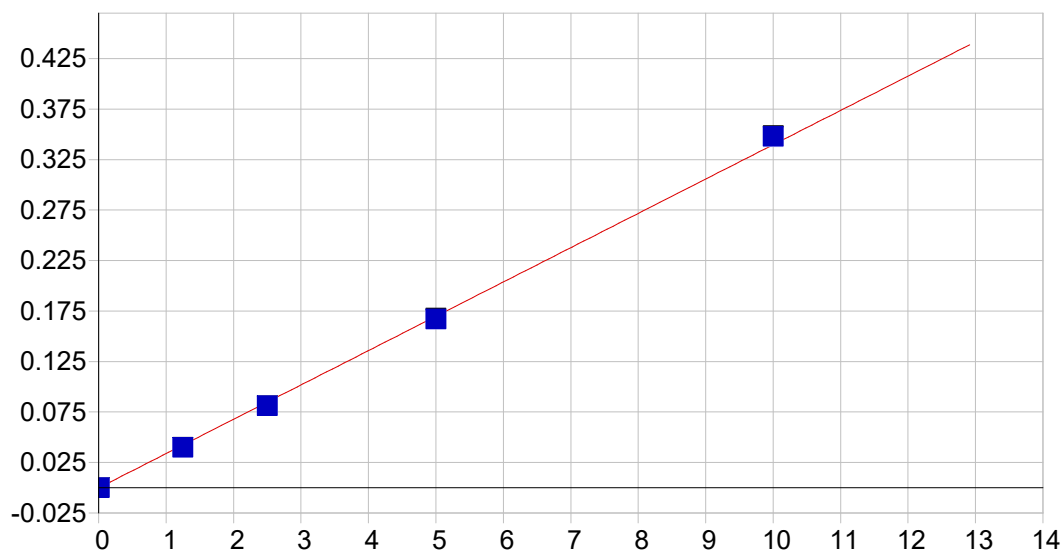


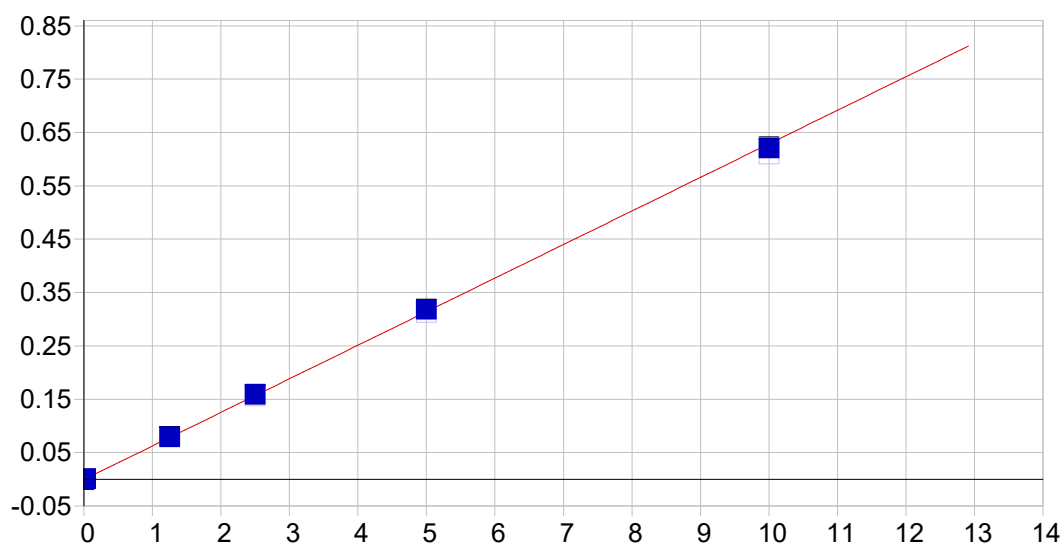


As 189.042 {479}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000152 Re-Slope: 1.000000
A1 (Gain): 0.033984 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999586 Status: OK.
Std Error of Est: 0.000016
Predicted MDL: 0.003570
Predicted MQL: 0.011899

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00866	-.001	-13.4	.00014	.000	1
S2	1.2500	1.1819	-.068	-5.45	.03991	.000	1
S3	2.5000	2.3969	-.103	-4.12	.08110	.000	1
S4	5.0000	4.9242	-.076	-1.52	.16679	.001	1
S5	10.000	10.248	.248	2.48	.34732	.001	1

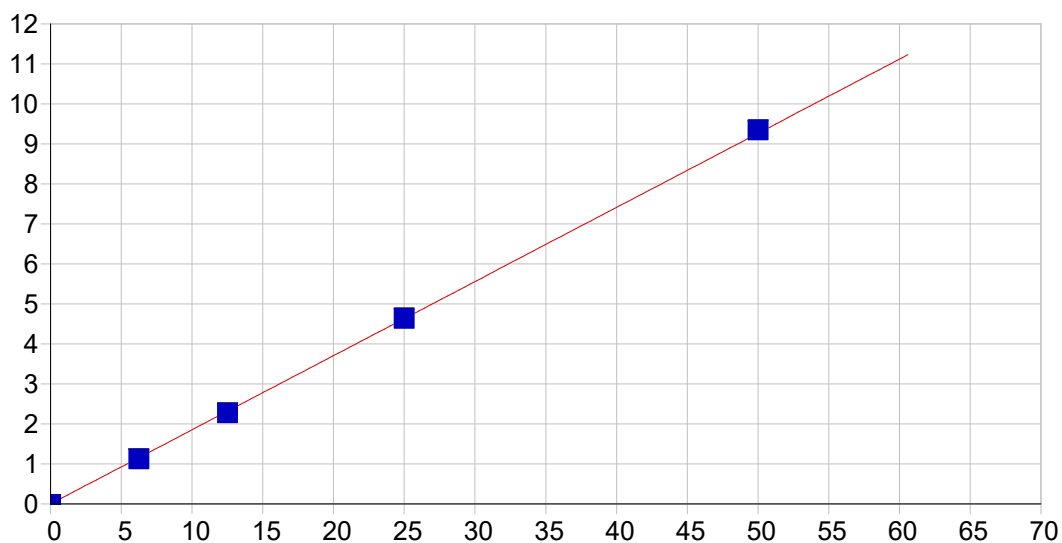


TI 190.856 {477}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000557 Re-Slope: 1.000000
 A1 (Gain): 0.062923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002034
 Predicted MQL: 0.006779

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00056	.000	1
S1	.02500	.02691	.002	7.65	.00107	.000	1
S2	1.2500	1.2774	.027	2.19	.07837	.000	1
S3	2.5000	2.5346	.035	1.38	.15602	.001	1
S4	5.0000	5.0638	.064	1.28	.31227	.001	1
S5	10.000	9.8724	-.128	-1.28	.60904	.003	1

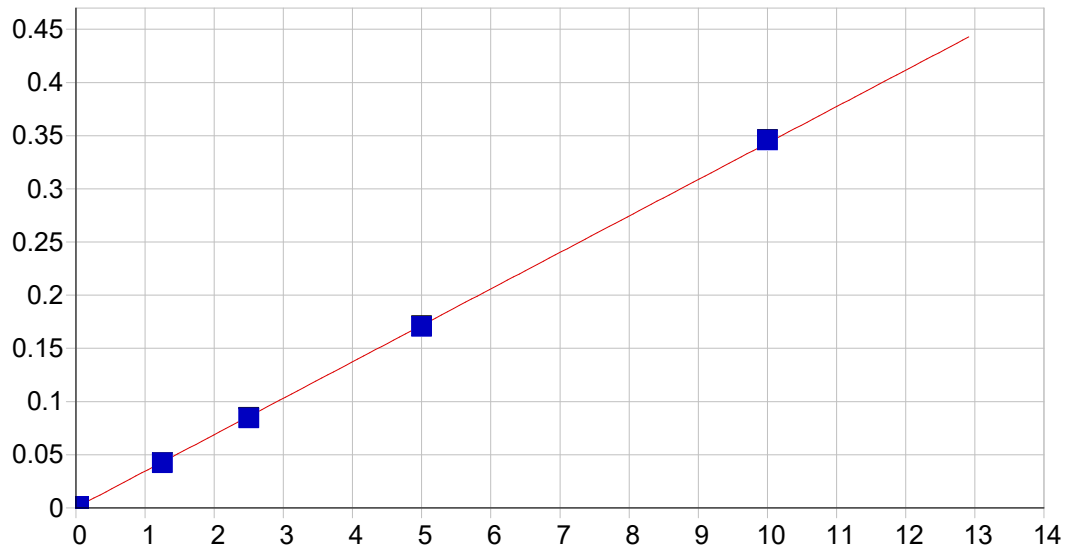


Pb 220.353 {453}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000391 Re-Slope: 1.000000
 A1 (Gain): 0.185295 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.001643
 Predicted MQL: 0.005476

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.01000	.01049	.000	4.91	.00234	.000	1
S2	6.2500	6.0604	-.190	-3.03	1.1236	.002	1
S3	12.500	12.257	-.243	-1.94	2.2720	.011	1
S4	25.000	25.016	.016	.064	4.6366	.011	1
S5	50.000	50.416	.416	.832	9.3441	.011	1

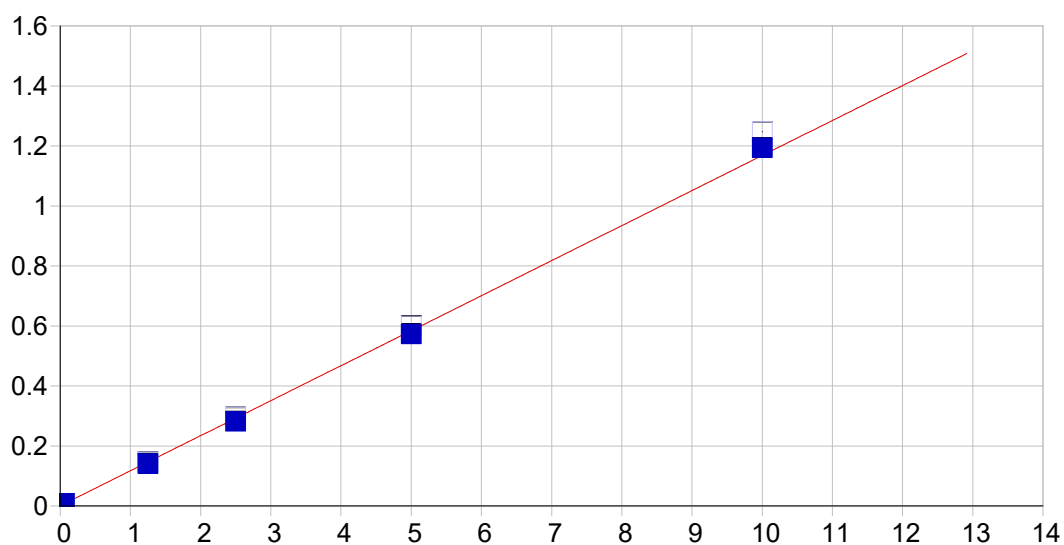


Se 196.090 {472}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000298	Re-Slope:	1.000000
A1 (Gain):	0.034273	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.004194		
Predicted MQL:	0.013981		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00030	.000	1
S1	.03500	.04165	.007	19.0	.00173	.000	1
S2	1.2500	1.2270	-.023	-1.84	.04224	.000	1
S3	2.5000	2.4560	-.044	-1.76	.08425	.001	1
S4	5.0000	4.9730	-.027	-.540	.17029	.001	1
S5	10.000	10.087	.087	.873	.34511	.000	1

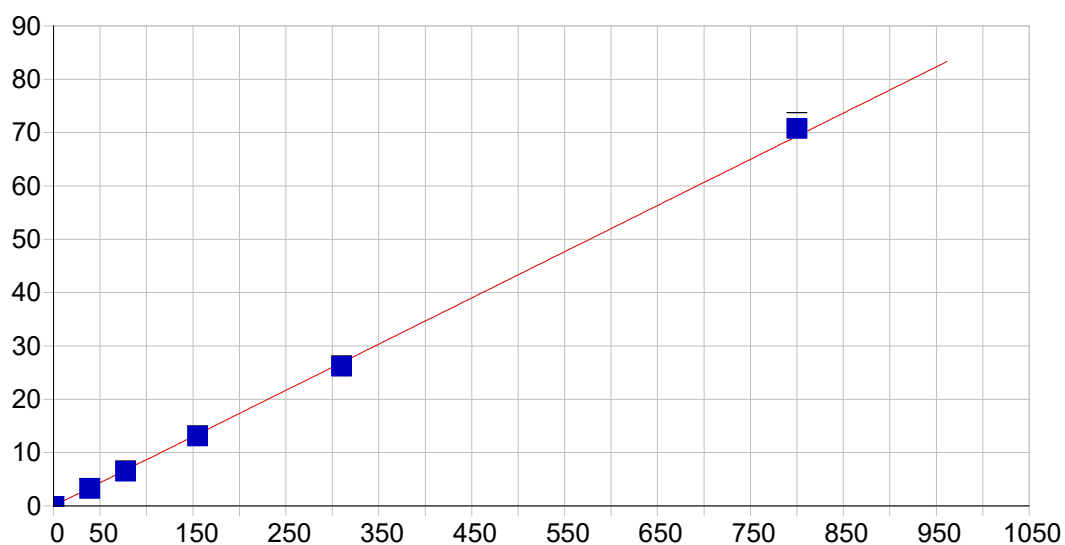


Sb 206.833 {463}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000380 Re-Slope: 1.000000
 A1 (Gain): 0.116737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999689 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.001810
 Predicted MQL: 0.006034

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.06000	.06800	.008	13.3	.00832	.000	1
S2	1.2500	1.2021	-.048	-3.83	.14743	.000	1
S3	2.5000	2.4115	-.089	-3.54	.29533	.001	1
S4	5.0000	4.9054	-.095	-1.89	.59990	.001	1
S5	10.000	10.223	.223	2.23	1.2476	.001	1

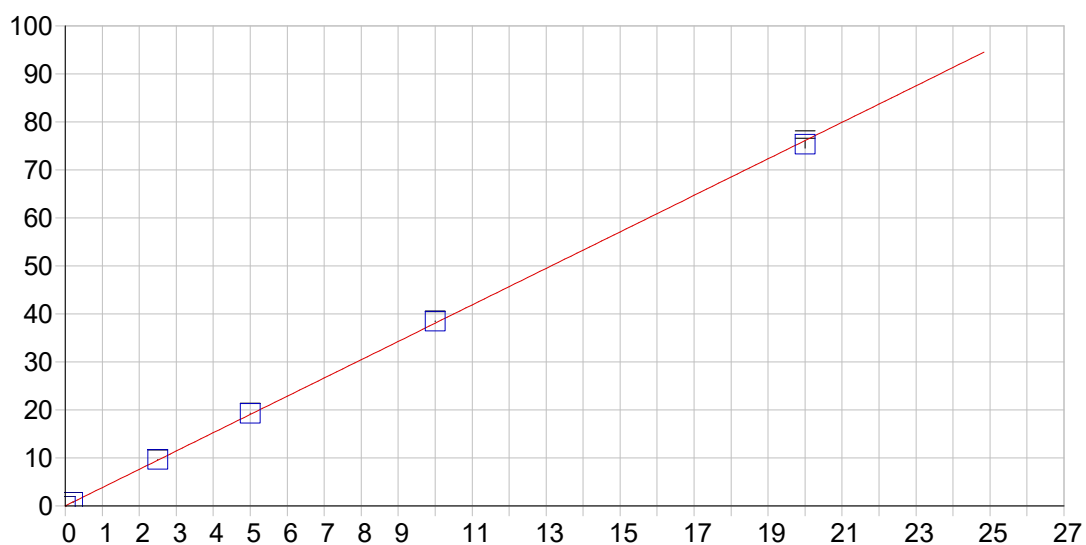


AI 396.152 { 85}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003311 Re-Slope: 1.000000
 A1 (Gain): 0.086646 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999715 Status: OK.
 Std Error of Est: 0.001287
 Predicted MDL: 0.011447
 Predicted MQL: 0.038158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00331	.001	1
S1	.20000	.20423	.004	2.11	.02130	.001	1
S2	38.750	37.442	-1.31	-3.38	3.2542	.022	1
S3	77.500	74.898	-2.60	-3.36	6.5063	.021	1
S4	155.00	150.88	-4.12	-2.66	13.103	.056	1
S5	310.00	301.79	-8.21	-2.65	26.206	.147	1
S6	800.00	816.26	16.3	2.03	70.772	1.13	1

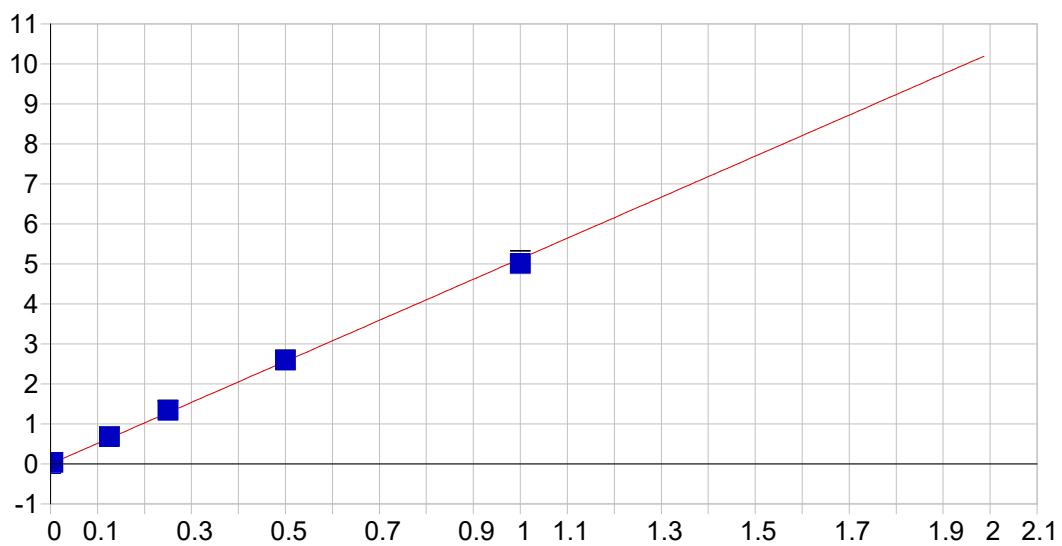


Ba 493.409 { 68}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020232 Re-Slope: 1.000000
 A1 (Gain): 3.804751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.004653
 Predicted MDL: 0.000615
 Predicted MQL: 0.002050

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02018	.001	1
S1	.20000	.20937	.009	4.69	.81684	.007	1
S2	2.5000	2.5312	.031	1.25	9.6509	.031	1
S3	5.0000	5.0656	.066	1.31	19.294	.008	1
S4	10.000	10.104	.104	1.04	38.464	.058	1
S5	20.000	19.790	-.210	-1.05	75.315	.769	1

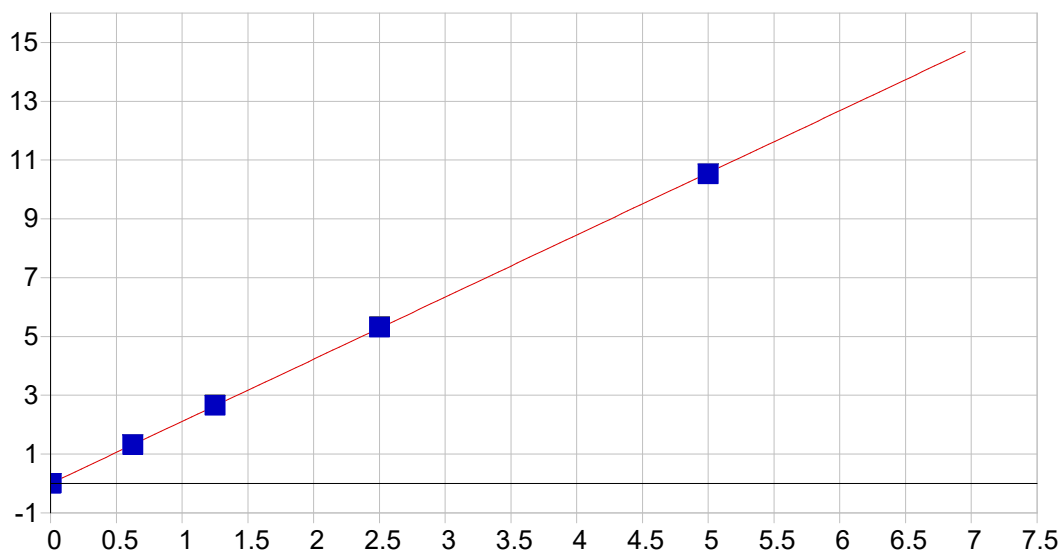


Be 234.861 {144}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000915	Re-Slope:	1.000000
A1 (Gain):	5.130497	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999564	Status:	OK.
Std Error of Est:	0.000567		
Predicted MDL:	0.000077		
Predicted MQL:	0.000255		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00092	.000	1
S1	.00500	.00601	.001	20.1	.02989	.000	1
S2	.12500	.13241	.007	5.93	.67631	.007	1
S3	.25000	.25997	.010	3.99	1.3286	.013	1
S4	.50000	.50489	.005	.979	2.5809	.009	1
S5	1.0000	.97672	-.023	-2.33	4.9931	.078	1

