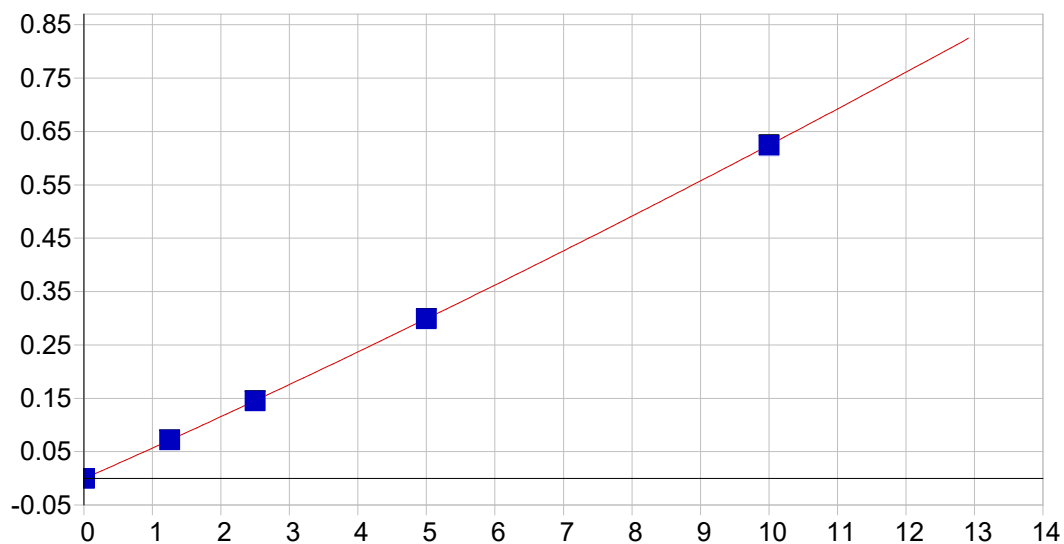




As 189.042 {479}

Date of Fit: 08/29/2019 17:20:01

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000518

Re-Slope: 1.000000

A1 (Gain): 0.056868

Y-int: 0.000000

A2 (Curvature): 0.000410

n (Exponent): 1.010000

Correlation: 0.999998

Status:

Warning

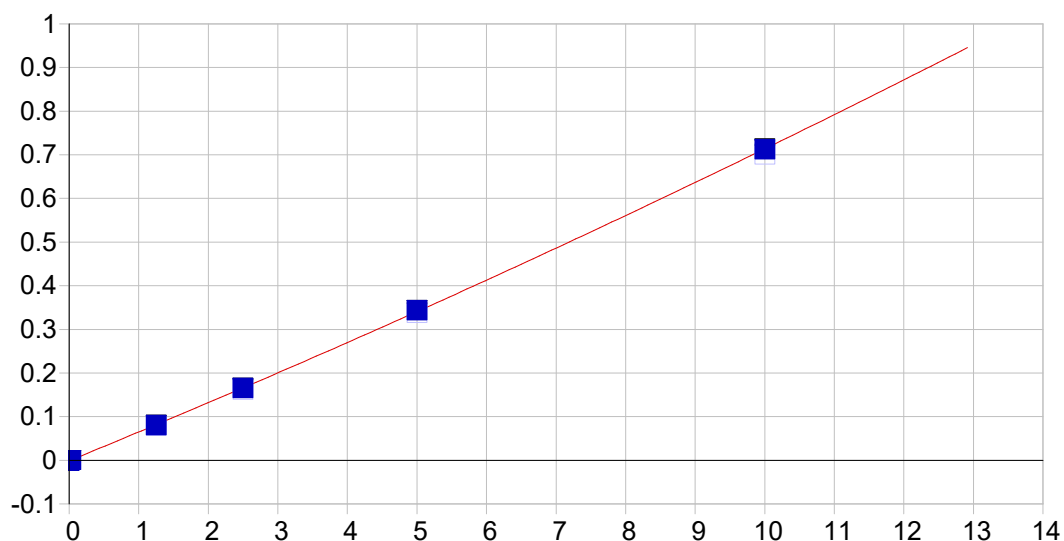
Positive Curvature

Std Error of Est: 0.000003

Predicted MDL: 0.003229

Predicted MQL: 0.010763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.01000	.00987	-.000	-1.35	.00002	.000	1
S2	1.2500	1.2582	.008	.656	.07160	.000	1
S3	2.5000	2.4908	-.009	-.370	.14451	.000	1
S4	5.0000	5.0002	.000	.004	.29801	.001	1
S5	10.000	10.001	.001	.011	.62233	.001	1

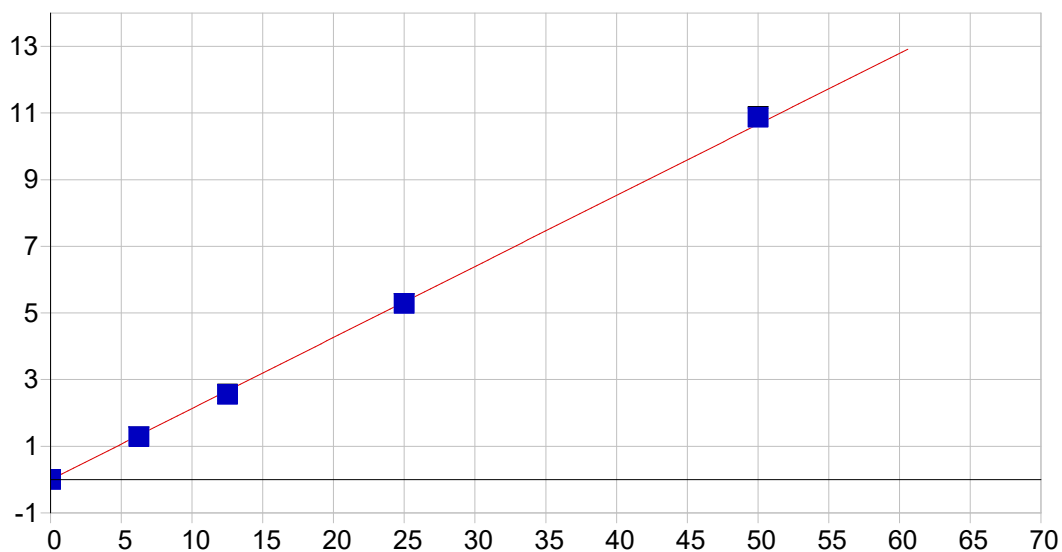


TI 190.856 {477}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.001017	Re-Slope:	1.000000
A1 (Gain):	0.065215	Y-int:	0.000000
A2 (Curvature):	0.000626		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	Warning Positive Curvature
Std Error of Est:	0.000012		
Predicted MDL:	0.003156		
Predicted MQL:	0.010520		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00102	.000	1
S1	.02500	.02640	.001	5.58	.00064	.000	1
S2	1.2500	1.2347	-.015	-1.23	.07895	.000	1
S3	2.5000	2.4885	-.012	-.460	.16214	.000	1
S4	5.0000	5.0391	.039	.781	.33748	.001	1
S5	10.000	9.9862	-.014	-.138	.70059	.001	1

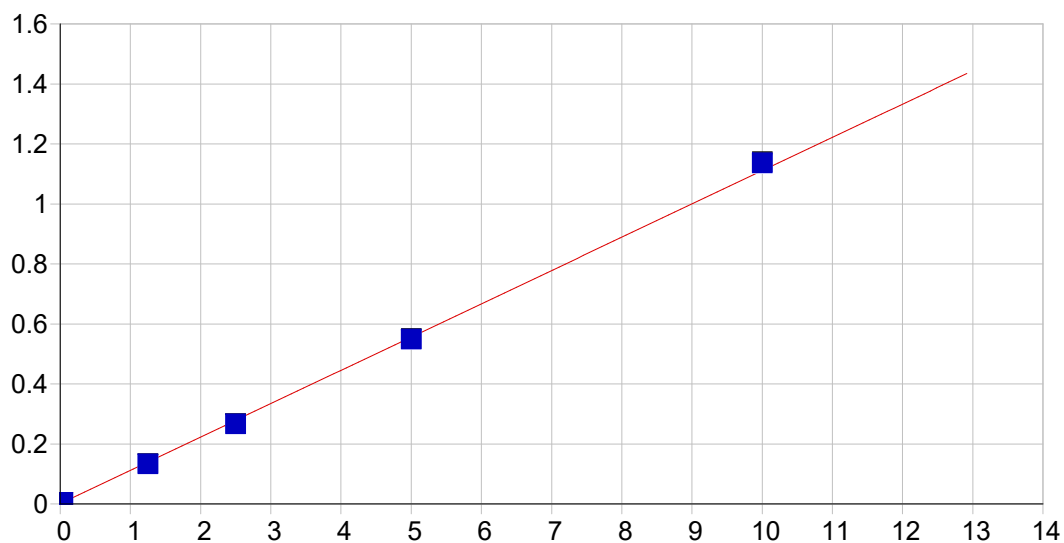


Pb 220.353 {453}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.213198 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999720 Status: OK.
 Std Error of Est: 0.000189
 Predicted MDL: 0.002181
 Predicted MQL: 0.007271

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.01000	.01190	.002	19.0	.00268	.000	1
S2	6.2500	6.0089	-.241	-3.86	1.2815	.004	1
S3	12.500	11.991	-.509	-4.07	2.5572	.003	1
S4	25.000	24.755	-.245	-.980	5.2789	.003	1
S5	50.000	50.993	.993	1.99	10.874	.021	1

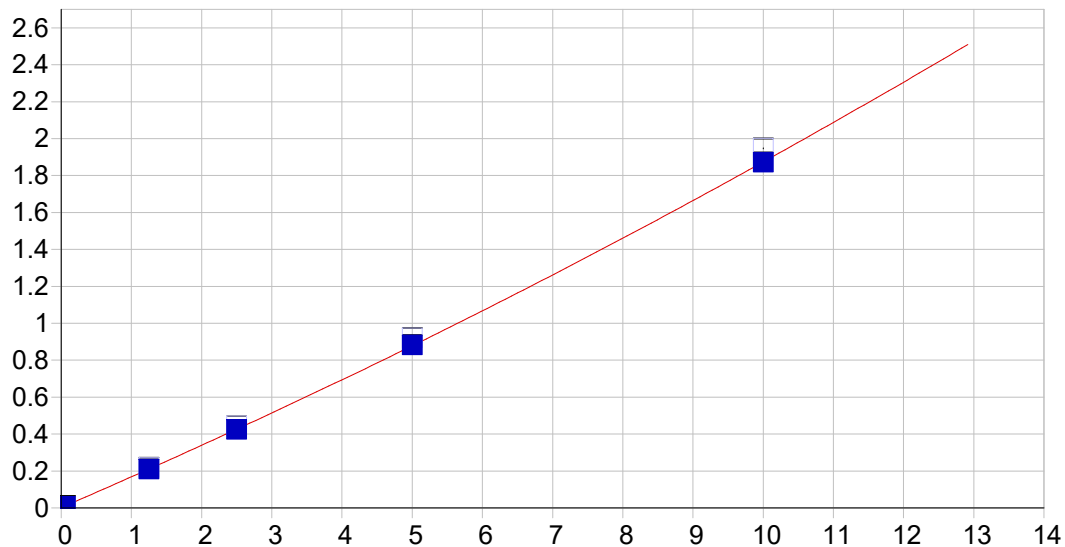


Se 196.090 {472}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001101 Re-Slope: 1.000000
 A1 (Gain): 0.110981 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999627 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.002212
 Predicted MQL: 0.007373

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00110	.000	1
S1	.03500	.03242	-.003	-7.37	.00470	.000	1
S2	1.2500	1.1893	-.061	-4.85	.13273	.000	1
S3	2.5000	2.3940	-.106	-4.24	.26606	.000	1
S4	5.0000	4.9352	-.065	-1.30	.54736	.002	1
S5	10.000	10.234	.234	2.34	1.1340	.003	1

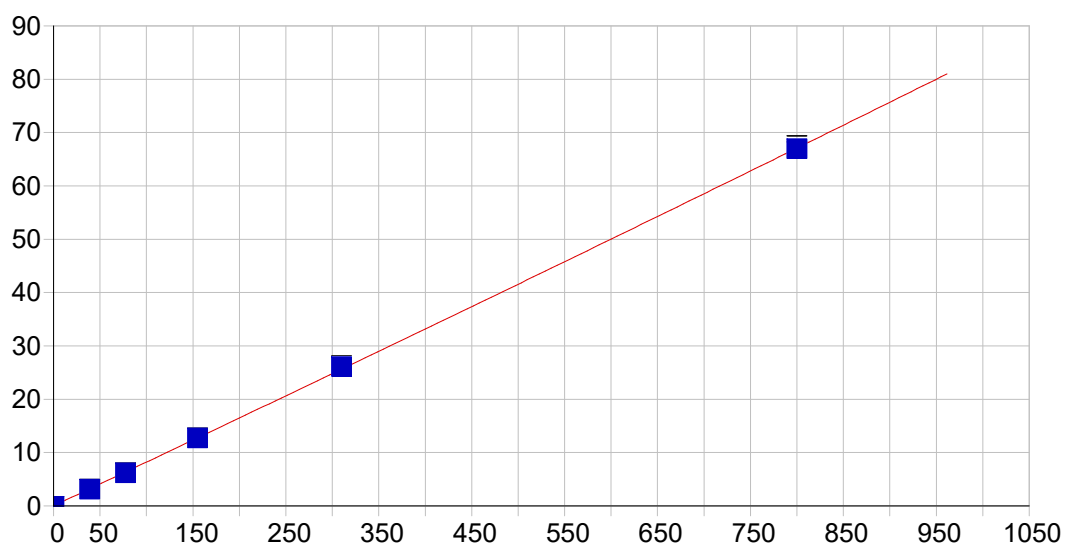


Sb 206.833 {463}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000611	Re-Slope:	1.000000
A1 (Gain):	0.164846	Y-int:	0.000000
A2 (Curvature):	0.002740		
n (Exponent):	0.990000		
Correlation:	0.999995	Status:	Warning Positive Curvature
Std Error of Est:	0.000034		
Predicted MDL:	0.001895		
Predicted MQL:	0.006315		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.06000	.06107	.001	1.78	.01098	.001	1
S2	1.2500	1.2448	-.005	-.418	.21907	.000	1
S3	2.5000	2.4888	-.011	-.447	.44280	.001	1
S4	5.0000	5.0224	.022	.447	.92015	.001	1
S5	10.000	9.9929	-.007	-.071	1.9476	.002	1

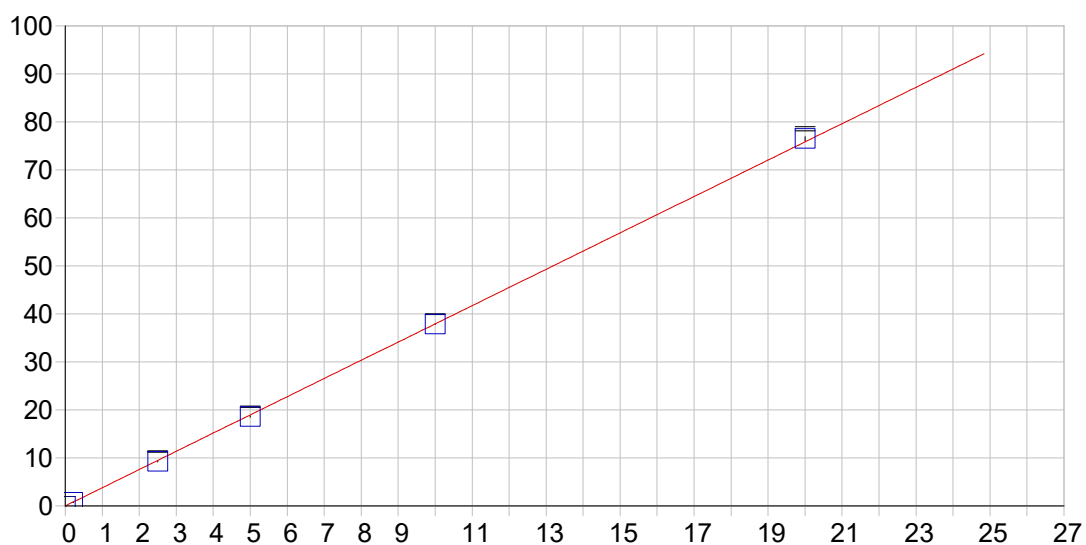


AI 396.152 { 85}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.005344	Re-Slope:	1.000000
A1 (Gain):	0.081915	Y-int:	0.000000
A2 (Curvature):	0.000002		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	Warning Positive Curvature
Std Error of Est:	0.000696		
Predicted MDL:	0.010793		
Predicted MQL:	0.035975		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00534	.000	1
S1	.20000	.19528	-.005	-2.36	.02162	.000	1
S2	38.750	37.710	-1.04	-2.68	3.1041	.025	1
S3	77.500	75.334	-2.17	-2.79	6.2027	.025	1
S4	155.00	154.25	-.748	-.483	12.724	.013	1
S5	310.00	315.72	5.72	1.84	26.159	.117	1
S6	800.00	798.23	-1.77	-.221	66.971	.568	1

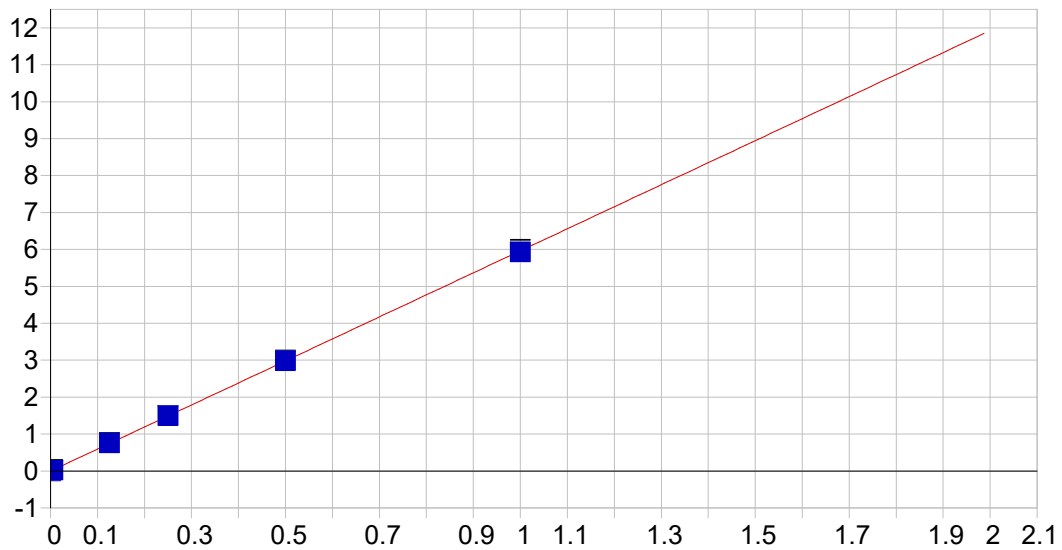


Ba 493.409 { 68}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003375 Re-Slope: 1.000000
 A1 (Gain): 3.791834 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.004559
 Predicted MDL: 0.000520
 Predicted MQL: 0.001734

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00342	.002	1
S1	.20000	.19589	-.004	-2.06	.74614	.004	1
S2	2.5000	2.4409	-.059	-2.36	9.2590	.141	1
S3	5.0000	4.9062	-.094	-1.88	18.607	.158	1
S4	10.000	9.9810	-.019	-.190	37.850	.058	1
S5	20.000	20.176	.176	.880	76.507	.440	1

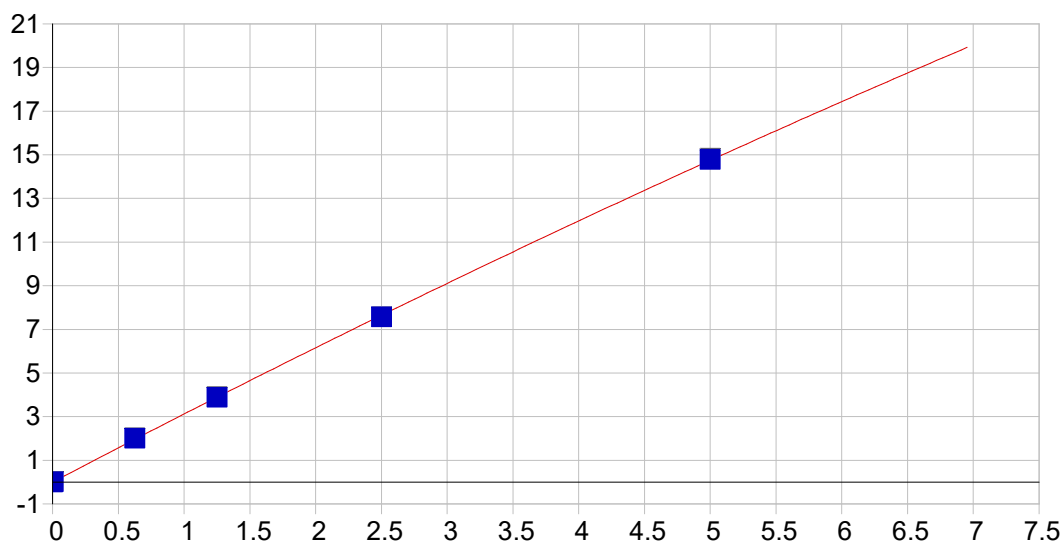


Be 234.861 {144}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002351	Re-Slope:	1.000000
A1 (Gain):	5.964003	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000152		
Predicted MDL:	0.000067		
Predicted MQL:	0.000224		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00235	.000	1
S1	.00500	.00486	-.000	-2.85	.02660	.001	1
S2	.12500	.12734	.002	1.87	.75461	.008	1
S3	.25000	.25153	.002	.610	1.4928	.007	1
S4	.50000	.50135	.001	.270	2.9778	.013	1
S5	1.0000	.99493	-.005	-.507	5.9116	.072	1

