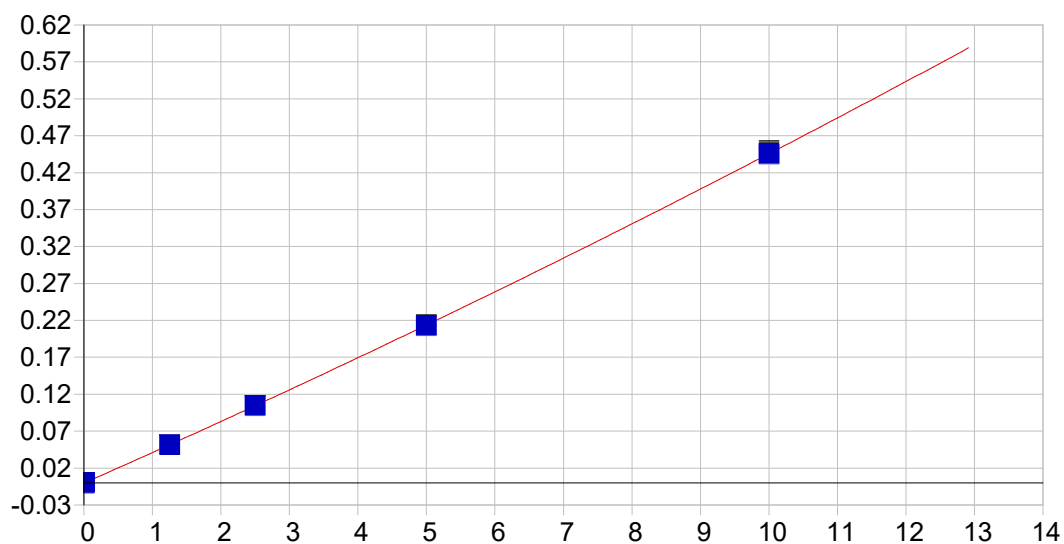


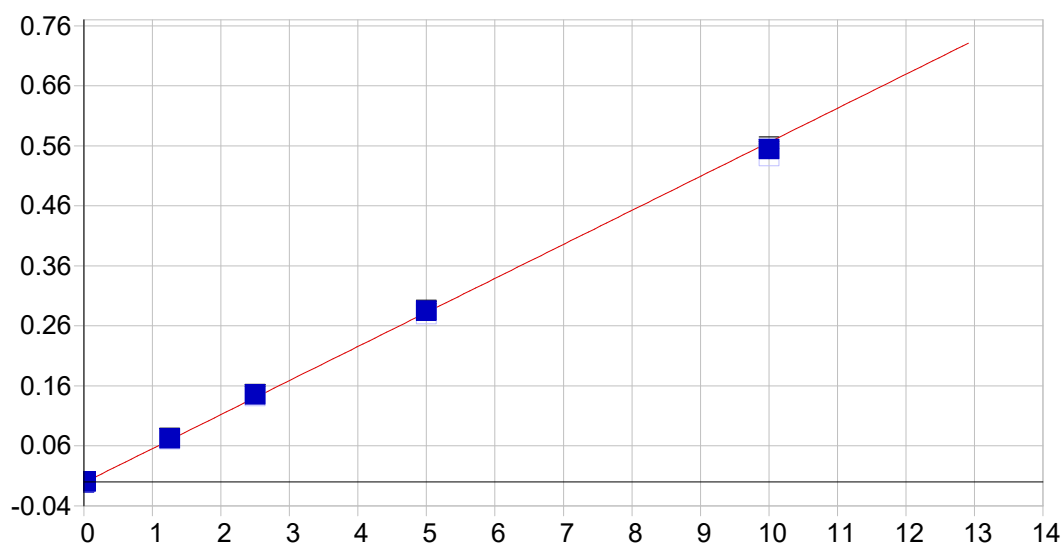


As 189.042 {479}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000355	Re-Slope:	1.000000
A1 (Gain):	0.041004	Y-int:	0.000000
A2 (Curvature):	0.000359		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	Warning Positive Curvature
Std Error of Est:	0.000004		
Predicted MDL:	0.005905		
Predicted MQL:	0.019683		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.01000	.01191	.002	19.1	.00013	.000	1
S2	1.2500	1.2516	.002	.125	.05129	.000	1
S3	2.5000	2.5037	.004	.148	.10408	.000	1
S4	5.0000	4.9886	-.011	-.229	.21217	.001	1
S5	10.000	10.004	.004	.043	.44388	.004	1

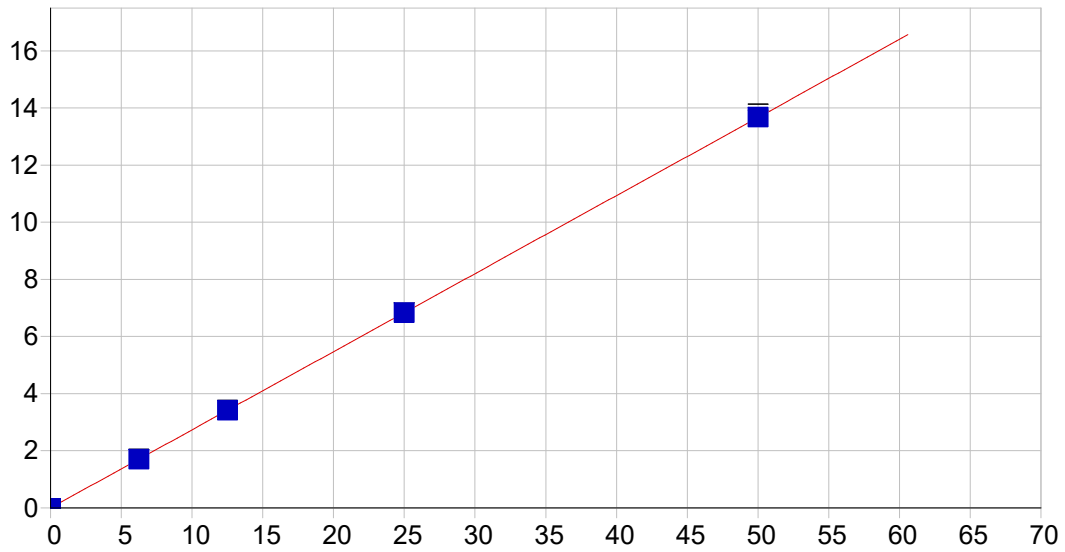


TI 190.856 {477}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001257 Re-Slope: 1.000000
 A1 (Gain): 0.056718 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.004407
 Predicted MQL: 0.014689

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00126	.000	1
S1	.02500	.03095	.006	23.8	.00037	.000	1
S2	1.2500	1.3024	.052	4.19	.07115	.000	1
S3	2.5000	2.5895	.089	3.58	.14269	.000	1
S4	5.0000	5.0558	.056	1.12	.27966	.001	1
S5	10.000	9.7968	-.203	-2.03	.54272	.004	1

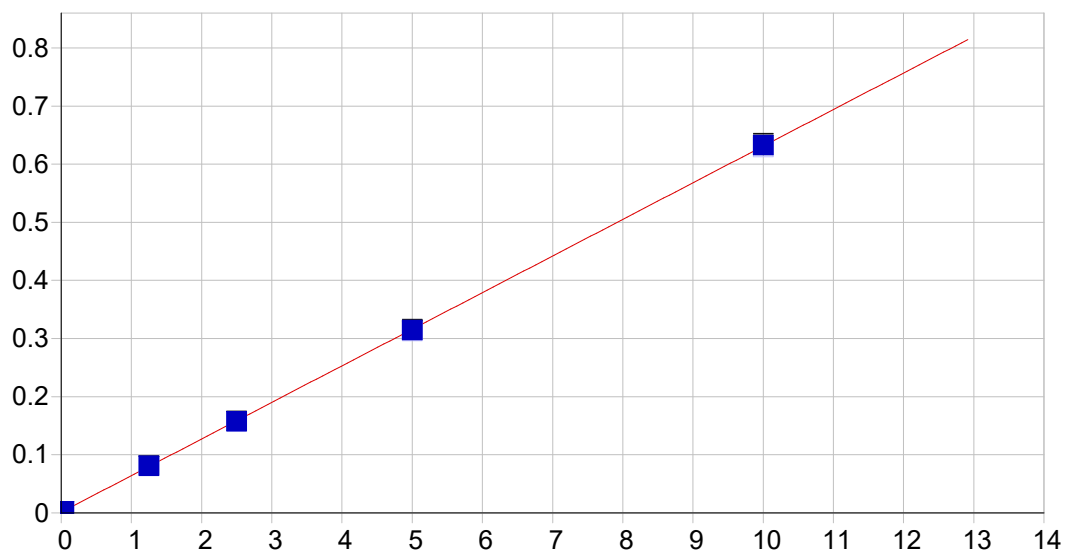


Pb 220.353 {453}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000969	Re-Slope:	1.000000
A1 (Gain):	0.273363	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	0.002062		
Predicted MQL:	0.006872		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00097	.000	1
S1	.01000	.01005	.000	.517	.00372	.000	1
S2	6.2500	6.2201	-.030	-.478	1.7016	.004	1
S3	12.500	12.496	-.004	-.033	3.4175	.004	1
S4	25.000	24.986	-.014	-.056	6.8325	.003	1
S5	50.000	50.048	.048	.096	13.685	.104	1

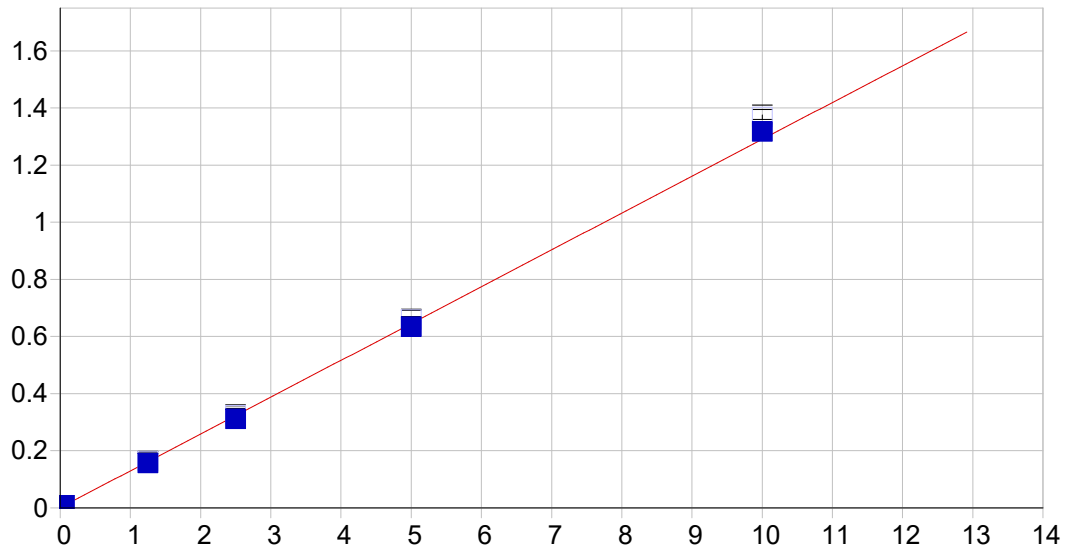


Se 196.090 {472}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001168	Re-Slope:	1.000000
A1 (Gain):	0.062976	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.004704		
Predicted MQL:	0.015679		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00117	.000	1
S1	.03500	.03552	.001	1.47	.00340	.000	1
S2	1.2500	1.2636	.014	1.08	.08036	.000	1
S3	2.5000	2.4842	-.016	-.633	.15686	.000	1
S4	5.0000	4.9755	-.025	-.490	.31300	.001	1
S5	10.000	10.026	.026	.263	.62956	.003	1