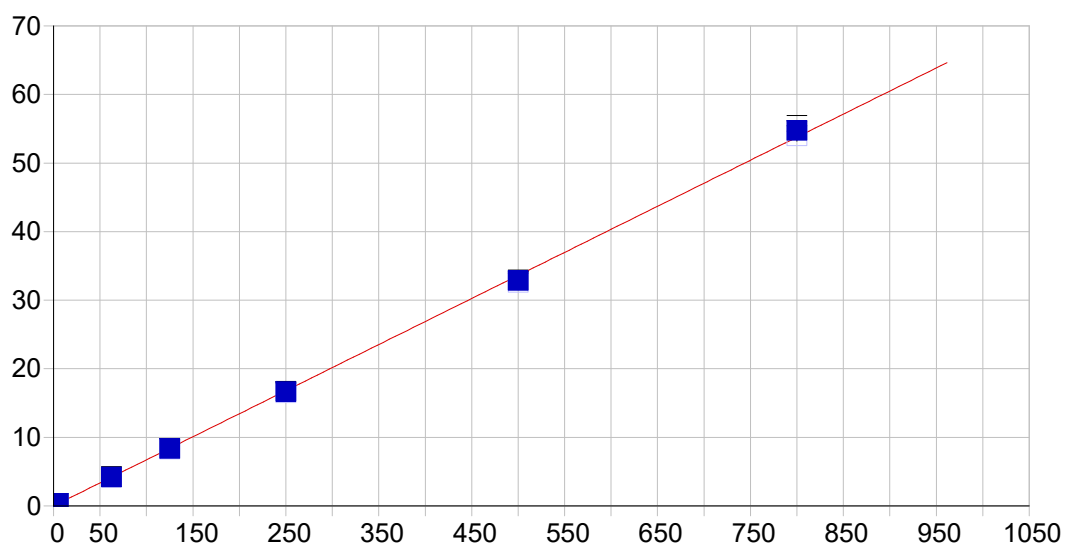


Cd 214.438 {457}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000146	Re-Slope:	1.000000
A1 (Gain):	2.113130	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000086		
Predicted MDL:	0.000090		
Predicted MQL:	0.000299		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.00500	.00545	.000	9.01	.01167	.000	1
S2	.62500	.62497	-.000	-.004	1.3228	.001	1
S3	1.2500	1.2548	.005	.386	2.6558	.007	1
S4	2.5000	2.5144	.014	.575	5.3215	.012	1
S5	5.0000	4.9804	-.020	-.393	10.541	.003	1

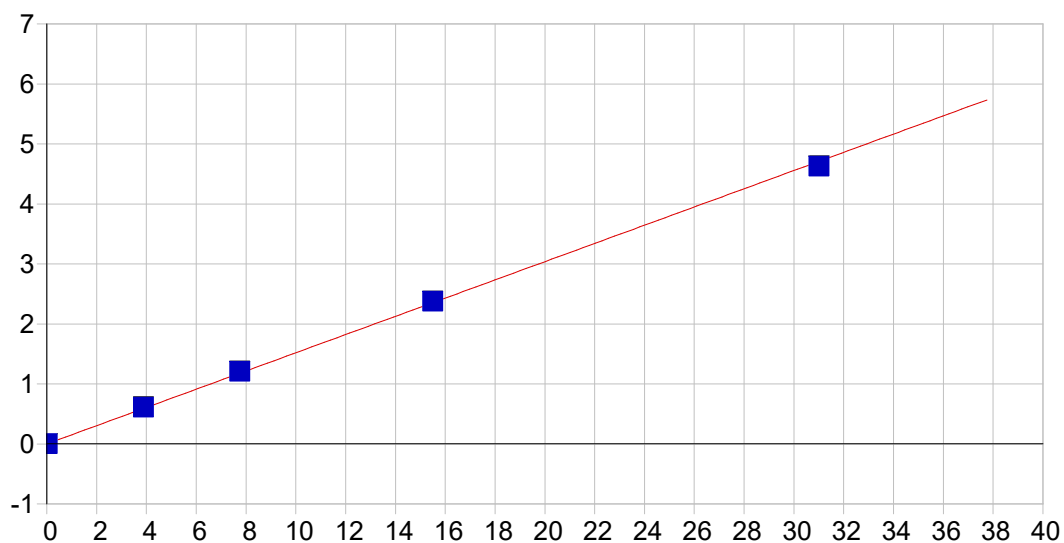


Ca 373.690 { 90}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000574 Re-Slope: 1.000000
 A1 (Gain): 0.067222 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.004191
 Predicted MDL: 0.012635
 Predicted MQL: 0.042117

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.00056	.000	1
S1	5.0000	5.2468	.247	4.94	.35317	.001	1
S2	62.500	62.618	.118	.189	4.1723	.015	1
S3	125.00	124.07	-.931	-.744	8.2656	.007	1
S4	250.00	247.61	-2.39	-.958	16.495	.049	1
S5	500.00	488.69	-11.3	-2.26	32.550	.102	1
S6	800.00	814.36	14.4	1.79	53.942	.746	1

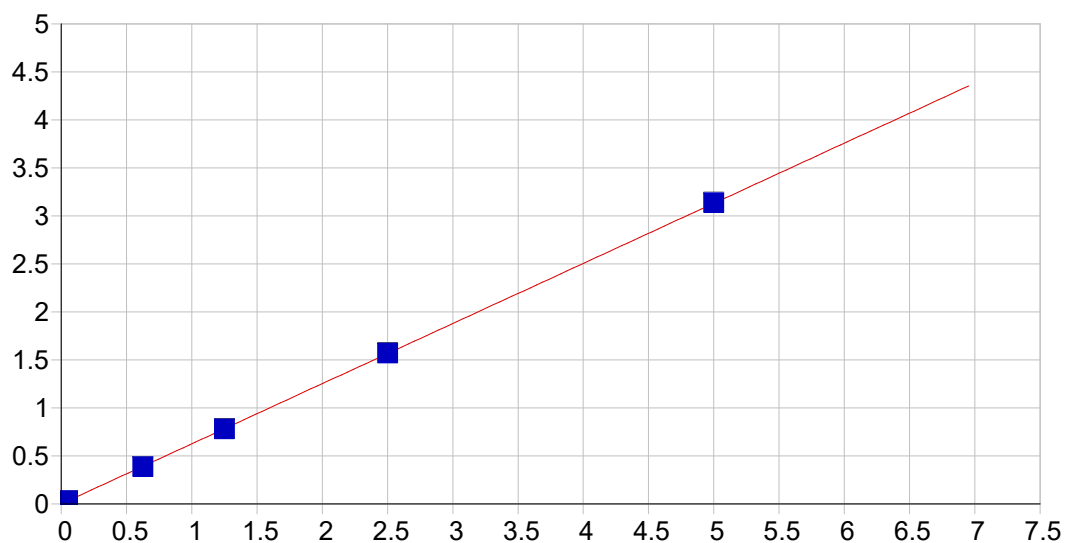


Cr 267.716 {126}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.151878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.000533
 Predicted MQL: 0.001776

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.01186	.002	18.6	.00183	.000	1
S2	3.8750	4.0307	.156	4.02	.61294	.003	1
S3	7.7500	7.9703	.220	2.84	1.2120	.002	1
S4	15.500	15.650	.150	.969	2.3799	.002	1
S5	31.000	30.472	-.528	-1.70	4.6339	.002	1

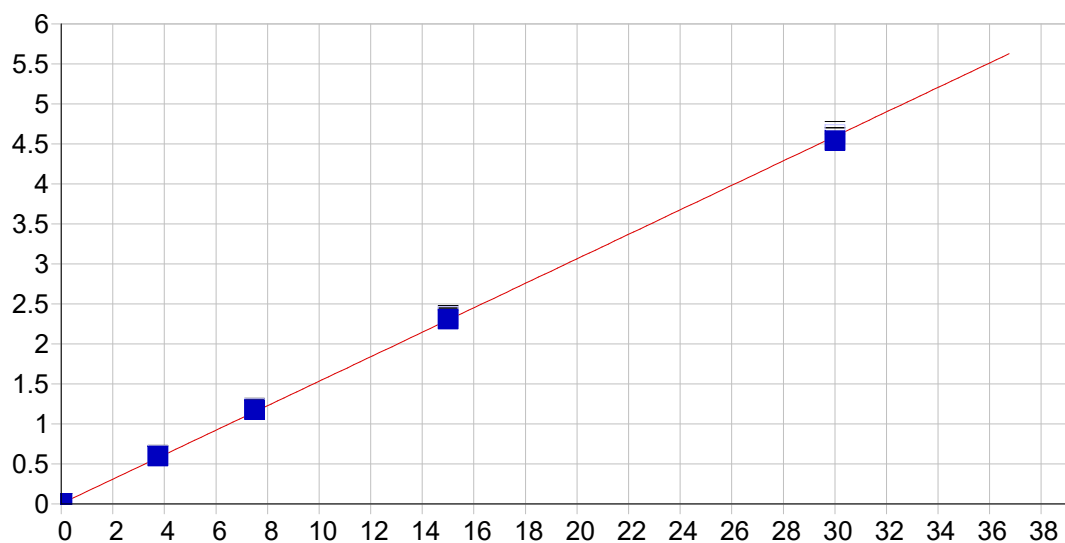


Co 228.616 {448}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000171	Re-Slope:	1.000000
A1 (Gain):	0.626246	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.000296		
Predicted MQL:	0.000986		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.05000	.05131	.001	2.63	.03242	.000	1
S2	.62500	.61650	-.008	-1.36	.38688	.000	1
S3	1.2500	1.2449	-.005	-.412	.78100	.002	1
S4	2.5000	2.5042	.004	.168	1.5709	.002	1
S5	5.0000	5.0081	.008	.163	3.1415	.002	1

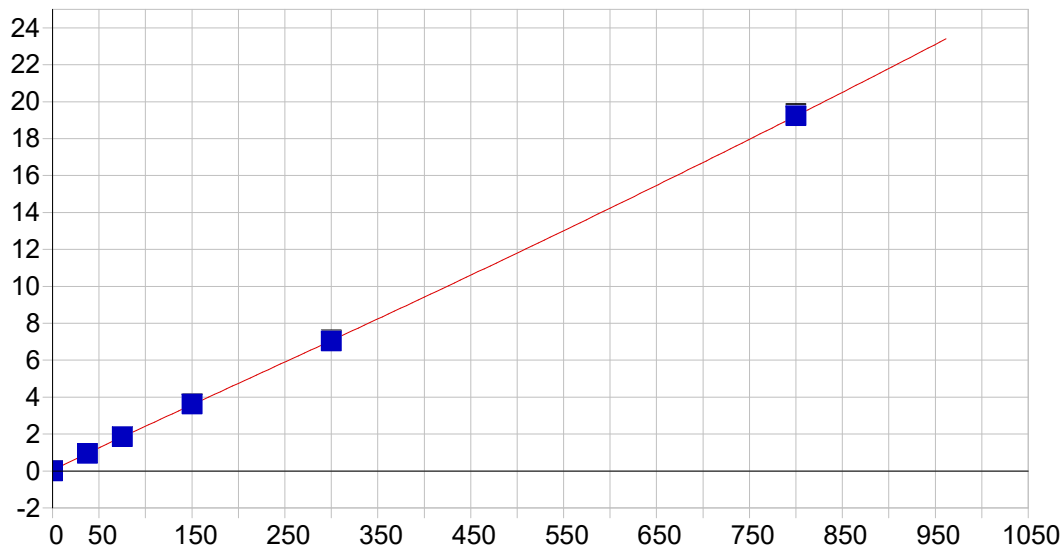


Cu 324.754 {104}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003307	Re-Slope:	1.000000
A1 (Gain):	0.153016	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999899	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.003373		
Predicted MQL:	0.011243		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00331	.000	1
S1	.02500	.02481	-.000	-.767	.00787	.000	1
S2	3.7500	3.8780	.128	3.41	.60590	.004	1
S3	7.5000	7.6562	.156	2.08	1.1932	.003	1
S4	15.000	15.058	.058	.386	2.3442	.010	1
S5	30.000	29.658	-.342	-1.14	4.6151	.040	1

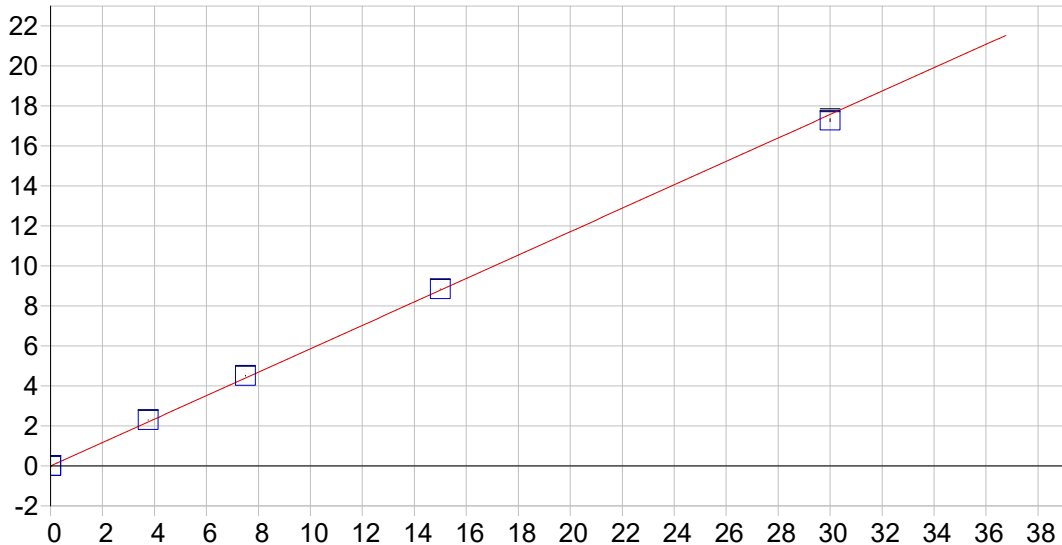


Fe 259.837 {130}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000122	Re-Slope:	1.000000
A1 (Gain):	0.031351	Y-int:	0.000000
A2 (Curvature):	0.000008		
n (Exponent):	0.940000		
Correlation:	0.999984	Status:	Warning Positive Curvature
Std Error of Est:	0.000076		
Predicted MDL:	0.008001		
Predicted MQL:	0.026671		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00012	.000	1
S1	.10000	.07072	-.029	-29.3	.00285	.000	1
S2	37.500	37.139	-.361	-.963	.94748	.005	1
S3	75.000	75.376	.376	.501	1.8570	.010	1
S4	150.00	151.37	1.37	.911	3.6277	.010	1
S5	300.00	298.32	-1.68	-.561	7.0450	.045	1
S6	800.00	800.35	.347	.043	19.269	.076	1

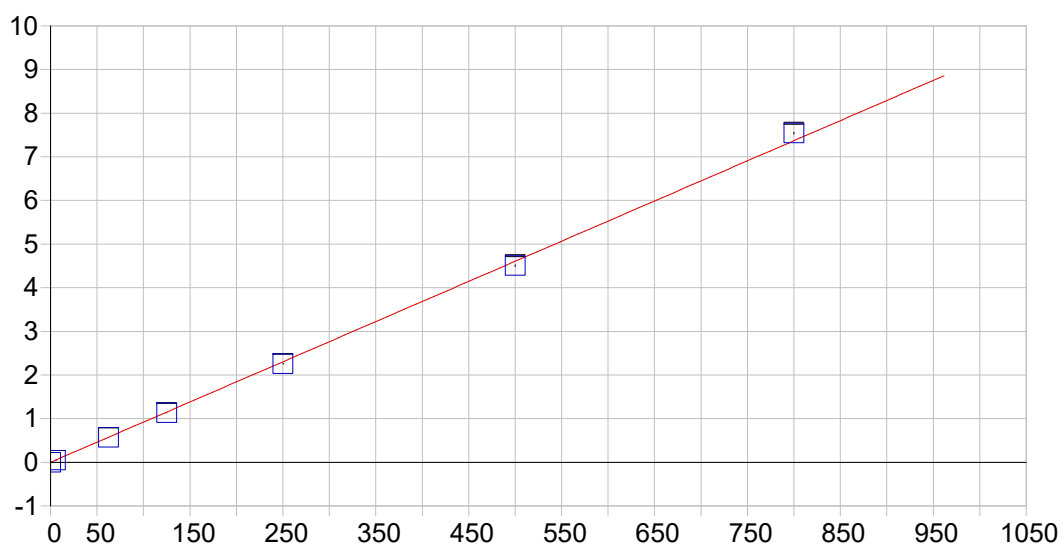


Mn 257.610 {131}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000209 Re-Slope: 1.000000
 A1 (Gain): 0.585889 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000419
 Predicted MDL: 0.000490
 Predicted MQL: 0.001635

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.01500	.01753	.003	16.9	.01048	.000	1
S2	3.7500	3.9254	.175	4.68	2.3000	.009	1
S3	7.5000	7.7080	.208	2.77	4.5162	.014	1
S4	15.000	15.097	.097	.646	8.8453	.010	1
S5	30.000	29.517	-.483	-1.61	17.294	.076	1

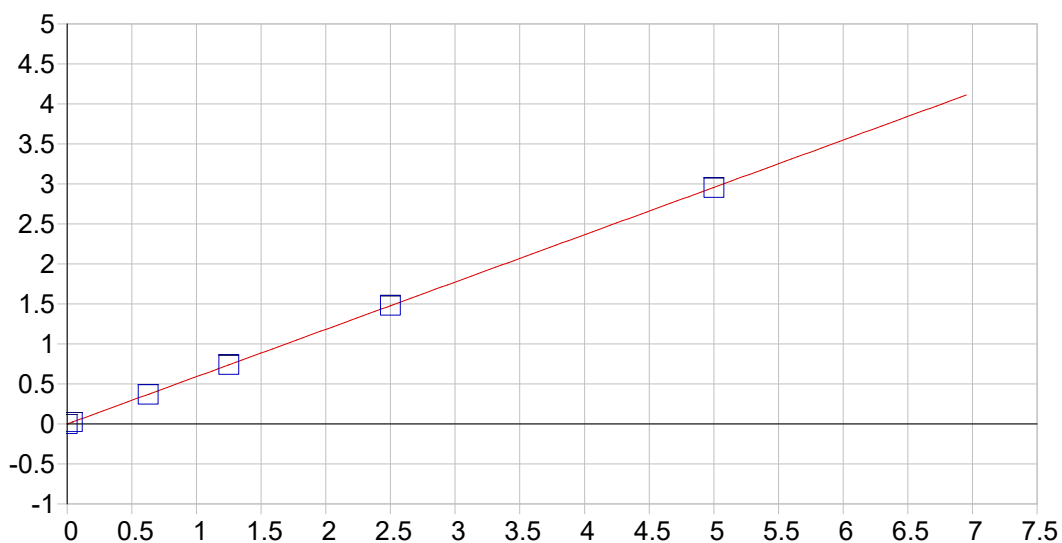


Mg 279.079 {121}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000326	Re-Slope:	1.000000
A1 (Gain):	0.009213	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999760	Status:	OK.
Std Error of Est:	0.000705		
Predicted MDL:	0.033056		
Predicted MQL:	0.110186		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00033	.000	1
S1	5.0000	5.2725	.273	5.45	.04825	.000	1
S2	62.500	61.753	-.747	-1.20	.56858	.004	1
S3	125.00	122.79	-2.21	-1.77	1.1309	.004	1
S4	250.00	244.97	-5.03	-2.01	2.2565	.002	1
S5	500.00	489.08	-10.9	-2.18	4.5054	.021	1
S6	800.00	818.64	18.6	2.33	7.5415	.023	1

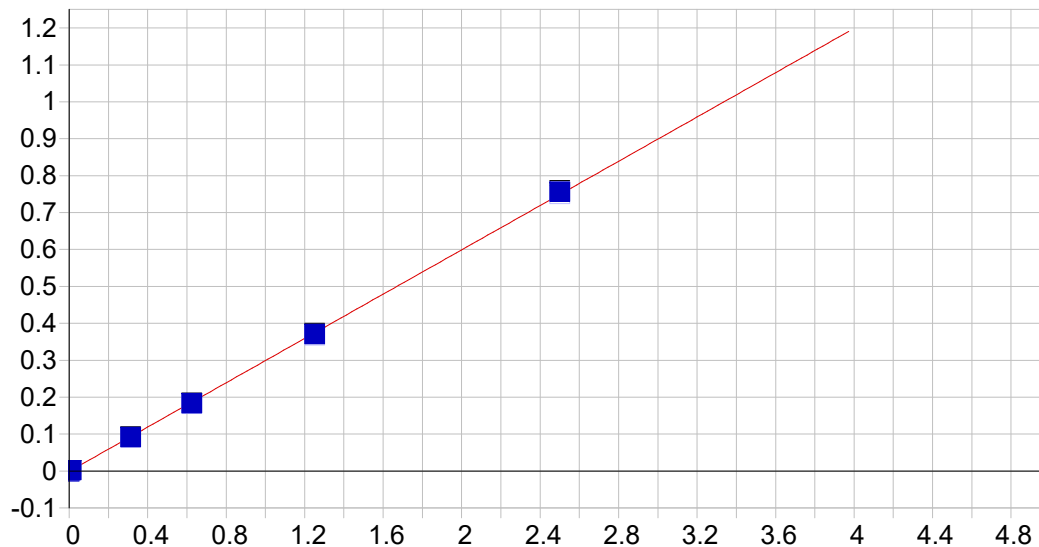


Ni 231.604 {446}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001046 Re-Slope: 1.000000
 A1 (Gain): 0.591452 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.000408
 Predicted MQL: 0.001360

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00105	.000	1
S1	.04000	.04292	.003	7.31	.02434	.000	1
S2	.62500	.62331	-.002	-.271	.36761	.002	1
S3	1.2500	1.2498	-.000	-.012	.73818	.001	1
S4	2.5000	2.5040	.004	.161	1.4800	.003	1
S5	5.0000	4.9949	-.005	-.102	2.9532	.002	1

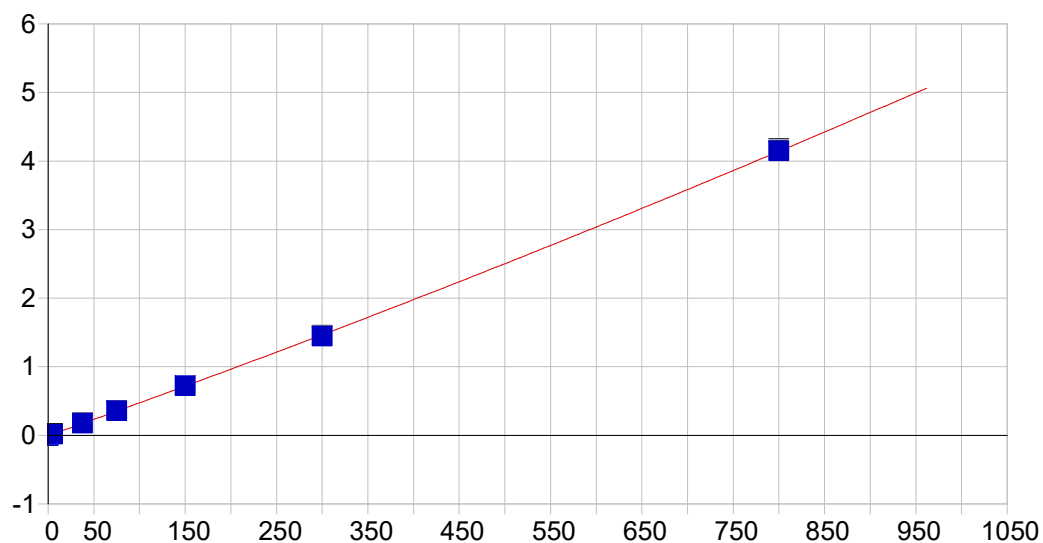


Ag 328.068 {103}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000935 Re-Slope: 1.000000
 A1 (Gain): 0.299933 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.000492
 Predicted MQL: 0.001639

