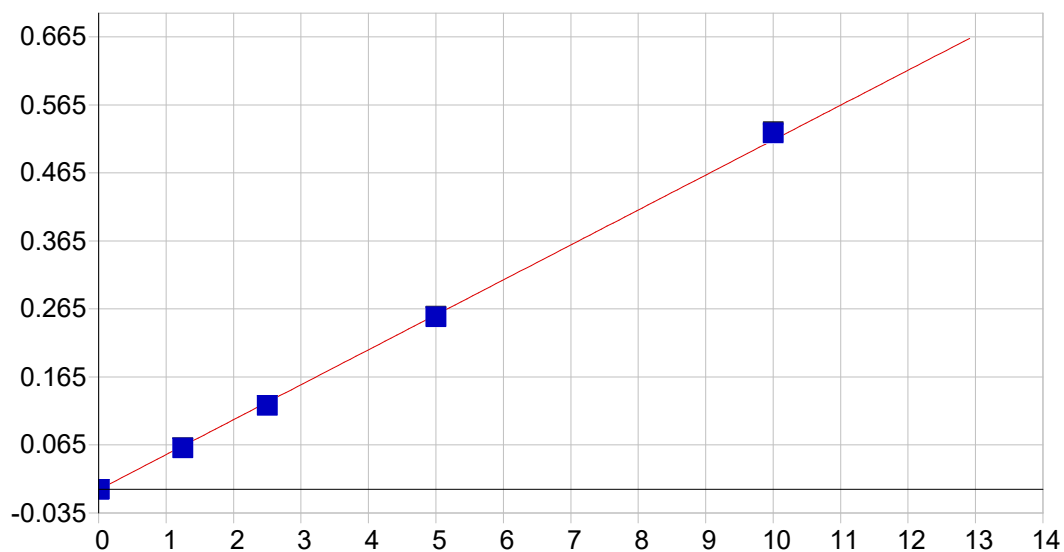


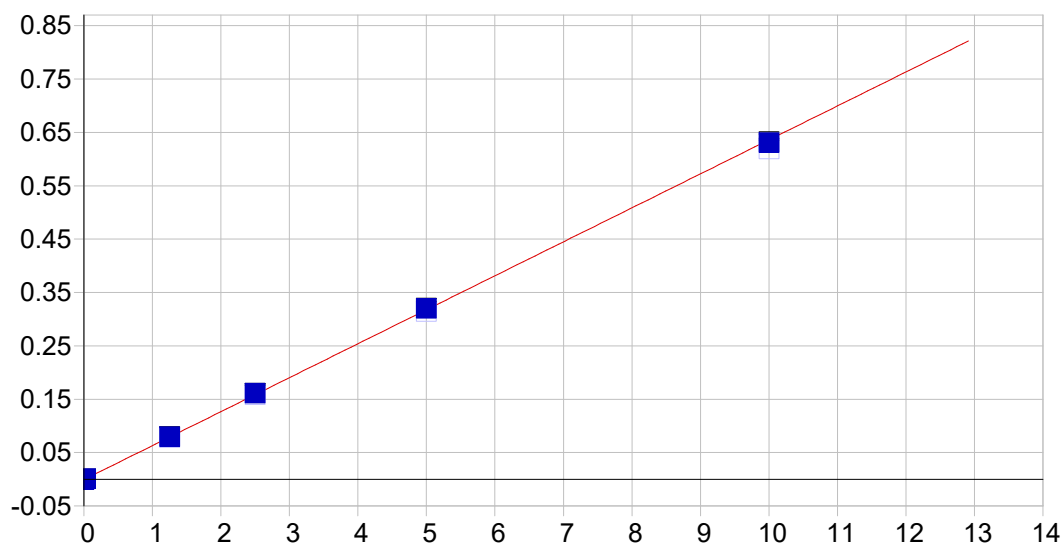


As 189.042 {479}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000601 Re-Slope: 1.000000
 A1 (Gain): 0.051386 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999690 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003493
 Predicted MQL: 0.011642

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00060	.000	1
S1	.01000	.01129	.001	12.9	-.00002	.000	1
S2	1.2500	1.1901	-.060	-4.79	.06040	.000	1
S3	2.5000	2.4053	-.095	-3.79	.12269	.000	1
S4	5.0000	4.9448	-.055	-1.10	.25288	.001	1
S5	10.000	10.209	.209	2.09	.52276	.001	1

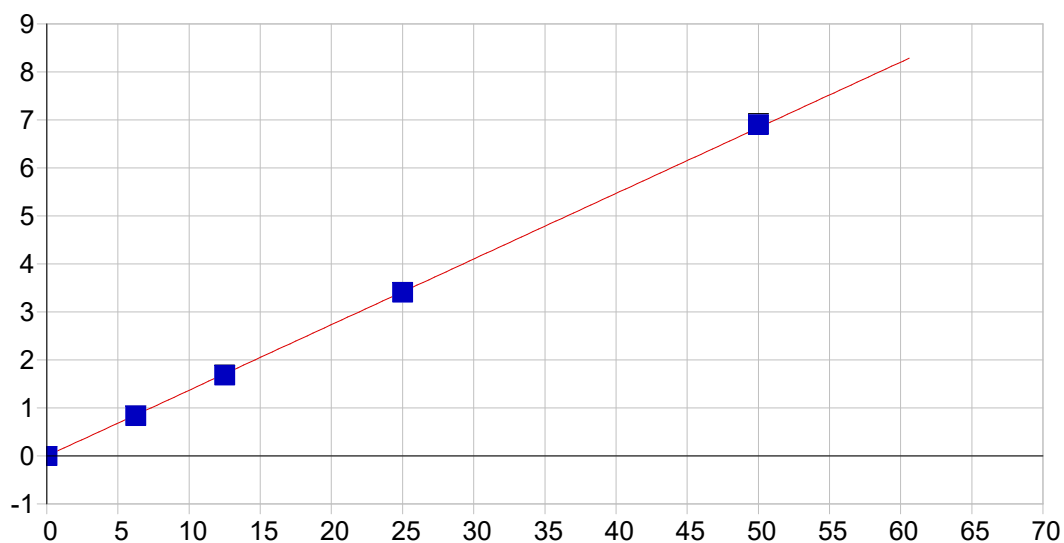


TI 190.856 {477}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000720 Re-Slope: 1.000000
 A1 (Gain): 0.063667 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002293
 Predicted MQL: 0.007644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00072	.000	1
S1	.02500	.02377	-.001	-4.92	.00073	.000	1
S2	1.2500	1.2584	.008	.672	.07793	.000	1
S3	2.5000	2.5383	.038	1.53	.15795	.000	1
S4	5.0000	5.0399	.040	.797	.31428	.000	1
S5	10.000	9.9146	-.085	-.854	.61877	.002	1

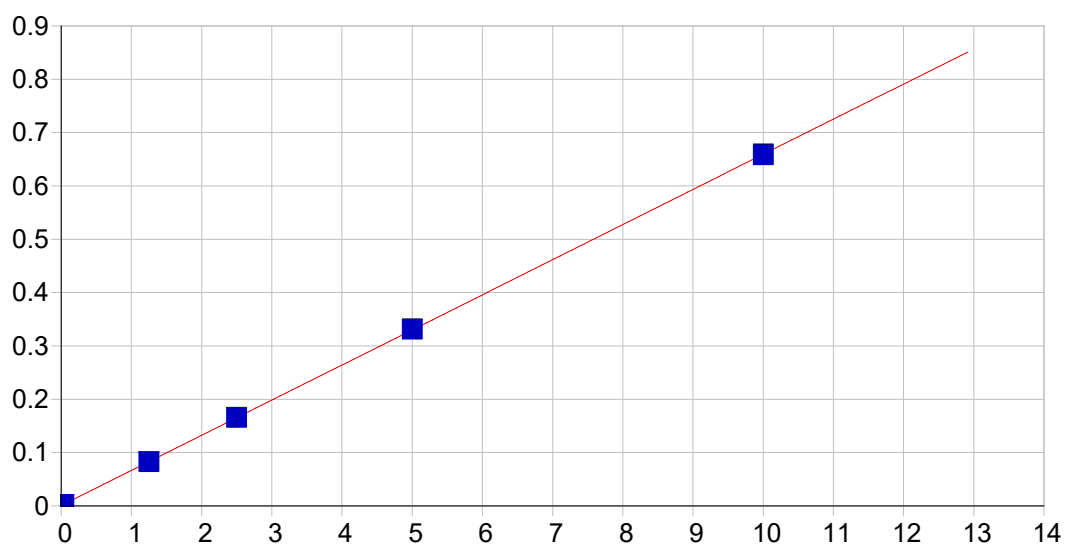


Pb 220.353 {453}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000167	Re-Slope:	1.000000
A1 (Gain):	0.136730	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.000056		
Predicted MDL:	0.002160		
Predicted MQL:	0.007199		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01236	.002	23.6	.00152	.000	1
S2	6.2500	6.1196	-.130	-2.09	.83674	.002	1
S3	12.500	12.287	-.213	-1.70	1.6802	.002	1
S4	25.000	24.895	-.105	-.420	3.4044	.002	1
S5	50.000	50.446	.446	.891	6.8987	.020	1

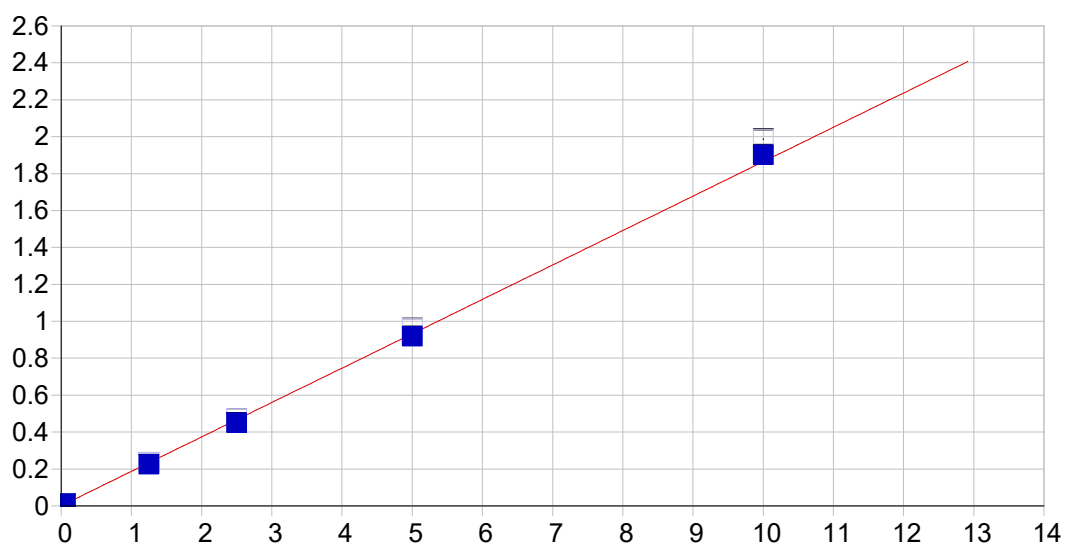


Se 196.090 {472}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000685 Re-Slope: 1.000000
 A1 (Gain): 0.065855 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.003141
 Predicted MQL: 0.010471

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00068	.000	1
S1	.03500	.03459	-.000	-1.16	.00296	.000	1
S2	1.2500	1.2447	-.005	-.423	.08244	.000	1
S3	2.5000	2.5007	.001	.028	.16494	.001	1
S4	5.0000	5.0166	.017	.333	.33019	.001	1
S5	10.000	9.9884	-.012	-.116	.65674	.002	1

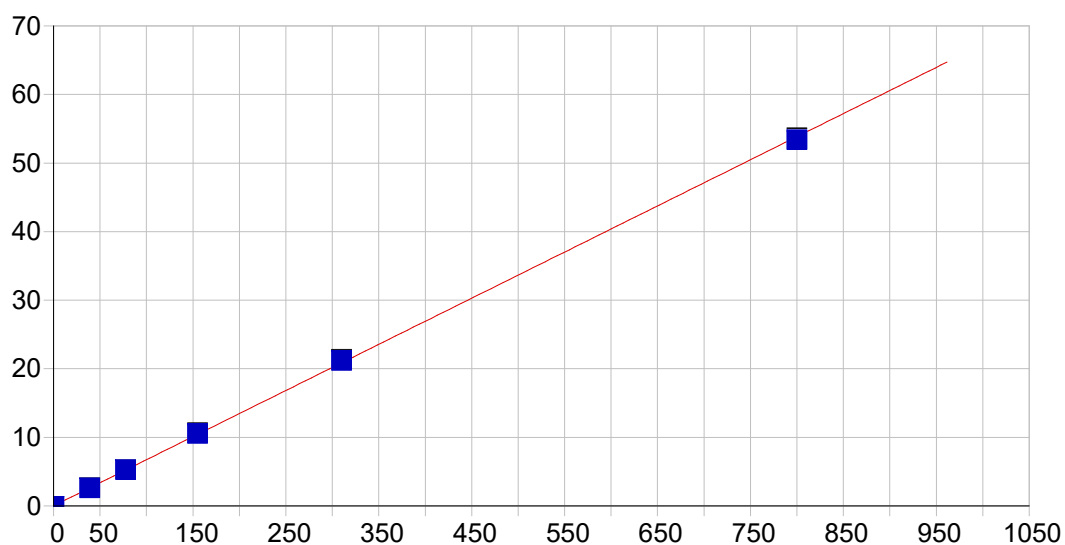


Sb 206.833 {463}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000900	Re-Slope:	1.000000
A1 (Gain):	0.186322	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999762	Status:	OK.
Std Error of Est:	0.000175		
Predicted MDL:	0.001632		
Predicted MQL:	0.005440		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00090	.000	1
S1	.06000	.06415	.004	6.92	.01286	.000	1
S2	1.2500	1.2031	-.047	-3.75	.23578	.001	1
S3	2.5000	2.4169	-.083	-3.32	.47267	.000	1
S4	5.0000	4.9277	-.072	-1.45	.96194	.002	1
S5	10.000	10.198	.198	1.98	1.9869	.003	1

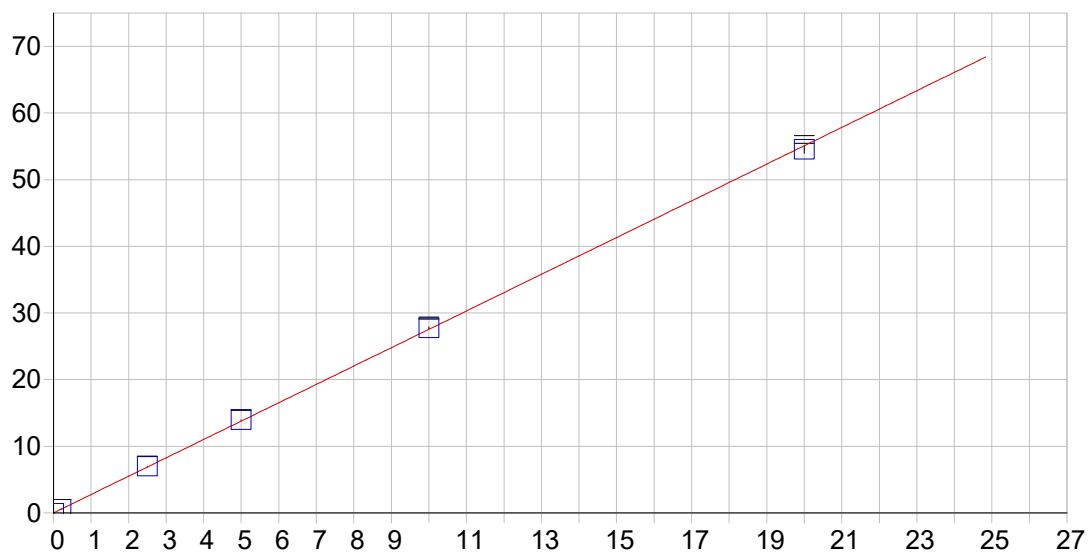


AI 396.152 { 85}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002486 Re-Slope: 1.000000
 A1 (Gain): 0.067306 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000427
 Predicted MDL: 0.010023
 Predicted MQL: 0.033410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00249	.001	1
S1	.20000	.20441	.004	2.21	.01648	.000	1
S2	38.750	38.873	.123	.318	2.6241	.006	1
S3	77.500	78.122	.622	.803	5.2710	.006	1
S4	155.00	156.51	1.51	.974	10.557	.084	1
S5	310.00	314.52	4.52	1.46	21.213	.178	1
S6	800.00	793.21	-6.79	-.849	53.424	.244	1

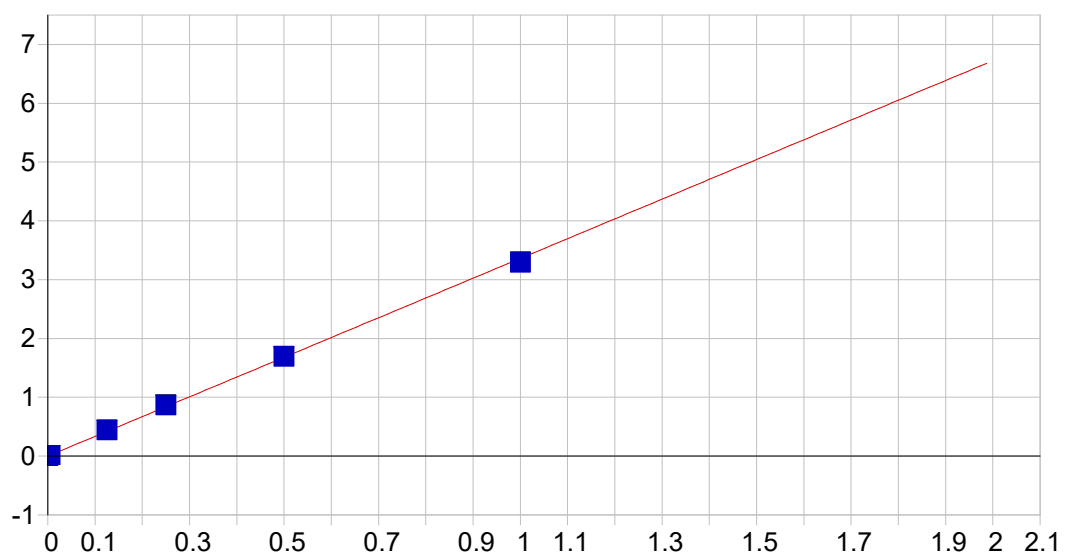


Ba 493.409 { 68}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002820	Re-Slope:	1.000000
A1 (Gain):	2.754276	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.003201		
Predicted MDL:	0.000546		
Predicted MQL:	0.001820		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00278	.000	1
S1	.20000	.20991	.010	4.95	.58096	.003	1
S2	2.5000	2.5386	.039	1.54	6.9949	.015	1
S3	5.0000	5.0700	.070	1.40	13.967	.029	1
S4	10.000	10.075	.075	.752	27.753	.132	1
S5	20.000	19.806	-.194	-.968	54.555	.576	1

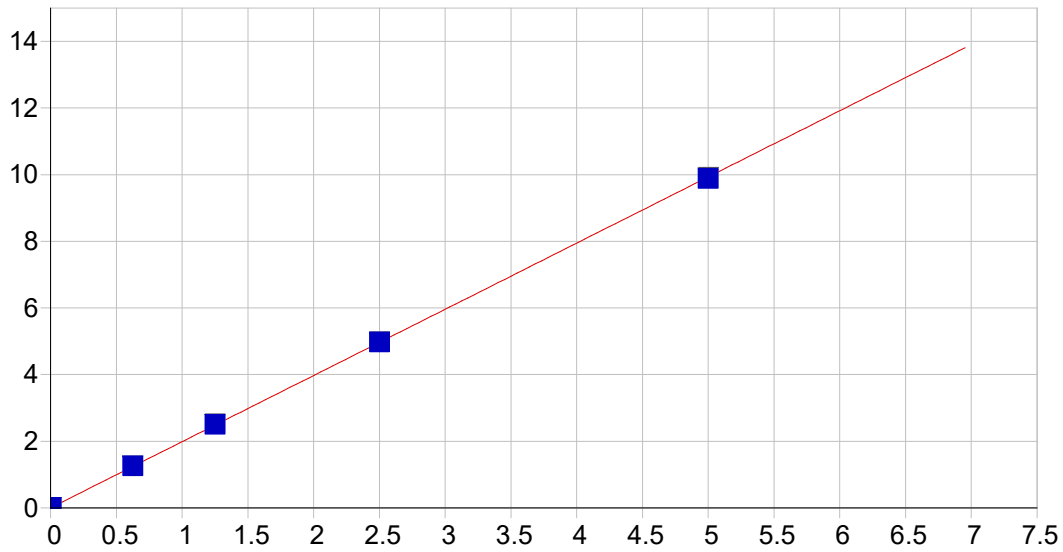


Be 234.861 {144}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000942	Re-Slope:	1.000000
A1 (Gain):	3.362425	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999702	Status:	OK.
Std Error of Est:	0.000307		
Predicted MDL:	0.000073		
Predicted MQL:	0.000244		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00095	.000	1
S1	.00500	.00552	.001	10.4	.01760	.000	1
S2	.12500	.13191	.007	5.53	.44121	.002	1
S3	.25000	.25804	.008	3.22	.86392	.006	1
S4	.50000	.50413	.004	.827	1.6886	.007	1
S5	1.0000	.98039	-.020	-1.96	3.2844	.008	1

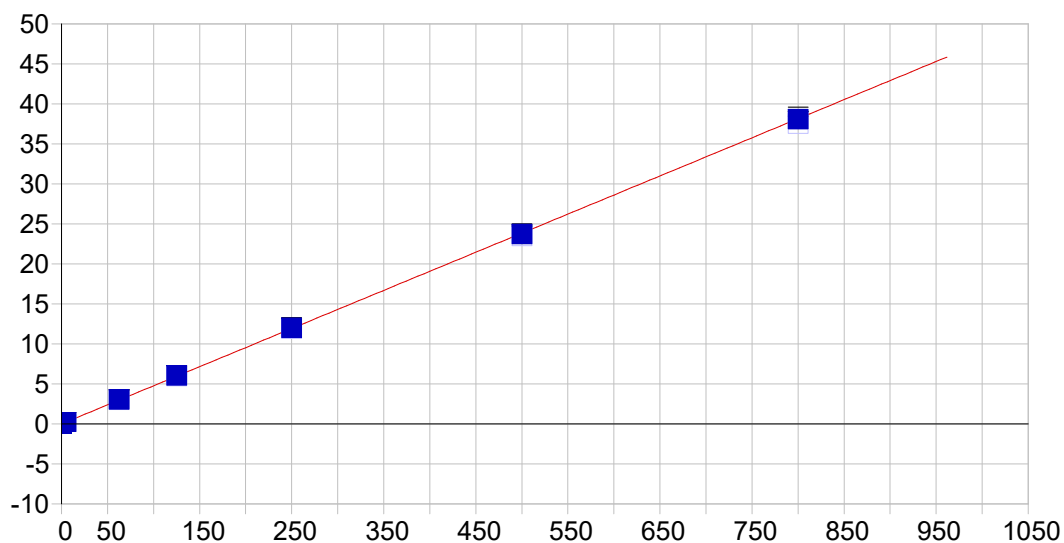


Cd 214.438 {457}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000464 Re-Slope: 1.000000
 A1 (Gain): 1.986497 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.000106
 Predicted MQL: 0.000353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.00500	.00532	.000	6.39	.01104	.000	1
S2	.62500	.63484	.010	1.57	1.2635	.002	1
S3	1.2500	1.2602	.010	.814	2.5076	.005	1
S4	2.5000	2.5042	.004	.168	4.9827	.006	1
S5	5.0000	4.9755	-.025	-.491	9.8995	.022	1

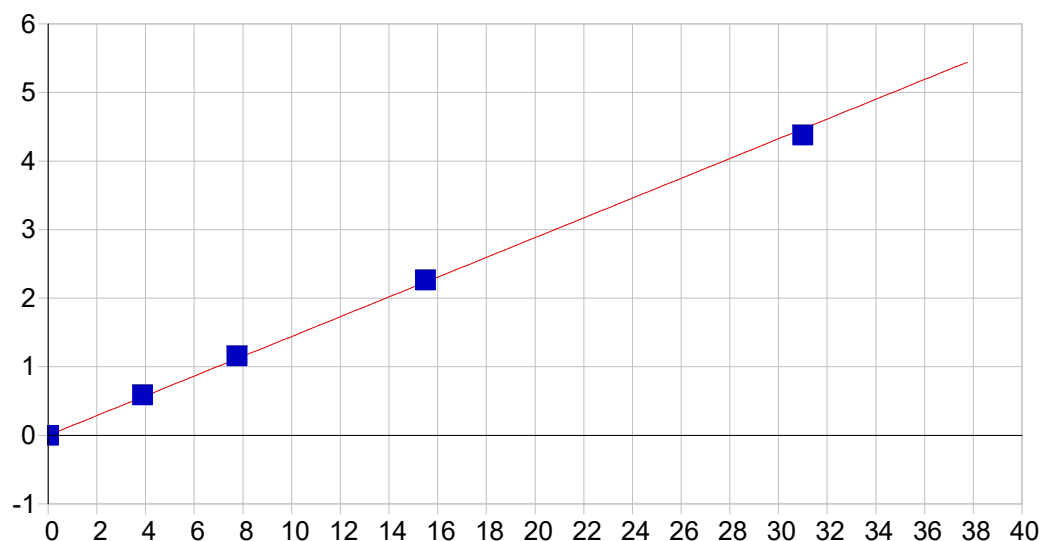


Ca 373.690 { 90}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.047686 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.001114
 Predicted MDL: 0.012271
 Predicted MQL: 0.040902