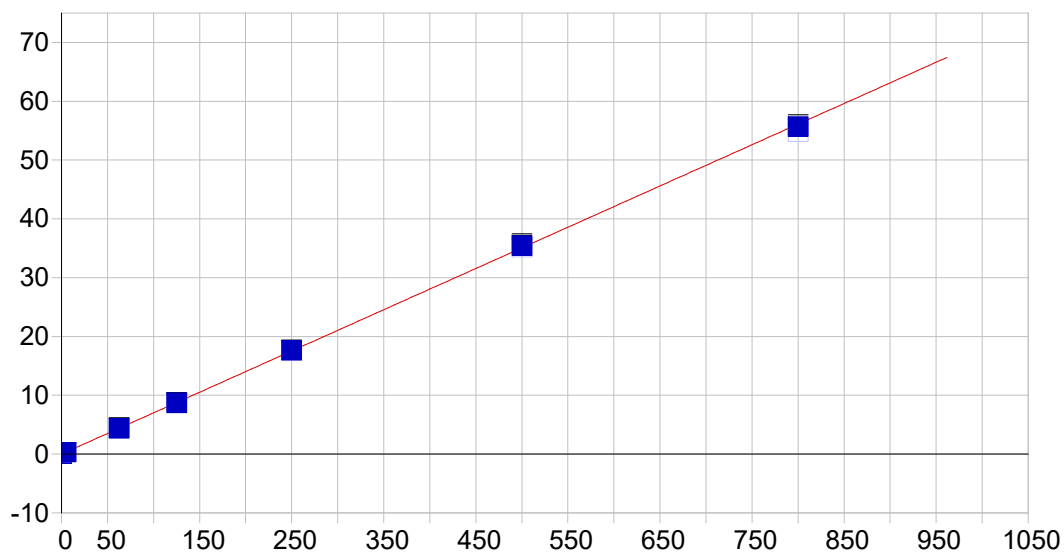


Cd 214.438 {457}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000663 Re-Slope: 1.000000
 A1 (Gain): 3.165062 Y-int: 0.000000
 A2 (Curvature): -0.043088
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.000107
 Predicted MQL: 0.000356

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00066	.000	1
S1	.00500	.00541	.000	8.22	.01647	.000	1
S2	.62500	.64017	.015	2.43	2.0109	.002	1
S3	1.2500	1.2470	-.003	-.236	3.8854	.008	1
S4	2.5000	2.4757	-.024	-.971	7.5832	.002	1
S5	5.0000	5.0118	.012	.235	14.804	.039	1

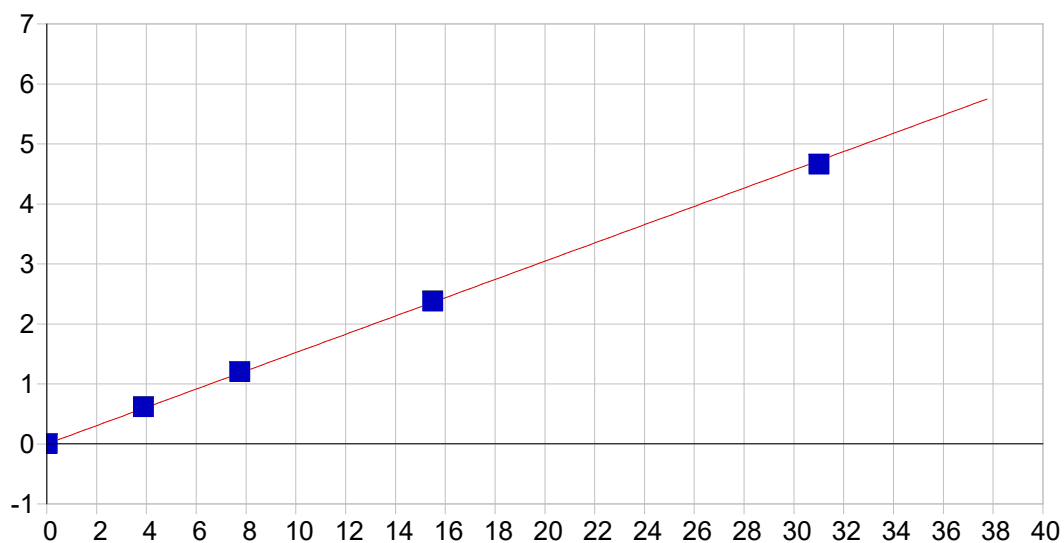


Ca 373.690 { 90}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000265 Re-Slope: 1.000000
A1 (Gain): 0.070145 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999960 Status: OK.
Std Error of Est: 0.002162
Predicted MDL: 0.012178
Predicted MQL: 0.040592

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00026	.001	1
S1	5.0000	5.1057	.106	2.11	.35830	.001	1
S2	62.500	62.585	.085	.136	4.3511	.063	1
S3	125.00	123.98	-1.02	-.815	8.6186	.061	1
S4	250.00	251.84	1.84	.736	17.509	.026	1
S5	500.00	505.44	5.44	1.09	35.140	.337	1
S6	800.00	793.51	-6.49	-.811	54.825	.347	1

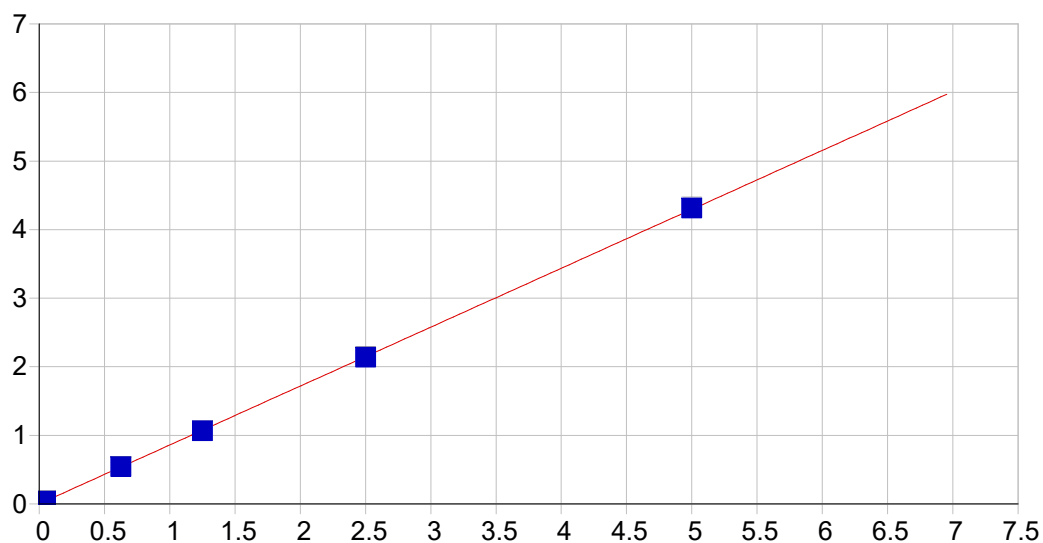


Cr 267.716 {126}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.152255 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.000619
 Predicted MQL: 0.002064

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.01101	.001	10.1	.00171	.000	1
S2	3.8750	4.0367	.162	4.17	.61538	.001	1
S3	7.7500	7.8909	.141	1.82	1.2029	.002	1
S4	15.500	15.605	.105	.681	2.3790	.003	1
S5	31.000	30.591	-.409	-1.32	4.6635	.003	1

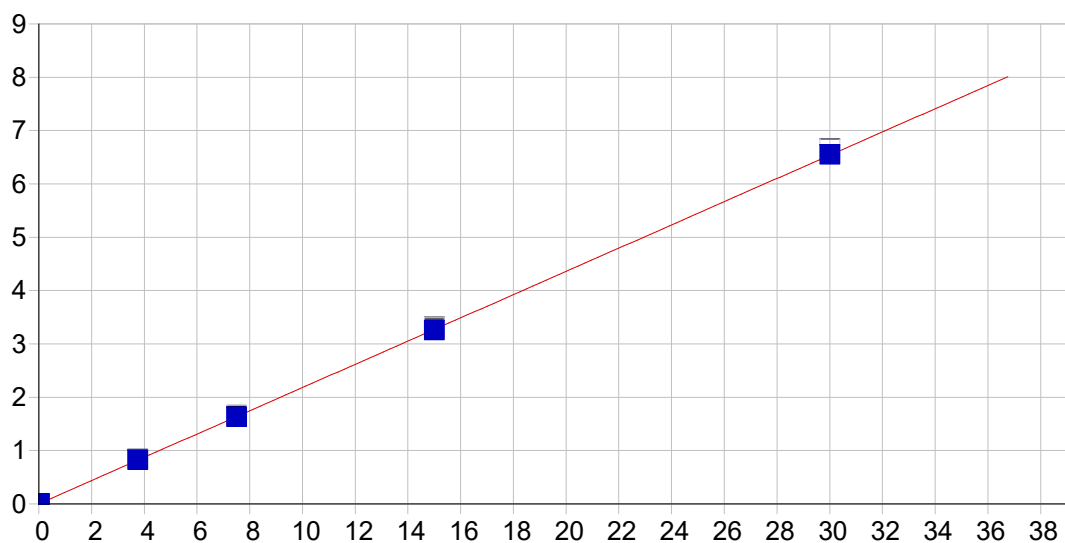


Co 228.616 {448}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000458	Re-Slope:	1.000000
A1 (Gain):	0.859073	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.000371		
Predicted MQL:	0.001236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.05000	.05102	.001	2.03	.04443	.000	1
S2	.62500	.62735	.002	.376	.54025	.001	1
S3	1.2500	1.2399	-.010	-.810	1.0673	.002	1
S4	2.5000	2.4873	-.013	-.509	2.1406	.001	1
S5	5.0000	5.0195	.019	.389	4.3194	.007	1

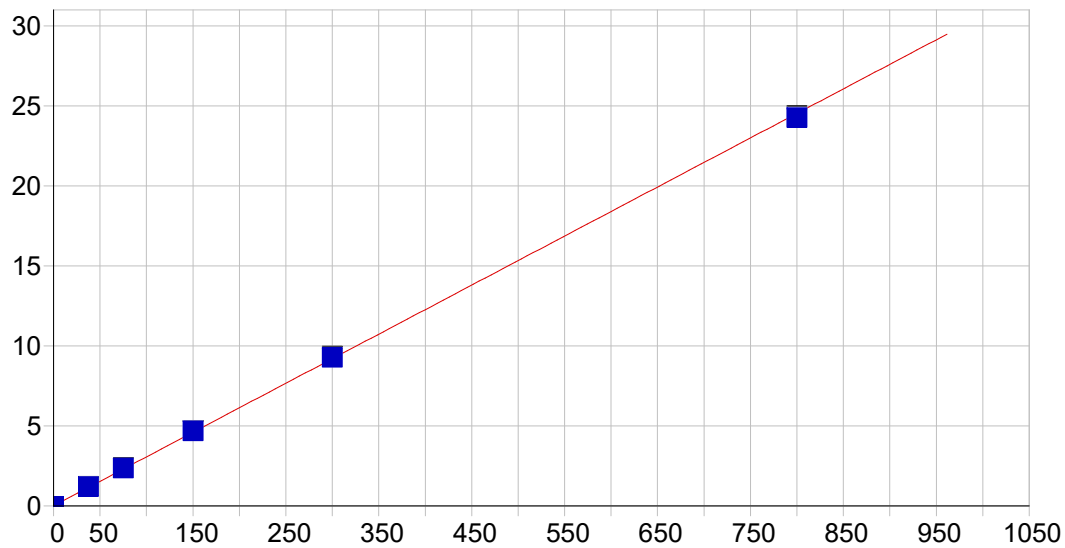


Cu 324.754 {104}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002943 Re-Slope: 1.000000
 A1 (Gain): 0.217847 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.002598
 Predicted MQL: 0.008661

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00294	.000	1
S1	.02500	.02138	-.004	-14.5	.00869	.000	1
S2	3.7500	3.7767	.027	.712	.83878	.003	1
S3	7.5000	7.4835	-.016	-.220	1.6594	.003	1
S4	15.000	14.944	-.056	-.371	3.3109	.008	1
S5	30.000	30.050	.050	.165	6.6540	.005	1

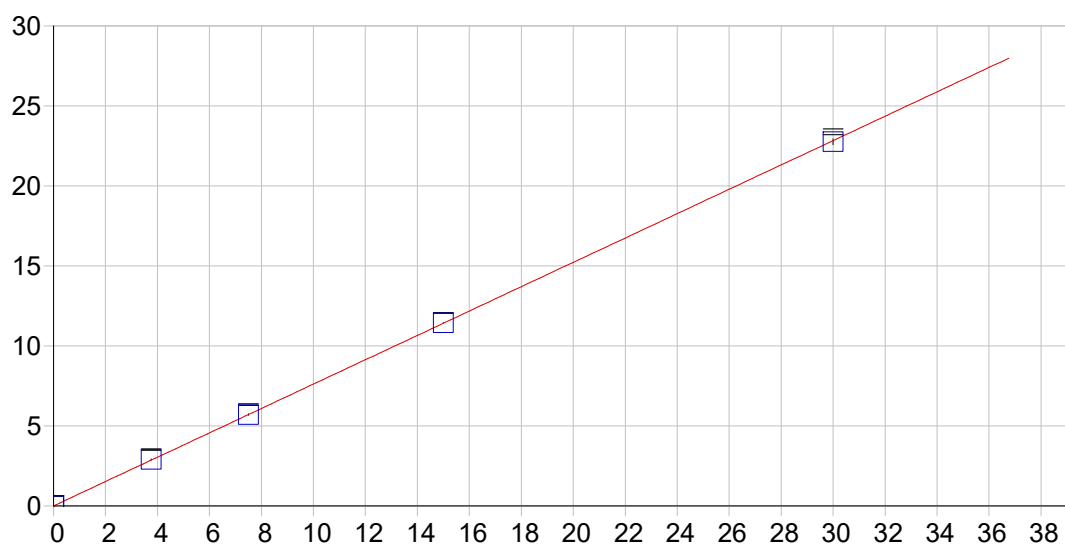


Fe 259.837 {130}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000451 Re-Slope: 1.000000
 A1 (Gain): 0.030664 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000187
 Predicted MDL: 0.009270
 Predicted MQL: 0.030900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00045	.000	1
S1	.10000	.10133	.001	1.33	.00369	.000	1
S2	37.500	39.007	1.51	4.02	1.1990	.014	1
S3	75.000	76.816	1.82	2.42	2.3607	.016	1
S4	150.00	152.66	2.66	1.77	4.6911	.011	1
S5	300.00	302.62	2.62	.872	9.2990	.055	1
S6	800.00	791.40	-8.60	-1.08	24.299	.089	1

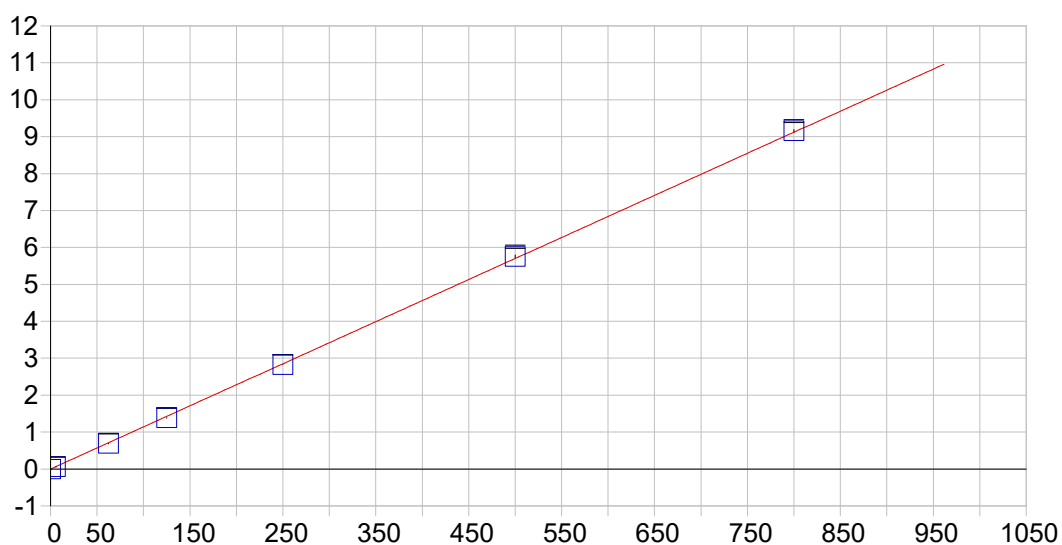


Mn 257.610 {131}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000373	Re-Slope:	1.000000
A1 (Gain):	0.761127	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000140		
Predicted MDL:	0.000397		
Predicted MQL:	0.001323		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.01500	.01636	.001	9.09	.01283	.000	1
S2	3.7500	3.8090	.059	1.57	2.8995	.034	1
S3	7.5000	7.5001	.000	.002	5.7089	.044	1
S4	15.000	15.040	.040	.267	11.448	.022	1
S5	30.000	29.899	-.101	-.335	22.758	.177	1

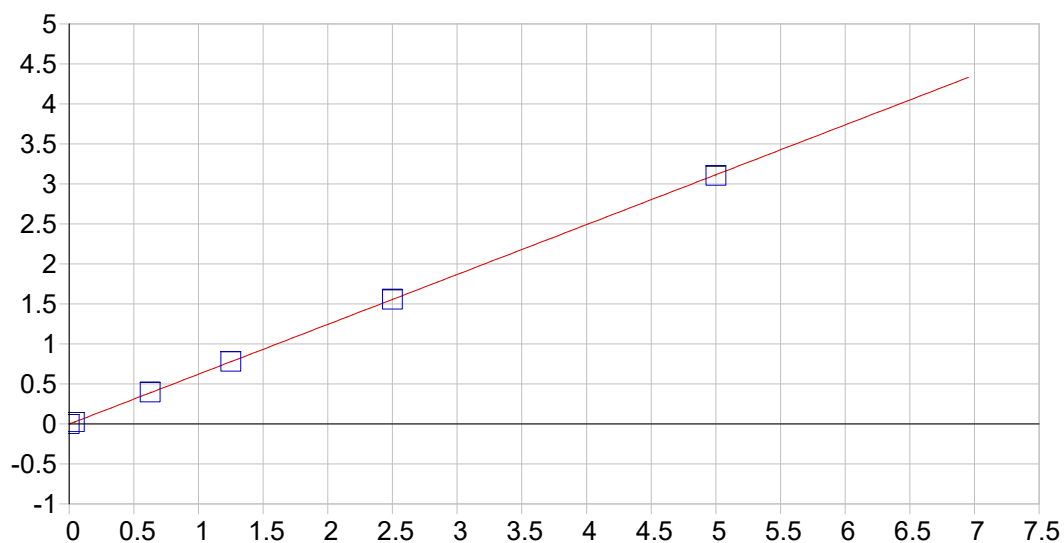


Mg 279.079 {121}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000201 Re-Slope: 1.000000
 A1 (Gain): 0.011401 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000458
 Predicted MDL: 0.027989
 Predicted MQL: 0.093296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00036	.000	.000	-.00020	.000	1
S1	5.0000	4.9079	-.092	-1.84	.05575	.001	1
S2	62.500	60.697	-1.80	-2.88	.69179	.009	1
S3	125.00	121.41	-3.59	-2.87	1.3840	.008	1
S4	250.00	247.78	-2.22	-.887	2.8247	.002	1
S5	500.00	504.59	4.59	.919	5.7525	.040	1
S6	800.00	803.11	3.11	.388	9.1557	.038	1