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00094	.000	1
S1	.01000	.01136	.001	13.6	.00245	.000	1
S2	.31250	.30754	-.005	-1.59	.09050	.001	1
S3	.62500	.61497	-.010	-1.61	.18191	.001	1
S4	1.2500	1.2389	-.011	-.886	.36745	.003	1
S5	2.5000	2.5247	.025	.988	.74989	.004	1

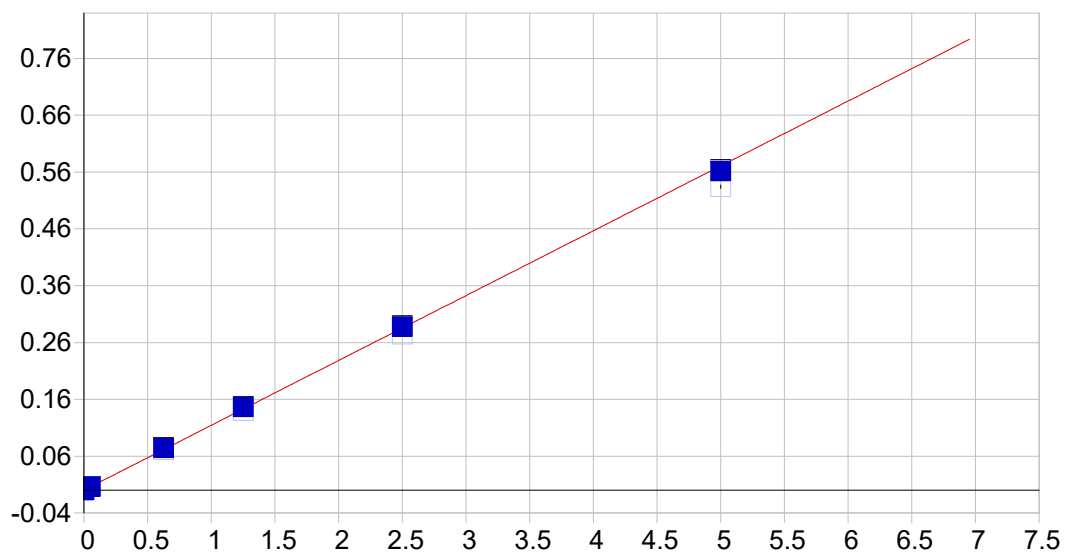


Na 818.326 { 41}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.005673	Re-Slope:	1.000000
A1 (Gain):	0.004741	Y-int:	0.000000
A2 (Curvature):	0.000001		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	Warning Positive Curvature
Std Error of Est:	0.000169		
Predicted MDL:	0.337342		
Predicted MQL:	1.124472		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00045	-.000	.000	-.00568	.001	1
S1	5.0000	5.2861	.286	5.72	.01941	.001	1
S2	37.500	38.498	.998	2.66	.17846	.001	1
S3	75.000	75.985	.985	1.31	.35936	.001	1
S4	150.00	151.03	1.03	.686	.72615	.001	1
S5	300.00	295.49	-4.51	-1.50	1.4498	.009	1
S6	800.00	801.24	1.24	.155	4.1646	.013	1

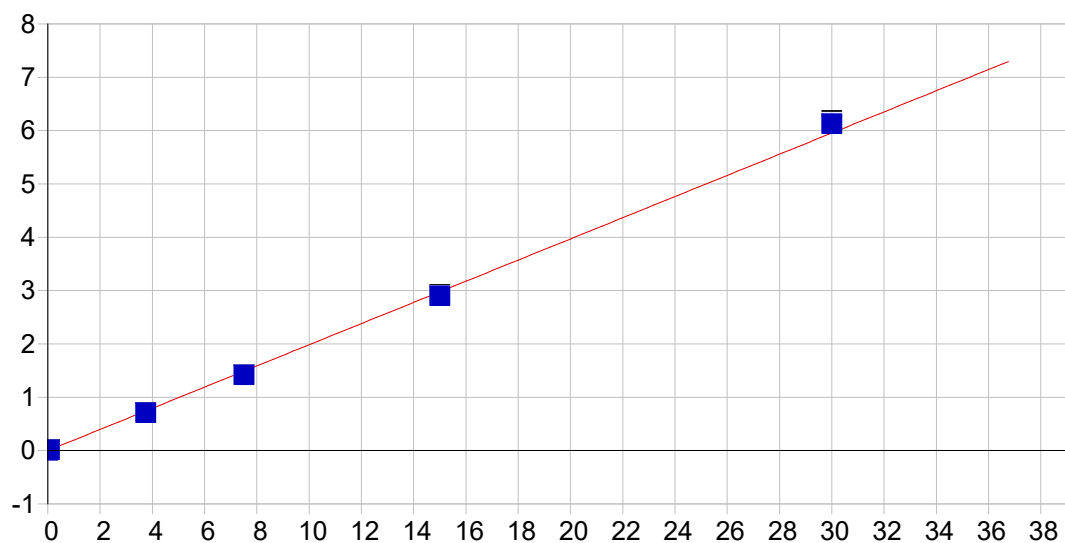


V 292.402 {115}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000101	Re-Slope:	1.000000
A1 (Gain):	0.114156	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999782	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.003491		
Predicted MQL:	0.011638		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00010	.000	1
S1	.05000	.05485	.005	9.69	.00635	.000	1
S2	.62500	.64959	.025	3.94	.07084	.000	1
S3	1.2500	1.2815	.031	2.52	.13955	.001	1
S4	2.5000	2.5203	.020	.811	.27413	.002	1
S5	5.0000	4.9186	-.081	-1.63	.53422	.003	1

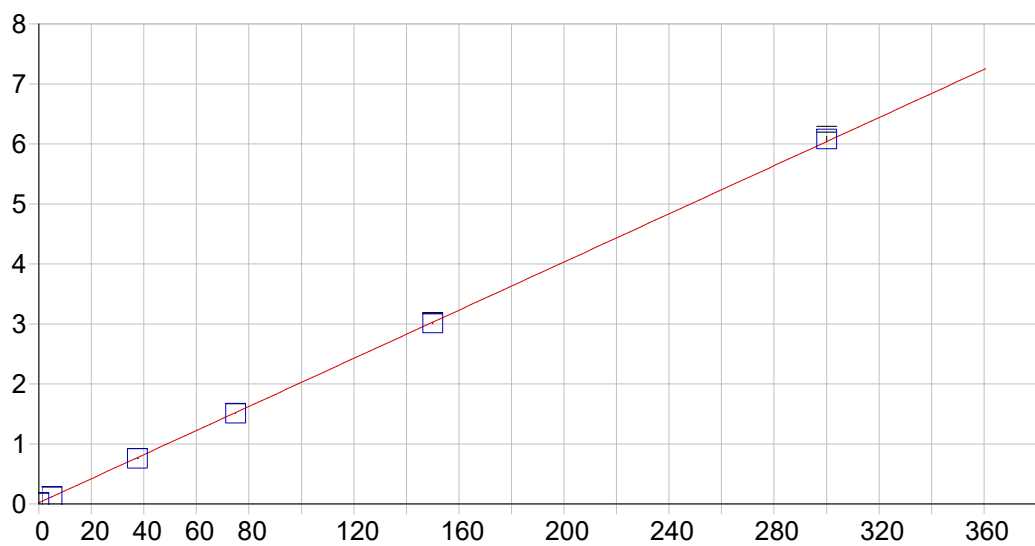


Zn 213.856 {158}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000759	Re-Slope:	1.000000
A1 (Gain):	0.198486	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999433	Status:	OK.
Std Error of Est:	0.000477		
Predicted MDL:	0.003143		
Predicted MQL:	0.010476		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00076	.001	1
S1	.06000	.07526	.015	25.4	.01421	.000	1
S2	3.7500	3.5674	-.183	-4.87	.70853	.003	1
S3	7.5000	7.1570	-.343	-4.57	1.4222	.003	1
S4	15.000	14.623	-.377	-2.51	2.9066	.017	1
S5	30.000	30.887	.887	2.96	6.1396	.046	1

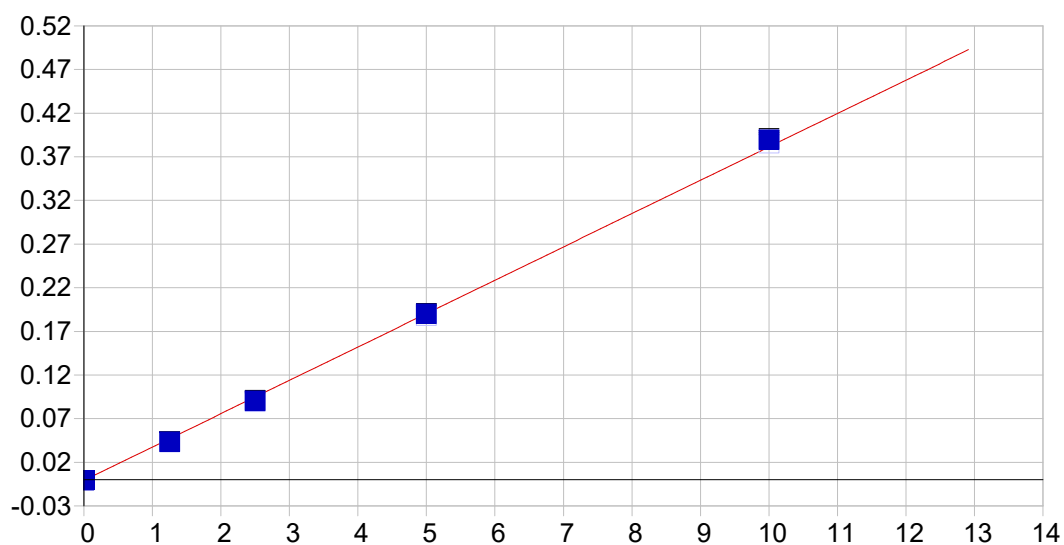


K 769.896 { 44 }

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.018821	Re-Slope:	1.000000
A1 (Gain):	0.020064	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000364		
Predicted MDL:	0.087471		
Predicted MQL:	0.291569		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01882	.003	1
S1	5.0000	5.1671	.167	3.34	.12249	.003	1
S2	37.500	36.859	-.641	-1.71	.75835	.001	1
S3	75.000	74.161	-.839	-1.12	1.5068	.001	1
S4	150.00	149.25	-.749	-.499	3.0134	.012	1
S5	300.00	302.06	2.06	.688	6.0794	.048	1

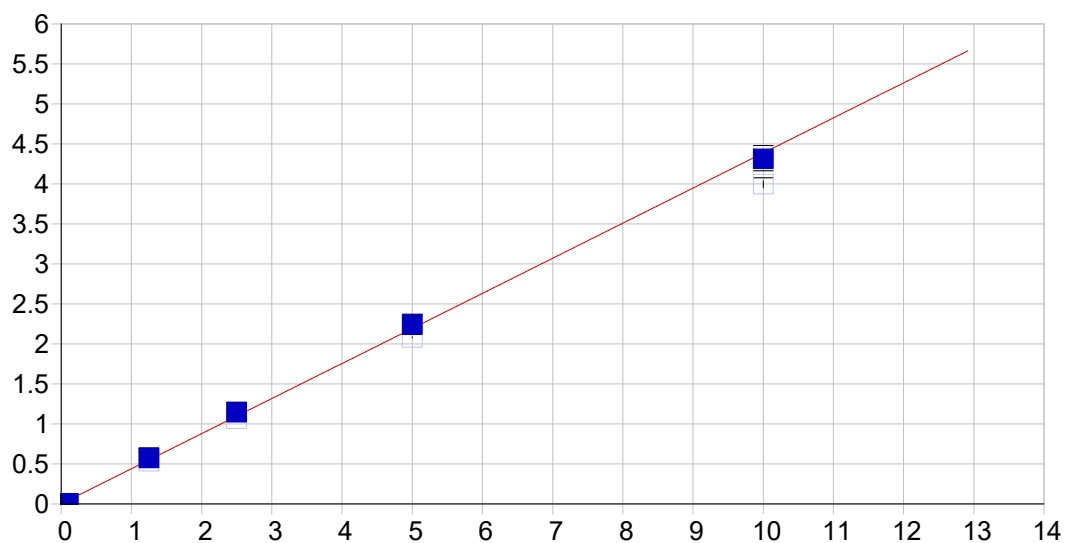


P 177.495 {490}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000755 Re-Slope: 1.000000
 A1 (Gain): 0.038215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999518 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002590
 Predicted MQL: 0.008633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00075	.000	1
S1	.01000	.01223	.002	22.3	-.00029	.000	1
S2	1.2500	1.1570	-.093	-7.44	.04293	.000	1
S3	2.5000	2.3813	-.119	-4.75	.08918	.001	1
S4	5.0000	4.9945	-.006	-.111	.18797	.000	1
S5	10.000	10.215	.215	2.15	.38533	.001	1

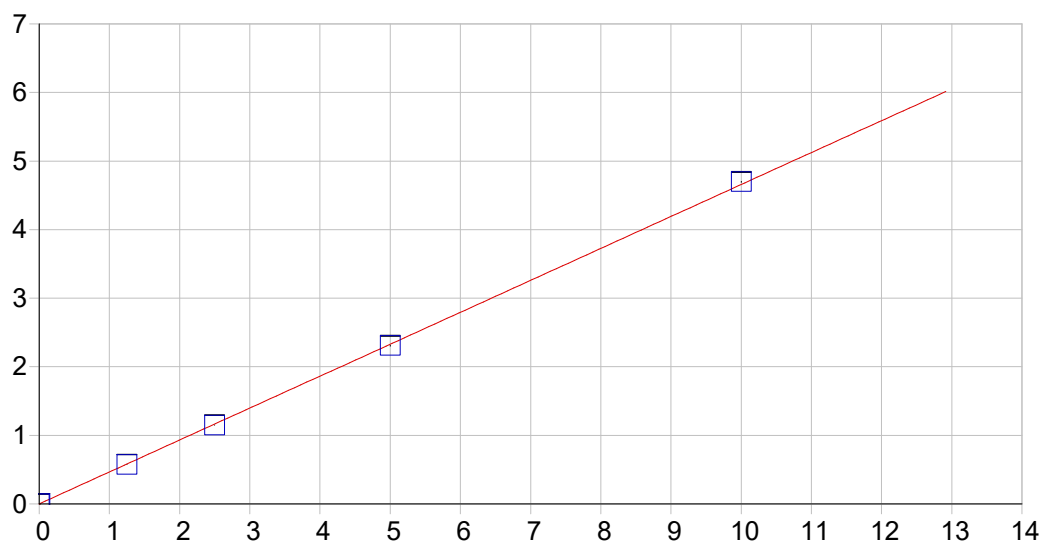


B 249.678 {135}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001079 Re-Slope: 1.000000
 A1 (Gain): 0.438482 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997258 Status: OK.
 Std Error of Est: 0.001604
 Predicted MDL: 0.001101
 Predicted MQL: 0.003670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00111	.000	1
S1	.10000	.01162	-.088	-88.4	.00608	.000	1
S2	1.2500	1.2994	.049	3.95	.53105	.006	1
S3	2.5000	2.6023	.102	4.09	1.0626	.007	1
S4	5.0000	5.1077	.108	2.15	2.0816	.006	1
S5	10.000	9.8357	-.164	-1.64	3.9956	.044	1

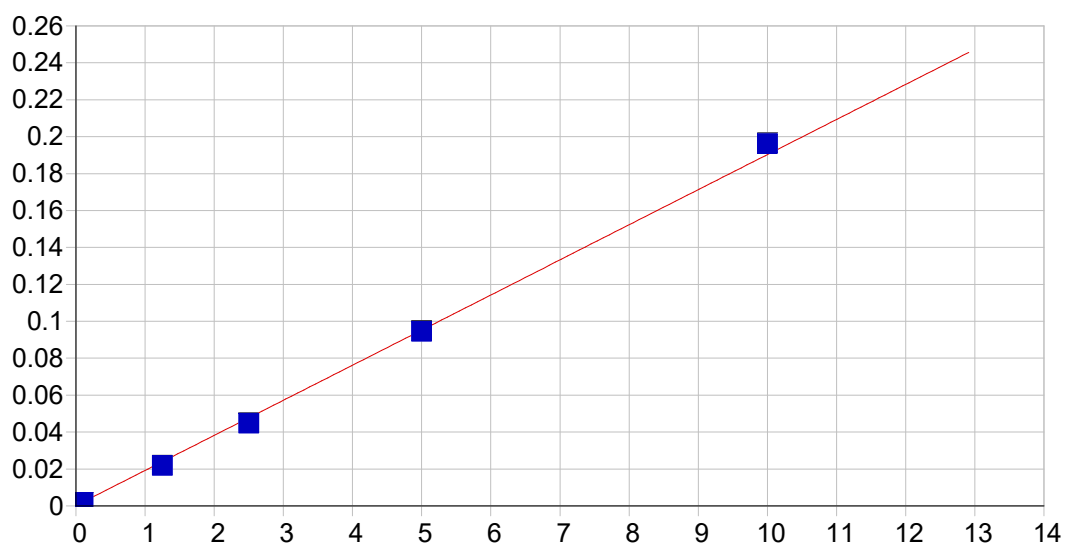


Mo 202.030 {467}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000204	Re-Slope:	1.000000
A1 (Gain):	0.465708	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.000350		
Predicted MQL:	0.001167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.01000	.01036	.000	3.55	.00503	.000	1
S2	1.2500	1.2369	-.013	-1.05	.57625	.001	1
S3	2.5000	2.4687	-.031	-1.25	1.1499	.002	1
S4	5.0000	4.9554	-.045	-.893	2.3080	.007	1
S5	10.000	10.089	.089	.887	4.6986	.007	1

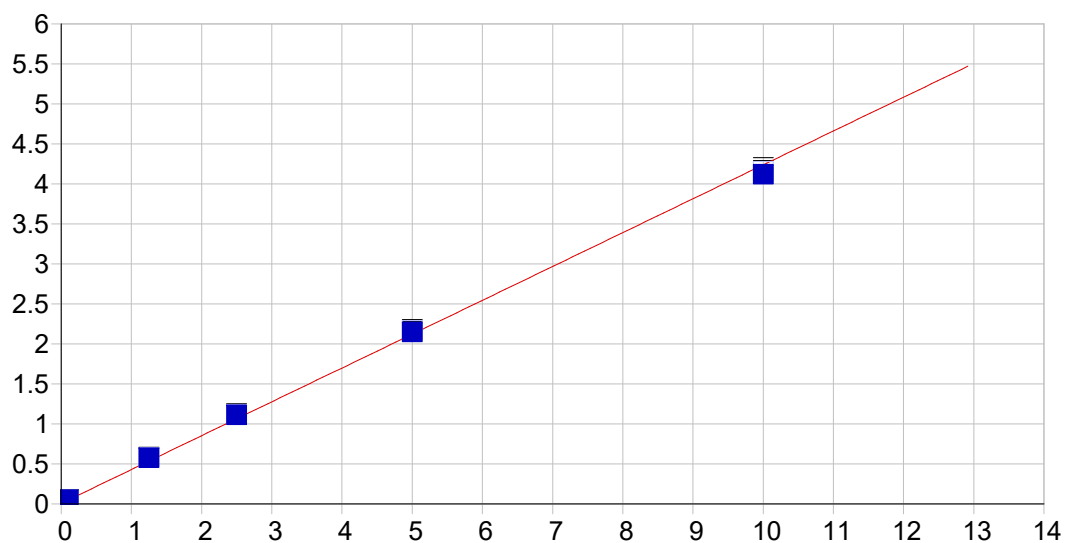


S 182.034 {485}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000181 Re-Slope: 1.000000
 A1 (Gain): 0.019012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999222 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.005077
 Predicted MQL: 0.016924

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00018	.000	1
S1	.10000	.09593	-.004	-4.07	.00200	.000	1
S2	1.2500	1.1396	-.110	-8.83	.02190	.000	1
S3	2.5000	2.3453	-.155	-6.19	.04487	.000	1
S4	5.0000	4.9587	-.041	-.826	.09465	.000	1
S5	10.000	10.310	.310	3.10	.19660	.000	1

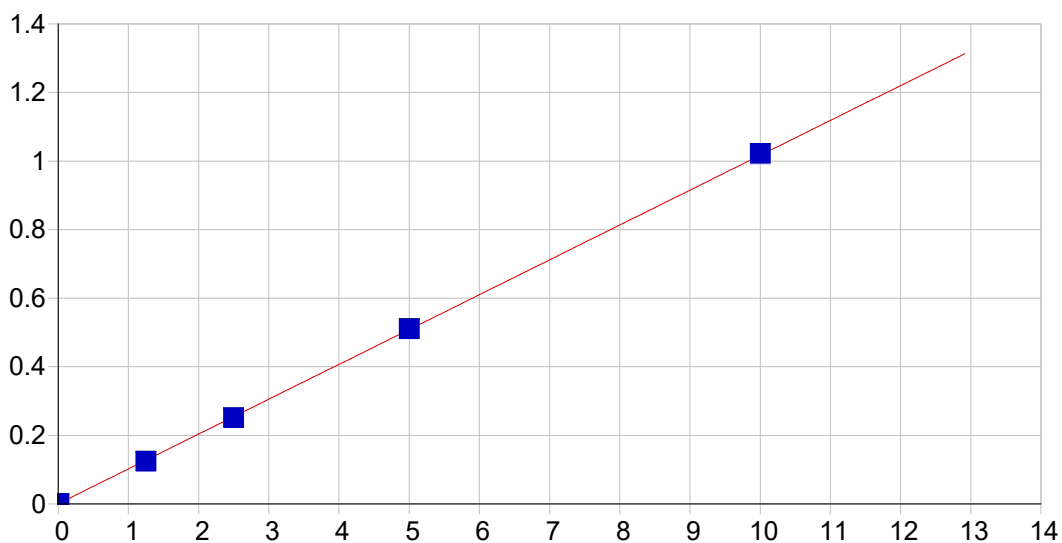


Si 251.611 {134}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006475 Re-Slope: 1.000000
 A1 (Gain): 0.423097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999460 Status: OK.
 Std Error of Est: 0.000746
 Predicted MDL: 0.001149
 Predicted MQL: 0.003831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00647	.000	1
S1	.10000	.10741	.007	7.41	.05207	.000	1
S2	1.2500	1.3416	.092	7.33	.57879	.006	1
S3	2.5000	2.6114	.111	4.46	1.1207	.009	1
S4	5.0000	5.0660	.066	1.32	2.1686	.010	1
S5	10.000	9.7236	-.276	-2.76	4.1579	.048	1