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00042	-.000	.000	-.00001	.000	1
S1	5.0000	5.2880	.288	5.76	.25211	.002	1
S2	62.500	63.641	1.14	1.82	3.0081	.005	1
S3	125.00	126.26	1.26	1.01	5.9677	.015	1
S4	250.00	251.45	1.45	.581	11.884	.063	1
S5	500.00	497.02	-2.98	-.596	23.488	.050	1
S6	800.00	798.82	-1.18	-.147	37.524	.268	1

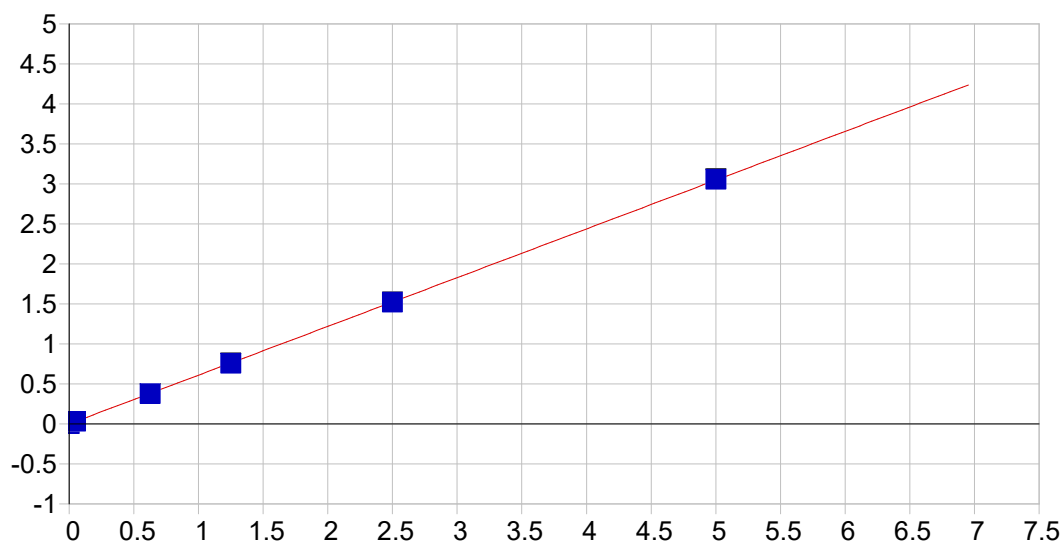


Cr 267.716 {126}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.144154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.000558
 Predicted MQL: 0.001861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01199	.002	19.9	.00173	.000	1
S2	3.8750	4.0593	.184	4.76	.58586	.001	1
S3	7.7500	8.0298	.280	3.61	1.1589	.004	1
S4	15.500	15.693	.193	1.24	2.2650	.003	1
S5	31.000	30.341	-.659	-2.13	4.3794	.003	1

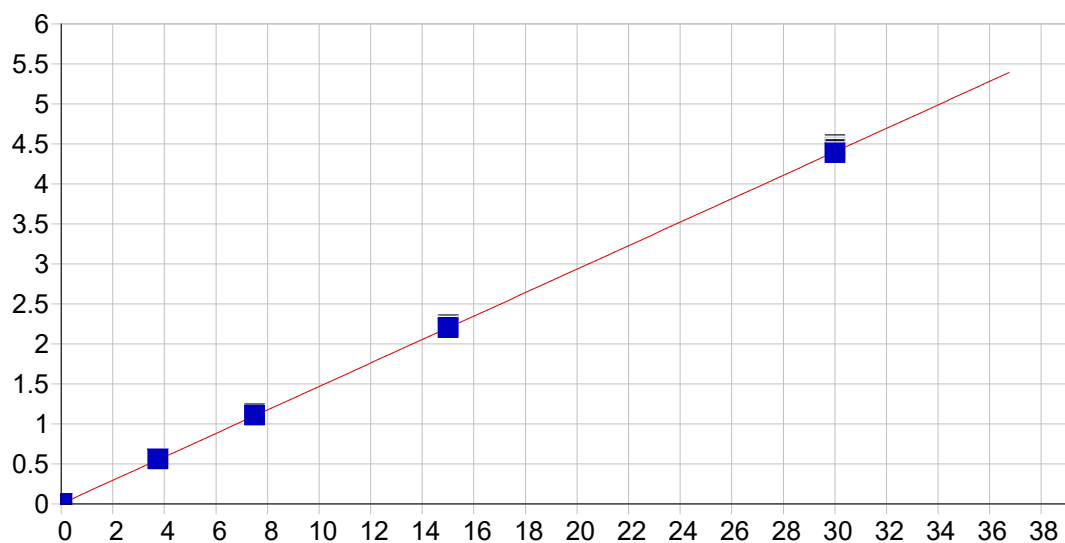


Co 228.616 {448}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000031	Re-Slope:	1.000000
A1 (Gain):	0.609429	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.000331		
Predicted MQL:	0.001103		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.05000	.05115	.001	2.30	.03131	.000	1
S2	.62500	.61931	-.006	-.911	.37806	.000	1
S3	1.2500	1.2436	-.006	-.516	.75910	.001	1
S4	2.5000	2.4952	-.005	-.191	1.5231	.002	1
S5	5.0000	5.0158	.016	.315	3.0616	.006	1

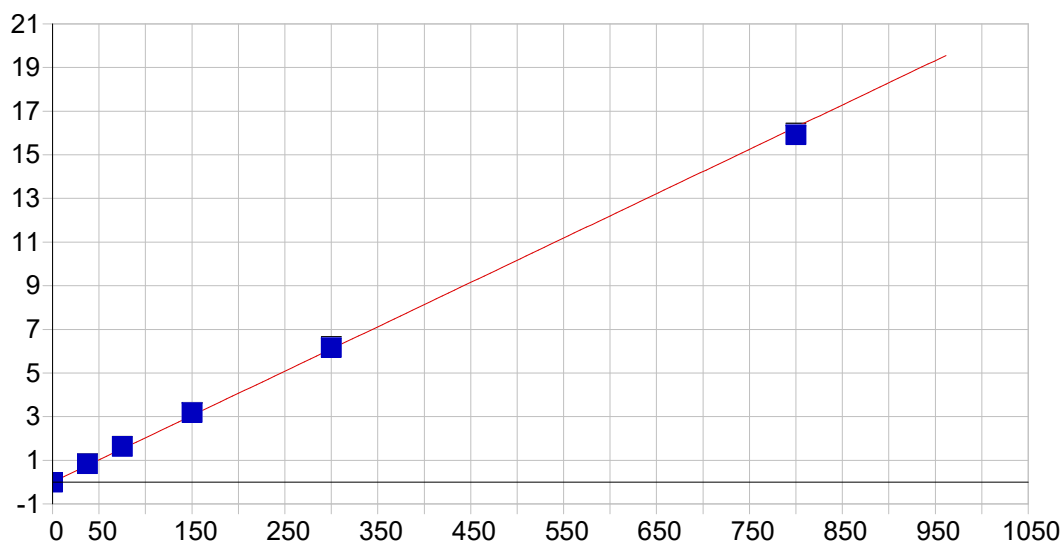


Cu 324.754 {104}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001506	Re-Slope:	1.000000
A1 (Gain):	0.146658	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.002609		
Predicted MQL:	0.008697		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00151	.000	1
S1	.02500	.02031	-.005	-18.7	.00522	.000	1
S2	3.7500	3.8052	.055	1.47	.56838	.000	1
S3	7.5000	7.5445	.044	.593	1.1256	.004	1
S4	15.000	14.999	-.001	-.007	2.2365	.003	1
S5	30.000	29.907	-.093	-.310	4.4582	.030	1

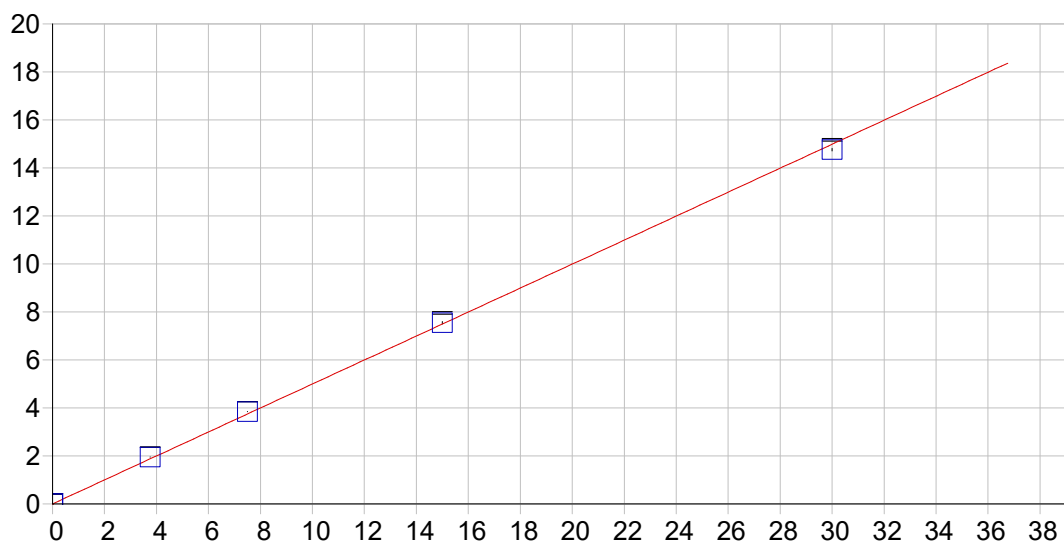


Fe 259.837 {130}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000055 Re-Slope: 1.000000
 A1 (Gain): 0.020335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999535 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.008950
 Predicted MQL: 0.029832

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00005	.000	1
S1	.10000	.11139	.011	11.4	.00240	.000	1
S2	37.500	40.772	3.27	8.73	.83074	.003	1
S3	75.000	80.043	5.04	6.72	1.6309	.004	1
S4	150.00	156.06	6.06	4.04	3.1798	.017	1
S5	300.00	302.88	2.88	.960	6.1718	.037	1
S6	800.00	782.72	-17.3	-2.16	15.937	.057	1

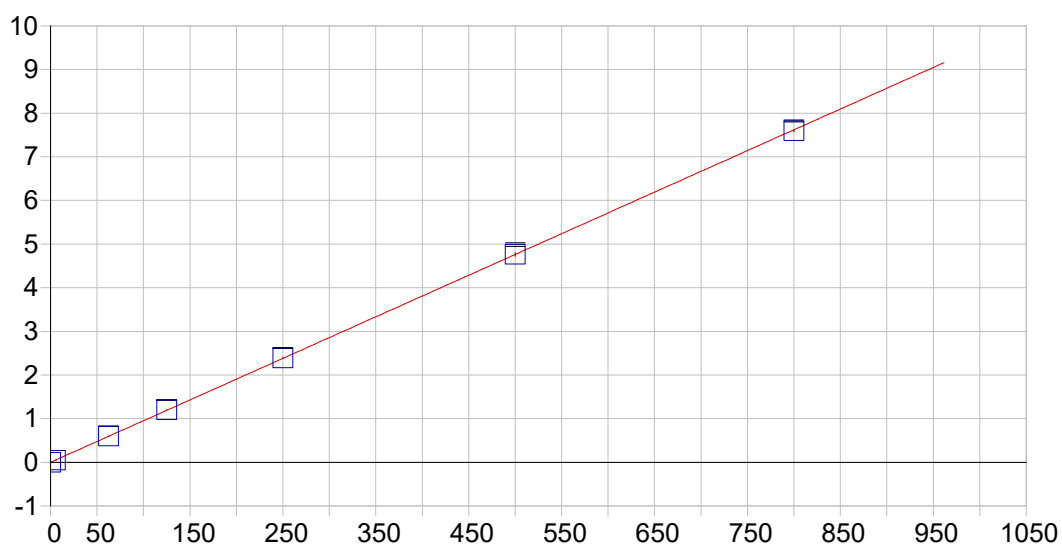


Mn 257.610 {131}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000272 Re-Slope: 1.000000
 A1 (Gain): 0.499598 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000334
 Predicted MDL: 0.000417
 Predicted MQL: 0.001390

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.01500	.01690	.002	12.7	.00871	.000	1
S2	3.7500	3.9081	.158	4.22	1.9527	.003	1
S3	7.5000	7.6964	.196	2.62	3.8454	.011	1
S4	15.000	15.104	.104	.695	7.5463	.050	1
S5	30.000	29.539	-.461	-1.54	14.758	.055	1

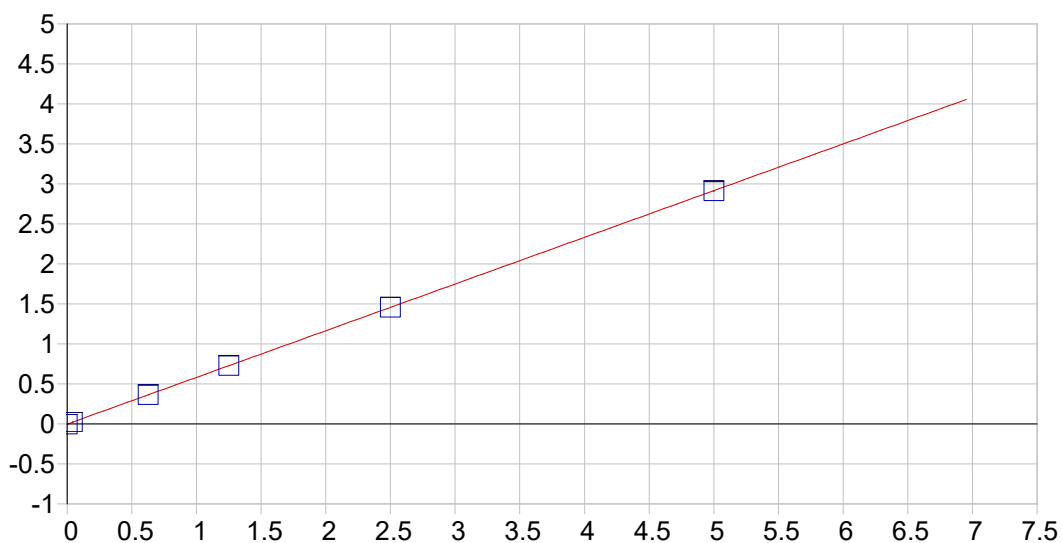


Mg 279.079 {121}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.009524 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000167
 Predicted MDL: 0.026099
 Predicted MQL: 0.086998

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	-.000	.000	.00002	.000	1
S1	5.0000	5.2897	.290	5.79	.05041	.000	1
S2	62.500	63.013	.513	.821	.60019	.001	1
S3	125.00	126.02	1.02	.818	1.2003	.006	1
S4	250.00	251.10	1.10	.441	2.3916	.009	1
S5	500.00	499.87	-.129	-.026	4.7610	.041	1
S6	800.00	797.20	-2.80	-.350	7.5929	.022	1

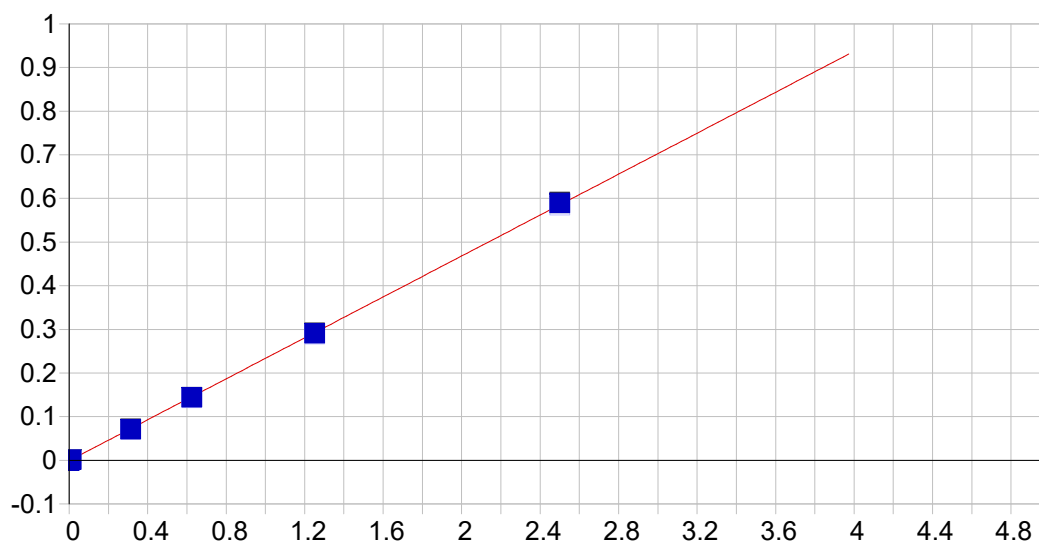


Ni 231.604 {446}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002006	Re-Slope:	1.000000
A1 (Gain):	0.583624	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.000454		
Predicted MQL:	0.001512		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00201	.000	1
S1	.04000	.04281	.003	7.03	.02298	.000	1
S2	.62500	.62749	.002	.399	.36421	.001	1
S3	1.2500	1.2536	.004	.292	.72965	.001	1
S4	2.5000	2.5004	.000	.016	1.4573	.002	1
S5	5.0000	4.9907	-.009	-.187	2.9107	.005	1

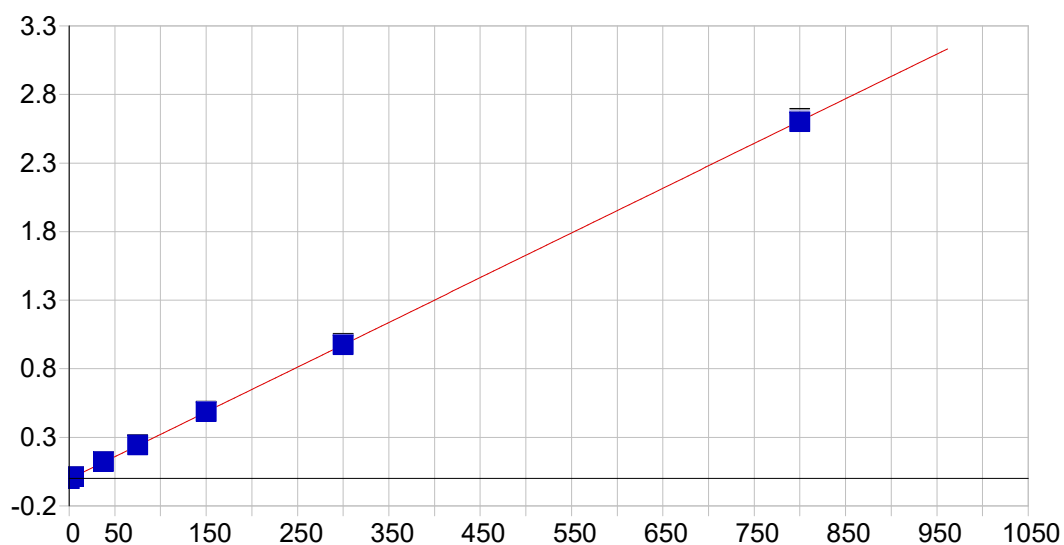


Ag 328.068 {103}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000967 Re-Slope: 1.000000
 A1 (Gain): 0.234538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.000567
 Predicted MQL: 0.001891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.01000	.01038	.000	3.79	.00145	.000	1
S2	.31250	.30758	-.005	-1.57	.07054	.000	1
S3	.62500	.61783	-.007	-1.15	.14268	.000	1
S4	1.2500	1.2452	-.005	-.385	.28857	.001	1
S5	2.5000	2.5165	.017	.661	.58423	.002	1

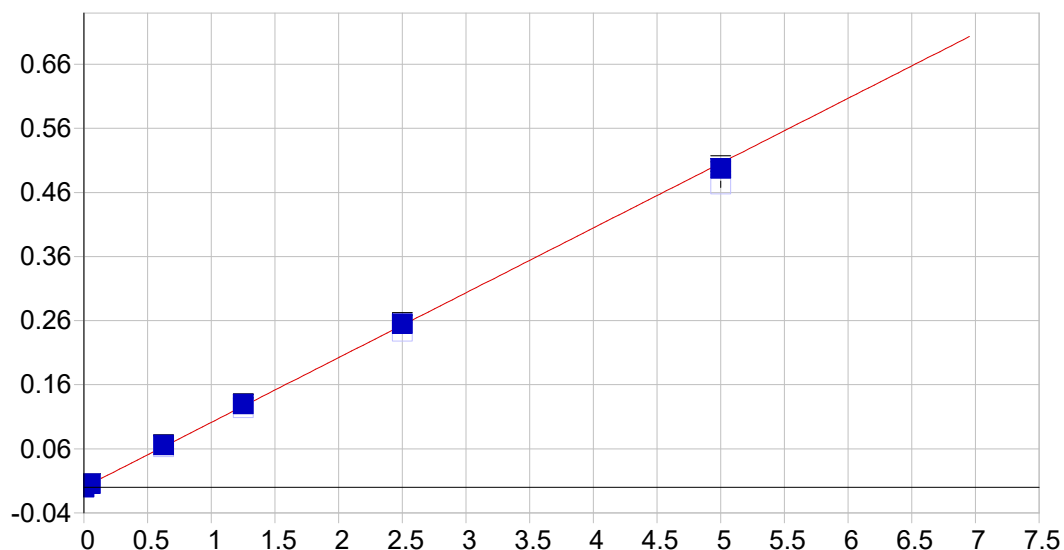


Na 818.326 { 41}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.004033	Re-Slope:	1.000000
A1 (Gain):	0.003263	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.302884		
Predicted MQL:	1.009614		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	-.000	.000	-.00403	.001	1
S1	5.0000	5.1821	.182	3.64	.01288	.002	1
S2	37.500	38.283	.783	2.09	.12141	.001	1
S3	75.000	75.687	.687	.916	.24399	.001	1
S4	150.00	150.09	.088	.059	.48782	.003	1
S5	300.00	299.96	-.038	-.013	.97898	.006	1
S6	800.00	798.30	-1.70	-.213	2.6121	.014	1

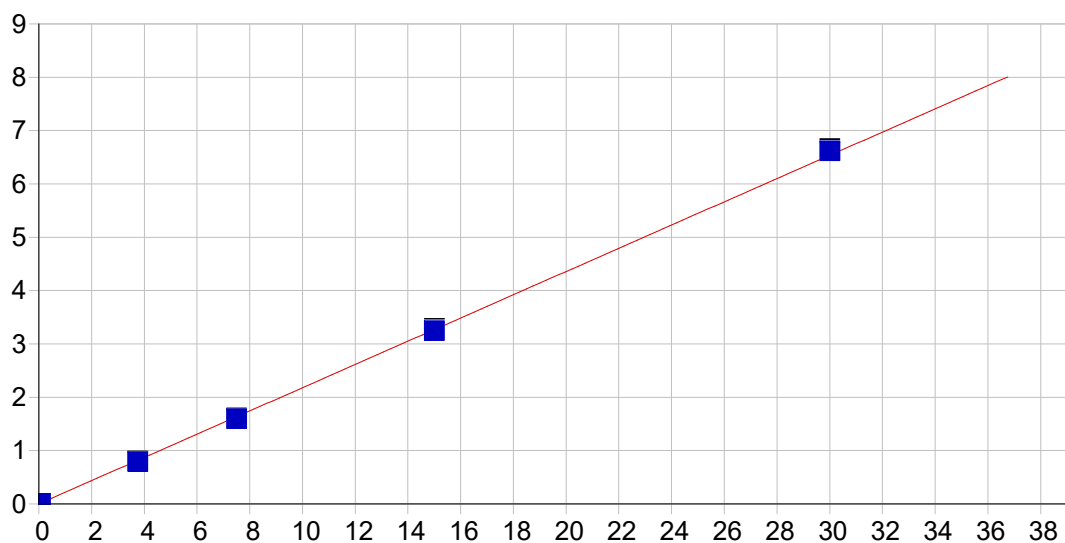


V 292.402 {115}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.101154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999765 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.002840
 Predicted MQL: 0.009466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00003	.000	1
S1	.05000	.05480	.005	9.61	.00557	.000	1
S2	.62500	.65056	.026	4.09	.06281	.000	1
S3	1.2500	1.2828	.033	2.63	.12374	.000	1
S4	2.5000	2.5220	.022	.879	.24302	.002	1
S5	5.0000	4.9146	-.085	-1.71	.47292	.005	1