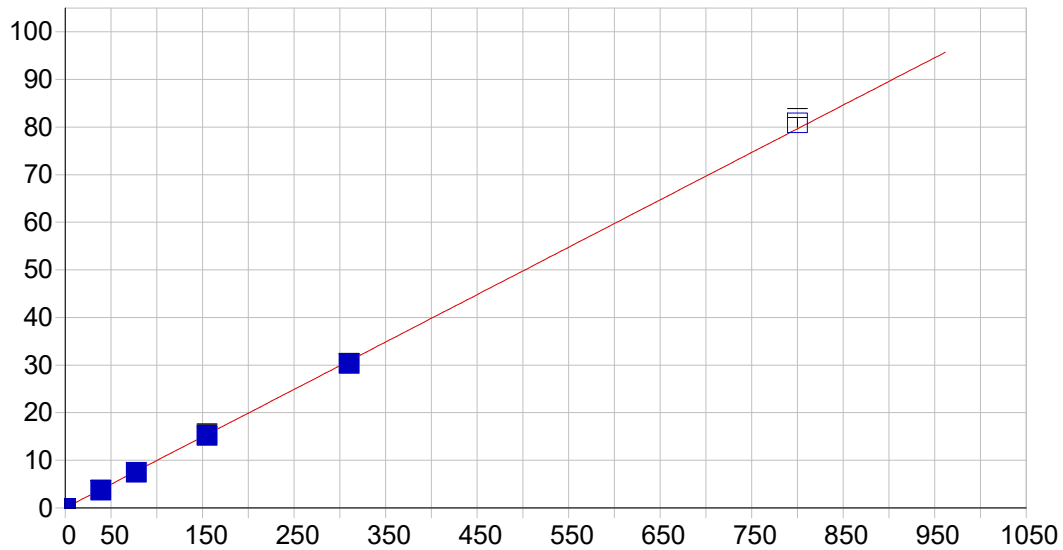


Sb 206.833 {463}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000823	Re-Slope:	1.000000
A1 (Gain):	0.128937	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999730	Status:	OK.
Std Error of Est:	0.000128		
Predicted MDL:	0.002570		
Predicted MQL:	0.008566		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00082	.000	1
S1	.06000	.06477	.005	7.95	.00918	.000	1
S2	1.2500	1.2100	-.040	-3.20	.16306	.000	1
S3	2.5000	2.4125	-.087	-3.50	.32433	.001	1
S4	5.0000	4.9090	-.091	-1.82	.65867	.002	1
S5	10.000	10.214	.214	2.14	1.3676	.008	1

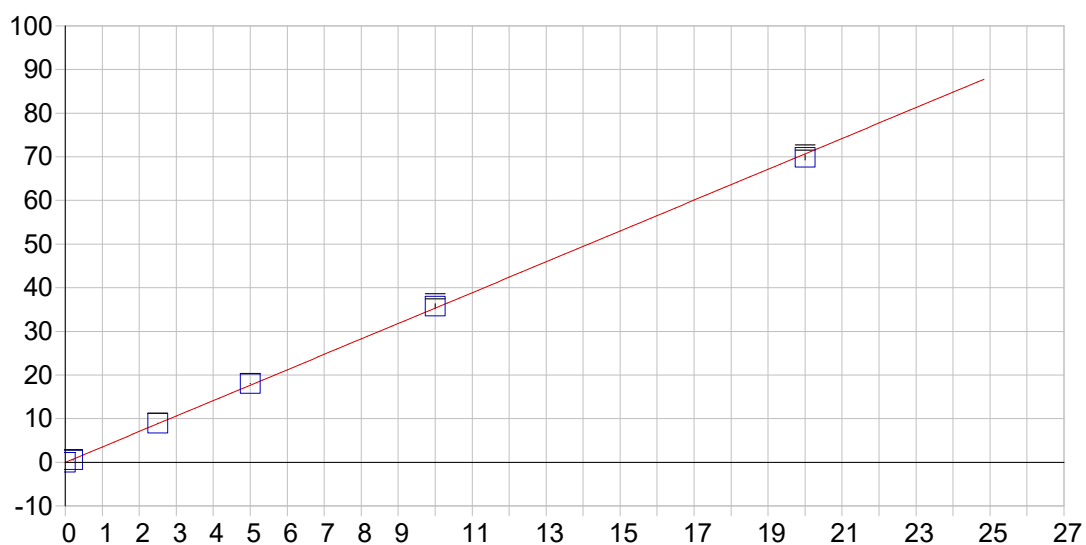


AI 396.152 { 85}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002248 Re-Slope: 1.000000
 A1 (Gain): 0.099552 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.001192
 Predicted MDL: 0.008620
 Predicted MQL: 0.028733

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00225	.001	1
S1	.20000	.22979	.030	14.9	.02516	.000	1
S2	38.750	37.043	-1.71	-4.40	3.6941	.012	1
S3	77.500	74.684	-2.82	-3.63	7.4454	.037	1
S4	155.00	152.85	-2.15	-1.39	15.235	.299	1
S5	310.00	304.23	-5.77	-1.86	30.321	.040	1
S6	800.00	812.43	12.4	1.55	80.881	.939	1

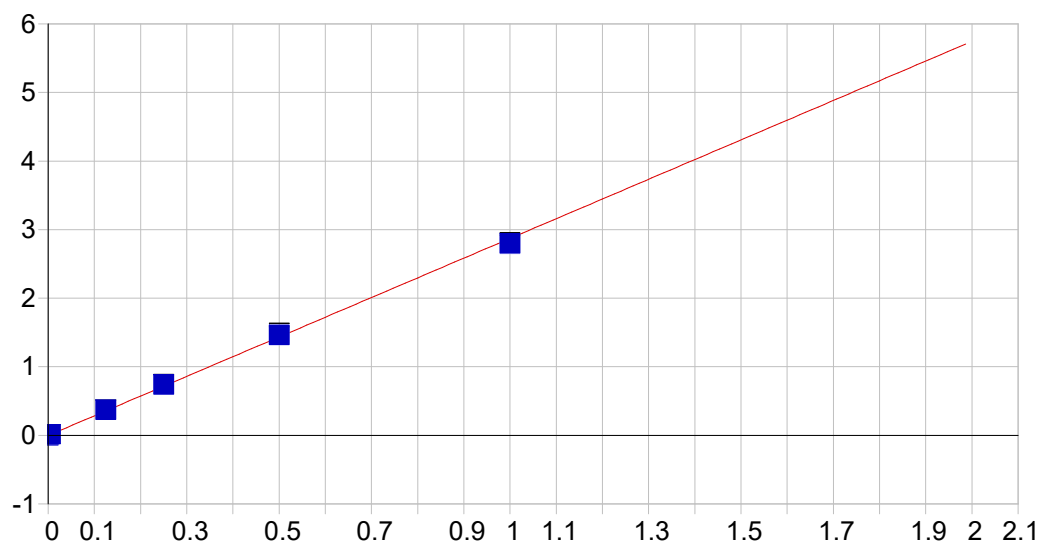


Ba 493.409 { 68}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016360 Re-Slope: 1.000000
 A1 (Gain): 3.534682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.006832
 Predicted MDL: 0.000694
 Predicted MQL: 0.002314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.01627	.002	1
S1	.20000	.16624	-.034	-16.9	.57125	.002	1
S2	2.5000	2.5383	.038	1.53	8.9559	.018	1
S3	5.0000	5.1071	.107	2.14	18.036	.041	1
S4	10.000	10.115	.115	1.15	35.736	.581	1
S5	20.000	19.774	-.226	-1.13	69.877	.603	1

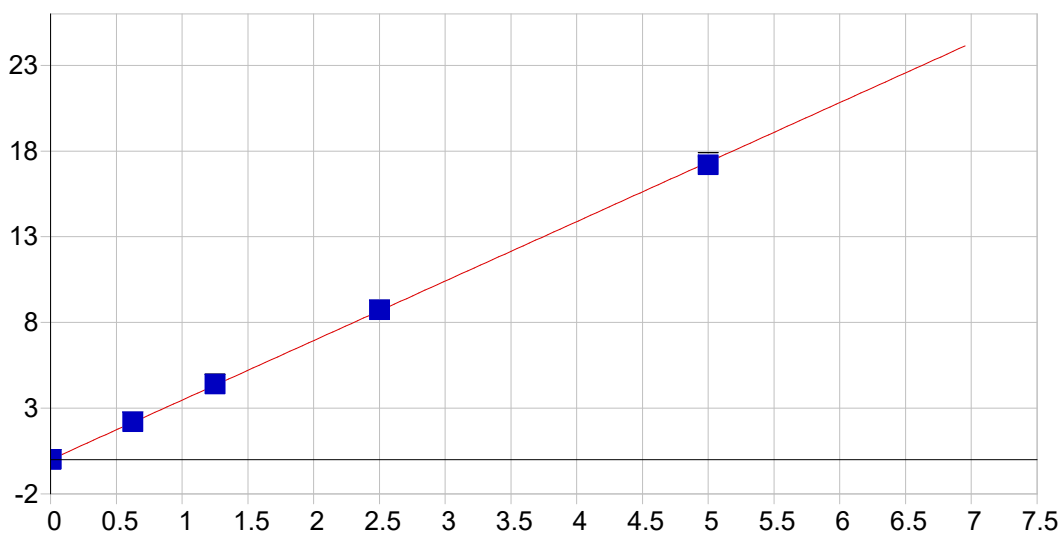


Be 234.861 {144}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002294 Re-Slope: 1.000000
 A1 (Gain): 2.874032 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999548 Status: OK.
 Std Error of Est: 0.000323
 Predicted MDL: 0.000104
 Predicted MQL: 0.000348

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00230	.000	1
S1	.00500	.00603	.001	20.5	.01502	.000	1
S2	.12500	.13079	.006	4.63	.37246	.005	1
S3	.25000	.25848	.008	3.39	.73831	.005	1
S4	.50000	.51088	.011	2.18	1.4615	.026	1
S5	1.0000	.97382	-.026	-2.62	2.7874	.016	1

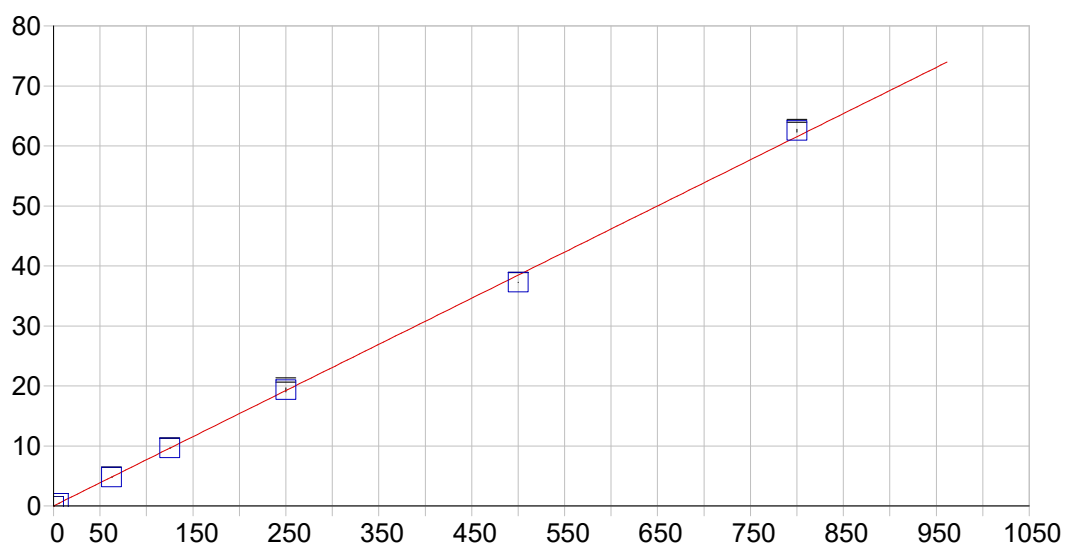


Cd 214.438 {457}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000067	Re-Slope:	1.000000
A1 (Gain):	3.471250	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000307		
Predicted MDL:	0.000114		
Predicted MQL:	0.000379		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.00500	.00564	.001	12.9	.01953	.000	1
S2	.62500	.63588	.011	1.74	2.2103	.011	1
S3	1.2500	1.2672	.017	1.37	4.4048	.001	1
S4	2.5000	2.5171	.017	.685	8.7498	.004	1
S5	5.0000	4.9542	-.046	-.916	17.222	.122	1