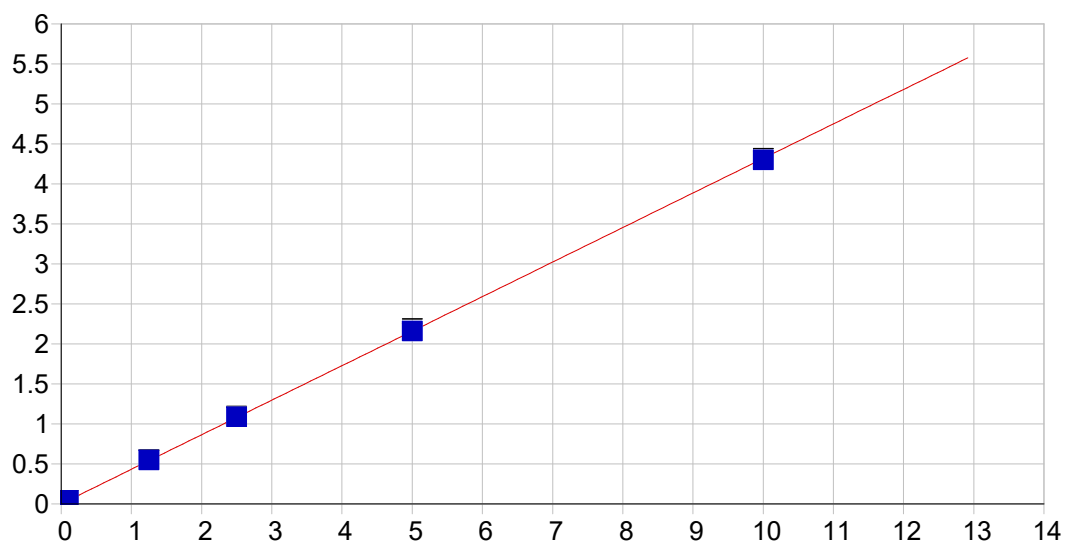


Sn 189.989 {478}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000477	Re-Slope:	1.000000
A1 (Gain):	0.101626	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999956	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.001067		
Predicted MQL:	0.003557		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.00700	.00599	-.001	-14.4	.00107	.000	1
S2	1.2500	1.2191	-.031	-2.47	.12411	.000	1
S3	2.5000	2.4669	-.033	-1.32	.25065	.001	1
S4	5.0000	5.0175	.017	.349	.50933	.001	1
S5	10.000	10.047	.047	.475	1.0195	.000	1

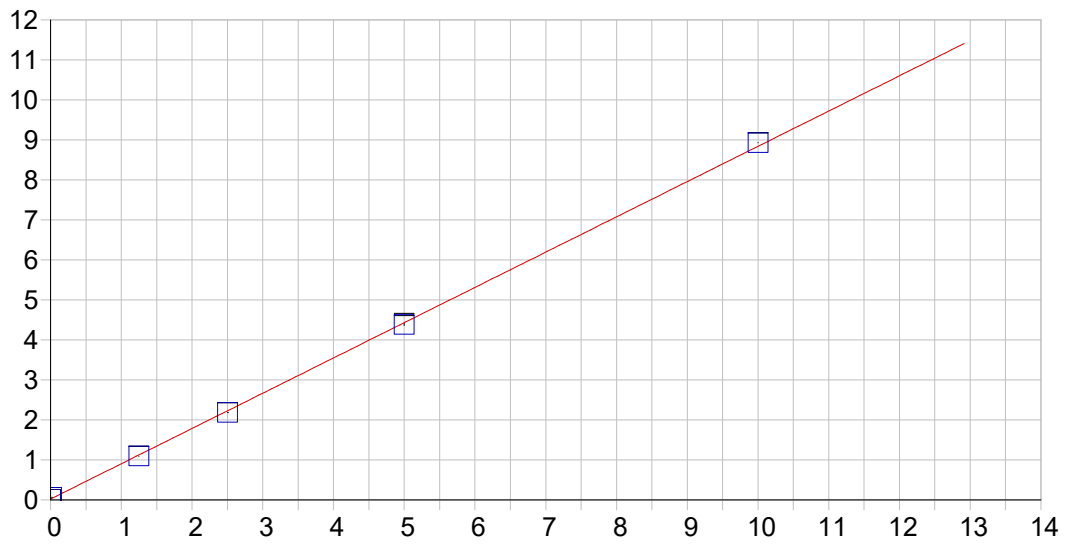


Ti 336.121 {100}

Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001184 Re-Slope: 1.000000
 A1 (Gain): 0.431671 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.001415
 Predicted MQL: 0.004717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00118	.001	1
S1	.10000	.10174	.002	1.74	.04509	.000	1
S2	1.2500	1.2679	.018	1.43	.54831	.003	1
S3	2.5000	2.5195	.020	.782	1.0884	.006	1
S4	5.0000	5.0046	.005	.091	2.1608	.027	1
S5	10.000	9.9562	-.044	-.438	4.2975	.019	1

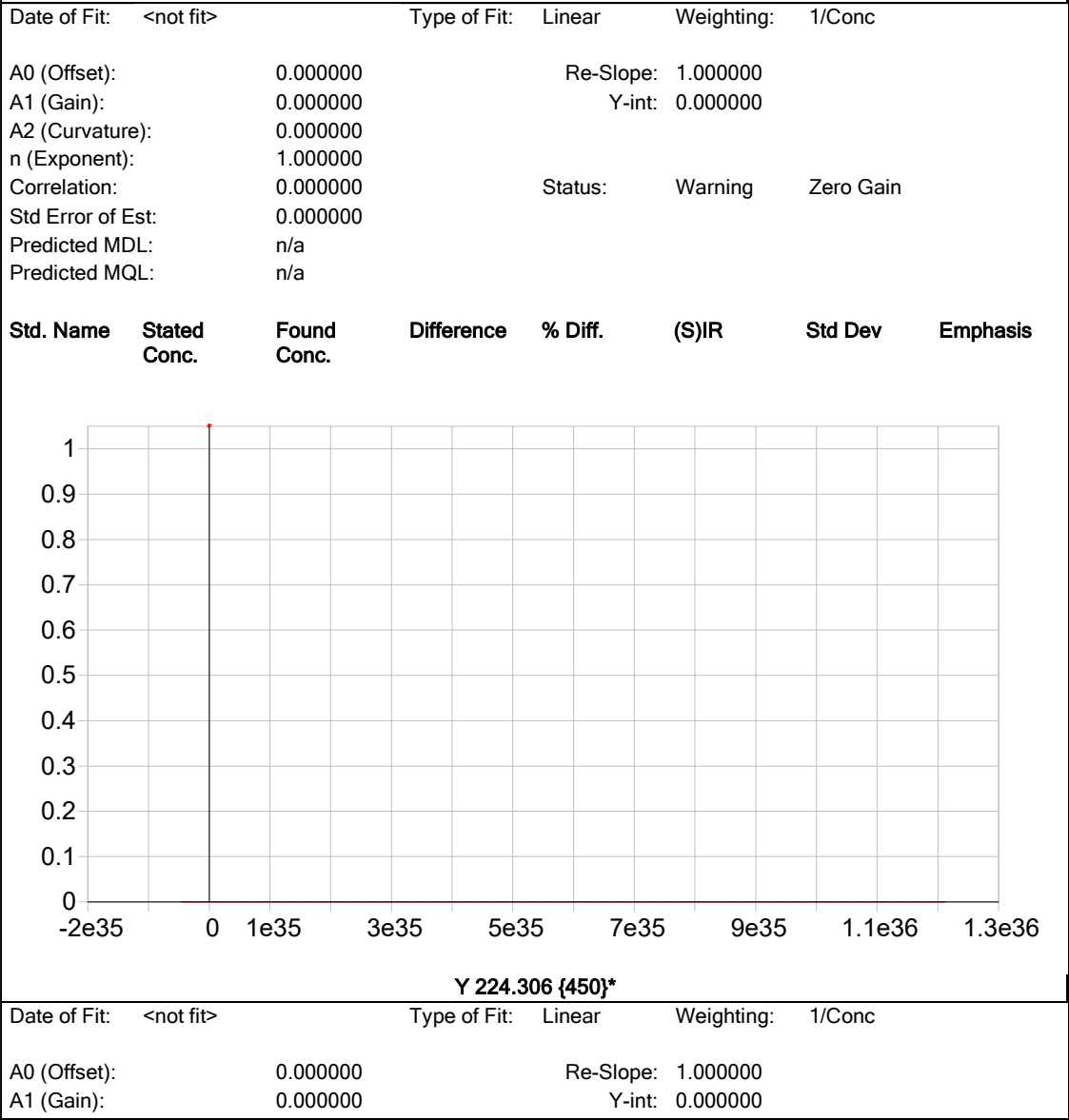
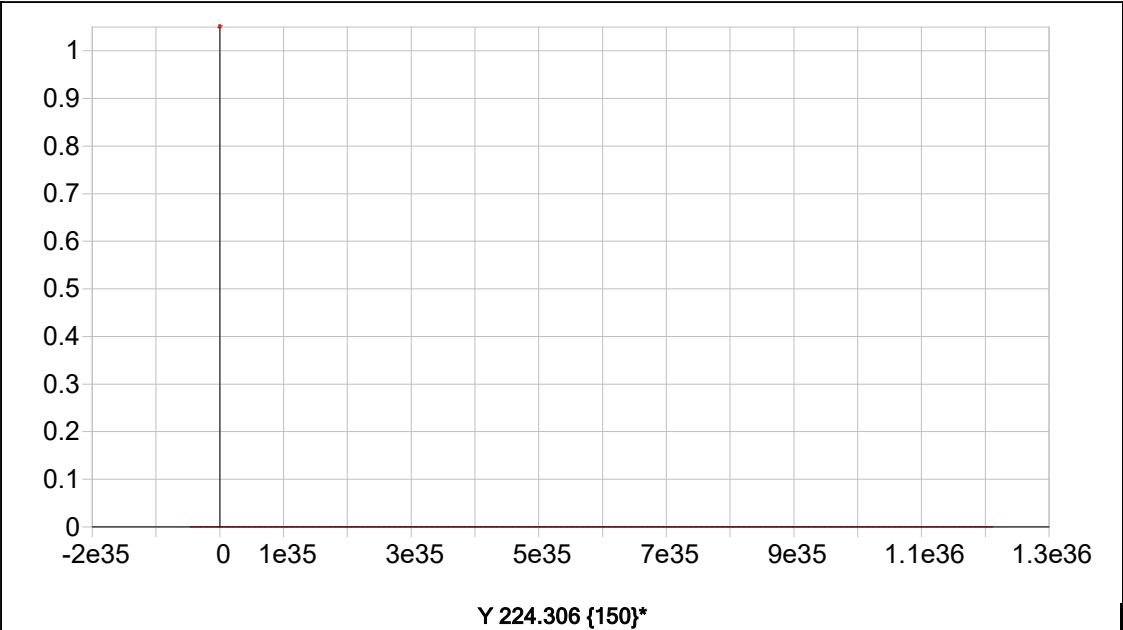


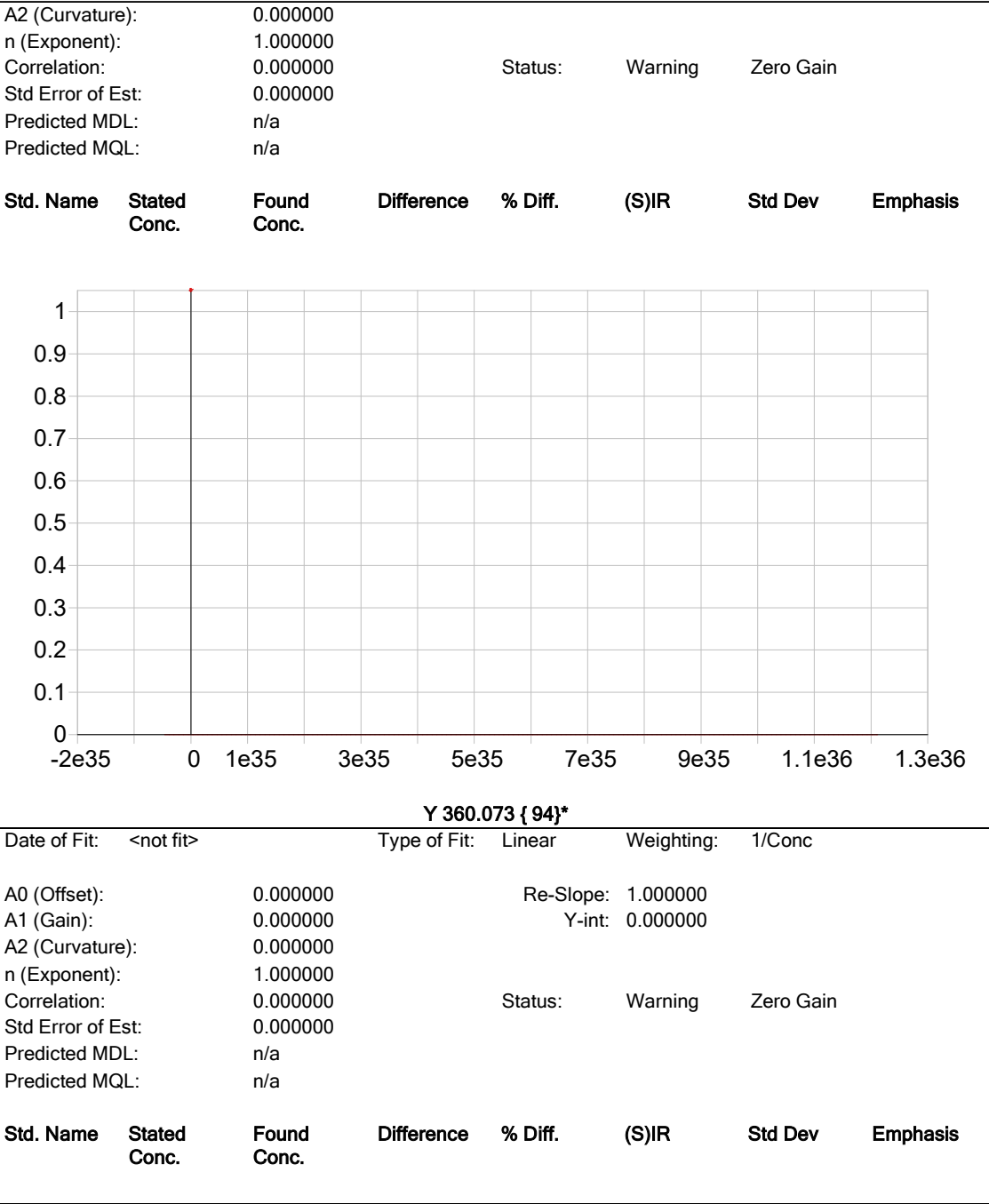
Li 670.784 { 50}

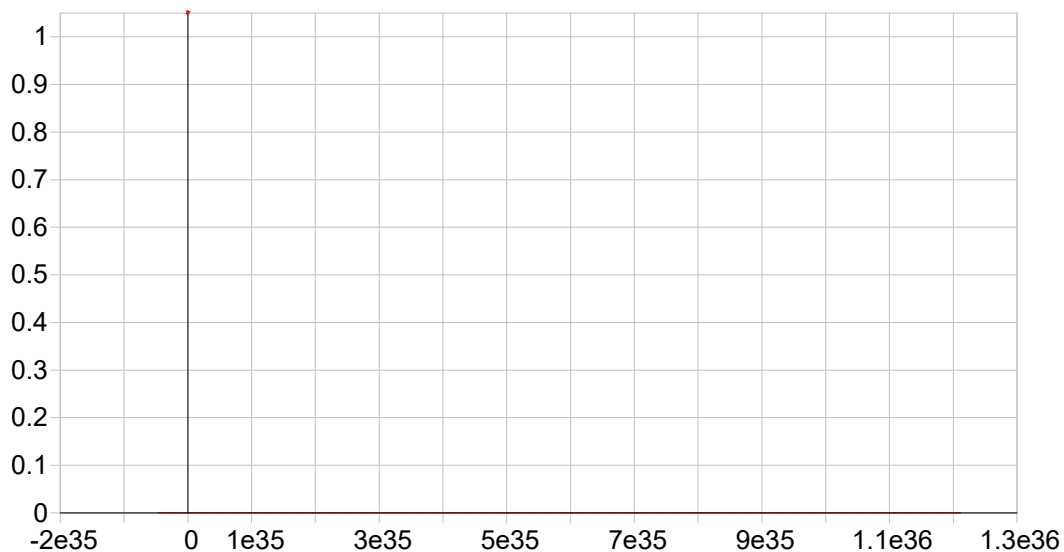
Date of Fit: 11/28/2019 0:42:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022596 Re-Slope: 1.000000
 A1 (Gain): 0.881732 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998150 Status: OK.
 Std Error of Est: 0.001103
 Predicted MDL: 0.001953
 Predicted MQL: 0.006509

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02257	.001	1
S5	10.000	10.104	.104	1.04	8.9319	.007	1
S4	5.0000	4.9508	-.049	-.984	4.3879	.030	1
S3	2.5000	2.4498	-.050	-2.01	2.1827	.002	1
S2	1.2500	1.2136	-.036	-2.91	1.0927	.003	1
S1	.01500	.04644	.031	210.	.06355	.001	1



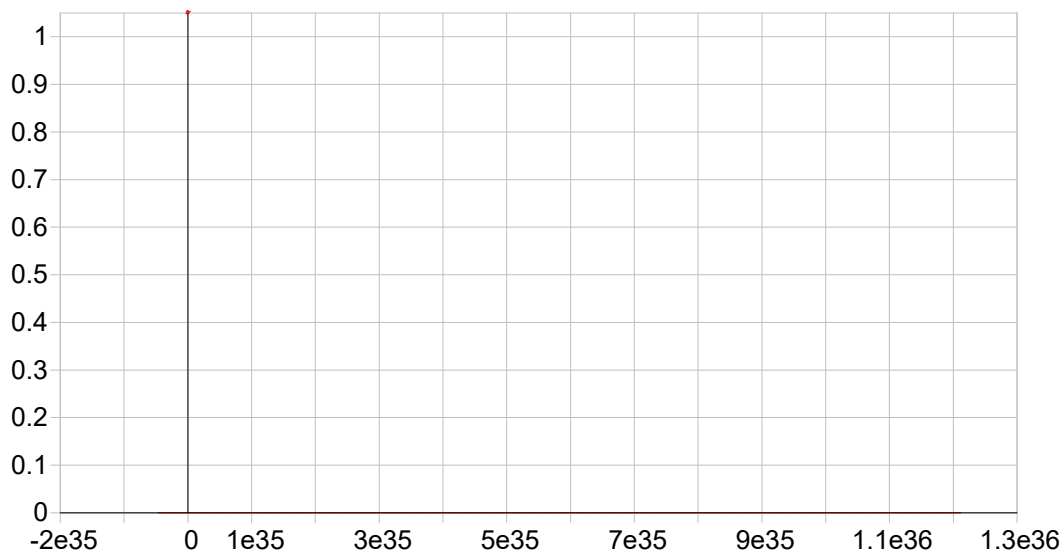




Y 371.030 { 91}*

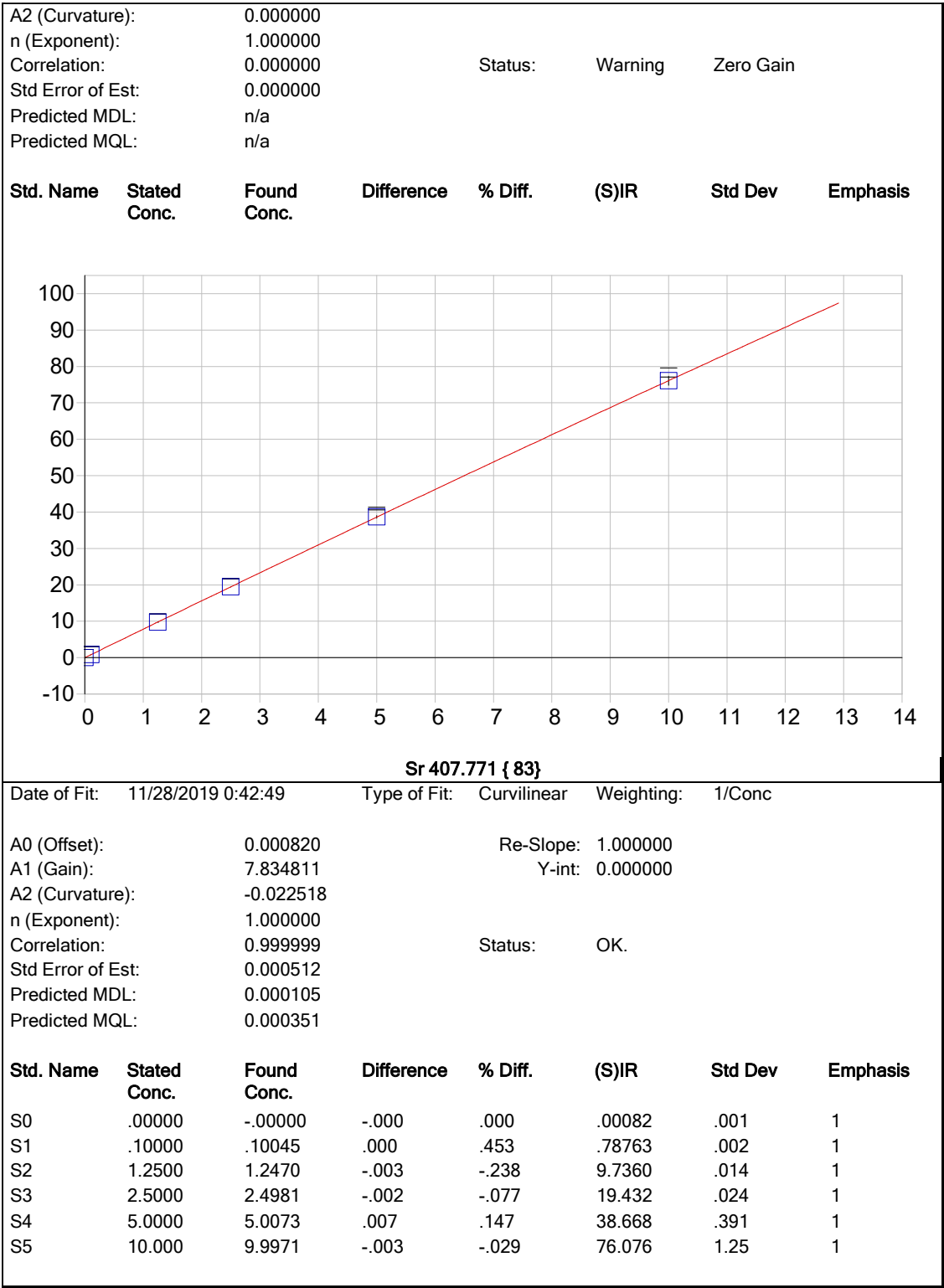
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 11/27/2019 10:57:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00015	-.00056	.00039	.00030	.00038	.00331	.02018	-.00092
Stddev	.00015	.00014	.00004	.00011	.00013	.00083	.00091	.00018
%RSD	97.019	24.708	11.311	37.830	34.149	25.086	4.5027	19.597