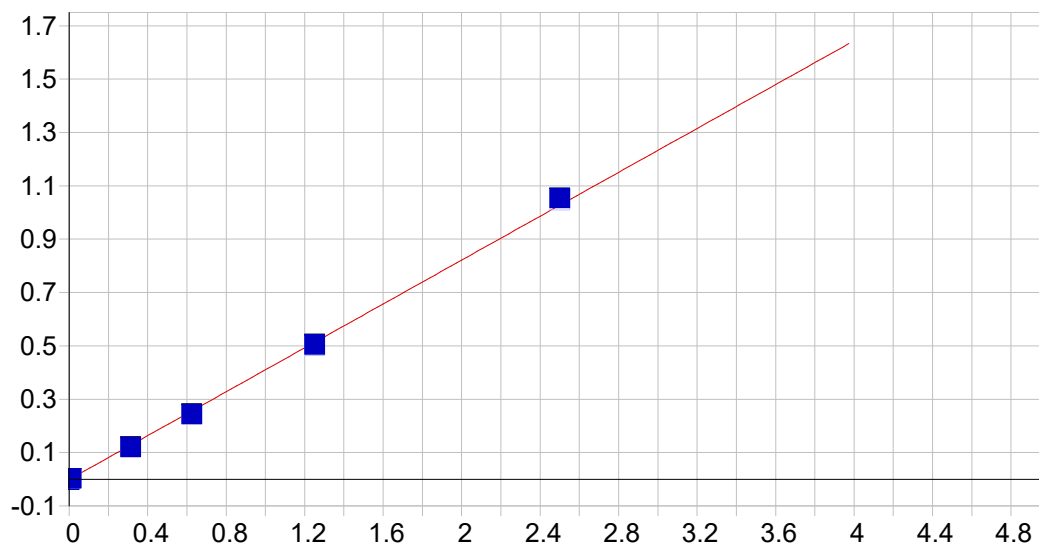


Ni 231.604 {446}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001844 Re-Slope: 1.000000
A1 (Gain): 0.623230 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999978 Status: OK.
Std Error of Est: 0.000097
Predicted MDL: 0.000584
Predicted MQL: 0.001947

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00185	.000	1
S1	.04000	.04219	.002	5.48	.02445	.000	1
S2	.62500	.63627	.011	1.80	.39470	.001	1
S3	1.2500	1.2549	.005	.394	.78026	.001	1
S4	2.5000	2.4993	-.001	-.029	1.5558	.003	1
S5	5.0000	4.9823	-.018	-.353	3.1033	.002	1

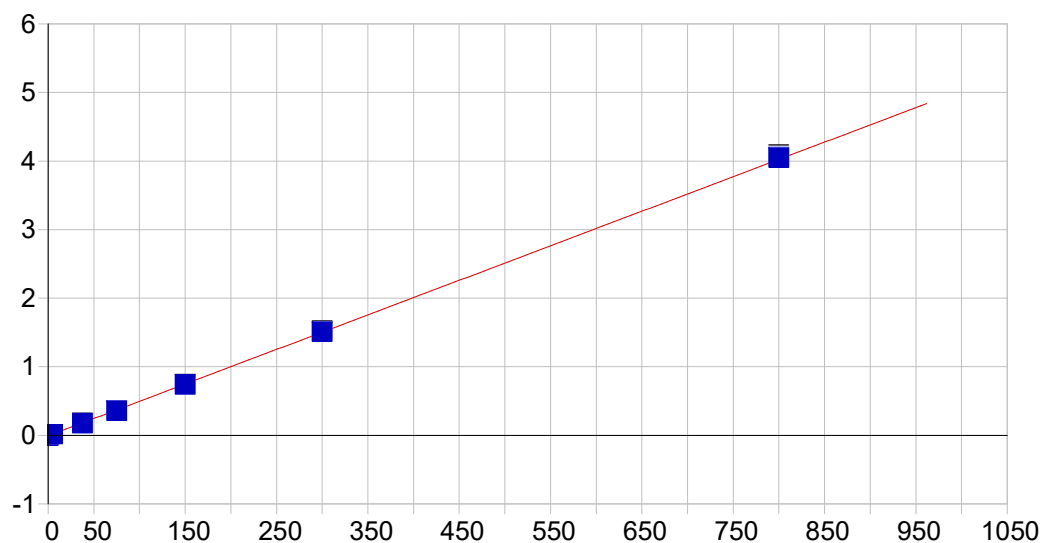


Ag 328.068 {103}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001035	Re-Slope:	1.000000
A1 (Gain):	0.411288	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999543	Status:	OK.
Std Error of Est:	0.000104		
Predicted MDL:	0.000434		
Predicted MQL:	0.001446		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.01000	.00949	-.001	-5.14	.00283	.000	1
S2	.31250	.29601	-.016	-5.28	.11961	.001	1
S3	.62500	.59662	-.028	-4.54	.24215	.001	1
S4	1.2500	1.2299	-.020	-1.61	.50039	.002	1
S5	2.5000	2.5655	.066	2.62	1.0453	.001	1

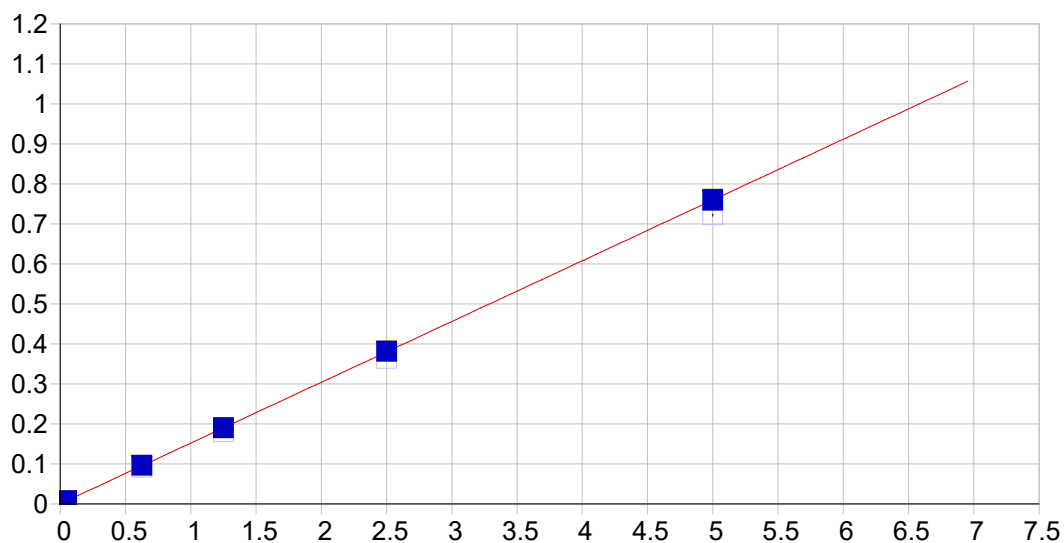


Na 818.326 { 41}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.007029	Re-Slope:	1.000000
A1 (Gain):	0.005039	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.000175		
Predicted MDL:	0.307820		
Predicted MQL:	1.026066		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.000	.000	-.00703	.002	1
S1	5.0000	4.8463	-.154	-3.07	.01739	.001	1
S2	37.500	36.162	-1.34	-3.57	.17602	.001	1
S3	75.000	72.806	-2.19	-2.93	.36149	.001	1
S4	150.00	148.10	-1.90	-1.26	.74255	.001	1
S5	300.00	300.76	.764	.255	1.5151	.008	1
S6	800.00	804.82	4.82	.602	4.0660	.024	1

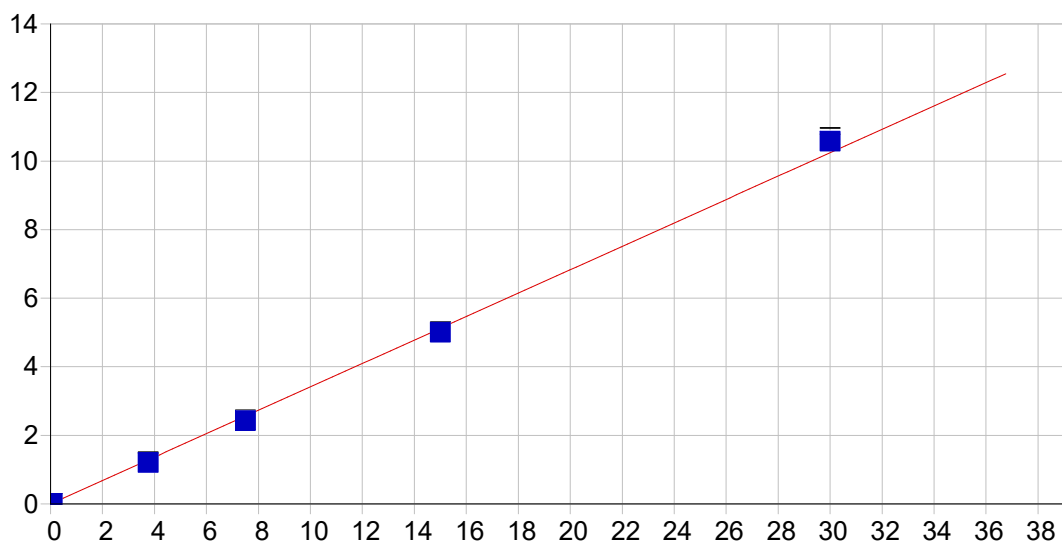


V 292.402 {115}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000241	Re-Slope:	1.000000
A1 (Gain):	0.151918	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.002809		
Predicted MQL:	0.009364		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.05000	.05201	.002	4.02	.00813	.000	1
S2	.62500	.62972	.005	.755	.09135	.001	1
S3	1.2500	1.2450	-.005	-.401	.18027	.001	1
S4	2.5000	2.5074	.007	.296	.36295	.001	1
S5	5.0000	4.9908	-.009	-.184	.72202	.003	1

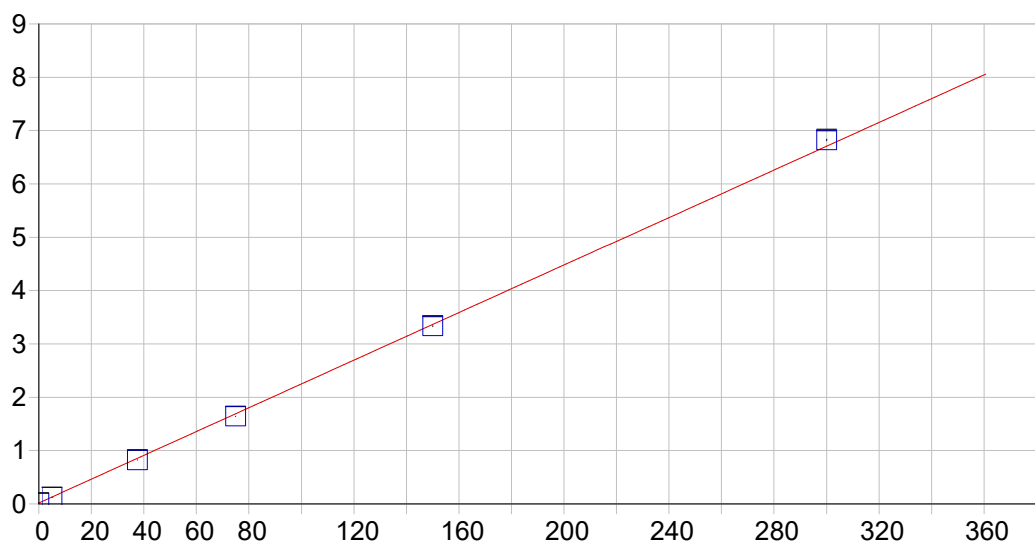


Zn 213.856 {158}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001094 Re-Slope: 1.000000
 A1 (Gain): 0.341387 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999333 Status: OK.
 Std Error of Est: 0.000889
 Predicted MDL: 0.001774
 Predicted MQL: 0.005913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00110	.000	1
S1	.06000	.05415	-.006	-9.74	.01964	.002	1
S2	3.7500	3.5311	-.219	-5.84	1.2087	.013	1
S3	7.5000	7.0946	-.405	-5.41	2.4273	.019	1
S4	15.000	14.650	-.350	-2.33	5.0107	.018	1
S5	30.000	30.980	.980	3.27	10.594	.090	1

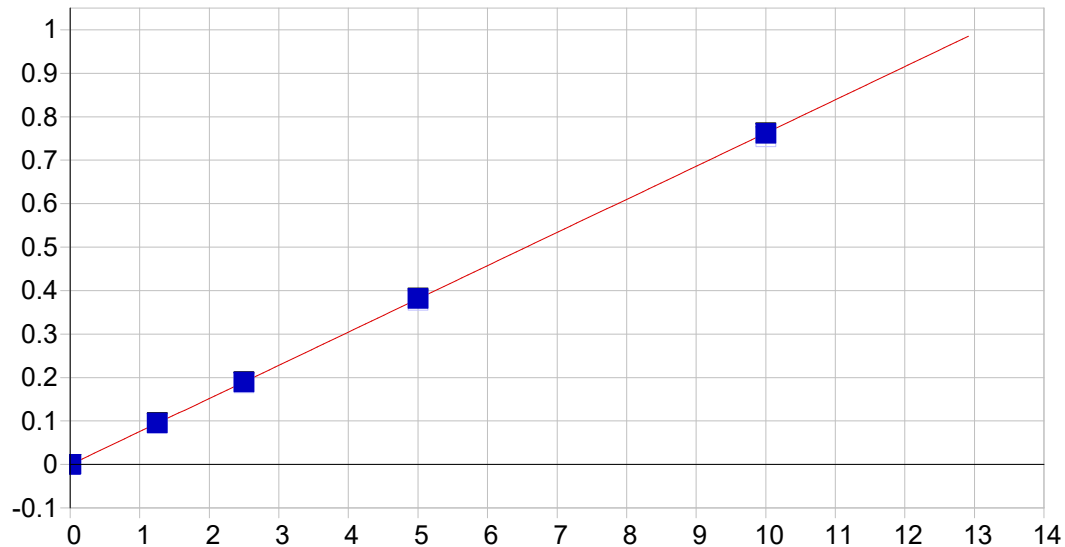


K 769.896 { 44}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020608 Re-Slope: 1.000000
 A1 (Gain): 0.022288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000933
 Predicted MDL: 0.072973
 Predicted MQL: 0.243245

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00051	.001	.000	.02062	.001	1
S1	5.0000	4.7875	-.213	-4.25	.12731	.001	1
S2	37.500	36.040	-1.46	-3.89	.82387	.004	1
S3	75.000	72.798	-2.20	-2.94	1.6431	.002	1
S4	150.00	148.65	-1.35	-.901	3.3337	.009	1
S5	300.00	305.23	5.23	1.74	6.8235	.016	1

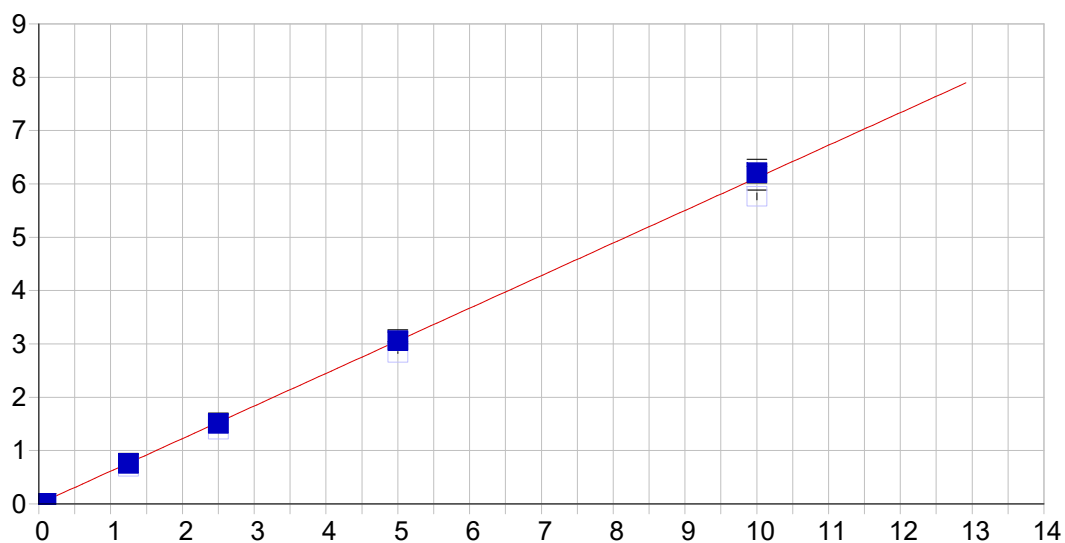


P 177.495 {490}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000788 Re-Slope: 1.000000
 A1 (Gain): 0.076336 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.002074
 Predicted MQL: 0.006912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.01000	.00979	-.000	-2.05	-.00004	.000	1
S2	1.2500	1.2603	.010	.826	.09435	.000	1
S3	2.5000	2.4924	-.008	-.303	.18733	.000	1
S4	5.0000	5.0105	.011	.211	.37742	.001	1
S5	10.000	9.9869	-.013	-.131	.75302	.001	1

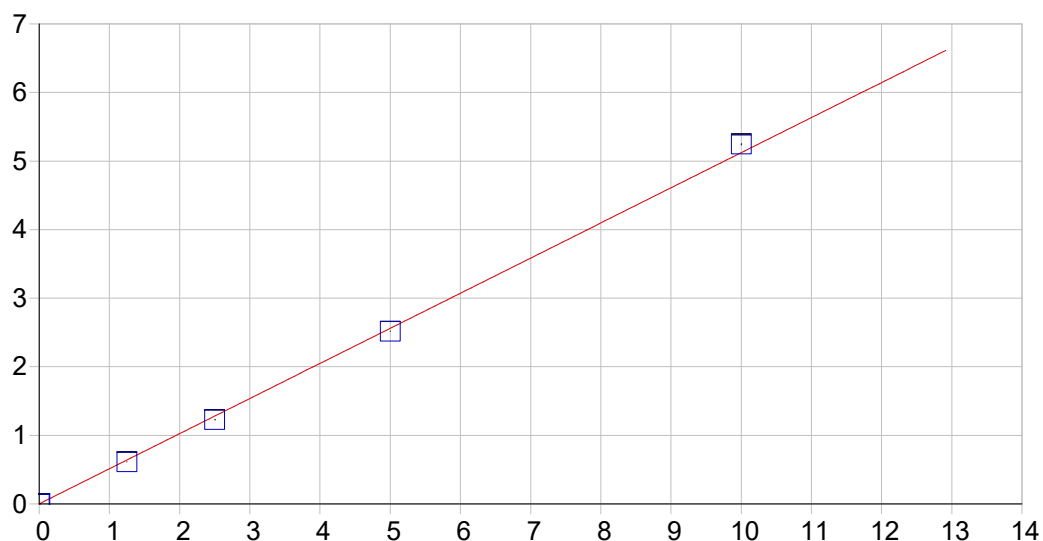


B 249.678 {135}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002443	Re-Slope:	1.000000
A1 (Gain):	0.611154	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997366	Status:	OK.
Std Error of Est:	0.002191		
Predicted MDL:	0.000838		
Predicted MQL:	0.002792		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00250	.001	1
S1	.10000	.00921	-.091	-90.8	.00795	.001	1
S2	1.2500	1.2313	-.019	-1.49	.69954	.010	1
S3	2.5000	2.4620	-.038	-1.52	1.3962	.008	1
S4	5.0000	4.9985	-.002	-.031	2.8355	.018	1
S5	10.000	10.156	.156	1.56	5.7657	.065	1

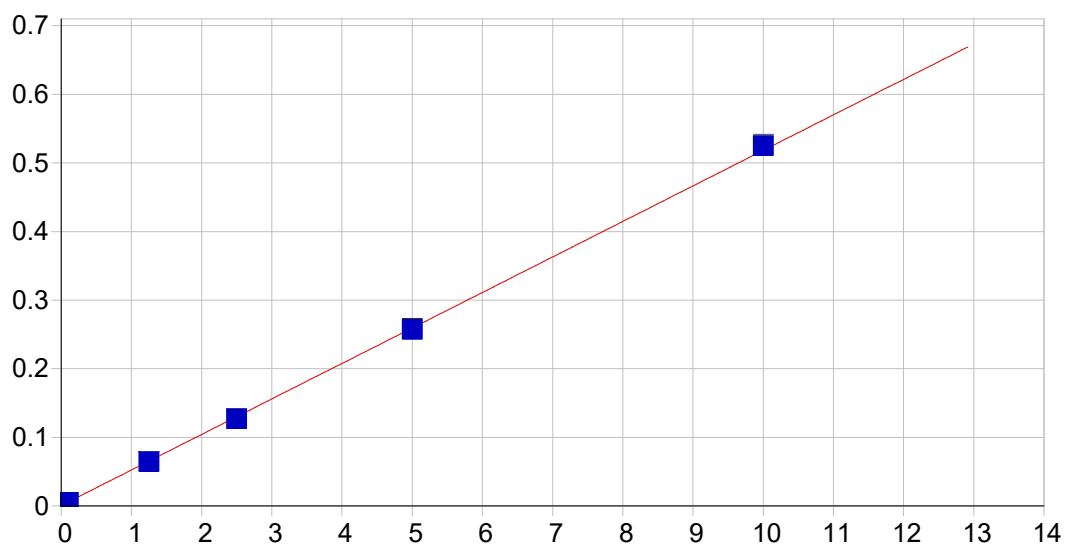


Mo 202.030 {467}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000383	Re-Slope:	1.000000
A1 (Gain):	0.512071	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999627	Status:	OK.
Std Error of Est:	0.000235		
Predicted MDL:	0.000473		
Predicted MQL:	0.001575		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.01000	.00971	-.000	-2.94	.00535	.000	1
S2	1.2500	1.1956	-.054	-4.35	.61263	.001	1
S3	2.5000	2.3973	-.103	-4.11	1.2280	.001	1
S4	5.0000	4.9139	-.086	-1.72	2.5167	.002	1
S5	10.000	10.243	.243	2.43	5.2457	.009	1