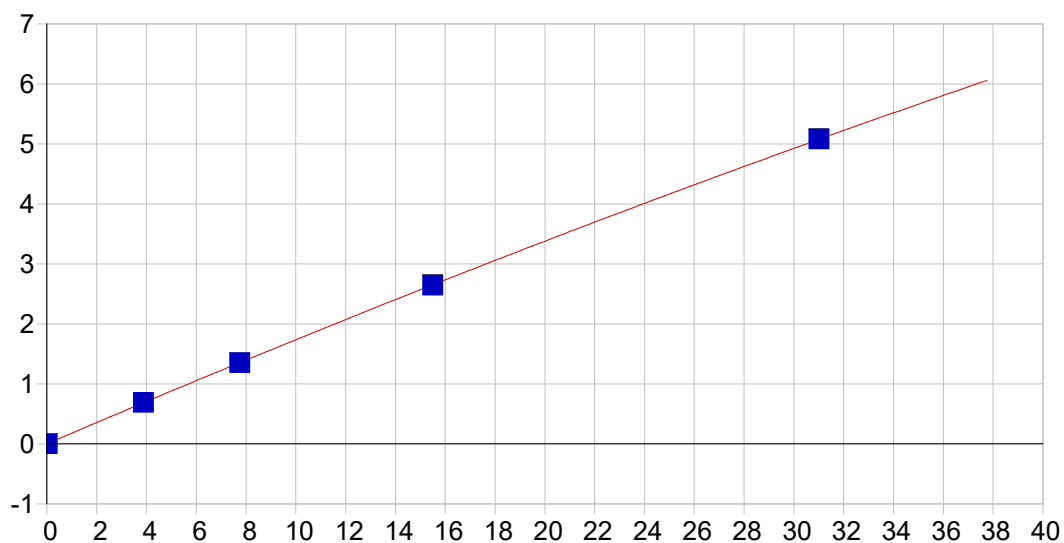


Ca 373.690 { 90}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002256 Re-Slope: 1.000000
 A1 (Gain): 0.076922 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.005946
 Predicted MDL: 0.010680
 Predicted MQL: 0.035599

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00079	-.001	.000	.00219	.000	1
S1	5.0000	5.8276	.828	16.6	.45053	.002	1
S2	62.500	62.368	-.132	-.210	4.7998	.023	1
S3	125.00	125.55	.549	.439	9.6597	.014	1
S4	250.00	251.34	1.34	.536	19.336	.335	1
S5	500.00	484.31	-15.7	-3.14	37.256	.043	1
S6	800.00	813.11	13.1	1.64	62.548	.236	1

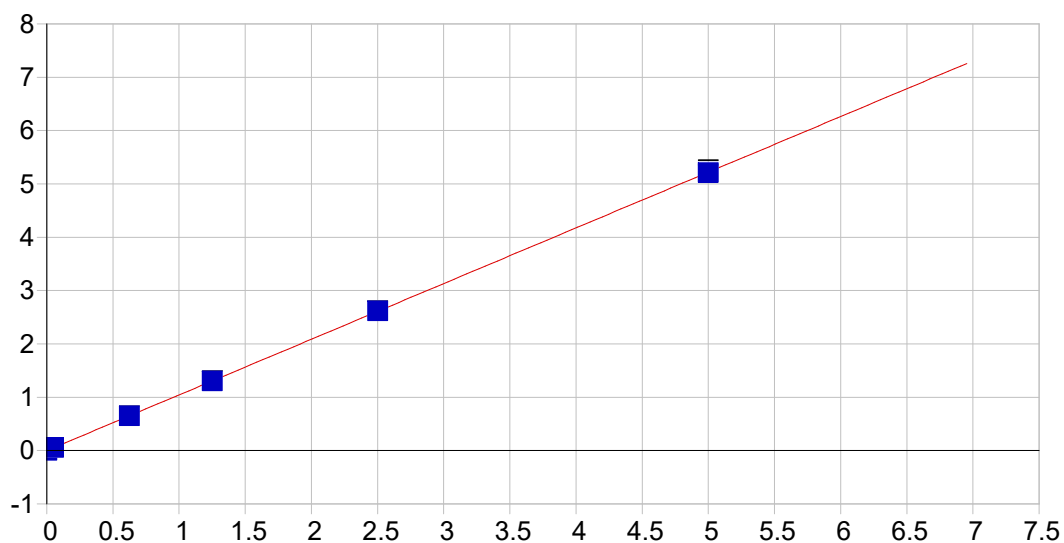


Cr 267.716 {126}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000036	Re-Slope:	1.000000
A1 (Gain):	0.178484	Y-int:	0.000000
A2 (Curvature):	-0.000477		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.000639		
Predicted MQL:	0.002132		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01213	.002	21.3	.00220	.000	1
S2	3.8750	3.9000	.025	.645	.68911	.001	1
S3	7.7500	7.7438	-.006	-.080	1.3541	.003	1
S4	15.500	15.458	-.042	-.268	2.6462	.006	1
S5	31.000	31.021	.021	.068	5.0799	.004	1

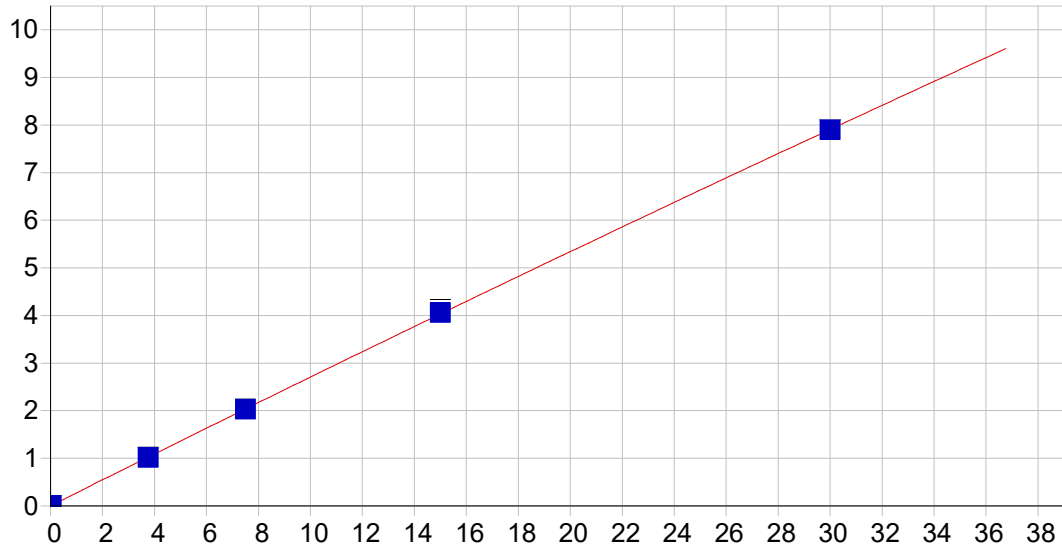


Co 228.616 {448}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000185	Re-Slope:	1.000000
A1 (Gain):	1.043805	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999964	Status:	OK.
Std Error of Est:	0.000234		
Predicted MDL:	0.000360		
Predicted MQL:	0.001199		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00019	.000	1
S1	.05000	.05558	.006	11.2	.05801	.000	1
S2	.62500	.62136	-.004	-.583	.64948	.003	1
S3	1.2500	1.2489	-.001	-.091	1.3055	.002	1
S4	2.5000	2.5065	.006	.259	2.6204	.003	1
S5	5.0000	4.9927	-.007	-.146	5.2199	.041	1

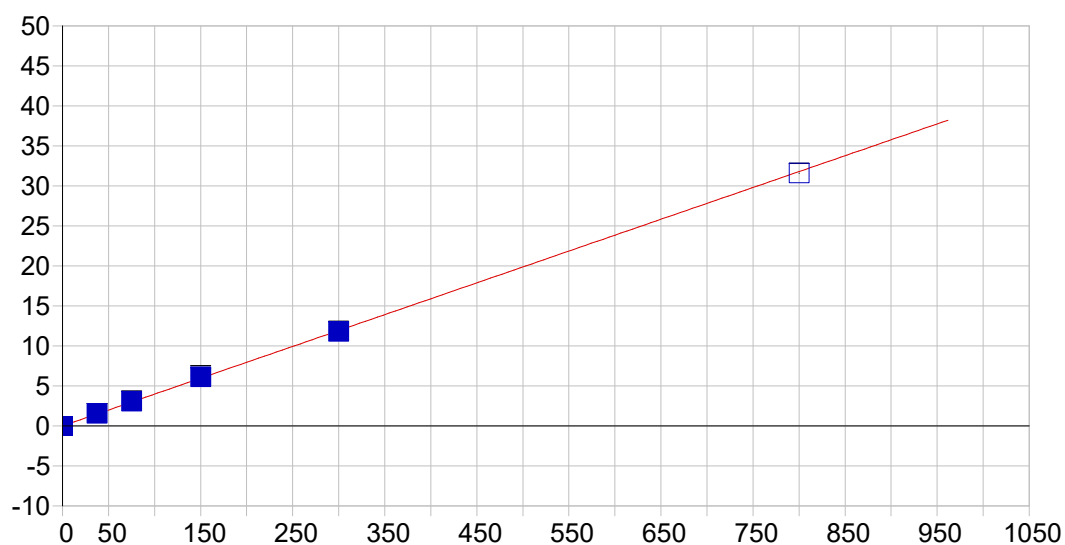


Cu 324.754 {104}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002198 Re-Slope: 1.000000
 A1 (Gain): 0.273789 Y-int: 0.000000
 A2 (Curvature): -0.000341
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001982
 Predicted MQL: 0.006606

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00220	.001	1
S1	.02500	.02889	.004	15.6	.01010	.000	1
S2	3.7500	3.7169	-.033	-.883	1.0158	.004	1
S3	7.5000	7.4724	-.028	-.368	2.0304	.003	1
S4	15.000	15.094	.094	.626	4.0598	.069	1
S5	30.000	29.963	-.037	-.123	7.9050	.002	1

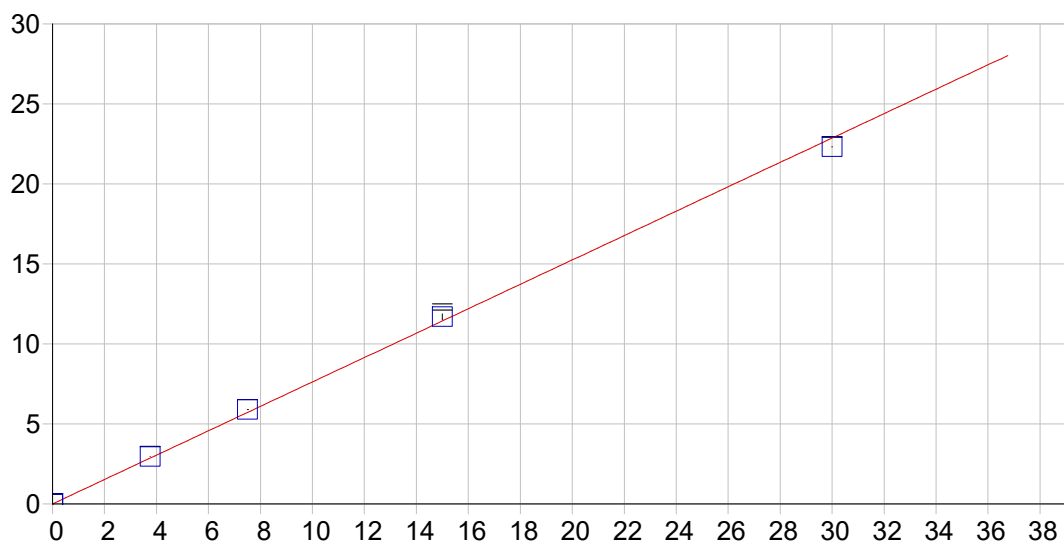


Fe 259.837 {130}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.039737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000285
 Predicted MDL: 0.006790
 Predicted MQL: 0.022634