#1	-.00016	-.00072	.00034	.00020	.00038	.00235	.01938	-.00086
#2	-.00029	-.00048	.00041	.00042	.00051	.00383	.02117	-.00078
#3	.00000	-.00048	.00042	.00028	.00025	.00376	.01998	-.00113

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	.00014	.00056	.00003	.00017	.00331	.00012	.00021	-.00033
Stddev	.00018	.00040	.00007	.00013	.00021	.00019	.00037	.00011
%RSD	125.94	70.630	233.30	74.106	6.4618	158.36	178.54	33.784

#1	.00019	.00064	.00010	.00030	.00355	.00025	-.00006	-.00024
#2	-.00005	.00013	-.00004	.00005	.00318	.00022	.00063	-.00045
#3	.00030	.00092	.00002	.00016	.00319	-.00010	.00005	-.00029

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	-.00105	-.00094	-.00568	.00010	-.00076	.01882	-.00075	.00111
Stddev	.00017	.00012	.00055	.00013	.00051	.00254	.00007	.00010
%RSD	16.320	12.901	9.7081	133.33	67.153	13.481	9.6491	9.1634

#1	-.00118	-.00103	-.00522	.00009	-.00039	.01805	-.00073	.00104
#2	-.00085	-.00098	-.00629	.00024	-.00055	.02165	-.00070	.00107
#3	-.00111	-.00080	-.00552	-.00003	-.00134	.01676	-.00084	.00123

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	.00020	.00018	.00647	.00048	.00118	.02257	.00082	
Stddev	.00016	.00006	.00015	.00006	.00059	.00147	.00088	
%RSD	78.528	31.941	2.2678	12.059	50.267	6.4998	107.78	

#1	.00009	.00012	.00634	.00048	.00104	.02358	.00173	
#2	.00014	.00024	.00644	.00053	.00067	.02324	-.00003	
#3	.00039	.00018	.00663	.00042	.00184	.02089	.00076	

Sample Name: S0 Acquired: 11/27/2019 10:57:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	1668.7	3649.3	49347.	6892.0	4262.3
Stddev	15.5	8.2	360.	25.5	7.4
%RSD	.92915	.22368	.72997	.36945	.17270
#1	1665.0	3654.0	48935.	6887.0	4270.8
#2	1685.7	3639.9	49599.	6869.4	4258.8
#3	1655.3	3654.0	49508.	6919.6	4257.4

Sample Name: S1 Acquired: 11/27/2019 11:01:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00014	.00107	.00234	.00173	.00832	.02130	.81684	.02989
Stddev	.00013	.00003	.00007	.00012	.00015	.00089	.00684	.00043
%RSD	91.913	3.2322	3.2100	6.7826	1.8592	4.1743	.83772	1.4515

#1	.00014	.00110	.00234	.00183	.00815	.02222	.82293	.03022
#2	.00001	.00107	.00241	.00174	.00844	.02124	.80944	.03004
#3	.00027	.00103	.00226	.00160	.00839	.02045	.81816	.02940

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	.01167	.35317	.00183	.03242	.00787	.00285	.01048	.04825
Stddev	.00008	.00133	.00004	.00018	.00008	.00012	.00040	.00046
%RSD	.64592	.37745	2.2788	.54705	.98308	4.0422	3.8368	.94559

#1	.01160	.35218	.00181	.03246	.00796	.00297	.01007	.04780
#2	.01175	.35264	.00188	.03222	.00781	.00274	.01049	.04823
#3	.01166	.35469	.00181	.03257	.00784	.00285	.01087	.04871

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	.02434	.00245	.01941	.00635	.01421	.12249	-.00029	.00608
Stddev	.00009	.00008	.00100	.00041	.00043	.00272	.00008	.00049
%RSD	.36362	3.1874	5.1573	6.5118	3.0332	2.2238	27.799	8.0757

#1	.02444	.00252	.01859	.00623	.01431	.12376	-.00032	.00586
#2	.02430	.00236	.01910	.00681	.01459	.11937	-.00020	.00574
#3	.02428	.00246	.02052	.00601	.01374	.12435	-.00035	.00665

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	.00503	.00200	.05207	.00107	.04509	.06355	.78763	
Stddev	.00005	.00006	.00036	.00009	.00048	.00097	.00208	
%RSD	1.0269	3.2371	.69092	8.7877	1.0592	1.5201	.26409	

#1	.00507	.00199	.05205	.00099	.04471	.06466	.78777	
#2	.00497	.00208	.05244	.00104	.04494	.06304	.78963	
#3	.00504	.00195	.05172	.00117	.04563	.06294	.78548	

Sample Name: S1 Acquired: 11/27/2019 11:01:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	1714.8	3707.5	50719.	7014.5	4322.4
Stddev	13.4	6.5	382.	48.0	3.6
%RSD	.78056	.17610	.75308	.68399	.08415
#1	1701.0	3703.8	50387.	6979.9	4319.3
#2	1727.7	3703.7	51137.	7069.2	4321.4
#3	1715.6	3715.0	50634.	6994.3	4326.4

Sample Name: S2 Acquired: 11/27/2019 11:05:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	.03991	.07837	1.1236	.04224	.14743	3.2542	9.6509	.67631
Stddev	.00010	.00007	.0019	.00016	.00034	.0223	.0307	.00710
%RSD	.24040	.09516	.17386	.37039	.22972	.68615	.31838	1.0493

#1	.03980	.07829	1.1217	.04218	.14731	3.2337	9.6520	.68357
#2	.03996	.07838	1.1234	.04212	.14781	3.2508	9.6196	.67596
#3	.03997	.07843	1.1256	.04242	.14717	3.2780	9.6810	.66939

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	1.3228	4.1723	.61294	.38688	.60590	.94748	2.3000	.56858
Stddev	.0012	.0155	.00301	.00043	.00393	.00451	.0094	.00383
%RSD	.08906	.37049	.49032	.11042	.64781	.47639	.40756	.67296

#1	1.3215	4.1687	.61603	.38641	.60240	.94539	2.3023	.56668
#2	1.3233	4.1590	.61003	.38724	.60516	.94438	2.2897	.56607
#3	1.3237	4.1892	.61276	.38698	.61015	.95266	2.3080	.57298

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	.36761	.09050	.17846	.07084	.70853	.75835	.04293	.53105
Stddev	.00155	.00088	.00092	.00046	.00338	.00132	.00026	.00601
%RSD	.42083	.97520	.51540	.65083	.47665	.17418	.61158	1.1326

#1	.36605	.09152	.17844	.07047	.70781	.75725	.04266	.53799
#2	.36765	.08994	.17755	.07068	.71221	.75799	.04293	.52726
#3	.36914	.09004	.17939	.07135	.70557	.75981	.04318	.52792

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	.57625	.02190	.57879	.12411	.54831	1.0927	9.7360
Stddev	.00057	.00005	.00644	.00021	.00285	.0028	.0140
%RSD	.09923	.24781	1.1125	.16990	.51973	.25310	.14376

#1	.57560	.02194	.58599	.12395	.54996	1.0933	9.7500
#2	.57669	.02191	.57680	.12404	.54996	1.0897	9.7361
#3	.57646	.02184	.57359	.12435	.54502	1.0951	9.7220

Sample Name: S2 Acquired: 11/27/2019 11:05:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	1674.3	3551.0	51106.	7130.6	4073.5
Stddev	11.4	4.4	132.	31.2	7.8
%RSD	.68210	.12328	.25830	.43788	.19026
#1	1664.6	3554.8	51016.	7130.6	4079.3
#2	1671.5	3552.1	51257.	7161.8	4076.5
#3	1686.9	3546.2	51044.	7099.3	4064.7

Sample Name: S3 Acquired: 11/27/2019 11:09:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	.08110	.15602	2.2720	.08425	.29533	6.5063	19.294	1.3286
Stddev	.00033	.00059	.0107	.00058	.00069	.0213	.008	.0131
%RSD	.40893	.37569	.47078	.68529	.23413	.32793	.04339	.98577

#1	.08082	.15545	2.2613	.08383	.29549	6.4836	19.302	1.3395
#2	.08102	.15601	2.2720	.08401	.29457	6.5260	19.294	1.3141
#3	.08147	.15662	2.2827	.08491	.29592	6.5094	19.285	1.3322

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6558	8.2656	1.2120	.78100	1.1932	1.8570	4.5162	1.1309
Stddev	.0072	.0068	.0016	.00199	.0031	.0099	.0145	.0043
%RSD	.27082	.08187	.13288	.25522	.25542	.53198	.32072	.37885

#1	2.6488	8.2578	1.2105	.77944	1.1898	1.8470	4.5089	1.1261
#2	2.6555	8.2694	1.2137	.78032	1.1944	1.8571	4.5069	1.1320
#3	2.6632	8.2696	1.2118	.78324	1.1955	1.8668	4.5329	1.1344

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	.73818	.18191	.35936	.13955	1.4222	1.5068	.08918	1.0626
Stddev	.00106	.00063	.00062	.00059	.0031	.0008	.00093	.0071
%RSD	.14405	.34700	.17151	.42199	.21578	.04995	1.0466	.67145

#1	.73701	.18248	.35920	.13955	1.4231	1.5072	.08816	1.0661
#2	.73845	.18123	.35884	.14013	1.4188	1.5059	.08938	1.0544
#3	.73909	.18201	.36004	.13896	1.4248	1.5072	.08999	1.0673

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	1.1499	.04487	1.1207	.25065	1.0884	2.1827	19.432
Stddev	.0021	.00020	.0089	.00094	.0057	.0024	.024
%RSD	.18484	.43588	.79611	.37410	.52618	.11226	.12547

#1	1.1476	.04464	1.1269	.24957	1.0940	2.1855	19.459
#2	1.1503	.04499	1.1105	.25128	1.0826	2.1811	19.412
#3	1.1518	.04497	1.1248	.25110	1.0886	2.1815	19.425

Sample Name: S3 Acquired: 11/27/2019 11:09:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	1635.7	3456.9	50675.	7091.3	3883.3
Stddev	16.9	9.4	308.	43.7	11.9
%RSD	1.0340	.27100	.60845	.61686	.30540
#1	1617.6	3456.9	50400.	7047.2	3888.8
#2	1638.5	3466.3	50617.	7092.1	3891.4
#3	1651.0	3447.6	51009.	7134.7	3869.7

Sample Name: S4 Acquired: 11/27/2019 11:13:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	.16679	.31227	4.6366	.17029	.59990	13.103	38.464	2.5809
Stddev	.00067	.00063	.0109	.00061	.00144	.056	.058	.0088
%RSD	.39917	.20290	.23427	.35649	.24060	.42780	.15079	.33901

#1	.16668	.31169	4.6243	.17057	.59935	13.164	38.402	2.5886
#2	.16618	.31295	4.6409	.16959	.59881	13.093	38.516	2.5714
#3	.16750	.31216	4.6447	.17070	.60153	13.053	38.475	2.5827

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	5.3215	16.495	2.3799	1.5709	2.3442	3.6277	8.8453	2.2565
Stddev	.0116	.049	.0017	.0022	.0101	.0104	.0095	.0024
%RSD	.21815	.29982	.07142	.14119	.42997	.28620	.10775	.10837

#1	5.3082	16.438	2.3783	1.5686	2.3556	3.6383	8.8350	2.2591
#2	5.3299	16.528	2.3796	1.5711	2.3405	3.6273	8.8470	2.2563
#3	5.3263	16.518	2.3817	1.5730	2.3365	3.6176	8.8539	2.2542

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	1.4800	.36745	.72615	.27413	2.9066	3.0134	.18797	2.0816
Stddev	.0026	.00254	.00057	.00188	.0171	.0115	.00014	.0063
%RSD	.17316	.69200	.07810	.68443	.58998	.38197	.07345	.30092

#1	1.4770	.37010	.72549	.27516	2.9254	3.0262	.18787	2.0877
#2	1.4816	.36723	.72642	.27526	2.9027	3.0039	.18791	2.0751
#3	1.4813	.36503	.72652	.27196	2.8918	3.0100	.18813	2.0820

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	2.3080	.09465	2.1686	.50933	2.1608	4.3879	38.668
Stddev	.0066	.00025	.0103	.00143	.0266	.0299	.391
%RSD	.28573	.26261	.47248	.27985	1.2324	.68090	1.0114

#1	2.3054	.09447	2.1794	.50772	2.1348	4.3542	38.225
#2	2.3030	.09494	2.1590	.51043	2.1595	4.3981	38.810
#3	2.3154	.09456	2.1675	.50985	2.1880	4.4113	38.967

Sample Name: S4 Acquired: 11/27/2019 11:13:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	1566.9	3299.5	49756.	7107.7	3645.3
Stddev	3.8	5.7	163.	14.5	8.0
%RSD	.24347	.17373	.32858	.20385	.21898
#1	1562.8	3301.9	49729.	7111.8	3653.2
#2	1570.3	3303.5	49608.	7119.8	3637.3
#3	1567.7	3292.9	49932.	7091.6	3645.5

Sample Name: S5 Acquired: 11/27/2019 11:17:22 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	.34732	.60904	9.3441	.34511	1.2476	26.206	75.315	4.9931
Stddev	.00060	.00267	.0111	.00032	.0010	.147	.769	.0781
%RSD	.17198	.43906	.11893	.09411	.07631	.55911	1.0209	1.5636

#1	.34690	.61019	9.3549	.34541	1.2476	26.041	74.879	5.0267
#2	.34706	.61095	9.3447	.34515	1.2466	26.254	74.862	4.9039
#3	.34800	.60598	9.3327	.34477	1.2485	26.322	76.202	5.0488

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	10.541	32.550	4.6339	3.1415	4.6151	7.0450	17.294	4.5054
Stddev	.003	.102	.0018	.0020	.0398	.0450	.076	.0213
%RSD	.03303	.31187	.03961	.06365	.86262	.63890	.43717	.47215

#1	10.545	32.453	4.6319	3.1427	4.5692	6.9969	17.216	4.4834
#2	10.538	32.542	4.6343	3.1392	4.6406	7.0518	17.299	4.5069
#3	10.539	32.656	4.6355	3.1425	4.6354	7.0861	17.367	4.5258

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9532	.74989	1.4498	.53422	6.1396	6.0794	.38533	3.9956
Stddev	.0016	.00374	.0088	.00317	.0458	.0482	.00133	.0438
%RSD	.05293	.49833	.60432	.59399	.74569	.79305	.34573	1.0960

#1	2.9535	.74858	1.4423	.53059	6.1325	6.0261	.38650	3.9993
#2	2.9546	.75410	1.4478	.53647	6.1885	6.0922	.38561	3.9501
#3	2.9515	.74698	1.4595	.53560	6.0978	6.1199	.38388	4.0374

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6986	.19660	4.1579	1.0195	4.2975	8.9319	76.076
Stddev	.0066	.00012	.0480	.0002	.0193	.0071	1.253
%RSD	.14023	.06177	1.1539	.02204	.44823	.07994	1.6474

#1	4.6944	.19646	4.1681	1.0196	4.3197	8.9263	74.629
#2	4.6952	.19667	4.1057	1.0195	4.2852	8.9293	76.839
#3	4.7062	.19667	4.2000	1.0192	4.2876	8.9399	76.759

Sample Name: S5 Acquired: 11/27/2019 11:17:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	1434.7	3044.3	47859.	7041.0	3369.5
Stddev	9.1	9.5	487.	39.9	6.1
%RSD	.63159	.31233	1.0170	.56640	.18002
#1	1431.0	3053.8	48156.	7073.0	3376.5
#2	1428.1	3044.5	47297.	7053.6	3366.3
#3	1445.1	3034.8	48124.	6996.3	3365.6

Sample Name: S6 Acquired: 11/27/2019 11:21:25 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	70.772	53.942	19.269	7.5415	4.1646
Stddev	1.129	.746	.076	.0231	.0133
%RSD	1.5950	1.3826	.39466	.30675	.31998

#1	71.981	54.495	19.184	7.5164	4.1548
#2	70.588	53.093	19.292	7.5462	4.1593
#3	69.746	54.237	19.331	7.5619	4.1798

Int. Std.	Y_3710
Units	Cts/S
Avg	6840.2
Stddev	29.9
%RSD	.43769

#1	6808.1
#2	6867.3
#3	6845.4

Sample Name: ICV Acquired: 11/27/2019 11:25:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) 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	.9524281	1.065195	.9693822	1.003524	.9789720	2.312127
Stddev	.0021058	.004393	.0022409	.003999	.0019957	.009762
%RSD	.2210951	.4124389	.2311666	.3984771	.2038612	.4222093

#1	.9510408	1.061138	.9706597	.999656	.9777596	2.309001
#2	.9513922	1.069861	.9667947	1.003272	.9778809	2.323070
#3	.9548511	1.064586	.9706921	1.007642	.9812754	2.304312

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5021138	.5074215	.4937709	10.12937	.5282874	.4886153
Stddev	.0006448	.0042289	.0008985	.02661	.0008872	.0012372
%RSD	.1284233	.8334138	.1819679	.2626954	.1679406	.2532040

#1	.5027303	.5031948	.4927563	10.14590	.5287627	.4872277
#2	.5021673	.5074171	.4940908	10.14353	.5288357	.4896034
#3	.5014439	.5116526	.4944658	10.09867	.5272638	.4890147

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4755237	4.738068	.5024400	5.851383	.5019686	.4803568
Stddev	.0009848	.009341	.0013685	.023981	.0008122	.0019357
%RSD	.2070889	.1971522	.2723726	.4098268	.1618028	.4029798

#1	.4745022	4.733213	.5024105	5.853297	.5015580	.4802630
#2	.4756018	4.748837	.5010865	5.874350	.5029042	.4784696
#3	.4764670	4.732155	.5038231	5.826503	.5014438	.4823377

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.593932	.5037914	1.089293	9.409477	F .7238514	F 1.192523
Stddev	.142974	.0015585	.005146	.092464	.0042614	.004214
%RSD	1.490255	.3093545	.4724077	.9826671	.5887089	.3533841

#1	9.464177	.5023100	1.083455	9.407813	.7203912	1.190496
#2	9.747208	.5054170	1.093169	9.502761	.7225518	1.189705
#3	9.570412	.5036473	1.091255	9.317856	.7286113	1.197367

Sample Name: ICV Acquired: 11/27/2019 11:25:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1029) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.138252	F .7537053	F 1.127104	F 1.103685	F 1.182183	F .7301425
Stddev	.001148	.0080871	.004552	.002132	.007262	.0034245
%RSD	.1008218	1.072973	.4038607	.1931962	.6142526	.4690221

#1	1.137805	.7571427	1.123550	1.101470	1.180625	.7302295
#2	1.139556	.7444674	1.125527	1.105723	1.175827	.7266752
#3	1.137395	.7595058	1.132235	1.103863	1.190097	.7335227

Elem	Sr4077
Units	ppm
Avg	F .7280197
Stddev	.0016757
%RSD	.2301762

#1	.7276276
#2	.7265749
#3	.7298568

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.802	3648.751	52776.79	7206.552	4296.570
Stddev	2.423	4.749	119.07	19.165	7.379
%RSD	.1375857	.1301573	.2256140	.2659439	.1717385

#1	1763.367	3654.056	52649.94	7225.940	4304.562
#2	1760.487	3644.896	52794.28	7187.617	4290.016
#3	1758.553	3647.300	52886.15	7206.098	4295.132

Sample Name: ICB Acquired: 11/27/2019 11:57:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003475	.0018677	-.000336	-.001279	-.000482	.0009122	.0005105
Stddev	.002672	.0010144	.000347	.002684	.000653	.0076985	.0007677
%RSD	76.89677	54.31358	103.4715	209.9300	135.5706	843.9894	150.3902

#1	-.006217	.0021598	.000060	-.004361	.000251	-.004881	.0012113
#2	-.000878	.0007393	-.000591	.000544	-.001004	.009648	-.000310
#3	-.003331	.0027040	-.000476	-.000019	-.000693	-.002031	.000630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	.0000292	.0020906	-.000246	-.000117	.0045742	-.001977
Stddev	.000043	.0000236	.0070029	.000445	.000049	.0010081	.003481
%RSD	121.4402	80.87846	334.9640	180.6632	42.05809	22.03797	176.0524

#1	-.000025	.0000523	-.005837	-.000084	-.000150	.0036119	-.003541
#2	.000001	.0000051	.004673	-.000750	-.000139	.0044882	-.004402
#3	-.000083	.0000303	.007436	.000095	-.000060	.0056225	.002011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002440	.0034317	-.000233	.0008402	-.597131	.0027013	.0035089
Stddev	.0003085	.0108144	.000092	.0003627	.343558	.0027818	.0012541
%RSD	126.4131	315.1361	39.48459	43.17067	57.53471	102.9786	35.74015

#1	-.000018	.0153974	-.000192	.0004290	-.962526	.0059095	.0021506
#2	.000166	.0005421	-.000169	.0009765	-.548213	.0012347	.0037533
#3	.000584	-.005644	-.000339	.0011149	-.280655	.0009598	.0046228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085132	.0018751	-.000623	.0000018	-.007794	-.004216	-.000809
Stddev	.048127	.0020509	.000440	.0001013	.003089	.000852	.000861
%RSD	56.53196	109.3783	70.61453	5792.350	39.62956	20.21934	106.4614