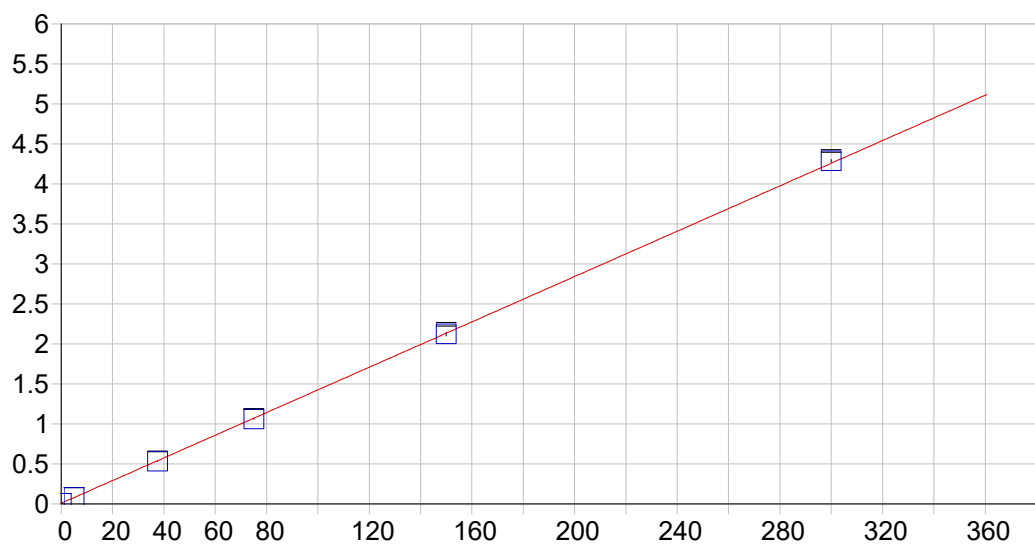


Zn 213.856 {158}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000410 Re-Slope: 1.000000
 A1 (Gain): 0.217846 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.002579
 Predicted MQL: 0.008598

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00041	.000	1
S1	.06000	.06865	.009	14.4	.01540	.000	1
S2	3.7500	3.6474	-.103	-2.74	.79632	.006	1
S3	7.5000	7.3161	-.184	-2.45	1.5969	.012	1
S4	15.000	14.912	-.088	-.587	3.2543	.031	1
S5	30.000	30.366	.366	1.22	6.6262	.033	1

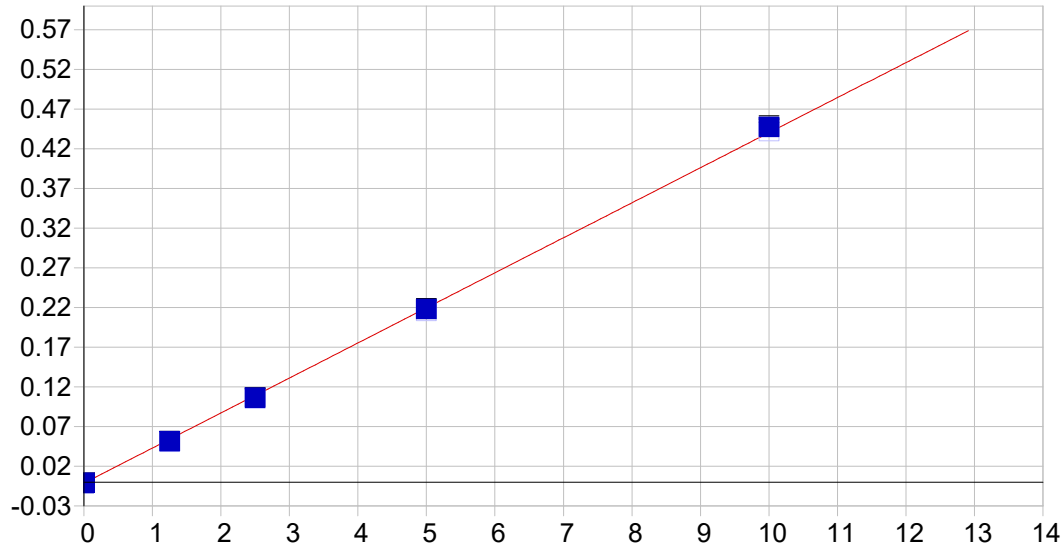


K 769.896 { 44 }

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008766 Re-Slope: 1.000000
 A1 (Gain): 0.014167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000222
 Predicted MDL: 0.076564
 Predicted MQL: 0.255214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00877	.000	1
S1	5.0000	4.9960	-.004	-.080	.07954	.001	1
S2	37.500	36.957	-.543	-1.45	.53233	.003	1
S3	75.000	74.304	-.696	-.927	1.0614	.005	1
S4	150.00	149.18	-.817	-.544	2.1222	.023	1
S5	300.00	302.06	2.06	.686	4.2880	.016	1

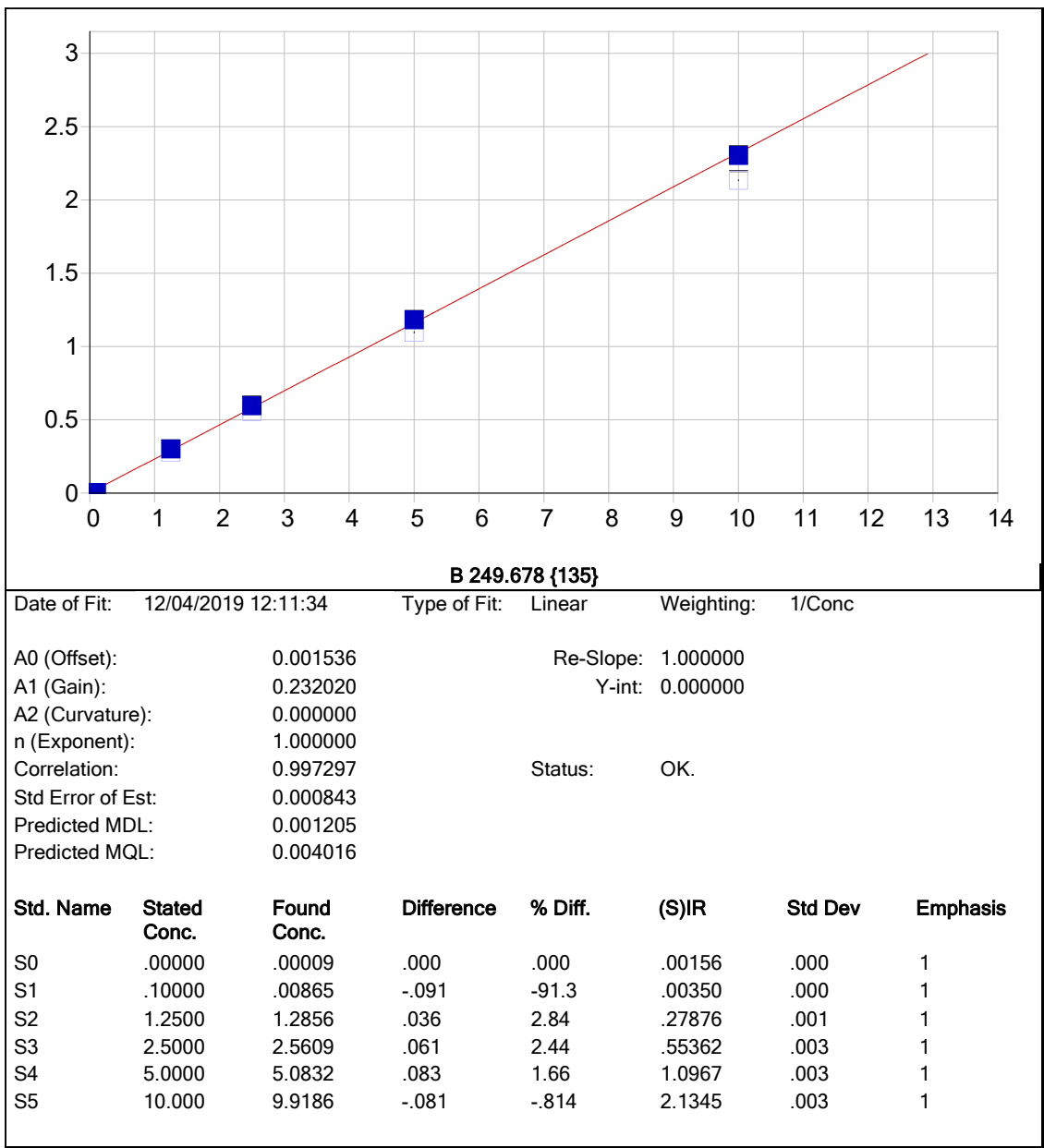


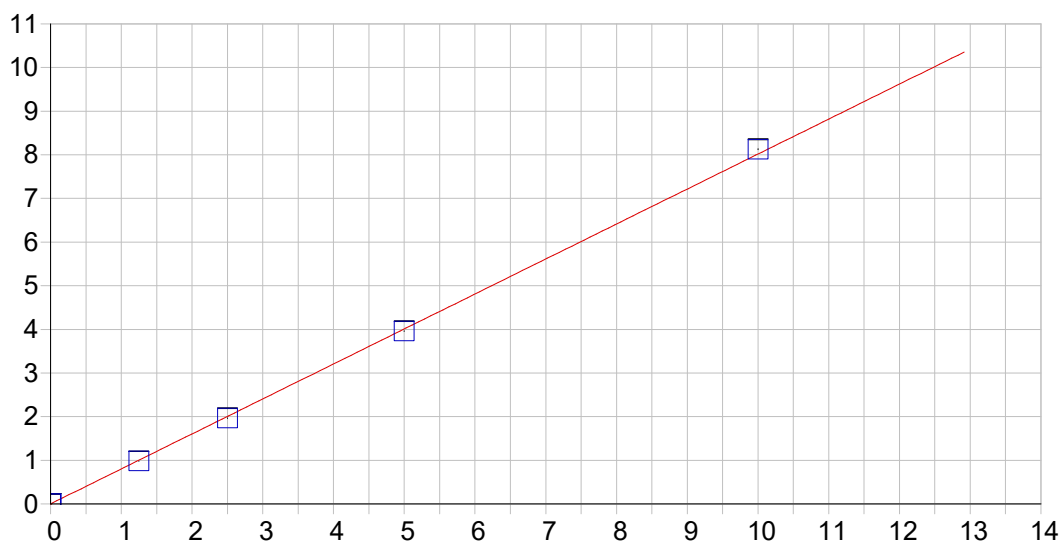
P 177.495 {490}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001249 Re-Slope: 1.000000
 A1 (Gain): 0.044166 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.002645
 Predicted MQL: 0.008817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00125	.000	1
S1	.01000	.00935	-.001	-6.52	-.00084	.000	1
S2	1.2500	1.1923	-.058	-4.61	.05079	.000	1
S3	2.5000	2.4333	-.067	-2.67	.10498	.000	1
S4	5.0000	4.9667	-.033	-.666	.21564	.001	1
S5	10.000	10.158	.158	1.58	.44245	.002	1



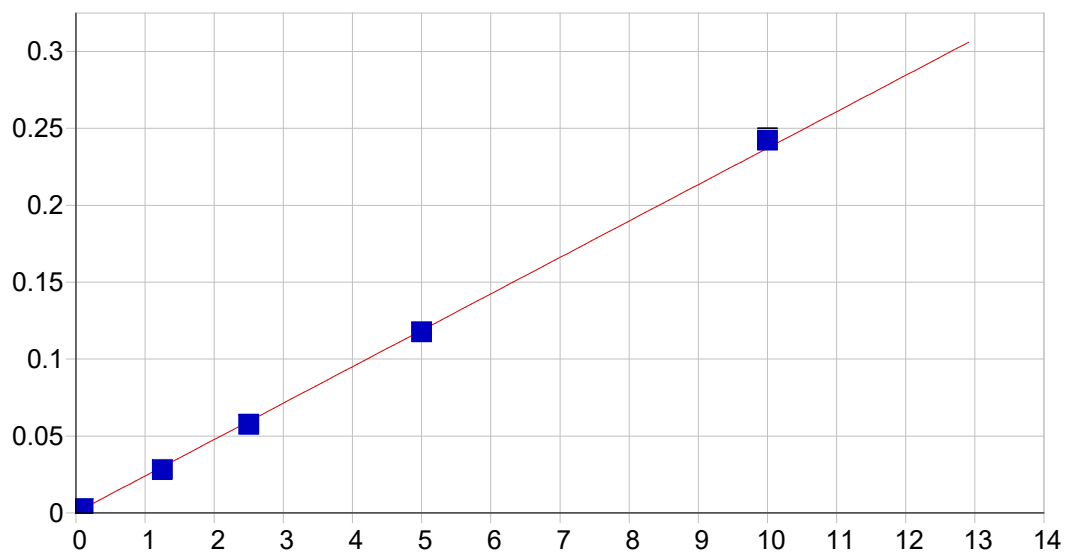


Mo 202.030 {467}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000686 Re-Slope: 1.000000
 A1 (Gain): 0.801677 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000205
 Predicted MDL: 0.000334
 Predicted MQL: 0.001112

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00069	.000	1
S1	.01000	.01071	.001	7.15	.00928	.000	1
S2	1.2500	1.2204	-.030	-2.37	.97903	.002	1
S3	2.5000	2.4511	-.049	-1.96	1.9657	.006	1
S4	5.0000	4.9393	-.061	-1.21	3.9604	.006	1
S5	10.000	10.139	.139	1.39	8.1285	.011	1

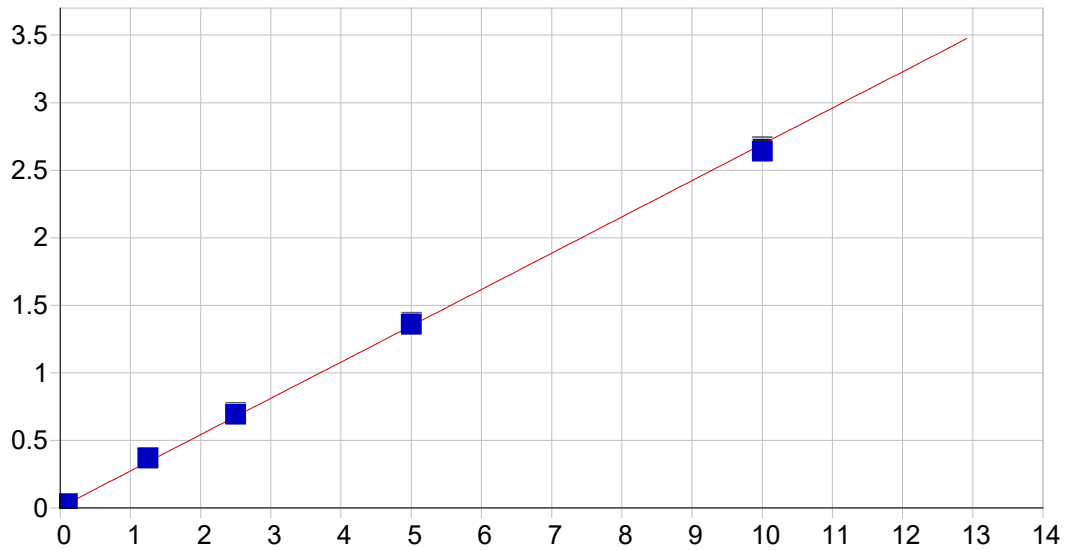


S 182.034 {485}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000360	Re-Slope:	1.000000
A1 (Gain):	0.023678	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999653	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.004798		
Predicted MQL:	0.015993		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00036	.000	1
S1	.10000	.10144	.001	1.44	.00276	.000	1
S2	1.2500	1.1733	-.077	-6.13	.02820	.000	1
S3	2.5000	2.4102	-.090	-3.59	.05755	.000	1
S4	5.0000	4.9488	-.051	-1.02	.11779	.000	1
S5	10.000	10.216	.216	2.16	.24276	.001	1

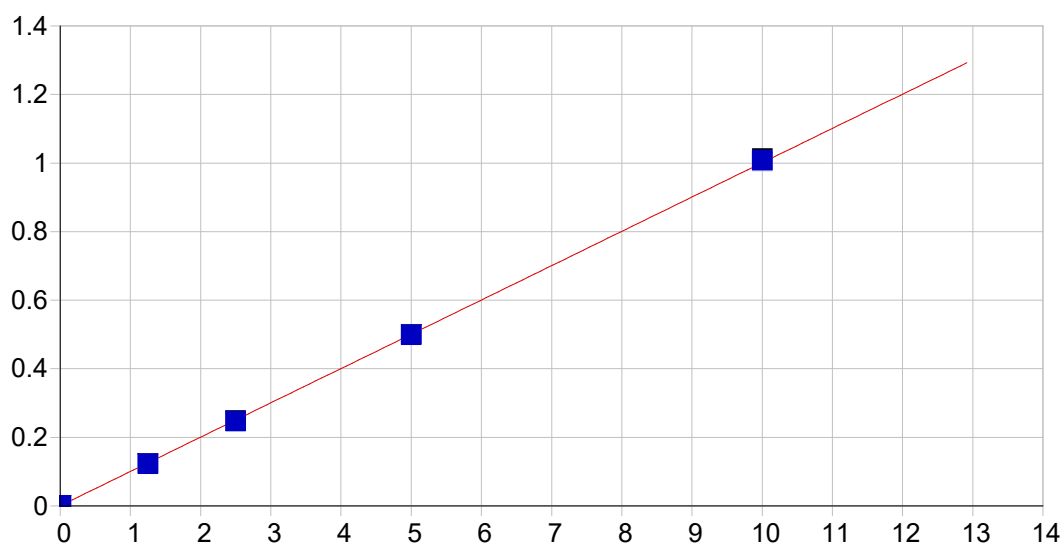


Si 251.611 {134}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004731	Re-Slope:	1.000000
A1 (Gain):	0.268650	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000376		
Predicted MDL:	0.001115		
Predicted MQL:	0.003717		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00473	.000	1
S1	.10000	.10128	.001	1.28	.03203	.000	1
S2	1.2500	1.3474	.097	7.79	.36969	.002	1
S3	2.5000	2.5614	.061	2.46	.69880	.005	1
S4	5.0000	5.0337	.034	.674	1.3689	.005	1
S5	10.000	9.8062	-.194	-1.94	2.6629	.010	1

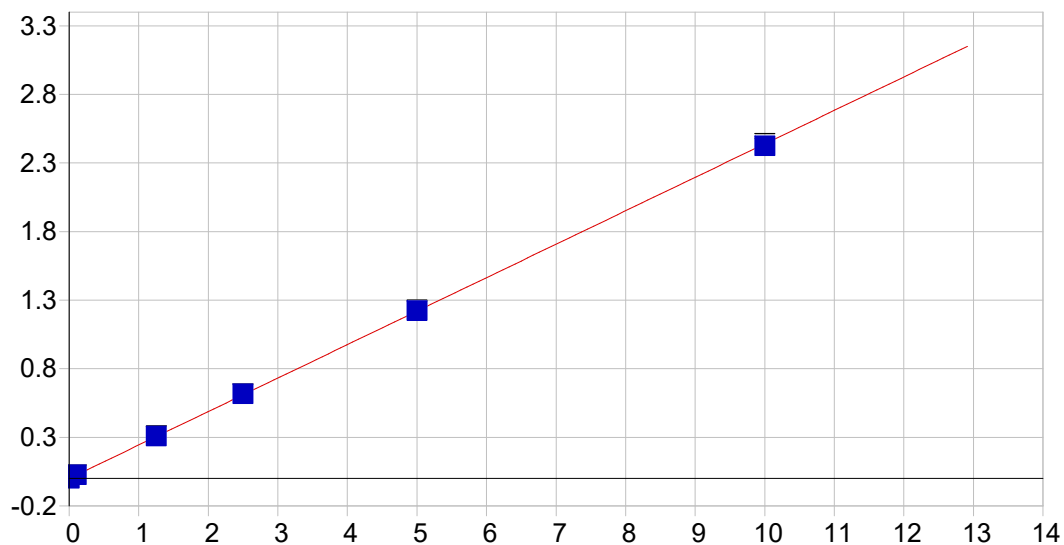


Sn 189.989 {478}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000403 Re-Slope: 1.000000
 A1 (Gain): 0.100043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.001223
 Predicted MQL: 0.004078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.00700	.00665	-.000	-5.00	.00105	.000	1
S2	1.2500	1.2238	-.026	-2.09	.12258	.000	1
S3	2.5000	2.4669	-.033	-1.32	.24668	.001	1
S4	5.0000	4.9918	-.008	-.165	.49876	.000	1
S5	10.000	10.068	.068	.679	1.0056	.005	1

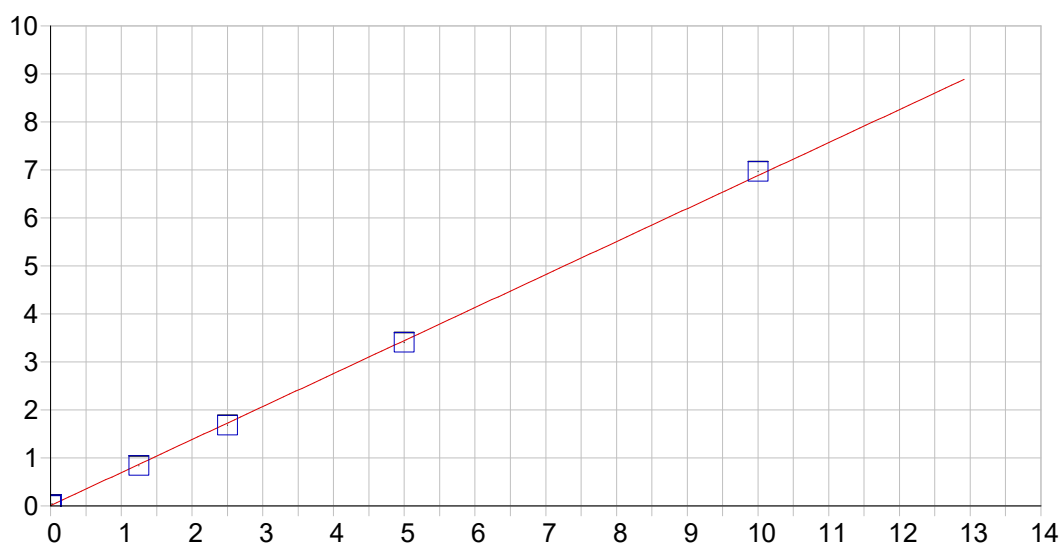


Ti 336.121 {100}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000298 Re-Slope: 1.000000
 A1 (Gain): 0.243941 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999975 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.001530
 Predicted MQL: 0.005099

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.10000	.10240	.002	2.40	.02527	.000	1
S2	1.2500	1.2680	.018	1.44	.30951	.001	1
S3	2.5000	2.5234	.023	.938	.61566	.003	1
S4	5.0000	5.0160	.016	.320	1.2235	.004	1
S5	10.000	9.9402	-.060	-.598	2.4243	.017	1



Li 670.784 { 50}

Date of Fit: 12/04/2019 12:11:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007274 Re-Slope: 1.000000
 A1 (Gain): 0.687421 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997912 Status: OK.
 Std Error of Est: 0.000914
 Predicted MDL: 0.001773
 Predicted MQL: 0.005908

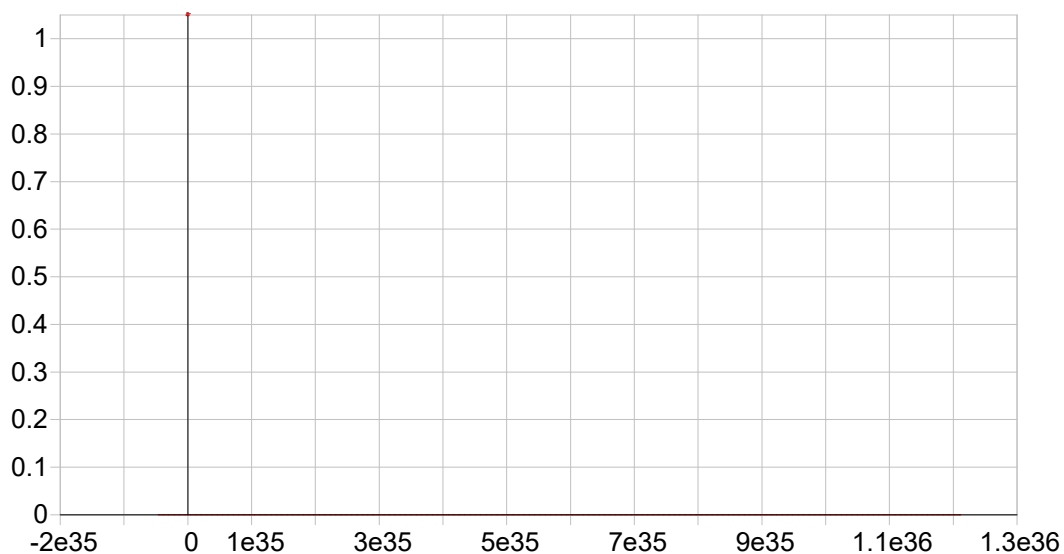
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00725	.000	1
S5	10.000	10.127	.127	1.27	6.9688	.005	1
S4	5.0000	4.9449	-.055	-1.10	3.4065	.010	1
S3	2.5000	2.4379	-.062	-2.48	1.6831	.003	1
S2	1.2500	1.2071	-.043	-3.43	.83706	.001	1
S1	.01500	.04816	.033	221.	.04038	.001	1