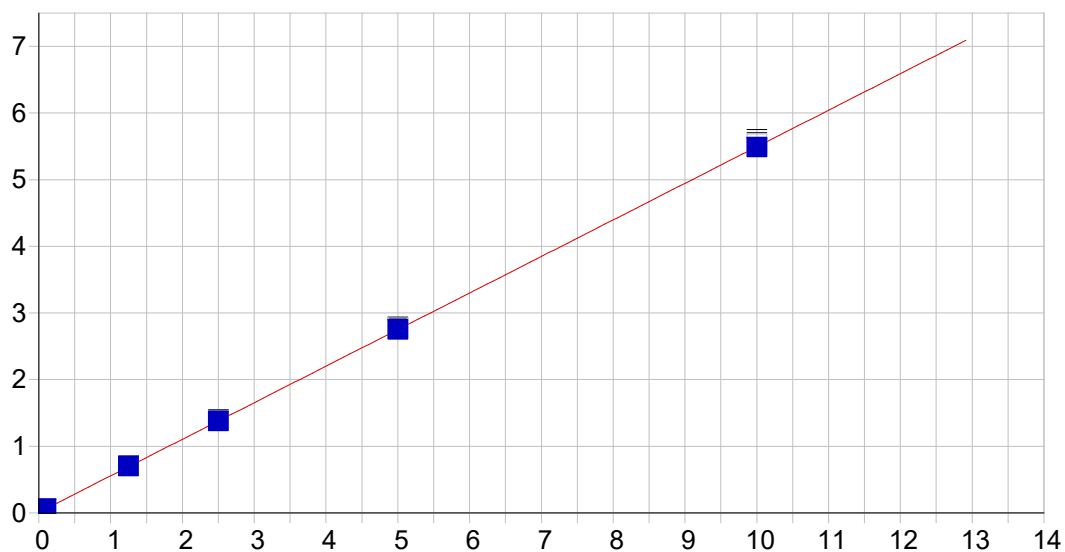


S 182.034 {485}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000620	Re-Slope:	1.000000
A1 (Gain):	0.051760	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999891	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.003610		
Predicted MQL:	0.012033		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00062	.000	1
S1	.10000	.09759	-.002	-2.41	.00567	.000	1
S2	1.2500	1.2329	-.017	-1.37	.06457	.000	1
S3	2.5000	2.4356	-.064	-2.58	.12696	.000	1
S4	5.0000	4.9527	-.047	-.946	.25752	.001	1
S5	10.000	10.131	.131	1.31	.52609	.001	1

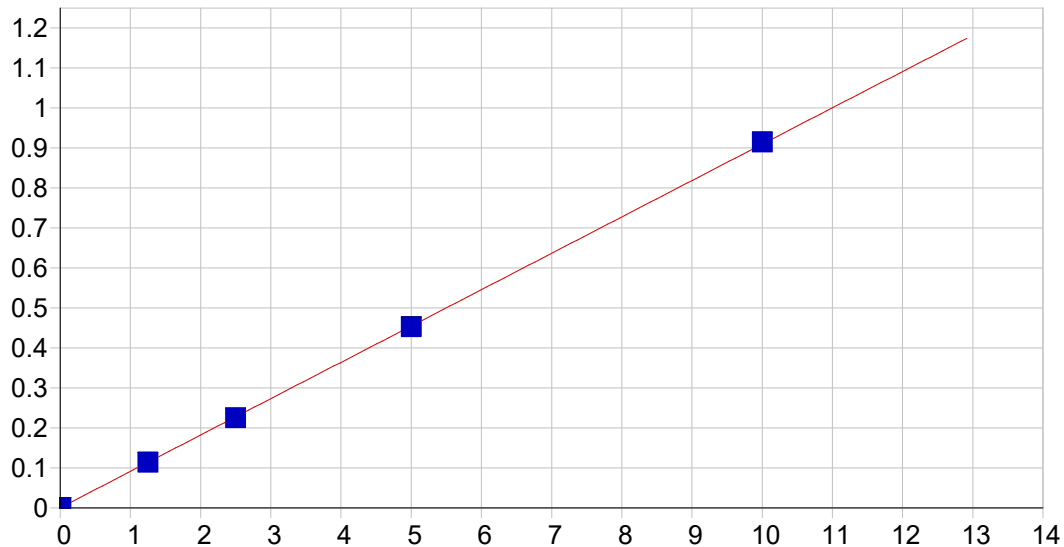


Si 251.611 {134}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007731 Re-Slope: 1.000000
 A1 (Gain): 0.548589 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000111
 Predicted MDL: 0.000952
 Predicted MQL: 0.003174

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00773	.000	1
S1	.10000	.09637	-.004	-3.63	.06079	.001	1
S2	1.2500	1.2621	.012	.971	.70619	.007	1
S3	2.5000	2.5008	.001	.031	1.3918	.009	1
S4	5.0000	5.0044	.004	.088	2.7774	.013	1
S5	10.000	9.9863	-.014	-.137	5.5346	.068	1

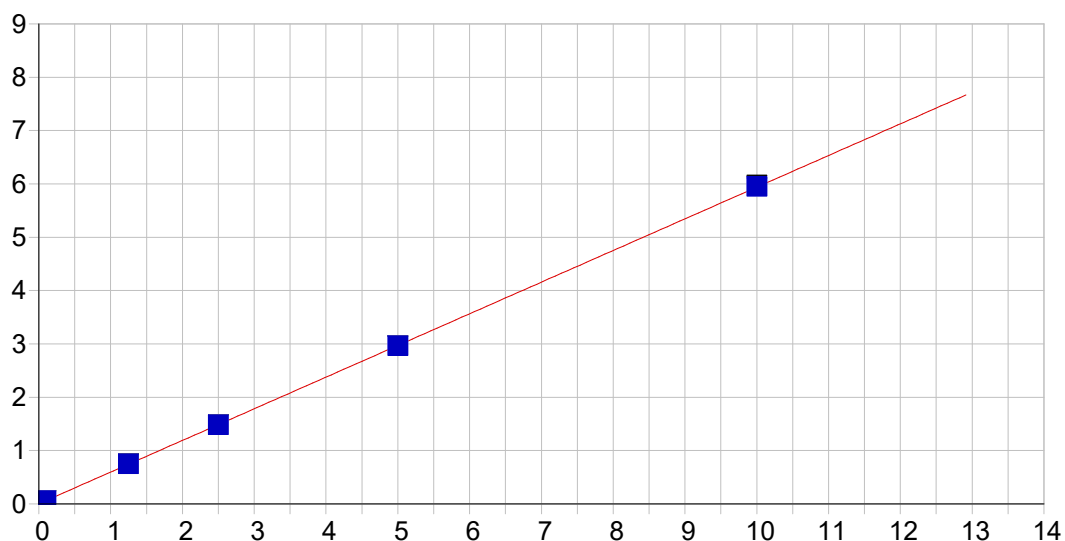


Sn 189.989 {478}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000448 Re-Slope: 1.000000
 A1 (Gain): 0.090907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.001693
 Predicted MQL: 0.005644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.00700	.00584	-.001	-16.6	.00096	.000	1
S2	1.2500	1.2493	-.001	-.057	.11378	.000	1
S3	2.5000	2.4721	-.028	-1.11	.22471	.000	1
S4	5.0000	4.9733	-.027	-.533	.45162	.001	1
S5	10.000	10.056	.056	.564	.91276	.001	1

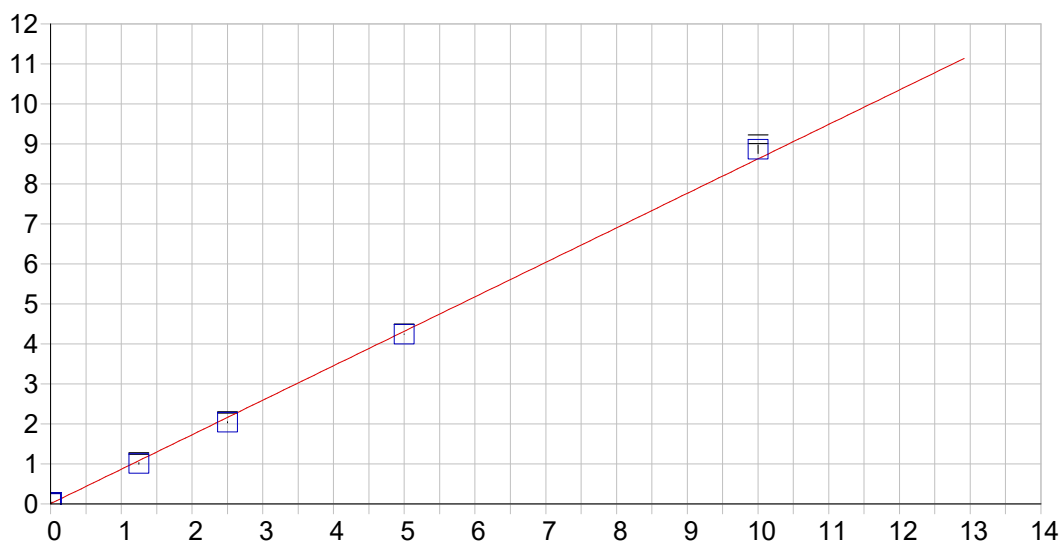


Ti 336.121 {100}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003081	Re-Slope:	1.000000
A1 (Gain):	0.593568	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999991	Status:	OK.
Std Error of Est:	0.000134		
Predicted MDL:	0.001070		
Predicted MQL:	0.003566		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00308	.001	1
S1	.10000	.09600	-.004	-4.00	.06005	.000	1
S2	1.2500	1.2562	.006	.500	.74849	.008	1
S3	2.5000	2.4887	-.011	-.451	1.4798	.008	1
S4	5.0000	4.9852	-.015	-.295	2.9611	.006	1
S5	10.000	10.024	.024	.238	5.9508	.026	1



Li 670.784 { 50}

Date of Fit: 08/29/2019 17:20:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005711 Re-Slope: 1.000000
 A1 (Gain): 0.861960 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998129 Status: OK.
 Std Error of Est: 0.001084
 Predicted MDL: 0.001879
 Predicted MQL: 0.006263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00569	.001	1
S5	10.000	10.281	.281	2.81	8.8675	.109	1
S4	5.0000	4.9160	-.084	-1.68	4.2431	.004	1
S3	2.5000	2.3613	-.139	-5.55	2.0411	.016	1
S2	1.2500	1.1650	-.085	-6.80	1.0099	.020	1
S1	.01500	.04172	.027	178.	.04167	.002	1







Y 371.030 { 91}*

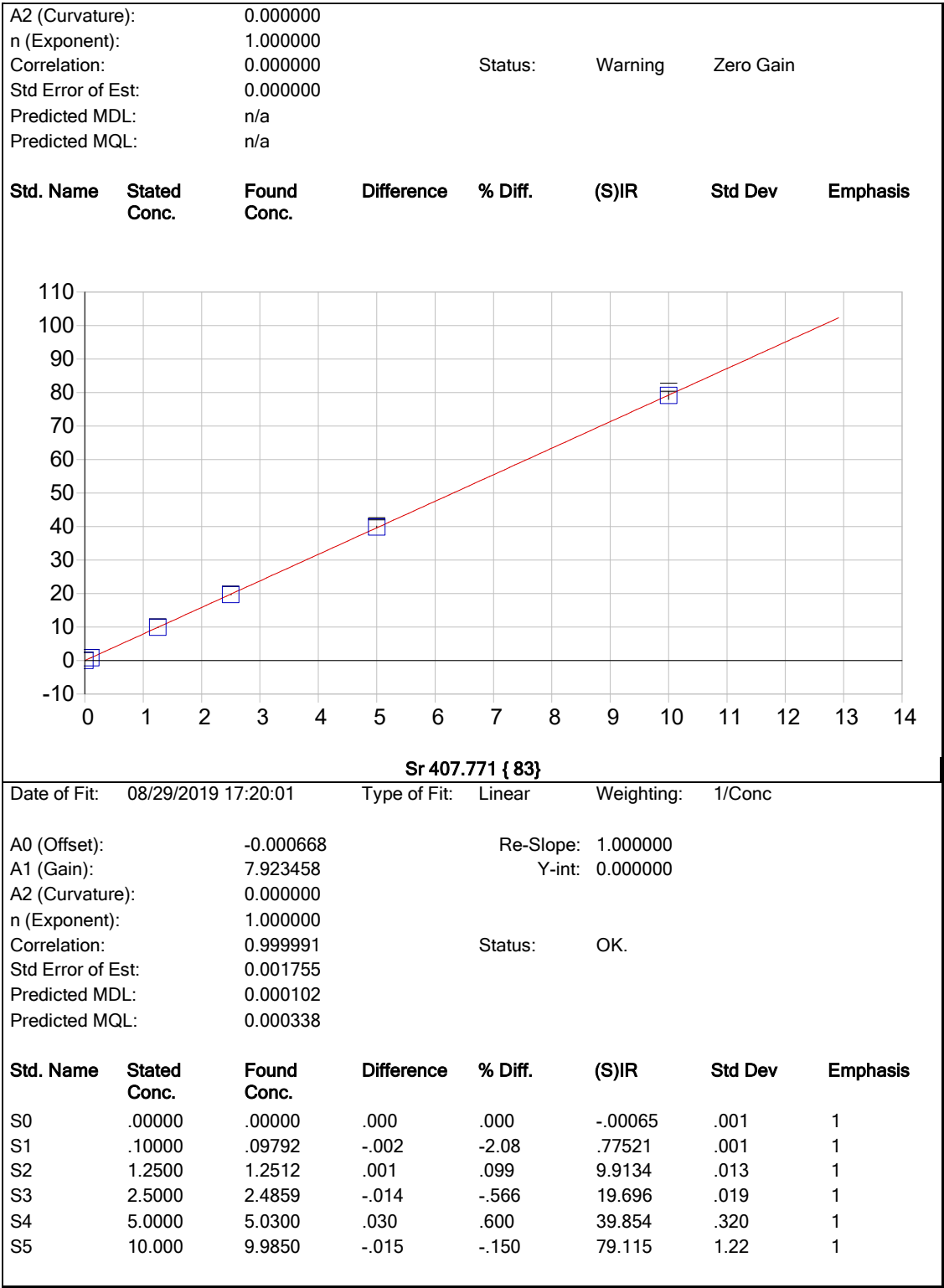
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 08/29/2019 12:18:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	-.00052	-.00102	.00015	.00110	.00061	.00534	.00342	-.00235
Stddev	.00018	.00018	.00017	.00016	.00039	.00017	.00184	.00028
%RSD	33.897	17.517	114.11	14.587	64.059	3.2321	53.787	11.982

#1	-.00060	-.00122	-.00001	.00127	.00022	.00525	.00130	-.00208
#2	-.00064	-.00095	.00032	.00109	.00100	.00524	.00447	-.00233
#3	-.00032	-.00088	.00013	.00095	.00062	.00554	.00449	-.00264

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	-.00066	.00026	.00003	.00046	.00294	.00045	.00037	-.00020
Stddev	.00030	.00064	.00006	.00030	.00017	.00005	.00011	.00016
%RSD	44.852	248.04	196.62	66.613	5.7618	10.788	29.489	81.831

#1	-.00046	.00086	.00006	.00042	.00314	.00048	.00049	-.00028
#2	-.00053	.00031	-.00004	.00017	.00283	.00039	.00035	-.00001
#3	-.00101	-.00041	.00006	.00078	.00286	.00048	.00027	-.00030

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	-.00185	-.00103	-.00703	.00024	.00110	.02062	-.00079	.00250
Stddev	.00034	.00011	.00171	.00006	.00008	.00127	.00005	.00058
%RSD	18.595	10.172	24.391	25.633	6.9233	6.1706	6.5183	23.149

#1	-.00207	-.00099	-.00534	.00030	.00117	.01917	-.00085	.00269
#2	-.00202	-.00116	-.00697	.00024	.00102	.02156	-.00075	.00185
#3	-.00145	-.00096	-.00877	.00018	.00110	.02113	-.00077	.00296

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	.00038	.00062	.00773	.00045	.00308	.00569	-.00065	
Stddev	.00016	.00020	.00025	.00005	.00075	.00065	.00053	
%RSD	40.865	32.727	3.2366	10.505	24.210	11.500	80.812	

#1	.00028	.00043	.00744	.00050	.00389	.00534	-.00094	
#2	.00056	.00060	.00786	.00041	.00294	.00529	-.00097	
#3	.00031	.00083	.00789	.00044	.00242	.00644	-.00004	

Sample Name: S0 Acquired: 08/29/2019 12:18:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	1782.5	2645.8	38603.	6635.0	2901.5
Stddev	10.3	4.3	235.	4.0	3.6
%RSD	.57608	.16129	.60791	.06088	.12531
#1	1770.7	2650.7	38564.	6632.6	2897.4
#2	1789.3	2642.5	38855.	6632.8	2904.2
#3	1787.6	2644.3	38390.	6639.7	2903.0

Sample Name: S1 Acquired: 08/29/2019 12:22:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.00064	.00268	.00470	.01098	.02162	.74614	.02660
Stddev	.00011	.00007	.00024	.00006	.00053	.00017	.00380	.00050
%RSD	660.60	10.381	9.1081	1.2377	4.8576	.76492	.50881	1.8939
#1	-.00007	.00058	.00247	.00473	.01066	.02178	.74889	.02604
#2	-.00003	.00071	.00263	.00473	.01069	.02145	.74181	.02674
#3	.00015	.00062	.00295	.00463	.01160	.02164	.74772	.02702
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	.01647	.35830	.00171	.04443	.00869	.00369	.01283	.05575
Stddev	.00004	.00136	.00003	.00023	.00040	.00010	.00001	.00068
%RSD	.23773	.37896	1.9103	.52607	4.5717	2.6724	.09536	1.2286
#1	.01644	.35732	.00174	.04418	.00875	.00367	.01281	.05498
#2	.01645	.35774	.00172	.04464	.00827	.00359	.01283	.05600
#3	.01652	.35985	.00167	.04448	.00905	.00379	.01284	.05628
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	.02445	.00283	.01739	.00813	.01964	.12731	-.00004	.00795
Stddev	.00005	.00016	.00059	.00018	.00155	.00065	.00019	.00068
%RSD	.19675	5.5972	3.3842	2.2331	7.9031	.50913	443.23	8.5132
#1	.02450	.00299	.01678	.00823	.02143	.12786	-.00021	.00732
#2	.02441	.00283	.01796	.00792	.01865	.12748	-.00008	.00867
#3	.02444	.00268	.01743	.00823	.01884	.12660	.00016	.00786
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	.00535	.00567	.06079	.00096	.06005	.04167	.77521	
Stddev	.00033	.00003	.00083	.00010	.00013	.00172	.00050	
%RSD	6.1507	.52411	1.3602	10.871	.22244	4.1215	.06489	
#1	.00567	.00566	.06042	.00104	.06015	.04073	.77577	
#2	.00537	.00570	.06022	.00100	.05990	.04063	.77479	
#3	.00502	.00565	.06174	.00084	.06010	.04365	.77507	

Sample Name: S1 Acquired: 08/29/2019 12:22:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	1787.4	2645.1	38613.	6489.6	2946.7
Stddev	5.8	1.7	135.	33.6	2.8
%RSD	.32578	.06566	.35028	.51755	.09515
#1	1784.1	2643.1	38459.	6501.0	2945.2
#2	1794.1	2646.4	38670.	6516.1	2949.9
#3	1784.0	2645.7	38711.	6451.9	2944.9

Sample Name: S2 Acquired: 08/29/2019 12:26:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.07160	.07895	1.2815	.13273	.21907	3.1041	9.2590	.75461
Stddev	.00040	.00011	.0035	.00030	.00036	.0247	.1414	.00801
%RSD	.55587	.14181	.27379	.22317	.16351	.79636	1.5274	1.0614