#1	-.108596	.0042216	-.000216	.0001142	-.011327	-.004135	.000092
#2	-.029774	.0004249	-.000562	-.000027	-.005604	-.005106	-.001624
#3	-.117027	.0009787	-.001090	-.000082	-.006452	-.003407	-.000894

Sample Name: ICB Acquired: 11/27/2019 11:57:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000357	.0057734	-.000047
Stddev	.001217	.0004142	.000056
%RSD	340.5713	7.174727	120.7568

#1	-.001054	.0054071	-.000011
#2	.001048	.0056901	-.000018
#3	-.001066	.0062229	-.000112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.858	3616.553	52318.99	7124.341	4297.485
Stddev	5.672	7.420	123.68	39.754	13.985
%RSD	.3267542	.2051695	.2364046	.5579972	.3254203

#1	1729.353	3610.479	52216.75	7167.564	4288.543
#2	1739.772	3614.358	52283.75	7089.344	4290.311
#3	1738.450	3624.823	52456.47	7116.114	4313.601

Sample Name: ICSA Acquired: 11/27/2019 12:01:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) 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	.0004903	.0052866	.0003283	-.021683	.0010762	239.2201
Stddev	.0031597	.0017885	.0016123	.004675	.0025221	1.0143
%RSD	644.4121	33.83136	491.0427	21.56207	234.3433	.4240053

#1	-.002926	.0073401	.0004108	-.023644	.0017921	239.9339
#2	.003308	.0044504	.0018978	-.016346	.0031630	238.0590
#3	.001088	.0040694	-.001324	-.025058	-.001726	239.6674

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057298	.0008992	.0008370	249.7704	.0519607	-.000012
Stddev	.0000633	.0000543	.0000504	.5075	.0001651	.000047
%RSD	1.103820	6.035127	6.022021	.2031833	.3176977	389.3102

#1	.0056603	.0009050	.0008893	249.6023	.0520049	-.000056
#2	.0057451	.0008423	.0007887	249.3683	.0520992	.000037
#3	.0057839	.0009503	.0008330	250.3406	.0517780	-.000017

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014903	100.4932	.0148298	257.6786	-.001253	-.002620
Stddev	.0012647	.3608	.0005324	.6485	.000374	.000469
%RSD	84.86068	.3589915	3.590199	.2516646	29.85958	17.90328

#1	.0029334	100.7659	.0153540	257.8754	-.001685	-.002432
#2	.0005753	100.0842	.0142895	256.9545	-.001035	-.002275
#3	.0009621	100.6296	.0148460	258.2059	-.001039	-.003154

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.801903	.0046289	.0056072	-.058471	F .0112994	-.002600
Stddev	.208541	.0027651	.0037345	.084690	.0028097	.002025
%RSD	26.00576	59.73519	66.60290	144.8409	24.86627	77.89080

#1	-.895841	.0074942	.0067093	.032461	.0136617	-.000268
#2	-.562916	.0044162	.0014456	-.072779	.0081923	-.003914
#3	-.946953	.0019763	.0086665	-.135096	.0120441	-.003618

Sample Name: ICSA Acquired: 11/27/2019 12:01:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) 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	-.000142	-.004935	-.005389	-.004361	-.002334	.0097782
Stddev	.000257	.006619	.000503	.001102	.000688	.0011390
%RSD	180.6809	134.1171	9.339788	25.26511	29.48265	11.64803

#1	-.000400	.002695	-.005968	-.005491	-.002719	.0095404
#2	.000115	-.008366	-.005140	-.003289	-.002743	.0087770
#3	-.000143	-.009135	-.005059	-.004303	-.001539	.0110173

Elem	Sr4077
Units	ppm
Avg	F .1006084
Stddev	.0001672
%RSD	.1661375

#1	.1004452
#2	.1007793
#3	.1006006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1625.345	3374.729	48870.42	7053.345	3709.598
Stddev	11.529	9.468	244.86	10.887	4.588
%RSD	.7093129	.2805530	.5010375	.1543488	.1236713

#1	1615.640	3372.574	48639.79	7055.843	3709.429
#2	1638.089	3385.089	49127.38	7041.427	3714.267
#3	1622.307	3366.525	48844.08	7062.766	3705.097

Sample Name: ICSAB Acquired: 11/27/2019 12:05:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) 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	.0968357	.1183760	.0517080	.0348571	.6103172	237.3773
Stddev	.0034865	.0038455	.0011900	.0050151	.0016236	.4220
%RSD	3.600449	3.248513	2.301459	14.38746	.2660322	.1777606

#1	.0931494	.1145815	.0506972	.0308784	.6117855	237.6723
#2	.1000804	.1182759	.0514073	.0332025	.6105926	236.8940
#3	.0972774	.1222705	.0530195	.0404904	.6085735	237.5657

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5312514	.5231629	1.040004	249.3532	.5880433	.5157732
Stddev	.0008523	.0021990	.002167	.7251	.0019640	.0005916
%RSD	.1604354	.4203196	.2083819	.2908087	.3339942	.1147072

#1	.5319516	.5249958	1.037781	249.9718	.5876265	.5155044
#2	.5303023	.5237683	1.040119	248.5552	.5901822	.5153638
#3	.5315001	.5207247	1.042111	249.5327	.5863210	.5164515

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4797429	99.84510	.5258240	256.1085	1.028766	.2043812
Stddev	.0036731	.33555	.0024628	.7756	.001348	.0005266
%RSD	.7656429	.3360724	.4683685	.3028417	.1310695	.2576494

#1	.4837012	100.0657	.5274448	256.7356	1.027412	.2041655
#2	.4764444	99.4589	.5229900	255.2412	1.028775	.2039968
#3	.4790832	100.0107	.5270374	256.3487	1.030109	.2049814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.954117	.5166169	1.136404	-.220453	F .0129316	-.003186
Stddev	.330683	.0077007	.023533	.036870	.0034305	.003268
%RSD	34.65854	1.490602	2.070837	16.72464	26.52771	102.5782

#1	-.572297	.5154601	1.156257	-.241660	.0091817	-.002144
#2	-1.14161	.5248306	1.110409	-.177879	.0159119	-.006848
#3	-1.14844	.5095601	1.142546	-.241819	.0137011	-.000566

Sample Name: ICSAB Acquired: 11/27/2019 12:05:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) 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	-.000264	-.005883	-.004302	-.005463	-.003513	.0049422
Stddev	.000513	.001975	.000286	.001236	.001203	.0025167
%RSD	194.3409	33.56662	6.639373	22.63079	34.23183	50.92292

#1	-.000797	-.007124	-.004151	-.005825	-.004869	.0041213
#2	-.000222	-.003606	-.004123	-.006478	-.002576	.0029384
#3	.000227	-.006919	-.004631	-.004086	-.003094	.0077669

Elem	Sr4077
Units	ppm
Avg	F .1005439
Stddev	.0004673
%RSD	.4647414

#1	.1010741
#2	.1003654
#3	.1001922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1657.128	3396.738	49669.97	7095.095	3730.843
Stddev	9.959	6.229	226.96	49.332	8.846
%RSD	.6009744	.1833933	.4569296	.6953029	.2371150

#1	1648.671	3395.435	49474.19	7072.078	3738.858
#2	1668.105	3403.515	49617.00	7061.479	3732.321
#3	1654.608	3391.263	49918.73	7151.730	3721.351

Sample Name: CCV078 Acquired: 11/27/2019 12:09:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.853531	4.885660	24.64946	4.763841	4.877161	398.9198	9.956821
Stddev	.023395	.015014	.07905	.002289	.005695	.8329	.038165
%RSD	.4820227	.3073063	.3206976	.0480485	.1167603	.2087856	.3833023

#1	4.878139	4.901909	24.71708	4.765491	4.878160	399.2063	9.933367
#2	4.831575	4.872301	24.56255	4.761228	4.871033	399.5717	10.00086
#3	4.850878	4.882770	24.66876	4.764805	4.882290	397.9815	9.93624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924980	2.473591	403.3411	15.23172	2.495517	14.57958	408.3226
Stddev	.0028958	.001901	1.5211	.02697	.002491	.03049	1.0796
%RSD	.5879814	.0768632	.3771195	.1770910	.0998108	.2090982	.2643940

#1	.4933939	2.475103	402.3506	15.22580	2.497481	14.59018	408.9645
#2	.4948399	2.471457	405.0925	15.20819	2.492715	14.60336	408.9270
#3	.4892601	2.474215	402.5802	15.26116	2.496354	14.54521	407.0762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.53652	395.6759	2.488952	1.238123	399.4293	2.434301	14.29612
Stddev	.05748	.7725	.001224	.007258	1.5795	.012059	.18951
%RSD	.3954391	.1952241	.0491704	.5862307	.3954402	.4953984	1.325595

#1	14.53262	395.8034	2.488308	1.241645	399.2161	2.444923	14.44029
#2	14.59584	396.3766	2.490363	1.242949	401.1046	2.436787	14.36659
#3	14.48108	394.8476	2.488185	1.229776	397.9672	2.421192	14.08147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.0647	5.038337	4.893567	4.855997	5.019731	4.851875	5.004020
Stddev	.4286	.017030	.030135	.005639	.019047	.035387	.003181
%RSD	.2914169	.3380138	.6158072	.1161325	.3794330	.7293438	.0635657

#1	147.2534	5.057990	4.898811	4.850270	5.041701	4.860726	5.006944
#2	147.3666	5.027919	4.920735	4.856176	5.007882	4.881996	5.000633
#3	146.5742	5.029101	4.861154	4.861545	5.009609	4.812903	5.004481

Sample Name: CCV078 Acquired: 11/27/2019 12:09:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.980645	5.049258	4.977683
Stddev	.034118	.029975	.025254
%RSD	.6850153	.5936466	.5073466

#1	4.941471	5.015864	4.978636
#2	5.003847	5.073835	4.951966
#3	4.996618	5.058075	5.002447

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1496.615	3127.793	47842.21	6933.902	3357.434
Stddev	13.582	5.889	59.91	17.989	11.432
%RSD	.9075057	.1882822	.1252308	.2594302	.3404897

#1	1486.658	3121.905	47789.35	6954.672	3345.324
#2	1491.102	3133.683	47907.29	6923.741	3368.038
#3	1512.087	3127.792	47829.97	6923.293	3358.939

Sample Name: K5850-13DLX2 Acquired: 11/27/2019 12:17:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012209	.0303169	3.842787	-.095856	.0426003	30.25981	.9741000
Stddev	.001994	.0026560	.004372	.002402	.0013036	.10186	.0030705
%RSD	16.33576	8.760650	.1137599	2.506022	3.060031	.3366314	.3152178

#1	-.013646	.0325999	3.847149	-.093958	.0423388	30.24838	.9765818
#2	-.013048	.0274020	3.842807	-.098557	.0440147	30.16414	.9750520
#3	-.009932	.0309490	3.838406	-.095054	.0414472	30.36690	.9706662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070495	.0279049	318.2765	.5294018	.0927965	8.670779	525.8384
Stddev	.0002498	.0001241	.6244	.0004110	.0008451	.036434	1.5453
%RSD	3.543243	.4445527	.1961825	.0776402	.9106969	.4201909	.2938699

#1	.0069859	.0280482	318.7685	.5292039	.0937632	8.670131	525.9988
#2	.0068376	.0278348	317.5741	.5291272	.0924282	8.634673	524.2192
#3	.0073249	.0278318	318.4869	.5298744	.0921980	8.707532	527.2973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.419815	29.43476	.5234618	-.000105	-.562992	.1179202	8.336400
Stddev	.015471	.09085	.0016189	.000905	.154225	.0036861	.055786
%RSD	.3500483	.3086454	.3092746	861.9431	27.39380	3.125958	.6691806

#1	4.421332	29.52532	.5243748	.000604	-.687646	.1153743	8.369461
#2	4.403641	29.34362	.5244181	-.001124	-.610807	.1221472	8.271992
#3	4.434472	29.43533	.5215926	.000205	-.390522	.1162390	8.367748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.725797	1.724056	.1383839	.0898543	6.821182	.8591231	.2903304
Stddev	.149651	.009132	.0053084	.0001323	.020373	.0060964	.0012917
%RSD	4.016625	.5296531	3.835972	.1472720	.2986781	.7096033	.4448995

#1	3.708404	1.730362	.1348254	.0900038	6.822323	.8585893	.2888794
#2	3.585602	1.713584	.1358410	.0897520	6.800262	.8654688	.2907568
#3	3.883385	1.728221	.1444854	.0898073	6.840961	.8533112	.2913549

Sample Name: K5850-13DLX2 Acquired: 11/27/2019 12:17:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2121889	.0510648	.5728922
Stddev	.0024407	.0001713	.0008207
%RSD	1.150262	.3355090	.1432558

#1	.2121268	.0508809	.5733901
#2	.2146602	.0512199	.5733416
#3	.2097799	.0510937	.5719450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.971	3549.486	53289.14	7532.806	3917.657
Stddev	2.886	5.490	134.82	18.496	3.492
%RSD	.1656911	.1546757	.2529942	.2455389	.0891470

#1	1741.723	3555.488	53261.76	7541.262	3914.143
#2	1739.216	3544.718	53170.11	7511.593	3917.700
#3	1744.973	3548.252	53435.54	7545.563	3921.128

Sample Name: CCB078 Acquired: 11/27/2019 12:13:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009349	.0018919	.0042777	.0026430	-.001745	.0093735	.0006679
Stddev	.0020763	.0010865	.0006463	.0032707	.000783	.0048394	.0006762
%RSD	222.0907	57.42751	15.10919	123.7498	44.86526	51.62873	101.2419

#1	.0009527	.0026536	.0038407	-.001071	-.002416	.0148305	.0009784
#2	.0030022	.0023743	.0050202	.005094	-.000885	.0076870	.0011330
#3	-.001150	.0006477	.0039724	.003905	-.001934	.0056030	-.000108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	.0000384	.0170443	.0006988	.0001535	.0051676	.0071167
Stddev	.000041	.0000326	.0026663	.0002946	.0002141	.0014089	.0040090
%RSD	408.7949	84.84308	15.64350	42.16424	139.5081	27.26364	56.33203

#1	.000021	.0000009	.0173473	.0003616	.0000839	.0067602	.0060784
#2	-.000057	.0000598	.0195461	.0009064	.0003937	.0046587	.0115426
#3	.000005	.0000547	.0142394	.0008284	-.000017	.0040839	.0037290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007145	.0254694	-.000143	.0008083	-.675981	.0003624	.0045368
Stddev	.0003076	.0256694	.000174	.0003491	.416274	.0027487	.0008653
%RSD	43.05765	100.7856	121.5892	43.18714	61.58065	758.5375	19.07220

#1	.0005178	.0119368	-.000325	.0006216	-.981135	-.002007	.0055325
#2	.0010690	.0550736	.000022	.0012110	-.201776	.003376	.0041113
#3	.0005566	.0093976	-.000127	.0005923	-.845032	-.000282	.0039667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.072643	.0009304	.0076393	.0008880	-.007130	-.002714	-.001072
Stddev	.089054	.0004666	.0005446	.0004027	.002145	.000417	.000833
%RSD	122.5926	50.14730	7.129315	45.34824	30.08327	15.35385	77.68210

#1	-.080199	.0014635	.0078587	.0013406	-.006153	-.002871	-.000461
#2	.019949	.0007318	.0080399	.0005692	-.009590	-.002242	-.002021
#3	-.157678	.0005960	.0070192	.0007542	-.005649	-.003030	-.000734

Sample Name: CCB078 Acquired: 11/27/2019 12:13:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000249	.0076572	.0001691
Stddev	.000670	.0005839	.0000719
%RSD	269.5224	7.624997	42.51937

#1	.000166	.0079489	.0002436
#2	.000109	.0080377	.0001001
#3	-.001022	.0069850	.0001636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.262	3637.489	52966.61	7203.988	4308.550
Stddev	12.944	4.991	199.90	34.839	5.873
%RSD	.7332439	.1371991	.3774007	.4836136	.1362999

#1	1770.783	3632.382	53069.13	7166.762	4305.826
#2	1750.473	3642.354	52736.26	7209.392	4315.290
#3	1774.530	3637.731	53094.45	7235.810	4304.534

Sample Name: K5850-15DLX2 Acquired: 11/27/2019 12:25:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474612	.0748036	3.586376	-.077351	.0468214	38.22294	3.453720
Stddev	.0061195	.0024485	.003613	.003084	.0014449	.20019	.010882
%RSD	12.89373	3.273297	.1007418	3.986858	3.085892	.5237433	.3150939

#1	.0460412	.0719769	3.589656	-.080591	.0466578	38.02533	3.450783
#2	.0541658	.0762694	3.582503	-.077011	.0483411	38.21787	3.444608
#3	.0421764	.0761645	3.586968	-.074451	.0454653	38.42561	3.465770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0595248	.0781997	338.2602	.7278005	.6262855	5.513650	479.2552
Stddev	.0001744	.0001737	.6714	.0012663	.0019806	.020174	2.2606
%RSD	.2930204	.2220764	.1984965	.1739856	.3162517	.3658837	.4716982

#1	.0593361	.0783250	337.6693	.7286750	.6283198	5.503886	476.6495
#2	.0596801	.0780015	338.1210	.7263484	.6243633	5.500216	480.4220
#3	.0595582	.0782726	338.9903	.7283780	.6261734	5.536848	480.6940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.855836	28.77522	1.029514	.0480828	-.535222	.6458166	9.206862
Stddev	.014333	.18948	.003380	.0003410	.360627	.0063045	.095664
%RSD	.2951808	.6585003	.3283457	.7092135	67.37892	.9762112	1.039055

#1	4.840256	28.60530	1.032857	.0478771	-.644352	.6409442	9.152551
#2	4.868463	28.74081	1.026097	.0478948	-.828681	.6435684	9.150714
#3	4.858789	28.97955	1.029587	.0484764	-.132635	.6529370	9.317320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.904950	1.682038	.1472985	.0789261	6.674608	2.077118	.2044475
Stddev	.093677	.007591	.0050794	.0003660	.020190	.002671	.0007923
%RSD	2.398920	.4513066	3.448366	.4637469	.3024832	.1286132	.3875251

#1	3.797065	1.684544	.1451300	.0785844	6.688555	2.074422	.2052695
#2	3.952109	1.673510	.1436633	.0788816	6.651456	2.079764	.2036887
#3	3.965675	1.688059	.1531022	.0793124	6.683813	2.077168	.2043845

Sample Name: K5850-15DLX2 Acquired: 11/27/2019 12:25:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2038416	.0510994	.6183547
Stddev	.0040080	.0005520	.0012215
%RSD	1.966239	1.080146	.1975374

#1	.2049429	.0513494	.6173130
#2	.2071838	.0514820	.6196991
#3	.1993980	.0504666	.6180520

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.618	3510.190	52599.93	7405.588	3886.741
Stddev	7.347	12.928	295.71	39.873	15.431
%RSD	.4297638	.3683130	.5621910	.5384162	.3970129

#1	1717.267	3508.978	52771.96	7426.744	3872.629
#2	1708.970	3523.682	52769.36	7359.595	3903.218
#3	1702.615	3497.911	52258.48	7430.423	3884.378

Sample Name: K5850-14DLX2 Acquired: 11/27/2019 12:21:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004230	.0295983	3.851410	-.100352	.0436432	30.74957	.9908518
Stddev	.003882	.0009123	.016108	.003245	.0001553	.20642	.0017625
%RSD	91.77923	3.082329	.4182368	3.233375	.3557713	.6712885	.1778792

#1	-.003021	.0305425	3.837146	-.102564	.0438137	30.88034	.9927091
#2	-.001096	.0287216	3.868880	-.096627	.0435100	30.85676	.9906436
#3	-.008573	.0295308	3.848204	-.101865	.0436060	30.51161	.9892025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071764	.0279093	322.0427	.5338108	.0938050	8.800929	532.0625
Stddev	.0000525	.0001481	1.0977	.0006260	.0001249	.084259	2.7594
%RSD	.7316004	.5306346	.3408555	.1172766	.1331286	.9573911	.5186304

#1	.0072038	.0278517	323.3101	.5332652	.0937617	8.851371	534.0252
#2	.0072094	.0280775	321.4245	.5336728	.0937075	8.847758	533.2549
#3	.0071158	.0277986	321.3936	.5344943	.0939458	8.703657	528.9074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.469537	29.87110	.5291422	-.001049	-.456229	.1222734	8.459212
Stddev	.012755	.22570	.0011403	.000456	.249444	.0018426	.038196
%RSD	.2853712	.7555785	.2154996	43.48448	54.67517	1.506951	.4515278

#1	4.482962	30.06708	.5303415	-.000524	-.219456	.1225946	8.452585
#2	4.468068	29.92189	.5280719	-.001350	-.432573	.1239342	8.424764
#3	4.457580	29.62434	.5290132	-.001272	-.716659	.1202913	8.500288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.827433	1.743916	.1290085	.0904483	6.866487	.8838006	.2922267
Stddev	.035265	.006007	.0040799	.0007351	.024625	.0050310	.0001297
%RSD	.9213750	.3444469	3.162537	.8127865	.3586204	.5692476	.0443652

#1	3.862110	1.738450	.1336373	.0902958	6.860344	.8838440	.2921119
#2	3.828580	1.750347	.1259351	.0898014	6.893601	.8888098	.2922010
#3	3.791608	1.742953	.1274529	.0912478	6.845515	.8787480	.2923673

Sample Name: K5850-14DLX2 Acquired: 11/27/2019 12:21:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2133964	.0491856	.5769804
Stddev	.0022062	.0019964	.0004709
%RSD	1.033834	4.058916	.0816117

#1	.2130613	.0469546	.5769939
#2	.2113769	.0497986	.5774443
#3	.2157509	.0508036	.5765029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.676	3531.974	53038.71	7463.405	3905.244
Stddev	8.014	6.615	187.25	28.072	6.878
%RSD	.4679116	.1872757	.3530354	.3761238	.1761253

#1	1721.342	3539.427	53211.88	7454.487	3912.814
#2	1711.155	3529.692	53064.23	7440.876	3899.378
#3	1705.532	3526.802	52840.01	7494.853	3903.539