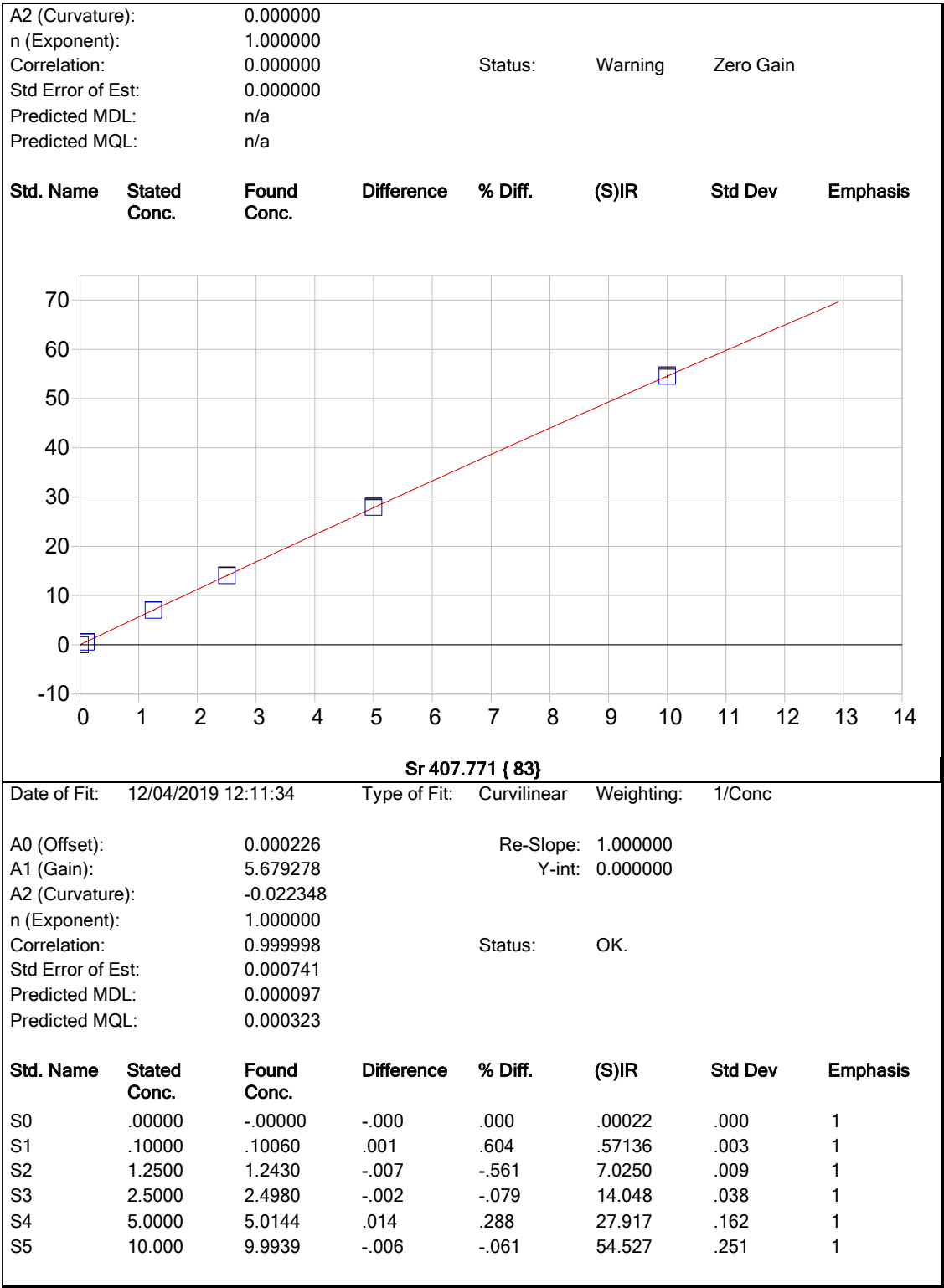






Y 371.030 { 91}*





Sample Name: S0 Acquired: 12/04/2019 11:31:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	-.00060	-.00072	-.00017	.00068	.00090	.00249	.00278	-.00095
Stddev	.00006	.00017	.00027	.00013	.00035	.00069	.00022	.00022
%RSD	10.199	23.010	163.67	18.968	38.552	27.586	7.7482	23.616

#1	-.00054	-.00055	-.00008	.00082	.00053	.00301	.00258	-.00076
#2	-.00060	-.00088	.00005	.00056	.00096	.00171	.00301	-.00119
#3	-.00066	-.00073	-.00048	.00067	.00121	.00273	.00275	-.00088

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	.00046	-.00001	-.00000	.00003	.00151	.00005	.00027	.00002
Stddev	.00012	.00018	.00005	.00008	.00033	.00016	.00022	.00018
%RSD	25.753	2483.7	10524.	247.88	21.894	289.09	81.683	764.62

#1	.00060	.00003	.00006	.00012	.00188	-.00005	.00002	.00019
#2	.00038	-.00021	-.00002	.00001	.00136	.00023	.00035	-.00017
#3	.00042	.00015	-.00004	-.00003	.00127	-.00002	.00044	.00005

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	-.00201	-.00097	-.00403	.00003	.00041	.00877	-.00125	.00156
Stddev	.00010	.00002	.00106	.00011	.00004	.00020	.00010	.00011
%RSD	4.8242	1.7145	26.379	309.66	9.2520	2.3000	7.8722	7.1355

#1	-.00207	-.00095	-.00526	.00016	.00040	.00895	-.00131	.00152
#2	-.00206	-.00098	-.00343	-.00002	.00045	.00879	-.00130	.00147
#3	-.00190	-.00096	-.00340	-.00003	.00038	.00855	-.00114	.00168

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	.00069	.00036	.00473	.00040	.00030	.00725	.00022	
Stddev	.00008	.00005	.00009	.00008	.00036	.00030	.00032	
%RSD	11.124	13.080	1.8905	20.890	120.94	4.1096	143.05	

#1	.00069	.00034	.00465	.00049	-.00001	.00759	.00026	
#2	.00076	.00041	.00471	.00039	.00022	.00713	-.00011	
#3	.00061	.00033	.00482	.00033	.00069	.00703	.00052	

Sample Name: S0 Acquired: 12/04/2019 11:31:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	1838.9	2421.0	46685.	11031.	3767.2
Stddev	9.5	1.8	191.	4.	5.3
%RSD	.51819	.07333	.40977	.03913	.13998
#1	1846.3	2419.4	46701.	11036.	3761.6
#2	1828.1	2420.7	46487.	11030.	3768.0
#3	1842.1	2422.9	46869.	11028.	3772.0

Sample Name: S1 Acquired: 12/04/2019 11:35:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	-.00002	.00073	.00152	.00296	.01286	.01648	.58096	.01760
Stddev	.00011	.00008	.00023	.00010	.00036	.00049	.00274	.00028
%RSD	496.86	10.888	15.412	3.3557	2.8294	2.9517	.47111	1.5745
#1	.00004	.00067	.00125	.00296	.01245	.01666	.58094	.01791
#2	-.00014	.00069	.00168	.00306	.01314	.01592	.57823	.01753
#3	.00004	.00082	.00164	.00287	.01299	.01684	.58371	.01737
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	.01104	.25211	.00173	.03131	.00522	.00240	.00871	.05041
Stddev	.00015	.00204	.00006	.00005	.00005	.00025	.00014	.00038
%RSD	1.3659	.81018	3.3805	.16949	1.0209	10.317	1.5939	.75286
#1	.01089	.25239	.00175	.03133	.00518	.00213	.00884	.05052
#2	.01103	.24994	.00178	.03136	.00528	.00246	.00873	.04998
#3	.01119	.25400	.00166	.03125	.00520	.00262	.00857	.05072
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	.02298	.00145	.01288	.00557	.01540	.07954	-.00084	.00350
Stddev	.00016	.00001	.00165	.00012	.00043	.00050	.00008	.00013
%RSD	.71102	.95191	12.804	2.1148	2.8104	.63004	9.6750	3.6024
#1	.02315	.00146	.01435	.00563	.01577	.08003	-.00087	.00363
#2	.02297	.00143	.01110	.00543	.01551	.07956	-.00074	.00338
#3	.02282	.00145	.01318	.00564	.01493	.07903	-.00090	.00347
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	.00928	.00276	.03203	.00105	.02527	.04038	.57136	
Stddev	.00028	.00002	.00033	.00014	.00044	.00097	.00261	
%RSD	2.9678	.83270	1.0386	13.572	1.7448	2.3902	.45665	
#1	.00958	.00274	.03208	.00095	.02521	.03980	.57437	
#2	.00905	.00277	.03168	.00098	.02574	.03984	.56999	
#3	.00919	.00278	.03235	.00121	.02486	.04149	.56972	

Sample Name: S1 Acquired: 12/04/2019 11:35:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	1854.4	2418.7	47202.	11123.	3799.9
Stddev	6.3	3.6	83.	113.	10.1
%RSD	.34204	.14776	.17492	1.0125	.26507
#1	1861.4	2416.1	47169.	10999.	3788.6
#2	1852.8	2422.8	47296.	11219.	3807.8
#3	1849.0	2417.2	47141.	11152.	3803.4

Sample Name: S2 Acquired: 12/04/2019 11:40:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	.06040	.07793	.83674	.08244	.23578	2.6241	6.9949	.44121
Stddev	.00033	.00040	.00174	.00027	.00057	.0056	.0152	.00191
%RSD	.54246	.51853	.20835	.32647	.24060	.21253	.21667	.43238

#1	.06002	.07748	.83480	.08221	.23521	2.6302	7.0002	.43981
#2	.06059	.07805	.83723	.08273	.23578	2.6228	7.0066	.44339
#3	.06059	.07826	.83818	.08238	.23635	2.6192	6.9777	.44045

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	1.2635	3.0081	.58586	.37806	.56838	.83074	1.9527	.60019
Stddev	.0019	.0050	.00093	.00036	.00047	.00303	.0027	.00141
%RSD	.14715	.16445	.15810	.09480	.08354	.36436	.13734	.23573

#1	1.2614	3.0106	.58536	.37771	.56878	.83351	1.9558	.59951
#2	1.2642	3.0114	.58693	.37804	.56786	.83120	1.9509	.60182
#3	1.2649	3.0024	.58529	.37843	.56851	.82751	1.9515	.59924

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	.36421	.07054	.12141	.06281	.79632	.53233	.05079	.27876
Stddev	.00089	.00036	.00107	.00043	.00581	.00252	.00016	.00095
%RSD	.24548	.51545	.87959	.68492	.72979	.47303	.31117	.34113

#1	.36419	.07095	.12018	.06240	.80228	.53519	.05085	.27768
#2	.36333	.07025	.12197	.06326	.79601	.53044	.05061	.27913
#3	.36512	.07044	.12209	.06278	.79067	.53136	.05091	.27947

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	.97903	.02820	.36969	.12258	.30951	.83706	7.0250
Stddev	.00245	.00007	.00184	.00024	.00102	.00090	.0089
%RSD	.25063	.24604	.49638	.19486	.33010	.10770	.12681

#1	.97737	.02817	.36758	.12258	.30833	.83638	7.0315
#2	.97787	.02828	.37087	.12234	.31011	.83808	7.0148
#3	.98185	.02816	.37063	.12282	.31008	.83671	7.0286

Sample Name: S2 Acquired: 12/04/2019 11:40:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	1800.9	2335.0	46461.	11077.	3652.7
Stddev	8.0	4.3	322.	32.	5.9
%RSD	.44393	.18415	.69311	.29187	.16162
#1	1791.7	2337.5	46093.	11070.	3658.3
#2	1806.3	2337.5	46600.	11112.	3653.2
#3	1804.6	2330.1	46691.	11048.	3646.5

Sample Name: S3 Acquired: 12/04/2019 11:43:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	.12269	.15795	1.6802	.16494	.47267	5.2710	13.967	.86392
Stddev	.00009	.00039	.0021	.00080	.00015	.0061	.029	.00554
%RSD	.07526	.24977	.12680	.48437	.03225	.11550	.21037	.64136

#1	.12278	.15820	1.6827	.16584	.47276	5.2707	13.999	.86154
#2	.12271	.15816	1.6790	.16433	.47249	5.2651	13.961	.85996
#3	.12260	.15750	1.6790	.16464	.47275	5.2772	13.941	.87025

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	2.5076	5.9677	1.1589	.75910	1.1256	1.6309	3.8454	1.2003
Stddev	.0048	.0146	.0043	.00066	.0044	.0039	.0113	.0060
%RSD	.19129	.24381	.36884	.08651	.38826	.23648	.29445	.50313

#1	2.5072	5.9774	1.1600	.75878	1.1304	1.6343	3.8580	1.2060
#2	2.5030	5.9747	1.1625	.75866	1.1246	1.6267	3.8361	1.1940
#3	2.5126	5.9509	1.1542	.75985	1.1218	1.6317	3.8421	1.2010

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	.72965	.14268	.24399	.12374	1.5969	1.0614	.10498	.55362
Stddev	.00078	.00037	.00087	.00050	.0125	.0050	.00018	.00315
%RSD	.10679	.25997	.35838	.40368	.78215	.47092	.17594	.56967

#1	.73022	.14302	.24484	.12333	1.6075	1.0619	.10507	.55219
#2	.72876	.14229	.24310	.12358	1.5831	1.0562	.10477	.55143
#3	.72997	.14274	.24403	.12429	1.6000	1.0662	.10511	.55723

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	1.9657	.05755	.69880	.24668	.61566	1.6831	14.048
Stddev	.0057	.00017	.00490	.00104	.00317	.0034	.038
%RSD	.29198	.29410	.70073	.42187	.51486	.20486	.27365

#1	1.9675	.05773	.69978	.24780	.61930	1.6857	14.084
#2	1.9592	.05739	.69349	.24575	.61349	1.6844	14.052
#3	1.9702	.05754	.70313	.24648	.61419	1.6792	14.007

Sample Name: S3 Acquired: 12/04/2019 11:43:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	1770.0	2259.3	46028.	11048.	3520.9
Stddev	10.2	7.6	223.	12.	9.7
%RSD	.57626	.33474	.48381	.10818	.27542
#1	1764.3	2252.2	45870.	11034.	3510.3
#2	1781.8	2267.3	45931.	11052.	3529.3
#3	1764.0	2258.4	46282.	11057.	3523.0

Sample Name: S5 Acquired: 12/04/2019 11:51:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	.52276	.61877	6.8987	.65674	1.9869	21.213	54.555	3.2844
Stddev	.00130	.00192	.0198	.00179	.0033	.178	.576	.0080
%RSD	.24935	.31027	.28675	.27193	.16514	.83726	1.0560	.24494

#1	.52131	.61696	6.8823	.65468	1.9835	21.281	54.406	3.2901
#2	.52315	.61856	6.8931	.65781	1.9871	21.012	54.068	3.2879
#3	.52383	.62079	6.9206	.65773	1.9900	21.347	55.191	3.2752

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.8995	23.488	4.3794	3.0616	4.4582	6.1718	14.758	4.7610
Stddev	.0219	.050	.0030	.0060	.0303	.0365	.055	.0406
%RSD	.22167	.21241	.06762	.19639	.67945	.59192	.37489	.85357

#1	9.8908	23.493	4.3826	3.0575	4.4334	6.1735	14.727	4.7624
#2	9.8832	23.436	4.3787	3.0589	4.4919	6.1344	14.725	4.7197
#3	9.9244	23.535	4.3768	3.0685	4.4491	6.2074	14.822	4.8009

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	2.9107	.58423	.97898	.47292	6.6262	4.2880	.44245	2.1345
Stddev	.0049	.00230	.00590	.00483	.0334	.0159	.00171	.0033
%RSD	.16764	.39301	.60267	1.0214	.50349	.37181	.38638	.15398

#1	2.9080	.58261	.98256	.47361	6.6180	4.2928	.44095	2.1380
#2	2.9077	.58686	.97217	.46778	6.5977	4.2702	.44208	2.1314
#3	2.9163	.58323	.98221	.47737	6.6629	4.3009	.44431	2.1340

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.1285	.24276	2.6629	1.0056	2.4243	6.9688	54.527
Stddev	.0107	.00115	.0096	.0048	.0174	.0053	.251
%RSD	.13218	.47514	.35965	.47746	.71693	.07575	.46049

#1	8.1187	.24173	2.6727	1.0019	2.4104	6.9647	54.305
#2	8.1270	.24253	2.6625	1.0037	2.4438	6.9668	54.475
#3	8.1400	.24401	2.6536	1.0110	2.4187	6.9747	54.799

Sample Name: S5 Acquired: 12/04/2019 11:51:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	1579.6	1959.0	44233.	10868.	3080.9
Stddev	7.4	4.8	119.	26.	9.8
%RSD	.47087	.24480	.26935	.23650	.31840
#1	1577.7	1961.8	44320.	10849.	3085.0
#2	1573.3	1961.8	44098.	10857.	3088.1
#3	1587.8	1953.5	44282.	10897.	3069.8

Sample Name: S4 Acquired: 12/04/2019 11:47:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	.25288	.31428	3.4044	.33019	.96194	10.557	27.753	1.6886
Stddev	.00077	.00032	.0017	.00075	.00216	.084	.132	.0072
%RSD	.30267	.10246	.04912	.22717	.22456	.80026	.47526	.42625

#1	.25232	.31391	3.4029	.32944	.95960	10.611	27.836	1.6969
#2	.25375	.31448	3.4042	.33094	.96233	10.602	27.822	1.6843
#3	.25258	.31446	3.4062	.33019	.96387	10.460	27.600	1.6846

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.9827	11.884	2.2650	1.5231	2.2365	3.1798	7.5463	2.3916
Stddev	.0056	.063	.0033	.0023	.0035	.0170	.0498	.0086
%RSD	.11245	.53351	.14515	.15067	.15556	.53439	.65945	.35847

#1	4.9772	11.910	2.2682	1.5220	2.2326	3.1854	7.5601	2.3961
#2	4.9824	11.931	2.2616	1.5216	2.2392	3.1934	7.5877	2.3970
#3	4.9884	11.812	2.2652	1.5257	2.2377	3.1608	7.4911	2.3817

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	1.4573	.28857	.48782	.24302	3.2543	2.1222	.21564	1.0967
Stddev	.0015	.00054	.00331	.00202	.0309	.0225	.00070	.0034
%RSD	.10520	.18577	.67852	.83101	.94851	1.0608	.32316	.30570

#1	1.4557	.28874	.48869	.24469	3.2827	2.1342	.21488	1.0967
#2	1.4574	.28899	.49061	.24360	3.2587	2.1361	.21624	1.0934
#3	1.4587	.28797	.48416	.24077	3.2214	2.0962	.21579	1.1001

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	3.9604	.11779	1.3689	.49876	1.2235	3.4065	27.917
Stddev	.0061	.00028	.0049	.00036	.0037	.0097	.162
%RSD	.15315	.23666	.36086	.07161	.30240	.28458	.58158

#1	3.9540	.11794	1.3671	.49847	1.2198	3.4087	27.963
#2	3.9610	.11795	1.3651	.49866	1.2234	3.4149	28.051
#3	3.9661	.11746	1.3745	.49916	1.2272	3.3959	27.736

Sample Name: S4 Acquired: 12/04/2019 11:47:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	1671.8	2133.4	45065.	10919.	3319.5
Stddev	10.2	2.2	157.	17.	3.3
%RSD	.60742	.10543	.34897	.15241	.09877
#1	1661.1	2136.0	45081.	10910.	3323.1
#2	1672.9	2131.8	44901.	10908.	3316.7
#3	1681.4	2132.4	45214.	10938.	3318.7

Sample Name: S6 Acquired: 12/04/2019 11:55:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	53.424	37.524	15.937	7.5929	2.6121
Stddev	.244	.268	.057	.0221	.0140
%RSD	.45619	.71500	.35818	.29049	.53744

#1	53.704	37.785	15.974	7.6006	2.6237
#2	53.257	37.249	15.872	7.5680	2.5965
#3	53.312	37.539	15.966	7.6101	2.6161

Int. Std.	Y_3710
Units	Cts/S
Avg	10773.
Stddev	60.
%RSD	.55860

#1	10708.
#2	10784.
#3	10827.

Sample Name: ICV Acquired: 12/04/2019 12:20:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	.9647418	1.017301	.9624596	1.024706	.9617703	2.292818
Stddev	.0031926	.004156	.0030499	.004207	.0028492	.008057
%RSD	.3309249	.4085782	.3168869	.4105524	.2962489	.3513831

#1	.9671885	1.014441	.9589540	1.025673	.9634433	2.295826
#2	.9611304	1.022069	.9645043	1.020099	.9584805	2.283691
#3	.9659065	1.015393	.9639205	1.028345	.9633872	2.298939

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5137485	.5023476	.5167190	10.17278	.5374860	.5017376
Stddev	.0016461	.0032021	.0012641	.01582	.0017266	.0013879
%RSD	.3204031	.6374165	.2446434	.1555442	.3212283	.2766262

#1	.5149246	.5059521	.5159302	10.18500	.5355146	.5012571
#2	.5118674	.4998321	.5160497	10.15491	.5387289	.5006538
#3	.5144535	.5012586	.5181770	10.17844	.5382144	.5033019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4953617	10.53109	.5158175	5.732789	.5093812	.2336280
Stddev	.0023087	.05582	.0013214	.026689	.0007712	.0005963
%RSD	.4660554	.5300412	.2561812	.4655419	.1513978	.2552305

#1	.4938104	10.59184	.5167564	5.702327	.5090877	.2343165
#2	.4980148	10.48206	.5143064	5.752064	.5087998	.2332916
#3	.4942599	10.51938	.5163896	5.743975	.5102560	.2332759

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.531816	.5004694	1.084014	9.035471	F .0027116	F .0142143
Stddev	.276295	.0033205	.012260	.034227	.0017852	.0010244
%RSD	2.898660	.6634722	1.131017	.3788047	65.83628	7.206741

#1	9.447258	.4981994	1.096732	8.996833	.0006948	.0151238
#2	9.307681	.5042804	1.072269	9.061987	.0040893	.0131046
#3	9.840509	.4989285	1.083042	9.047593	.0033509	.0144145

Sample Name: ICV Acquired: 12/04/2019 12:20:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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 .0003719	F -.003315	F -.001425	F -.001571	F -.000703	F .0018682
Stddev	.0003278	.003060	.000366	.001172	.002159	.0002186
%RSD	88.13247	92.30135	25.64362	74.63690	307.2274	11.70009

#1	.0005242	-.005356	-.001776	-.001831	-.003196	.0021069
#2	-.000004	-.004792	-.001454	-.002591	.000539	.0016779
#3	.000596	.000203	-.001046	-.000290	.000549	.0018199

Elem	Sr4077
Units	ppm
Avg	F .0012454
Stddev	.0000443
%RSD	3.558992

#1	.0012709
#2	.0012712
#3	.0011942

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1873.066	2357.394	48085.64	11292.22	3742.102
Stddev	14.675	6.681	64.96	32.20	2.100
%RSD	.7834622	.2834025	.1350914	.2851654	.0561141

#1	1856.741	2350.098	48025.06	11258.64	3739.734
#2	1885.161	2363.212	48077.62	11295.18	3742.832
#3	1877.297	2358.872	48154.23	11322.84	3743.739

Sample Name: ICB Acquired: 12/04/2019 12:27:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	-.000669	-.002381	-.000647	.0045912	.0010557	-.010078	-.001203
Stddev	.000824	.001838	.000833	.0001149	.0008081	.003358	.000504
%RSD	123.1196	77.17962	128.6075	2.502036	76.54926	33.31938	41.94142

#1	-.000306	-.004383	.000270	.0047092	.0011211	-.013242	-.001266
#2	-.001612	-.001991	-.000857	.0045848	.0018291	-.006555	-.001673
#3	-.000089	-.000770	-.001355	.0044797	.0002168	-.010438	-.000670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000093	-.000129	-.008513	.0003567	.0000676	.0000058	.0019621
Stddev	.0000343	.000083	.004658	.0002950	.0001436	.0015666	.0041465
%RSD	366.6986	64.17715	54.71372	82.70090	212.4636	26795.61	211.3317

#1	.0000479	-.000111	-.004041	.0000474	-.000040	-.001259	.0059156
#2	-.000017	-.000220	-.008161	.0003877	.000231	-.000481	-.002354
#3	-.000002	-.000057	-.013337	.0006349	.000012	.001758	.002324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001812	-.003783	-.000194	.0003526	.0583846	-.000630	-.000175
Stddev	.0002335	.019174	.000410	.0001775	.1066243	.002275	.000907
%RSD	128.9104	506.8534	210.5982	50.33790	182.6239	361.1338	517.4789

#1	.0001749	.006409	.000278	.0005465	.0331147	-.003108	.000524
#2	-.000049	.008143	-.000406	.0001982	-.033335	.001364	-.001200
#3	.000418	-.025901	-.000455	.0003131	.175374	-.000145	.000151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.050021	.0016231	-.002083	.0002558	-.003612	-.004084	-.000639
Stddev	.090883	.0019625	.001736	.0002046	.001118	.001155	.000156
%RSD	181.6879	120.9105	83.32954	79.98117	30.96423	28.27330	24.43141

#1	-.014135	-.000638	-.000238	.0000244	-.003985	-.002790	-.000814
#2	.017439	.002880	-.003684	.0004128	-.002355	-.004454	-.000590
#3	-.153369	.002628	-.002326	.0003303	-.004496	-.005008	-.000513

Sample Name: ICB Acquired: 12/04/2019 12:27:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	-.000016	.0006507	.0000189
Stddev	.000363	.0008952	.0000885
%RSD	2256.589	137.5734	468.0797

#1	-.000223	.0014758	-.000067
#2	.000404	-.000301	.000014
#3	-.000229	.000777	.000110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.836	2347.058	47643.89	11238.27	3693.622
Stddev	9.596	2.518	282.29	37.79	8.956
%RSD	.5187580	.1072793	.5924959	.3362489	.2424597

#1	1856.566	2344.178	47604.30	11245.34	3683.496
#2	1838.848	2348.843	47383.50	11197.45	3696.870
#3	1854.096	2348.153	47943.89	11272.03	3700.500