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00002	.000	1
S1	.10000	.12723	.027	27.2	.00508	.000	1
S2	37.500	39.483	1.98	5.29	1.5697	.007	1
S3	75.000	77.332	2.33	3.11	3.0745	.027	1
S4	150.00	154.14	4.14	2.76	6.1284	.149	1
S5	300.00	296.74	-3.26	-1.09	11.798	.031	1
S6	800.00	794.77	-5.23	-.654	31.582	.035	1

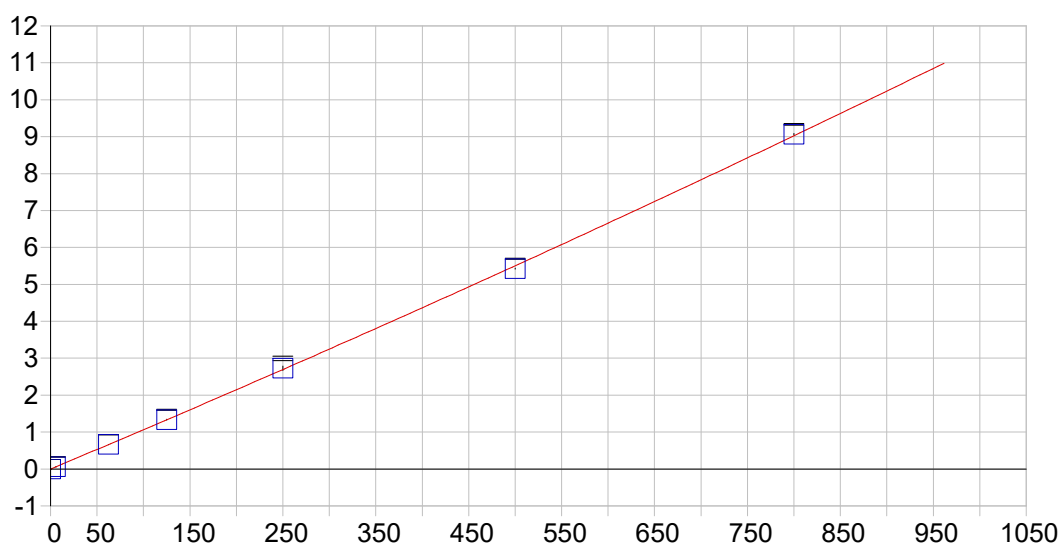


Mn 257.610 {131}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000424	Re-Slope:	1.000000
A1 (Gain):	0.762269	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000708		
Predicted MDL:	0.000357		
Predicted MQL:	0.001190		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.01500	.01851	.004	23.4	.01453	.000	1
S2	3.7500	3.8939	.144	3.84	2.9686	.015	1
S3	7.5000	7.7312	.231	3.08	5.8937	.004	1
S4	15.000	15.340	.340	2.27	11.694	.189	1
S5	30.000	29.281	-.719	-2.40	22.321	.026	1

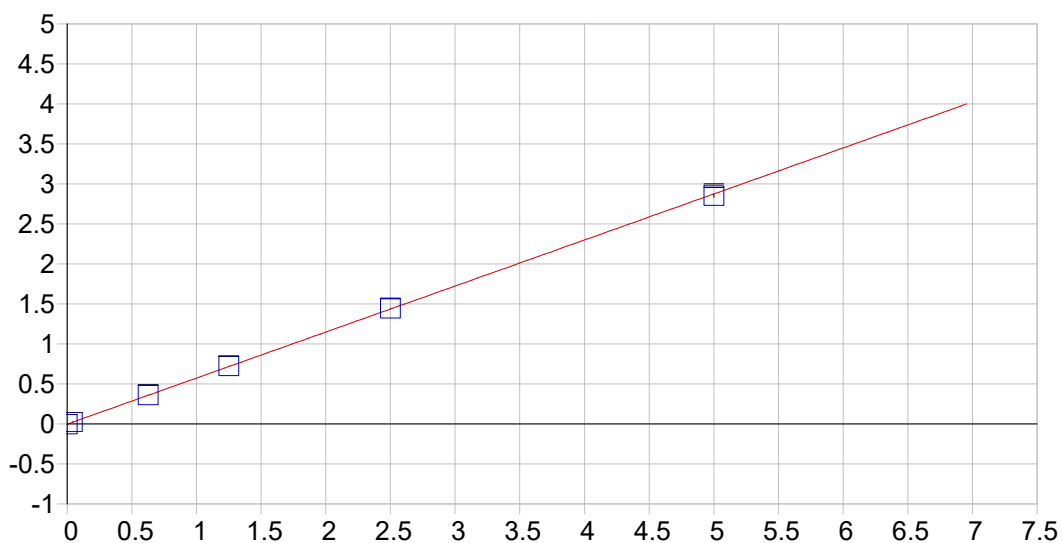


Mg 279.079 {121}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000395 Re-Slope: 1.000000
 A1 (Gain): 0.010550 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: Warning Positive Curvature
 Std Error of Est: 0.000520
 Predicted MDL: 0.027020
 Predicted MQL: 0.090067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00077	-.001	.000	-.00040	.000	1
S1	5.0000	5.7593	.759	15.2	.06040	.000	1
S2	62.500	62.547	.047	.075	.66305	.005	1
S3	125.00	124.95	-.051	-.041	1.3321	.013	1
S4	250.00	252.82	2.82	1.13	2.7253	.058	1
S5	500.00	493.17	-6.83	-1.37	5.4249	.012	1
S6	800.00	803.26	3.26	.408	9.0640	.021	1

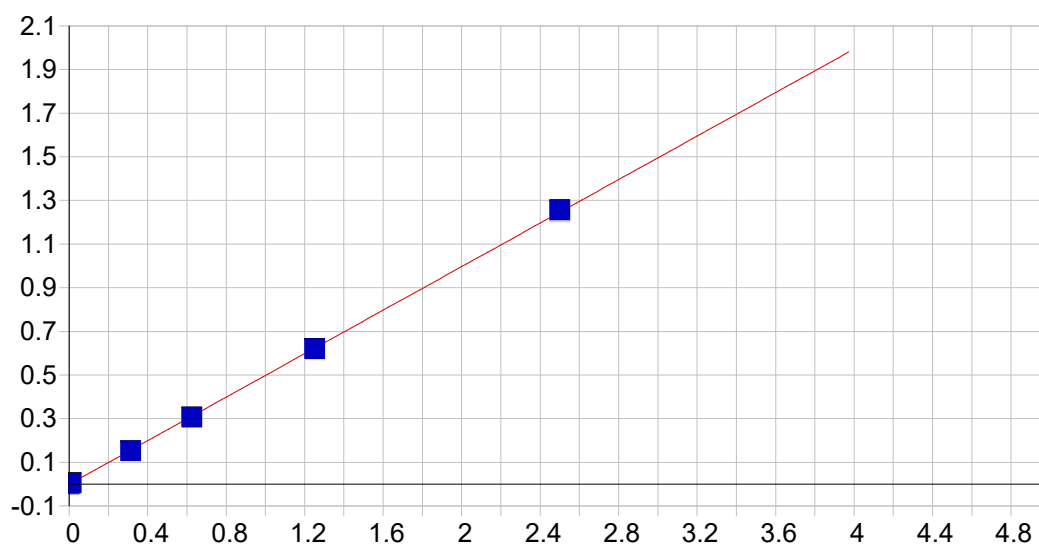


Ni 231.604 {446}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002017	Re-Slope:	1.000000
A1 (Gain):	0.575291	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999898	Status:	OK.
Std Error of Est:	0.000195		
Predicted MDL:	0.000666		
Predicted MQL:	0.002220		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00202	.000	1
S1	.04000	.04758	.008	19.0	.02536	.000	1
S2	.62500	.63128	.006	1.01	.36115	.002	1
S3	1.2500	1.2590	.009	.723	.72230	.001	1
S4	2.5000	2.5142	.014	.568	1.4444	.002	1
S5	5.0000	4.9629	-.037	-.742	2.8531	.021	1

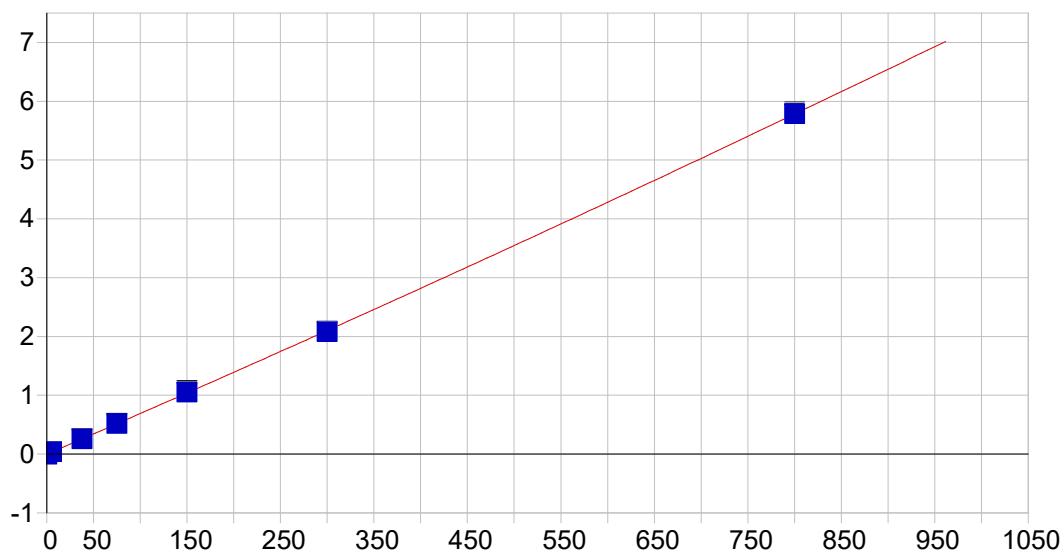


Ag 328.068 {103}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000662 Re-Slope: 1.000000
 A1 (Gain): 0.498652 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.000437
 Predicted MQL: 0.001457

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00066	.000	1
S1	.01000	.01106	.001	10.6	.00482	.000	1
S2	.31250	.30641	-.006	-1.95	.15112	.001	1
S3	.62500	.61624	-.009	-1.40	.30460	.002	1
S4	1.2500	1.2464	-.004	-.287	.61681	.001	1
S5	2.5000	2.5174	.017	.695	1.2465	.004	1