Sample Name: K5850-05DLX5 Acquired: 11/27/2019 12:37:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332818	.0177463	1.047226	-.057267	.0057137	9.282464	.3458650
Stddev	.0038673	.0001763	.004823	.003897	.0011168	.063830	.0011976
%RSD	11.61995	.9934170	.4605715	6.805475	19.54548	.6876431	.3462730

#1	.0289117	.0176342	1.043328	-.057371	.0068196	9.222363	.3461758
#2	.0362624	.0176552	1.045731	-.053319	.0045864	9.349463	.3468765
#3	.0346713	.0179495	1.052620	-.061111	.0057351	9.275565	.3445425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033056	.0114831	141.7548	.4804966	.0447515	2.408868	270.1306
Stddev	.0001601	.0000602	.4142	.0014687	.0002866	.020428	1.4812
%RSD	4.842202	.5243966	.2921836	.3056586	.6403844	.8480536	.5483113

#1	.0032081	.0115084	141.6683	.4819380	.0449967	2.387230	269.1203
#2	.0032184	.0115266	142.2054	.4790020	.0444364	2.427821	271.8309
#3	.0034904	.0114144	141.3906	.4805496	.0448213	2.411554	269.4406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.951969	12.20866	.5523585	-.004005	-.955503	.0446196	3.606790
Stddev	.007869	.03965	.0007859	.000394	.384972	.0018348	.039516
%RSD	.4031485	.3247395	.1422794	9.841110	40.28998	4.111990	1.095603

#1	1.943329	12.16429	.5514523	-.003727	-1.37020	.0466884	3.573489
#2	1.958726	12.24063	.5527693	-.004456	-.88679	.0439805	3.650455
#3	1.953851	12.22105	.5528538	-.003833	-.60951	.0431899	3.596425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.314979	.6587687	.0619743	.1978979	2.545125	.4672378	.0586532
Stddev	.049441	.0028586	.0067840	.0009008	.011732	.0056833	.0008437
%RSD	3.759807	.4339388	10.94651	.4551959	.4609618	1.216370	1.438417

#1	1.287138	.6613769	.0604041	.1968765	2.533579	.4634174	.0589143
#2	1.285737	.6557125	.0694058	.1985790	2.544762	.4645270	.0593355
#3	1.372063	.6592167	.0561131	.1982383	2.557035	.4737690	.0577099

Sample Name: K5850-05DLX5 Acquired: 11/27/2019 12:37:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0700476	.0175366	.2647871
Stddev	.0003000	.0017837	.0004224
%RSD	.4282369	10.17130	.1595338

#1	.0697015	.0183591	.2652544
#2	.0702316	.0187606	.2644325
#3	.0702098	.0154900	.2646743

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.254	3536.181	52256.97	7248.190	4070.007
Stddev	11.413	4.310	263.84	73.256	3.295
%RSD	.6646052	.1218837	.5048932	1.010681	.0809557

#1	1727.073	3540.490	52540.13	7295.297	4070.286
#2	1719.956	3536.181	52212.75	7285.481	4073.154
#3	1704.732	3531.870	52018.04	7163.791	4066.582

Sample Name: K5850-13LDLX10 Acquired: 11/27/2019 12:29:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.003045	.0074501	.7340173	-.017910	.0075146	6.019619	.1982314
Stddev	.004274	.0016186	.0022105	.002667	.0020520	.088089	.0017674
%RSD	140.3418	21.72543	.3011569	14.88984	27.30711	1.463373	.8915961

#1	.001559	.0064317	.7320080	-.020785	.0067884	5.926819	.1961938
#2	-.003808	.0066020	.7336586	-.017428	.0098309	6.102087	.1991518
#3	-.006887	.0093164	.7363852	-.015517	.0059244	6.029952	.1993487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015538	.0052226	62.78959	.1085662	.0183033	1.743963	104.5616
Stddev	.0000590	.0000975	.37606	.0003547	.0002213	.021694	1.0538
%RSD	3.800262	1.867013	.5989176	.3266808	1.209014	1.243920	1.007796

#1	.0014858	.0052850	62.35788	.1083440	.0181556	1.719532	103.3935
#2	.0015828	.0052726	62.96498	.1089752	.0185577	1.760970	105.4406
#3	.0015927	.0051102	63.04592	.1083794	.0181966	1.751388	104.8508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8940841	5.974117	.1019184	.0003384	-.693793	.0234854	1.628381
Stddev	.0054857	.049798	.0004237	.0002070	.327666	.0029791	.032062
%RSD	.6135527	.8335666	.4157245	61.16130	47.22817	12.68508	1.968978

#1	.8878542	5.930169	.1016220	.0001132	-1.06395	.0238373	1.595317
#2	.8981908	5.963978	.1017295	.0003816	-.44089	.0262730	1.659338
#3	.8962075	6.028205	.1024037	.0005204	-.57653	.0203460	1.630490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6372442	.3215282	.0243013	.0177927	1.248802	.1773274	.0512698
Stddev	.0683679	.0019871	.0022253	.0002566	.002277	.0010802	.0014059
%RSD	10.72868	.6180022	9.157318	1.442052	.1823188	.6091280	2.742170

#1	.6641019	.3214114	.0218864	.0179854	1.247278	.1783694	.0497244
#2	.6881050	.3196021	.0262694	.0175015	1.247709	.1762127	.0516122
#3	.5595256	.3235710	.0247480	.0178913	1.251419	.1774002	.0524729

Sample Name: K5850-13LDLX10 Acquired: 11/27/2019 12:29:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0412958	.0081258	.1121087
Stddev	.0003879	.0018068	.0003216
%RSD	.9392977	22.23465	.2869131

#1	.0409871	.0095825	.1118335
#2	.0417312	.0086908	.1120302
#3	.0411691	.0061041	.1124623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.614	3589.121	52621.07	7239.435	4187.667
Stddev	3.757	.686	402.09	8.945	9.422
%RSD	.2158656	.0191043	.7641156	.1235591	.2249976

#1	1743.858	3589.810	52619.92	7230.375	4195.819
#2	1736.497	3588.439	52219.56	7248.260	4189.831
#3	1741.487	3589.112	53023.73	7239.671	4177.351

Sample Name: K5850-03DLX5 Acquired: 11/27/2019 12:33:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044738	.0058162	.6405626	-.025712	.0037238	8.528833	.3292654
Stddev	.0034484	.0024382	.0014901	.001938	.0008015	.030496	.0006654
%RSD	77.07857	41.92114	.2326274	7.536832	21.52453	.3575585	.2020774

#1	.0022608	.0083119	.6403899	-.023980	.0044273	8.561313	.3299492
#2	.0027137	.0056969	.6391664	-.027805	.0028512	8.524374	.3292268
#3	.0084471	.0034398	.6421316	-.025350	.0038931	8.500813	.3286201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019587	.0101529	215.1106	.0799302	.0679068	.5518822	106.8372
Stddev	.0000019	.0000974	.0871	.0004882	.0002381	.0050294	.3413
%RSD	.0955640	.9592880	.0404962	.6107777	.3505824	.9113170	.3194170

#1	.0019609	.0101331	215.2041	.0800263	.0676757	.5574861	106.6082
#2	.0019576	.0100668	215.0960	.0794010	.0678934	.5504004	107.2294
#3	.0019577	.0102586	215.0317	.0803631	.0681513	.5477602	106.6739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.063683	34.50010	.1127810	-.001713	-.525911	.0374652	3.363490
Stddev	.005473	.11084	.0003284	.000167	.171036	.0019330	.027170
%RSD	.5144895	.3212683	.2912289	9.765429	32.52186	5.159554	.8077992

#1	1.057389	34.39425	.1125129	-.001704	-.572292	.0379492	3.386292
#2	1.066344	34.49072	.1131474	-.001885	-.668973	.0391102	3.370752
#3	1.067316	34.61533	.1126828	-.001551	-.336468	.0353362	3.333427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.140553	.6112242	.0425742	.0127983	1.518005	.3296928	.0260544
Stddev	.049274	.0049821	.0008356	.0004045	.008765	.0023579	.0010311
%RSD	4.320147	.8150939	1.962821	3.160871	.5773843	.7151872	3.957385

#1	1.145557	.6054842	.0435196	.0123582	1.523915	.3270592	.0264635
#2	1.088968	.6137628	.0422687	.0128829	1.507935	.3304113	.0248816
#3	1.187133	.6144257	.0419342	.0131539	1.522166	.3316078	.0268182

Sample Name: K5850-03DLX5 Acquired: 11/27/2019 12:33:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0418482	.0197653	.2436627
Stddev	.0010989	.0021975	.0008336
%RSD	2.625890	11.11808	.3421142

#1	.0405820	.0176825	.2427140
#2	.0425531	.0195515	.2439964
#3	.0424094	.0220619	.2442778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1707.794	3535.023	52200.52	7240.096	4007.365
Stddev	1.687	11.934	143.68	43.486	6.733
%RSD	.0987660	.3375901	.2752443	.6006322	.1680186

#1	1706.050	3548.615	52127.86	7268.762	4014.141
#2	1709.417	3530.194	52366.02	7261.466	4007.279
#3	1707.915	3526.261	52107.69	7190.059	4000.675

Sample Name: K5850-08DLX5 Acquired: 11/27/2019 12:45:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096214	.0155805	3.674212	-.044798	.0188897	15.47262	.5938311
Stddev	.0031742	.0027769	.004861	.000454	.0009317	.03949	.0020838
%RSD	32.99143	17.82284	.1322931	1.013407	4.932080	.2552299	.3509123

#1	.0097461	.0137842	3.669448	-.044360	.0198624	15.51807	.5957349
#2	.0127314	.0141783	3.674025	-.045267	.0188011	15.44667	.5941536
#3	.0063866	.0187788	3.679164	-.044767	.0180054	15.45313	.5916048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031117	.0306325	33.63165	.4405980	.0424434	2.526023	226.0952
Stddev	.0001511	.0000587	.20222	.0008530	.0001902	.005659	.1638
%RSD	4.856841	.1915186	.6012687	.1935898	.4480291	.2240195	.0724322

#1	.0032823	.0305657	33.86460	.4403567	.0426538	2.524730	226.2838
#2	.0030578	.0306753	33.52903	.4398917	.0422838	2.521122	225.9892
#3	.0029948	.0306566	33.50131	.4415456	.0423926	2.532216	226.0126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.315107	7.483388	.4180717	.0029848	-1.06109	.0631494	4.040465
Stddev	.010578	.031652	.0010460	.0002653	.29132	.0027482	.049005
%RSD	.4568933	.4229668	.2502070	8.886439	27.45441	4.351881	1.212862

#1	2.327189	7.519368	.4179907	.0027089	-1.31478	.0600639	3.995817
#2	2.310620	7.470960	.4170685	.0032379	-1.12555	.0640503	4.092897
#3	2.307513	7.459836	.4191559	.0030077	-.74294	.0653342	4.032682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.253333	.8244198	.0452839	.0677301	2.311045	.3649935	.1435795
Stddev	.076675	.0047612	.0050645	.0005984	.005780	.0047972	.0016596
%RSD	6.117669	.5775232	11.18392	.8834437	.2501141	1.314322	1.155864

#1	1.341563	.8237892	.0396692	.0680806	2.311846	.3701185	.1440059
#2	1.202841	.8200053	.0495075	.0680705	2.304906	.3606106	.1417483
#3	1.215595	.8294649	.0466750	.0670392	2.316383	.3642513	.1449843

Sample Name: K5850-08DLX5 Acquired: 11/27/2019 12:45:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AC6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1189760	.0098630	.0831787
Stddev	.0003513	.0016938	.0001328
%RSD	.2952536	17.17333	.1596979

#1	.1193736	.0096010	.0830911
#2	.1188467	.0083154	.0833316
#3	.1187077	.0116725	.0831135

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.504	3630.260	53662.67	7349.209	4198.352
Stddev	8.884	5.306	61.43	62.126	5.755
%RSD	.4992399	.1461730	.1144795	.8453424	.1370734

#1	1786.266	3629.181	53707.82	7279.317	4201.216
#2	1769.442	3625.576	53592.71	7398.153	4191.727
#3	1782.804	3636.023	53687.47	7370.157	4202.113

Sample Name: K5850-06DLX5 Acquired: 11/27/2019 12:41:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050510	.0157034	3.350387	-.045003	.0213955	14.57186	.7229260
Stddev	.0049807	.0019953	.006537	.003095	.0006084	.04899	.0025345
%RSD	98.60773	12.70598	.1951035	6.877643	2.843833	.3361824	.3505944

#1	.0105826	.0138439	3.347544	-.046744	.0220632	14.60917	.7250525
#2	.0009220	.0154551	3.357864	-.046836	.0212508	14.59002	.7236041
#3	.0036484	.0178112	3.345754	-.041429	.0208724	14.51638	.7201214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034353	.0369390	39.21796	.2570263	.0377522	3.481695	246.5942
Stddev	.0000913	.0000774	.10269	.0002571	.0003066	.004954	.6734
%RSD	2.656798	.2095929	.2618421	.1000473	.8120524	.1422831	.2730982

#1	.0033852	.0368543	39.32507	.2569483	.0374797	3.483441	246.5089
#2	.0033800	.0369565	39.20847	.2568172	.0380841	3.476104	247.3062
#3	.0035406	.0370062	39.12035	.2573135	.0376928	3.485539	245.9675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.877572	10.91464	.2807978	-.001941	-.831856	.0662669	9.288312
Stddev	.009206	.06785	.0012018	.000502	.208050	.0017677	.072238
%RSD	.3199223	.6216821	.4280039	25.85722	25.01035	2.667614	.7777267

#1	2.883475	10.94574	.2810623	-.002424	-.937765	.0676018	9.234551
#2	2.882277	10.96137	.2794857	-.001422	-.592161	.0669367	9.370425
#3	2.866965	10.83681	.2818453	-.001975	-.965644	.0642621	9.259962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.464272	.8944905	.0638933	.0364433	4.329457	.3388094	.0980044
Stddev	.087115	.0048789	.0046014	.0002847	.014428	.0032020	.0003835
%RSD	5.949368	.5454373	7.201745	.7810626	.3332560	.9450665	.3913293

#1	1.458420	.8930308	.0597141	.0361508	4.336753	.3424112	.0983079
#2	1.380230	.8905080	.0688244	.0364598	4.312838	.3362854	.0975734
#3	1.554165	.8999326	.0631414	.0367193	4.338781	.3377314	.0981319

Sample Name: K5850-06DLX5 Acquired: 11/27/2019 12:41:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AC4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1403863	.0161008	.0951622
Stddev	.0006267	.0021642	.0002315
%RSD	.4463953	13.44133	.2433009

#1	.1410955	.0184761	.0949096
#2	.1399070	.0142408	.0953644
#3	.1401564	.0155854	.0952126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1759.494	3609.548	53458.52	7343.348	4173.539
Stddev	1.393	4.672	229.68	32.940	4.405
%RSD	.0791495	.1294366	.4296488	.4485669	.1055507

#1	1760.673	3613.064	53712.38	7318.688	4176.235
#2	1757.957	3611.332	53265.11	7380.756	4168.456
#3	1759.851	3604.246	53398.06	7330.599	4175.927

Sample Name: K5850-12DLX2 Acquired: 11/27/2019 12:49:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002557	.0300024	3.620138	-.097918	.0170803	30.35188	1.053308
Stddev	.002772	.0022184	.010067	.004808	.0002365	.19962	.004877
%RSD	108.4101	7.394064	.2780755	4.910447	1.384657	.6576800	.4630570

#1	-.001378	.0285252	3.609946	-.092375	.0171980	30.26131	1.049584
#2	-.000569	.0325533	3.620394	-.100424	.0172350	30.21359	1.051510
#3	-.005723	.0289285	3.630074	-.100956	.0168081	30.58072	1.058829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069492	.0434791	308.4208	.5820928	.0948264	4.538778	515.9225
Stddev	.0000942	.0000684	1.5465	.0022144	.0007831	.015378	1.2748
%RSD	1.355649	.1574133	.5014232	.3804175	.8257834	.3388063	.2470887

#1	.0070518	.0434408	306.6460	.5827270	.0950424	4.531083	514.5427
#2	.0068665	.0435582	309.1375	.5796305	.0954788	4.528767	516.1681
#3	.0069293	.0434385	309.4789	.5839209	.0939580	4.556484	517.0566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.800963	31.69929	.6110420	-.003400	-.873718	.1286316	7.819694
Stddev	.027850	.15307	.0013923	.001349	.149610	.0017809	.064272
%RSD	.5800971	.4828844	.2278572	39.67217	17.12342	1.384507	.8219293

#1	4.769191	31.70694	.6095725	-.003793	-.919898	.1304536	7.802810
#2	4.821155	31.54254	.6123415	-.004508	-.994794	.1268948	7.890723
#3	4.812542	31.84840	.6112119	-.001898	-.706462	.1285462	7.765549

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.779122	1.710046	.1746036	.0971345	6.632213	.9683565	.1352352
Stddev	.021724	.008014	.0054377	.0001287	.025379	.0098417	.0005526
%RSD	.5748509	.4686256	3.114303	.1325030	.3826692	1.016325	.4086147

#1	3.785561	1.704693	.1687052	.0971206	6.628042	.9743197	.1346824
#2	3.754906	1.706185	.1756887	.0970133	6.609177	.9737527	.1352357
#3	3.796899	1.719259	.1794169	.0972695	6.659419	.9569970	.1357875

Sample Name: K5850-12DLX2 Acquired: 11/27/2019 12:49:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2129783	.0493447	.5904750
Stddev	.0042439	.0014388	.0015551
%RSD	1.992625	2.915897	.2633610

#1	.2106740	.0497549	.5886993
#2	.2178758	.0505340	.5915939
#3	.2103850	.0477453	.5911317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.829	3541.948	53230.97	7518.635	3913.786
Stddev	12.296	3.039	95.53	4.949	1.844
%RSD	.7107946	.0857994	.1794720	.0658167	.0471035

#1	1724.095	3539.507	53137.99	7516.735	3915.443
#2	1721.448	3545.352	53328.87	7514.918	3911.800
#3	1743.944	3540.985	53226.05	7524.252	3914.115

Sample Name: K5850-13A Acquired: 11/27/2019 13:22:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013470	.0522685	7.351917	-.099124	.2636859	61.35803
Stddev	.0037102	.0019106	.014169	.005885	.0022247	.08532
%RSD	275.4400	3.655369	.1927236	5.937010	.8436792	.1390457

#1	-.001304	.0526735	7.339028	-.104254	.2662546	61.31479
#2	-.000242	.0539441	7.349636	-.100419	.2624208	61.30298
#3	.005587	.0501878	7.367088	-.092700	.2623822	61.45630

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.252588	.0196597	.0616608	603.7487	1.018131	.2508014
Stddev	.002325	.0001463	.0002607	1.1318	.003699	.0014812
%RSD	.1032147	.7440980	.4227558	.1874694	.3632743	.5906080

#1	2.254950	.0198225	.0613598	603.8834	1.022372	.2491990
#2	2.250302	.0196172	.0618134	602.5555	1.016448	.2510845
#3	2.252512	.0195394	.0618091	604.8071	1.015573	.2521207

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.70357	F 950.6426	8.303721	55.76667	1.080079	-.000506
Stddev	.03267	1.2287	.015103	.22341	.000591	.000523
%RSD	.2080600	.1292442	.1818790	.4006166	.0546801	103.4559

#1	15.66699	951.6963	8.320480	55.82113	1.079565	-.001066
#2	15.71387	949.2930	8.291164	55.52106	1.079947	-.000422
#3	15.72986	950.9383	8.299521	55.95781	1.080724	-.000029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.337176	.2958919	16.18717	7.557486	3.397126	^ *****
Stddev	.083833	.0042447	.07172	.056568	.011248	-----
%RSD	24.86334	1.434542	.4430939	.7484985	.3310978	-----

#1	-.314576	.3005907	16.25811	7.512576	3.409528	^ -----
#2	-.266959	.2923350	16.18870	7.621017	3.387585	^ -----
#3	-.429992	.2947500	16.11469	7.538865	3.394265	^ -----

Sample Name: K5850-13A Acquired: 11/27/2019 13:22:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1714719	13.52999	4.678950	.5366166	.4105398	.0967286
Stddev	.0000926	.00400	.025763	.0010141	.0005794	.0009968
%RSD	.0540199	.0295979	.5506141	.1889826	.1411347	1.030515
#1	.1713656	13.52902	4.649620	.5358656	.4100012	.0974886
#2	.1715146	13.52656	4.689310	.5362141	.4111528	.0970972
#3	.1715355	13.53439	4.697920	.5377702	.4104653	.0956000

Elem	Sr4077
Units	ppm
Avg	1.109814
Stddev	.000815
%RSD	.0734154
#1	1.109435
#2	1.109258
#3	1.110749

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.359	3442.310	52854.95	7538.883	3679.052
Stddev	4.538	8.753	414.19	36.338	8.395
%RSD	.2697128	.2542782	.7836298	.4820057	.2281945
#1	1678.501	3449.057	52382.52	7532.585	3687.949
#2	1681.219	3445.454	53155.64	7577.958	3677.939
#3	1687.358	3432.420	53026.70	7506.106	3671.269

Sample Name: K5890-03A Acquired: 11/27/2019 13:26:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143883	.0154693	.0650302	.0619639	.0005698	61.50625	.9587368
Stddev	.0046961	.0035212	.0018911	.0018900	.0012167	.07968	.0015252
%RSD	32.63834	22.76231	2.908010	3.050091	213.5513	.1295469	.1590848

#1	.0184957	.0114257	.0672134	.0598713	.0018838	61.59451	.9578027
#2	.0092686	.0171230	.0639804	.0635467	-.000518	61.48465	.9604968
#3	.0154006	.0178592	.0638970	.0624736	.000343	61.43960	.9579108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035852	.0023392	32.73950	.1080791	.0790370	.0815069	146.4275
Stddev	.0000368	.0000629	.06683	.0002738	.0005737	.0031552	.3386
%RSD	1.026331	2.691296	.2041408	.2533380	.7258308	3.871087	.2312615

#1	.0036173	.0023689	32.67118	.1077714	.0784125	.0851501	146.1606
#2	.0035934	.0022668	32.74257	.1082957	.0791580	.0796684	146.8084
#3	.0035451	.0023817	32.80474	.1081703	.0795406	.0797021	146.3135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.794330	29.19130	.1342712	-.003503	1.270707	.3676937	.6285744
Stddev	.013398	.05894	.0003552	.000171	.455633	.0049243	.0092865
%RSD	.3531185	.2019024	.2645590	4.881714	35.85663	1.339242	1.477385