Sample Name: CCV086 Acquired: 12/04/2019 14:09:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV086 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.163690	5.148582	25.73826	5.043827	5.108536	409.8920	10.37570
Stddev	.025777	.014600	.04137	.014415	.008517	3.3660	.03867
%RSD	.4991983	.2835764	.1607403	.2857873	.1667136	.8211891	.3727120

#1	5.150820	5.143587	25.72978	5.048747	5.116143	409.0188	10.41404
#2	5.146881	5.137134	25.70178	5.027597	5.099335	407.0487	10.33671
#3	5.193367	5.165024	25.78321	5.055138	5.110129	413.6086	10.37636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4913637	2.549947	425.8098	15.65497	2.587885	15.92200	418.9699
Stddev	.0025840	.005955	1.4647	.03421	.005278	.03932	1.4889
%RSD	.5258911	.2335400	.3439720	.2185261	.2039643	.2469463	.3553693

#1	.4932219	2.550938	427.0772	15.65860	2.590135	15.96706	420.3576
#2	.4884128	2.543559	424.2063	15.68721	2.581855	15.89464	417.3971
#3	.4924563	2.555345	426.1458	15.61908	2.591666	15.90431	419.1550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.27479	403.5953	2.581155	1.262077	415.9081	2.482612	14.80498
Stddev	.04724	1.7487	.005758	.001466	2.3375	.006843	.11529
%RSD	.3092399	.4332833	.2230668	.1161682	.5620336	.2756390	.7787563

#1	15.32865	404.8342	2.580832	1.260933	418.2029	2.487310	14.78303
#2	15.24041	401.5949	2.575566	1.261567	413.5300	2.474761	14.92968
#3	15.25529	404.3567	2.587067	1.263729	415.9914	2.485766	14.70224

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.2598	5.323945	5.331894	4.956842	5.314179	5.015142	5.147324
Stddev	1.0087	.003536	.030361	.006535	.013381	.039599	.010388
%RSD	.6668811	.0664115	.5694159	.1318443	.2517989	.7895983	.2018063

#1	152.1317	5.323917	5.356378	4.956485	5.303597	5.042564	5.148626
#2	150.1550	5.327495	5.297923	4.950493	5.329220	4.969743	5.136347
#3	151.4926	5.320424	5.341382	4.963548	5.309719	5.033118	5.157000

Sample Name: CCV086 Acquired: 12/04/2019 14:09:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV086 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.219072	5.272673	5.263151
Stddev	.007670	.017874	.036421
%RSD	.1469530	.3389882	.6919924

#1	5.226097	5.287803	5.221919
#2	5.210889	5.252952	5.276599
#3	5.220230	5.277264	5.290936

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.263	2018.864	44637.91	10852.61	3063.239
Stddev	5.408	3.500	149.21	75.49	8.337
%RSD	.3294980	.1733581	.3342759	.6955771	.2721680

#1	1643.028	2015.310	44810.08	10834.28	3055.875
#2	1635.192	2022.307	44546.03	10935.58	3072.291
#3	1645.567	2018.976	44557.63	10787.98	3061.551

Sample Name: ICSAB Acquired: 12/04/2019 12:35:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	.0950485	.1124615	.0490554	.0388280	.6050096	233.8223
Stddev	.0066643	.0058673	.0007787	.0033616	.0024212	1.4348
%RSD	7.011462	5.217158	1.587329	8.657638	.4001839	.6136482

#1	.0905651	.1171646	.0485536	.0367167	.6073140	235.2432
#2	.1027066	.1058867	.0499524	.0370628	.6052283	233.8497
#3	.0918739	.1143333	.0486601	.0427045	.6024866	232.3739

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5182269	.4970017	1.004797	245.7846	.5651055	.4972076
Stddev	.0036982	.0069864	.001793	2.1934	.0009849	.0006480
%RSD	.7136239	1.405706	.1784389	.8924159	.1742933	.1303219

#1	.5207612	.5042697	1.002930	247.4775	.5648742	.4967311
#2	.5199363	.4963996	1.004956	246.5697	.5661855	.4969462
#3	.5139833	.4903359	1.006506	243.3067	.5642567	.4979454

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4731547	100.0539	.5113713	246.5454	.9952250	.1938846
Stddev	.0021467	.6605	.0058068	.9773	.0033330	.0011275
%RSD	.4537013	.6601318	1.135544	.3964157	.3349032	.5815450

#1	.4756304	100.6201	.5154682	247.4241	.9928501	.1951820
#2	.4720240	100.2134	.5139197	246.7194	.9937896	.1933306
#3	.4718097	99.3283	.5047260	245.4928	.9990352	.1931413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.369885	.4970563	1.126749	-.065935	F .0118863	F .5590752
Stddev	.087729	.0012163	.003054	.048452	.0010309	.0069142
%RSD	23.71796	.2447068	.2710545	73.48502	8.673136	1.236717

#1	-.328178	.4962263	1.125271	-.093708	.0108507	.5535452
#2	-.470687	.4964901	1.130261	-.009987	.0129125	.5568532
#3	-.310789	.4984525	1.124715	-.094109	.0118959	.5668272

Sample Name: ICSAB Acquired: 12/04/2019 12:35:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5171999	.0052668	F .4183208	F .5369007	F .4322003	.0058582
Stddev	.0391091	.0016363	.0051146	.0413799	.0029633	.0007006
%RSD	7.561704	31.06775	1.222649	7.707186	.6856406	11.95969
#1	.4767830	.0065399	.4170568	.4937148	.4297413	.0065939
#2	.5199618	.0034212	.4139567	.5407868	.4313692	.0051990
#3	.5548548	.0058393	.4239489	.5762005	.4354905	.0057818

Elem	Sr4077
Units	ppm
Avg	.0987039
Stddev	.0006262
%RSD	.6344105
#1	.0992090
#2	.0988995
#3	.0980033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.509	2227.757	45700.35	11073.34	3398.040
Stddev	10.373	4.589	64.15	107.31	5.895
%RSD	.5875092	.2059780	.1403661	.9690795	.1734771
#1	1760.338	2227.023	45744.84	10955.34	3391.356
#2	1758.738	2232.668	45626.82	11099.58	3402.497
#3	1777.450	2223.579	45729.40	11165.09	3400.266

Sample Name: ICSA Acquired: 12/04/2019 12:31:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	.0037490	.0044905	-.005873	-.007121	.0071852	225.5503
Stddev	.0006194	.0013117	.003018	.001653	.0013976	.5636
%RSD	16.52181	29.21045	51.39465	23.22033	19.45076	.2498787

#1	.0039180	.0049527	-.004242	-.005262	.0063736	226.0652
#2	.0042663	.0055086	-.009356	-.007673	.0063830	225.6374
#3	.0030626	.0030103	-.004021	-.008427	.0087990	224.9482

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046552	.0007732	.0004202	237.0647	.0469861	-.000062
Stddev	.0002070	.0000542	.0000839	.9581	.0009837	.000144
%RSD	4.447699	7.002693	19.95712	.4041496	2.093682	231.4107

#1	.0046644	.0008276	.0005168	237.7128	.0459363	-.000221
#2	.0048574	.0007193	.0003774	237.5172	.0478868	-.000025
#3	.0044436	.0007727	.0003664	235.9642	.0471351	.000060

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004181	96.96502	.0129769	238.0444	.0008151	-.005098
Stddev	.002914	.18936	.0001800	.3060	.0003779	.000357
%RSD	69.68441	.1952872	1.386862	.1285303	46.36445	6.997470

#1	-.006427	97.07021	.0131415	238.2730	.0007463	-.004686
#2	-.005228	97.07844	.0127847	238.1634	.0004763	-.005299
#3	-.000889	96.74642	.0130047	237.6968	.0012227	-.005309

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.627029	.0033726	.0029576	-.098803	.0065930	F .1171992
Stddev	.165617	.0028359	.0014566	.017162	.0015773	.0013783
%RSD	26.41299	84.08499	49.25087	17.37001	23.92353	1.176059

#1	-.787347	.0065816	.0016503	-.117708	.0054291	.1159607
#2	-.637162	.0023327	.0026946	-.084204	.0083881	.1186841
#3	-.456578	.0012035	.0045277	-.094498	.0059617	.1169526

Sample Name: ICSA Acquired: 12/04/2019 12:31:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) 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	.0011383	.0003920	-.006282	-.004675	-.003281	.0044548
Stddev	.0004994	.0063658	.000193	.000541	.000406	.0008117
%RSD	43.87557	1623.946	3.071262	11.57046	12.37587	18.21969

#1	.0012334	.0061787	-.006445	-.004236	-.003103	.0050838
#2	.0005981	-.006427	-.006332	-.005279	-.002995	.0047422
#3	.0015833	.001424	-.006069	-.004511	-.003746	.0035386

Elem	Sr4077
Units	ppm
Avg	.0931689
Stddev	.0003194
%RSD	.3428599

#1	.0933273
#2	.0933782
#3	.0928012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.928	2235.979	45873.12	11077.16	3410.393
Stddev	8.635	1.249	240.45	53.06	2.994
%RSD	.4881524	.0558426	.5241634	.4789775	.0877960

#1	1762.023	2237.287	45595.48	11033.74	3408.272
#2	1778.610	2235.851	46009.61	11061.46	3413.818
#3	1766.152	2234.800	46014.25	11136.30	3409.089

Sample Name: CCB085 Acquired: 12/04/2019 12:44:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029494	.0007720	.0007551	-.000225	-.000150	.0231569	-.000451
Stddev	.0008939	.0012931	.0016845	.001619	.000617	.0085944	.000192
%RSD	30.30848	167.4912	223.0659	719.3790	411.8907	37.11373	42.48584

#1	.0031304	-.000288	-.000480	.001645	-.000788	.0221409	-.000410
#2	.0037389	.002213	.002674	-.001132	.000444	.0322141	-.000660
#3	.0019788	.000391	.000072	-.001188	-.000105	.0151156	-.000283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000485	-.000080	.0241288	.0007431	.0000434	.0015391	.0232819
Stddev	.0000413	.000075	.0065500	.0003056	.0001756	.0034106	.0063474
%RSD	85.13951	94.06959	27.14596	41.12997	404.4504	221.5947	27.26336

#1	.0000663	-.000019	.0248115	.0006666	.0002359	.0014290	.0306061
#2	.0000013	-.000164	.0172642	.0010798	.0000024	.0050034	.0193814
#3	.0000779	-.000056	.0303107	.0004830	-.000108	-.001815	.0198582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007792	.0012397	.0000076	.0004926	-.000188	.0001492	.0001683
Stddev	.0001909	.0171985	.0005033	.0001447	.128595	.0009971	.0010670
%RSD	24.49653	1387.292	6591.149	29.37226	68408.47	668.3019	633.9210

#1	.0006436	-.001038	.0001249	.0003959	.130042	.0010074	.0011767
#2	.0009974	-.014706	.0004420	.0004230	-.003522	-.000945	.0002772
#3	.0006964	.019464	-.000544	.0006589	-.127084	.000385	-.000949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0687203	.0008356	.0105459	.0005104	-.002410	-.003003	.0001755
Stddev	.0795777	.0006920	.0015337	.0002943	.003346	.000923	.0008662
%RSD	115.7993	82.81486	14.54318	57.64814	138.8429	30.74490	493.4859

#1	.1236809	.0015598	.0112351	.0006572	.000264	-.003322	.0011751
#2	-.022534	.0007661	.0116142	.0007025	-.001331	-.001963	-.000356
#3	.105014	.0001810	.0087885	.0001717	-.006162	-.003725	-.000292

Sample Name: CCB085 Acquired: 12/04/2019 12:44:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004476	.0090280	.0002563
Stddev	.0008043	.0016973	.0001851
%RSD	179.7069	18.80051	72.20764

#1	.0002465	.0109878	.0004364
#2	-.000237	.0080617	.0002657
#3	.001333	.0080345	.0000667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.151	2346.844	47776.53	11146.04	3686.476
Stddev	6.602	3.116	179.00	22.50	5.336
%RSD	.3530353	.1327574	.3746654	.2018277	.1447468

#1	1866.144	2348.644	47848.61	11159.88	3691.291
#2	1866.537	2348.642	47572.72	11120.08	3687.398
#3	1877.771	2343.247	47908.25	11158.15	3680.739

Sample Name: CCV085 Acquired: 12/04/2019 12:40:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.173920	5.208365	26.07261	5.040332	5.145269	427.3332	10.63865
Stddev	.023187	.011697	.05333	.015971	.018090	8.8898	.08774
%RSD	.4481508	.2245748	.2045427	.3168543	.3515804	2.080288	.8247254

#1	5.191037	5.218232	26.13414	5.056390	5.165113	436.8859	10.70781
#2	5.183192	5.211417	26.04389	5.040154	5.140997	425.8107	10.66819
#3	5.147532	5.195444	26.03980	5.024450	5.129698	419.3030	10.53995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5099482	2.591901	437.0441	15.98822	2.624722	16.14877	432.0041
Stddev	.0063527	.004410	2.5006	.04919	.004971	.04706	3.3422
%RSD	1.245746	.1701485	.5721558	.3076787	.1894047	.2914330	.7736568

#1	.5169345	2.596987	439.4135	15.99875	2.630416	16.18108	434.6350
#2	.5045184	2.589149	437.2885	15.93461	2.622509	16.09478	433.1340
#3	.5083918	2.589566	434.4303	16.03129	2.621242	16.17046	428.2434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68544	418.3909	2.615429	1.302011	428.9663	2.579749	15.38457
Stddev	.08458	2.6584	.003585	.007732	4.6054	.037528	.28452
%RSD	.5392040	.6353778	.1370701	.5938593	1.073610	1.454731	1.849362

#1	15.75207	419.9623	2.618305	1.308804	432.5176	2.600888	15.32389
#2	15.71396	419.8887	2.616568	1.303631	430.6186	2.601939	15.69453
#3	15.59029	415.3215	2.611412	1.293596	423.7626	2.536419	15.13528

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.7903	5.351917	5.496003	5.028818	5.354980	5.159361	5.228792
Stddev	2.0106	.005125	.060938	.014283	.015634	.068406	.016795
%RSD	1.274215	.0957553	1.108768	.2840132	.2919486	1.325868	.3211993

#1	159.7980	5.355004	5.566368	5.039458	5.339481	5.238290	5.246762
#2	157.7960	5.346001	5.460864	5.034410	5.354716	5.122542	5.226121
#3	155.7769	5.354745	5.460777	5.012586	5.370745	5.117249	5.213492

Sample Name: CCV085 Acquired: 12/04/2019 12:40:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV085 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.293270	5.386848	5.353611
Stddev	.019267	.028023	.068790
%RSD	.3639943	.5202138	1.284929

#1	5.288608	5.409250	5.430415
#2	5.276762	5.395868	5.297660
#3	5.314440	5.355425	5.332760

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.721	2031.364	44283.59	10828.01	3071.261
Stddev	16.974	4.981	141.16	115.05	2.698
%RSD	1.038362	.2452068	.3187589	1.062542	.0878495

#1	1624.476	2029.671	44243.36	10700.71	3070.269
#2	1625.374	2027.450	44166.92	10924.57	3069.199
#3	1654.315	2036.970	44440.50	10858.76	3074.314

Sample Name: PB125054BS Acquired: 12/04/2019 12:53:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224432	.0450200	.0186450	.0680025	.1143093	.3598342
Stddev	.0008511	.0012279	.0020750	.0024668	.0009001	.0121634
%RSD	3.792339	2.727394	11.12915	3.627510	.7874266	3.380289

#1	.0220911	.0437026	.0183620	.0651545	.1150096	.3474455
#2	.0234139	.0461325	.0208470	.0693860	.1146241	.3602978
#3	.0218247	.0452248	.0167259	.0694671	.1132940	.3717592

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3740350	.0094190	.0093395	9.472904	.0202074	.0906252
Stddev	.0007962	.0000756	.0001152	.041927	.0002340	.0006115
%RSD	.2128746	.8025217	1.233197	.4425991	1.158101	.6747069

#1	.3739437	.0093486	.0093673	9.451733	.0202578	.0911759
#2	.3748730	.0094096	.0092130	9.521195	.0204121	.0899672
#3	.3732884	.0094989	.0094383	9.445783	.0199522	.0907325

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0417972	.1993330	.0298400	9.003266	.0764091	.0184634
Stddev	.0007117	.0061797	.0003428	.044186	.0006367	.0002667
%RSD	1.702677	3.100174	1.148816	.4907822	.8332212	1.444185

#1	.0416357	.1946644	.0302335	8.962169	.0756975	.0185639
#2	.0425757	.1969939	.0296059	8.997628	.0769247	.0186653
#3	.0411801	.2063408	.0296806	9.050000	.0766052	.0181612

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.809320	.0932979	.1217193	8.496386	.0208987	F .0185858
Stddev	.135767	.0025382	.0026783	.009322	.0009808	.0012001
%RSD	1.541170	2.720547	2.200382	.1097125	4.693375	6.456783

#1	8.821828	.0960929	.1229229	8.503493	.0202526	.0176518
#2	8.938399	.0926640	.1186503	8.485832	.0204162	.0181664
#3	8.667731	.0911367	.1235845	8.499832	.0220274	.0199393

Sample Name: PB125054BS Acquired: 12/04/2019 12:53:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS054 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184958	.1735936	.1727016	F .0090610	.1850840	F .0910886
Stddev	.0002044	.0064003	.0010580	.0004502	.0017675	.0016203
%RSD	1.104940	3.686965	.6126158	4.968625	.9549471	1.778829

#1	.0184451	.1797528	.1716944	.0085613	.1834212	.0928276
#2	.0183215	.1669767	.1738040	.0091870	.1869402	.0896214
#3	.0187207	.1740513	.1726064	.0094349	.1848906	.0908167

Elem	Sr4077
Units	ppm
Avg	.1828174
Stddev	.0007510
%RSD	.4107816

#1	.1820616
#2	.1835634
#3	.1828274

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.844	2342.050	47997.99	11254.39	3729.510
Stddev	15.394	2.923	423.78	34.62	5.656
%RSD	.8245836	.1248022	.8829170	.3076502	.1516461

#1	1853.029	2338.701	47516.10	11264.08	3722.990
#2	1864.065	2343.365	48312.59	11215.95	3733.089
#3	1883.438	2344.085	48165.29	11283.13	3732.452

Sample Name: PB125054BL Acquired: 12/04/2019 12:49:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS054 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000146	-.002381	-.000124	.0039248	.0004575	-.011008	-.001139
Stddev	.002894	.002758	.000943	.0033823	.0008188	.008492	.000359
%RSD	1981.328	115.8338	763.0679	86.17768	178.9740	77.14236	31.53109

#1	-.002821	.000772	-.000849	.0000704	-.000266	-.010099	-.000753
#2	-.000544	-.003571	-.000464	.0063975	.001346	-.003007	-.001463
#3	.002927	-.004344	.000942	.0053066	.000293	-.019917	-.001202

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000122	-.000070	-.004315	.0001398	.0001987	.0006346	.0021865
Stddev	.0000603	.000115	.002148	.0004250	.0002479	.0021761	.0041078
%RSD	495.8552	163.2795	49.78014	304.0589	124.7475	342.8843	187.8726

#1	.0000494	.000037	-.003074	.0000875	.0001493	-.001871	.0048290
#2	-.000057	-.000191	-.006795	.0005886	.0004677	.001719	.0042764
#3	.000044	-.000056	-.003075	-.000257	-.000021	.002056	-.002546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003416	-.009571	-.000362	.0002345	-.173207	.0006442	-.000502
Stddev	.0004948	.009045	.000166	.0006506	.315649	.0028126	.003170
%RSD	144.8440	94.49861	45.80166	277.4114	182.2383	436.5853	630.9106

#1	.0003340	-.010762	-.000271	.0009098	-.340738	.0020492	.001302
#2	-.000149	.000010	-.000553	.0001819	-.369770	-.002594	-.004162
#3	.000840	-.017961	-.000261	-.000388	.190888	.002478	.001353

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054505	.0022118	.0011201	-.000011	-.007898	-.003799	-.002173
Stddev	.052285	.0030460	.0008654	.000350	.004095	.000965	.000415
%RSD	95.92707	137.7160	77.25854	3164.264	51.84518	25.39244	19.07341

#1	.005354	.0051412	.0004395	-.000190	-.008515	-.002696	-.001767
#2	-.077623	-.000939	.0008268	.000392	-.003530	-.004484	-.002595
#3	-.091247	.002433	.0020941	-.000235	-.011649	-.004218	-.002157

Sample Name: PB125054BL Acquired: 12/04/2019 12:49:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS054 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002071	.0023474	.0000551
Stddev	.0005117	.0016767	.0000217
%RSD	247.0696	71.42742	39.35806

#1	-.000374	.0028202	.0000352
#2	.000591	.0037369	.0000782
#3	.000404	.0004851	.0000520

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.910	2339.392	47653.69	11107.81	3680.097
Stddev	9.230	6.464	86.23	46.63	7.154
%RSD	.4959687	.2763202	.1809433	.4197917	.1943960

#1	1860.856	2332.853	47601.03	11064.06	3674.067
#2	1870.166	2345.779	47606.84	11102.51	3688.002
#3	1851.708	2339.545	47753.20	11156.87	3678.223

Sample Name: K5912-01 Acquired: 12/04/2019 12:57:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164555	.0089365	.0734423	-.017709	.0028119	64.62246	1.036325
Stddev	.0006095	.0011008	.0016752	.002718	.0011145	.30959	.003011
%RSD	3.703865	12.31833	2.281002	15.34610	39.63395	.4790678	.2905783

#1	.0159825	.0088773	.0719956	-.016342	.0037479	64.55740	1.036393
#2	.0171433	.0100657	.0752777	-.015947	.0015791	64.95940	1.039302
#3	.0162407	.0078665	.0730536	-.020839	.0031088	64.35057	1.033280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034171	.0032358	37.14492	.0982059	.0737503	.1102621	146.6207
Stddev	.0000270	.0001586	.10393	.0004483	.0001338	.0010927	.4329
%RSD	.7907128	4.901094	.2797920	.4564632	.1814689	.9909866	.2952458

#1	.0034476	.0030626	37.20809	.0976915	.0736848	.1092157	146.4798
#2	.0034079	.0032708	37.20169	.0984131	.0736619	.1101748	147.1065
#3	.0033959	.0033739	37.02497	.0985131	.0739043	.1113958	146.2758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.502504	28.57101	.1215844	-.005622	2.912005	.3689685	.7484490
Stddev	.008002	.03151	.0003166	.000268	.145200	.0013311	.0056353
%RSD	.2284701	.1103025	.2604190	4.774217	4.986248	.3607603	.7529276

#1	3.509176	28.54613	.1215906	-.005486	2.912490	.3697719	.7530752
#2	3.504705	28.60645	.1212648	-.005449	3.056962	.3674320	.7500987
#3	3.493632	28.56044	.1218979	-.005931	2.766564	.3697015	.7421729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.084019	5.664125	.1847999	.0007004	.9927002	24.53501	.0147268
Stddev	.037966	.002309	.0021940	.0000441	.0031681	.13020	.0004942
%RSD	.6240339	.0407590	1.187216	6.292512	.3191396	.5306598	3.355500

#1	6.054232	5.661723	.1851535	.0006653	.9896216	24.46776	.0143866
#2	6.126769	5.664324	.1867956	.0007498	.9959508	24.68508	.0145000
#3	6.071057	5.666328	.1824506	.0006859	.9925283	24.45219	.0152936

Sample Name: K5912-01 Acquired: 12/04/2019 12:57:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.526597	.0476176	.3089459
Stddev	.003002	.0007997	.0009675
%RSD	.0398894	1.679440	.3131583

#1	7.529113	.0467122	.3100090
#2	7.523274	.0479129	.3081170
#3	7.527404	.0482277	.3087117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.660	2553.047	52273.31	12308.41	3723.498
Stddev	10.884	3.918	381.58	25.44	4.188
%RSD	.5378420	.1534665	.7299716	.2066673	.1124815

#1	2013.467	2555.758	52075.88	12298.49	3726.117
#2	2035.124	2554.828	52713.16	12289.42	3725.710
#3	2022.389	2548.555	52030.90	12337.31	3718.668

Sample Name: K5912-02 Acquired: 12/04/2019 13:01:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133807	.0081405	.0745102	-.012765	.0030373	66.46286	1.021967
Stddev	.0046976	.0023773	.0029432	.002419	.0008914	1.33402	.022186
%RSD	35.10694	29.20349	3.950078	18.94908	29.34732	2.007160	2.170879

#1	.0101616	.0054804	.0722913	-.014233	.0034643	65.37516	1.006390
#2	.0187712	.0088836	.0733902	-.009973	.0036349	67.95131	1.047369
#3	.0112095	.0100574	.0778489	-.014088	.0020128	66.06209	1.012143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034684	.0044228	35.79506	.1008269	.0767293	.1184407	145.0018
Stddev	.0000846	.0001058	.89876	.0014218	.0006521	.0052165	3.7062
%RSD	2.440044	2.393070	2.510856	1.410165	.8498232	4.404301	2.556003

#1	.0034088	.0045040	35.15258	.1024514	.0774208	.1167490	142.6416
#2	.0035653	.0043031	36.82213	.1002210	.0761256	.1242931	149.2735
#3	.0034312	.0044614	35.41049	.0998085	.0766415	.1142800	143.0901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.468189	27.28467	.1183917	-.005049	2.637583	.3527092	.8272582
Stddev	.066148	.72027	.0004903	.000159	.150328	.0103166	.0003800
%RSD	2.680041	2.639820	.4141341	3.156555	5.699455	2.924968	.0459386

