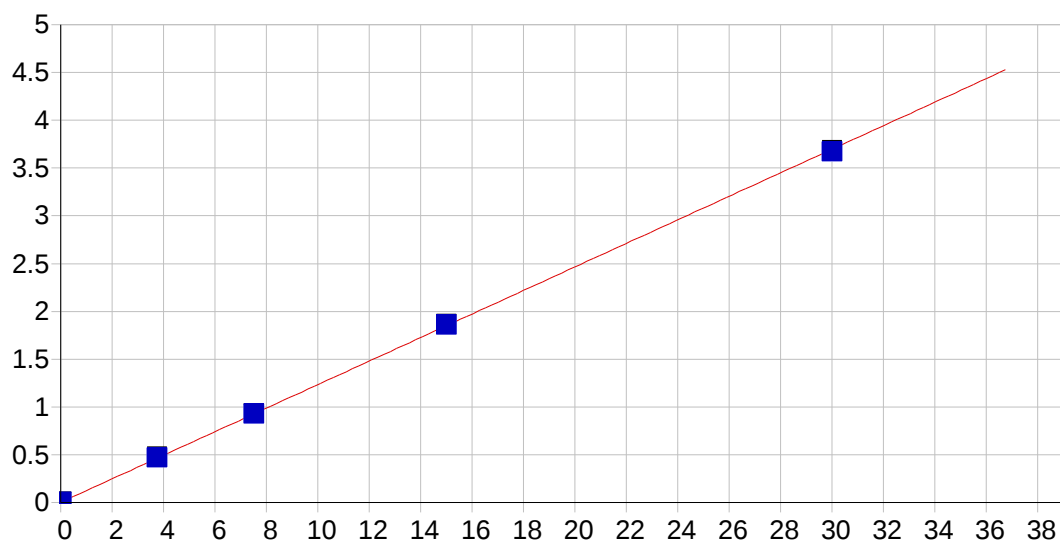


Co 228.616 {448}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000212 Re-Slope: 1.000000
 A1 (Gain): 0.664097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.000273
 Predicted MQL: 0.000910

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00022	.000	1
S1	.05000	.04541	-.005	-9.19	.03048	.000	1
S2	.62500	.60866	-.016	-2.61	.40508	.001	1
S3	1.2500	1.2327	-.017	-1.39	.82013	.001	1
S4	2.5000	2.5173	.017	.692	1.6746	.004	1
S5	5.0000	5.0210	.021	.420	3.3399	.009	1

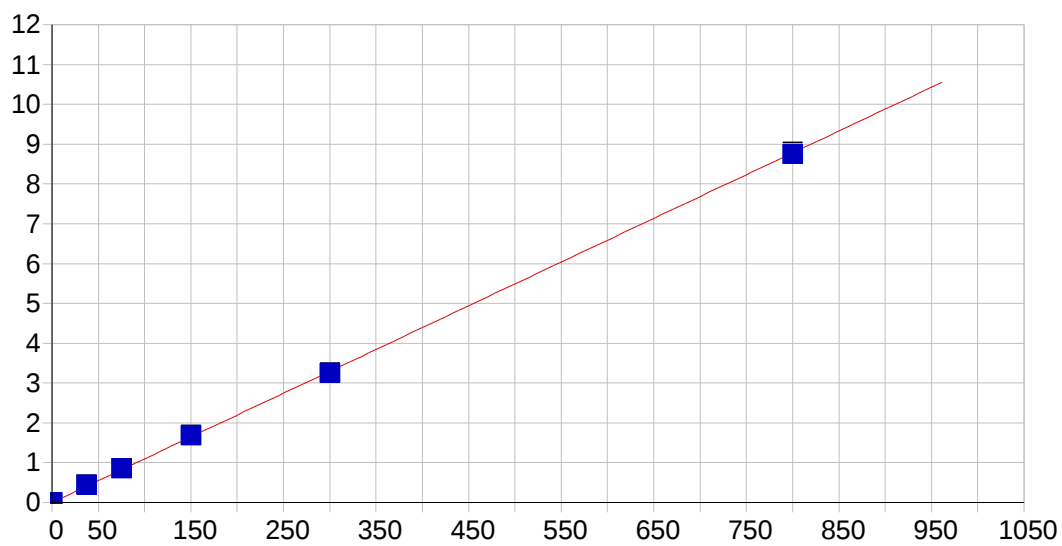


Cu 324.754 {104}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001613 Re-Slope: 1.000000
 A1 (Gain): 0.123164 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999950 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.004815
 Predicted MQL: 0.016051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00161	.000	1
S1	.02500	.01844	-.007	-26.3	.00388	.000	1
S2	3.7500	3.8300	.080	2.13	.47298	.003	1
S3	7.5000	7.5181	.018	.241	.92688	.003	1
S4	15.000	15.110	.110	.733	1.8612	.002	1
S5	30.000	29.799	-.201	-.671	3.6690	.012	1

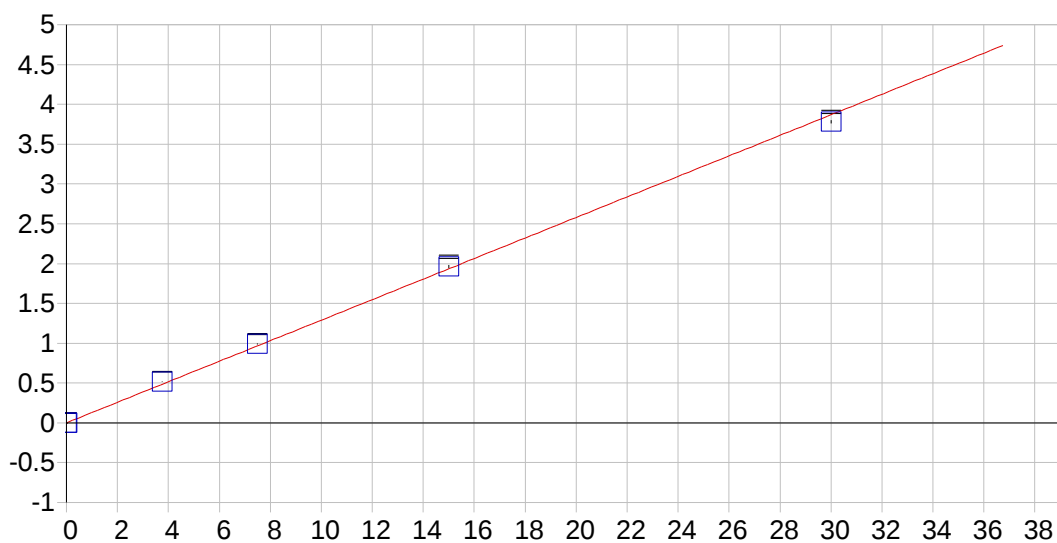


Fe 259.837 {130}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000234 Re-Slope: 1.000000
 A1 (Gain): 0.010978 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.025220
 Predicted MQL: 0.084068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00023	.000	1
S1	.10000	.09819	-.002	-1.81	.00136	.000	1
S2	37.500	39.624	2.12	5.66	.43607	.000	1
S3	75.000	77.513	2.51	3.35	.85286	.004	1
S4	150.00	153.41	3.41	2.27	1.6878	.013	1
S5	300.00	295.57	-4.43	-1.48	3.2517	.012	1
S6	800.00	796.38	-3.62	-.452	8.7538	.045	1

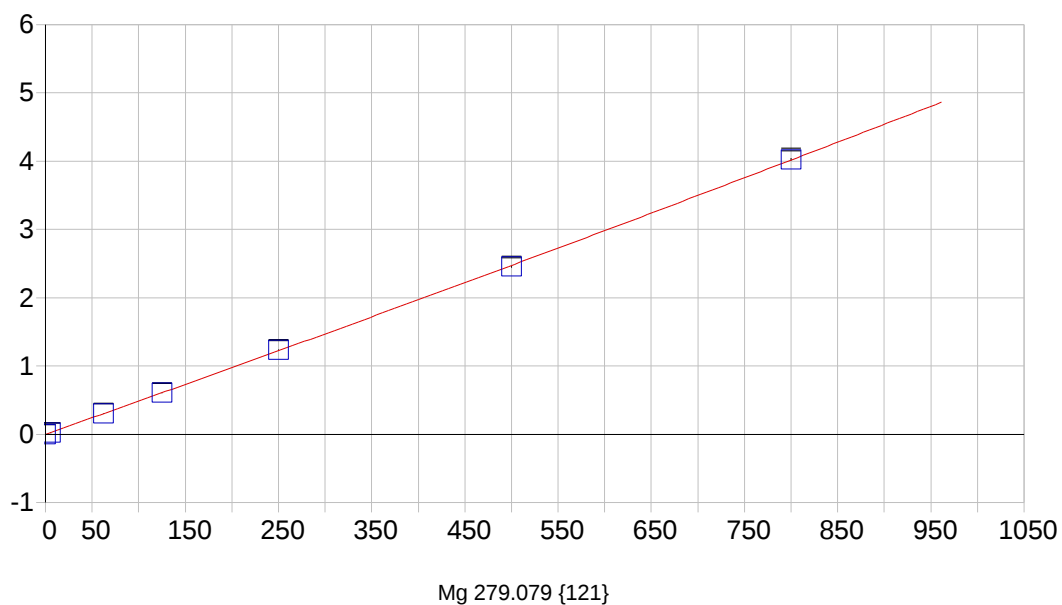


Mn 257.610 {131}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.128959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999612 Status: OK.
 Std Error of Est: 0.000128
 Predicted MDL: 0.001869
 Predicted MQL: 0.006229

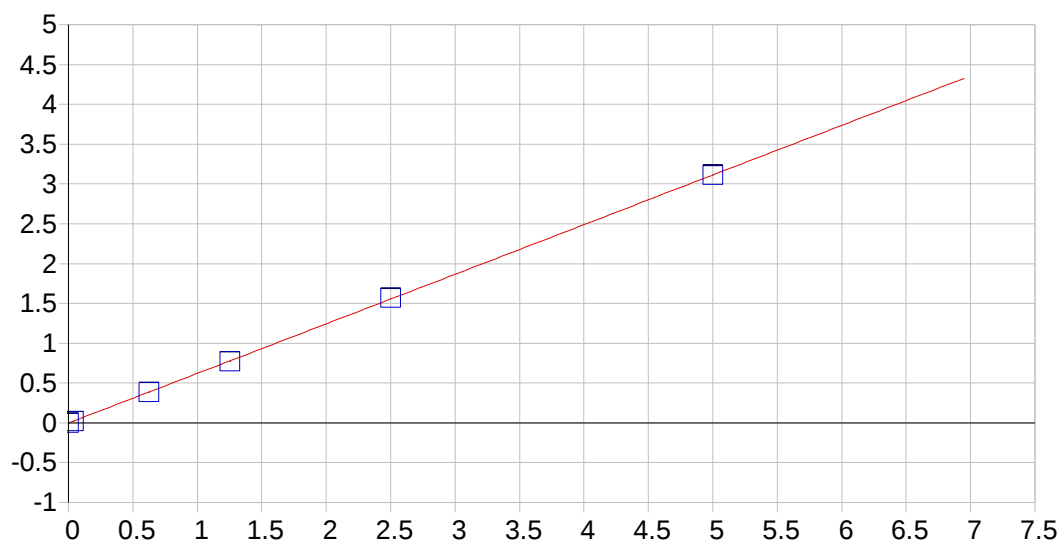
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.01500	.01724	.002	14.9	.00217	.000	1
S2	3.7500	4.0207	.271	7.22	.51845	.002	1
S3	7.5000	7.6956	.196	2.61	.99237	.007	1
S4	15.000	15.216	.216	1.44	1.9621	.019	1
S5	30.000	29.316	-.684	-2.28	3.7805	.020	1



Date of Fit: 12/10/2018 18:07:24 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000050 Re-Slope: 1.000000
 A1 (Gain): 0.004832 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: Warning Positive Curvature
 Std Error of Est: 0.000139
 Predicted MDL: 0.069136
 Predicted MQL: 0.230454

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	-.00005	.000	1
S1	5.0000	4.7394	-.261	-5.21	.02285	.000	1
S2	62.500	63.053	.553	.885	.30553	.002	1
S3	125.00	124.80	-.203	-.163	.60659	.004	1
S4	250.00	252.41	2.41	.964	1.2345	.009	1
S5	500.00	495.48	-4.52	-.904	2.4518	.012	1
S6	800.00	802.02	2.02	.253	4.0267	.021	1

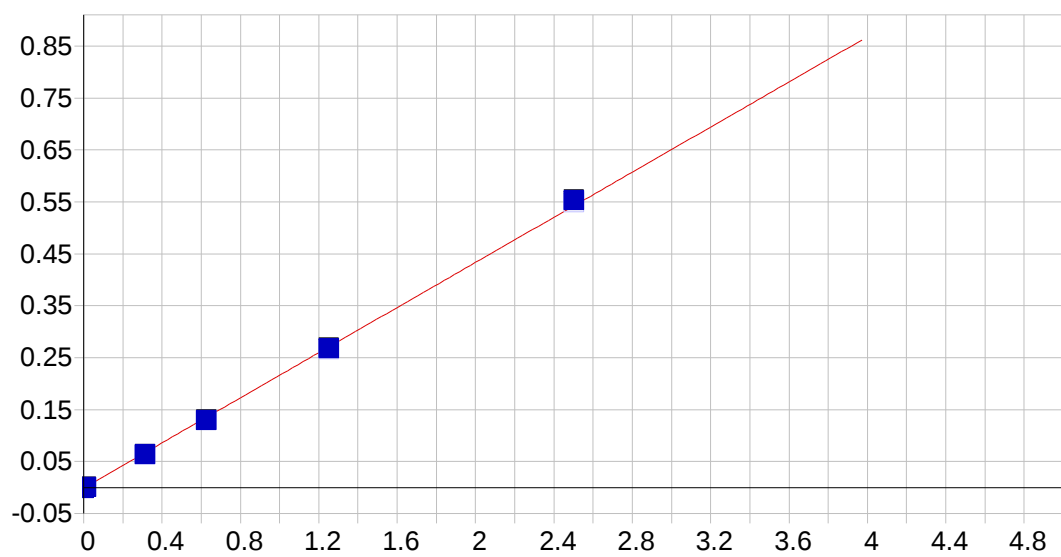


Ni 231.604 {446}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001613 Re-Slope: 1.000000
 A1 (Gain): 0.622712 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000380
 Predicted MQL: 0.001267

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00161	.000	1
S1	.04000	.03837	-.002	-4.08	.02228	.000	1
S2	.62500	.61918	-.006	-.931	.38396	.001	1
S3	1.2500	1.2409	-.009	-.728	.77111	.001	1
S4	2.5000	2.5192	.019	.770	1.5672	.005	1
S5	5.0000	4.9973	-.003	-.054	3.1103	.006	1

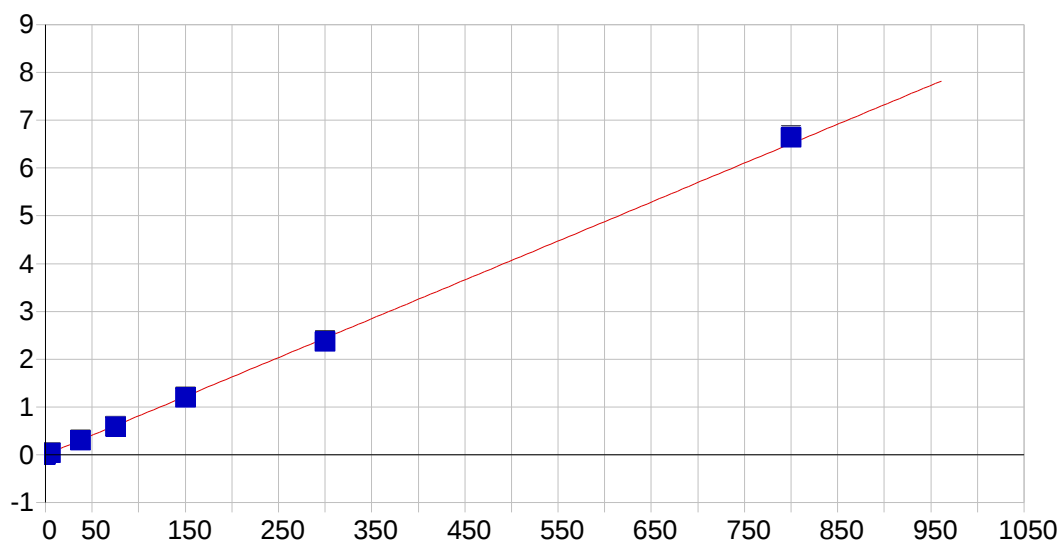


Ag 328.068 {103}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000958	Re-Slope: 1.000000
A1 (Gain):	0.217161	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999718	Status: OK.
Std Error of Est:	0.000043	
Predicted MDL:	0.000528	
Predicted MQL:	0.001762	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.01000	.00944	-.001	-5.64	.00107	.000	1
S2	.31250	.29718	-.015	-4.90	.06313	.000	1
S3	.62500	.60316	-.022	-3.49	.12914	.001	1
S4	1.2500	1.2386	-.011	-.915	.26624	.001	1
S5	2.5000	2.5492	.049	1.97	.54908	.002	1