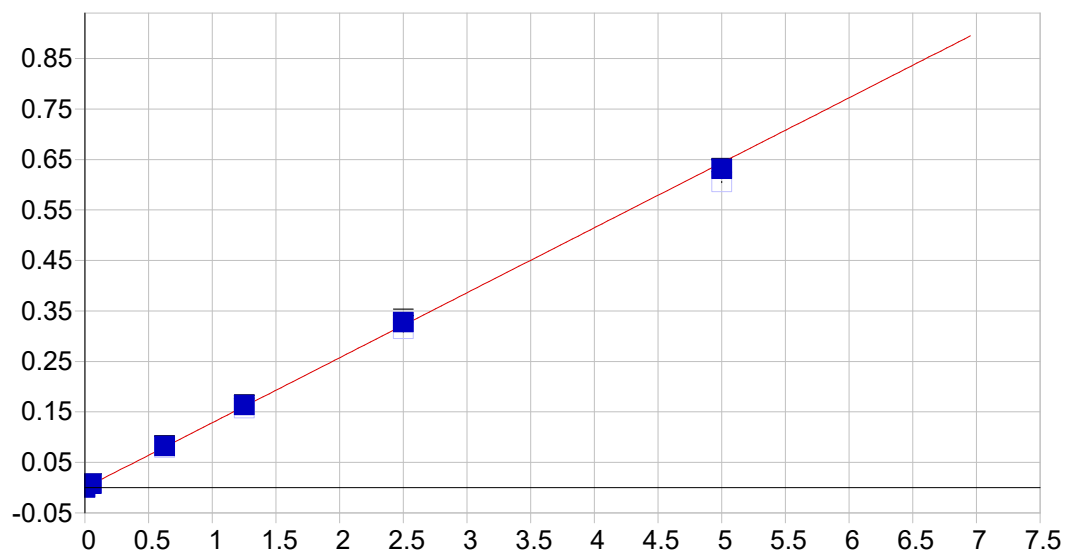


Na 818.326 { 41}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.001492	Re-Slope:	1.000000
A1 (Gain):	0.006875	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	Warning Positive Curvature
Std Error of Est:	0.000228		
Predicted MDL:	0.251752		
Predicted MQL:	0.839172		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00062	-.001	.000	-.00150	.002	1
S1	5.0000	5.6158	.616	12.3	.03713	.001	1
S2	37.500	37.502	.002	.004	.25787	.001	1
S3	75.000	74.904	-.096	-.127	.51779	.005	1
S4	150.00	151.63	1.63	1.09	1.0548	.023	1
S5	300.00	297.11	-2.89	-.964	2.0875	.006	1
S6	800.00	800.74	.742	.093	5.8070	.012	1

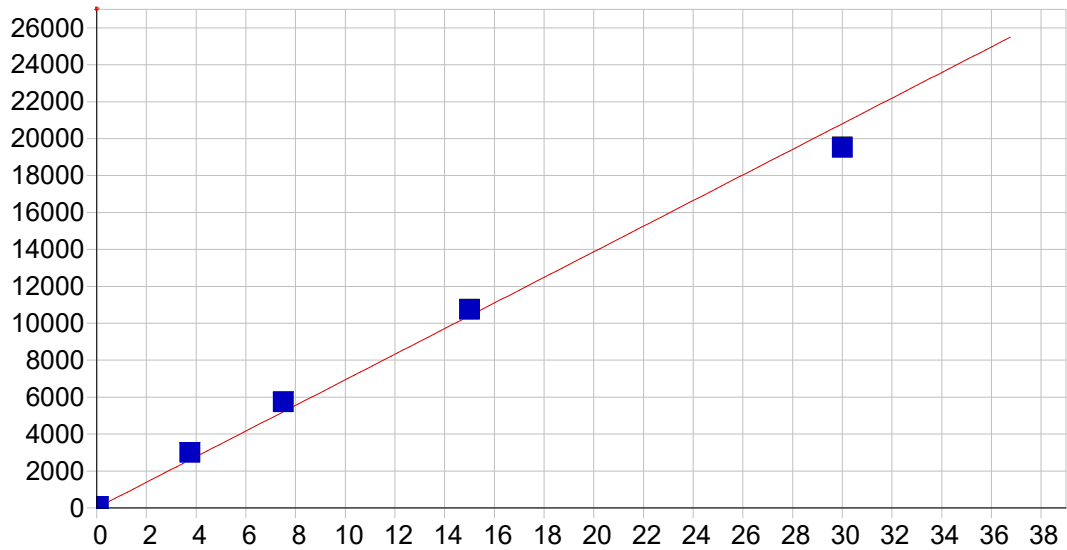


V 292.402 {115}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000149	Re-Slope:	1.000000
A1 (Gain):	0.128723	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999681	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.002687		
Predicted MQL:	0.008956		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00015	.000	1
S1	.05000	.05986	.010	19.7	.00754	.000	1
S2	.62500	.64277	.018	2.84	.07939	.000	1
S3	1.2500	1.2726	.023	1.80	.15725	.001	1
S4	2.5000	2.5457	.046	1.83	.31473	.007	1
S5	5.0000	4.9037	-.096	-1.93	.60546	.001	1

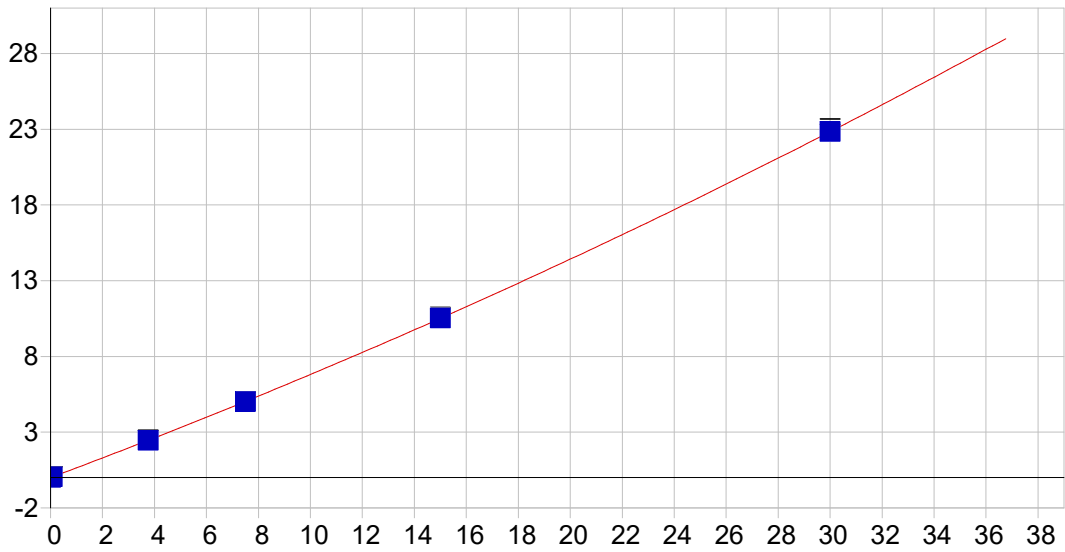


Zn 206.200 {464}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1.080767 Re-Slope: 1.000000
 A1 (Gain): 693.504143 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997229 Status: OK.
 Std Error of Est: 3.683695
 Predicted MDL: 0.000610
 Predicted MQL: 0.002032

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	1.0510	.241	1
S1	.06000	.08938	.029	49.0	63.192	.588	1
S2	3.7500	4.3236	.574	15.3	3001.5	5.22	1
S3	7.5000	8.2720	.772	10.3	5741.7	13.7	1
S4	15.000	15.491	.491	3.28	10752.	8.58	1
S5	30.000	28.134	-1.87	-6.22	19528.	11.8	1

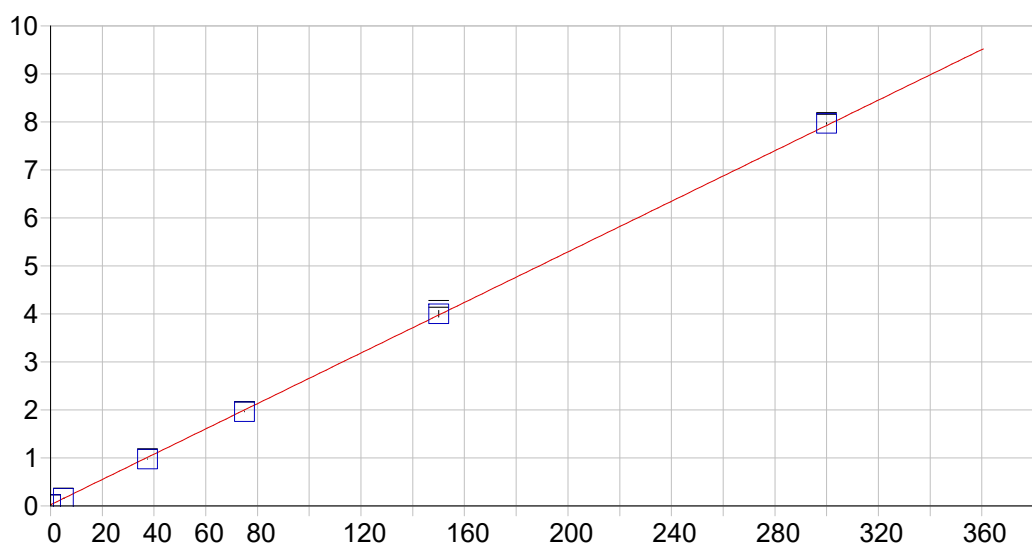


Zn 213.856 {158}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000239 Re-Slope: 1.000000
 A1 (Gain): 0.640623 Y-int: 0.000000
 A2 (Curvature): 0.004021
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: Warning Positive Curvature
 Std Error of Est: 0.000360
 Predicted MDL: 0.001911
 Predicted MQL: 0.006369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00023	.001	1
S1	.06000	.07181	.012	19.7	.04638	.001	1
S2	3.7500	3.7559	.006	.156	2.4649	.010	1
S3	7.5000	7.4613	-.039	-.516	5.0077	.003	1
S4	15.000	15.025	.025	.164	10.540	.052	1
S5	30.000	29.997	-.003	-.012	22.850	.183	1

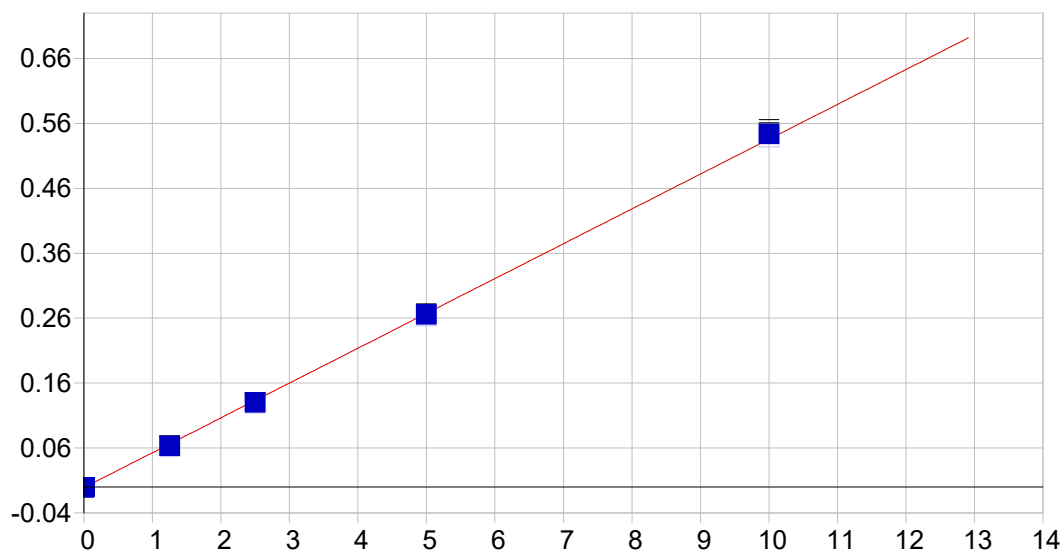


K 769.896 { 44}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.024443 Re-Slope: 1.000000
 A1 (Gain): 0.026341 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000749
 Predicted MDL: 0.059182
 Predicted MQL: 0.197273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.02444	.001	1
S1	5.0000	5.2458	.246	4.92	.16262	.000	1
S2	37.500	36.096	-1.40	-3.74	.97525	.004	1
S3	75.000	73.549	-1.45	-1.94	1.9618	.004	1
S4	150.00	150.98	.982	.655	4.0015	.069	1
S5	300.00	301.63	1.63	.542	7.9697	.015	1