#1	2.428778	26.94896	.1181438	-.005012	2.799295	.3465365	.8272418
#2	2.544558	28.11151	.1180748	-.005224	2.502088	.3646192	.8268865
#3	2.431232	26.79355	.1189565	-.004911	2.611364	.3469721	.8276461

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.893898	5.266686	.1819119	.0006807	2.014404	25.66276	.0160138
Stddev	.252925	.018138	.0056084	.0001335	.012972	.68759	.0008179
%RSD	4.291297	.3443860	3.083017	19.61364	.6439381	2.679330	5.107212

#1	5.656823	5.279960	.1786870	.0005732	2.029103	25.18437	.0162771
#2	6.160143	5.246019	.1883878	.0008302	2.004562	26.45072	.0166676
#3	5.864728	5.274079	.1786608	.0006388	2.009548	25.35320	.0150967

Sample Name: K5912-02 Acquired: 12/04/2019 13:01:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.371016	.0498477	.3066120
Stddev	.262522	.0015245	.0095713
%RSD	3.561542	3.058375	3.121639

#1	7.204171	.0495528	.3004480
#2	7.673619	.0514981	.3176385
#3	7.235260	.0484921	.3017496

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.081	2539.538	51972.76	12103.62	3708.133
Stddev	19.862	1.256	274.71	334.17	5.800
%RSD	.9832350	.0494610	.5285610	2.760944	.1564151

#1	2017.115	2538.994	51672.40	12327.13	3703.413
#2	2041.259	2538.646	52211.26	11719.46	3714.608
#3	2001.868	2540.975	52034.63	12264.28	3706.379

Sample Name: K5912-03 Acquired: 12/04/2019 13:05:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136558	.0087215	.0741629	-.017370	.0025401	64.56488	.8154943
Stddev	.0036832	.0023550	.0028441	.001734	.0003286	.34249	.0036165
%RSD	26.97172	27.00167	3.834893	9.984673	12.93822	.5304536	.4434769

#1	.0146643	.0114406	.0773821	-.015369	.0027383	64.18263	.8113381
#2	.0167297	.0073344	.0731155	-.018442	.0027213	64.66817	.8179249
#3	.0095734	.0073896	.0719910	-.018299	.0021608	64.84383	.8172197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033492	.0041652	36.76177	.0976763	.0734683	.1849509	151.7865
Stddev	.0001248	.0000962	.13288	.0002907	.0003042	.0024545	.5055
%RSD	3.725547	2.309660	.3614505	.2976060	.4140595	1.327126	.3330239

#1	.0032053	.0041454	36.60969	.0977329	.0738096	.1821302	151.2360
#2	.0034265	.0042697	36.85542	.0979345	.0732256	.1861207	151.8938
#3	.0034159	.0040804	36.82020	.0973615	.0733698	.1866016	152.2298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.959617	25.15069	.1131529	-.006120	3.334937	.3651033	.8332084
Stddev	.005669	.13080	.0008187	.000183	.093516	.0020245	.0091775
%RSD	.2892822	.5200804	.7235004	2.997577	2.804118	.5545096	1.101464

#1	1.953583	25.05431	.1125921	-.005993	3.438553	.3634117	.8251429
#2	1.960435	25.09816	.1127743	-.006036	3.256804	.3645517	.8312882
#3	1.964832	25.29959	.1140924	-.006330	3.309455	.3673464	.8431941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971109	5.673059	.1912106	.0033512	3.161817	22.22932	.0145300
Stddev	.040416	.013874	.0016705	.0000785	.008264	.16901	.0001766
%RSD	.8130077	.2445574	.8736615	2.343037	.2613605	.7603116	1.215539

#1	4.994600	5.673028	.1895549	.0034304	3.161457	22.07117	.0144179
#2	4.994285	5.659200	.1911814	.0032734	3.170255	22.40742	.0144385
#3	4.924442	5.686948	.1928955	.0033499	3.153740	22.20938	.0147336

Sample Name: K5912-03 Acquired: 12/04/2019 13:05:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.221400	.0436865	.2882046
Stddev	.020275	.0013885	.0003434
%RSD	.2807605	3.178397	.1191335

#1	7.244781	.0425760	.2886010
#2	7.210747	.0432403	.2880118
#3	7.208672	.0452433	.2880010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.757	2528.421	52306.97	12241.84	3701.695
Stddev	13.064	4.013	231.41	22.58	7.448
%RSD	.6436177	.1587064	.4424104	.1844416	.2012018

#1	2038.102	2524.117	52246.53	12223.58	3693.907
#2	2036.467	2529.087	52562.60	12234.86	3702.430
#3	2014.701	2532.059	52111.77	12267.09	3708.749

Sample Name: K5912-04 Acquired: 12/04/2019 13:09:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187220	.0085513	.0472376	-.014733	.0018683	54.19451	.6284939
Stddev	.0019375	.0022556	.0011457	.001985	.0018140	.30534	.0017654
%RSD	10.34870	26.37674	2.425486	13.47527	97.09293	.5634135	.2808946

#1	.0193491	.0095027	.0460720	-.014603	-.000216	53.87995	.6264567
#2	.0202682	.0101753	.0472784	-.016780	.003094	54.48970	.6294497
#3	.0165486	.0059759	.0483624	-.012816	.002726	54.21390	.6295754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025857	.0020840	35.09049	.0701207	.0627662	.1033186	130.6033
Stddev	.0000578	.0000393	.12512	.0007968	.0004394	.0012576	.7472
%RSD	2.235329	1.887148	.3565725	1.136288	.7001416	1.217171	.5720901

#1	.0026493	.0021294	34.94601	.0694563	.0628854	.1036534	129.7413
#2	.0025363	.0020616	35.16320	.0710040	.0631338	.1043748	131.0018
#3	.0025716	.0020610	35.16227	.0699018	.0622795	.1019275	131.0666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.364971	22.61564	.1003468	-.005314	3.060912	.3172254	.5807596
Stddev	.006896	.16423	.0005771	.000358	.213549	.0018718	.0052198
%RSD	.2915864	.7261801	.5750659	6.744488	6.976633	.5900657	.8987920

#1	2.357748	22.44063	.1006116	-.005473	2.839455	.3155699	.5820594
#2	2.365679	22.63989	.1007439	-.005565	3.265558	.3168497	.5750127
#3	2.371485	22.76640	.0996849	-.004904	3.077722	.3192566	.5852067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.893234	5.726883	.1634445	.0008690	.9695647	18.84644	.0108760
Stddev	.051905	.026283	.0033188	.0001433	.0089961	.12129	.0009198
%RSD	1.333200	.4589416	2.030554	16.49186	.9278446	.6435631	8.457117

#1	3.835547	5.744889	.1596516	.0008089	.9796189	18.86279	.0098347
#2	3.936157	5.739038	.1648672	.0007656	.9667989	18.95873	.0115776
#3	3.907997	5.696723	.1658149	.0010326	.9622762	18.71781	.0112158

Sample Name: K5912-04 Acquired: 12/04/2019 13:09:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.565773	.0407312	.2766318
Stddev	.031993	.0004689	.0006748
%RSD	.4872621	1.151304	.2439467

#1	6.565099	.0405124	.2762862
#2	6.534123	.0412695	.2761997
#3	6.598097	.0404116	.2774094

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.647	2513.854	51586.56	12136.62	3717.642
Stddev	5.555	6.416	41.70	28.10	10.517
%RSD	.2780647	.2552450	.0808430	.2315452	.2828988

#1	1991.572	2512.125	51549.80	12146.53	3717.561
#2	2002.466	2508.480	51631.88	12104.91	3707.166
#3	1998.904	2520.958	51577.99	12158.42	3728.200

Sample Name: K5912-06 Acquired: 12/04/2019 13:17:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0877264	.1145297	.0872686	.0764208	.1908384	56.50947	4.544246
Stddev	.0013209	.0023310	.0006854	.0011087	.0005925	.11748	.006640
%RSD	1.505678	2.035308	.7854458	1.450733	.3104533	.2078987	.1461142

#1	.0862069	.1119458	.0870157	.0753286	.1905043	56.39182	4.536631
#2	.0886006	.1151690	.0867456	.0763886	.1904885	56.50980	4.547280
#3	.0883718	.1164744	.0880446	.0775452	.1915225	56.62679	4.548826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963893	.1045558	34.26833	.4664052	1.076388	.5166468	129.8420
Stddev	.0003011	.0003926	.08155	.0073680	.002724	.0019207	.3117
%RSD	.3123906	.3755437	.2379645	1.579748	.2531089	.3717701	.2400712

#1	.0960473	.1050053	34.18262	.4681309	1.079063	.5146572	129.5541
#2	.0965062	.1042797	34.34496	.4727573	1.073617	.5184904	129.7989
#3	.0966145	.1043824	34.27740	.4583275	1.076483	.5167929	130.1731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.270790	22.07953	1.119852	.0799340	2.935916	1.256092	1.619753
Stddev	.000525	.03438	.002003	.0012919	.158551	.006437	.021580
%RSD	.0160552	.1557030	.1788897	1.616241	5.400407	.5124384	1.332332

#1	3.270274	22.04865	1.121636	.0799479	2.957586	1.248955	1.630832
#2	3.271324	22.07337	1.117685	.0812189	3.082517	1.257861	1.633545
#3	3.270773	22.11657	1.120237	.0786352	2.767644	1.261459	1.594884

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.748710	5.645432	.1642395	.0004877	.9466973	18.35308	.0119204
Stddev	.035002	.015279	.0015008	.0003014	.0068100	.09189	.0011829
%RSD	.9337026	.2706497	.9137984	61.80207	.7193408	.5006973	9.923640

#1	3.710007	5.644497	.1642579	.0005118	.9388338	18.24886	.0118101
#2	3.778145	5.630641	.1627295	.0001750	.9506389	18.42247	.0131547
#3	3.757978	5.661157	.1657309	.0007764	.9506191	18.38790	.0107965

Sample Name: K5912-06 Acquired: 12/04/2019 13:17:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.442105	.0383758	.2693906
Stddev	.002308	.0004952	.0004374
%RSD	.0358223	1.290505	.1623839

#1	6.444720	.0385016	.2696640
#2	6.441241	.0378298	.2688861
#3	6.440354	.0387960	.2696218

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.082	2501.307	51921.09	12192.53	3710.641
Stddev	30.675	3.395	804.67	9.30	8.510
%RSD	1.524517	.1357253	1.549796	.0762614	.2293429

#1	1998.404	2498.600	51451.55	12189.85	3700.927
#2	1990.625	2500.204	51461.50	12184.88	3716.781
#3	2047.216	2505.116	52850.23	12202.88	3714.215

Sample Name: K5912-05 Acquired: 12/04/2019 13:13:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228118	.0077047	.0484294	-.012860	.0017207	53.78153	.6259698
Stddev	.0043063	.0021285	.0021398	.002830	.0010312	.20935	.0029961
%RSD	18.87764	27.62546	4.418419	22.01034	59.92945	.3892642	.4786418

#1	.0179982	.0052471	.0492160	-.010067	.0028426	54.01510	.6294146
#2	.0262986	.0089568	.0500645	-.015726	.0008143	53.71870	.6239707
#3	.0241385	.0089102	.0460076	-.012786	.0015052	53.61078	.6245239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026308	.0021033	34.86679	.0693059	.0621364	.1014161	129.7942
Stddev	.0000660	.0000554	.21388	.0007543	.0004894	.0038343	.5224
%RSD	2.507730	2.635370	.6134149	1.088342	.7876618	3.780800	.4024561

#1	.0026264	.0021376	35.09002	.0684386	.0625418	.1001641	130.3813
#2	.0025671	.0020394	34.84667	.0696705	.0615927	.0983643	129.6204
#3	.0026988	.0021329	34.66368	.0698087	.0622746	.1057200	129.3809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.345970	22.42729	.0994846	-.005076	3.228611	.3149265	.5713046
Stddev	.012166	.05535	.0007439	.000317	.279060	.0002566	.0054860
%RSD	.5185773	.2467873	.7477655	6.244064	8.643361	.0814881	.9602521

#1	2.359637	22.37169	.0999511	-.004744	3.451162	.3149668	.5719728
#2	2.341950	22.48238	.0998759	-.005109	3.319146	.3151605	.5655151
#3	2.336323	22.42779	.0986267	-.005375	2.915523	.3146521	.5764258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.910230	5.727038	.1607843	.0010746	.9713231	18.75428	.0101482
Stddev	.093021	.015408	.0011922	.0004346	.0047940	.15477	.0012695
%RSD	2.378912	.2690354	.7414735	40.43906	.4935565	.8252492	12.50908

#1	4.012541	5.729166	.1603136	.0006871	.9689725	18.86091	.0106128
#2	3.830751	5.710677	.1621400	.0015444	.9681580	18.57676	.0087119
#3	3.887398	5.741271	.1598994	.0009922	.9768388	18.82516	.0111199

Sample Name: K5912-05 Acquired: 12/04/2019 13:13:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.560415	.0384618	.2744010
Stddev	.021254	.0000670	.0008570
%RSD	.3239785	.1742537	.3123124

#1	6.580696	.0385261	.2751091
#2	6.538305	.0383923	.2734484
#3	6.562245	.0384670	.2746457

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.063	2506.606	51943.36	12152.52	3705.958
Stddev	8.284	3.645	385.78	63.91	9.943
%RSD	.4114987	.1454076	.7426909	.5259235	.2683051

#1	2008.925	2508.830	51517.18	12093.74	3709.869
#2	2022.600	2508.588	52044.22	12220.56	3713.352
#3	2007.663	2502.400	52268.70	12143.28	3694.654

Sample Name: K5912-07 Acquired: 12/04/2019 13:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129062	.0041024	.0433738	-.010523	.0030525	47.06576	.5212894
Stddev	.0016174	.0021306	.0004331	.000776	.0012390	.18042	.0020342
%RSD	12.53170	51.93497	.9985061	7.373877	40.58893	.3833354	.3902306

#1	.0145115	.0042250	.0433279	-.010378	.0042904	46.86034	.5191535
#2	.0129301	.0019132	.0429656	-.009829	.0018124	47.19855	.5232038
#3	.0112770	.0061691	.0438281	-.011361	.0030548	47.13837	.5215109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023158	.0023743	32.86856	.0607321	.0638545	.0747113	122.4871
Stddev	.0001014	.0001747	.06733	.0001588	.0001218	.0014870	.1226
%RSD	4.379872	7.359432	.2048474	.2614140	.1906774	1.990304	.1001142

#1	.0022033	.0021746	32.79087	.0609097	.0639382	.0730911	122.5399
#2	.0024003	.0024492	32.90991	.0606041	.0639105	.0760137	122.5744
#3	.0023437	.0024990	32.90492	.0606825	.0637149	.0750293	122.3469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.790015	21.14964	.1068583	-.004667	2.904376	.2944104	.5700618
Stddev	.003255	.03616	.0004137	.000269	.177698	.0016758	.0035430
%RSD	.1818194	.1709803	.3871055	5.757376	6.118290	.5691930	.6215115

#1	1.793748	21.18754	.1072260	-.004947	3.086431	.2936781	.5659966
#2	1.788527	21.14585	.1069384	-.004640	2.731381	.2963276	.5716965
#3	1.787770	21.11552	.1064104	-.004412	2.895317	.2932253	.5724923

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.364364	5.789150	.1500464	.0006974	.4618235	16.40720	.0109013
Stddev	.099590	.015696	.0007554	.0003003	.0111297	.04520	.0004278
%RSD	4.212129	.2711320	.5034658	43.05804	2.409948	.2755156	3.924724

#1	2.249395	5.778051	.1500846	.0003877	.4497521	16.44459	.0107024
#2	2.419639	5.782291	.1507821	.0007173	.4640407	16.35696	.0113924
#3	2.424057	5.807108	.1492727	.0009873	.4716777	16.42004	.0106091

Sample Name: K5912-07 Acquired: 12/04/2019 13:25:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.920226	.0340754	.2257552
Stddev	.015621	.0004842	.0000490
%RSD	.2638583	1.420875	.0217006

#1	5.938237	.0346315	.2257193
#2	5.912070	.0338474	.2257353
#3	5.910371	.0337473	.2258110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.495	2516.607	52206.39	12272.21	3726.593
Stddev	14.111	4.584	240.13	13.04	8.460
%RSD	.6997620	.1821344	.4599708	.1062506	.2270241

#1	2014.138	2521.880	52102.73	12263.11	3736.332
#2	2003.712	2513.574	52035.50	12266.37	3721.057
#3	2031.636	2514.367	52480.94	12287.15	3722.390

Sample Name: K5912-04LX5 Acquired: 12/04/2019 13:21:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031768	.0020743	.0105875	-.001366	-.000280	11.36428	.1312825
Stddev	.0013993	.0024913	.0018952	.003254	.001678	.02934	.0006430
%RSD	44.04819	120.1008	17.89992	238.1468	598.9704	.2582173	.4898069

#1	.0016890	.0044404	.0092157	-.004799	-.000846	11.33063	.1305926
#2	.0044665	.0023082	.0127499	.001674	.001608	11.38455	.1318652
#3	.0033750	-.000526	.0097967	-.000974	-.001601	11.37765	.1313895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006119	.0002396	7.402887	.0143199	.0121766	.0201206	27.75404
Stddev	.0000079	.0001118	.030222	.0001664	.0002724	.0005337	.04367
%RSD	1.289921	46.63954	.4082439	1.161830	2.237344	2.652345	.1573582

#1	.0006034	.0002694	7.437498	.0142472	.0123218	.0204509	27.72531
#2	.0006134	.0001160	7.389441	.0142023	.0118624	.0204058	27.80430
#3	.0006190	.0003335	7.381721	.0145103	.0123458	.0195049	27.73250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4987335	4.790371	.0199180	-.000993	.5886008	.0682245	.1234128
Stddev	.0013119	.028787	.0002523	.000269	.1856129	.0017582	.0026454
%RSD	.2630552	.6009384	1.266775	27.03598	31.53461	2.577006	2.143547

#1	.4999963	4.822201	.0200860	-.000868	.6057299	.0697991	.1226045
#2	.4973774	4.782751	.0196278	-.001302	.3950170	.0685469	.1212658
#3	.4988267	4.766160	.0200400	-.000810	.7650554	.0663274	.1263681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7283486	1.169806	.0305188	.0002518	.1911732	4.035964	-.000846
Stddev	.0098600	.004731	.0005516	.0001156	.0023571	.041222	.000636
%RSD	1.353747	.4044130	1.807405	45.89072	1.232946	1.021379	75.15766

#1	.7322849	1.168483	.0307997	.0001837	.1911947	4.045904	-.001367
#2	.7171285	1.175058	.0298833	.0001865	.1935194	4.071309	-.000138
#3	.7356325	1.165878	.0308735	.0003852	.1888054	3.990681	-.001033

Sample Name: K5912-04LX5 Acquired: 12/04/2019 13:21:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.385282	.0068430	.0581117
Stddev	.002870	.0012140	.0001491
%RSD	.2071424	17.74030	.2565540

#1	1.383070	.0055319	.0580794
#2	1.388524	.0079280	.0582743
#3	1.384251	.0070691	.0579814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.615	2379.373	48626.01	11446.74	3714.237
Stddev	2.664	3.950	164.65	59.36	5.781
%RSD	.1409235	.1660128	.3386052	.5185949	.1556538

#1	1888.367	2375.353	48479.06	11449.60	3714.775
#2	1889.921	2383.249	48803.96	11386.00	3719.731
#3	1893.558	2379.517	48595.01	11504.62	3708.206

Sample Name: K5912-09 Acquired: 12/04/2019 13:33:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159348	.0104211	.0761899	-.014744	.0039140	75.13553	1.100001
Stddev	.0040537	.0018788	.0017897	.004368	.0000667	.30842	.003092
%RSD	25.43922	18.02844	2.348998	29.62563	1.705176	.4104784	.2811234

#1	.0172962	.0093127	.0741470	-.010395	.0039174	75.48572	1.103409
#2	.0113756	.0093604	.0769409	-.019130	.0038456	74.90435	1.097372
#3	.0191326	.0125904	.0774817	-.014706	.0039790	75.01652	1.099223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040016	.0042036	36.96444	.1063633	.0805211	.1394405	156.1627
Stddev	.0000506	.0000360	.08457	.0008164	.0002795	.0006914	.3707
%RSD	1.264766	.8567979	.2287876	.7675722	.3471470	.4958705	.2373803

#1	.0040585	.0042356	37.05904	.1054642	.0808333	.1397002	156.5817
#2	.0039844	.0041646	36.93809	.1065675	.0804359	.1399645	155.8772
#3	.0039617	.0042105	36.89617	.1070583	.0802941	.1386568	156.0293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.499960	28.45831	.1242105	-.005659	2.335733	.3615065	.7542596
Stddev	.006543	.02881	.0005231	.000252	.230088	.0031112	.0087261
%RSD	.1869508	.1012490	.4211225	4.457287	9.850763	.8606241	1.156915

#1	3.507486	28.45641	.1238128	-.005375	2.086010	.3647149	.7448018
#2	3.495621	28.43049	.1240158	-.005857	2.539139	.3613021	.7559791
#3	3.496773	28.48802	.1248030	-.005744	2.382050	.3585025	.7619981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.544234	5.587100	.1978754	.0003863	1.938810	18.47923	.0144660
Stddev	.074979	.018179	.0015160	.0002668	.005393	.07700	.0008886
%RSD	1.145732	.3253766	.7661288	69.07017	.2781358	.4166919	6.142602

#1	6.628822	5.584619	.1995883	.0006530	1.933042	18.56742	.0140077
#2	6.517926	5.570288	.1967066	.0001194	1.939662	18.44495	.0154901
#3	6.485954	5.606392	.1973312	.0003863	1.943725	18.42533	.0139000

Sample Name: K5912-09 Acquired: 12/04/2019 13:33:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.343882	.0536423	.3119145
Stddev	.015843	.0009765	.0004518
%RSD	.2157362	1.820462	.1448387

#1	7.325599	.0543470	.3123909
#2	7.353565	.0540522	.3114923
#3	7.352484	.0525276	.3118603

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.045	2567.617	52963.59	12650.69	3714.479
Stddev	3.886	.119	104.09	82.56	5.574
%RSD	.1902048	.0046412	.1965297	.6525775	.1500613

#1	2040.576	2567.751	53024.14	12555.71	3717.534
#2	2041.034	2567.577	52843.40	12705.23	3717.858
#3	2047.524	2567.523	53023.24	12691.14	3708.046

Sample Name: K5912-08 Acquired: 12/04/2019 13:29:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169671	.0065355	.0689196	-.013831	.0036268	66.64930	.8921545
Stddev	.0015468	.0038533	.0009109	.005262	.0008346	.28898	.0016500
%RSD	9.116447	58.95959	1.321693	38.04400	23.01248	.4335876	.1849426

#1	.0153457	.0102120	.0697308	-.019534	.0043445	66.33332	.8939905
#2	.0171290	.0025269	.0679342	-.012792	.0027109	66.90018	.8907958
#3	.0184265	.0068677	.0690939	-.009166	.0038249	66.71439	.8916772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032756	.0029633	37.32711	.0942397	.0725572	.1423092	149.9980
Stddev	.0000271	.0001504	.06356	.0000466	.0004705	.0052421	.4027
%RSD	.8287766	5.075163	.1702755	.0494924	.6484149	3.683609	.2684960

#1	.0033034	.0028999	37.31071	.0942867	.0723255	.1475516	149.5363
#2	.0032492	.0028550	37.27337	.0941934	.0722475	.1370673	150.2768
#3	.0032743	.0031350	37.39727	.0942392	.0730985	.1423086	150.1809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.121833	28.08492	.1153692	-.005949	3.239110	.3639400	.6802787
Stddev	.003618	.16235	.0003137	.000055	.102390	.0022590	.0109955
%RSD	.1158997	.5780687	.2718943	.9254196	3.161061	.6206976	1.616320

#1	3.120887	27.90042	.1154344	-.005943	3.272906	.3624349	.6691668
#2	3.118783	28.20594	.1150280	-.005897	3.320330	.3665375	.6805153
#3	3.125831	28.14840	.1156451	-.006007	3.124094	.3628476	.6911540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.541287	5.876731	.1864205	.0008298	1.590348	22.02392	.0131453
Stddev	.079222	.032462	.0009141	.0002549	.012195	.12799	.0006999
%RSD	1.429674	.5523811	.4903299	30.71375	.7667961	.5811444	5.324196

#1	5.462176	5.850717	.1859183	.0010753	1.581750	21.92789	.0139286
#2	5.620620	5.866367	.1858677	.0005665	1.584989	22.16922	.0125813
#3	5.541066	5.913110	.1874756	.0008477	1.604305	21.97464	.0129261

Sample Name: K5912-08 Acquired: 12/04/2019 13:29:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.381545	.0482595	.3128769
Stddev	.019066	.0011725	.0005299
%RSD	.2582950	2.429483	.1693565

#1	7.399059	.0495468	.3134344
#2	7.361235	.0472529	.3123798
#3	7.384339	.0479786	.3128164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.800	2518.191	52439.07	12384.43	3696.102
Stddev	20.510	3.202	150.99	23.97	11.505
%RSD	1.013933	.1271534	.2879436	.1935839	.3112852