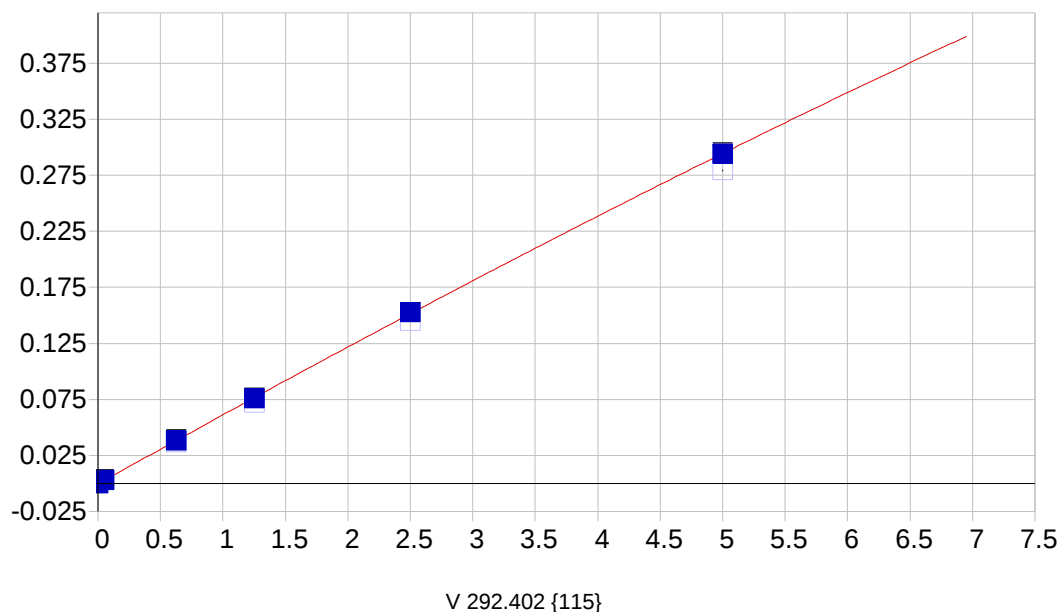


Na 818.326 { 41}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000964 Re-Slope: 1.000000
 A1 (Gain): 0.008137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999702 Status: OK.
 Std Error of Est: 0.000617
 Predicted MDL: 0.320592
 Predicted MQL: 1.068641

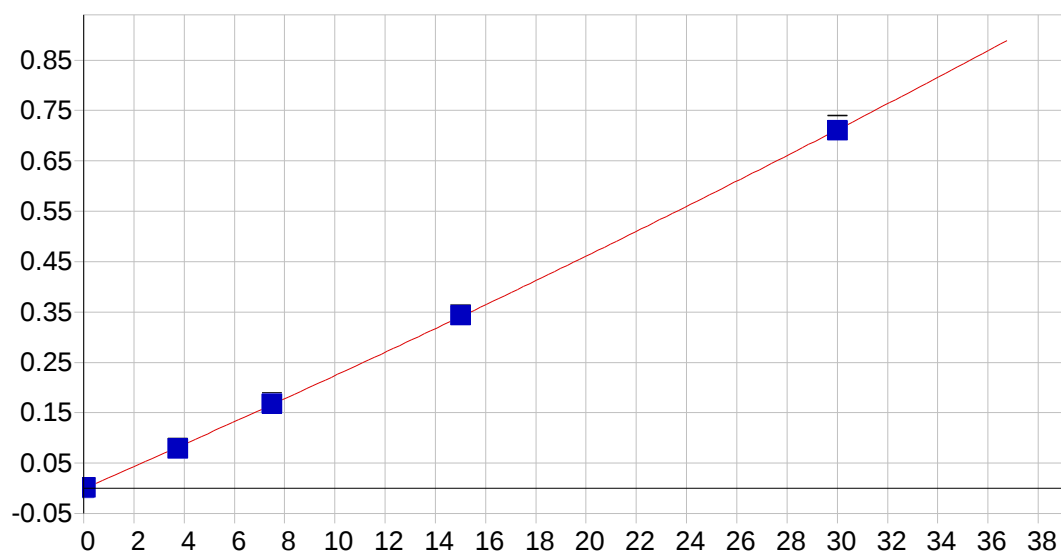
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00076	.001	.000	-.00096	.002	1
S1	5.0000	4.6450	-.355	-7.10	.03683	.002	1
S2	37.500	37.102	-.398	-1.06	.30228	.002	1
S3	75.000	72.255	-2.74	-3.66	.58966	.003	1
S4	150.00	146.63	-3.37	-2.25	1.1975	.007	1
S5	300.00	290.70	-9.30	-3.10	2.3752	.009	1
S6	800.00	816.17	16.2	2.02	6.6688	.011	1



Date of Fit: 12/10/2018 18:07:24 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000117 Re-Slope: 1.000000
 A1 (Gain): 0.062205 Y-int: 0.000000
 A2 (Curvature): -0.000831
 n (Exponent): 1.010000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.006515
 Predicted MQL: 0.021717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.05000	.05011	.000	.229	.00290	.000	1
S2	.62500	.62598	.001	.157	.03645	.001	1
S3	1.2500	1.2384	-.012	-.926	.07208	.001	1
S4	2.5000	2.5157	.016	.628	.14501	.000	1
S5	5.0000	4.9947	-.005	-.107	.27931	.001	1

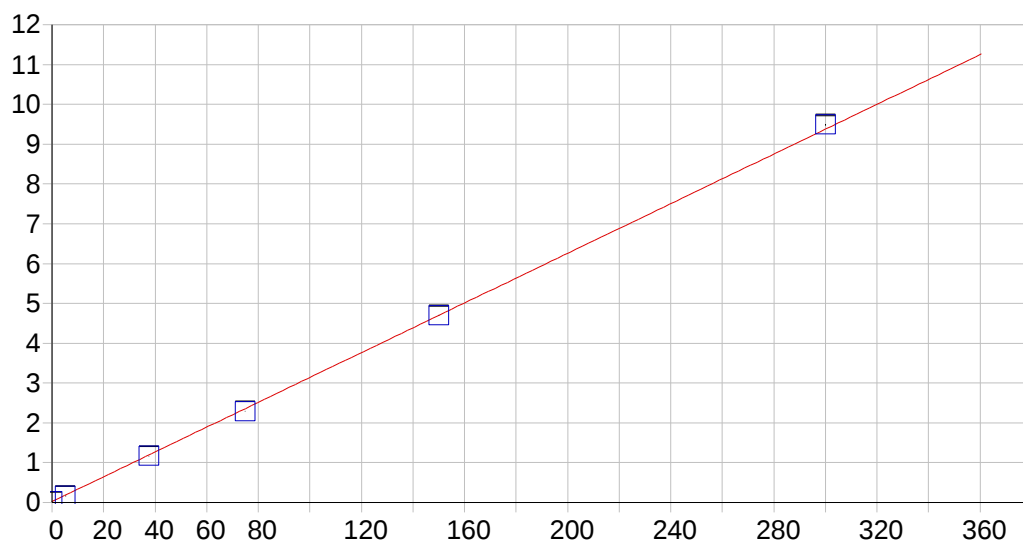


Zn 213.856 {158}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000436 Re-Slope: 1.000000
 A1 (Gain): 0.021734 Y-int: 0.000000
 A2 (Curvature): 0.000067
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: Warning Positive Curvature
 Std Error of Est: 0.000023
 Predicted MDL: 0.014686
 Predicted MQL: 0.048953

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00044	.000	1
S1	.06000	.06369	.004	6.15	.00095	.000	1
S2	3.7500	3.5979	-.152	-4.06	.07876	.001	1
S3	7.5000	7.5784	.078	1.05	.16838	.002	1
S4	15.000	15.130	.130	.865	.34422	.001	1
S5	30.000	29.939	-.061	-.203	.71122	.010	1

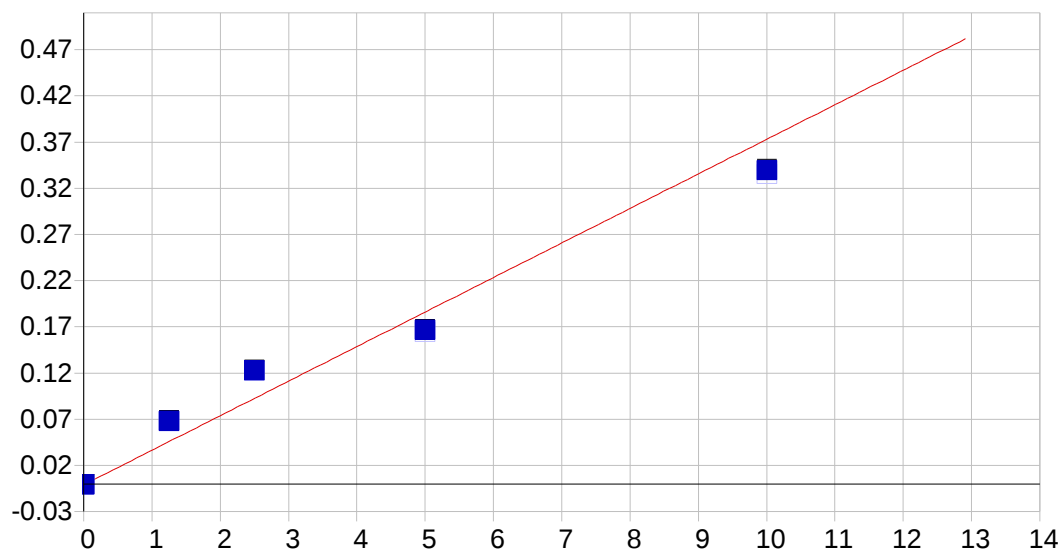


K 769.896 { 44}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.021942	Re-Slope: 1.000000
A1 (Gain):	0.031181	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999859	Status: OK.
Std Error of Est:	0.001079	
Predicted MDL:	0.075538	
Predicted MQL:	0.251795	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00064	.001	.000	.02196	.003	1
S1	5.0000	4.5493	-.451	-9.01	.16379	.002	1
S2	37.500	36.787	-.713	-1.90	1.1690	.007	1
S3	75.000	72.816	-2.18	-2.91	2.2924	.007	1
S4	150.00	149.81	-.186	-.124	4.6933	.014	1
S5	300.00	303.53	3.53	1.18	9.4866	.018	1

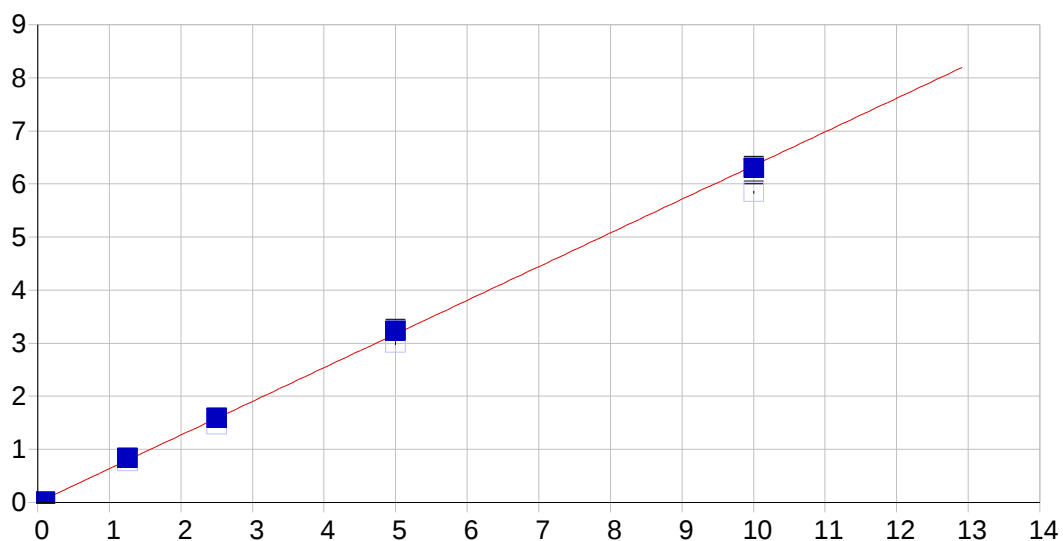


P 177.495 {490}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001104 Re-Slope: 1.000000
 A1 (Gain): 0.037411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.981726 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.002407
 Predicted MQL: 0.008022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00110	.000	1
S1	.01000	.00999	.000	-.131	-.00073	.000	1
S2	1.2500	1.8512	.601	48.1	.06763	.000	1
S3	2.5000	3.3150	.815	32.6	.12187	.000	1
S4	5.0000	4.4804	-.520	-10.4	.16442	.000	1
S5	10.000	9.1035	-.897	-8.97	.33528	.001	1

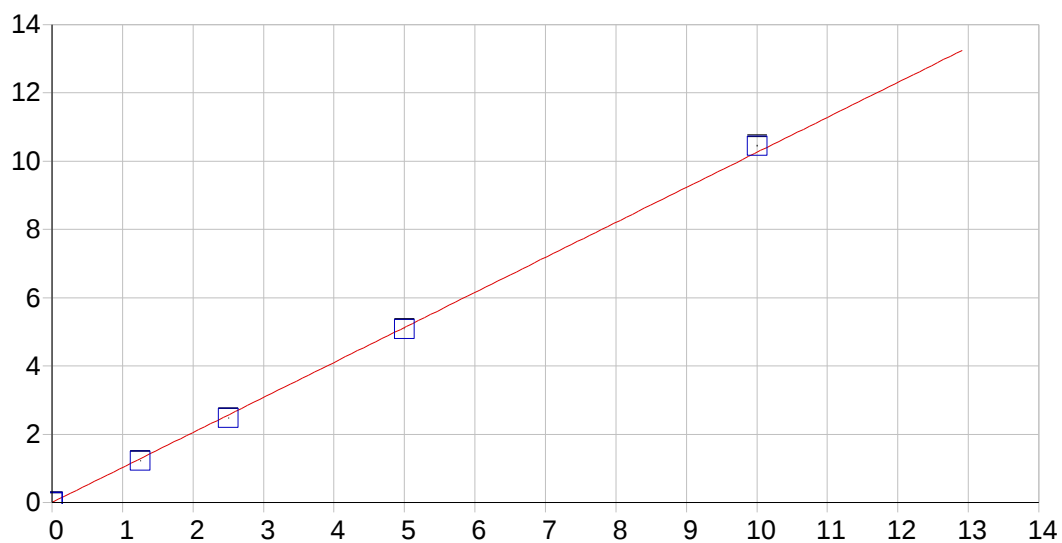


B 249.678 {135}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001421 Re-Slope: 1.000000
 A1 (Gain): 0.634451 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997332 Status: OK.
 Std Error of Est: 0.002290
 Predicted MDL: 0.001096
 Predicted MQL: 0.003653

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00147	.000	1
S1	.10000	.00976	-.090	-90.2	.00749	.001	1
S2	1.2500	1.3139	.064	5.11	.77749	.005	1
S3	2.5000	2.4987	-.001	-.053	1.4716	.005	1
S4	5.0000	5.0946	.095	1.89	3.0035	.034	1
S5	10.000	9.9399	-.060	-.601	5.8473	.026	1