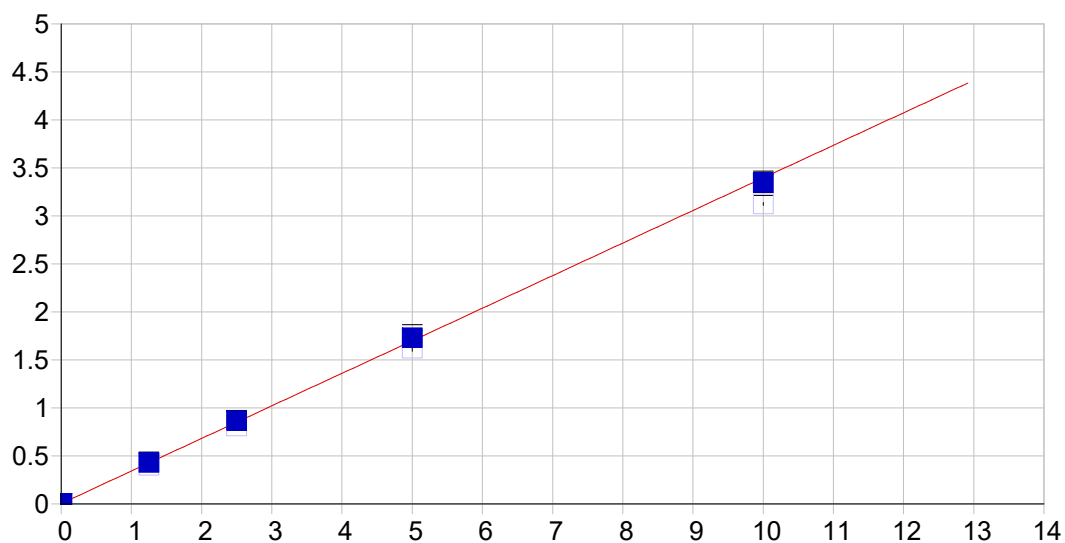


P 177.495 {490}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000946 Re-Slope: 1.000000
 A1 (Gain): 0.053660 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.003827
 Predicted MQL: 0.012756

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00095	.000	1
S1	.01000	.01336	.003	33.6	-.00023	.000	1
S2	1.2500	1.1933	-.057	-4.54	.06246	.000	1
S3	2.5000	2.4385	-.062	-2.46	.12865	.000	1
S4	5.0000	4.9657	-.034	-.685	.26302	.001	1
S5	10.000	10.149	.149	1.49	.53867	.007	1

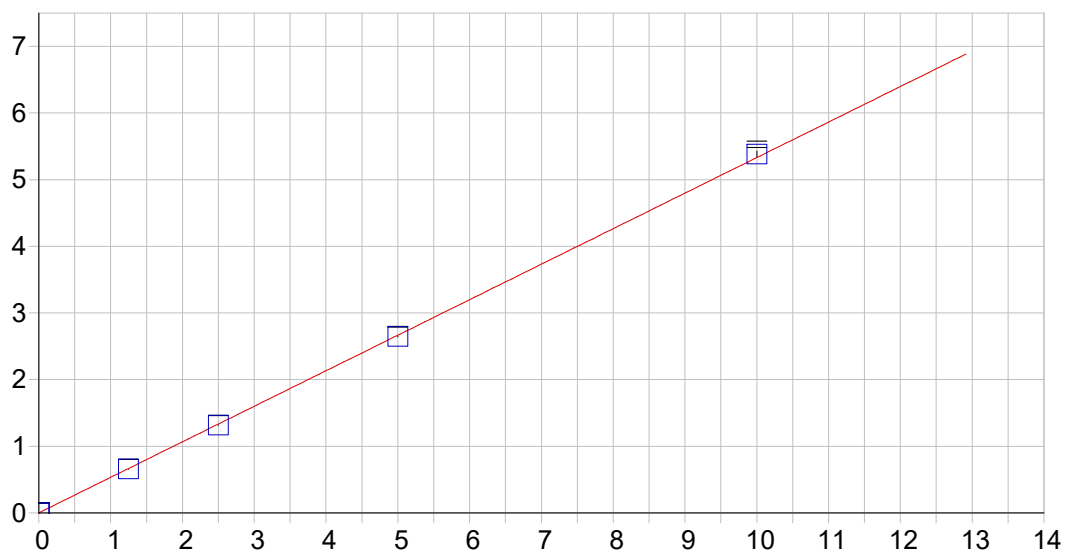


B 249.678 {135}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003262	Re-Slope:	1.000000
A1 (Gain):	0.339233	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000090		
Predicted MDL:	0.001123		
Predicted MQL:	0.003743		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00326	.001	1
S1	.01000	.00859	-.001	-14.1	.00615	.000	1
S2	1.2500	1.2547	.005	.374	.40098	.007	1
S3	2.5000	2.5430	.043	1.72	.81010	.005	1
S4	5.0000	5.0948	.095	1.90	1.6199	.031	1
S5	10.000	9.8590	-.141	-1.41	3.1245	.014	1

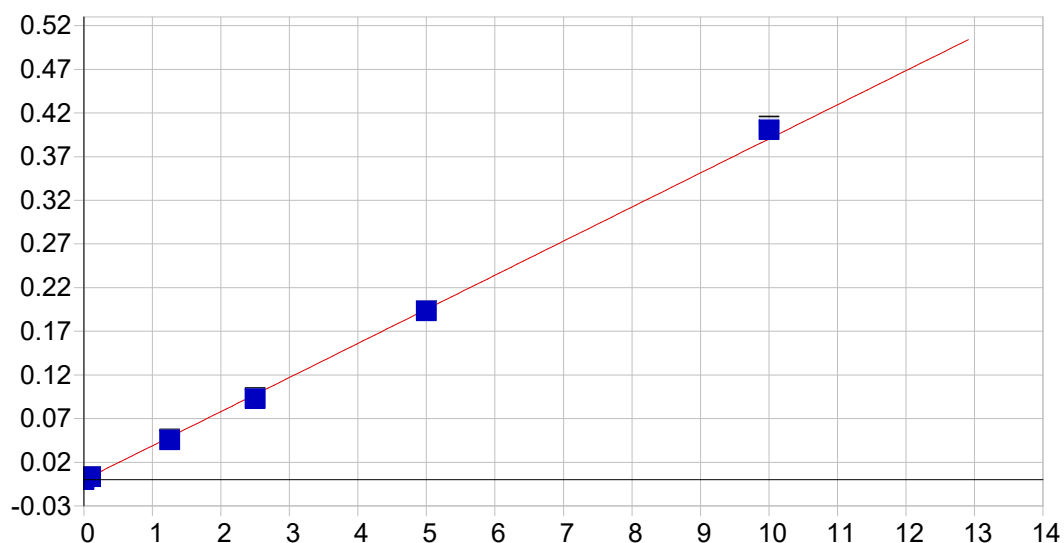


Mo 202.030 {467}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000724 Re-Slope: 1.000000
 A1 (Gain): 0.533063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000100
 Predicted MDL: 0.000543
 Predicted MQL: 0.001812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.01000	.01163	.002	16.3	.00692	.000	1
S2	1.2500	1.2298	-.020	-1.61	.65630	.002	1
S3	2.5000	2.4637	-.036	-1.45	1.3140	.003	1
S4	5.0000	4.9592	-.041	-.816	2.6443	.005	1
S5	10.000	10.096	.096	.956	5.3823	.046	1

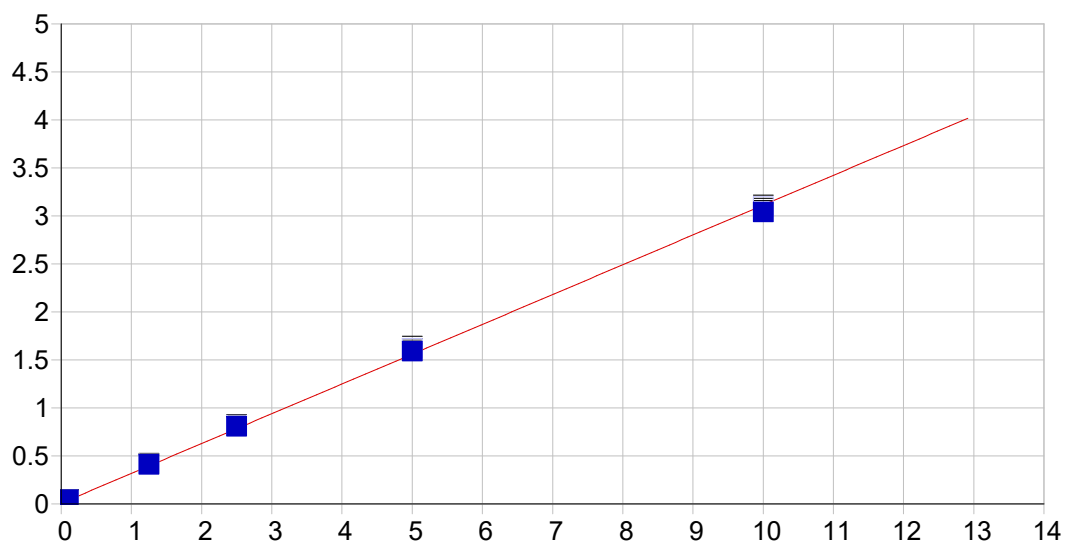


S 182.034 {485}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000094 Re-Slope: 1.000000
 A1 (Gain): 0.039047 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999464 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.005772
 Predicted MQL: 0.019240

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00009	.000	1
S1	.10000	.08850	-.012	-11.5	.00336	.000	1
S2	1.2500	1.1679	-.082	-6.57	.04561	.001	1
S3	2.5000	2.3777	-.122	-4.89	.09295	.001	1
S4	5.0000	4.9494	-.051	-1.01	.19357	.001	1
S5	10.000	10.266	.266	2.66	.40160	.003	1

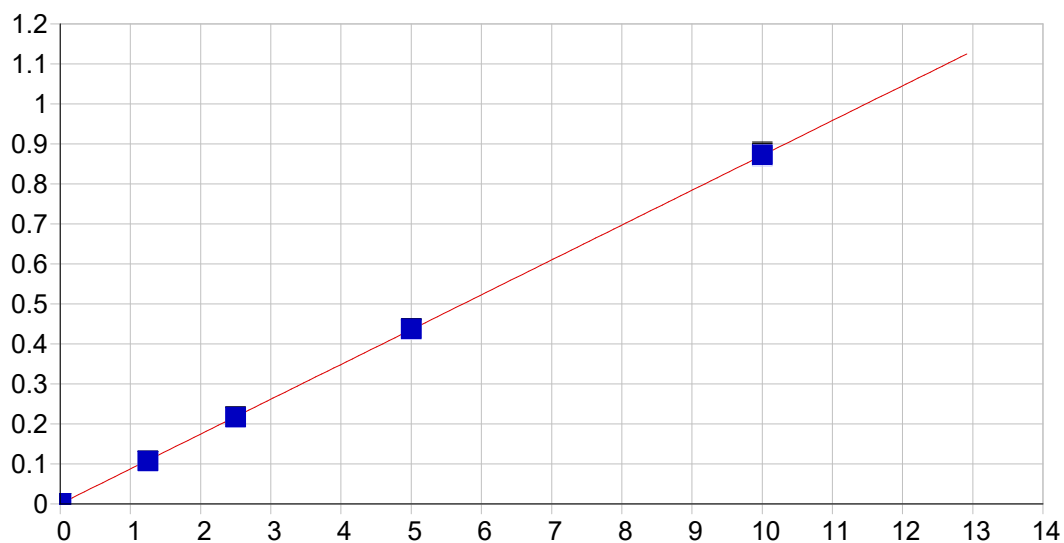


Si 251.611 {134}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007343 Re-Slope: 1.000000
 A1 (Gain): 0.310464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999660 Status: OK.
 Std Error of Est: 0.000438
 Predicted MDL: 0.001276
 Predicted MQL: 0.004252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00734	.000	1
S1	.10000	.11418	.014	14.2	.04320	.000	1
S2	1.2500	1.2971	.047	3.77	.41731	.005	1
S3	2.5000	2.5756	.076	3.02	.82150	.006	1
S4	5.0000	5.0955	.096	1.91	1.6184	.026	1
S5	10.000	9.7677	-.232	-2.32	3.0980	.016	1