#1	2045.208	2519.508	52550.12	12393.60	3702.396
#2	2004.957	2520.525	52267.14	12357.23	3703.086
#3	2018.234	2514.541	52499.95	12402.47	3682.822

Sample Name: K5912-10 Acquired: 12/04/2019 13:37:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167225	.0102677	.0990420	-.017973	.0035624	73.48716	1.080976
Stddev	.0014923	.0025882	.0004649	.001700	.0012020	.17742	.001392
%RSD	8.923934	25.20739	.4693456	9.455942	33.74200	.2414290	.1287317

#1	.0168475	.0080564	.0994647	-.016483	.0049402	73.35412	1.081907
#2	.0151716	.0096323	.0985441	-.017613	.0030186	73.68860	1.081646
#3	.0181483	.0131145	.0991171	-.019824	.0027283	73.41876	1.079377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039393	.0049868	40.48115	.1096852	.0844973	.1350679	162.6502
Stddev	.0000117	.0001017	.09837	.0003344	.0004389	.0011705	.4617
%RSD	.2963026	2.039952	.2430082	.3048558	.5193794	.8666240	.2838884

#1	.0039487	.0048926	40.37832	.1098360	.0840644	.1344747	162.1985
#2	.0039428	.0050947	40.49079	.1093020	.0844856	.1343127	162.6307
#3	.0039262	.0049732	40.57436	.1099177	.0849418	.1364163	163.1214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.313483	28.98509	.1285857	-.005915	2.605036	.3966624	2.763433
Stddev	.008937	.03294	.0004105	.000572	.197273	.0030628	.027374
%RSD	.2697050	.1136480	.3192388	9.673186	7.572743	.7721381	.9905816

#1	3.306381	28.96200	.1283471	-.005432	2.800901	.3933123	2.745936
#2	3.310549	28.97045	.1283504	-.006547	2.607823	.3993190	2.794979
#3	3.323517	29.02281	.1290597	-.005765	2.406385	.3973559	2.749383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.134945	6.220130	.2018837	.0005363	2.008070	19.93680	.0138558
Stddev	.044004	.017293	.0006373	.0002004	.006919	.15661	.0007967
%RSD	.7172678	.2780230	.3157037	37.36170	.3445419	.7855491	5.749956

#1	6.181789	6.206802	.2018651	.0005083	2.003765	19.77423	.0147591
#2	6.094476	6.213916	.2025301	.0007492	2.004393	20.08669	.0135551
#3	6.128571	6.239671	.2012558	.0003514	2.016050	19.94947	.0132532

Sample Name: K5912-10 Acquired: 12/04/2019 13:37:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.928658	.0551598	.3230011
Stddev	.016147	.0011444	.0007258
%RSD	.2036475	2.074764	.2247139

#1	7.920908	.0551716	.3223196
#2	7.917846	.0540095	.3229194
#3	7.947218	.0562982	.3237643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.248	2564.005	53153.04	12571.10	3708.884
Stddev	23.274	4.510	140.84	37.70	12.662
%RSD	1.132989	.1758933	.2649667	.2999335	.3413879

#1	2053.536	2561.070	53112.58	12614.37	3698.937
#2	2031.337	2569.198	53036.87	12553.61	3723.137
#3	2077.870	2561.747	53309.68	12545.32	3704.577

Sample Name: K5912-11 Acquired: 12/04/2019 13:41:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199332	.0115100	.1993252	-.018760	.0046079	78.78881	1.056909
Stddev	.0038630	.0012147	.0026335	.003146	.0009112	.16782	.003323
%RSD	19.37995	10.55342	1.321222	16.77038	19.77419	.2129978	.3143893

#1	.0176243	.0101606	.2000188	-.015477	.0045480	78.97035	1.060746
#2	.0243929	.0125162	.1964143	-.019055	.0055475	78.75676	1.055008
#3	.0177823	.0118532	.2015425	-.021748	.0037281	78.63934	1.054973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044463	.0046907	45.47595	.1153859	.0881181	.1440538	183.6281
Stddev	.0000367	.0000203	.21093	.0007812	.0001699	.0012127	.3157
%RSD	.8263195	.4319136	.4638343	.6770654	.1928492	.8418394	.1719386

#1	.0044666	.0047139	45.71641	.1150025	.0879220	.1430754	183.9287
#2	.0044684	.0046809	45.32215	.1148705	.0882119	.1436754	183.6566
#3	.0044039	.0046772	45.38931	.1162848	.0882206	.1454106	183.2991

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.006983	29.11312	.1328693	-.007057	2.416041	.3945234	.9532616
Stddev	.012457	.04869	.0003324	.000132	.174144	.0046634	.0079872
%RSD	.4142729	.1672431	.2501582	1.869902	7.207845	1.182029	.8378758

#1	3.021304	29.08729	.1331929	-.007163	2.575480	.3976571	.9615507
#2	3.000986	29.16929	.1328862	-.007098	2.442437	.3967490	.9526190
#3	2.998659	29.08279	.1325288	-.006909	2.230205	.3891642	.9456152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.872105	6.104050	.2297786	.0005952	2.181676	27.94784	.0153890
Stddev	.028756	.008736	.0019822	.0002787	.002203	.16286	.0000795
%RSD	.4897038	.1431120	.8626557	46.82103	.1009994	.5827132	.5165268

#1	5.844950	6.097051	.2303205	.0004399	2.184155	28.13130	.0154710
#2	5.902231	6.113840	.2314335	.0004288	2.180931	27.89189	.0153123
#3	5.869136	6.101259	.2275818	.0009169	2.179942	27.82034	.0153836

Sample Name: K5912-11 Acquired: 12/04/2019 13:41:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNR9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.720463	.0567807	.3424441
Stddev	.025798	.0006103	.0003658
%RSD	.3341450	1.074881	.1068362

#1	7.696330	.0561864	.3427413
#2	7.717405	.0567500	.3420355
#3	7.747653	.0574059	.3425556

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2070.491	2567.307	53543.70	12685.16	3695.507
Stddev	10.241	4.483	235.65	13.85	7.394
%RSD	.4946255	.1746350	.4401051	.1092105	.2000742

#1	2059.015	2571.798	53518.01	12670.03	3702.073
#2	2073.760	2562.831	53321.94	12697.22	3696.950
#3	2078.699	2567.293	53791.13	12688.23	3687.498

Sample Name: K5912-12 Acquired: 12/04/2019 13:45:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160825	.0107325	.0763737	-.015070	.0047839	66.19232	.8739088
Stddev	.0011726	.0011553	.0030063	.001575	.0016340	.39221	.0029923
%RSD	7.291141	10.76484	3.936265	10.45438	34.15622	.5925350	.3424051

#1	.0161915	.0099163	.0729087	-.016423	.0054990	65.78038	.8726156
#2	.0148592	.0102267	.0779254	-.015446	.0059384	66.56127	.8773302
#3	.0171968	.0120544	.0782871	-.013340	.0029142	66.23529	.8717805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034025	.0045023	36.39299	.1020229	.0727612	.1359500	146.1715
Stddev	.0000518	.0001158	.07090	.0003218	.0005120	.0022265	.3374
%RSD	1.521439	2.571261	.1948289	.3154226	.7036240	1.637735	.2307936

#1	.0033511	.0046247	36.35275	.1022230	.0726419	.1381089	145.8441
#2	.0034546	.0044876	36.47485	.1016517	.0723194	.1360797	146.5180
#3	.0034017	.0043945	36.35135	.1021941	.0733223	.1336615	146.1524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.972770	26.49446	.1222638	-.005536	3.121877	.3708043	.8306408
Stddev	.002012	.09794	.0004069	.000177	.163778	.0046260	.0049399
%RSD	.1019689	.3696529	.3328051	3.204715	5.246145	1.247567	.5947112

#1	1.974785	26.39899	.1220422	-.005611	3.278425	.3657383	.8250964
#2	1.972763	26.59469	.1220158	-.005334	2.951718	.3718703	.8322518
#3	1.970762	26.48969	.1227334	-.005664	3.135487	.3748042	.8345740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.409907	5.401915	.1806379	.0019849	1.846338	23.91424	.0141238
Stddev	.050945	.019819	.0006353	.0000861	.009771	.17429	.0012978
%RSD	.9417064	.3668934	.3516830	4.339240	.5292011	.7288076	9.188413

#1	5.359782	5.411446	.1804672	.0020774	1.846023	24.02819	.0152313
#2	5.461635	5.379131	.1813410	.0019071	1.836729	24.00093	.0144442
#3	5.408306	5.415169	.1801054	.0019701	1.856263	23.71361	.0126959

Sample Name: K5912-12 Acquired: 12/04/2019 13:45:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNS0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.690929	.0457225	.2991749
Stddev	.032094	.0009623	.0002871
%RSD	.4172966	2.104605	.0959675

#1	7.726960	.0446148	.2995058
#2	7.665407	.0462010	.2990284
#3	7.680421	.0463518	.2989906

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.239	2553.250	52889.41	12464.61	3733.847
Stddev	2.551	1.032	166.61	26.30	5.782
%RSD	.1246209	.0404161	.3150139	.2109872	.1548572

#1	2044.623	2552.216	52737.01	12439.92	3729.456
#2	2049.720	2554.280	53067.29	12461.63	3740.398
#3	2047.374	2553.254	52863.94	12492.26	3731.686

Sample Name: K5912-13 Acquired: 12/04/2019 13:49:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184778	.0075474	.0737663	-.013681	.0038007	66.94200	.9673011
Stddev	.0020347	.0027047	.0014678	.002794	.0013447	.34616	.0040313
%RSD	11.01174	35.83625	1.989781	20.41919	35.38081	.5171035	.4167521

#1	.0163258	.0084925	.0746544	-.013567	.0043817	67.05507	.9683215
#2	.0187373	.0096528	.0720721	-.016529	.0047573	66.55344	.9628578
#3	.0203704	.0044970	.0745725	-.010946	.0022632	67.21748	.9707242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033304	.0029439	36.18612	.0991801	.0718613	.1095705	148.3057
Stddev	.0001329	.0000541	.14668	.0007134	.0004500	.0012298	.4891
%RSD	3.990578	1.838501	.4053484	.7193177	.6261661	1.122398	.3297690

#1	.0032497	.0029944	36.15381	.0997252	.0719447	.1109001	148.4010
#2	.0032577	.0028868	36.05829	.0994424	.0713755	.1093375	147.7760
#3	.0034838	.0029506	36.34627	.0983727	.0722637	.1084737	148.7401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.389583	26.66612	.1136634	-.005273	2.642121	.3621006	.7003617
Stddev	.014274	.05871	.0007311	.000402	.053456	.0031635	.0008768
%RSD	.4211235	.2201665	.6431766	7.623044	2.023237	.8736486	.1251963

#1	3.390201	26.73364	.1130322	-.005082	2.580398	.3585228	.7010090
#2	3.375009	26.63760	.1144644	-.005002	2.673488	.3632514	.7007122
#3	3.403538	26.62711	.1134936	-.005735	2.672478	.3645275	.6993638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.990790	5.606087	.1847907	.0004534	1.105802	23.14099	.0149418
Stddev	.077600	.024010	.0003169	.0005534	.004715	.07600	.0014966
%RSD	1.295324	.4282856	.1714969	122.0583	.4263951	.3284127	10.01643

#1	6.003055	5.631054	.1844743	.0002189	1.109694	23.22488	.0164520
#2	5.907788	5.583165	.1847896	.0000558	1.100559	23.07674	.0134591
#3	6.061527	5.604041	.1851081	.0010854	1.107152	23.12134	.0149141

Sample Name: K5912-13 Acquired: 12/04/2019 13:49:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.731564	.0484901	.3048602
Stddev	.013360	.0007227	.0004903
%RSD	.1727950	1.490387	.1608101

#1	7.736803	.0490816	.3051089
#2	7.741511	.0487042	.3042955
#3	7.716379	.0476846	.3051763

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.956	2529.586	52233.51	12415.49	3712.015
Stddev	3.168	5.201	184.35	48.43	10.597
%RSD	.1577149	.2056139	.3529393	.3900577	.2854729

#1	2009.394	2524.896	52132.32	12396.47	3704.296
#2	2011.882	2535.180	52446.29	12470.54	3724.097
#3	2005.591	2528.681	52121.90	12379.46	3707.652

Sample Name: K5912-15 Acquired: 12/04/2019 13:57:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534192	.0103585	.6556453	-.019476	.0032398	89.79883	1.224838
Stddev	.0013307	.0003662	.0010631	.003190	.0020860	.24568	.004183
%RSD	2.490961	3.534881	.1621502	16.37793	64.38558	.2735902	.3414870

#1	.0518878	.0102384	.6550811	-.023076	.0008684	89.59395	1.220468
#2	.0542931	.0100675	.6549832	-.017002	.0040603	89.73132	1.225242
#3	.0540768	.0107697	.6568716	-.018350	.0047908	90.07120	1.228803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060671	.0086609	38.31926	.2523215	.1314593	.1716513	194.8386
Stddev	.0001066	.0001036	.13599	.0014905	.0001181	.0027875	.4339
%RSD	1.756242	1.195666	.3548789	.5907315	.0898204	1.623927	.2226774

#1	.0061042	.0087063	38.16545	.2507553	.1314899	.1696476	194.4459
#2	.0061502	.0087340	38.42355	.2537226	.1315591	.1748347	194.7655
#3	.0059470	.0085424	38.36877	.2524866	.1313289	.1704717	195.3043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.484364	28.01820	.1468308	-.006674	1.836098	.4548279	8.680723
Stddev	.006374	.03931	.0004041	.000337	.157694	.0035312	.072987
%RSD	.2565802	.1403103	.2751987	5.055356	8.588517	.7763839	.8407959

#1	2.477598	28.05969	.1468508	-.006899	1.850313	.4511487	8.711617
#2	2.490256	27.98151	.1464170	-.006836	1.986202	.4581897	8.733182
#3	2.485237	28.01340	.1472244	-.006286	1.671778	.4551454	8.597369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.663779	5.838876	.2429280	.0021086	2.642241	29.28755	.0214618
Stddev	.070082	.016300	.0027707	.0001565	.011608	.09666	.0005502
%RSD	1.237366	.2791553	1.140530	7.420656	.4393263	.3300231	2.563422

#1	5.619751	5.820185	.2439054	.0021356	2.634677	29.33276	.0214937
#2	5.744594	5.846310	.2398011	.0022498	2.636440	29.35331	.0208964
#3	5.626991	5.850133	.2450775	.0019404	2.655606	29.17657	.0219953

Sample Name: K5912-15 Acquired: 12/04/2019 13:57:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.283751	.0668030	.3398597
Stddev	.023140	.0009773	.0007200
%RSD	.3176954	1.462922	.2118520

#1	7.260700	.0665269	.3395721
#2	7.306979	.0678886	.3406790
#3	7.283575	.0659935	.3393279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.641	2629.043	54617.32	12958.72	3707.021
Stddev	11.721	2.816	77.03	30.72	.850
%RSD	.5601135	.1071230	.1410331	.2370839	.0229185

#1	2087.983	2629.108	54665.88	12989.23	3707.357
#2	2083.965	2626.194	54528.50	12927.79	3706.055
#3	2105.975	2631.826	54657.58	12959.13	3707.651

Sample Name: K5912-14 Acquired: 12/04/2019 13:53:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156482	.0100421	.0771284	-.017254	.0039124	74.70226	1.145727
Stddev	.0027180	.0023661	.0007679	.004752	.0005640	.47931	.003909
%RSD	17.36941	23.56220	.9955506	27.54001	14.41517	.6416260	.3412024

#1	.0132736	.0098169	.0762496	-.020159	.0036731	74.56271	1.145204
#2	.0186127	.0125128	.0774655	-.019832	.0035075	74.30822	1.142106
#3	.0150584	.0077966	.0776700	-.011770	.0045565	75.23586	1.149872

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037551	.0034867	38.67691	.1092692	.0800242	.1272887	161.6905
Stddev	.0000833	.0001454	.08639	.0010971	.0006249	.0011453	.5377
%RSD	2.218941	4.170677	.2233673	1.004028	.7808717	.8997885	.3325415

#1	.0038367	.0034198	38.60554	.1101487	.0800549	.1267724	161.4968
#2	.0036702	.0036536	38.65224	.1096189	.0793845	.1286013	161.2765
#3	.0037584	.0033868	38.77296	.1080398	.0806332	.1264923	162.2982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.952025	30.34666	.1266624	-.006464	2.736748	.3749130	.7464153
Stddev	.005116	.14536	.0003930	.000139	.142538	.0025970	.0082322
%RSD	.1733137	.4789876	.3102975	2.148378	5.208295	.6927003	1.102895

#1	2.954434	30.41670	.1270385	-.006319	2.708915	.3775359	.7445997
#2	2.946149	30.17955	.1266944	-.006478	2.610179	.3723426	.7392425
#3	2.955492	30.44374	.1262544	-.006596	2.891149	.3748605	.7554037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.623496	5.899610	.1993946	.0004501	1.274852	25.58830	.0140911
Stddev	.055975	.035864	.0018083	.0004723	.006048	.04655	.0006260
%RSD	.8450903	.6078984	.9069082	104.9342	.4744389	.1819185	4.442479

#1	6.665965	5.898065	.2008744	.0006453	1.277628	25.54668	.0137654
#2	6.560066	5.864544	.1973789	.0007935	1.267914	25.63857	.0148128
#3	6.644457	5.936221	.1999306	-.000089	1.279015	25.57964	.0136951

Sample Name: K5912-14 Acquired: 12/04/2019 13:53:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.213537	.0542522	.3399598
Stddev	.036122	.0012548	.0003541
%RSD	.4397816	2.312937	.1041714

#1	8.237899	.0550542	.3403246
#2	8.230675	.0528061	.3399374
#3	8.172036	.0548962	.3396174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.627	2543.981	52746.32	12467.01	3701.032
Stddev	3.547	6.251	245.56	34.67	7.599
%RSD	.1745659	.2457140	.4655406	.2781228	.2053312

#1	2029.507	2549.911	52474.47	12431.96	3707.329
#2	2035.721	2544.581	52952.02	12501.30	3703.176
#3	2029.653	2537.452	52812.48	12467.78	3692.591

Sample Name: K5912-17 Acquired: 12/04/2019 14:05:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270465	.0101818	.0889541	-.021918	.0052798	133.6879	1.511901
Stddev	.0028032	.0031706	.0017427	.000648	.0008354	.6481	.007300
%RSD	10.36422	31.14035	1.959057	2.956037	15.82246	.4847574	.4828196

#1	.0268157	.0089054	.0883626	-.021862	.0043728	134.3926	1.520323
#2	.0299580	.0137917	.0875841	-.021300	.0060178	133.1175	1.507985
#3	.0243659	.0078482	.0909155	-.022592	.0054488	133.5535	1.507395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086572	.0034898	43.54929	.1958716	.1055420	.2258652	246.5087
Stddev	.0001810	.0001199	.16134	.0006208	.0004568	.0017867	.5109
%RSD	2.090377	3.435658	.3704861	.3169500	.4328194	.7910400	.2072648

#1	.0086357	.0035638	43.70804	.1955176	.1054294	.2239334	247.0959
#2	.0084878	.0033514	43.55434	.1955088	.1060446	.2274583	246.2652
#3	.0088479	.0035541	43.38547	.1965885	.1051520	.2262039	246.1651

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.696505	34.19275	.1951617	-.009708	1.695707	.5901829	.5091941
Stddev	.003526	.06472	.0007996	.000564	.315309	.0065036	.0091611
%RSD	.2078342	.1892889	.4096985	5.812845	18.59454	1.101966	1.799131

#1	1.699809	34.26456	.1943213	-.010029	1.344381	.5963119	.5145952
#2	1.696914	34.13893	.1952509	-.009057	1.788622	.5908765	.5143706
#3	1.692793	34.17475	.1959130	-.010039	1.954119	.5833602	.4986166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.275289	7.199270	.3043497	.0022923	2.181089	17.28167	.0185371
Stddev	.083462	.006726	.0046331	.0003339	.004758	.22508	.0010835
%RSD	1.582132	.0934312	1.522297	14.56412	.2181253	1.302416	5.844930

#1	5.183598	7.203498	.3025427	.0026758	2.175893	17.30190	.0181468
#2	5.295435	7.202798	.3096141	.0021348	2.182142	17.04715	.0177029
#3	5.346834	7.191513	.3008925	.0020664	2.185231	17.49594	.0197617

Sample Name: K5912-17 Acquired: 12/04/2019 14:05:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.455844	.0943891	.3854870
Stddev	.029305	.0009398	.0008353
%RSD	.3465665	.9957044	.2166888

#1	8.432024	.0944728	.3855039
#2	8.446939	.0952843	.3846433
#3	8.488569	.0934102	.3863137

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.353	2752.232	57477.52	13667.25	3634.234
Stddev	7.582	4.602	194.79	107.48	9.095
%RSD	.3437862	.1671930	.3388958	.7864085	.2502584

#1	2196.960	2757.376	57647.21	13656.37	3644.727
#2	2211.705	2748.507	57264.82	13779.76	3628.613
#3	2207.395	2750.815	57520.53	13565.63	3629.363

Sample Name: K5912-16 Acquired: 12/04/2019 14:01:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141117	.0100669	.0725270	-.012537	.0036544	77.54170	.9495598
Stddev	.0028729	.0025167	.0010015	.003135	.0021455	.09899	.0013246
%RSD	20.35799	25.00024	1.380939	25.00883	58.70958	.1276643	.1394967

#1	.0158844	.0119333	.0730997	-.014334	.0039755	77.50441	.9489525
#2	.0156537	.0072046	.0713705	-.014361	.0013665	77.46675	.9486477
#3	.0107971	.0110628	.0731108	-.008917	.0056213	77.65392	.9510791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037915	.0035955	36.15314	.1031362	.0749820	.1627157	149.1315
Stddev	.0001263	.0000241	.12127	.0006219	.0005267	.0046388	.2300
%RSD	3.329797	.6713514	.3354385	.6030310	.7024986	2.850882	.1542267

#1	.0038566	.0035980	36.25718	.1025120	.0750363	.1678746	148.8852
#2	.0038720	.0036183	36.01995	.1031407	.0744302	.1613844	149.1685
#3	.0036460	.0035702	36.18228	.1037559	.0754795	.1588880	149.3408

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.131454	27.08785	.1183848	-.005452	2.705406	.3641315	.6831752
Stddev	.005850	.06333	.0004036	.000267	.278048	.0026126	.0028905
%RSD	.2744497	.2338122	.3408971	4.901101	10.27749	.7174816	.4230906

#1	2.132806	27.01793	.1181412	-.005422	2.853320	.3665582	.6798377
#2	2.125046	27.10423	.1188506	-.005732	2.878232	.3613661	.6848672
#3	2.136509	27.14138	.1181626	-.005200	2.384667	.3644701	.6848208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.385557	5.170351	.1860032	.0006460	2.117861	26.63380	.0153717
Stddev	.013159	.009549	.0013007	.0004950	.007155	.16501	.0013126
%RSD	.2443353	.1846967	.6992662	76.62845	.3378464	.6195389	8.539008

#1	5.384127	5.160461	.1868353	.0001641	2.109601	26.71276	.0140703
#2	5.399372	5.179519	.1866699	.0006207	2.121823	26.44415	.0166952
#3	5.373171	5.171072	.1845044	.0011532	2.122158	26.74450	.0153496

Sample Name: K5912-16 Acquired: 12/04/2019 14:01:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNS7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.557450	.0488111	.3200105
Stddev	.005236	.0008721	.0004888
%RSD	.0692762	1.786610	.1527406

#1	7.552378	.0480590	.3199674
#2	7.557138	.0497670	.3195447
#3	7.562835	.0486074	.3205194

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.024	2541.823	53064.88	12475.05	3701.591
Stddev	4.650	3.652	146.41	65.97	7.258
%RSD	.2280583	.1436820	.2759090	.5287981	.1960878

#1	2033.687	2544.762	52949.16	12424.80	3709.472
#2	2042.208	2542.973	53016.00	12549.75	3695.181
#3	2041.177	2537.734	53229.47	12450.59	3700.120

Sample Name: CCB086 Acquired: 12/04/2019 14:13:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009369	-.000595	.0006398	.0022496	-.000495	.0162117	-.000569
Stddev	.0025992	.000305	.0018851	.0036988	.001672	.0047541	.000499
%RSD	277.4265	51.30411	294.6536	164.4189	337.6428	29.32484	87.66851

#1	.0039374	-.000251	.0015251	-.000357	-.002422	.0210953	-.001084
#2	-.000502	-.000701	.0019192	.006483	.000574	.0159410	-.000537
#3	-.000625	-.000833	-.001525	.000623	.000362	.0115988	-.000087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000477	-.000053	.0255508	.0007663	.0000030	.0016732	.0295662
Stddev	.0000328	.000056	.0016084	.0001589	.0000767	.0010474	.0063658
%RSD	68.80249	105.2538	6.294859	20.74121	2589.590	62.59552	21.53067

#1	.0000365	-.000045	.0273299	.0009091	.0000912	.0004857	.0317905
#2	.0000846	-.000112	.0251224	.0007945	-.000034	.0020686	.0345214
#3	.0000219	-.000002	.0241999	.0005951	-.000048	.0024653	.0223867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007164	.0197701	-.000113	.0005219	-.082394	.0012406	.0001064
Stddev	.0002644	.0201478	.000312	.0001923	.223889	.0039740	.0017954
%RSD	36.90017	101.9107	275.6283	36.85157	271.7281	320.3380	1688.180