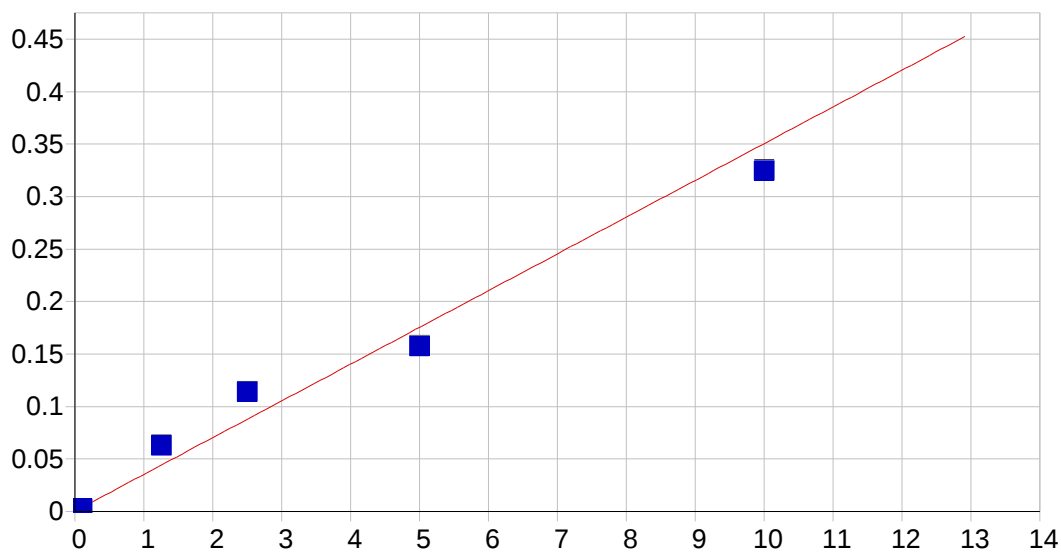


Mo 202.030 {467}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000774 Re-Slope: 1.000000
 A1 (Gain): 1.025735 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748 Status: OK.
 Std Error of Est: 0.000386
 Predicted MDL: 0.000246
 Predicted MQL: 0.000822

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.01000	.00914	-.001	-8.62	.01015	.000	1
S2	1.2500	1.1950	-.055	-4.40	1.2266	.002	1
S3	2.5000	2.4119	-.088	-3.52	2.4748	.001	1
S4	5.0000	4.9568	-.043	-.865	5.0851	.011	1
S5	10.000	10.187	.187	1.87	10.450	.026	1

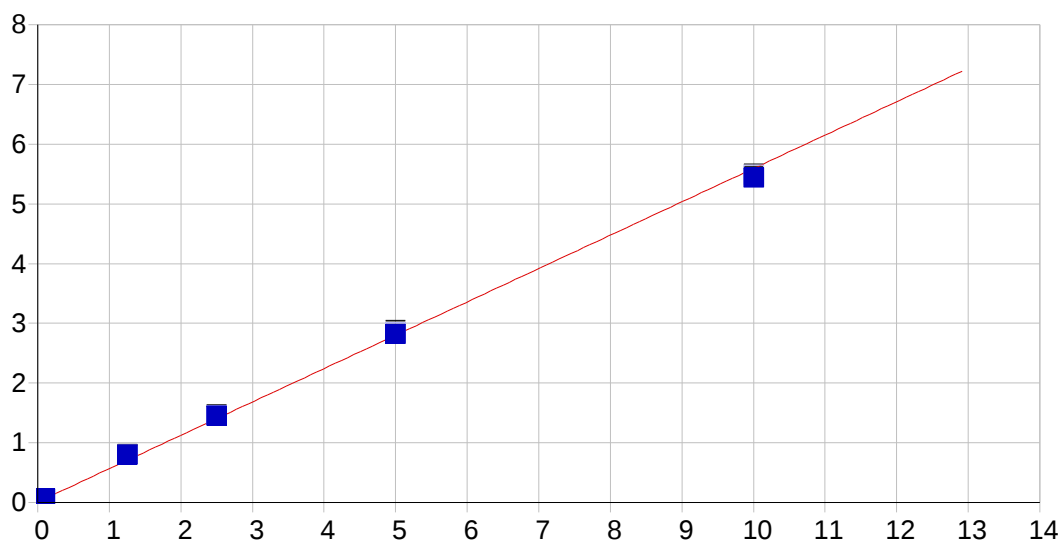


S 182.034 {485}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000314 Re-Slope: 1.000000
 A1 (Gain): 0.035011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.985401 Status: OK.
 Std Error of Est: 0.000322
 Predicted MDL: 0.003194
 Predicted MQL: 0.010647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00031	.000	1
S1	.10000	.07013	-.030	-29.9	.00277	.000	1
S2	1.2500	1.7844	.534	42.8	.06288	.000	1
S3	2.5000	3.2435	.744	29.7	.11406	.000	1
S4	5.0000	4.4907	-.509	-10.2	.15791	.000	1
S5	10.000	9.2612	-.739	-7.39	.32530	.000	1

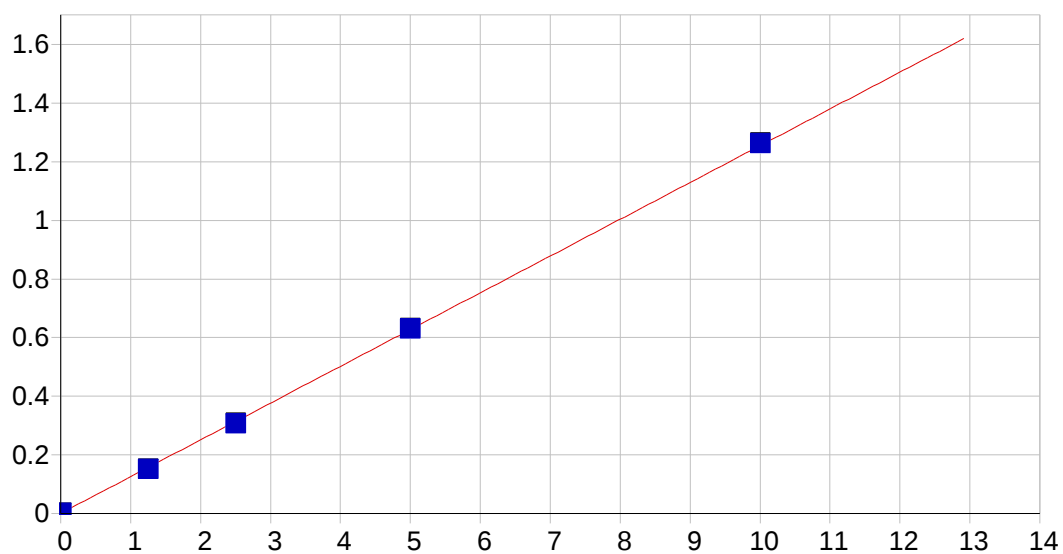


Si 251.611 {134}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008074 Re-Slope: 1.000000
 A1 (Gain): 0.558466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999175 Status: OK.
 Std Error of Est: 0.001217
 Predicted MDL: 0.001280
 Predicted MQL: 0.004266

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00806	.001	1
S1	.10000	.10200	.002	2.00	.06524	.000	1
S2	1.2500	1.4105	.160	12.8	.80196	.005	1
S3	2.5000	2.5814	.081	3.26	1.4621	.006	1
S4	5.0000	5.0402	.040	.803	2.8475	.035	1
S5	10.000	9.7159	-.284	-2.84	5.4835	.015	1

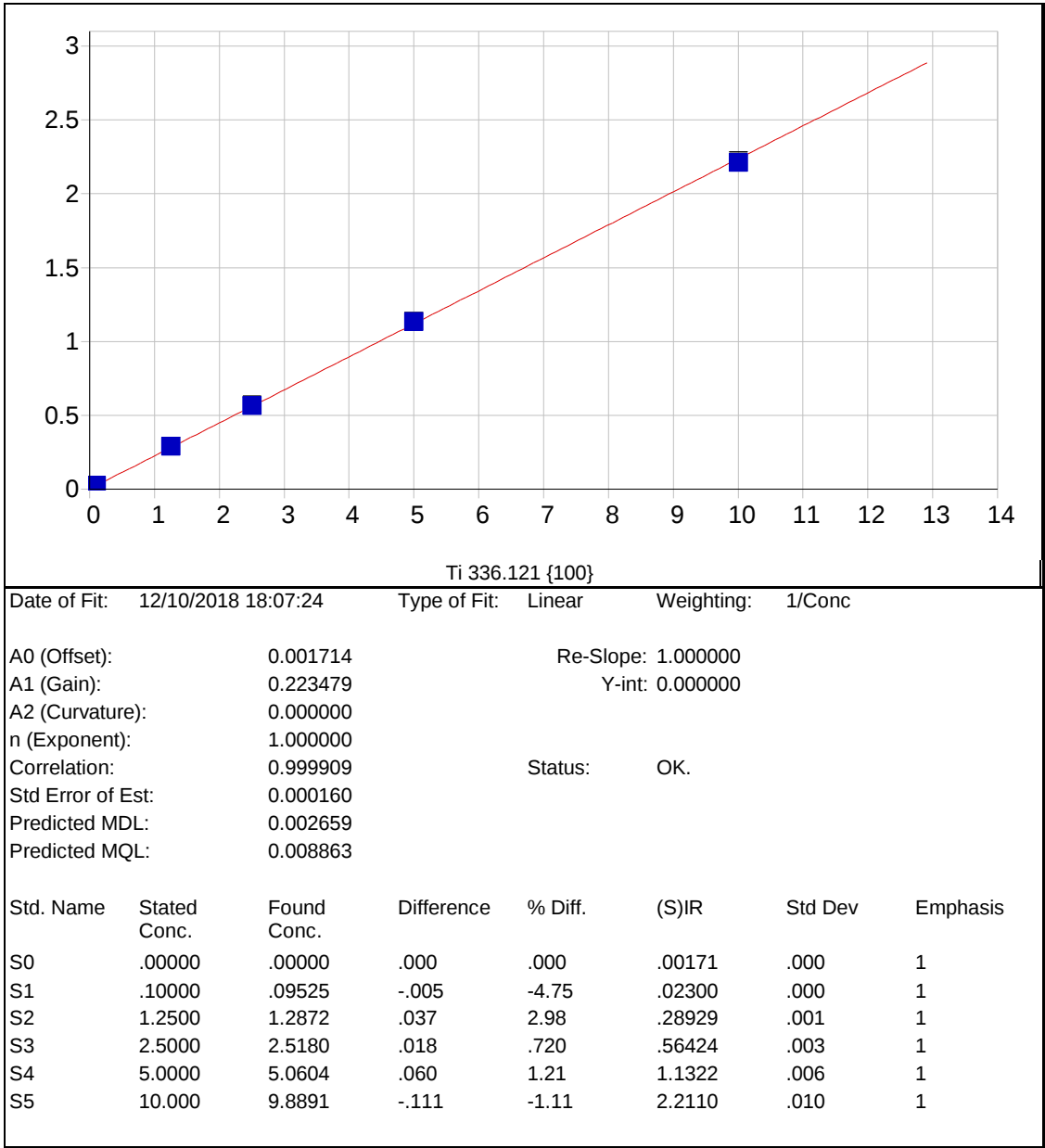


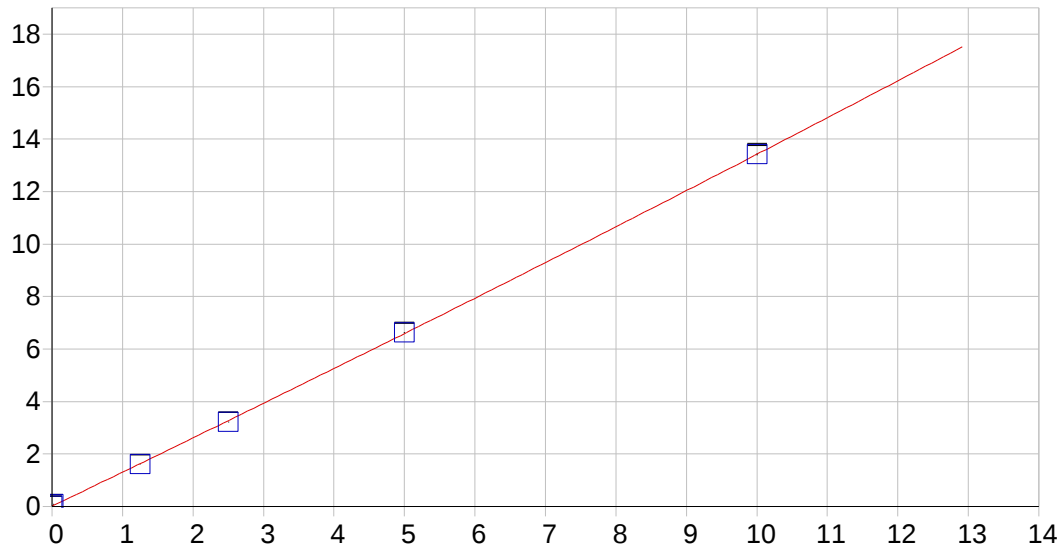
Sn 189.989 {478}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.125447 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.000893
 Predicted MQL: 0.002977

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.00700	.00614	-.001	-12.3	.00099	.000	1
S2	1.2500	1.2071	-.043	-3.43	.15135	.001	1
S3	2.5000	2.4481	-.052	-2.08	.30671	.001	1
S4	5.0000	5.0257	.026	.513	.62941	.002	1
S5	10.000	10.070	.070	.700	1.2609	.002	1





Li 670.784 { 50}

Date of Fit: 12/10/2018 18:07:24 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.012205	Re-Slope: 1.000000
A1 (Gain):	1.290754	Y-int: 0.000000
A2 (Curvature):	0.004992	
n (Exponent):	1.000000	
Correlation:	0.997859	Status: Warning Positive Curvature
Std Error of Est:	0.002061	
Predicted MDL:	0.002063	
Predicted MQL:	0.006876	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.01216	.002	1
S5	10.000	9.9982	-.002	-.018	13.416	.037	1
S4	5.0000	5.0278	.028	.556	6.6281	.017	1
S3	2.5000	2.4627	-.037	-1.49	3.2212	.006	1
S2	1.2500	1.2258	-.024	-1.93	1.6020	.008	1
S1	.01500	.05044	.035	236.	.07733	.002	1



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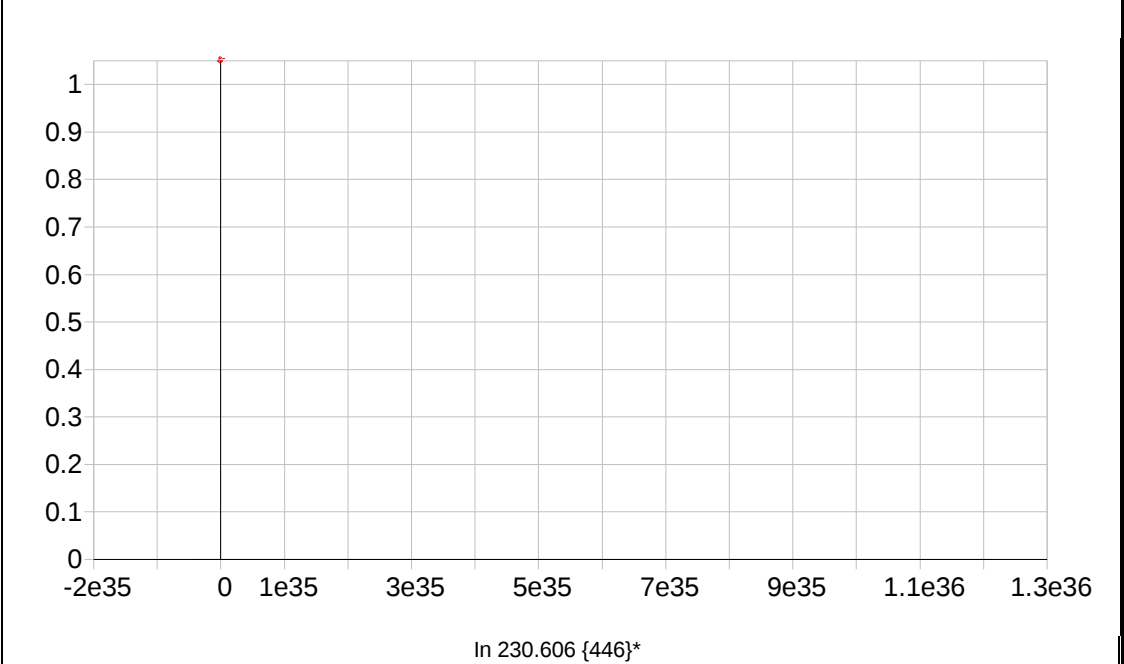