#1	.07114	.07883	1.2782	.13306	.21948	3.0802	9.1123	.74558
#2	.07187	.07899	1.2852	.13249	.21894	3.1026	9.2701	.75743
#3	.07177	.07904	1.2810	.13263	.21880	3.1296	9.3945	.76083

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	2.0109	4.3511	.61538	.54025	.83878	1.1990	2.8995	.69179
Stddev	.0022	.0626	.00077	.00075	.00329	.0136	.0341	.00911
%RSD	.10925	1.4386	.12477	.13855	.39230	1.1361	1.1772	1.3162

#1	2.0126	4.2877	.61499	.54085	.83510	1.1844	2.8640	.68169
#2	2.0117	4.3527	.61627	.54049	.83983	1.2011	2.9023	.69430
#3	2.0084	4.4129	.61489	.53941	.84142	1.2114	2.9321	.69938

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	.39470	.11961	.17602	.09135	1.2087	.82387	.09435	.69954
Stddev	.00055	.00075	.00143	.00116	.0126	.00427	.00049	.00960
%RSD	.13852	.62921	.81458	1.2671	1.0383	.51822	.52325	1.3727

#1	.39410	.12033	.17486	.09002	1.2081	.81895	.09410	.68953
#2	.39482	.11883	.17557	.09196	1.2215	.82618	.09403	.70040
#3	.39517	.11967	.17762	.09209	1.1964	.82649	.09492	.70868

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	.61263	.06457	.70619	.11378	.74849	1.0099	9.9134
Stddev	.00105	.00025	.00661	.00028	.00842	.0197	.0130
%RSD	.17178	.39421	.93606	.24412	1.1250	1.9469	.13135

#1	.61151	.06434	.69857	.11377	.73976	.98910	9.9035
#2	.61278	.06485	.70966	.11351	.74916	1.0123	9.9086
#3	.61360	.06453	.71035	.11406	.75656	1.0282	9.9282

Sample Name: S2 Acquired: 08/29/2019 12:26:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	1719.6	2575.5	37877.	6412.1	2971.6
Stddev	7.1	3.9	160.	58.3	3.5
%RSD	.41084	.15263	.42295	.90879	.11765
#1	1712.5	2575.0	37699.	6469.6	2972.2
#2	1719.7	2571.8	37921.	6413.6	2967.9
#3	1726.6	2579.6	38010.	6353.0	2974.8

Sample Name: S3 Acquired: 08/29/2019 12:30:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.14451	.16214	2.5572	.26606	.44280	6.2027	18.607	1.4928
Stddev	.00036	.00025	.0032	.00034	.00083	.0249	.158	.0073
%RSD	.24673	.15310	.12608	.12656	.18758	.40088	.84805	.48557

#1	.14410	.16241	2.5539	.26625	.44188	6.2314	18.781	1.5006
#2	.14465	.16207	2.5574	.26626	.44350	6.1880	18.568	1.4917
#3	.14476	.16193	2.5604	.26567	.44302	6.1887	18.472	1.4862

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8854	8.6186	1.2029	1.0673	1.6594	2.3607	5.7089	1.3840
Stddev	.0075	.0611	.0020	.0017	.0034	.0158	.0444	.0077
%RSD	.19415	.70886	.16848	.15689	.20357	.67086	.77686	.55445

#1	3.8798	8.6881	1.2009	1.0657	1.6583	2.3789	5.7593	1.3928
#2	3.8824	8.5944	1.2050	1.0673	1.6567	2.3531	5.6918	1.3789
#3	3.8940	8.5733	1.2029	1.0690	1.6632	2.3502	5.6757	1.3802

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	.78026	.24215	.36149	.18027	2.4273	1.6431	.18733	1.3962
Stddev	.00083	.00067	.00077	.00074	.0193	.0022	.00038	.0081
%RSD	.10656	.27490	.21335	.40787	.79736	.13390	.20367	.57995

#1	.77960	.24263	.36238	.18033	2.4140	1.6452	.18732	1.4044
#2	.78119	.24242	.36106	.17951	2.4183	1.6409	.18772	1.3960
#3	.77999	.24139	.36102	.18098	2.4495	1.6433	.18696	1.3882

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	1.2280	.12696	1.3918	.22471	1.4798	2.0411	19.696
Stddev	.0009	.00042	.0094	.00024	.0076	.0161	.019
%RSD	.07126	.32882	.67571	.10786	.51267	.78981	.09587

#1	1.2278	.12663	1.4012	.22453	1.4877	2.0589	19.717
#2	1.2272	.12743	1.3918	.22462	1.4725	2.0369	19.680
#3	1.2289	.12682	1.3824	.22499	1.4792	2.0275	19.691

Sample Name: S3 Acquired: 08/29/2019 12:30:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	1657.1	2518.9	37348.	6318.8	2959.7
Stddev	1.6	4.3	95.	48.6	4.8
%RSD	.09723	.17041	.25440	.76948	.16225
#1	1655.5	2515.0	37323.	6273.2	2956.3
#2	1657.1	2523.5	37268.	6313.2	2965.2
#3	1658.7	2518.2	37453.	6369.9	2957.8

Sample Name: S4 Acquired: 08/29/2019 12:33:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.29801	.33748	5.2789	.54736	.92015	12.724	37.850	2.9778
Stddev	.00069	.00051	.0027	.00178	.00149	.013	.058	.0126
%RSD	.23035	.15204	.05043	.32540	.16160	.10260	.15406	.42358

#1	.29840	.33779	5.2820	.54596	.92049	12.723	37.895	2.9850
#2	.29841	.33775	5.2779	.54674	.91852	12.711	37.784	2.9632
#3	.29721	.33688	5.2769	.54936	.92143	12.737	37.869	2.9852

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.5832	17.509	2.3790	2.1406	3.3109	4.6911	11.448	2.8247
Stddev	.0016	.026	.0028	.0010	.0081	.0113	.022	.0022
%RSD	.02151	.14603	.11775	.04613	.24435	.24135	.18948	.07771

#1	7.5818	17.538	2.3816	2.1415	3.3045	4.6906	11.458	2.8238
#2	7.5829	17.490	2.3760	2.1396	3.3082	4.6801	11.423	2.8231
#3	7.5850	17.499	2.3794	2.1408	3.3200	4.7027	11.462	2.8272

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	1.5558	.50039	.74255	.36295	5.0107	3.3337	.37742	2.8355
Stddev	.0034	.00216	.00082	.00105	.0176	.0090	.00103	.0184
%RSD	.22073	.43161	.11032	.29006	.35085	.27030	.27198	.64747

#1	1.5597	.50270	.74311	.36202	4.9904	3.3274	.37806	2.8559
#2	1.5545	.50005	.74293	.36274	5.0211	3.3298	.37623	2.8203
#3	1.5532	.49842	.74161	.36409	5.0206	3.3440	.37796	2.8303

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5167	.25752	2.7774	.45162	2.9611	4.2431	39.854
Stddev	.0018	.00092	.0129	.00056	.0059	.0043	.320
%RSD	.07126	.35783	.46413	.12478	.19860	.10254	.80175

#1	2.5170	.25745	2.7886	.45226	2.9626	4.2481	39.625
#2	2.5147	.25663	2.7633	.45122	2.9547	4.2412	39.720
#3	2.5182	.25847	2.7802	.45137	2.9661	4.2400	40.219

Sample Name: S4 Acquired: 08/29/2019 12:33:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	1572.9	2413.8	36739.	6226.3	2919.8
Stddev	.3	5.3	178.	25.6	10.8
%RSD	.01935	.22032	.48578	.41177	.36958
#1	1572.9	2407.9	36548.	6198.9	2908.2
#2	1572.6	2415.0	36766.	6249.7	2921.5
#3	1573.2	2418.4	36902.	6230.3	2929.6

Sample Name: S5 Acquired: 08/29/2019 12:37:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.62233	.70059	10.874	1.1340	1.9476	26.159	76.507	5.9116
Stddev	.00116	.00125	.021	.0033	.0024	.117	.440	.0717
%RSD	.18629	.17788	.19265	.29279	.12331	.44577	.57529	1.2127

#1	.62139	.70189	10.860	1.1306	1.9450	26.275	76.972	5.9795
#2	.62198	.69940	10.863	1.1341	1.9496	26.160	76.454	5.9187
#3	.62363	.70048	10.898	1.1372	1.9484	26.041	76.096	5.8366

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	14.804	35.140	4.6635	4.3194	6.6540	9.2990	22.758	5.7525
Stddev	.039	.337	.0031	.0072	.0049	.0546	.177	.0402
%RSD	.26293	.95839	.06560	.16578	.07284	.58736	.77646	.69870

#1	14.788	35.434	4.6600	4.3127	6.6583	9.3549	22.929	5.7936
#2	14.775	35.214	4.6656	4.3185	6.6487	9.2964	22.768	5.7507
#3	14.848	34.773	4.6650	4.3269	6.6549	9.2458	22.576	5.7133

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1033	1.0453	1.5151	.72202	10.594	6.8235	.75302	5.7657
Stddev	.0024	.0006	.0076	.00293	.090	.0157	.00103	.0655
%RSD	.07784	.05847	.50471	.40555	.85204	.22942	.13703	1.1353

#1	3.1013	1.0448	1.5211	.72521	10.532	6.8335	.75270	5.8151
#2	3.1026	1.0460	1.5177	.71947	10.552	6.8316	.75218	5.7905
#3	3.1060	1.0452	1.5065	.72136	10.698	6.8055	.75417	5.6915

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.2457	.52609	5.5346	.91276	5.9508	8.8675	79.115
Stddev	.0085	.00081	.0678	.00108	.0261	.1093	1.220
%RSD	.16227	.15467	1.2240	.11819	.43780	1.2326	1.5424

#1	5.2360	.52586	5.5914	.91152	5.9797	8.9356	80.209
#2	5.2493	.52543	5.5529	.91329	5.9437	8.9256	79.336
#3	5.2519	.52700	5.4596	.91348	5.9291	8.7414	77.799

Sample Name: S5 Acquired: 08/29/2019 12:37:45 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	1437.8	2241.1	35718.	6081.9	2827.1
Stddev	1.1	4.3	109.	75.7	7.2
%RSD	.07576	.19349	.30492	1.2440	.25524
#1	1437.7	2245.2	35799.	6027.7	2830.5
#2	1439.0	2241.5	35594.	6049.6	2832.1
#3	1436.8	2236.6	35762.	6168.3	2818.9

Sample Name: S6 Acquired: 08/29/2019 12:41:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	66.971	54.825	24.299	9.1557	4.0660
Stddev	.568	.347	.089	.0380	.0238
%RSD	.84831	.63335	.36506	.41546	.58460

#1	67.611	55.221	24.399	9.1983	4.0915
#2	66.778	54.677	24.267	9.1438	4.0619
#3	66.525	54.576	24.231	9.1251	4.0445

Int. Std.	Y_3710
Units	Cts/S
Avg	5971.1
Stddev	30.9
%RSD	.51683

#1	5940.5
#2	5970.5
#3	6002.2

Sample Name: ICV Acquired: 08/29/2019 12:46:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	1.034647	1.017403	.9854453	.9684283	1.022459	2.450567
Stddev	.005734	.005310	.0017279	.0011344	.001595	.054159
%RSD	.5542202	.5219282	.1753466	.1171408	.1560392	2.210048

#1	1.030424	1.011621	.9863802	.9683319	1.020638	2.511725
#2	1.041175	1.022061	.9834514	.9673451	1.023126	2.431302
#3	1.032343	1.018527	.9865044	.9696078	1.023613	2.408675

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5247789	.4947324	.5395362	10.88599	.5377402	.5232300
Stddev	.0103217	.0099827	.0010607	.16555	.0017823	.0009336
%RSD	1.966874	2.017796	.1965950	1.520756	.3314464	.1784297

#1	.5365920	.5062590	.5386219	11.07687	.5366154	.5232213
#2	.5202422	.4888866	.5392875	10.78165	.5368100	.5223007
#3	.5175026	.4890516	.5406991	10.79944	.5397952	.5241678

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4885297	5.526027	.5257259	6.173777	.5328100	.4868545
Stddev	.0111843	.077875	.0096657	.095802	.0015523	.0012265
%RSD	2.289369	1.409245	1.838544	1.551759	.2913389	.2519154

#1	.5008235	5.605313	.5365154	6.270884	.5310255	.4869316
#2	.4858086	5.523126	.5228042	6.171114	.5335568	.4880405
#3	.4789572	5.449643	.5178581	6.079335	.5338478	.4855912

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12301	.5246274	.9717960	9.708649	F .0007402	F .0119766
Stddev	.33556	.0086377	.0130987	.265238	.0024208	.0007105
%RSD	3.314790	1.646447	1.347891	2.731975	327.0584	5.932306

#1	10.38631	.5339804	.9619071	9.983134	.0026283	.0126721
#2	10.23755	.5229510	.9866518	9.689071	-.001989	.0120056
#3	9.74518	.5169507	.9668290	9.453743	.001581	.0112520

Sample Name: ICV Acquired: 08/29/2019 12:46:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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 .0006339	F -.000173	F .0015287	F .0007346	F .0011658	F .0089870
Stddev	.0005125	.000887	.0001991	.0011396	.0004271	.0031635
%RSD	80.85088	513.8350	13.02300	155.1260	36.63783	35.20098

#1	.0008848	-.000672	.0016759	.0019961	.0010117	.0091916
#2	.0009727	-.000696	.0016081	-.000220	.0016486	.0120432
#3	.0000443	.000851	.0013022	.000428	.0008371	.0057261

Elem	Sr4077
Units	ppm
Avg	F .0115673
Stddev	.0002320
%RSD	2.005351

#1	.0118331
#2	.0114632
#3	.0114057

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.489	2604.113	37676.79	6327.348	2961.020
Stddev	11.801	2.057	104.22	101.119	4.404
%RSD	.6745663	.0789892	.2766283	1.598124	.1487243

#1	1762.976	2603.212	37772.86	6212.074	2965.456
#2	1741.057	2606.467	37691.52	6401.079	2960.954
#3	1744.434	2602.661	37565.98	6368.891	2956.649

Sample Name: ICB Acquired: 08/29/2019 12:49:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.0027471	.0005889	.0016140	.0000510	.0018754	.0068651	.0005258
Stddev	.0016393	.0014289	.0007613	.0020305	.0003882	.0041384	.0001099
%RSD	59.67222	242.6248	47.16654	3978.984	20.70005	60.28233	20.89830

#1	.0046330	.0009999	.0007638	-.002010	.0021948	.0022147	.0004003
#2	.0016629	.0017673	.0022326	.000113	.0014433	.0082380	.0006050
#3	.0019455	-.001000	.0018456	.002050	.0019880	.0101426	.0005720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000121	.0000360	.0114624	-.000073	-.000061	.0069191	.0088081
Stddev	.0000228	.0000344	.0014017	.000463	.000107	.0006219	.0079241
%RSD	189.2963	95.29184	12.22832	629.5618	175.4661	8.988723	89.96368

#1	-.000005	.0000645	.0098491	.000341	-.000173	.0071316	.0173066
#2	.000038	-.000002	.0123810	.000012	.000039	.0062188	.0016222
#3	.000004	.000046	.0121572	-.000573	-.000048	.0074070	.0074957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001071	.0046716	-.000378	.0001006	-.346161	-.000428	-.002116
Stddev	.0001028	.0110109	.000219	.0001565	.099597	.001577	.001891
%RSD	95.96069	235.6991	57.94325	155.6194	28.77194	368.0908	89.39075

#1	.0000484	.0147777	-.000470	-.000016	-.354855	-.002231	-.000686
#2	.0002257	-.007063	-.000128	.000039	-.441126	.000249	-.004261
#3	.0000472	.006300	-.000535	.000278	-.242502	.000696	-.001401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017378	.0006756	.0052547	-.000034	-.005585	-.002495	-.001217
Stddev	.045931	.0003713	.0005776	.000667	.001169	.000831	.000542
%RSD	264.3082	54.95949	10.99128	1955.450	20.92223	33.28728	44.51461

#1	.005637	.0003120	.0046971	.000246	-.004262	-.003373	-.001267
#2	.012496	.0006606	.0058503	-.000796	-.006018	-.002390	-.000652
#3	-.070266	.0010542	.0052167	.000448	-.006476	-.001722	-.001732

Sample Name: ICB Acquired: 08/29/2019 12:49:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.0011975	.0036958	-.000016
Stddev	.0008526	.0015697	.000087
%RSD	71.19885	42.47294	534.9562

#1	.0007166	.0019759	.000084
#2	.0021818	.0040603	-.000067
#3	.0006939	.0050511	-.000067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.952	2576.412	37405.04	6244.378	2875.489
Stddev	7.287	2.638	128.04	18.056	4.818
%RSD	.4192959	.1024048	.3423005	.2891572	.1675580

#1	1739.002	2579.457	37341.03	6263.151	2872.009
#2	1730.197	2574.817	37321.63	6242.846	2873.469
#3	1744.657	2574.962	37552.46	6227.136	2880.988

Sample Name: ICSA Acquired: 08/29/2019 12:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.0034599	.0029044	-.000808	.0051271	.0012551	239.6089
Stddev	.0004519	.0008973	.002483	.0006617	.0024893	.5553
%RSD	13.06081	30.89526	307.2139	12.90676	198.3272	.2317503

#1	.0036574	.0039167	.001718	.0058567	.0040226	238.9684
#2	.0029428	.0022071	-.003246	.0049589	.0005442	239.9044
#3	.0037793	.0025892	-.000897	.0045657	-.000801	239.9540

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064032	.0011918	-.001226	257.8677	.0484777	.0005482
Stddev	.0005676	.0000412	.000068	1.2263	.0004981	.0002447
%RSD	8.863940	3.458619	5.515008	.4755366	1.027410	44.64598

#1	.0065945	.0011775	-.001164	256.5251	.0481992	.0005112
#2	.0068504	.0012383	-.001298	258.9286	.0481813	.0003240
#3	.0057647	.0011596	-.001216	258.1495	.0490528	.0008092

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035705	102.4049	.0150513	259.3787	-.000737	-.000614
Stddev	.0012519	.2380	.0004358	.9761	.000160	.000275
%RSD	35.06111	.2323917	2.895529	.3763125	21.66896	44.75361

#1	.0047772	102.1952	.0150415	258.2635	-.000556	-.000469
#2	.0036565	102.3561	.0146205	260.0772	-.000797	-.000443
#3	.0022779	102.6635	.0154919	259.7955	-.000857	-.000932

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.302561	.0030613	-.001419	.0062660	.0055177	.0180220
Stddev	.401450	.0007119	.000307	.0983515	.0030962	.0028760
%RSD	132.6839	23.25327	21.60499	1569.612	56.11414	15.95800

#1	.065445	.0025471	-.001336	-.062394	.0031932	.0193870
#2	-.242452	.0027631	-.001759	.118937	.0043275	.0147178
#3	-.730677	.0038738	-.001163	-.037745	.0090323	.0199613

Sample Name: ICSA Acquired: 08/29/2019 12:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.0002567	F .0094188	F -.001674	-.002066	F -.000329	W .0080518
Stddev	.0005542	.0029972	.000723	.003276	.000646	.0017997
%RSD	215.8678	31.82153	43.16145	158.5740	196.5096	22.35177

#1	-.000228	.0061034	-.000905	.001688	-.000962	.0064691
#2	.000861	.0102166	-.002338	-.004350	.000329	.0100095
#3	.000137	.0119364	-.001780	-.003536	-.000353	.0076768

Elem	Sr4077
Units	ppm
Avg	F .0971496
Stddev	.0001477
%RSD	.1520310

#1	.0969810
#2	.0972120
#3	.0972559

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1645.391	2482.217	36151.21	6116.829	2883.753
Stddev	15.691	2.471	355.91	27.545	5.881
%RSD	.9536186	.0995652	.9845141	.4503143	.2039247

#1	1630.778	2483.320	35779.14	6130.904	2883.800
#2	1643.421	2483.946	36186.09	6085.091	2889.611
#3	1661.974	2479.387	36488.40	6134.493	2877.850

Sample Name: ICSAB Acquired: 08/29/2019 12:58:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.1100717	.1166409	.0512648	.0582165	.6600721	243.9068
Stddev	.0021770	.0033851	.0037275	.0011961	.0018170	.8710
%RSD	1.977779	2.902173	7.271116	2.054499	.2752743	.3571202

#1	.1125642	.1140100	.0523477	.0592495	.6579754	243.6805
#2	.1085432	.1204599	.0543310	.0569061	.6611875	243.1711
#3	.1091076	.1154527	.0471157	.0584938	.6610533	244.8686

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5376102	.5061808	1.039142	260.3542	.5833260	.5236481
Stddev	.0036999	.0042385	.000451	2.0041	.0017882	.0005615
%RSD	.6882087	.8373554	.0434155	.7697522	.3065507	.1072358