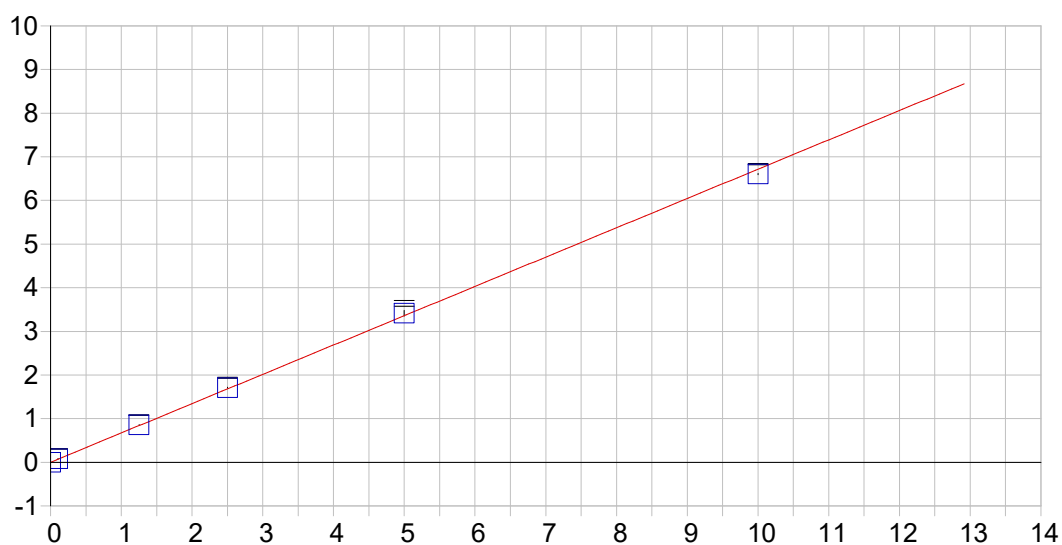


Sn 189.989 {478}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000275	Re-Slope:	1.000000
A1 (Gain):	0.087089	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.002154		
Predicted MQL:	0.007179		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.00700	.00677	-.000	-3.34	.00083	.000	1
S2	1.2500	1.2237	-.026	-2.10	.10636	.000	1
S3	2.5000	2.4882	-.012	-.471	.21600	.001	1
S4	5.0000	5.0173	.017	.346	.43529	.001	1
S5	10.000	10.021	.021	.210	.86911	.007	1

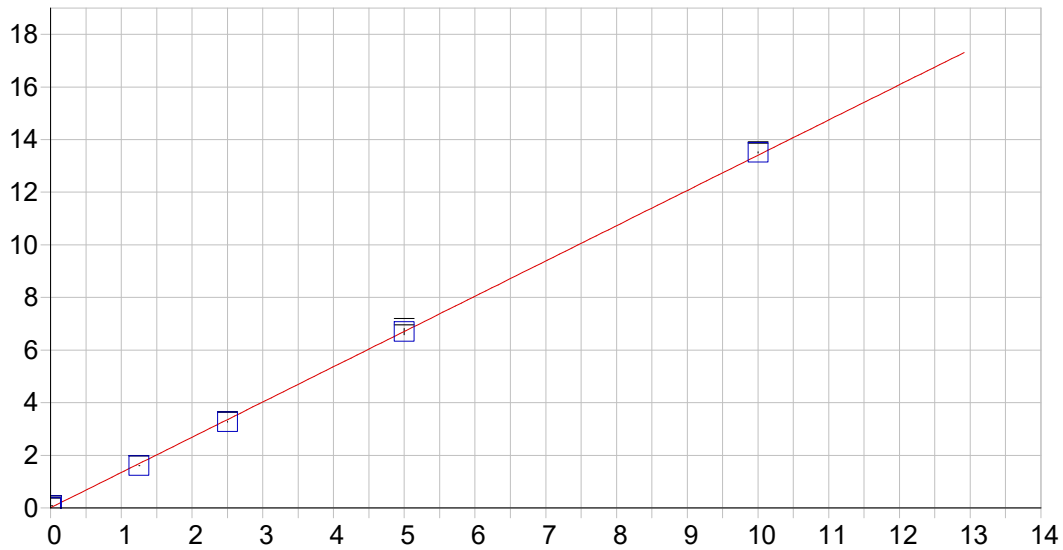


Ti 336.121 {100}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000539	Re-Slope:	1.000000
A1 (Gain):	0.671634	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999799	Status:	OK.
Std Error of Est:	0.000716		
Predicted MDL:	0.000904		
Predicted MQL:	0.003014		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00053	.001	1
S1	.10000	.11558	.016	15.6	.07817	.001	1
S2	1.2500	1.2741	.024	1.92	.85624	.002	1
S3	2.5000	2.5425	.043	1.70	1.7082	.010	1
S4	5.0000	5.0810	.081	1.62	3.4131	.065	1
S5	10.000	9.8369	-.163	-1.63	6.6073	.016	1



Li 670.784 { 50}

Date of Fit: 12/04/2020 18:48:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006453 Re-Slope: 1.000000
 A1 (Gain): 1.339953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997107 Status: OK.
 Std Error of Est: 0.002098
 Predicted MDL: 0.001350
 Predicted MQL: 0.004501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00640	.002	1
S5	10.000	10.078	.078	.783	13.511	.026	1
S4	5.0000	5.0001	.000	.002	6.7064	.122	1
S3	2.5000	2.4375	-.063	-2.50	3.2725	.011	1
S2	1.2500	1.1946	-.055	-4.44	1.6071	.002	1
S1	.01500	.05455	.040	264.	.07955	.000	1







Y 224.306 {150}*

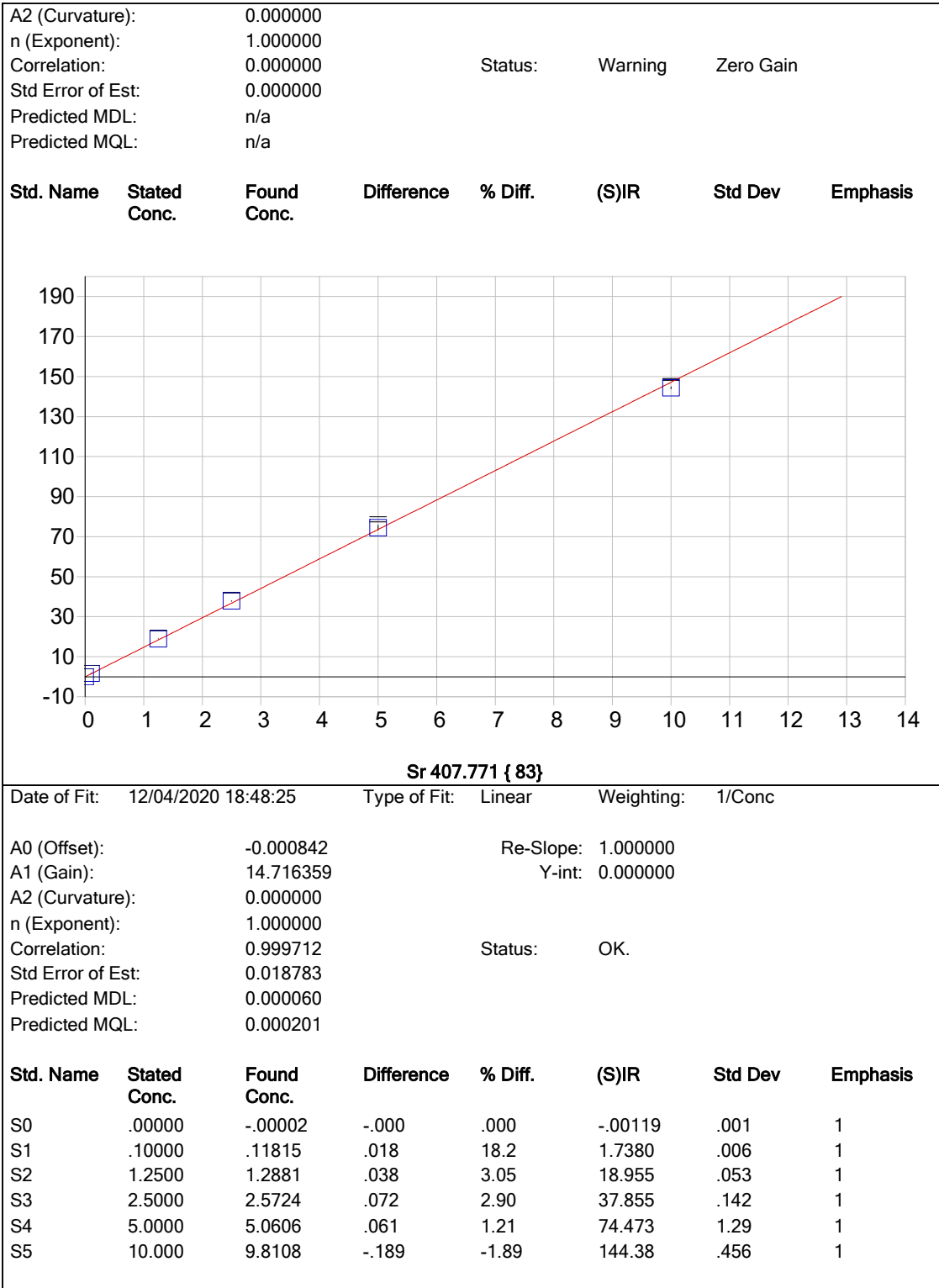
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
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: 12/04/2020 15:52:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) 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	-.00036	-.00126	.00097	.00117	.00082	.00225	-.01627	-.00230
Stddev	.00009	.00006	.00038	.00029	.00012	.00061	.00155	.00020
%RSD	24.581	4.9795	39.021	24.950	13.994	27.029	9.5334	8.9151

#1	-.00026	-.00118	.00053	.00083	.00091	.00214	-.01776	-.00239
#2	-.00039	-.00129	.00122	.00134	.00069	.00170	-.01466	-.00244
#3	-.00042	-.00130	.00115	.00133	.00086	.00290	-.01638	-.00206

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	-.00007	.00219	.00004	-.00019	.00220	.00002	.00042	-.00040
Stddev	.00021	.00022	.00006	.00020	.00058	.00014	.00038	.00011
%RSD	296.11	9.9216	161.66	103.99	26.342	836.82	91.089	27.008

#1	.00017	.00223	.00000	-.00023	.00218	-.00014	.00059	-.00047
#2	-.00019	.00196	.00000	.00003	.00163	.00012	.00069	-.00028
#3	-.00019	.00239	.00010	-.00036	.00278	.00007	-.00002	-.00046

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	-.00202	-.00066	-.00150	-.00015	.00023	.02444	-.00095	.00326
Stddev	.00022	.00002	.00203	.00017	.00142	.00098	.00011	.00060
%RSD	10.674	3.5331	135.48	113.01	613.79	4.0231	12.104	18.295

#1	-.00187	-.00069	.00084	-.00035	-.00140	.02555	-.00088	.00369
#2	-.00193	-.00066	-.00274	-.00005	.00091	.02410	-.00108	.00258
#3	-.00227	-.00064	-.00259	-.00006	.00119	.02367	-.00088	.00352

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	.00072	-.00009	.00734	.00028	.00053	.00640	-.00119	
Stddev	.00026	.00005	.00020	.00018	.00069	.00183	.00079	
%RSD	35.917	54.088	2.7636	66.635	130.27	28.519	66.251	

#1	.00101	-.00004	.00730	.00009	.00004	.00741	-.00180	
#2	.00064	-.00011	.00755	.00046	.00131	.00749	-.00030	
#3	.00051	-.00014	.00715	.00027	.00023	.00429	-.00146	

Sample Name: S0 Acquired: 12/04/2020 15:52:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.6	25508.	6706.5	823.23	1687.4
Stddev	1.9	42.	27.3	3.55	3.2
%RSD	.13077	.16504	.40737	.43066	.19101
#1	1454.7	25519.	6733.1	821.35	1683.9
#2	1451.0	25543.	6678.5	827.31	1688.0
#3	1452.2	25461.	6707.8	821.01	1690.3