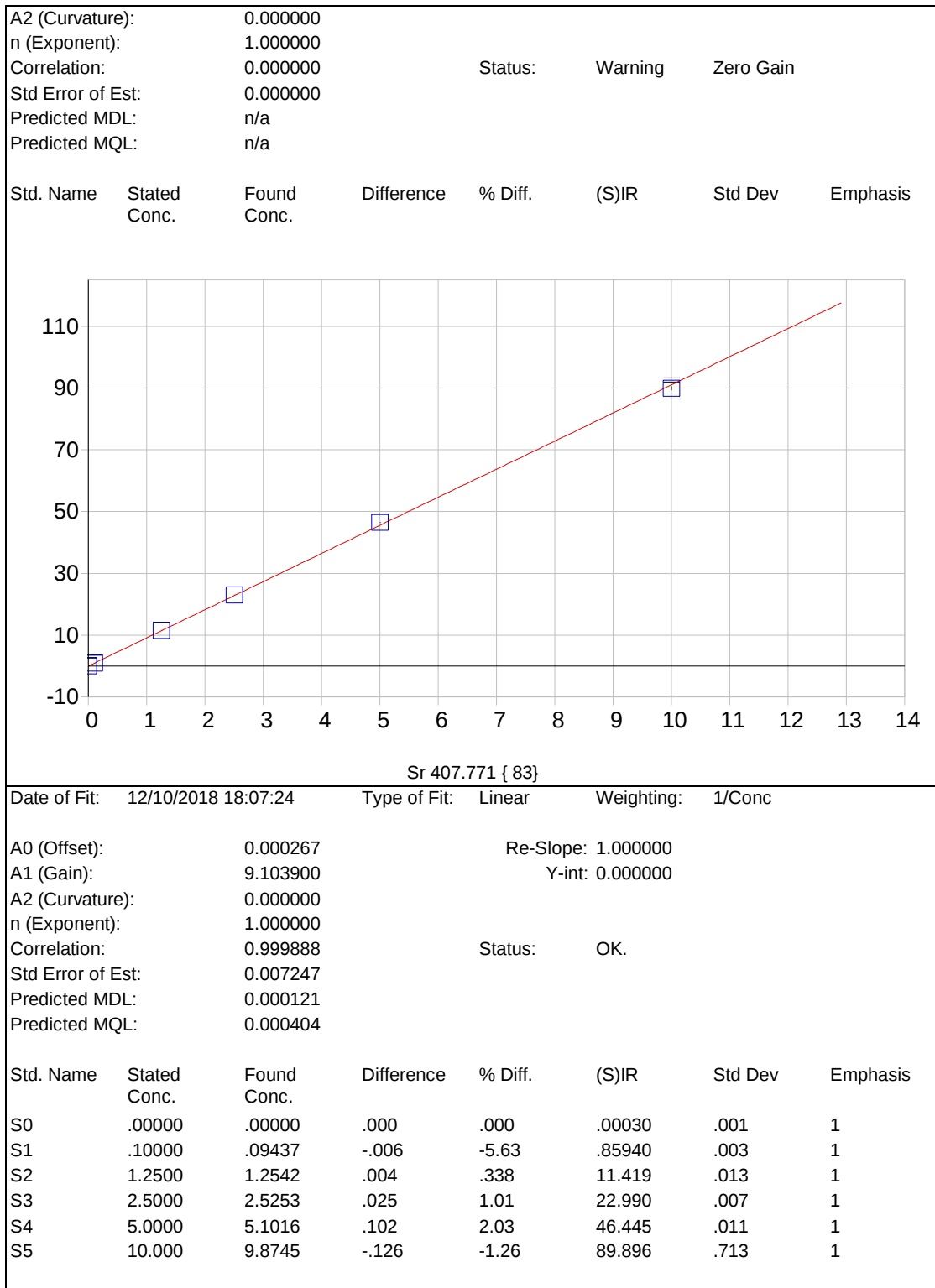


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 12/10/2018 13:51:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	-.00038	-.00056	-.00031	.00048	.00044	.00317	.02106	-.00336
Stddev	.00010	.00007	.00021	.00012	.00007	.00099	.00330	.00125
%RSD	27.118	13.203	66.284	25.639	14.845	31.188	15.664	37.257

#1	-.00027	-.00062	-.00020	.00039	.00050	.00395	.01725	-.00192
#2	-.00047	-.00058	-.00055	.00042	.00044	.00351	.02297	-.00423
#3	-.00041	-.00047	-.00019	.00062	.00037	.00206	.02297	-.00391

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	.00057	.00303	-.00001	.00022	.00161	.00023	-.00006	-.00005
Stddev	.00024	.00051	.00003	.00007	.00020	.00020	.00029	.00030
%RSD	41.403	16.702	249.25	33.899	12.241	86.889	510.21	612.41

#1	.00085	.00338	-.00003	.00015	.00155	.00037	.00027	-.00017
#2	.00045	.00326	.00002	.00020	.00146	.00033	-.00027	.00029
#3	.00042	.00245	-.00003	.00030	.00184	.00000	-.00016	-.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	-.00161	-.00096	-.00096	-.00012	-.00044	.02196	-.00110	.00147
Stddev	.00009	.00006	.00209	.00042	.00024	.00273	.00006	.00030
%RSD	5.4119	6.0707	218.73	360.28	54.319	12.430	5.3818	20.080

#1	-.00159	-.00092	-.00131	.00030	-.00020	.02106	-.00117	.00180
#2	-.00154	-.00102	.00129	-.00010	-.00067	.02503	-.00109	.00123
#3	-.00171	-.00093	-.00285	-.00055	-.00044	.01979	-.00105	.00139

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	.00078	.00031	.00806	.00025	.00171	.01216	.00030	
Stddev	.00010	.00007	.00077	.00009	.00024	.00165	.00077	
%RSD	13.128	21.610	9.4913	36.746	13.848	13.535	257.38	

#1	.00089	.00033	.00739	.00035	.00165	.01227	-.00049	
#2	.00071	.00037	.00890	.00018	.00198	.01046	.00105	
#3	.00073	.00024	.00791	.00022	.00151	.01375	.00033	

Sample Name: S0 Acquired: 12/10/2018 13:51:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	2356.8	2619.6	49801.	4286.1	4185.8
Stddev	15.2	4.3	56.	14.1	3.4
%RSD	.64370	.16532	.11167	.32812	.08150
#1	2366.1	2617.5	49850.	4302.3	4181.9
#2	2339.3	2624.6	49740.	4278.2	4188.4
#3	2364.9	2616.8	49813.	4277.7	4186.9

Sample Name: S1 Acquired: 12/10/2018 13:55:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.00018	.00124	.00106	.00385	.01220	.01935	.71607	.05314
Stddev	.00008	.00016	.00015	.00014	.00021	.00102	.00183	.00081
%RSD	44.356	13.132	14.444	3.6656	1.7521	5.2634	.25603	1.5191

#1	.00027	.00108	.00115	.00401	.01213	.01969	.71676	.05248
#2	.00017	.00141	.00088	.00381	.01245	.01821	.71745	.05404
#3	.00011	.00124	.00114	.00373	.01204	.02016	.71399	.05292

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	.01383	.15660	.00169	.03048	.00388	.00136	.00217	.02285
Stddev	.00005	.00165	.00002	.00006	.00016	.00035	.00008	.00010
%RSD	.38139	1.0532	1.0053	.20591	4.2474	25.473	3.7904	.44048

#1	.01377	.15637	.00168	.03050	.00407	.00126	.00212	.02292
#2	.01384	.15508	.00169	.03054	.00381	.00174	.00212	.02274
#3	.01388	.15836	.00171	.03041	.00376	.00107	.00226	.02290

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	.02228	.00107	.03683	.00290	.00095	.16379	-.00073	.00749
Stddev	.00012	.00007	.00196	.00029	.00035	.00203	.00005	.00090
%RSD	.51983	6.5665	5.3228	9.9609	36.360	1.2401	6.5908	12.058

#1	.02241	.00106	.03463	.00290	.00126	.16176	-.00078	.00736
#2	.02220	.00115	.03837	.00261	.00101	.16379	-.00068	.00665
#3	.02223	.00101	.03750	.00319	.00058	.16583	-.00073	.00844

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	.01015	.00277	.06524	.00099	.02300	.07733	.85940
Stddev	.00021	.00002	.00008	.00007	.00016	.00196	.00350
%RSD	2.0973	.56041	.12000	6.5494	.67567	2.5359	.40700

#1	.01033	.00276	.06533	.00096	.02317	.07657	.85593
#2	.00992	.00279	.06519	.00107	.02287	.07955	.86292
#3	.01019	.00276	.06519	.00096	.02295	.07585	.85937

Sample Name: S1 Acquired: 12/10/2018 13:55:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	2352.5	2610.5	49895.	4334.0	4202.0
Stddev	5.4	6.4	31.	33.8	6.3
%RSD	.22912	.24416	.06294	.78006	.14906
#1	2347.4	2603.3	49859.	4370.6	4194.8
#2	2358.1	2615.4	49906.	4327.5	4206.0
#3	2352.0	2612.7	49919.	4303.9	4205.2

Sample Name: S2 Acquired: 12/10/2018 13:59:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.05217	.09519	.99397	.11832	.25382	3.0766	9.0324	1.5412
Stddev	.00027	.00022	.00383	.00020	.00062	.0069	.0104	.0118
%RSD	.50823	.22735	.38527	.16766	.24617	.22456	.11497	.76677

#1	.05186	.09525	.99139	.11846	.25453	3.0695	9.0219	1.5329
#2	.05229	.09496	.99216	.11809	.25335	3.0833	9.0426	1.5360
#3	.05235	.09538	.99837	.11841	.25359	3.0770	9.0326	1.5547

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	1.7480	1.9871	.64397	.40508	.47298	.43607	.51845	.30553
Stddev	.0067	.0098	.00075	.00117	.00346	.00036	.00175	.00199
%RSD	.38571	.49262	.11573	.28837	.73171	.08142	.33839	.65026

#1	1.7428	1.9760	.64467	.40466	.46920	.43573	.51705	.30486
#2	1.7455	1.9946	.64319	.40418	.47377	.43644	.52042	.30777
#3	1.7556	1.9907	.64405	.40640	.47598	.43604	.51789	.30396

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	.38396	.06313	.30228	.03645	.07876	1.1690	.06763	.77749
Stddev	.00095	.00026	.00189	.00070	.00053	.0069	.00030	.00488
%RSD	.24765	.40680	.62399	1.9319	.67152	.58557	.43786	.62761

#1	.38364	.06286	.30022	.03581	.07922	1.1622	.06755	.77300
#2	.38321	.06337	.30393	.03720	.07887	1.1689	.06738	.77678
#3	.38503	.06317	.30267	.03635	.07818	1.1759	.06795	.78268

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	1.2266	.06288	.80196	.15135	.28929	1.6020	11.419	
Stddev	.0017	.00027	.00539	.00065	.00084	.0076	.013	
%RSD	.13742	.43106	.67209	.42908	.29102	.47577	.11681	

#1	1.2247	.06301	.79662	.15069	.28836	1.5935	11.429	
#2	1.2272	.06257	.80184	.15139	.28950	1.6042	11.423	
#3	1.2279	.06306	.80740	.15199	.29000	1.6082	11.404	

Sample Name: S2 Acquired: 12/10/2018 13:59:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	2298.6	2512.2	49663.	4241.5	3962.0
Stddev	7.4	4.1	375.	16.0	8.8
%RSD	.32380	.16237	.75461	.37718	.22154
#1	2298.7	2515.9	49470.	4258.5	3968.5
#2	2291.1	2507.8	49424.	4239.5	3965.4
#3	2306.0	2512.9	50095.	4226.7	3952.0

Sample Name: S3 Acquired: 12/10/2018 14:03:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.10567	.18961	2.0077	.23470	.51168	6.0704	18.517	2.8660
Stddev	.00040	.00069	.0030	.00063	.00178	.0199	.052	.0114
%RSD	.37656	.36595	.14749	.26647	.34739	.32833	.27848	.39849

#1	.10612	.19005	2.0087	.23539	.51226	6.0630	18.471	2.8619
#2	.10537	.18881	2.0044	.23417	.50968	6.0552	18.507	2.8789
#3	.10552	.18998	2.0101	.23453	.51309	6.0929	18.573	2.8572

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	3.5022	3.7677	1.2672	.82013	.92688	.85286	.99237	.60659
Stddev	.0048	.0171	.0017	.00145	.00337	.00410	.00679	.00433
%RSD	.13787	.45275	.13076	.17718	.36403	.48041	.68377	.71424

#1	3.5050	3.7807	1.2683	.82152	.92709	.85301	.99083	.60600
#2	3.4966	3.7484	1.2680	.81862	.92341	.84870	.98649	.60258
#3	3.5050	3.7740	1.2653	.82026	.93015	.85689	.99979	.61118

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	.77111	.12914	.58966	.07208	.16838	2.2924	.12187	1.4716
Stddev	.00055	.00050	.00295	.00057	.00188	.0066	.00034	.0046
%RSD	.07187	.38972	.49970	.79044	1.1147	.28700	.27537	.31366

#1	.77144	.12857	.59043	.07148	.16777	2.2861	.12223	1.4715
#2	.77142	.12932	.58641	.07214	.16688	2.2920	.12157	1.4763
#3	.77047	.12953	.59215	.07261	.17048	2.2992	.12180	1.4670

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	2.4748	.11406	1.4621	.30671	.56424	3.2212	22.990	
Stddev	.0012	.00033	.0061	.00132	.00257	.0059	.007	
%RSD	.04777	.29115	.41931	.43035	.45555	.18424	.02870	

#1	2.4738	.11435	1.4626	.30787	.56479	3.2153	22.992	
#2	2.4743	.11370	1.4680	.30527	.56144	3.2213	22.983	
#3	2.4761	.11412	1.4557	.30698	.56649	3.2272	22.996	

Sample Name: S3 Acquired: 12/10/2018 14:03:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	2195.1	2399.8	48463.	4466.2	3751.1
Stddev	5.6	5.3	386.	22.8	11.6
%RSD	.25583	.22234	.79660	.51081	.31018
#1	2188.6	2395.3	48018.	4454.6	3738.6
#2	2198.4	2405.7	48664.	4451.5	3761.6
#3	2198.3	2398.4	48707.	4492.5	3753.2

Sample Name: S4 Acquired: 12/10/2018 14:07:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.21943	.37853	4.1285	.47101	1.0526	12.391	37.681	5.7195
Stddev	.00047	.00154	.0133	.00080	.0018	.052	.034	.0589
%RSD	.21550	.40692	.32090	.16981	.17195	.41801	.08920	1.0290

#1	.21943	.37844	4.1275	.47165	1.0540	12.421	37.662	5.7838
#2	.21896	.37704	4.1158	.47011	1.0505	12.421	37.720	5.7065
#3	.21991	.38012	4.1422	.47126	1.0531	12.331	37.662	5.6682

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	7.0833	7.6104	2.5203	1.6746	1.8612	1.6878	1.9621	1.2345
Stddev	.0239	.0756	.0022	.0043	.0019	.0133	.0186	.0091
%RSD	.33815	.99399	.08943	.25575	.10471	.78620	.95001	.73283

#1	7.0793	7.6773	2.5178	1.6750	1.8610	1.6972	1.9760	1.2400
#2	7.0616	7.6257	2.5222	1.6701	1.8633	1.6935	1.9695	1.2395
#3	7.1090	7.5283	2.5208	1.6786	1.8594	1.6726	1.9409	1.2241

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	1.5672	.26624	1.1975	.14501	.34422	4.6933	.16442	3.0035
Stddev	.0048	.00098	.0073	.00047	.00101	.0139	.00046	.0340
%RSD	.30844	.36975	.61405	.32332	.29355	.29678	.27791	1.1305

#1	1.5669	.26519	1.2048	.14525	.34321	4.7061	.16477	3.0384
#2	1.5625	.26638	1.1977	.14531	.34523	4.6955	.16390	3.0014
#3	1.5721	.26714	1.1901	.14447	.34424	4.6785	.16458	2.9706

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	5.0851	.15791	2.8475	.62941	1.1322	6.6281	46.445	
Stddev	.0107	.00046	.0355	.00202	.0057	.0169	.011	
%RSD	.21033	.29076	1.2464	.32056	.50257	.25453	.02412	

#1	5.0867	.15824	2.8804	.63045	1.1364	6.6248	46.433	
#2	5.0737	.15738	2.8524	.62708	1.1345	6.6464	46.447	
#3	5.0949	.15810	2.8099	.63069	1.1257	6.6131	46.455	

Sample Name: S4 Acquired: 12/10/2018 14:07:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	2071.1	2208.2	46690.	4335.0	3432.3
Stddev	3.0	5.5	85.	42.2	13.3
%RSD	.14669	.24802	.18272	.97247	.38844
#1	2067.8	2206.1	46604.	4289.3	3429.3
#2	2071.7	2214.4	46691.	4343.5	3446.9
#3	2073.8	2204.1	46774.	4372.3	3420.7

Sample Name: S5 Acquired: 12/10/2018 14:11:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.45472	.73486	8.2771	.92916	2.1722	24.916	74.265	10.962
Stddev	.00190	.00072	.0169	.00218	.0047	.061	.523	.012
%RSD	.41806	.09834	.20375	.23507	.21614	.24593	.70379	.11175