#1	.5369683	.5067779	1.039051	260.2618	.5834239	.5231794
#2	.5342733	.5016753	1.038743	258.3979	.5814909	.5234944
#3	.5415890	.5100891	1.039631	262.4029	.5850632	.5242705

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4836483	104.3156	.5347065	262.1900	1.046150	.2079769
Stddev	.0023465	.7329	.0033119	1.4265	.000769	.0009492
%RSD	.4851749	.7026007	.6193906	.5440729	.0735356	.4563820

#1	.4809888	104.2145	.5334348	261.7705	1.046989	.2074911
#2	.4845292	103.6384	.5322188	261.0203	1.045479	.2073689
#3	.4854269	105.0938	.5384657	263.7792	1.045983	.2090706

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.583296	.5184726	.9805367	-.008027	.0072979	.0171380
Stddev	.323003	.0025122	.0043504	.008165	.0001680	.0016559
%RSD	55.37546	.4845371	.4436701	101.7266	2.302342	9.662041

#1	-.529514	.5157410	.9797423	.001386	.0074541	.0179877
#2	-.290559	.5189930	.9852296	-.012261	.0073194	.0181966
#3	-.929813	.5206838	.9766384	-.013205	.0071202	.0152298

Sample Name: ICSAB Acquired: 08/29/2019 12:58:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) 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	.0000126	F .0060800	F -.001776	-.003008	F -.001132	W .0044080
Stddev	.0001438	.0036477	.000900	.001904	.000792	.0015705
%RSD	1144.854	59.99458	50.66107	63.29027	69.95171	35.62937
#1	.0000925	.0021771	-.000744	-.001171	-.000463	.0062133
#2	.0000985	.0066599	-.002183	-.002881	-.000927	.0033558
#3	-.000153	.0094030	-.002399	-.004973	-.002006	.0036549

Elem	Sr4077
Units	ppm
Avg	F .0983923
Stddev	.0001546
%RSD	.1571335
#1	.0982140
#2	.0984898
#3	.0984731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.918	2480.285	36453.29	6205.533	2881.567
Stddev	12.288	3.197	189.32	73.709	3.216
%RSD	.7424982	.1288907	.5193379	1.187794	.1116164
#1	1641.367	2483.942	36385.10	6180.990	2884.291
#2	1665.335	2478.023	36667.25	6288.382	2882.390
#3	1658.053	2478.890	36307.51	6147.226	2878.019

Sample Name: CCV056 Acquired: 08/29/2019 13:02:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.061551	5.221120	25.36502	4.976658	5.151294	425.4487	10.36241
Stddev	.030999	.003294	.07128	.026145	.023523	1.2537	.06142
%RSD	.6124352	.0630823	.2810132	.5253509	.4566391	.2946690	.5927538

#1	5.033498	5.217581	25.30843	4.967607	5.130853	426.5738	10.43319
#2	5.056325	5.224095	25.34156	4.956241	5.146025	425.6750	10.32313
#3	5.094831	5.221684	25.44507	5.006126	5.177005	424.0973	10.33091

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5115982	2.431295	421.2177	15.48491	2.541006	15.22664	421.2610
Stddev	.0037447	.004945	2.6519	.02421	.004010	.08596	1.0604
%RSD	.7319656	.2034040	.6295785	.1563754	.1578079	.5645311	.2517191

#1	.5154102	2.428006	424.2626	15.51265	2.537792	15.20802	422.4377
#2	.5079245	2.428896	419.4144	15.46797	2.539726	15.32038	420.9658
#3	.5114600	2.436982	419.9760	15.47412	2.545500	15.15151	420.3794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32000	432.7100	2.534504	1.313232	412.4761	2.536666	14.99091
Stddev	.07139	1.1861	.002031	.002418	2.1450	.005792	.14786
%RSD	.4659912	.2741110	.0801187	.1841043	.5200419	.2283125	.9863614

#1	15.40225	434.0792	2.532176	1.314158	414.9449	2.542879	14.85926
#2	15.28363	431.9982	2.535428	1.315049	411.4147	2.535702	15.15089
#3	15.27412	432.0524	2.535909	1.310488	411.0686	2.531417	14.96257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1591	5.097170	5.197841	4.947573	5.064486	5.148840	5.009855
Stddev	.7395	.009020	.038485	.019823	.017313	.037111	.002678
%RSD	.4797282	.1769529	.7404020	.4006537	.3418523	.7207688	.0534571

#1	154.3857	5.087526	5.233421	4.934910	5.052753	5.180195	5.009633
#2	154.7589	5.098586	5.156994	4.937392	5.056334	5.107866	5.012637
#3	153.3328	5.105398	5.203110	4.970418	5.084370	5.158459	5.007294

Sample Name: CCV056 Acquired: 08/29/2019 13:02:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.053473	5.224813	5.049950
Stddev	.009660	.048242	.100016
%RSD	.1911489	.9233266	1.980535

#1	5.051219	5.279830	5.047985
#2	5.064060	5.189744	4.950931
#3	5.045139	5.204865	5.150934

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1502.786	2341.786	35192.85	5963.728	2849.139
Stddev	5.571	4.803	145.36	42.929	3.193
%RSD	.3707305	.2050975	.4130464	.7198277	.1120645

#1	1503.761	2341.988	35148.72	5914.354	2845.961
#2	1496.792	2346.484	35074.67	5992.219	2849.108
#3	1507.806	2336.884	35355.17	5984.613	2852.347

Sample Name: CCB056 Acquired: 08/29/2019 13:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000524	.0008211	-.000277	.0007391	.0014666	.0126237	.0004349
Stddev	.001582	.0020268	.001207	.0016854	.0015307	.0101773	.0005737
%RSD	302.0531	246.8178	435.5479	228.0383	104.3669	80.62053	131.9072

#1	.000817	.0013469	.000782	-.000940	.0015864	.0117137	.0002222
#2	-.000120	.0025332	-.001591	.002430	-.000120	.0029319	-.000002
#3	-.002269	-.001417	-.000022	.000727	.002934	.0232253	.001085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000119	-.000017	.0179099	.0005294	-.000006	.0057840	.0198598
Stddev	.0000792	.000059	.0048961	.0000757	.000202	.0031933	.0065429
%RSD	665.6265	343.2441	27.33737	14.29583	3200.098	55.20887	32.94552

#1	.0001022	-.000077	.0188981	.0004751	.000227	.0081069	.0215303
#2	-.000020	.000040	.0125951	.0004973	-.000126	.0071024	.0126436
#3	-.000046	-.000013	.0222365	.0006159	-.000120	.0021426	.0254056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004352	-.011407	-.000117	.0006541	-.078125	-.000820	-.001191
Stddev	.0002035	.030070	.000275	.0004013	.168752	.001110	.000732
%RSD	46.76258	263.6045	234.0073	61.34927	216.0016	135.3943	61.42016

#1	.0006327	-.006874	-.000385	.0010389	.116122	.000425	-.000649
#2	.0002261	-.043487	-.000132	.0006852	-.161901	-.001176	-.002024
#3	.0004468	.016139	.000165	.0002381	-.188597	-.001708	-.000901

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574699	-.000738	.0084056	.0008737	-.009755	-.002862	.0007997
Stddev	.0220504	.000756	.0005113	.0001786	.004199	.000907	.0019223
%RSD	38.36851	102.3713	6.082357	20.44484	43.04304	31.68009	240.3890

#1	.0352716	-.000360	.0089326	.0008467	-.007313	-.003383	.0027727
#2	.0577689	-.000247	.0083727	.0007101	-.007349	-.003387	.0006938
#3	.0793692	-.001609	.0079116	.0010643	-.014603	-.001815	-.001068

Sample Name: CCB056 Acquired: 08/29/2019 13:06:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB056 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000131	.0028948	.0000878
Stddev	.001187	.0008854	.0000602
%RSD	908.9888	30.58467	68.54783

#1	.000753	.0028060	.0000959
#2	-.001479	.0020572	.0001437
#3	.000334	.0038213	.0000240

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.409	2574.850	37295.73	6260.691	2881.392
Stddev	43.677	5.509	749.46	27.114	7.543
%RSD	2.521182	.2139536	2.009504	.4330794	.2617863

#1	1688.008	2569.915	36550.85	6279.693	2873.480
#2	1733.894	2580.793	37286.65	6272.739	2882.194
#3	1775.325	2573.841	38049.68	6229.642	2888.502

Sample Name: K4374-14 Acquired: 08/29/2019 14:01:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2H71D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5468116	-.001909	.0477830	.1019250	.0004314	11.80579	.0131885
Stddev	.0088823	.002932	.0021867	.0014952	.0013850	.03502	.0001346
%RSD	1.624386	153.5884	4.576309	1.466965	321.0502	.2966705	1.020625

#1	.5512051	-.004580	.0491780	.1009484	.0016578	11.77783	.0133144
#2	.5365888	-.002376	.0452629	.1036463	-.001071	11.84507	.0132045
#3	.5526411	.001229	.0489083	.1011802	.000707	11.79446	.0130466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2296533	.1222226	30.08281	.0035882	.3715132	.1464078	1.708939
Stddev	.0026082	.0001548	.24876	.0005541	.0009053	.0034849	.017724
%RSD	1.135735	.1266889	.8269077	15.44342	.2436818	2.380246	1.037118

#1	.2321448	.1223730	30.08560	.0032903	.3720185	.1462656	1.695375
#2	.2298728	.1220636	30.33016	.0032466	.3704680	.1499616	1.728993
#3	.2269422	.1222313	29.83267	.0042275	.3720531	.1429962	1.702450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3604519	42.80118	.3613460	.1357589	20.14463	.7213361	.0205126
Stddev	.0045447	.17813	.0010629	.0009526	.03202	.0017897	.0016513
%RSD	1.260832	.4161864	.2941409	.7016562	.1589679	.2481016	8.050195

#1	.3566760	42.63677	.3607011	.1359760	20.11517	.7207956	.0196276
#2	.3654960	42.99043	.3607643	.1347165	20.17871	.7198791	.0194925
#3	.3591838	42.77636	.3625728	.1365841	20.14000	.7233338	.0224178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0715646	.0316363	.0109595	.0004243	.2193592	.8875250	.0376934
Stddev	.0375755	.0019308	.0003873	.0007994	.0030795	.0118109	.0024790
%RSD	52.50568	6.103098	3.533485	188.3952	1.403861	1.330770	6.576853

#1	.0330134	.0325892	.0110531	.0005184	.2197067	.8991300	.0377009
#2	.0735985	.0294143	.0112913	.0011724	.2222502	.8879266	.0352106
#3	.1080818	.0329054	.0105340	-.000418	.2161207	.8755184	.0401687

Sample Name: K4374-14 Acquired: 08/29/2019 14:01:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H71D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0169091	-.003343	.0216733
Stddev	.0004354	.001550	.0001024
%RSD	2.574687	46.35634	.4725264

#1	.0166600	-.001996	.0215675
#2	.0166556	-.002996	.0217719
#3	.0174118	-.005036	.0216806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.330	2580.918	37798.74	6343.845	2941.897
Stddev	16.966	1.056	267.42	44.402	.300
%RSD	.9799284	.0409027	.7074859	.6999229	.0102089

#1	1750.223	2581.881	38085.99	6335.594	2941.567
#2	1717.396	2579.789	37753.24	6304.148	2942.153
#3	1726.370	2581.084	37556.99	6391.794	2941.972

Sample Name: PB122550BL Acquired: 08/29/2019 14:09:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS550 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002663	.0020871	.0015809	.0000210	.0007395	.0062883	.0004703
Stddev	.000171	.0011616	.0001081	.0027804	.0020592	.0092201	.0001029
%RSD	6.436628	55.65691	6.835873	13222.20	278.4779	146.6231	21.87133

#1	-.002674	.0032434	.0014916	.0031619	.0009472	.0034107	.0003558
#2	-.002486	.0020978	.0015500	-.002125	.0026870	.0166040	.0005548
#3	-.002828	.0009202	.0017010	-.000973	-.001416	-.001150	.0005002

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	.0000377	.0171589	-.000528	-.000188	.0005904	-.002149
Stddev	.000091	.0000606	.0081053	.000615	.000228	.0004769	.009778
%RSD	560.1056	161.0693	47.23654	116.4895	121.5293	80.77517	455.0404

#1	-.000021	.0000994	.0254587	-.000317	-.000118	.0001076	.008407
#2	-.000105	-.000022	.0167547	-.001220	-.000003	.0010612	-.003958
#3	.000077	.000035	.0092633	-.000046	-.000443	.0006025	-.010896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002909	.0251812	-.000477	-.000140	-.620020	.0006513	-.001994
Stddev	.0000661	.0309390	.000100	.000389	.080453	.0019399	.002573
%RSD	22.72524	122.8655	20.89675	277.5336	12.97585	297.8535	129.0275

#1	.0002154	.0127428	-.000482	.000199	-.661703	.0028904	-.003244
#2	.0003385	.0604036	-.000375	-.000564	-.527278	-.000523	-.003704
#3	.0003188	.0023971	-.000574	-.000055	-.671078	-.000414	.000965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.067895	-.000434	-.003192	-.000204	-.008761	-.003984	-.002001
Stddev	.049377	.001614	.000763	.000357	.001434	.000978	.001480
%RSD	72.72567	372.0976	23.89533	175.2744	16.37322	24.54944	73.99322

#1	-.124157	-.001232	-.002325	-.000472	-.007973	-.004196	-.000720
#2	-.031760	.001424	-.003491	.000202	-.007893	-.002918	-.001661
#3	-.047768	-.001493	-.003760	-.000341	-.010417	-.004839	-.003621

Sample Name: PB122550BL Acquired: 08/29/2019 14:09:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS550 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004874	-.006768	.0000102
Stddev	.0005863	.001492	.0000765
%RSD	120.2993	22.04178	750.3460

#1	-.000070	-.007329	.0000153
#2	.001099	-.007898	-.000069
#3	.000433	-.005077	.000084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.641	2563.935	37313.06	6210.177	2884.274
Stddev	10.873	3.226	295.50	34.513	5.307
%RSD	.6279159	.1258049	.7919472	.5557461	.1840112

#1	1728.414	2560.352	37397.25	6242.295	2878.208
#2	1743.763	2566.607	37557.33	6173.686	2886.554
#3	1722.747	2564.846	36984.60	6214.550	2888.062

Sample Name: PB122563BL Acquired: 08/29/2019 14:15:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW563 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005804	.0027173	-.001164	-.001765	.0016592	.0001593	.0004410
Stddev	.0016101	.0011755	.000534	.002004	.0002923	.0112208	.0008058
%RSD	277.4222	43.25743	45.86610	113.5412	17.61913	7044.099	182.7352

#1	-.000698	.0013863	-.000603	-.003039	.0015506	-.010635	.0009473
#2	.000051	.0036130	-.001666	.000545	.0019903	-.000649	-.000488
#3	.002389	.0031527	-.001224	-.002800	.0014367	.011763	.000864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	-.000033	.0044894	-.000065	-.000002	-.000638	.0041746
Stddev	.000091	.000049	.0061120	.000817	.000234	.002812	.0098741
%RSD	299.9510	148.1101	136.1442	1249.710	15620.68	440.9725	236.5301

#1	-.000110	-.000018	.0115359	.000838	-.000206	-.003736	.0119038
#2	-.000051	.000006	.0013081	-.000283	-.000053	.001753	.0075689
#3	.000069	-.000088	.0006241	-.000751	.000254	.000071	-.006949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003514	.0022987	-.000257	-.000283	-.514043	-.001664	-.000493
Stddev	.0002261	.0300176	.000140	.000170	.389578	.000354	.000351
%RSD	64.34855	1305.846	54.28016	59.95360	75.78714	21.28361	71.14583

#1	.0002509	.0323653	-.000330	-.000089	-.951450	-.001268	-.000197
#2	.0006104	-.027670	-.000096	-.000358	-.204359	-.001952	-.000880
#3	.0001930	.002200	-.000346	-.000403	-.386319	-.001772	-.000401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.080115	.0005263	-.003635	.0003300	-.004146	-.004431	-.002753
Stddev	.098836	.0004970	.000423	.0007542	.002541	.001357	.001560
%RSD	123.3682	94.45065	11.62860	228.5298	61.28653	30.63891	56.65697

#1	-.143851	.0004353	-.003397	.0011119	-.001761	-.005988	-.003591
#2	-.130234	.0000810	-.004124	.0002711	-.006818	-.003804	-.000954
#3	.033740	.0010625	-.003386	-.000393	-.003859	-.003500	-.003715

Sample Name: PB122563BL Acquired: 08/29/2019 14:15:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW563 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017233	-.005413	-.000042
Stddev	.0013270	.001198	.000195
%RSD	77.00556	22.12534	470.4513

#1	.0031752	-.005941	.000081
#2	.0005732	-.004042	.000062
#3	.0014214	-.006257	-.000267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.229	2543.931	37092.93	6255.286	2864.328
Stddev	15.796	7.733	223.22	26.159	6.327
%RSD	.9187997	.3039889	.6017898	.4181966	.2208829

#1	1702.185	2541.582	36836.09	6285.466	2862.872
#2	1733.376	2537.644	37202.51	6239.100	2858.856
#3	1722.128	2552.566	37240.18	6241.292	2871.256

Sample Name: PB122563BS Acquired: 08/29/2019 14:23:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS563 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240807	.0493312	.0197194	.0670581	.1243515	.3945387
Stddev	.0004142	.0018984	.0004718	.0009170	.0007144	.0077909
%RSD	1.719900	3.848194	2.392765	1.367525	.5745156	1.974688

#1	.0245314	.0511227	.0192210	.0680956	.1236854	.3859564
#2	.0239938	.0473415	.0201592	.0667228	.1242631	.4011657
#3	.0237169	.0495294	.0197779	.0663559	.1251060	.3964941

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4088417	.0098114	.0102977	10.56455	.0209614	.0986747
Stddev	.0009832	.0000682	.0000669	.06555	.0001549	.0002302
%RSD	.2404817	.6947461	.6494898	.6204391	.7391402	.2333213

#1	.4086507	.0098377	.0103739	10.54460	.0210828	.0986964
#2	.4079680	.0098625	.0102490	10.51130	.0210144	.0984343
#3	.4099063	.0097340	.0102701	10.63776	.0207869	.0988932

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424804	.2147443	.0327818	9.977976	.0824574	.0194816
Stddev	.0007358	.0168015	.0008502	.051795	.0003741	.0004170
%RSD	1.732118	7.823965	2.593628	.5190980	.4536837	2.140393

#1	.0418446	.1955115	.0331471	9.938124	.0827768	.0199516
#2	.0423102	.2221549	.0318099	9.959280	.0825494	.0191560
#3	.0432864	.2265665	.0333883	10.03652	.0820458	.0193372

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.455320	.1020224	.1104268	9.219013	.0187020	F .0151576
Stddev	.343974	.0037548	.0016679	.059939	.0020903	.0004288
%RSD	3.637891	3.680376	1.510405	.6501714	11.17699	2.828749

#1	9.059029	.1051587	.1113044	9.260731	.0200439	.0146693
#2	9.630374	.0978617	.1085033	9.245981	.0162936	.0153310
#3	9.676557	.1030468	.1114726	9.150327	.0197686	.0154725

Sample Name: PB122563BS Acquired: 08/29/2019 14:23:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS563 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196591	.1904981	.1949181	F .0093447	.1923020	F .0891141
Stddev	.0006703	.0040117	.0013132	.0013483	.0008011	.0009297
%RSD	3.409573	2.105889	.6737211	14.42833	.4165950	1.043232

#1	.0202690	.1866563	.1964341	.0104975	.1913896	.0901572
#2	.0189414	.1901775	.1941913	.0078621	.1926262	.0883730
#3	.0197670	.1946604	.1941291	.0096746	.1928903	.0888121

Elem	Sr4077
Units	ppm
Avg	.1890741
Stddev	.0006319
%RSD	.3341928

#1	.1896305
#2	.1892046
#3	.1883871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.767	2564.963	37394.59	6186.952	2951.427
Stddev	8.944	1.437	274.33	15.879	2.685
%RSD	.5176545	.0560330	.7335973	.2566608	.0909896

#1	1727.852	2566.443	37434.38	6179.831	2952.745
#2	1736.668	2563.573	37646.84	6205.146	2953.200
#3	1718.780	2564.874	37102.54	6175.879	2948.338

Sample Name: PB122550BS Acquired: 08/29/2019 14:19:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS550 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225869	.0501439	.0207330	.0661715	.1252726	.4067060
Stddev	.0036277	.0032038	.0015307	.0009829	.0008352	.0128371
%RSD	16.06099	6.389100	7.382778	1.485383	.6666773	3.156349