#1	.0009478	.0429908	.000246	.0004357	.175995	.0017998	-.001418
#2	.0007732	.0093977	-.000309	.0007423	-.218838	-.002983	-.000349
#3	.0004283	.0069217	-.000277	.0003878	-.204340	.004905	.002086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0450436	.0025433	.0067098	.0008304	-.005167	-.000754	-.002443
Stddev	.0146964	.0012972	.0010962	.0002164	.001478	.000284	.000631
%RSD	32.62711	51.00516	16.33758	26.05484	28.60668	37.60154	25.84461

#1	.0442019	.0028701	.0075762	.0010066	-.004588	-.000813	-.001725
#2	.0601428	.0036459	.0070758	.0005889	-.006847	-.000446	-.002691
#3	.0307862	.0011140	.0054774	.0008958	-.004066	-.001004	-.002913

Sample Name: CCB086 Acquired: 12/04/2019 14:13:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017387	.0080145	.0002534
Stddev	.0005964	.0027129	.0000158
%RSD	34.30196	33.84959	6.249571

#1	.0022436	.0111017	.0002414
#2	.0010806	.0069314	.0002713
#3	.0018918	.0060105	.0002474

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.609	2329.654	48072.29	11148.73	3674.920
Stddev	12.827	1.851	237.50	61.96	3.611
%RSD	.6817237	.0794726	.4940454	.5558015	.0982723

#1	1890.491	2328.537	48205.35	11190.21	3674.250
#2	1887.433	2331.791	48213.43	11077.50	3678.820
#3	1866.902	2328.634	47798.09	11178.48	3671.690

Sample Name: K5912-18 Acquired: 12/04/2019 14:17:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139403	.0098709	.0771134	-.014856	.0021868	73.98197	.9922876
Stddev	.0022272	.0020514	.0019001	.004660	.0013069	.12507	.0017131
%RSD	15.97682	20.78196	2.464020	31.36397	59.76464	.1690575	.1726446

#1	.0157327	.0113365	.0750847	-.020234	.0030966	74.05374	.9922807
#2	.0114469	.0075265	.0788513	-.012026	.0027745	74.05461	.9940042
#3	.0146412	.0107496	.0774042	-.012309	.0006892	73.83755	.9905779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037564	.0036388	39.49762	.1095069	.0801757	.1217790	163.1334
Stddev	.0000560	.0000824	.13483	.0007382	.0006344	.0014027	.3605
%RSD	1.490681	2.263405	.3413725	.6740649	.7913061	1.151821	.2209827

#1	.0037485	.0035662	39.56786	.1103526	.0795941	.1209297	163.1381
#2	.0038159	.0036218	39.58283	.1089919	.0800809	.1210092	163.4915
#3	.0037047	.0037283	39.34217	.1091762	.0808523	.1233980	162.7706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.157024	29.42533	.1260269	-.006292	3.017417	.3982694	.7534100
Stddev	.007251	.08050	.0006810	.000339	.290697	.0021204	.0062898
%RSD	.2296907	.2735794	.5403302	5.385017	9.633971	.5323973	.8348463

#1	3.159670	29.51692	.1256628	-.006682	2.709366	.3959585	.7541542
#2	3.162581	29.39332	.1256055	-.006118	3.286911	.4001254	.7592946
#3	3.148821	29.36576	.1268126	-.006075	3.055975	.3987244	.7467812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.261223	6.166341	.2069691	.0007696	1.231173	23.22763	.0140768
Stddev	.117571	.018774	.0008315	.0002145	.008235	.16712	.0009898
%RSD	1.877763	.3044535	.4017623	27.87639	.6688540	.7194683	7.031548

#1	6.394635	6.151628	.2060532	.0006747	1.234284	23.41875	.0132872
#2	6.172747	6.159911	.2076767	.0010152	1.221836	23.15515	.0137560
#3	6.216288	6.187485	.2071772	.0006189	1.237399	23.10899	.0151873

Sample Name: K5912-18 Acquired: 12/04/2019 14:17:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNS9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.492672	.0549301	.3364267
Stddev	.008886	.0015027	.0003313
%RSD	.1046320	2.735685	.0984799

#1	8.484845	.0532657	.3360463
#2	8.502332	.0561871	.3366520
#3	8.490840	.0553374	.3365818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.366	2538.147	52722.35	12429.92	3694.012
Stddev	9.974	3.496	119.29	104.05	5.974
%RSD	.4892915	.1377385	.2262674	.8371004	.1617313

#1	2033.080	2537.883	52593.34	12315.29	3694.904
#2	2032.149	2541.767	52745.03	12518.40	3699.490
#3	2049.870	2534.790	52828.67	12456.07	3687.642

Sample Name: K5912-19 Acquired: 12/04/2019 14:21:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157659	.0103621	.0930492	-.017947	.0042090	81.08502	1.056070
Stddev	.0031541	.0016062	.0031418	.001265	.0016298	.57061	.003329
%RSD	20.00583	15.50036	3.376524	7.047007	38.72175	.7037154	.3152155

#1	.0140651	.0121558	.0959957	-.017462	.0023961	81.04422	1.055760
#2	.0194054	.0090569	.0897430	-.019383	.0046779	81.67493	1.059544
#3	.0138273	.0098735	.0934089	-.016997	.0055529	80.53591	1.052908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040074	.0044635	38.45322	.1119354	.0781893	.1571096	157.2994
Stddev	.0000510	.0001389	.09432	.0008523	.0002768	.0015888	.8791
%RSD	1.272670	3.111796	.2452933	.7613778	.3540042	1.011254	.5588521

#1	.0040654	.0043182	38.50588	.1116869	.0784119	.1555788	157.5428
#2	.0039693	.0045949	38.50946	.1128843	.0778794	.1569993	158.0312
#3	.0039877	.0044775	38.34433	.1112350	.0782766	.1587506	156.3243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.122193	28.30434	.1252422	-.005820	2.679389	.3772477	.7920371
Stddev	.010088	.14887	.0003362	.000266	.286985	.0016117	.0101532
%RSD	.4753520	.5259547	.2684452	4.565982	10.71085	.4272395	1.281910

#1	2.130327	28.23787	.1248622	-.005541	2.382442	.3779350	.7979846
#2	2.125347	28.47486	.1255008	-.005850	2.955249	.3784019	.7978131
#3	2.110905	28.20029	.1253637	-.006070	2.700476	.3754063	.7803136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.325422	5.304195	.1960318	.0007748	2.759765	25.30933	.0186802
Stddev	.113743	.008471	.0010835	.0001798	.004514	.03561	.0014637
%RSD	1.798187	.1597073	.5527030	23.20370	.1635564	.1407184	7.835399

#1	6.351163	5.306490	.1954231	.0009613	2.754698	25.30543	.0200607
#2	6.424089	5.294812	.1972827	.0007607	2.761243	25.34673	.0171455
#3	6.201015	5.311282	.1953895	.0006025	2.763355	25.27583	.0188344

Sample Name: K5912-19 Acquired: 12/04/2019 14:21:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.332854	.0563549	.3260144
Stddev	.032121	.0008717	.0003553
%RSD	.3854758	1.546815	.1089974

#1	8.346878	.0571628	.3261103
#2	8.296105	.0554310	.3256209
#3	8.355579	.0564710	.3263119

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.789	2553.682	52961.05	12436.82	3690.892
Stddev	8.793	3.655	128.42	45.86	1.717
%RSD	.4293692	.1431458	.2424831	.3687133	.0465237

#1	2045.298	2549.512	52993.68	12395.90	3690.438
#2	2040.510	2555.201	52819.46	12428.19	3692.791
#3	2057.558	2556.333	53070.01	12486.38	3689.448

Sample Name: K5912-20 Acquired: 12/04/2019 14:25:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129083	.0069248	.0690343	-.016891	.0031010	63.40476	.9763537
Stddev	.0026234	.0017589	.0006344	.002474	.0004538	.12594	.0033103
%RSD	20.32343	25.40044	.9189300	14.64662	14.63455	.1986364	.3390471

#1	.0158490	.0089551	.0684106	-.019312	.0026708	63.48341	.9779656
#2	.0108084	.0058642	.0696788	-.016995	.0035753	63.25950	.9785494
#3	.0120675	.0059549	.0690135	-.014367	.0030570	63.47137	.9725462

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032532	.0027462	35.21809	.0989391	.0730452	.0924606	149.1216
Stddev	.0000202	.0001014	.03217	.0007502	.0005038	.0019614	.0611
%RSD	.6199305	3.691431	.0913507	.7582857	.6897081	2.121304	.0409593

#1	.0032354	.0026535	35.24105	.0992230	.0725801	.0932181	149.1907
#2	.0032751	.0027308	35.23189	.0980883	.0735804	.0939302	149.0749
#3	.0032491	.0028545	35.18132	.0995059	.0729752	.0902334	149.0990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.235656	27.88334	.1186292	-.005231	2.762275	.3709149	.7135263
Stddev	.002860	.02582	.0003770	.000330	.076665	.0006887	.0029001
%RSD	.0883809	.0925855	.3178331	6.301415	2.775436	.1856760	.4064457

#1	3.238332	27.90009	.1182030	-.005396	2.751403	.3716423	.7116013
#2	3.235993	27.85361	.1189193	-.005445	2.691626	.3702729	.7121157
#3	3.232643	27.89633	.1187652	-.004851	2.843796	.3708295	.7168618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.971817	5.400652	.1836882	.0002439	.7674401	23.87721	.0129214
Stddev	.082387	.018952	.0023646	.0002254	.0046989	.18982	.0016139
%RSD	1.379602	.3509161	1.287301	92.40681	.6122829	.7949956	12.49010

#1	6.060207	5.393689	.1815597	.0004619	.7638542	24.05240	.0147847
#2	5.897158	5.386166	.1832714	.0002582	.7727595	23.67554	.0120202
#3	5.958086	5.422100	.1862335	.0000117	.7657066	23.90368	.0119594

Sample Name: K5912-20 Acquired: 12/04/2019 14:25:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.915333	.0491353	.3036402
Stddev	.035282	.0021645	.0010910
%RSD	.4457407	4.405104	.3593107

#1	7.956066	.0516171	.3048403
#2	7.894318	.0476385	.3027084
#3	7.895614	.0481504	.3033717

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.079	2519.409	51854.80	12179.06	3699.398
Stddev	9.547	4.242	324.27	117.67	3.206
%RSD	.4766204	.1683851	.6253415	.9661977	.0866617

#1	1995.212	2521.296	51548.25	12070.73	3702.350
#2	2013.701	2522.382	52194.28	12304.26	3699.857
#3	2000.324	2514.551	51821.87	12162.18	3695.987

Sample Name: K5912-22 Acquired: 12/04/2019 14:33:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122840	.0085555	.0849644	-.014591	.0037891	79.74220	1.069481
Stddev	.0039189	.0008573	.0011829	.001291	.0010665	.12608	.002949
%RSD	31.90285	10.02075	1.392239	8.849695	28.14599	.1581114	.2757786

#1	.0147562	.0077190	.0862362	-.013207	.0034337	79.88089	1.072528
#2	.0077655	.0085152	.0847597	-.015762	.0049879	79.71122	1.069275
#3	.0143303	.0094323	.0838971	-.014805	.0029457	79.63450	1.066640

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040229	.0039813	42.62691	.1150348	.0837195	.1390813	171.2273
Stddev	.0000408	.0000875	.18850	.0005093	.0003960	.0027775	.4978
%RSD	1.015331	2.197127	.4422113	.4427193	.4730310	1.997060	.2907342

#1	.0039771	.0040798	42.77552	.1154539	.0839618	.1420371	171.8000
#2	.0040361	.0039127	42.69033	.1151826	.0839341	.1365253	170.9834
#3	.0040556	.0039515	42.41488	.1144680	.0832625	.1386814	170.8985

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.601911	30.93986	.1356272	-.006394	3.302356	.4322842	.8018462
Stddev	.008357	.13824	.0007556	.000405	.286495	.0016135	.0070964
%RSD	.3211805	.4467871	.5571252	6.338819	8.675481	.3732521	.8850123

#1	2.610969	30.98186	.1350979	-.006031	3.094531	.4305272	.7966085
#2	2.594501	30.78550	.1352911	-.006320	3.629172	.4336995	.7990076
#3	2.600263	31.05223	.1364925	-.006832	3.183364	.4326258	.8099226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.661023	6.333678	.2120858	.0010591	1.715315	24.75103	.0178124
Stddev	.072373	.025481	.0014331	.0003055	.009947	.09642	.0009557
%RSD	1.086518	.4023055	.6757368	28.84595	.5798706	.3895395	5.365237

#1	6.665764	6.320076	.2133050	.0009797	1.705162	24.74616	.0167212
#2	6.730909	6.317886	.2105072	.0013965	1.715740	24.84980	.0185002
#3	6.586395	6.363074	.2124451	.0008012	1.725042	24.65715	.0182158

Sample Name: K5912-22 Acquired: 12/04/2019 14:33:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.239266	.0574538	.3603828
Stddev	.014397	.0017496	.0010702
%RSD	.1558208	3.045276	.2969541

#1	9.234435	.0559308	.3598152
#2	9.227905	.0570657	.3616173
#3	9.255456	.0593649	.3597161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.327	2521.448	52211.24	12259.17	3641.032
Stddev	7.127	5.752	127.12	23.84	2.824
%RSD	.3548823	.2281374	.2434794	.1944914	.0775508

#1	2014.816	2516.718	52261.54	12237.53	3638.445
#2	2000.699	2519.776	52305.51	12255.26	3640.608
#3	2009.466	2527.852	52066.66	12284.73	3644.044

Sample Name: K5912-21 Acquired: 12/04/2019 14:29:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112815	.0082839	.0754322	-.014877	.0029473	64.89389	.9642614
Stddev	.0008116	.0018874	.0014361	.005448	.0006416	.34481	.0032474
%RSD	7.194433	22.78418	1.903824	36.62264	21.77047	.5313417	.3367779

#1	.0115797	.0104614	.0765150	-.018515	.0032068	65.28605	.9678991
#2	.0103629	.0072751	.0759783	-.008613	.0022165	64.75744	.9632308
#3	.0119018	.0071153	.0738031	-.017502	.0034185	64.63819	.9616544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033612	.0030283	35.94738	.1017545	.0735887	.1128792	153.0523
Stddev	.0001120	.0000752	.05975	.0011913	.0002912	.0023881	.4905
%RSD	3.332690	2.482325	.1662057	1.170751	.3956794	2.115631	.3205017

#1	.0034742	.0030078	36.01234	.1020641	.0739167	.1107232	153.5850
#2	.0032502	.0029655	35.93505	.1004390	.0734887	.1124682	152.9528
#3	.0033591	.0031116	35.89477	.1027604	.0733607	.1154461	152.6192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.380357	27.33996	.1186300	-.006219	2.735147	.3898560	.7101286
Stddev	.004189	.13517	.0002673	.000415	.049727	.0002446	.0040460
%RSD	.1759700	.4944211	.2252891	6.669760	1.818074	.0627455	.5697486

#1	2.384371	27.47390	.1185883	-.006698	2.791278	.3899177	.7094493
#2	2.380686	27.34237	.1183860	-.005982	2.696603	.3895864	.7144712
#3	2.376013	27.20359	.1189156	-.005977	2.717562	.3900638	.7064653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.682171	5.545177	.1886346	.0007892	1.223329	21.62768	.0154571
Stddev	.103183	.006400	.0039175	.0001850	.003933	.11301	.0006609
%RSD	1.815910	.1154199	2.076788	23.43825	.3215252	.5225186	4.275638

#1	5.748622	5.539839	.1931524	.0008681	1.227773	21.49997	.0160371
#2	5.734590	5.552272	.1865741	.0009215	1.221919	21.66830	.0147376
#3	5.563301	5.543420	.1861774	.0005778	1.220295	21.71475	.0155965

Sample Name: K5912-21 Acquired: 12/04/2019 14:29:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.184064	.0479307	.3065996
Stddev	.028365	.0011614	.0000468
%RSD	.3465831	2.422994	.0152623

#1	8.152081	.0492432	.3066409
#2	8.193942	.0475126	.3066093
#3	8.206169	.0470362	.3065488

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.902	2512.116	52099.10	12245.97	3681.472
Stddev	15.474	6.939	291.25	25.31	1.344
%RSD	.7679896	.2762194	.5590217	.2066544	.0365141

#1	2020.987	2516.479	52100.94	12275.08	3680.439
#2	1997.310	2515.755	51806.95	12233.59	3682.992
#3	2026.408	2504.115	52389.43	12229.23	3680.986

Sample Name: K5913-04A Acquired: 12/04/2019 14:37:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLNT7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154048	.0098738	.0555607	-.012709	.1217274	72.82702	.5528636
Stddev	.0023420	.0003617	.0010036	.000695	.0001651	.30449	.0024726
%RSD	15.20314	3.662931	1.806392	5.468897	.1356534	.4181010	.4472369

#1	.0162105	.0100720	.0550389	-.013307	.1219094	73.14798	.5557038
#2	.0172375	.0094563	.0549255	-.011946	.1216858	72.54224	.5511912
#3	.0127663	.0100930	.0567178	-.012873	.1215871	72.79083	.5516958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030854	.0035105	39.88938	.0666550	.0602212	.2692202	138.1960
Stddev	.0000559	.0001341	.07779	.0009842	.0004447	.0022252	.4932
%RSD	1.813233	3.820952	.1950118	1.476544	.7385014	.8265242	.3569151

#1	.0031318	.0035040	39.96038	.0675978	.0599457	.2667549	138.6629
#2	.0031011	.0036478	39.80623	.0656341	.0599837	.2710799	137.6801
#3	.0030233	.0033798	39.90152	.0667332	.0607343	.2698258	138.2450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.889219	24.46813	.0884075	-.005094	5.829513	.3396162	.6044244
Stddev	.003790	.10916	.0005891	.000121	.148281	.0036088	.0099153
%RSD	.2006284	.4461209	.6663239	2.372088	2.543628	1.062626	1.640446

#1	1.889118	24.57651	.0886200	-.005034	5.933700	.3422105	.6067554
#2	1.885480	24.35821	.0877416	-.005015	5.659750	.3354948	.5935513
#3	1.893058	24.46966	.0888608	-.005233	5.895089	.3411431	.6129665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.334618	5.688972	.1728785	.0015726	4.552342	21.43006	.0146084
Stddev	.096495	.005997	.0016784	.0003376	.020329	.02537	.0004338
%RSD	2.226153	.1054205	.9708306	21.46946	.4465622	.1183996	2.969412

#1	4.233094	5.682165	.1735089	.0017618	4.532112	21.45229	.0149436
#2	4.345619	5.693478	.1709762	.0011828	4.552144	21.43548	.0141184
#3	4.425141	5.691273	.1741504	.0017732	4.572769	21.40242	.0147631

Sample Name: K5913-04A Acquired: 12/04/2019 14:37:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLNT7A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.911047	.0428815	.3208707
Stddev	.008509	.0006819	.0000632
%RSD	.1231245	1.590083	.0196854

#1	6.912512	.0426052	.3209193
#2	6.918729	.0423813	.3208934
#3	6.901901	.0436582	.3207993

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.980	2495.356	51533.81	12074.55	3675.778
Stddev	13.268	1.408	57.56	43.82	3.884
%RSD	.6630748	.0564081	.1116981	.3628776	.1056543

#1	1997.951	2495.313	51478.74	12030.48	3675.687
#2	2015.500	2496.784	51593.58	12075.08	3679.706
#3	1989.488	2493.970	51529.12	12118.10	3671.940

Sample Name: CCV087 Acquired: 12/04/2019 14:41:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.090427	5.085427	25.39096	4.968783	5.044875	411.6617	10.39902
Stddev	.011031	.024550	.03881	.024508	.018772	4.5808	.01154
%RSD	.2166916	.4827442	.1528455	.4932358	.3721049	1.112762	.1109901

#1	5.101991	5.112970	25.41266	4.988353	5.066514	415.9053	10.40072
#2	5.080022	5.065849	25.41407	4.941295	5.035157	412.2746	10.40961
#3	5.089267	5.077462	25.34616	4.976700	5.032954	406.8053	10.38672

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4905863	2.526686	427.8120	15.61892	2.557374	15.84904	420.2770
Stddev	.0023054	.005485	.3274	.02546	.009954	.04727	1.2166
%RSD	.4699340	.2170633	.0765303	.1629945	.3892413	.2982422	.2894717

#1	.4931876	2.532425	428.1254	15.64413	2.567749	15.82615	421.6117
#2	.4887960	2.526133	427.8384	15.59322	2.556471	15.81756	419.9894
#3	.4897753	2.521498	427.4722	15.61941	2.547902	15.90339	419.2301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32503	404.8620	2.549197	1.263887	418.6056	2.500943	14.80013
Stddev	.04974	1.6152	.007504	.003877	1.5008	.011832	.08228
%RSD	.3245919	.3989620	.2943516	.3067161	.3585174	.4730953	.5559172

#1	15.38121	406.7213	2.557529	1.268182	417.9544	2.514527	14.79770
#2	15.30731	403.8050	2.547088	1.260647	420.3219	2.495413	14.71909
#3	15.28657	404.0597	2.542973	1.262832	417.5403	2.492888	14.88359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.4106	5.255130	5.315428	4.898673	5.218444	5.000538	5.077226
Stddev	1.2444	.023500	.015873	.023435	.012395	.020694	.012405
%RSD	.8164641	.4471871	.2986272	.4783858	.2375190	.4138398	.2443359

#1	151.4489	5.281661	5.332339	4.925359	5.232406	5.024416	5.091392
#2	153.8160	5.236931	5.313095	4.881447	5.208737	4.987798	5.068305
#3	151.9669	5.246798	5.300850	4.889213	5.214188	4.989401	5.071981

Sample Name: CCV087 Acquired: 12/04/2019 14:41:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.178530	5.259267	5.233239
Stddev	.021693	.002622	.069537
%RSD	.4189054	.0498515	1.328755

#1	5.172842	5.259679	5.205200
#2	5.160248	5.256464	5.182099
#3	5.202500	5.261658	5.312418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.010	2012.677	43864.39	10727.25	3059.447
Stddev	9.899	3.637	154.93	16.69	1.782
%RSD	.6088124	.1807197	.3532129	.1556206	.0582522

#1	1630.493	2010.737	43771.00	10709.59	3058.890
#2	1632.875	2016.873	44043.24	10742.76	3061.441
#3	1614.662	2010.421	43778.94	10729.40	3058.010

Sample Name: CCB087 Acquired: 12/04/2019 14:45:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001539	.0007688	.0007839	.0013702	.0002237	.0095847	-.000582
Stddev	.001834	.0016537	.0009512	.0032896	.0022421	.0076371	.000157
%RSD	119.2014	215.0964	121.3458	240.0910	1002.043	79.67982	26.89429

#1	.000555	-.000842	.0011250	.0045065	.0012211	.0147857	-.000403
#2	-.002861	.000686	.0015174	-.002054	-.002344	.0131518	-.000690
#3	-.002311	.002462	-.000291	.001658	.001794	.0008168	-.000654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000511	-.000169	.0267237	.0006911	-.000121	.0003614	.0209307
Stddev	.0000348	.000143	.0086363	.0005050	.000321	.0011853	.0057821
%RSD	68.17157	84.39960	32.31701	73.06598	264.7716	327.9578	27.62519

#1	.0000518	-.000315	.0272037	.0005735	-.000492	.0000658	.0268676
#2	.0000855	-.000031	.0351100	.0002553	.000071	.0016665	.0206075
#3	.0000159	-.000161	.0178574	.0012445	.000057	-.000648	.0153169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006200	.0160445	-.000243	.0003481	.1007213	.0001233	-.002006
Stddev	.0003127	.0197709	.000301	.0003323	.3186960	.0002563	.001027
%RSD	50.43710	123.2251	124.1808	95.47251	316.4138	207.9237	51.19158

#1	.0007874	.0357690	.000104	.0000448	.0647216	-.000144	-.002735
#2	.0002592	.0161369	-.000394	.0007034	-.198446	.000147	-.000832
#3	.0008135	-.003772	-.000438	.0002962	.435888	.000367	-.002452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922949	.0025801	.0079259	.0008195	-.005900	-.000438	-.001775
Stddev	.0587361	.0008805	.0010719	.0002356	.003066	.000912	.000739
%RSD	63.63965	34.12569	13.52353	28.74908	51.96978	208.1711	41.65349

#1	.0304624	.0026008	.0077564	.0010258	-.002361	-.001154	-.002092
#2	.0990763	.0034500	.0090724	.0008698	-.007762	-.000748	-.000930
#3	.1473459	.0016894	.0069489	.0005628	-.007578	.000589	-.002303

Sample Name: CCB087 Acquired: 12/04/2019 14:45:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1041) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008690	.0088246	.0001575
Stddev	.0012789	.0019881	.0000178
%RSD	147.1639	22.52912	11.31686

#1	.0003798	.0092887	.0001614
#2	.0023202	.0105396	.0001381
#3	-.000093	.0066455	.0001732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.328	2320.911	47420.95	11048.91	3657.236
Stddev	7.709	1.527	275.42	65.52	1.648
%RSD	.4170615	.0658052	.5807957	.5930082	.0450496

#1	1842.956	2322.456	47289.97	11115.55	3656.569
#2	1844.867	2319.401	47235.47	11046.60	3656.026
#3	1857.161	2320.875	47737.42	10984.57	3659.112