#1	.45341	.73422	8.2628	.92890	2.1709	24.917	74.478	10.966
#2	.45385	.73471	8.2728	.92712	2.1683	24.977	74.648	10.948
#3	.45690	.73565	8.2957	.93146	2.1774	24.854	73.670	10.971

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	13.996	14.950	4.8449	3.3399	3.6690	3.2517	3.7805	2.4518
Stddev	.038	.072	.0060	.0091	.0117	.0123	.0199	.0118
%RSD	.26862	.48206	.12403	.27232	.31819	.37859	.52503	.48124

#1	13.961	14.981	4.8509	3.3334	3.6651	3.2573	3.7935	2.4552
#2	13.991	15.001	4.8451	3.3360	3.6821	3.2603	3.7904	2.4615
#3	14.036	14.867	4.8389	3.3503	3.6597	3.2376	3.7576	2.4387

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	3.1103	.54908	2.3752	.27931	.71122	9.4866	.33528	5.8473
Stddev	.0062	.00170	.0087	.00075	.01017	.0179	.00093	.0264
%RSD	.19995	.30904	.36544	.26904	1.4296	.18830	.27679	.45075

#1	3.1039	.54718	2.3764	.27935	.70732	9.5010	.33487	5.8570
#2	3.1107	.55044	2.3831	.28004	.72276	9.4921	.33463	5.8175
#3	3.1163	.54962	2.3659	.27853	.70357	9.4666	.33634	5.8674

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	10.450	.32530	5.4835	1.2609	2.2110	13.416	89.896	
Stddev	.026	.00039	.0149	.0019	.0102	.037	.713	
%RSD	.24481	.12126	.27121	.15244	.45945	.27415	.79318	

#1	10.432	.32516	5.4914	1.2596	2.2146	13.414	89.320	
#2	10.439	.32499	5.4664	1.2600	2.2188	13.454	90.694	
#3	10.479	.32574	5.4928	1.2631	2.1995	13.381	89.676	

Sample Name: S5 Acquired: 12/10/2018 14:11:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	1899.1	1997.6	45374.	4253.5	3137.5
Stddev	12.4	4.4	144.	6.6	4.9
%RSD	.65289	.22084	.31647	.15515	.15525
#1	1901.9	1999.8	45219.	4248.8	3142.5
#2	1885.5	2000.5	45402.	4261.0	3137.3
#3	1909.9	1992.5	45502.	4250.6	3132.8

Sample Name: S6 Acquired: 12/10/2018 14:15:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	67.253	24.426	8.7538	4.0267	6.6688
Stddev	.051	.109	.0451	.0210	.0110
%RSD	.07580	.44656	.51464	.52264	.16507

#1	67.220	24.336	8.7374	4.0116	6.6562
#2	67.227	24.394	8.7193	4.0178	6.6765
#3	67.312	24.547	8.8048	4.0507	6.6737

Int. Std.	Y_3710
Units	Cts/S
Avg	4236.0
Stddev	12.6
%RSD	.29797

#1	4237.5
#2	4222.7
#3	4247.8

Sample Name: ICV Acquired: 12/10/2018 14:31:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.9174232	1.021052	.9057022	.9830798	.9356346	2.298479
Stddev	.0013455	.004442	.0024503	.0024176	.0017043	.014170
%RSD	.1466653	.4350373	.2705433	.2459188	.1821489	.6164729

#1	.9164729	1.017873	.9032412	.9823898	.9375010	2.304014
#2	.9168338	1.019156	.9057236	.9810822	.9341612	2.309046
#3	.9189628	1.026127	.9081417	.9857673	.9352415	2.282378

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4800058	.4981645	.4813643	9.719443	.5144242	.4722743
Stddev	.0011518	.0042690	.0015105	.015918	.0013732	.0008982
%RSD	.2399643	.8569411	.3137859	.1637794	.2669366	.1901955

#1	.4799510	.5030014	.4810880	9.724241	.5151885	.4724107
#2	.4811840	.4965696	.4800110	9.701677	.5152451	.4713157
#3	.4788823	.4949227	.4829938	9.732411	.5128389	.4730966

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5024336	5.038640	.4987482	5.489159	.4891644	.4565437
Stddev	.0049464	.040464	.0008349	.074257	.0002002	.0015260
%RSD	.9844981	.8030718	.1673893	1.352792	.0409291	.3342473

#1	.5073078	5.043119	.4994623	5.455898	.4889379	.4550921
#2	.5025752	4.996123	.4989519	5.437347	.4893176	.4581345
#3	.4974179	5.076679	.4978303	5.574232	.4892378	.4564046

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.482542	.4728393	.9387327	9.145993	F -.000557	F .0061474
Stddev	.128556	.0040727	.0208374	.047983	.001129	.0008415
%RSD	1.355713	.8613319	2.219737	.5246355	202.6471	13.68852

#1	9.531410	.4763398	.9436440	9.143300	-.001752	.0067481
#2	9.336718	.4683694	.9158783	9.099414	-.000410	.0065085
#3	9.579499	.4738089	.9566757	9.195267	.000491	.0051857

Sample Name: ICV Acquired: 12/10/2018 14:31:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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 .0000288	F -.000645	F .0038316	F -.001361	F -.001072	F .0041183
Stddev	.0000826	.002431	.0007157	.000465	.001335	.0011813
%RSD	286.8361	377.1281	18.67946	34.20475	124.4462	28.68560

#1	.0000350	.001426	.0046395	-.001895	-.000460	.0027551
#2	-.000057	-.000038	.0032770	-.001144	-.002603	.0048448
#3	.000108	-.003322	.0035782	-.001043	-.000154	.0047548

Elem	Sr4077
Units	ppm
Avg	F .0111145
Stddev	.0000861
%RSD	.7743884

#1	.0112128
#2	.0110527
#3	.0110780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.156	2578.478	49571.03	4292.800	4142.576
Stddev	10.712	6.092	105.46	33.178	7.912
%RSD	.4610920	.2362750	.2127470	.7728742	.1910039

#1	2335.266	2571.445	49627.80	4259.100	4133.449
#2	2314.919	2582.098	49449.35	4293.870	4146.783
#3	2319.284	2581.892	49635.95	4325.430	4147.497

Sample Name: ICSA Acquired: 12/10/2018 14:42:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	-.000995	.0022142	.0010396	-.016953	.0057970	232.6187
Stddev	.004990	.0008857	.0017716	.002855	.0029858	1.0200
%RSD	501.6698	40.00096	170.4205	16.84108	51.50695	.4384885

#1	.004720	.0013088	.0004490	-.016267	.0081320	231.9145
#2	-.004488	.0022551	.0030311	-.020089	.0068262	232.1532
#3	-.003216	.0030787	-.000361	-.014504	.0024327	233.7884

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050729	.0008421	.0005992	240.5726	.0582254	.0017545
Stddev	.0007930	.0000643	.0001560	1.6274	.0004574	.0002895
%RSD	15.63225	7.630424	26.04079	.6764670	.7855059	16.49967

#1	.0050733	.0007767	.0004388	239.6036	.0582010	.0015539
#2	.0042797	.0009052	.0006084	239.6628	.0577807	.0016233
#3	.0058657	.0008445	.0007504	242.4515	.0586945	.0020864

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007119	98.22652	.0120211	241.1061	-.000161	-.009615
Stddev	.003202	.68109	.0023160	1.4439	.000228	.000294
%RSD	44.97642	.6933881	19.26572	.5988630	141.3948	3.056182

#1	-.004851	97.62943	.0096641	239.8587	-.000422	-.009277
#2	-.005724	98.08177	.0121057	240.7717	-.000002	-.009754
#3	-.010782	98.96835	.0142937	242.6878	-.000060	-.009813

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045980	.0003464	.0290628	-.078727	.0098172	F .0167785
Stddev	.365654	.0046011	.0120938	.077326	.0005315	.0046096
%RSD	795.2440	1328.373	41.61253	98.21979	5.414168	27.47338

#1	.145537	.0011162	.0387909	-.167989	.0092047	.0116732
#2	-.467613	.0045140	.0155222	-.035939	.0101576	.0180271
#3	.184136	-.004591	.0328754	-.032252	.0100893	.0206352

Sample Name: ICSA Acquired: 12/10/2018 14:42:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.0013170	.0023653	-.000532	-.002640	-.002205	.0148111
Stddev	.0004508	.0040116	.000823	.000112	.003374	.0023080
%RSD	34.22607	169.6072	154.7190	4.228872	153.0165	15.58294

#1	.0008945	.0017595	.000132	-.002638	.001098	.0129403
#2	.0012650	-.001309	-.001453	-.002753	-.005645	.0141028
#3	.0017916	.006645	-.000275	-.002530	-.002068	.0173903

Elem	Sr4077
Units	ppm
Avg	.0965641
Stddev	.0004268
%RSD	.4419649

#1	.0967655
#2	.0960739
#3	.0968530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.485	2419.907	48140.61	4219.713	3675.434
Stddev	17.045	3.777	132.88	22.209	3.380
%RSD	.7683163	.1560700	.2760327	.5263059	.0919751

#1	2233.832	2421.320	48288.49	4216.009	3677.333
#2	2221.483	2422.773	48031.21	4243.541	3677.438
#3	2200.140	2415.627	48102.14	4199.590	3671.531

Sample Name: ICSAB Acquired: 12/10/2018 14:46:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.0914336	.1114866	.0494003	.0301453	.5793056	232.3470
Stddev	.0064753	.0030878	.0012764	.0029454	.0023635	.6419
%RSD	7.081997	2.769687	2.583876	9.770660	.4079956	.2762742

#1	.0970106	.1118347	.0492937	.0314070	.5795700	233.0296
#2	.0843320	.1143856	.0481804	.0322497	.5815259	232.2561
#3	.0929582	.1082394	.0507266	.0267793	.5768210	231.7554

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4893057	.5066092	.9706403	241.1309	.5696547	.4848281
Stddev	.0014693	.0053904	.0016615	2.1077	.0016935	.0012111
%RSD	.3002763	1.064007	.1711812	.8741085	.2972844	.2498083

#1	.4904923	.5118210	.9719484	242.0397	.5704208	.4855660
#2	.4876623	.5069503	.9687707	242.6318	.5677135	.4834303
#3	.4897626	.5010564	.9712018	238.7212	.5708297	.4854879

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5018724	98.84111	.5146645	242.2313	.9728497	.1844947
Stddev	.0055332	.30780	.0078194	.9444	.0032779	.0005581
%RSD	1.102507	.3114112	1.519318	.3898583	.3369398	.3025283

#1	.4966092	99.00538	.5170841	242.3949	.9750089	.1839154
#2	.5076409	99.03192	.5209881	243.0831	.9690778	.1845396
#3	.5013671	98.48602	.5059213	241.2158	.9744623	.1850290

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.292166	.4726661	.8956424	-.100931	.0056881	F .0174752
Stddev	.347682	.0050289	.0866178	.067785	.0014879	.0008614
%RSD	119.0015	1.063948	9.671031	67.15941	26.15765	4.929083

#1	-.518700	.4682902	.9435082	-.041875	.0056253	.0173356
#2	.108145	.4781599	.9477641	-.085973	.0072064	.0166921
#3	-.465943	.4715483	.7956549	-.174946	.0042326	.0183978

Sample Name: ICSAB Acquired: 12/10/2018 14:46:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) 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	.0011409	.0048485	-.000514	-.002087	-.003993	.0108292
Stddev	.0003180	.0042263	.001657	.000303	.001672	.0012525
%RSD	27.86832	87.16546	322.2246	14.51884	41.86580	11.56599

#1	.0010583	.0004201	-.002411	-.001740	-.005038	.0121383
#2	.0014921	.0088384	.000211	-.002298	-.002065	.0107068
#3	.0008724	.0052872	.000657	-.002224	-.004877	.0096423

Elem	Sr4077
Units	ppm
Avg	.0962282
Stddev	.0004147
%RSD	.4309383

#1	.0963814
#2	.0957587
#3	.0965445

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.712	2416.576	47925.59	4228.490	3674.029
Stddev	13.443	2.908	109.03	52.746	8.696
%RSD	.6089334	.1203450	.2274926	1.247396	.2366905

#1	2215.170	2415.731	47799.70	4181.732	3664.764
#2	2192.193	2414.184	47989.67	4218.070	3675.309
#3	2215.773	2419.813	47987.39	4285.669	3682.014

Sample Name: CCV040 Acquired: 12/10/2018 14:50:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.849356	4.943678	24.78667	4.680339	4.887835	410.3672	9.944031
Stddev	.010437	.007476	.05760	.010991	.008778	2.1381	.030497
%RSD	.2152265	.1512249	.2323681	.2348355	.1795860	.5210160	.3066853

#1	4.848447	4.942801	24.76820	4.692815	4.895832	408.3691	9.926184
#2	4.839403	4.936680	24.74057	4.672085	4.878443	410.1106	9.926664
#3	4.860218	4.951555	24.85123	4.676116	4.889229	412.6221	9.979245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5306889	2.477780	414.9393	15.33169	2.530864	15.30888	409.1782
Stddev	.0014698	.006635	3.7955	.01399	.005491	.03389	3.1434
%RSD	.2769586	.2677839	.9147003	.0912196	.2169673	.2213450	.7682322

#1	.5321976	2.472040	410.9278	15.34292	2.528828	15.27387	405.6743
#2	.5292614	2.476256	415.4168	15.31602	2.526682	15.31125	410.1099
#3	.5306077	2.485044	418.4735	15.33612	2.537083	15.34152	411.7505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.27053	409.5862	2.514860	1.244923	401.4320	2.447170	14.44059
Stddev	.14999	3.9402	.002769	.005324	2.8687	.025743	.13467
%RSD	.9822234	.9619869	.1101231	.4276365	.7146145	1.051944	.9325621

#1	15.09823	405.1214	2.513075	1.240796	398.7703	2.418976	14.30008
#2	15.34151	411.0609	2.513455	1.250932	401.0552	2.453111	14.56854
#3	15.37186	412.5763	2.518050	1.243041	404.4704	2.469423	14.45314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.4412	4.564990	5.361956	4.818943	4.562170	5.325199	5.032928
Stddev	.7093	.020784	.014526	.008793	.016654	.013745	.007566
%RSD	.4534228	.4552958	.2709053	.1824666	.3650369	.2581075	.1503356

#1	155.8414	4.556015	5.369373	4.823771	4.558055	5.339808	5.031829
#2	156.2580	4.550201	5.345219	4.808794	4.547959	5.312523	5.025971
#3	157.2241	4.588753	5.371275	4.824265	4.580495	5.323267	5.040983

Sample Name: CCV040 Acquired: 12/10/2018 14:50:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV040 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.992140	5.101522	5.072017
Stddev	.035409	.022435	.010320
%RSD	.7093025	.4397645	.2034627

#1	4.961778	5.083972	5.081485
#2	4.983607	5.093795	5.061017
#3	5.031037	5.126799	5.073548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.039	2167.965	46409.07	4064.689	3262.034
Stddev	9.773	4.065	171.66	7.966	6.541
%RSD	.4809621	.1874979	.3698747	.1959864	.2005279

#1	2043.220	2166.099	46488.71	4058.846	3264.006
#2	2025.125	2172.628	46526.45	4073.764	3267.362
#3	2027.772	2165.169	46212.06	4061.458	3254.733

Sample Name: CCB040 Acquired: 12/10/2018 14:54:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0004882	.0021615	.0003905	.0008901	.0120788
Stddev	.002980	.0016904	.0012674	.0003209	.0016589	.0101878
%RSD	27506.51	346.2320	58.63714	82.16948	186.3726	84.34453

#1	.001006	.0024361	.0036144	.0001377	.0028026	.0031215
#2	-.003366	-.000593	.0015869	.0002824	.0000272	.0231618
#3	.002327	-.000378	.0012830	.0007515	-.000160	.0099533

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000714	-.000038	.0000005	-.019210	.0001915	.0000764
Stddev	.000333	.000065	.0001054	.019932	.0001159	.0001409
%RSD	46.69793	172.4186	21061.71	103.7595	60.48927	184.4010

#1	-.000862	-.000006	.0000021	-.041975	.0002065	-.000086
#2	-.000332	-.000112	.0001051	-.004895	.0000689	.000162
#3	-.000948	.000006	-.000106	-.010760	.0002992	.000153

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003970	.0107415	.0002343	.0133178	-.000173	.0001766
Stddev	.004281	.0249497	.0020069	.0485824	.000344	.0004298
%RSD	107.8307	232.2739	856.6328	364.7923	199.3171	243.3908