#1	.0201835	.0529462	.0199739	.0654588	.1261878	.3960911
#2	.0267597	.0508343	.0197303	.0657628	.1245518	.4030534
#3	.0208174	.0466513	.0224949	.0672928	.1250781	.4209735

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4159259	.0100608	.0103361	10.79304	.0214107	.1013978
Stddev	.0035438	.0001328	.0001479	.12672	.0003840	.0001942
%RSD	.8520203	1.320075	1.430736	1.174100	1.793584	.1915240

#1	.4147493	.0101304	.0103173	10.80599	.0211374	.1013984
#2	.4131201	.0099077	.0104925	10.66034	.0218497	.1012034
#3	.4199083	.0101444	.0101985	10.91279	.0212449	.1015918

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446850	.2142318	.0336712	10.12684	.0846892	.0202128
Stddev	.0005150	.0098556	.0005324	.05983	.0009782	.0000980
%RSD	1.152462	4.600419	1.581059	.5908341	1.155047	.4846386

#1	.0452698	.2252630	.0338035	10.16521	.0846779	.0202195
#2	.0444858	.2111386	.0330852	10.05790	.0837166	.0203072
#3	.0442994	.2062939	.0341250	10.15742	.0856729	.0201117

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.754680	.1033588	.1100959	9.474929	.0198704	F .0167686
Stddev	.186139	.0011192	.0019496	.016485	.0005753	.0010202
%RSD	1.908200	1.082841	1.770795	.1739839	2.895463	6.083971

#1	9.773770	.1020915	.1107485	9.471413	.0203177	.0157149
#2	9.930538	.1042118	.1116353	9.492888	.0200722	.0177516
#3	9.559732	.1037730	.1079037	9.460486	.0192213	.0168392

Sample Name: PB122550BS Acquired: 08/29/2019 14:19:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS550 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201832	.1945060	.1983498	.0117106	.1982885	F .0909692
Stddev	.0003386	.0030553	.0028958	.0027613	.0029840	.0037694
%RSD	1.677405	1.570802	1.459956	23.57931	1.504899	4.143634

#1	.0200788	.1953557	.1988449	.0093234	.1982714	.0904848
#2	.0205616	.1970465	.1952383	.0147347	.1953131	.0874654
#3	.0199090	.1911158	.2009661	.0110738	.2012811	.0949574

Elem	Sr4077
Units	ppm
Avg	.1929684
Stddev	.0004542
%RSD	.2353617

#1	.1925855
#2	.1928495
#3	.1934702

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.663	2562.992	37127.30	6176.656	2945.286
Stddev	12.020	1.548	221.28	73.038	5.714
%RSD	.6953482	.0604066	.5960067	1.182478	.1940197

#1	1740.932	2561.920	37325.82	6166.826	2939.076
#2	1716.908	2562.290	36888.73	6254.111	2946.461
#3	1728.148	2564.767	37167.34	6109.031	2950.323

Sample Name: K4374-13 Acquired: 08/29/2019 14:28:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2H71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5529807	-.000022	.0489381	.1046249	.0019060	11.92019	.0134575
Stddev	.0051802	.003490	.0007899	.0021574	.0014626	.03509	.0006428
%RSD	.9367800	15792.24	1.614066	2.062037	76.73528	.2943490	4.776602

#1	.5566890	-.003354	.0497520	.1032051	.0024415	11.93451	.0136042
#2	.5470620	.003608	.0488876	.1071075	.0002512	11.88021	.0140142
#3	.5551912	-.000320	.0481746	.1035622	.0030254	11.94586	.0127540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2300748	.1227379	30.57715	.0033613	.3720881	.1482706	1.726621
Stddev	.0016850	.0003306	.17149	.0005802	.0011595	.0014034	.014805
%RSD	.7323856	.2693481	.5608557	17.26052	.3116299	.9464824	.8574447

#1	.2308644	.1224693	30.63804	.0026921	.3729667	.1472639	1.709719
#2	.2281399	.1231071	30.38352	.0037238	.3725237	.1498736	1.737289
#3	.2312200	.1226373	30.70989	.0036680	.3707738	.1476742	1.732855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3654927	43.40638	.3603576	.1386195	20.41795	.7314338	.0191071
Stddev	.0019407	.08672	.0010885	.0002701	.09238	.0043116	.0006595
%RSD	.5309778	.1997909	.3020565	.1948233	.4524229	.5894727	3.451710

#1	.3652041	43.45739	.3607787	.1383670	20.47636	.7362017	.0196890
#2	.3637125	43.30625	.3591215	.1389042	20.31145	.7278087	.0183907
#3	.3675616	43.45551	.3611727	.1385873	20.46603	.7302911	.0192416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746993	.0326114	.0110012	.0003528	.2203468	.8892986	.0362933
Stddev	.0290654	.0010632	.0007139	.0002127	.0016896	.0084350	.0016175
%RSD	38.90987	3.260297	6.489053	60.29568	.7667981	.9484951	4.456638

#1	.0884479	.0338388	.0106217	.0003982	.2196242	.8949036	.0380138
#2	.0943396	.0319749	.0118247	.0001210	.2191387	.8795978	.0348037
#3	.0413103	.0320204	.0105572	.0005391	.2222776	.8933945	.0360624

Sample Name: K4374-13 Acquired: 08/29/2019 14:28:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H71 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0176177	-.004831	.0217884
Stddev	.0006041	.000696	.0001382
%RSD	3.428925	14.41473	.6344064

#1	.0181321	-.004112	.0217482
#2	.0169525	-.005503	.0219422
#3	.0177686	-.004876	.0216747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.310	2585.011	37557.10	6324.726	2958.241
Stddev	17.465	7.978	226.98	52.214	3.991
%RSD	1.007001	.3086320	.6043596	.8255611	.1349261

#1	1715.932	2584.223	37391.34	6279.133	2956.812
#2	1736.310	2593.354	37464.15	6381.688	2962.750
#3	1750.689	2577.456	37815.80	6313.358	2955.161

Sample Name: K4374-15 Acquired: 08/29/2019 14:32:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2H71S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6241512	.0996268	.0860971	.1924573	.2070987	15.41281	4.130866
Stddev	.0093406	.0037785	.0002621	.0034942	.0006039	.06002	.015474
%RSD	1.496523	3.792687	.3043709	1.815583	.2916132	.3894461	.3745846

#1	.6286870	.1039848	.0860399	.1949653	.2074331	15.48157	4.146493
#2	.6134089	.0972655	.0858684	.1884662	.2064015	15.38599	4.130552
#3	.6303578	.0976300	.0863830	.1939405	.2074615	15.37087	4.115551

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3210436	.2230975	29.76229	.4212108	1.379956	.5546872	3.804136
Stddev	.0029951	.0007849	.16185	.0011169	.001390	.0043730	.037451
%RSD	.9329191	.3518197	.5438024	.2651666	.1007039	.7883807	.9844727

#1	.3244024	.2227002	29.91073	.4207557	1.378711	.5572880	3.814039
#2	.3186505	.2225906	29.78640	.4203933	1.379702	.5571353	3.835640
#3	.3200779	.2240016	29.58974	.4224834	1.381455	.5496385	3.762729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.374781	42.40320	1.381782	.2309801	20.14625	1.738024	.9437037
Stddev	.008600	.21870	.002254	.0008853	.20267	.004432	.0082001
%RSD	.6255705	.5157661	.1630989	.3832725	1.006011	.2550283	.8689268

#1	1.381746	42.63195	1.379463	.2307131	20.20359	1.737290	.9486230
#2	1.377428	42.38151	1.381920	.2302590	19.92109	1.742778	.9482507
#3	1.365168	42.19616	1.383964	.2319682	20.31408	1.734005	.9342375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530248	.0313056	.0115470	.0004585	.2179747	.9280898	.0366035
Stddev	.0244493	.0016020	.0002770	.0004308	.0047385	.0115181	.0015713
%RSD	46.10918	5.117271	2.398987	93.95773	2.173896	1.241054	4.292669

#1	.0501564	.0294652	.0116202	.0009390	.2228546	.9410989	.0375532
#2	.0787818	.0323874	.0117801	.0003297	.2176780	.9191897	.0374674
#3	.0301363	.0320642	.0112408	.0001068	.2133915	.9239807	.0347898

Sample Name: K4374-15 Acquired: 08/29/2019 14:32:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H71S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0177175	-.006380	.0216132
Stddev	.0002575	.001373	.0000906
%RSD	1.453278	21.52380	.4193281

#1	.0174749	-.005206	.0215099
#2	.0179876	-.007890	.0216796
#3	.0176899	-.006044	.0216499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.124	2572.829	37483.05	6310.579	2944.009
Stddev	1.786	6.264	210.55	57.852	.796
%RSD	.1032400	.2434531	.5617141	.9167504	.0270466

#1	1730.975	2570.072	37538.00	6248.377	2944.929
#2	1728.072	2579.999	37660.67	6362.777	2943.552
#3	1731.326	2568.418	37250.47	6320.583	2943.548

Sample Name: K4374-13LX5 Acquired: 08/29/2019 14:36:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H71L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1113837	-.000243	.0103744	.0210938	.0013640	2.353683	.0028942
Stddev	.0013236	.001158	.0013545	.0007768	.0014001	.011943	.0003539
%RSD	1.188331	476.9123	13.05583	3.682651	102.6454	.5074038	12.22845

#1	.1108063	-.001331	.0091683	.0211460	.0014644	2.343762	.0025018
#2	.1104469	.000974	.0118397	.0218432	.0027111	2.350349	.0031892
#3	.1128979	-.000371	.0101151	.0202922	-.000084	2.366939	.0029917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463564	.0246388	6.043732	.0005075	.0735239	.0311317	.3413472
Stddev	.0003041	.0000638	.029349	.0002892	.0003387	.0021652	.0066075
%RSD	.6559939	.2588890	.4856090	56.97299	.4605974	6.955065	1.935717

#1	.0461946	.0245682	6.024549	.0001742	.0732155	.0326241	.3486470
#2	.0461675	.0246923	6.077518	.0006574	.0738863	.0321227	.3396192
#3	.0467072	.0246560	6.029128	.0006910	.0734698	.0286484	.3357753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723075	8.607212	.0727198	.0268096	3.554337	.1439805	.0041810
Stddev	.0002341	.070383	.0005935	.0002501	.310728	.0021899	.0002781
%RSD	.3237515	.8177198	.8161826	.9329458	8.742213	1.520989	6.650184

#1	.0720526	8.535657	.0732535	.0266042	3.313831	.1414582	.0040782
#2	.0723569	8.676361	.0728252	.0267364	3.444005	.1450858	.0044958
#3	.0725129	8.609618	.0720806	.0270881	3.905175	.1453975	.0039690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012897	.0054574	-.000785	.0001374	.0379689	.1872702	.0057615
Stddev	.013671	.0017881	.000515	.0006556	.0018833	.0022274	.0011100
%RSD	105.9941	32.76368	65.65628	477.1303	4.960184	1.189383	19.26508

#1	-.026285	.0052276	-.001211	.0004433	.0377575	.1856844	.0050331
#2	-.013446	.0073493	-.000212	.0005841	.0362003	.1898167	.0052125
#3	.001039	.0037954	-.000931	-.000615	.0399491	.1863095	.0070390

Sample Name: K4374-13LX5 Acquired: 08/29/2019 14:36:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H71L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0055703	-.005325	.0043016
Stddev	.0002664	.000664	.0000491
%RSD	4.783161	12.47838	1.141567

#1	.0058765	-.004977	.0043111
#2	.0053917	-.004907	.0042485
#3	.0054426	-.006091	.0043453

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.734	2565.742	37198.38	6211.937	2908.283
Stddev	7.672	3.632	81.85	12.742	5.026
%RSD	.4435572	.1415387	.2200321	.2051160	.1728316

#1	1721.780	2567.916	37198.84	6222.732	2902.616
#2	1730.332	2561.549	37116.30	6215.197	2912.202
#3	1737.089	2567.759	37279.99	6197.882	2910.029

Sample Name: CCV057 Acquired: 08/29/2019 14:46:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.165609	5.269973	25.46049	5.093305	5.245164	427.6166	10.55538
Stddev	.014553	.015483	.04391	.006461	.007065	2.3581	.11501
%RSD	.2817236	.2937897	.1724554	.1268467	.1346971	.5514423	1.089588

#1	5.181379	5.269571	25.42091	5.098130	5.250920	425.1064	10.43308
#2	5.152698	5.254695	25.45285	5.095819	5.237279	429.7852	10.66135
#3	5.162749	5.285653	25.50772	5.085965	5.247293	427.9583	10.57170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5083895	2.428292	426.2944	15.22372	2.545139	15.28850	425.7768
Stddev	.0061706	.003266	4.7399	.35038	.003211	.05396	3.6538
%RSD	1.213751	.1345119	1.111891	2.301545	.1261649	.3529761	.8581432

#1	.5013194	2.425590	420.8223	14.82009	2.542078	15.23776	421.6538
#2	.5111588	2.427364	428.9344	15.40153	2.544858	15.34519	428.6136
#3	.5126903	2.431922	429.1265	15.44956	2.548481	15.28254	427.0630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.53033	436.4848	2.540330	1.311696	415.3135	2.566972	14.87294
Stddev	.16047	4.2917	.003430	.033084	3.1487	.023314	.12172
%RSD	1.033261	.9832481	.1350063	2.522200	.7581482	.9082193	.8183750

#1	15.34544	431.5569	2.537020	1.273504	411.9460	2.546092	14.73601
#2	15.63334	439.4017	2.543868	1.331543	418.1843	2.592128	14.96885
#3	15.61222	438.4960	2.540103	1.330040	415.8102	2.562697	14.91395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.5097	5.232193	5.180409	5.023324	5.159406	5.109494	5.006294
Stddev	.6128	.014170	.057396	.006352	.005554	.057390	.006942
%RSD	.3991859	.2708159	1.107941	.1264584	.1076501	1.123199	.1386645

#1	152.8058	5.244147	5.114915	5.021961	5.155724	5.044364	5.010944
#2	153.7984	5.235890	5.204376	5.017764	5.165795	5.131469	4.998314
#3	153.9247	5.216541	5.221938	5.030247	5.156699	5.152649	5.009622

Sample Name: CCV057 Acquired: 08/29/2019 14:46:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.101189	5.307685	4.978314
Stddev	.022361	.074634	.079907
%RSD	.4383577	1.406152	1.605108

#1	5.077040	5.221508	4.929259
#2	5.121179	5.351417	5.070521
#3	5.105347	5.350130	4.935164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1516.245	2311.862	35382.67	5981.523	2840.714
Stddev	24.144	3.633	784.13	66.268	2.447
%RSD	1.592385	.1571633	2.216136	1.107883	.0861409

#1	1544.124	2307.775	36287.77	6058.043	2837.910
#2	1502.351	2314.727	34908.89	5943.392	2842.419
#3	1502.259	2313.083	34951.35	5943.133	2841.814

Sample Name: CCB057 Acquired: 08/29/2019 14:50:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015968	.0006124	-.001123	.0004705	.0018233	.0167189	.0009449
Stddev	.0017405	.0024014	.000917	.0010473	.0008555	.0101213	.0001416
%RSD	109.0008	392.1531	81.58799	222.6085	46.92217	60.53787	14.98295

#1	.0036036	-.002137	-.000570	-.000732	.0025991	.0054467	.0009538
#2	.0006858	.001677	-.002181	.000959	.0009057	.0250276	.0010819
#3	.0005008	.002297	-.000619	.001184	.0019650	.0196824	.0007991

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000597	.0001063	.0129322	-.000192	.0000182	.0066878	.0068925
Stddev	.0000386	.0000595	.0013998	.000239	.0002657	.0021196	.0158632
%RSD	64.67787	56.01382	10.82377	124.1884	1462.848	31.69335	230.1499

#1	.0000414	.0000386	.0116628	-.000430	-.000021	.0080466	.0170983
#2	.0000336	.0001507	.0144334	.000048	.000301	.0077714	-.011383
#3	.0001041	.0001295	.0127006	-.000196	-.000226	.0042455	.014962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005868	.0041875	-.000105	.0003135	-.215456	.0021164	-.001753
Stddev	.0001389	.0331076	.000376	.0001887	.130242	.0041177	.001557
%RSD	23.67836	790.6282	358.7932	60.18216	60.44949	194.5613	88.82362

#1	.0007020	-.007436	-.000525	.0002935	-.252203	.0034852	-.001249
#2	.0004325	-.021541	.000011	.0001356	-.323377	-.002511	-.003499
#3	.0006260	.041540	.000200	.0005113	-.070788	.005375	-.000510

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.055924	-.001447	.0057151	.0006397	-.003603	-.004346	.0004260
Stddev	.084214	.001778	.0006172	.0003041	.003494	.000217	.0012991
%RSD	150.5877	122.8319	10.79904	47.53107	96.96436	5.001783	304.9631

#1	.038201	.000492	.0060070	.0007312	-.000575	-.004244	.0018732
#2	-.081835	-.003001	.0061322	.0003004	-.002809	-.004595	.0000441
#3	-.124137	-.001834	.0050061	.0008876	-.007426	-.004197	-.000639

Sample Name: CCB057 Acquired: 08/29/2019 14:50:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB057 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013878	.0002457	.0000914
Stddev	.0013057	.0012602	.0000461
%RSD	94.08354	512.8501	50.40353

#1	.0025173	.0013693	.0001148
#2	.0016879	.0004846	.0000383
#3	-.000042	-.001117	.0001212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.638	2553.334	36898.89	6207.323	2874.348
Stddev	8.465	8.107	162.48	39.313	.967
%RSD	.4928275	.3174994	.4403307	.6333388	.0336382

#1	1720.696	2544.149	37053.04	6161.993	2875.189
#2	1724.149	2556.365	36914.44	6232.093	2873.292
#3	1708.069	2559.489	36729.20	6227.883	2874.565

Sample Name: CCV058 Acquired: 08/29/2019 16:15:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.132983	5.244981	25.39999	5.053664	5.216646	427.4245	10.63958
Stddev	.025477	.009326	.06322	.012226	.008999	4.4058	.05402
%RSD	.4963357	.1778038	.2489093	.2419140	.1725029	1.030773	.5077630

#1	5.122751	5.255711	25.40017	5.048633	5.210489	429.2937	10.62049
#2	5.114213	5.240402	25.33668	5.044756	5.226973	422.3923	10.59769
#3	5.161985	5.238830	25.46313	5.067602	5.212475	430.5874	10.70055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5153846	2.424335	432.4430	15.33114	2.537790	15.32604	428.9674
Stddev	.0046100	.005474	.9943	.16888	.003845	.02028	.1846
%RSD	.8944729	.2257851	.2299322	1.101576	.1515130	.1322937	.0430408

#1	.5202975	2.425813	433.2159	15.47180	2.539367	15.32412	429.1577
#2	.5111535	2.418274	431.3212	15.14384	2.533407	15.34720	428.7890
#3	.5147028	2.428918	432.7918	15.37777	2.540595	15.30679	428.9557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68966	439.2736	2.537021	1.318933	419.3039	2.574599	14.81013
Stddev	.01691	.8373	.003156	.011419	1.2933	.003683	.18370
%RSD	.1077816	.1905997	.1244056	.8657517	.3084508	.1430470	1.240391

#1	15.70894	438.7562	2.540337	1.327611	419.4803	2.570957	14.71326
#2	15.68272	438.8251	2.536671	1.305997	417.9315	2.578322	14.69514
#3	15.67733	440.2396	2.534054	1.323191	420.5001	2.574519	15.02200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0183	5.239179	5.263919	4.998710	5.117297	5.191191	4.992184
Stddev	.5117	.006118	.038423	.003873	.024335	.051603	.010606
%RSD	.3322252	.1167699	.7299225	.0774817	.4755489	.9940489	.2124549

#1	153.4442	5.233184	5.306821	4.996106	5.098836	5.247113	4.984243
#2	154.4263	5.238940	5.232677	4.996863	5.108181	5.145413	4.988082
#3	154.1843	5.245413	5.252259	5.003161	5.144874	5.181047	5.004229

Sample Name: CCV058 Acquired: 08/29/2019 16:15:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV058 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.126355	5.384585	4.983064
Stddev	.027076	.013792	.026771
%RSD	.5281674	.2561476	.5372413

#1	5.114168	5.394098	4.953999
#2	5.107515	5.368767	5.006713
#3	5.157383	5.390891	4.988480

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.429	2318.902	35247.56	5922.869	2841.441
Stddev	15.819	5.814	139.72	11.558	7.353
%RSD	1.043835	.2507419	.3963850	.1951490	.2587860

#1	1515.662	2315.250	35194.94	5909.564	2834.805
#2	1531.130	2325.608	35405.95	5930.432	2849.346
#3	1499.495	2315.850	35141.80	5928.611	2840.170