#1	3.778908	29.22355	.1345904	-.003700	1.706570	.3725424	.6217358
#2	3.800969	29.12328	.1338885	-.003421	1.307959	.3626971	.6391465
#3	3.803112	29.22708	.1343347	-.003388	.797592	.3678417	.6248408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.850410	5.429622	.0152252	.0003107	.6221269	11.21322	-.000659
Stddev	.025456	.005463	.0004566	.0002233	.0039593	.03919	.000654
%RSD	.5248175	.1006223	2.998682	71.86674	.6364203	.3494818	99.32370

#1	4.865363	5.423361	.0148546	.0003589	.6177082	11.25364	-.000257
#2	4.864850	5.432087	.0150858	.0005060	.6233202	11.21063	-.000306
#3	4.821018	5.433419	.0157352	.0000672	.6253524	11.17539	-.001413

Sample Name: K5890-03A Acquired: 11/27/2019 13:26:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP2A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.096767	.0431338	.2896688
Stddev	.026438	.0014434	.0008759
%RSD	.3725339	3.346399	.3023902

#1	7.099877	.0437447	.2901512
#2	7.068912	.0414854	.2886577
#3	7.121513	.0441714	.2901975

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.899	3839.824	57637.78	7862.886	4149.235
Stddev	4.079	7.734	193.45	68.033	4.518
%RSD	.2149071	.2014225	.3356249	.8652407	.1088762

#1	1900.089	3833.262	57768.81	7803.422	4150.227
#2	1900.415	3848.351	57728.93	7937.076	4153.175
#3	1893.193	3837.858	57415.59	7848.161	4144.305

Sample Name: CCV079 Acquired: 11/27/2019 13:54:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.898112	4.954175	24.40504	4.918848	5.016919	405.4921	10.13643
Stddev	.001941	.016870	.05375	.011089	.013154	2.8986	.01839
%RSD	.0396190	.3405227	.2202580	.2254400	.2621885	.7148265	.1814524

#1	4.896988	4.947408	24.37038	4.909179	5.007528	404.1237	10.11976
#2	4.896995	4.941739	24.37777	4.916414	5.011277	408.8215	10.15616
#3	4.900353	4.973378	24.46696	4.930952	5.031953	403.5311	10.13335

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5023294	2.483547	400.8597	15.30176	2.520551	14.64943	409.8191
Stddev	.0020096	.005937	.4278	.00880	.005505	.11693	1.8595
%RSD	.4000459	.2390588	.1067200	.0575220	.2183905	.7981913	.4537396

#1	.5000435	2.481052	400.4956	15.29535	2.517778	14.62897	408.4268
#2	.5031269	2.479266	400.7527	15.31180	2.516984	14.77525	411.9308
#3	.5038178	2.490325	401.3309	15.29814	2.526891	14.54409	409.0995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.52683	395.8609	2.526952	1.219207	401.4353	2.487964	14.28653
Stddev	.04247	1.5734	.005802	.007260	1.7097	.022191	.07052
%RSD	.2923719	.3974547	.2296022	.5954498	.4259050	.8919295	.4936137

#1	14.47785	394.5094	2.527579	1.211633	400.9711	2.481547	14.21070
#2	14.55354	397.5881	2.520862	1.219885	403.3291	2.512657	14.35014
#3	14.54909	395.4853	2.532415	1.226105	400.0055	2.469689	14.29875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.3267	5.145062	4.864609	4.972393	5.133955	4.841651	5.123256
Stddev	1.4963	.017166	.026624	.009363	.009256	.025723	.013125
%RSD	1.008755	.3336401	.5473093	.1882985	.1802899	.5312875	.2561884

#1	147.8368	5.136963	4.834465	4.965800	5.123859	4.815979	5.127812
#2	150.0065	5.133444	4.874453	4.968268	5.135968	4.841549	5.108459
#3	147.1368	5.164779	4.884910	4.983110	5.142040	4.867425	5.133496

Sample Name: CCV079 Acquired: 11/27/2019 13:54:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.982434	5.074502	5.019964
Stddev	.061028	.027184	.007542
%RSD	1.224862	.5356907	.1502408

#1	5.014929	5.081264	5.028411
#2	4.912034	5.044575	5.017576
#3	5.020338	5.097666	5.013905

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.556	3035.204	47725.57	6874.269	3302.517
Stddev	2.314	2.612	79.70	29.020	8.049
%RSD	.1576471	.0860407	.1670058	.4221489	.2437329

#1	1465.720	3034.302	47669.92	6846.031	3300.928
#2	1470.154	3038.147	47816.88	6904.012	3311.242
#3	1466.793	3033.162	47689.92	6872.762	3295.381

Sample Name: CCB079 Acquired: 11/27/2019 13:58:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000398	.0017806	.0027498	-.001008	.0005766	.0045855	.0010604
Stddev	.000280	.0015630	.0003693	.003921	.0011160	.0032502	.0003482
%RSD	70.22858	87.77546	13.43086	389.0117	193.5441	70.87967	32.83305

#1	-.000175	.0001590	.0031600	.001332	.0018478	.0059114	.0014467
#2	-.000712	.0032774	.0026455	.001179	.0001235	.0069633	.0007707
#3	-.000308	.0019055	.0024438	-.005534	-.000242	.0008820	.0009638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0000595	.0016974	.0001926	.0002614	.0039070	.0097237
Stddev	.000057	.0000456	.0097939	.0004087	.0000914	.0012435	.0065028
%RSD	408.4397	76.74461	576.9899	212.1951	34.96958	31.82833	66.87610

#1	.000051	.0000347	-.008036	.0002651	.0002341	.0053132	.0156766
#2	-.000054	.0001121	.011551	.0005602	.0003634	.0034556	.0107105
#3	-.000039	.0000315	.001577	-.000248	.0001868	.0029522	.0027838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006639	.0348715	-.000142	.0003676	-.372598	-.001401	.0019355
Stddev	.0004685	.0161965	.000213	.0002971	.069554	.001845	.0013971
%RSD	70.57462	46.44630	149.5540	80.81350	18.66722	131.7658	72.18427

#1	.0010066	.0199537	-.000215	.0006676	-.300676	.000094	.0029419
#2	.0008550	.0325621	-.000309	.0000735	-.377605	-.003463	.0025241
#3	.0001300	.0520988	.000097	.0003618	-.439512	-.000832	.0003404

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.159856	.0029718	.0050580	.0007006	-.006009	-.002309	-.002957
Stddev	.049941	.0020835	.0006019	.0001604	.002125	.000709	.000559
%RSD	31.24119	70.10809	11.89960	22.89158	35.35599	30.69545	18.91778

#1	-.215974	.0023614	.0045741	.0007327	-.007996	-.002497	-.003380
#2	-.143291	.0052924	.0057320	.0008424	-.003770	-.002904	-.003167
#3	-.120302	.0012618	.0048679	.0005265	-.006262	-.001525	-.002323

Sample Name: CCB079 Acquired: 11/27/2019 13:58:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000129	.0041981	.0001707
Stddev	.000411	.0020337	.0000377
%RSD	319.6692	48.44396	22.10793

#1	-.000274	.0064400	.0001644
#2	.000336	.0036824	.0001365
#3	-.000447	.0024718	.0002112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.636	3521.274	52847.53	7067.897	4236.976
Stddev	15.299	2.024	426.00	26.719	3.155
%RSD	.8840294	.0574654	.8061012	.3780302	.0744704

#1	1713.497	3520.264	52356.02	7038.626	4233.793
#2	1742.914	3519.954	53110.40	7074.090	4240.103
#3	1735.498	3523.603	53076.17	7090.976	4237.032

Sample Name: K5892-01A Acquired: 11/27/2019 14:33:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095061	.0154042	.0547638	.0792614	.1294777	59.39007	.8796901
Stddev	.0023564	.0010134	.0010655	.0016293	.0020676	.37466	.0015614
%RSD	24.78795	6.578564	1.945662	2.055600	1.596859	.6308425	.1774929

#1	.0114573	.0156177	.0558705	.0777622	.1283340	59.63801	.8805506
#2	.0068882	.0162939	.0537449	.0809953	.1318644	58.95907	.8778878
#3	.0101728	.0143011	.0546760	.0790267	.1282347	59.57312	.8806319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031883	.0022409	30.58793	.1117849	.0769563	.0806170	151.9153
Stddev	.0000933	.0000734	.05504	.0003452	.0002152	.0014431	.6943
%RSD	2.927302	3.277419	.1799402	.3087995	.2796082	1.790005	.4570010

#1	.0032170	.0022631	30.64753	.1117594	.0767269	.0792682	152.3301
#2	.0032639	.0021589	30.53902	.1121422	.0769882	.0804441	151.1138
#3	.0030840	.0023007	30.57724	.1114532	.0771537	.0821387	152.3019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.699653	27.71896	.1314479	-.004259	1.446257	.4037844	.6737884
Stddev	.008220	.09380	.0001519	.000376	.200899	.0016819	.0109824
%RSD	.0944907	.3384011	.1155241	8.819653	13.89097	.4165442	1.629951

#1	8.690165	27.68351	.1315283	-.004652	1.620459	.4056618	.6775392
#2	8.704140	27.64804	.1312728	-.004223	1.491822	.4024153	.6614219
#3	8.704654	27.82531	.1315427	-.003903	1.226489	.4032760	.6824040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.896702	5.030182	.0181274	-.000376	.5380621	7.543112	-.000872
Stddev	.058793	.003328	.0055358	.000114	.0028228	.103857	.000964
%RSD	1.200662	.0661594	30.53832	30.29175	.5246206	1.376844	110.5585

#1	4.959089	5.033998	.0137530	-.000368	.5369772	7.657450	.000121
#2	4.888693	5.028665	.0162781	-.000494	.5359427	7.517268	-.001804
#3	4.842325	5.027883	.0243512	-.000266	.5412664	7.454616	-.000931

Sample Name: K5892-01A Acquired: 11/27/2019 14:33:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ1A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.902417	.0430302	.2809989
Stddev	.063968	.0011933	.0003139
%RSD	.8094697	2.773226	.1117243

#1	7.851972	.0426723	.2806911
#2	7.974366	.0420568	.2813186
#3	7.880915	.0443615	.2809870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.155	3810.387	57139.98	7851.549	4135.463
Stddev	19.421	11.997	396.86	66.662	3.118
%RSD	1.035163	.3148434	.6945398	.8490249	.0753957

#1	1861.240	3819.491	56826.56	7775.996	4138.502
#2	1898.116	3814.878	57586.21	7876.577	4135.615
#3	1869.110	3796.793	57007.15	7902.075	4132.271

Sample Name: K5850-04 Acquired: 11/27/2019 14:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511643	.0305769	9.909963	-.109467	.0338351	52.46303	2.287299
Stddev	.0047275	.0003685	.014529	.005075	.0007695	.29541	.005295
%RSD	9.239787	1.205271	.1466118	4.635730	2.274135	.5630760	.2315060

#1	.0512434	.0302658	9.900738	-.115246	.0347217	52.22062	2.285344
#2	.0558517	.0304811	9.902440	-.105739	.0334425	52.37639	2.283259
#3	.0463978	.0309839	9.926711	-.107416	.0333412	52.79206	2.293293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104378	.0826894	220.0522	.9030800	.1912091	9.133260	615.2045
Stddev	.0000607	.0002086	.6340	.0016217	.0011152	.041638	2.6232
%RSD	.5812656	.2522532	.2881100	.1795801	.5832640	.4558918	.4263993

#1	.0103909	.0828171	220.1780	.9022315	.1918234	9.088327	613.2667
#2	.0104162	.0828024	219.3648	.9049500	.1899218	9.140912	614.1572
#3	.0105063	.0824487	220.6139	.9020585	.1918822	9.170541	618.1896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.906620	29.68512	.9363108	-.004962	-.171122	.2219835	23.10157
Stddev	.019464	.12276	.0019886	.000698	.251148	.0032116	.12654
%RSD	.2818161	.4135361	.2123861	14.06155	146.7653	1.446756	.5477531

#1	6.899372	29.57784	.9365341	-.005587	-.347595	.2182922	23.23827
#2	6.891821	29.65852	.9342199	-.005089	.116409	.2235212	23.07790
#3	6.928669	29.81900	.9381783	-.004209	-.282181	.2241371	22.98854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.262466	3.775958	.2350584	.1642557	12.17793	1.966388	.2835053
Stddev	.114117	.017378	.0064926	.0003810	.06333	.032490	.0029711
%RSD	1.571330	.4602254	2.762127	.2319575	.5200227	1.652292	1.047983

#1	7.179588	3.790709	.2326518	.1644554	12.22192	1.998483	.2856841
#2	7.215184	3.756801	.2301127	.1644954	12.10535	1.967166	.2801209
#3	7.392624	3.780365	.2424107	.1638164	12.20652	1.933516	.2847109

Sample Name: K5850-04 Acquired: 11/27/2019 14:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3580259	.0913939	.6234348
Stddev	.0115462	.0009626	.0005701
%RSD	3.224963	1.053263	.0914371

#1	.3705378	.0924037	.6240927
#2	.3557580	.0904866	.6230877
#3	.3477820	.0912914	.6231239

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.276	3544.051	53951.18	7632.631	3913.319
Stddev	11.277	2.371	476.23	15.382	4.506
%RSD	.6521231	.0669101	.8827081	.2015320	.1151350

#1	1722.422	3543.077	54007.32	7649.072	3911.386
#2	1723.115	3542.322	53449.36	7630.232	3918.468
#3	1742.292	3546.755	54396.85	7618.590	3910.102

Sample Name: CCV080 Acquired: 11/27/2019 15:10:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.906433	4.976184	24.36858	4.922778	5.038106	406.8843	10.15456
Stddev	.008992	.018945	.07382	.015446	.006829	1.9084	.03387
%RSD	.1832704	.3807052	.3029282	.3137667	.1355530	.4690223	.3335381

#1	4.906013	4.966482	24.40312	4.922978	5.038585	404.7045	10.11613
#2	4.897658	4.964057	24.28383	4.907233	5.044684	407.6944	10.16748
#3	4.915628	4.998015	24.41881	4.938123	5.031050	408.2541	10.18007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5060807	2.485597	400.0590	15.32474	2.521070	14.69321	410.7409
Stddev	.0022934	.001764	1.5045	.02445	.001483	.10920	.6863
%RSD	.4531694	.0709797	.3760670	.1595761	.0588116	.7432079	.1670820

#1	.5034337	2.484275	398.4512	15.31522	2.521379	14.56959	410.0410
#2	.5074733	2.484916	400.2931	15.35253	2.519457	14.73348	410.7691
#3	.5073351	2.487601	401.4327	15.30648	2.522373	14.77656	411.4127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51234	395.9642	2.529684	1.212891	401.0384	2.490529	14.25436
Stddev	.05203	.9379	.001292	.004145	2.2561	.005662	.07505
%RSD	.3585444	.2368564	.0510612	.3417431	.5625629	.2273385	.5264857

#1	14.46091	395.0905	2.528213	1.208519	398.5856	2.485318	14.24173
#2	14.51115	395.8469	2.530633	1.216764	401.5045	2.496554	14.18643
#3	14.56496	396.9552	2.530206	1.213391	403.0250	2.489717	14.33493

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.0048	5.156026	4.852053	4.989709	5.164720	4.848999	5.151326
Stddev	.9989	.026410	.008672	.004459	.026323	.010959	.008800
%RSD	.6703665	.5122171	.1787188	.0893553	.5096638	.2260099	.1708231

#1	147.8604	5.136189	4.842228	4.987225	5.166435	4.836854	5.144052
#2	149.4523	5.145885	4.855290	4.994857	5.137582	4.851993	5.148818
#3	149.7016	5.186003	4.858640	4.987047	5.190144	4.858151	5.161107

Sample Name: CCV080 Acquired: 11/27/2019 15:10:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV080 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.967344	5.067145	5.042941
Stddev	.016017	.013273	.013402
%RSD	.3224530	.2619361	.2657650

#1	4.985805	5.052142	5.049772
#2	4.959087	5.071933	5.051553
#3	4.957139	5.077359	5.027500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.615	3015.621	47417.45	6822.205	3289.509
Stddev	3.918	3.070	89.28	20.127	2.354
%RSD	.2689689	.1017872	.1882857	.2950160	.0715532

#1	1452.145	3015.804	47356.95	6799.684	3288.616
#2	1458.247	3012.464	47375.40	6838.434	3292.178
#3	1459.453	3018.595	47519.99	6828.496	3287.731

Sample Name: K5850-17 Acquired: 11/27/2019 14:52:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578236	.0333310	9.557023	-.131249	.0449890	54.00438	2.564283
Stddev	.0015799	.0035702	.008931	.006777	.0013516	.26464	.006069
%RSD	2.732314	10.71121	.0934452	5.163145	3.004333	.4900357	.2366902

#1	.0561844	.0358032	9.559272	-.126537	.0464328	53.80311	2.564731
#2	.0593367	.0349519	9.564614	-.139015	.0437538	53.90587	2.558002
#3	.0579496	.0292380	9.547183	-.128196	.0447804	54.30414	2.570116

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112203	.0916890	354.3090	1.053002	.2051395	6.625699	680.1899
Stddev	.0003352	.0001207	1.8685	.002027	.0004112	.042633	3.0984
%RSD	2.987930	.1316150	.5273651	.1925301	.2004496	.6434444	.4555217

#1	.0108335	.0916145	353.9265	1.050661	.2054712	6.605201	678.8515
#2	.0114274	.0916244	352.6614	1.054172	.2052680	6.597187	677.9857
#3	.0113999	.0918283	356.3392	1.054173	.2046794	6.674709	683.7325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.441992	39.40268	1.580257	-.009922	-.419057	.2489057	24.21193
Stddev	.035421	.27958	.000775	.001385	.147990	.0038673	.11951
%RSD	.4759603	.7095476	.0490388	13.95477	35.31500	1.553739	.4936124

#1	7.429689	39.28047	1.580399	-.009666	-.574535	.2505041	24.31695
#2	7.414363	39.20502	1.580951	-.011417	-.402724	.2444953	24.23695
#3	7.481924	39.72256	1.579421	-.008683	-.279910	.2517175	24.08188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.861021	4.168062	.2383731	.1712448	13.99773	2.544605	.2728437
Stddev	.003323	.019488	.0110613	.0004981	.05359	.039767	.0015994
%RSD	.0422771	.4675460	4.640310	.2908844	.3828739	1.562798	.5861998

#1	7.864466	4.166073	.2508821	.1706907	14.03298	2.498722	.2713008
#2	7.857834	4.149645	.2343534	.1713884	13.93606	2.569123	.2727362
#3	7.860763	4.188468	.2298838	.1716554	14.02416	2.565970	.2744942

Sample Name: K5850-17 Acquired: 11/27/2019 14:52:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3898501	.1033051	.7581142
Stddev	.0129425	.0002980	.0010898
%RSD	3.319876	.2884284	.1437454

#1	.3756236	.1030466	.7569392
#2	.4009275	.1032378	.7583117
#3	.3929992	.1036310	.7590917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1693.551	3459.582	52975.42	7465.099	3782.822
Stddev	12.043	7.261	170.79	51.078	8.680
%RSD	.7110975	.2098757	.3224040	.6842241	.2294671

#1	1688.043	3459.327	52940.76	7506.376	3783.323
#2	1685.246	3466.966	52824.61	7480.946	3791.241
#3	1707.362	3452.451	53160.88	7407.976	3773.902

Sample Name: CCB080 Acquired: 11/27/2019 15:14:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004350	.0020155	.0037955	-.000021	.0009705	.0113935	.0014497
Stddev	.001394	.0031333	.0009622	.001686	.0005972	.0024844	.0001124
%RSD	32.04270	155.4619	25.35129	8097.221	61.53471	21.80510	7.753666

#1	-.003483	.0003911	.0048415	.001679	.0015441	.0130733	.0015450
#2	-.003609	.0000279	.0035969	-.001693	.0003522	.0125675	.0014784
#3	-.005958	.0056274	.0029481	-.000049	.0010153	.0085397	.0013258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	.0000142	.0236997	.0003923	.0000365	.0008688	.0096104
Stddev	.000037	.0000800	.0017651	.0003416	.0002130	.0035497	.0054764
%RSD	234.1553	562.8360	7.447755	87.06684	584.0514	408.5685	56.98472

#1	-.000057	.0000158	.0221000	.0002605	.0002805	-.001980	.0157824
#2	-.000002	-.000067	.0234059	.0007802	-.000112	.004845	.0077165
#3	.000012	.000093	.0255933	.0001363	-.000059	-.000259	.0053322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004787	.0140771	.0001001	.0004673	-.578349	.0033156	.0015317
Stddev	.0004348	.0231227	.0003208	.0001809	.284902	.0057877	.0018166
%RSD	90.83407	164.2578	320.6199	38.71278	49.26137	174.5595	118.5956

#1	.0007022	.0162107	.0003203	.0002616	-.841853	.0095856	.0031648
#2	.0007562	.0360590	.0002479	.0005386	-.617165	.0021838	-.000425
#3	-.000022	-.010039	-.000268	.0006017	-.276028	-.001823	.001855

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.076397	.0031486	.0050668	.0006325	-.007160	-.002666	-.001545
Stddev	.018148	.0001852	.0006549	.0002399	.004589	.000571	.000331
%RSD	23.75421	5.881057	12.92613	37.93469	64.09273	21.40473	21.39938

#1	-.077347	.0030286	.0045376	.0004034	-.009064	-.002019	-.001910
#2	-.094052	.0033619	.0057993	.0006121	-.010490	-.002884	-.001264
#3	-.057794	.0030554	.0048636	.0008820	-.001925	-.003096	-.001463

Sample Name: CCB080 Acquired: 11/27/2019 15:14:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1030) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB080 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000534	.0073702	.0001133
Stddev	.0000435	.0013493	.0000721
%RSD	81.41753	18.30737	63.59027

#1	.0001014	.0087372	.0001552
#2	.0000165	.0060394	.0000301
#3	.0000424	.0073339	.0001547

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.690	3496.477	52857.78	7063.716	4228.588
Stddev	13.660	2.442	286.22	62.293	2.099
%RSD	.7879264	.0698506	.5414953	.8818693	.0496351

#1	1725.230	3497.840	52785.11	7046.888	4227.691
#2	1749.449	3497.934	53173.34	7011.565	4230.987
#3	1726.391	3493.657	52614.90	7132.693	4227.087