#1	-.001939	.0384912	-.000750	-.016576	-.000565	.0004441
#2	-.001083	.0035716	.002543	.069375	-.000036	.0004050
#3	-.008889	-.009838	-.001091	-.012845	.000082	-.000319

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.046460	.0006049	.0127896	.0417646	.0009106	F .0113923
Stddev	.198088	.0091052	.0169901	.0873738	.0020213	.0014823
%RSD	426.3599	1505.189	132.8425	209.2053	221.9704	13.01144

#1	-.078957	-.002860	.0153830	-.029139	.0025225	.0125324
#2	.165866	.010934	.0283339	.015058	-.001357	.0119280
#3	-.226290	-.006260	-.005348	.139375	.001567	.0097167

Sample Name: CCB040 Acquired: 12/10/2018 14:54:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002071	-.001207	.0006787	.0002803	.0000286	.0082172
Stddev	.0002294	.002306	.0006513	.0001738	.0017426	.0022452
%RSD	110.7710	191.1068	95.95446	61.98136	6088.071	27.32367
#1	.0003843	.000410	.0010520	.0001381	-.001898	.0065197
#2	.0002890	-.003848	-.000073	.0002289	.001495	.0073689
#3	-.000052	-.000183	.001058	.0004740	.000488	.0107630

Elem	Sr4077
Units	ppm
Avg	-.000130
Stddev	.000034
%RSD	26.28358
#1	-.000168
#2	-.000118
#3	-.000103

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2320.002	2576.094	49410.15	4292.847	4114.874
Stddev	13.189	5.111	271.12	18.819	4.707
%RSD	.5685060	.1983855	.5487192	.4383899	.1143933
#1	2307.013	2570.372	49208.10	4312.140	4111.886
#2	2319.611	2577.705	49304.07	4274.540	4112.436
#3	2333.383	2580.205	49718.27	4291.860	4120.300

Sample Name: PB115415BL Acquired: 12/10/2018 14:58:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001365	-.000778	.0009997	.0018810	-.000498	.0025480	-.000824
Stddev	.001334	.001506	.0014514	.0007123	.001746	.0090286	.001041
%RSD	97.72261	193.7189	145.1827	37.86878	350.9552	354.3469	126.3107

#1	-.001106	.000952	.0007920	.0026638	-.002505	.0071590	-.000486
#2	-.000179	-.001483	-.000337	.0017086	.000666	-.007855	-.001991
#3	-.002808	-.001801	.002544	.0012708	.000347	.008340	.000006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	-.000093	-.004154	.0000389	.0001104	-.002903	-.002787
Stddev	.000063	.000014	.016970	.0004038	.0001912	.003998	.003763
%RSD	111.9694	15.21761	408.5511	1036.781	173.2445	137.7018	135.0492

#1	-.000029	-.000104	-.010629	-.000360	.0002369	-.006915	-.004542
#2	-.000011	-.000077	-.016933	.000029	.0002037	.001080	-.005352
#3	-.000127	-.000097	.015101	.000448	-.000110	-.002874	.001534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007508	-.004625	-.000083	.0002895	-.222195	-.001269	.0069920
Stddev	.0015100	.053922	.000270	.0002256	.111806	.003884	.0084906
%RSD	201.1283	1165.882	325.1699	77.94004	50.31901	306.0907	121.4333

#1	.0013681	.002973	-.000007	.0005236	-.194922	-.004568	.0144470
#2	-.000970	.045096	.000141	.0000735	-.126548	.003011	-.002250
#3	.001854	-.061943	-.000382	.0002712	-.345114	-.002250	.008779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238096	-.001962	.0033221	-.000102	.0004429	.0000389	.0003330
Stddev	.0644604	.000891	.0001635	.000149	.0016091	.0021321	.0005182
%RSD	270.7324	45.39121	4.922243	146.5240	363.3250	5485.369	155.6090

#1	-.007653	-.002933	.0034717	-.000264	-.000752	-.002252	.0009307
#2	.097959	-.001183	.0033471	.000030	.002273	.000404	.0000593
#3	-.018878	-.001769	.0031476	-.000072	-.000193	.001965	.0000090

Sample Name: PB115415BL Acquired: 12/10/2018 14:58:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001523	.0032908	-.000002
Stddev	.002519	.0011881	.000004
%RSD	165.3997	36.10486	213.1087

#1	.001307	.0021410	-.000001
#2	-.003519	.0032174	.000002
#3	-.002357	.0045138	-.000005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.533	2561.543	49020.89	4242.540	4099.007
Stddev	17.313	5.783	147.51	23.342	13.772
%RSD	.7519288	.2257547	.3009072	.5501970	.3359750

#1	2290.378	2562.415	48852.28	4235.470	4106.133
#2	2322.357	2566.841	49126.07	4223.550	4107.756
#3	2294.865	2555.374	49084.32	4268.600	4083.132

Sample Name: PB115415BS Acquired: 12/10/2018 15:02:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182446	.0520799	.0193103	.0740750	.1224866	.4259722	.4011539
Stddev	.0018871	.0014767	.0006837	.0031271	.0011533	.0054346	.0008714
%RSD	10.34310	2.835434	3.540561	4.221530	.9415972	1.275813	.2172240

#1	.0196565	.0512414	.0200588	.0722434	.1237273	.4322463	.4003213
#2	.0161014	.0512134	.0187187	.0722958	.1214471	.4227274	.4020595
#3	.0189760	.0537850	.0191534	.0776857	.1222853	.4229428	.4010809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107787	.0100567	10.42532	.0228334	.0965668	.0537156	.2289193
Stddev	.0001227	.0001098	.03129	.0004486	.0002258	.0052145	.0339428
%RSD	1.138260	1.091471	.3001463	1.964476	.2338715	9.707600	14.82739

#1	.0108861	.0101370	10.45975	.0233330	.0967176	.0549408	.2021454
#2	.0108049	.0101015	10.41761	.0227019	.0963071	.0582085	.2175175
#3	.0106450	.0099316	10.39860	.0224653	.0966756	.0479977	.2670950

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329677	10.02624	.0813236	.0201176	9.842319	.1020094	.1342333
Stddev	.0019407	.07022	.0001398	.0000587	.069197	.0072473	.0114584
%RSD	5.886756	.7003130	.1719387	.2919999	.7030595	7.104533	8.536149

#1	.0324129	10.02415	.0813696	.0201536	9.909258	.1075981	.1236130
#2	.0313648	9.95710	.0811666	.0200498	9.846633	.0938208	.1327096
#3	.0351254	10.09749	.0814347	.0201493	9.771065	.1046093	.1463772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.780170	.0164878	.0242547	.0192344	.1535179	.2197869	.0127091
Stddev	.008030	.0010710	.0008969	.0001661	.0015330	.0036672	.0005579
%RSD	.0821019	6.495867	3.697827	.8634269	.9985872	1.668522	4.390101

#1	9.773606	.0161569	.0236327	.0192548	.1542296	.2233869	.0120661
#2	9.777782	.0176853	.0252828	.0193893	.1517584	.2199177	.0130658
#3	9.789123	.0156214	.0238485	.0190590	.1545657	.2160560	.0129952

Sample Name: PB115415BS Acquired: 12/10/2018 15:02:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2084117	.0980079	.2031676
Stddev	.0021650	.0006354	.0004600
%RSD	1.038826	.6483675	.2264201

#1	.2095095	.0983266	.2035306
#2	.2059176	.0972762	.2026502
#3	.2098079	.0984209	.2033219

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.824	2572.746	49474.81	4298.020	4140.639
Stddev	6.136	4.610	120.21	37.024	3.091
%RSD	.2652012	.1791806	.2429688	.8614167	.0746446

#1	2308.926	2575.770	49337.76	4264.740	4138.536
#2	2320.708	2575.029	49562.41	4291.420	4144.187
#3	2311.840	2567.441	49524.25	4337.900	4139.194

Sample Name: PB115405BL Acquired: 12/10/2018 15:07:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000403	.0001292	.0003884	.0011621	.0007347	.0062621	-.000336
Stddev	.002710	.0006722	.0008635	.0027491	.0014900	.0077880	.000806
%RSD	673.0053	520.4046	222.3125	236.5715	202.8095	124.3667	239.5725

#1	.002518	.0006999	.0008547	.0043329	.0024552	.0078917	-.001227
#2	-.000890	-.000612	.0009186	-.000294	-.000111	.0131064	-.000124
#3	-.002835	.000299	-.000608	-.000553	-.000140	-.002212	.000342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000084	-.040622	.0002551	.0001045	-.004732	.0227033
Stddev	.000065	.000031	.009935	.0004937	.0001549	.005606	.0057126
%RSD	307.4564	36.31079	24.45836	193.5059	148.3299	118.4643	25.16214

#1	-.000014	-.000088	-.031451	-.000096	.0000300	.001444	.0188236
#2	-.000089	-.000052	-.051176	.000041	.0000008	-.006142	.0200231
#3	.000040	-.000113	-.039238	.000820	.0002826	-.009498	.0292633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000809	-.011586	-.000324	-.000042	-.177761	.0042898	.0265272
Stddev	.001262	.018692	.000293	.000326	.278856	.0038704	.0212622
%RSD	156.0902	161.3375	90.57787	782.7192	156.8709	90.22322	80.15220

#1	-.001871	.008840	-.000397	-.000414	-.259856	.0063691	.0356836
#2	-.001141	-.027840	-.000001	.000094	-.406355	.0066763	.0416771
#3	.000587	-.015757	-.000573	.000194	.132926	-.000176	.0022209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678664	-.000055	.0010835	-.000089	-.003454	.0009842	-.000765
Stddev	.0736725	.001889	.0004534	.000313	.002637	.0013306	.000715
%RSD	108.5553	3412.780	41.84691	353.3689	76.34460	135.2035	93.49132

#1	.1375752	-.001157	.0008397	.000226	-.002422	-.000480	-.001570
#2	.0752394	.002126	.0008041	-.000091	-.001489	.002121	-.000203
#3	-.009215	-.001135	.0016066	-.000401	-.006450	.001311	-.000522

Sample Name: PB115405BL Acquired: 12/10/2018 15:07:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003269	.0017957	-.000000
Stddev	.0013366	.0001558	.000056
%RSD	408.8776	8.678107	212136.8

#1	.0007795	.0016507	.000052
#2	-.001177	.0017758	-.000059
#3	.001378	.0019605	.000007

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.764	2578.885	49188.65	4255.073	4122.107
Stddev	17.546	1.658	106.77	29.816	5.758
%RSD	.7586392	.0643105	.2170610	.7007111	.1396783

#1	2300.655	2578.073	49073.85	4243.860	4123.732
#2	2332.885	2580.792	49284.97	4232.490	4126.878
#3	2304.751	2577.788	49207.15	4288.870	4115.712

Sample Name: PB115405BS Acquired: 12/10/2018 15:11:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225913	.0524807	.0187089	.0745983	.1257970	.4100142	.4032318
Stddev	.0033226	.0009022	.0012028	.0024425	.0015158	.0030062	.0014882
%RSD	14.70759	1.719191	6.429268	3.274151	1.204956	.7331972	.3690697

#1	.0194156	.0514402	.0181131	.0763171	.1273733	.4134232	.4023890
#2	.0223147	.0530465	.0179202	.0718024	.1256679	.4088769	.4023562
#3	.0260436	.0529554	.0200933	.0756754	.1243499	.4077426	.4049501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109131	.0102395	10.61292	.0232313	.0981638	.0504309	.2258632
Stddev	.0001400	.0000767	.02999	.0003765	.0001278	.0010799	.0142174
%RSD	1.283076	.7491095	.2825349	1.620617	.1302327	2.141335	6.294680

#1	.0108605	.0101628	10.58867	.0236621	.0981303	.0500740	.2352617
#2	.0110718	.0103162	10.60365	.0229655	.0980560	.0495746	.2095070
#3	.0108071	.0102394	10.64645	.0230662	.0983050	.0516441	.2328210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350203	10.08976	.0832096	.0200029	10.01229	.1077199	.1454712
Stddev	.0016157	.09649	.0002648	.0005174	.07309	.0102334	.0069882
%RSD	4.613725	.9563020	.3182369	2.586418	.7299904	9.500044	4.803841

#1	.0355734	10.20029	.0829485	.0195424	9.92827	.1123383	.1375020
#2	.0332006	10.04660	.0834779	.0199038	10.04738	.1148302	.1505534
#3	.0362868	10.02238	.0832023	.0205627	10.06121	.0959913	.1483581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.901238	.0186573	.0221473	.0197373	.1575979	.2227080	.0120994
Stddev	.090021	.0027354	.0004894	.0004436	.0030089	.0009361	.0007366
%RSD	.9091894	14.66130	2.209855	2.247449	1.909236	.4203436	6.088065

#1	9.815535	.0186539	.0215842	.0201295	.1607053	.2236917	.0113314
#2	9.995031	.0159237	.0224704	.0192559	.1546982	.2226043	.0128000
#3	9.893150	.0213945	.0223873	.0198266	.1573902	.2218281	.0121669

Sample Name: PB115405BS Acquired: 12/10/2018 15:11:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2100317	.0975398	.2038550
Stddev	.0031222	.0016098	.0008387
%RSD	1.486550	1.650416	.4113940

#1	.2067447	.0965779	.2044574
#2	.2129577	.0993983	.2042105
#3	.2103928	.0966432	.2028972

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.824	2526.812	48660.04	4203.270	4068.470
Stddev	10.206	1.350	214.10	12.011	.994
%RSD	.4468776	.0534121	.4399951	.2857424	.0244256

#1	2295.382	2525.300	48906.71	4211.080	4069.609
#2	2276.053	2527.241	48522.39	4189.440	4067.785
#3	2280.036	2527.895	48551.03	4209.290	4068.015

Sample Name: J6138-01 Acquired: 12/10/2018 15:28:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0793440	.0718188	.0586098	.1005362	.1134240	98.47036	.8180835
Stddev	.0027031	.0018360	.0013621	.0036068	.0028520	.63832	.0056232
%RSD	3.406787	2.556426	2.323965	3.587536	2.514432	.6482377	.6873603

#1	.0777584	.0701481	.0592212	.1013327	.1101461	98.11235	.8159776
#2	.0824652	.0715239	.0595590	.0965978	.1147886	98.09139	.8138173
#3	.0778086	.0737844	.0570492	.1036782	.1153372	99.20733	.8244557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327571	.0306588	5.346660	.0701596	.7620333	.0766746	2.912836
Stddev	.0001438	.0000272	.006253	.0005390	.0002442	.0058731	.031784
%RSD	.4391031	.0886790	.1169443	.7681975	.0320403	7.659749	1.091157

#1	.0325986	.0306434	5.343333	.0705449	.7617796	.0726647	2.920977
#2	.0328792	.0306429	5.342775	.0703902	.7622667	.0739433	2.877774
#3	.0327936	.0306902	5.353873	.0695437	.7620536	.0834160	2.939758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009374	101.2701	.0830003	.0400321	8.350900	.4072730	.8805744
Stddev	.0014549	.6923	.0005559	.0004326	.134293	.0047293	.0149227
%RSD	1.441362	.6836329	.6697435	1.080588	1.608122	1.161217	1.694655

#1	.1004917	101.1302	.0826455	.0401173	8.200943	.4022247	.8977447
#2	.1025630	100.6584	.0827145	.0395633	8.460073	.4079936	.8732425
#3	.0997575	102.0217	.0836410	.0404158	8.391684	.4116006	.8707359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.173227	.0044628	.0008452	.0001882	-.000003	.0034868	-.000524
Stddev	.018734	.0016740	.0006830	.0001610	.003446	.0003549	.000269
%RSD	.2292137	37.51037	80.80659	85.55097	102708.4	10.17988	51.38909

#1	8.169831	.0025302	.0007744	.0000378	-.002052	.0032811	-.000303
#2	8.156423	.0053958	.0002004	.0001687	.003975	.0038966	-.000824
#3	8.193426	.0054624	.0015608	.0003580	-.001933	.0032826	-.000446

Sample Name: J6138-01 Acquired: 12/10/2018 15:28:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F12 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000309	.0000812	.0016355
Stddev	.002233	.0009183	.0000515
%RSD	723.4142	1131.102	3.150543

#1	-.001337	-.000931	.0015782
#2	.002254	.000315	.0016501
#3	-.001843	.000860	.0016781

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.913	2532.995	49360.82	4307.778	3979.450
Stddev	8.546	1.118	132.10	12.044	2.244
%RSD	.3710974	.0441450	.2676128	.2795971	.0563982

#1	2294.324	2533.671	49236.45	4321.596	3976.906
#2	2311.416	2533.609	49499.48	4299.500	3980.291
#3	2302.999	2531.704	49346.53	4302.238	3981.152