Sample Name: CCB058 Acquired: 08/29/2019 16:19:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021931	-.000067	-.000307	.0027277	.0026569	.0049581	.0007947
Stddev	.0011470	.001530	.000828	.0009142	.0012017	.0104412	.0001347
%RSD	52.29976	2267.156	270.0510	33.51690	45.23104	210.5874	16.94505

#1	.0028841	.001699	-.000173	.0019138	.0034472	.0169614	.0007275
#2	.0008691	-.000944	.000447	.0037169	.0012740	-.000065	.0009498
#3	.0028260	-.000957	-.001194	.0025524	.0032496	-.002023	.0007069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000204	.0000184	.0144756	.0001545	.0000748	.0042822	.0151918
Stddev	.0000782	.0001166	.0095165	.0004482	.0002319	.0006417	.0014430
%RSD	383.5045	632.9341	65.74151	290.1191	310.1971	14.98631	9.498644

#1	-.000057	.0001283	.0251523	-.000349	-.000192	.0037105	.0135766
#2	.000099	.0000309	.0068857	.000510	.000193	.0041599	.0163538
#3	.000019	-.000104	.0113888	.000303	.000224	.0049763	.0156450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008493	.0106520	.0000052	.0005659	-.278008	.0006162	-.002577
Stddev	.0006256	.0117591	.0000413	.0002341	.045151	.0013167	.001053
%RSD	73.65627	110.3931	794.4680	41.36592	16.24081	213.6970	40.86173

#1	.0014959	.0178182	-.000030	.0003645	-.312065	.0000737	-.003120
#2	.0008047	.0170569	-.000005	.0008227	-.295165	.0021175	-.001363
#3	.0002472	-.002919	.000051	.0005106	-.226794	-.000343	-.003247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016205	-.002002	.0138301	.0008915	-.007758	-.000464	.0004273
Stddev	.134955	.000742	.0010562	.0003525	.005618	.000505	.0014500
%RSD	832.8155	37.08065	7.637364	39.53477	72.41135	108.6765	339.3186

#1	.049284	-.002857	.0149164	.0012985	-.006879	.000091	.0006477
#2	-.171408	-.001518	.0128068	.0006825	-.013763	-.000895	.0017545
#3	.073510	-.001631	.0137670	.0006936	-.002631	-.000589	-.001120

Sample Name: CCB058 Acquired: 08/29/2019 16:19:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB058 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014727	.0050027	.0001276
Stddev	.0006172	.0008689	.0001555
%RSD	41.90877	17.36970	121.8560

#1	.0008633	.0055522	.0001754
#2	.0020974	.0054549	.0002535
#3	.0014574	.0040009	-.000046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1723.624	2548.475	36908.15	6151.606	2872.382
Stddev	17.482	8.646	167.96	75.715	7.129
%RSD	1.014265	.3392778	.4550884	1.230810	.2481904

#1	1741.257	2551.251	37101.03	6075.322	2869.283
#2	1706.296	2555.393	36794.05	6152.759	2880.536
#3	1723.320	2538.782	36829.38	6226.738	2867.327

Sample Name: K4374-02 Acquired: 08/29/2019 16:29:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H67D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232863	.0472618	.0878904	.0384235	.1850542	2.377769	.0003893
Stddev	.0017140	.0006247	.0015545	.0025377	.0017932	.014218	.0005707
%RSD	7.360474	1.321678	1.768682	6.604504	.9689982	.5979389	146.6028

#1	.0251959	.0466589	.0868107	.0354992	.1830240	2.371206	.0004390
#2	.0218813	.0472203	.0871886	.0400474	.1857167	2.368018	.0009335
#3	.0227818	.0479061	.0896721	.0397239	.1864219	2.394082	-.000205

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0493589	.0109579	12.97148	.1289788	.1437156	.1012806	.2482112
Stddev	.0001289	.0001618	.08569	.0005496	.0006631	.0024184	.0040028
%RSD	.2611282	1.476436	.6605794	.4260912	.4613924	2.387772	1.612659

#1	.0494609	.0109061	12.99729	.1283832	.1429533	.0987821	.2493330
#2	.0494016	.0111393	12.87585	.1294662	.1441589	.1014498	.2437672
#3	.0492140	.0108284	13.04129	.1290870	.1440347	.1036100	.2515334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003067	10.33700	.1886704	.0436058	-.521284	.0893724	-.001158
Stddev	.0003416	.02749	.0003384	.0004586	.598610	.0043287	.000867
%RSD	111.3620	.2658989	.1793462	1.051580	114.8338	4.843443	74.86607

#1	.0004599	10.36309	.1882929	.0431522	.141207	.0844373	-.001138
#2	.0005449	10.30830	.1889464	.0435960	-.681757	.0911539	-.000302
#3	-.000085	10.33961	.1887719	.0440691	-1.02330	.0925262	-.002035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.166962	.0001098	.0031816	.0000528	-.006842	-.000083	-.001974
Stddev	.066433	.0025281	.0008456	.0002056	.001652	.000410	.000492
%RSD	39.78913	2302.105	26.57745	389.4634	24.14466	491.3000	24.89986

#1	-.174983	-.001546	.0029247	.0002622	-.005353	.000239	-.002429
#2	-.229021	-.001144	.0024942	.0000449	-.006553	-.000545	-.001452
#3	-.096883	.003020	.0041258	-.000149	-.008618	.000055	-.002041

Sample Name: K4374-02 Acquired: 08/29/2019 16:29:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H67D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009598	.0001546	.0016776
Stddev	.0008108	.0010335	.0000723
%RSD	84.47098	668.5190	4.311082

#1	.0008105	-.001023	.0016679
#2	.0018349	.000574	.0017543
#3	.0002341	.000913	.0016107

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.854	2562.790	37109.13	6239.155	2896.901
Stddev	2.646	5.149	230.37	11.865	.748
%RSD	.1536648	.2008965	.6208004	.1901694	.0258234

#1	1720.054	2559.527	37202.85	6226.217	2897.384
#2	1724.892	2568.725	37277.86	6249.528	2897.279
#3	1720.615	2560.119	36846.66	6241.720	2896.039

Sample Name: K4374-01 Acquired: 08/29/2019 16:34:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2H67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223368	.0422944	.0870409	.0383540	.1841020	2.382450	.0006670
Stddev	.0036689	.0018846	.0002545	.0019303	.0024698	.004789	.0002198
%RSD	16.42518	4.455807	.2923844	5.032715	1.341517	.2010285	32.95022

#1	.0228712	.0408401	.0868368	.0404847	.1848832	2.379318	.0006043
#2	.0184300	.0416197	.0869598	.0378552	.1813361	2.380068	.0009114
#3	.0257091	.0444235	.0873261	.0367221	.1860867	2.387963	.0004855

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498435	.0110329	13.13295	.1284759	.1435458	.1003978	.2506247
Stddev	.0004199	.0001210	.03600	.0006581	.0004916	.0017627	.0102663
%RSD	.8424020	1.096362	.2740851	.5122452	.3424986	1.755729	4.096299

#1	.0494419	.0110227	13.09207	.1277165	.1437303	.1020780	.2417354
#2	.0502795	.0109174	13.14692	.1288309	.1429886	.0985628	.2482773
#3	.0498093	.0111587	13.15987	.1288803	.1439185	.1005525	.2618615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008730	10.40715	.1892290	.0434953	-.561291	.0911370	-.001484
Stddev	.0002324	.04641	.0002824	.0005477	.052554	.0013571	.001257
%RSD	26.61500	.4459676	.1492457	1.259116	9.363052	1.489118	84.72854

#1	.0011412	10.40228	.1890265	.0440331	-.505647	.0926679	-.001847
#2	.0007350	10.45581	.1891090	.0435146	-.568144	.0900817	-.000085
#3	.0007428	10.36337	.1895516	.0429383	-.610082	.0906614	-.002519

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.161198	.0010435	.0010221	.0001447	-.001815	.0006373	-.001195
Stddev	.038791	.0006423	.0010121	.0003712	.002339	.0008859	.001064
%RSD	24.06418	61.54702	99.02541	256.4888	128.9004	139.0188	89.03937

#1	-.117571	.0016056	.0007891	-.000116	-.000783	-.000386	-.000698
#2	-.191800	.0003435	.0021303	.000570	-.000168	.001146	-.000471
#3	-.174224	.0011815	.0001467	-.000019	-.004492	.001152	-.002417

Sample Name: K4374-01 Acquired: 08/29/2019 16:34:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H67 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018413	-.001724	.0016247
Stddev	.0007948	.002137	.0001198
%RSD	43.16705	123.9071	7.375633

#1	.0010027	-.004139	.0015631
#2	.0019376	-.000955	.0017628
#3	.0025836	-.000079	.0015482

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.973	2568.260	37128.79	6183.197	2908.359
Stddev	19.113	4.034	313.26	27.713	3.853
%RSD	1.108045	.1570545	.8437173	.4481973	.1324788

#1	1703.031	2566.668	36787.36	6189.414	2904.758
#2	1738.000	2572.846	37196.07	6152.903	2912.422
#3	1733.889	2565.265	37402.95	6207.273	2907.898

Sample Name: K4374-03 Acquired: 08/29/2019 16:39:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H67S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0676481	.0961000	.1079697	.0890634	.2942740	4.350799	2.232226
Stddev	.0028373	.0030798	.0013267	.0016813	.0027529	.018571	.011794
%RSD	4.194269	3.204737	1.228755	1.887704	.9354891	.4268483	.5283444

#1	.0701255	.0943887	.1085123	.0901275	.2970055	4.370480	2.245704
#2	.0682661	.0996554	.1064578	.0871251	.2915002	4.348334	2.223797
#3	.0645527	.0942560	.1089391	.0899375	.2943164	4.333583	2.227177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1015430	.0671825	13.02260	.3514785	.6892315	.3214635	1.393505
Stddev	.0006077	.0001044	.04088	.0001777	.0007262	.0034913	.008572
%RSD	.5984310	.1554543	.3138824	.0505575	.1053669	1.086076	.6151626

#1	.1014210	.0672050	13.06569	.3516373	.6884060	.3181162	1.402555
#2	.1010056	.0670687	12.98437	.3512865	.6895167	.3211912	1.392453
#3	.1022024	.0672739	13.01774	.3515117	.6897719	.3250829	1.385508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5622931	10.28849	.7403780	.0941948	-.204534	.6478789	.4952034
Stddev	.0025171	.03276	.0004053	.0005648	.258575	.0010655	.0057905
%RSD	.4476469	.3184539	.0547349	.5996088	126.4213	.1644626	1.169326

#1	.5651822	10.31381	.7399907	.0948453	-.252153	.6486911	.4907505
#2	.5605734	10.25149	.7403441	.0938289	-.435990	.6482732	.5017495
#3	.5611239	10.30018	.7407991	.0939102	.074540	.6466724	.4931103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.200860	.0001714	.0014578	-.000120	-.004055	.0004010	-.000960
Stddev	.062875	.0008854	.0004798	.000466	.002998	.0006729	.001438
%RSD	31.30270	516.6269	32.91555	386.7759	73.93929	167.8327	149.7504

#1	-.267058	-.000634	.0013424	-.000337	-.002592	.0006196	-.000156
#2	-.141943	.001119	.0010462	.000414	-.002069	-.000354	-.000104
#3	-.193579	.000029	.0019848	-.000438	-.007504	.000937	-.002620

Sample Name: K4374-03 Acquired: 08/29/2019 16:39:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H67S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011232	-.000318	.0017395
Stddev	.0007551	.000239	.0000811
%RSD	67.22578	75.10247	4.663553

#1	.0017790	-.000584	.0016885
#2	.0002977	-.000247	.0018330
#3	.0012929	-.000123	.0016970

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.518	2568.368	37035.75	6198.353	2914.151
Stddev	12.069	6.866	23.49	39.151	6.633
%RSD	.7018712	.2673480	.0634239	.6316417	.2276132

#1	1730.383	2574.337	37053.73	6200.619	2921.516
#2	1706.528	2560.864	37044.34	6236.323	2908.648
#3	1721.643	2569.904	37009.17	6158.119	2912.288

Sample Name: K4374-01LX5 Acquired: 08/29/2019 16:45:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2H67L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056572	.0092639	.0171700	.0082043	.0377581	.4737780	.0010542
Stddev	.0041491	.0014016	.0012800	.0010816	.0016201	.0033761	.0006195
%RSD	73.34108	15.12932	7.454989	13.18290	4.290725	.7125911	58.76822

#1	.0021976	.0098887	.0158259	.0073175	.0368769	.4699943	.0003702
#2	.0102572	.0102444	.0183745	.0078861	.0367697	.4748571	.0015776
#3	.0045168	.0076586	.0173096	.0094092	.0396278	.4764827	.0012148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098375	.0021927	2.591565	.0246729	.0283713	.0211552	.0443264
Stddev	.0001147	.0000795	.031192	.0001858	.0001804	.0020611	.0059264
%RSD	1.165923	3.628099	1.203587	.7531285	.6359964	9.742980	13.37000

#1	.0097230	.0021347	2.555559	.0244641	.0285582	.0220206	.0428152
#2	.0098371	.0022834	2.608785	.0247345	.0283577	.0226426	.0508621
#3	.0099524	.0021600	2.610351	.0248201	.0281981	.0188024	.0393018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004925	2.044940	.0373337	.0088773	-.446613	.0190355	-.001845
Stddev	.0001598	.033314	.0002135	.0002311	.066675	.0018722	.001446
%RSD	32.45487	1.629088	.5719969	2.603229	14.92908	9.835095	78.35134

#1	.0004626	2.024164	.0375714	.0089633	-.371138	.0205587	-.000382
#2	.0003497	2.027291	.0372717	.0086155	-.497511	.0196024	-.001880
#3	.0006652	2.083365	.0371580	.0090530	-.471190	.0169454	-.003273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082678	-.001004	-.000506	.0000883	-.008622	-.001525	-.001393
Stddev	.026279	.000532	.000268	.0004367	.003134	.001498	.001211
%RSD	31.78522	53.01215	52.93289	494.3034	36.34532	98.21640	86.93546

#1	-.073846	-.000953	-.000752	-.000397	-.012202	-.003079	-.000591
#2	-.112236	-.001561	-.000220	.000449	-.007283	-.001406	-.002786
#3	-.061952	-.000500	-.000546	.000213	-.006380	-.000090	-.000802

Sample Name: K4374-01LX5 Acquired: 08/29/2019 16:45:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2H67L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000460	-.001860	.0003283
Stddev	.0004852	.000361	.0000480
%RSD	1055.379	19.43691	14.60277

#1	-.000428	-.002260	.0003742
#2	.000541	-.001762	.0003323
#3	.000025	-.001557	.0002786

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.102	2556.503	37075.07	6224.218	2872.206
Stddev	8.437	10.357	172.29	39.252	8.863
%RSD	.4882089	.4051158	.4646994	.6306339	.3085860

#1	1718.365	2557.015	37108.47	6265.112	2869.312
#2	1732.721	2566.594	36888.52	6220.696	2882.154
#3	1733.221	2545.899	37228.21	6186.846	2865.151

Sample Name: CCV059 Acquired: 08/29/2019 16:49:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136179	5.252613	25.35038	5.030536	5.229148	427.4260	10.54336
Stddev	.032368	.009151	.02667	.019614	.028958	.5041	.00872
%RSD	.6301999	.1742123	.1052233	.3899062	.5537716	.1179442	.0826998

#1	5.120705	5.253534	25.31961	5.031719	5.224835	427.9492	10.55334
#2	5.173380	5.261269	25.36473	5.049532	5.260020	427.3856	10.53950
#3	5.114451	5.243037	25.36682	5.010357	5.202589	426.9434	10.53724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5145793	2.413796	427.5093	15.44750	2.529528	15.29295	424.9979
Stddev	.0025591	.003354	1.2662	.00548	.006151	.00417	.7354
%RSD	.4973176	.1389369	.2961903	.0354817	.2431730	.0272863	.1730268

#1	.5151659	2.416425	427.3951	15.45114	2.531461	15.29505	425.5327
#2	.5117778	2.410019	428.8288	15.44119	2.522642	15.29565	425.3016
#3	.5167942	2.414944	426.3041	15.45016	2.534480	15.28814	424.1593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51682	436.8078	2.544836	1.321518	415.6529	2.567344	14.90752
Stddev	.04281	.4521	.005141	.008388	.5275	.008925	.18083
%RSD	.2759167	.1034896	.2019992	.6347318	.1269198	.3476430	1.212998

#1	15.53376	437.3151	2.545791	1.322634	415.7102	2.577335	14.89383
#2	15.54858	436.6607	2.539285	1.329293	416.1495	2.564535	15.09480
#3	15.46813	436.4477	2.549432	1.312628	415.0991	2.560161	14.73392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1036	5.285354	5.215547	5.014127	5.103990	5.174204	5.000831
Stddev	.2496	.026136	.013375	.018977	.028006	.030368	.006393
%RSD	.1619927	.4945054	.2564371	.3784614	.5487113	.5869089	.1278467

#1	154.1508	5.274088	5.220528	5.008736	5.077321	5.177048	4.994132
#2	153.8338	5.315234	5.200397	5.035216	5.133165	5.142515	5.006868
#3	154.3263	5.266741	5.225716	4.998429	5.101484	5.203051	5.001493

Sample Name: CCV059 Acquired: 08/29/2019 16:49:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV059 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.083605	5.328234	5.010501
Stddev	.011758	.014222	.046244
%RSD	.2313000	.2669135	.9229376

#1	5.089449	5.323035	5.049838
#2	5.091297	5.344323	4.959560
#3	5.070070	5.317343	5.022104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.946	2319.863	34893.58	5916.568	2844.884
Stddev	17.666	4.161	266.57	16.371	5.095
%RSD	1.183312	.1793692	.7639639	.2767002	.1790866

#1	1497.461	2320.771	34872.57	5910.392	2846.431
#2	1473.461	2315.323	34638.14	5904.182	2849.026
#3	1507.917	2323.495	35170.04	5935.128	2839.195

Sample Name: CCB059 Acquired: 08/29/2019 16:53:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB059 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026286	-.000100	.0015445	-.001132	.0014613	.0129291	.0006693
Stddev	.0029380	.000772	.0011239	.002935	.0019283	.0071642	.0003138
%RSD	111.7691	774.3657	72.76833	259.3063	131.9654	55.41135	46.88495

#1	.0041946	.000519	.0008085	-.001138	.0026316	.0201622	.0010089
#2	-.000761	-.000965	.0028381	-.004063	.0025166	.0127895	.0006086
#3	.004452	.000148	.0009868	.001806	-.000764	.0058358	.0003902

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000126	-.000045	.0186765	.0000490	-.000194	.0038202	.0072265
Stddev	.0000109	.000044	.0093596	.0000660	.000097	.0042959	.0083435
%RSD	86.41140	98.88089	50.11420	134.8183	50.10463	112.4510	115.4561

#1	.0000189	-.000009	.0259635	.0000718	-.000288	.0070201	.0139700
#2	.0000000	-.000031	.0081210	.0001006	-.000094	-.001062	-.002104
#3	.0000190	-.000095	.0219450	-.000025	-.000198	.005503	.009814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007650	.0096399	-.000656	.0001873	-.234721	.0010212	-.001789
Stddev	.0000217	.0134787	.000582	.0005361	.285348	.0020274	.001093
%RSD	2.841161	139.8212	88.70909	286.2744	121.5690	198.5294	61.10073

#1	.0007733	.0067013	-.000578	.0007683	.093741	.0017472	-.002947
#2	.0007403	.0243455	-.000117	.0000817	-.421488	.0025856	-.000775
#3	.0007814	-.002127	-.001272	-.000288	-.376417	-.001269	-.001645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214058	-.001454	.0088720	.0011106	-.009377	-.002592	.0007168
Stddev	.0415990	.000488	.0001375	.0003479	.002556	.000769	.0013808
%RSD	194.3355	33.56766	1.550096	31.32857	27.25447	29.67141	192.6478

#1	.0524768	-.001948	.0087132	.0014414	-.011905	-.003276	.0016697
#2	.0375943	-.001444	.0089478	.0011426	-.009434	-.001759	-.000867
#3	-.025854	-.000971	.0089548	.0007478	-.006794	-.002740	.001347

Sample Name: CCB059 Acquired: 08/29/2019 16:53:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v959) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB059 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015020	.0026704	.0000899
Stddev	.0010843	.0017862	.0001122
%RSD	72.19065	66.89118	124.7773

#1	.0002500	.0046718	.0001997
#2	.0021335	.0012381	-.000025
#3	.0021224	.0021012	.000095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.057	2564.714	37076.88	6208.768	2884.898
Stddev	16.364	2.239	195.87	10.444	5.944
%RSD	.9420317	.0873078	.5282776	.1682180	.2060325

#1	1718.531	2562.510	36851.96	6203.488	2879.577
#2	1749.539	2564.643	37168.73	6220.798	2891.313
#3	1743.100	2566.987	37209.93	6202.018	2883.805