Sample Name: J6138-03 Acquired: 12/10/2018 16:03:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F12S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1179057	.1273309	.0771810	.1536541	.2162087	99.61071	2.871435
Stddev	.0041184	.0003567	.0014150	.0026325	.0005157	.41149	.011621
%RSD	3.492929	.2801018	1.833354	1.713248	.2385096	.4130942	.4047245

#1	.1226406	.1277019	.0764343	.1542287	.2158126	99.20511	2.861831
#2	.1151559	.1269905	.0788130	.1507817	.2167918	100.0278	2.884354
#3	.1159205	.1273002	.0762958	.1559518	.2160216	99.5992	2.868121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0840773	.0808832	5.258314	.2889145	1.255645	.3444537	3.894744
Stddev	.0011392	.0002662	.045888	.0005795	.004780	.0003075	.069852
%RSD	1.354964	.3291471	.8726771	.2005750	.3806457	.0892609	1.793486

#1	.0829019	.0811904	5.205618	.2895833	1.250912	.3447746	3.848912
#2	.0841533	.0807216	5.279864	.2885980	1.255554	.3444249	3.975139
#3	.0851765	.0807375	5.289461	.2885622	1.260470	.3441616	3.860181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6372737	99.10903	.5991720	.0871611	8.255962	.9129787	1.394028
Stddev	.0029804	.31758	.0011449	.0003149	.095999	.0129637	.018059
%RSD	.4676882	.3204344	.1910777	.3613124	1.162781	1.419937	1.295448

#1	.6381101	98.83470	.5982727	.0873818	8.167362	.9051264	1.393781
#2	.6397466	99.45694	.5987825	.0873011	8.242572	.9058680	1.412210
#3	.6339644	99.03545	.6004608	.0868005	8.357953	.9279418	1.376095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.063922	.0014101	-.000011	.0001755	.0016884	.0036484	-.001004
Stddev	.084330	.0011370	.000464	.0005139	.0022027	.0007456	.001035
%RSD	1.045775	80.63713	4227.208	292.7723	130.4579	20.43495	103.0774

#1	7.966983	.0001789	-.000544	.0005924	.0029741	.0028961	-.002141
#2	8.104414	.0024206	.000299	.0003328	.0029462	.0036621	-.000756
#3	8.120371	.0016308	.000212	-.000399	-.000855	.0043871	-.000116

Sample Name: J6138-03 Acquired: 12/10/2018 16:03:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F12S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001290	.0020454	.0017327
Stddev	.001198	.0015456	.0000566
%RSD	92.87840	75.56166	3.266684

#1	-.000988	.0015853	.0016743
#2	-.000272	.0007822	.0017365
#3	-.002611	.0037688	.0017874

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.864	2490.447	48475.12	4302.907	3914.085
Stddev	22.395	2.806	122.43	36.321	3.974
%RSD	.9940711	.1126655	.2525651	.8440935	.1015370

#1	2232.840	2490.105	48336.42	4343.931	3918.217
#2	2248.705	2493.409	48520.77	4289.938	3913.746
#3	2277.047	2487.828	48568.17	4274.850	3910.291

Sample Name: J6138-01LX5 Acquired: 12/10/2018 16:07:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2F12L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152250	.0159782	.0113224	.0191159	.0240581	20.11564	.1665878
Stddev	.0012644	.0006411	.0015102	.0037262	.0007762	.11528	.0008600
%RSD	8.304643	4.012446	13.33816	19.49246	3.226197	.5730919	.5162384

#1	.0164105	.0153488	.0098089	.0191449	.0247655	20.19743	.1664206
#2	.0153703	.0159554	.0128293	.0153753	.0241809	19.98379	.1658237
#3	.0138943	.0166304	.0113289	.0228274	.0232279	20.16569	.1675191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065413	.0061589	1.079060	.0143008	.1539741	.0131284	.5853804
Stddev	.0001036	.0000068	.001918	.0001229	.0005431	.0025913	.0216507
%RSD	1.583961	.1099849	.1777101	.8595510	.3527094	19.73791	3.698571

#1	.0066575	.0061654	1.076895	.0141851	.1541943	.0146776	.5787574
#2	.0064586	.0061519	1.079743	.0144299	.1533555	.0145708	.6095690
#3	.0065077	.0061595	1.080543	.0142874	.1543725	.0101369	.5678148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203810	20.27686	.0171721	.0084136	1.456061	.0847751	.1883545
Stddev	.0014080	.19492	.0003067	.0000785	.340721	.0025854	.0185378
%RSD	6.908350	.9612776	1.786132	.9324953	23.40019	3.049737	9.841984

#1	.0207624	20.40379	.0171737	.0085029	1.722066	.0863653	.1671019
#2	.0188216	20.05243	.0174780	.0083821	1.574102	.0861680	.1967679
#3	.0215590	20.37436	.0168646	.0083558	1.072017	.0817918	.2011937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.748059	.0019392	-.001684	-.000006	-.004428	.0012681	-.000503
Stddev	.059039	.0011150	.000334	.000059	.002221	.0015993	.000549
%RSD	3.377430	57.49851	19.81063	1006.535	50.17190	126.1159	109.1203

#1	1.803780	.0029680	-.002067	-.000013	-.001944	.0029267	-.001126
#2	1.686183	.0020951	-.001529	.000056	-.005114	-.000264	-.000294
#3	1.754215	.0007544	-.001457	-.000061	-.006225	.001142	-.000090

Sample Name: J6138-01LX5 Acquired: 12/10/2018 16:07:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2F12L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001968	-.000157	.0003490
Stddev	.003410	.000141	.0000576
%RSD	173.2451	90.06442	16.51458

#1	-.005883	-.000225	.0004155
#2	.000348	.000006	.0003177
#3	-.000369	-.000252	.0003137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.494	2569.881	49614.33	4358.553	4097.693
Stddev	7.304	3.408	88.13	45.483	6.549
%RSD	.3164123	.1326017	.1776266	1.043532	.1598204

#1	2300.928	2570.455	49512.62	4306.370	4093.640
#2	2309.051	2572.965	49668.04	4389.780	4105.248
#3	2315.505	2566.223	49662.33	4379.510	4094.190

Sample Name: J6138-14 Acquired: 12/10/2018 16:24:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F16D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947513	.0045401	.0986752	.1934048	.0879131	34.94176	2.775132
Stddev	.0027834	.0017779	.0012631	.0031160	.0016176	.09288	.000755
%RSD	2.937607	39.15977	1.280089	1.611129	1.840019	.2658256	.0272009

#1	.0949041	.0045377	.0978097	.1957376	.0892936	34.88780	2.775944
#2	.0918946	.0027634	.0980912	.1946108	.0883124	34.88846	2.775000
#3	.0974551	.0063193	.1001246	.1898661	.0861332	35.04901	2.774452

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006785	.0009659	77.78824	.1523426	.4540494	.1568131	28.48081
Stddev	.0000063	.0000528	.46614	.0006664	.0003160	.0035977	.16595
%RSD	.9246590	5.467405	.5992401	.4374131	.0696056	2.294281	.5826696

#1	.0006832	.0009226	77.65327	.1524773	.4543332	.1589245	28.29610
#2	.0006714	.0009503	77.40448	.1529313	.4541062	.1588558	28.61734
#3	.0006809	.0010247	78.30697	.1516191	.4537088	.1526590	28.52899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2709363	2.841749	.0101198	.1231681	68.57057	.7258196	.3895010
Stddev	.0008520	.063681	.0001465	.0008394	.54735	.0052602	.0090543
%RSD	.3144509	2.240909	1.447686	.6815000	.7982329	.7247249	2.324599

#1	.2708783	2.899619	.0099888	.1224094	68.56639	.7268541	.3900675
#2	.2718158	2.773526	.0102780	.1240698	68.02532	.7304857	.3982587
#3	.2701148	2.852103	.0100926	.1230251	69.12000	.7201190	.3801766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	92.14286	.1052486	.0074025	.0031173	.6981869	3.961457	.0017906
Stddev	.40369	.0007290	.0005630	.0002272	.0074998	.027984	.0006730
%RSD	.4381103	.6926016	7.606079	7.289305	1.074187	.7064012	37.58808

#1	92.06450	.1056253	.0068037	.0030229	.7066764	3.983292	.0020902
#2	91.78409	.1044084	.0079212	.0033765	.6954231	3.929912	.0010197
#3	92.57998	.1057122	.0074827	.0029525	.6924612	3.971169	.0022618

Sample Name: J6138-14 Acquired: 12/10/2018 16:24:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F16D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5493859	.0055848	.0295389
Stddev	.0023326	.0013779	.0002209
%RSD	.4245922	24.67298	.7477739

#1	.5478393	.0051529	.0293557
#2	.5482494	.0044746	.0294768
#3	.5520690	.0071270	.0297842

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.944	2485.320	49063.06	4314.224	3825.785
Stddev	8.266	2.252	124.02	25.909	2.427
%RSD	.3641481	.0905926	.2527859	.6005508	.0634347

#1	2272.345	2487.540	49128.51	4302.418	3823.377
#2	2276.743	2485.383	49140.64	4343.933	3825.747
#3	2260.743	2483.038	48920.01	4296.321	3828.230

Sample Name: J6138-13 Acquired: 12/10/2018 16:31:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950934	.0021119	.0959036	.1904428	.0888142	34.36960	2.740263
Stddev	.0010011	.0014709	.0011390	.0020545	.0019909	.09213	.006922
%RSD	1.052726	69.64739	1.187641	1.078783	2.241634	.2680611	.2526152

#1	.0951171	.0004135	.0948991	.1913993	.0910021	34.42148	2.748205
#2	.0960824	.0029574	.0971411	.1918446	.0871091	34.26323	2.735512
#3	.0940807	.0029649	.0956708	.1880845	.0883314	34.42409	2.737072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006415	.0010215	75.67548	.1495881	.4448424	.1588484	27.72723
Stddev	.0000388	.0000336	.19617	.0002600	.0003957	.0028069	.15097
%RSD	6.043842	3.287640	.2592243	.1737877	.0889493	1.767012	.5444753

#1	.0006859	.0010180	75.65424	.1493041	.4446393	.1559508	27.69961
#2	.0006140	.0010567	75.49079	.1498143	.4445895	.1590394	27.59199
#3	.0006248	.0009899	75.88140	.1496459	.4452984	.1615548	27.89011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2659867	2.791209	.0099813	.1212929	67.21230	.7121243	.4046968
Stddev	.0017361	.076296	.0005211	.0009694	.18011	.0018944	.0040463
%RSD	.6526895	2.733440	5.220371	.7992462	.2679757	.2660209	.9998351

#1	.2668593	2.878293	.0099616	.1201925	67.40789	.7129439	.4003507
#2	.2639874	2.736115	.0094703	.1220210	67.05328	.7134710	.4083552
#3	.2671133	2.759221	.0105119	.1216652	67.17572	.7099581	.4053844

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.66039	.1041391	.0074287	.0029469	.6789872	4.399701	.0016597
Stddev	.25419	.0009631	.0008885	.0003271	.0058663	.029450	.0005276
%RSD	.2803732	.9248163	11.95997	11.10062	.8639841	.6693697	31.78690

#1	90.46882	.1048350	.0064029	.0029395	.6843981	4.372546	.0022523
#2	90.56359	.1030399	.0079497	.0032776	.6727525	4.395551	.0012413
#3	90.94875	.1045425	.0079336	.0026235	.6798111	4.431006	.0014854

Sample Name: J6138-13 Acquired: 12/10/2018 16:31:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2F16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5462810	.0063840	.0290084
Stddev	.0036083	.0004820	.0001321
%RSD	.6605249	7.549583	.4554453

#1	.5504223	.0063209	.0291598
#2	.5446070	.0068944	.0289491
#3	.5438138	.0059366	.0289163

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.090	2523.697	49593.76	4412.144	3895.063
Stddev	8.041	5.427	105.65	21.488	5.824
%RSD	.3503784	.2150340	.2130217	.4870172	.1495228

#1	2288.414	2522.555	49713.68	4418.032	3895.579
#2	2292.839	2518.933	49514.45	4430.074	3888.998
#3	2304.017	2529.604	49553.14	4388.326	3900.612

Sample Name: J6138-15 Acquired: 12/10/2018 16:35:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F16S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1704703	.1230653	.1345767	.2838197	.3038556	37.34273	7.106172
Stddev	.0024806	.0010808	.0011347	.0024901	.0004603	.04174	.018397
%RSD	1.455157	.8782414	.8431452	.8773665	.1515008	.1117715	.2588944

#1	.1695707	.1242589	.1347648	.2866663	.3033517	37.38775	7.127345
#2	.1732752	.1221528	.1356056	.2820449	.3042541	37.30533	7.094087
#3	.1685650	.1227843	.1333597	.2827480	.3039610	37.33510	7.097084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1079326	.1082489	72.86716	.6083501	1.533515	.7271688	28.77677
Stddev	.0001279	.0000346	.22541	.0017810	.000755	.0024258	.15315
%RSD	.1184751	.0319789	.3093453	.2927540	.0492393	.3335910	.5321904

#1	.1079321	.1082874	73.07630	.6070872	1.533028	.7282142	28.87342
#2	.1078050	.1082205	72.62841	.6075760	1.533132	.7243955	28.60019
#3	.1080608	.1082386	72.89678	.6103872	1.534385	.7288965	28.85669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.383127	2.699238	1.136907	.2164167	64.38356	1.773915	1.506530
Stddev	.005164	.035196	.000338	.0005040	.32795	.009004	.042654
%RSD	.3733769	1.303929	.0296895	.2328748	.5093629	.5075607	2.831256

#1	1.384666	2.733635	1.137296	.2166759	64.63498	1.764190	1.546612
#2	1.377368	2.663294	1.136736	.2167383	64.50307	1.775594	1.461702
#3	1.387346	2.700784	1.136689	.2158358	64.01261	1.781961	1.511276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.56957	.0973478	.0075433	.0025167	.6575551	4.768003	.0015769
Stddev	.32077	.0017536	.0002750	.0000822	.0034338	.026460	.0005767
%RSD	.3663025	1.801357	3.645092	3.267484	.5222010	.5549546	36.57520

#1	87.93977	.0953244	.0074793	.0026055	.6552227	4.756141	.0011296
#2	87.37409	.0982928	.0073061	.0024432	.6559445	4.749549	.0013732
#3	87.39485	.0984262	.0078447	.0025014	.6614981	4.798319	.0022278

Sample Name: J6138-15 Acquired: 12/10/2018 16:35:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2F16S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5289601	.0076279	.0278986
Stddev	.0058357	.0014834	.0001690
%RSD	1.103237	19.44736	.6057745

#1	.5351359	.0059150	.0280091
#2	.5282069	.0084841	.0279826
#3	.5235376	.0084845	.0277040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.788	2546.396	50104.67	4471.861	3925.176
Stddev	10.932	1.793	60.44	12.463	6.636
%RSD	.4735153	.0703982	.1206367	.2787087	.1690695

#1	2296.875	2545.298	50063.67	4468.539	3917.566
#2	2318.361	2548.465	50174.08	4485.649	3929.760
#3	2311.128	2545.426	50076.24	4461.395	3928.202

Sample Name: J6138-13LX5 Acquired: 12/10/2018 16:39:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F16L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169813	-.002801	.0186920	.0442698	.0191280	6.966659	.5560103
Stddev	.0021366	.002357	.0004892	.0021617	.0014088	.021107	.0011468
%RSD	12.58182	84.15221	2.617185	4.882904	7.365318	.3029688	.2062488

#1	.0191890	-.003796	.0192422	.0460791	.0176628	6.988481	.5553570
#2	.0168312	-.004496	.0183061	.0418760	.0204727	6.965147	.5553396
#3	.0149238	-.000109	.0185276	.0448543	.0192485	6.946348	.5573345

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000636	.0002056	15.36817	.0306278	.0878448	.0305285	5.572773
Stddev	.0000578	.0000117	.09012	.0004629	.0000854	.0063698	.011104
%RSD	90.87419	5.664310	.5863998	1.511323	.0972211	20.86521	.1992461

#1	-.000003	.0002017	15.43811	.0307245	.0879165	.0369966	5.584792
#2	.000100	.0001964	15.26647	.0301242	.0877503	.0303272	5.562898
#3	.000094	.0002187	15.39991	.0310347	.0878675	.0242617	5.570628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546637	.5282809	.0013739	.0251373	13.68196	.1468902	.0820803
Stddev	.0014527	.0781787	.0001268	.0005271	.20991	.0042638	.0198146
%RSD	2.657532	14.79870	9.225850	2.096913	1.534221	2.902739	24.14054

#1	.0529983	.6185539	.0015151	.0256467	13.68909	.1511475	.0592207
#2	.0553230	.4831535	.0013370	.0245941	13.46858	.1426199	.0926750
#3	.0556699	.4831354	.0012697	.0251710	13.88822	.1469032	.0943452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.31699	.0191139	-.000515	.0004151	.1323360	1.003712	-.000939
Stddev	.03093	.0003480	.000703	.0002448	.0040101	.018176	.001064
%RSD	.1688540	1.820605	136.4406	58.97427	3.030230	1.810916	113.3701

#1	18.33773	.0191863	-.000655	.0005507	.1277267	1.020417	-.000655
#2	18.28144	.0194199	.000247	.0001325	.1342583	.984356	-.000045
#3	18.33179	.0187354	-.001138	.0005620	.1350231	1.006363	-.002117

Sample Name: J6138-13LX5 Acquired: 12/10/2018 16:39:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2F16L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1117593	.0029955	.0057779
Stddev	.0006763	.0009566	.0001242
%RSD	.6051067	31.93361	2.149315

#1	.1121641	.0031612	.0058068
#2	.1121352	.0019669	.0058850
#3	.1109786	.0038585	.0056418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.318	2516.090	48879.87	4270.933	4022.471
Stddev	11.257	4.695	93.06	49.640	5.174
%RSD	.4956146	.1865921	.1903759	1.162279	.1286307

#1	2270.273	2521.364	48772.51	4221.881	4021.288
#2	2283.062	2512.367	48929.68	4321.141	4017.991
#3	2260.621	2514.538	48937.43	4269.779	4028.134

Sample Name: CCV041 Acquired: 12/10/2018 16:43:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.864325	5.035160	24.79075	4.635300	5.010852	407.0002	10.08076
Stddev	.012134	.016314	.01520	.003539	.010021	1.4181	.03968
%RSD	.2494527	.3240053	.0613180	.0763482	.1999791	.3484236	.3936268

#1	4.866043	5.052295	24.80029	4.634236	5.013923	408.5064	10.12393
#2	4.851423	5.033369	24.77322	4.632415	4.999655	405.6908	10.07245
#3	4.875509	5.019814	24.79874	4.639248	5.018977	406.8034	10.04589

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5043977	2.405301	409.1634	15.26492	2.533122	15.62662	394.3218
Stddev	.0033982	.001575	1.9303	.01066	.001717	.01815	2.2762
%RSD	.6737138	.0654690	.4717616	.0698141	.0677875	.1161252	.5772554

#1	.5067742	2.403570	411.0286	15.26384	2.531246	15.64419	395.6910
#2	.5059134	2.405683	407.1740	15.25484	2.533506	15.62771	391.6942
#3	.5005053	2.406649	409.2876	15.27607	2.534615	15.60795	395.5801

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91253	393.2538	2.549509	1.262299	398.7423	2.402058	14.79073
Stddev	.09152	2.0959	.001173	.001076	2.0731	.016445	.15411
%RSD	.6136989	.5329524	.0459925	.0852345	.5199094	.6846361	1.041932

#1	14.98999	393.8014	2.549633	1.261057	400.9644	2.419036	14.72399
#2	14.81154	390.9385	2.548279	1.262902	396.8603	2.386203	14.68125
#3	14.93606	395.0214	2.550614	1.262938	398.4021	2.400934	14.96696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.9042	4.625354	5.073387	4.731809	4.519363	5.086391	5.030721
Stddev	.4161	.009179	.028086	.008067	.017725	.029112	.012770
%RSD	.2618507	.1984481	.5535859	.1704909	.3922086	.5723465	.2538330

#1	159.3653	4.619559	5.102163	4.728749	4.531554	5.107436	5.018738
#2	158.7907	4.635937	5.071950	4.725720	4.527506	5.098571	5.044154
#3	158.5567	4.620565	5.046047	4.740959	4.499029	5.053168	5.029270

Sample Name: CCV041 Acquired: 12/10/2018 16:43:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV041 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.953231	5.130149	4.926864
Stddev	.015854	.027351	.008995
%RSD	.3200771	.5331425	.1825713

#1	4.968404	5.161341	4.937120
#2	4.936774	5.110266	4.923155
#3	4.954515	5.118839	4.920317

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.963	2162.008	46380.99	4178.527	3241.812
Stddev	8.450	2.792	103.56	25.767	3.468
%RSD	.4175140	.1291169	.2232734	.6166422	.1069780

#1	2019.342	2161.336	46312.81	4153.609	3240.150
#2	2033.716	2165.074	46500.15	4176.905	3239.488
#3	2018.831	2159.614	46330.00	4205.066	3245.799

Sample Name: CCB041 Acquired: 12/10/2018 16:47:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000774	.0002948	.0004991	.0010913	-.000729	.0076535
Stddev	.001674	.0019978	.0015425	.0022836	.000829	.0019015
%RSD	216.2442	677.6129	309.0680	209.2445	113.6514	24.84566

#1	-.002706	.0012121	.0022472	.0003971	.000118	.0088358
#2	.000176	.0016693	-.000671	.0036415	-.001538	.0054599
#3	.000208	-.001997	-.000079	-.000765	-.000769	.0086646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001805	-.000030	-.000002	-.012038	.0003095	.0000486
Stddev	.000666	.000050	.000133	.008793	.0001969	.0002160
%RSD	36.90536	166.8042	5705.227	73.03922	63.62029	444.5397

#1	-.002390	.000008	.000000	-.003655	.0005306	-.000051
#2	-.001946	-.000086	.000130	-.011269	.0001532	.000296
#3	-.001080	-.000011	-.000137	-.021190	.0002447	-.000100

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003407	.0239164	.0010082	-.033569	-.000078	.0004496
Stddev	.004649	.0208103	.0020436	.054149	.000314	.0004762
%RSD	136.4328	87.01275	202.6986	161.3050	403.1026	105.9192

#1	-.001081	.0398330	-.001327	-.019597	-.000167	.0006361
#2	-.008760	.0315487	.002468	.012224	.000271	.0008043
#3	-.000381	.0003675	.001884	-.093335	-.000338	-.000092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111988	.0021029	-.003351	.3088148	-.000057	F .0105458
Stddev	.0675271	.0017107	.008231	.0310299	.000759	.0000845
%RSD	602.9872	81.35083	245.6590	10.04805	1323.756	.8012447

#1	-.039809	.0030920	-.011081	.2752085	-.000929	.0104781
#2	.087777	.0030891	-.004275	.3148559	.000458	.0105187
#3	-.014372	.0001275	.005304	.3363798	.000299	.0106405

Sample Name: CCB041 Acquired: 12/10/2018 16:47:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	-.004929	.0020243	-.000429	-.001530	.0045198
Stddev	.000190	.002500	.0012055	.000474	.002107	.0016973
%RSD	478.5542	50.72201	59.55301	110.5814	137.6846	37.55198

#1	-.000168	-.002163	.0023632	-.000976	-.002827	.0029853
#2	-.000131	-.007028	.0030240	-.000165	.000901	.0042311
#3	.000179	-.005595	.0006856	-.000145	-.002663	.0063428

Elem	Sr4077
Units	ppm
Avg	-.000133
Stddev	.000070
%RSD	52.82459

#1	-.000213
#2	-.000108
#3	-.000079

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.576	2534.682	48172.46	4297.867	4017.195
Stddev	6.591	1.265	100.38	8.926	6.248
%RSD	.2924622	.0499073	.2083729	.2076729	.1555299

#1	2248.851	2534.642	48281.14	4291.760	4010.111
#2	2250.772	2535.967	48153.02	4308.110	4021.921
#3	2261.105	2533.438	48083.22	4293.730	4019.553

Sample Name: J6138-02 Acquired: 12/10/2018 17:33:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F12D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0815493	.0728996	.0558464	.0951718	.1118745	96.14634	.8196566
Stddev	.0056868	.0001018	.0015464	.0046017	.0016864	.35633	.0020369
%RSD	6.973428	.1396508	2.769066	4.835117	1.507374	.3706092	.2485016

#1	.0873212	.0728468	.0541220	.1004446	.1128146	96.08856	.8178760
#2	.0813750	.0730170	.0571103	.0931046	.1128813	95.82243	.8192163
#3	.0759516	.0728351	.0563067	.0919663	.1099276	96.52802	.8218777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293911	.0294179	5.081959	.0684802	.7452317	.0745904	2.884224
Stddev	.0001452	.0001503	.041823	.0005713	.0009718	.0033406	.038453
%RSD	.4939023	.5110567	.8229623	.8343162	.1304034	4.478643	1.333201

#1	.0295479	.0295081	5.050609	.0691353	.7443647	.0764840	2.897412
#2	.0292615	.0295013	5.065822	.0680853	.7450482	.0765539	2.840913
#3	.0293640	.0292443	5.129446	.0682199	.7462822	.0707331	2.914348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0957563	99.23501	.0807834	.0395212	8.184538	.4015865	.9411437
Stddev	.0015090	.88441	.0004479	.0001855	.177722	.0020633	.0176221
%RSD	1.575867	.8912303	.5544461	.4694138	2.171440	.5137783	1.872411

#1	.0940365	99.73403	.0804538	.0395877	8.360765	.4037968	.9513592
#2	.0968587	98.21386	.0812934	.0396643	8.005357	.3997112	.9207955
#3	.0963737	99.75713	.0806032	.0393116	8.187492	.4012516	.9512763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.754196	.0036891	-.001250	-.000084	-.003698	.0021276	-.000372
Stddev	.040041	.0017966	.000329	.000466	.004077	.0010077	.000255
%RSD	.5163761	48.70082	26.28127	552.8817	110.2430	47.36282	68.46741

#1	7.795886	.0055916	-.001629	.000010	-.003978	.0029296	-.000371
#2	7.716039	.0034543	-.001042	.000328	-.007627	.0009965	-.000118
#3	7.750664	.0020214	-.001079	-.000590	.000512	.0024567	-.000628

Sample Name: J6138-02 Acquired: 12/10/2018 17:33:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2F12D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001517	.0006470	.0016057
Stddev	.000799	.0003402	.0000603
%RSD	52.67560	52.58622	3.758158

#1	-.002270	.0004583	.0016167
#2	-.001602	.0004429	.0015406
#3	-.000679	.0010397	.0016597

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.508	2493.553	48821.25	4629.779	3955.963
Stddev	7.592	3.126	165.95	28.161	2.614
%RSD	.3339191	.1253554	.3399081	.6082507	.0660723

#1	2273.316	2491.454	48685.95	4598.823	3958.314
#2	2266.014	2497.145	48771.39	4653.877	3953.148
#3	2281.194	2492.058	49006.41	4636.637	3956.428

Sample Name: CCV042 Acquired: 12/10/2018 17:41:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.828899	4.877905	24.30547	4.616925	4.890184	406.9901
Stddev	.013028	.015451	.08761	.016271	.020600	1.8471
%RSD	.2697886	.3167598	.3604464	.3524143	.4212609	.4538436

#1	4.826257	4.865879	24.22814	4.624688	4.890677	405.2063
#2	4.817394	4.872505	24.28767	4.598227	4.869342	406.8693
#3	4.843045	4.895332	24.40062	4.627860	4.910534	408.8946

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04838	.4820191	2.398536	409.1397	15.03376	2.492405
Stddev	.02635	.0034444	.006485	1.6609	.02621	.006062
%RSD	.2622797	.7145766	.2703595	.4059485	.1743229	.2432209

#1	10.02414	.4798165	2.392715	407.2220	15.02379	2.488201
#2	10.04455	.4859884	2.397368	410.0727	15.01400	2.489661
#3	10.07644	.4802525	2.405526	410.1242	15.06349	2.499354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31730	411.5254	15.31735	410.2127	2.465965	1.212190
Stddev	.05203	1.6922	.07110	2.9526	.003347	.001707
%RSD	.3396672	.4111998	.4642004	.7197843	.1357291	.1408140

#1	15.26063	409.6545	15.23602	407.5177	2.462146	1.214010
#2	15.32837	411.9727	15.34826	409.7517	2.467366	1.211936
#3	15.36291	412.9490	15.36776	413.3687	2.468385	1.210625

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.7572	2.478968	15.71012	152.0732	4.567871	4.956885
Stddev	1.9765	.038733	.08249	.2536	.016254	.027463
%RSD	.5032387	1.562451	.5250770	.1667627	.3558336	.5540317

#1	390.8309	2.442507	15.70749	151.8043	4.557807	4.930837
#2	392.6603	2.474767	15.62898	152.3081	4.559182	4.985572
#3	394.7804	2.519630	15.79390	152.1073	4.586622	4.954246

Sample Name: CCV042 Acquired: 12/10/2018 17:41:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.744686	F 4.428939	4.821734	4.918220	4.981457	5.025830
Stddev	.010461	.018115	.030729	.014556	.022122	.021215
%RSD	.2204757	.4090112	.6373064	.2959666	.4440922	.4221106

#1	4.738987	4.413216	4.800857	4.902058	4.960451	5.007069
#2	4.738313	4.424853	4.857020	4.922303	4.979371	5.021570
#3	4.756759	4.448748	4.807324	4.930299	5.004548	5.048851

Elem	Sr4077
Units	ppm
Avg	4.919332
Stddev	.007028
%RSD	.1428700

#1	4.913007
#2	4.918091
#3	4.926898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.455	2149.202	46608.88	4421.977	3278.719
Stddev	12.145	1.669	208.43	27.327	2.456
%RSD	.5996355	.0776361	.4471999	.6179715	.0749109

#1	2012.562	2147.979	46379.39	4407.007	3281.431
#2	2027.121	2151.103	46660.83	4405.406	3276.644
#3	2036.681	2148.525	46786.43	4453.517	3278.082

Sample Name: CCB042 Acquired: 12/10/2018 17:45:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000697	-.000513	.0013139	.0030240	.0005837	-.005817	-.000471
Stddev	.000662	.000705	.0004599	.0017085	.0005689	.008104	.001135
%RSD	95.09469	137.3460	35.00267	56.49733	97.45870	139.3052	240.8312

#1	-.001369	-.000523	.0014244	.0027475	-.000035	-.001957	.000713
#2	-.000045	.000196	.0008088	.0048539	.001085	-.015130	-.000578
#3	-.000676	-.001214	.0017086	.0014707	.000701	-.000366	-.001550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000150	-.000050	-.024945	.0001314	.0000977	-.001057	-.008425
Stddev	.0000295	.000073	.016656	.0002094	.0002940	.001442	.018834
%RSD	196.2267	146.6148	66.77175	159.3589	300.8447	136.4053	223.5655

#1	.0000037	.000006	-.022007	.0003503	.0003484	-.002379	-.030154
#2	-.000007	-.000023	-.042875	-.000067	-.000226	-.001273	.003216
#3	.000049	-.000132	-.009953	.000111	.000171	.000481	.001664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000621	.0077472	-.000191	.0000724	.1300610	.0015311	.0217299
Stddev	.001677	.1025680	.000163	.0003919	.1529001	.0049270	.0137949
%RSD	270.1293	1323.928	85.04027	541.4460	117.5603	321.7978	63.48321

#1	-.001696	.0352878	-.000331	.0003905	.3048240	.0027368	.0182701
#2	-.001477	-.105779	-.000230	.0001921	.0644016	.0057433	.0099943
#3	.001311	.093733	-.000013	-.000365	.0209574	-.003887	.0369254

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1187812	.0010090	.0078942	.0000184	-.005774	.0006485	-.000587
Stddev	.0192248	.0007424	.0001639	.0001067	.003409	.0007454	.000313
%RSD	16.18508	73.57172	2.076374	579.7839	59.05126	114.9335	53.32147

#1	.1082731	.0011705	.0080369	.0000312	-.008126	.0011302	-.000842
#2	.1071007	.0001992	.0077152	-.000094	-.007331	-.000210	-.000238
#3	.1409698	.0016574	.0079303	.000118	-.001864	.001025	-.000680

Sample Name: CCB042 Acquired: 12/10/2018 17:45:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v745) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB042 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000621	.0030035	-.000015
Stddev	.001554	.0016994	.000148
%RSD	250.2157	56.58128	961.6636

#1	.001127	.0041769	-.000019
#2	-.001142	.0010547	-.000162
#3	-.001848	.0037788	.000135

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.046	2530.081	49072.92	4615.427	4091.988
Stddev	13.858	3.754	167.74	24.861	9.740
%RSD	.6056678	.1483608	.3418234	.5386550	.2380209

#1	2293.982	2534.392	49196.67	4638.930	4103.137
#2	2297.946	2528.311	49140.09	4617.950	4087.695
#3	2272.208	2527.540	48882.00	4589.400	4085.133