Sample Name: S1 Acquired: 12/04/2020 15:56:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) 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	.00013	.00037	.00372	.00340	.00918	.02516	.57125	.01502
Stddev	.00009	.00011	.00026	.00016	.00012	.00025	.00178	.00021
%RSD	69.245	29.460	6.8851	4.6333	1.3108	1.0044	.31200	1.3924
#1	.00003	.00046	.00395	.00323	.00930	.02505	.56922	.01523
#2	.00020	.00039	.00344	.00346	.00905	.02544	.57256	.01502
#3	.00016	.00025	.00376	.00353	.00918	.02497	.57197	.01481
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	.01953	.45053	.00220	.05801	.01010	.00508	.01453	.06040
Stddev	.00007	.00193	.00004	.00025	.00034	.00025	.00010	.00038
%RSD	.36169	.42755	1.7569	.42648	3.3250	4.9528	.68506	.62554
#1	.01947	.45104	.00222	.05775	.00997	.00493	.01459	.06006
#2	.01961	.45215	.00223	.05824	.01048	.00537	.01441	.06032
#3	.01952	.44840	.00216	.05804	.00985	.00495	.01458	.06080
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	.02536	.00482	.03713	.00754	.04638	.16262	-.00023	.00615
Stddev	.00013	.00012	.00143	.00007	.00054	.00031	.00017	.00032
%RSD	.51523	2.4250	3.8479	.90784	1.1618	.18908	74.427	5.1986
#1	.02521	.00472	.03851	.00762	.04627	.16261	-.00040	.00650
#2	.02540	.00495	.03566	.00748	.04696	.16294	-.00006	.00608
#3	.02546	.00479	.03722	.00752	.04590	.16232	-.00023	.00588
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	.00692	.00336	.04320	.00083	.07817	.07955	1.7380	
Stddev	.00041	.00004	.00031	.00012	.00051	.00033	.0055	
%RSD	5.9892	1.1033	.72767	14.936	.65359	.41758	.31818	
#1	.00655	.00336	.04290	.00073	.07841	.07930	1.7336	
#2	.00737	.00332	.04317	.00078	.07758	.07943	1.7442	
#3	.00684	.00340	.04353	.00097	.07851	.07993	1.7361	

Sample Name: S1 Acquired: 12/04/2020 15:56:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.6	25614.	6745.8	825.68	1695.2
Stddev	2.1	114.	16.8	5.34	.5
%RSD	.14145	.44631	.24904	.64678	.02941
#1	1453.3	25559.	6748.9	819.63	1694.8
#2	1456.3	25538.	6760.9	829.73	1695.7
#3	1457.3	25746.	6727.7	827.69	1695.0

Sample Name: S2 Acquired: 12/04/2020 16:00:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) 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	.05129	.07115	1.7016	.08036	.16306	3.6941	8.9559	.37246
Stddev	.00037	.00022	.0035	.00022	.00036	.0115	.0180	.00475
%RSD	.72471	.31596	.20818	.27311	.21955	.31248	.20148	1.2740

#1	.05132	.07119	1.7048	.08061	.16330	3.6913	8.9495	.37081
#2	.05164	.07136	1.7023	.08029	.16265	3.6842	8.9419	.36876
#3	.05090	.07091	1.6978	.08019	.16323	3.7068	8.9762	.37781

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	2.2103	4.7998	.68911	.64948	1.0158	1.5697	2.9686	.66305
Stddev	.0105	.0228	.00147	.00252	.0039	.0065	.0153	.00457
%RSD	.47699	.47514	.21270	.38865	.38621	.41529	.51669	.68871

#1	2.2213	4.7875	.68837	.65145	1.0140	1.5691	2.9544	.66029
#2	2.2093	4.7857	.68817	.65035	1.0132	1.5636	2.9666	.66053
#3	2.2003	4.8261	.69080	.64663	1.0203	1.5766	2.9849	.66832

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	.36115	.15112	.25787	.07939	2.4649	.97525	.06246	.40098
Stddev	.00174	.00054	.00094	.00027	.0104	.00353	.00031	.00716
%RSD	.48054	.36016	.36598	.33567	.42363	.36160	.49482	1.7855

#1	.36227	.15146	.25886	.07924	2.4629	.97131	.06281	.39959
#2	.36204	.15049	.25699	.07923	2.4762	.97633	.06224	.39461
#3	.35915	.15140	.25775	.07970	2.4556	.97811	.06233	.40873

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	.65630	.04561	.41731	.10636	.85624	1.6071	18.955
Stddev	.00177	.00082	.00506	.00036	.00232	.0021	.053
%RSD	.26999	1.7912	1.2121	.33557	.27053	.12749	.28032

#1	.65595	.04565	.41530	.10671	.85614	1.6067	18.906
#2	.65822	.04640	.41357	.10638	.85398	1.6093	18.947
#3	.65472	.04477	.42307	.10599	.85861	1.6053	19.012

Sample Name: S2 Acquired: 12/04/2020 16:00:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.4	25198.	6704.5	794.00	1581.6
Stddev	6.0	56.	44.4	2.26	7.6
%RSD	.42841	.22197	.66283	.28407	.47909
#1	1400.1	25142.	6705.5	791.90	1575.4
#2	1401.9	25198.	6748.4	793.73	1579.4
#3	1411.3	25254.	6659.5	796.39	1590.1

Sample Name: S3 Acquired: 12/04/2020 16:04:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) 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	.10408	.14269	3.4175	.15686	.32433	7.4454	18.036	.73831
Stddev	.00032	.00029	.0042	.00041	.00127	.0366	.041	.00452
%RSD	.31043	.20496	.12277	.26193	.39043	.49182	.22540	.61182

#1	.10377	.14278	3.4209	.15649	.32417	7.4176	18.058	.73522
#2	.10405	.14294	3.4128	.15730	.32316	7.4318	17.989	.73622
#3	.10441	.14237	3.4189	.15678	.32567	7.4869	18.060	.74349

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4048	9.6597	1.3541	1.3055	2.0304	3.0745	5.8937	1.3321
Stddev	.0008	.0136	.0034	.0016	.0031	.0272	.0036	.0134
%RSD	.01937	.14080	.24747	.12451	.14998	.88394	.06126	1.0058

#1	4.4042	9.6613	1.3517	1.3073	2.0272	3.0497	5.8943	1.3187
#2	4.4043	9.6454	1.3527	1.3042	2.0308	3.0703	5.8898	1.3320
#3	4.4057	9.6725	1.3579	1.3051	2.0332	3.1036	5.8970	1.3455

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	.72230	.30460	.51779	.15725	5.0077	1.9618	.12865	.81010
Stddev	.00070	.00157	.00489	.00079	.0035	.0040	.00023	.00455
%RSD	.09753	.51529	.94380	.50071	.06969	.20404	.18225	.56181

#1	.72279	.30363	.51507	.15635	5.0110	1.9598	.12863	.80590
#2	.72149	.30376	.51486	.15764	5.0040	1.9592	.12890	.80945
#3	.72261	.30641	.52343	.15777	5.0080	1.9664	.12843	.81494

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	1.3140	.09295	.82150	.21600	1.7082	3.2725	37.855
Stddev	.0030	.00087	.00623	.00056	.0102	.0113	.142
%RSD	.22730	.93585	.75822	.25895	.59733	.34375	.37526

#1	1.3117	.09332	.81565	.21574	1.6976	3.2719	37.868
#2	1.3131	.09358	.82081	.21562	1.7089	3.2616	37.708
#3	1.3174	.09196	.82805	.21664	1.7180	3.2841	37.991

Sample Name: S3 Acquired: 12/04/2020 16:04:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.7	24827.	6607.1	767.33	1511.2
Stddev	1.6	50.	26.6	3.03	2.3
%RSD	.11989	.19944	.40229	.39534	.15140
#1	1362.5	24783.	6624.1	763.95	1509.7
#2	1359.7	24881.	6620.8	769.82	1510.0
#3	1359.7	24816.	6576.5	768.22	1513.8

Sample Name: S4 Acquired: 12/04/2020 16:08:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) 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	.21217	.27966	6.8325	.31300	.65867	15.235	35.736	1.4615
Stddev	.00092	.00105	.0033	.00145	.00191	.299	.581	.0257
%RSD	.43481	.37497	.04827	.46383	.29052	1.9619	1.6250	1.7621

#1	.21111	.27933	6.8300	.31401	.65669	15.104	35.556	1.4696
#2	.21282	.27881	6.8362	.31365	.66051	15.025	35.268	1.4326
#3	.21257	.28083	6.8313	.31133	.65882	15.577	36.386	1.4822

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.7498	19.336	2.6462	2.6204	4.0598	6.1284	11.694	2.7253
Stddev	.0040	.335	.0060	.0029	.0692	.1487	.189	.0584
%RSD	.04527	1.7321	.22758	.10908	1.7036	2.4264	1.6191	2.1413

#1	8.7524	19.111	2.6481	2.6235	4.0177	6.1148	11.566	2.7187
#2	8.7452	19.175	2.6510	2.6179	4.0221	5.9869	11.604	2.6706
#3	8.7516	19.721	2.6394	2.6198	4.1396	6.2834	11.911	2.7867

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	1.4444	.61681	1.0548	.31473	10.540	4.0015	.26302	1.6199
Stddev	.0024	.00093	.0226	.00671	.052	.0690	.00091	.0314
%RSD	.16945	.15149	2.1452	2.1333	.48970	1.7248	.34643	1.9393

#1	1.4455	.61583	1.0478	.31296	10.487	3.9629	.26203	1.6283
#2	1.4416	.61690	1.0365	.30908	10.544	3.9605	.26322	1.5852
#3	1.4461	.61769	1.0801	.32215	10.590	4.0812	.26381	1.6463

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	2.6443	.19357	1.6184	.43529	3.4131	6.7064	74.473
Stddev	.0052	.00053	.0258	.00121	.0654	.1225	1.288
%RSD	.19513	.27245	1.5921	.27862	1.9146	1.8264	1.7292

#1	2.6394	.19350	1.6271	.43391	3.3858	6.6443	74.540
#2	2.6497	.19309	1.5894	.43621	3.3658	6.6274	73.153
#3	2.6438	.19413	1.6386	.43574	3.4877	6.8474	75.726

Sample Name: S4 Acquired: 12/04/2020 16:08:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.0	24310.	6464.5	718.16	1420.1
Stddev	3.4	63.	100.8	2.17	1.2
%RSD	.26764	.25929	1.5601	.30271	.08275
#1	1290.5	24328.	6461.4	720.44	1418.9
#2	1285.0	24240.	6566.8	716.12	1420.3
#3	1291.4	24362.	6365.2	717.91	1421.2

Sample Name: S5 Acquired: 12/04/2020 16:12:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) 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	.44388	.54272	13.685	.62956	1.3676	30.321	69.877	2.7874
Stddev	.00400	.00364	.104	.00334	.0080	.040	.603	.0159
%RSD	.90082	.67153	.76040	.52984	.58583	.13250	.86283	.56889

#1	.44140	.54114	13.654	.62798	1.3634	30.288	70.010	2.8027
#2	.44174	.54013	13.600	.62731	1.3625	30.366	69.218	2.7711
#3	.44849	.54689	13.801	.63339	1.3768	30.310	70.402	2.7884

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	17.222	37.256	5.0799	5.2199	7.9050	11.798	22.321	5.4249
Stddev	.122	.043	.0043	.0411	.0024	.031	.026	.0115
%RSD	.70759	.11467	.08443	.78792	.03013	.26005	.11730	.21218

#1	17.171	37.210	5.0831	5.2092	7.9051	11.797	22.298	5.4271
#2	17.134	37.264	5.0750	5.1852	7.9074	11.829	22.314	5.4352
#3	17.361	37.294	5.0815	5.2653	7.9026	11.768	22.349	5.4125

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8531	1.2465	2.0875	.60546	22.850	7.9697	.53867	3.1245
Stddev	.0210	.0040	.0061	.00135	.183	.0151	.00695	.0143
%RSD	.73430	.31906	.29086	.22266	.80205	.18920	1.2901	.45804

#1	2.8487	1.2422	2.0831	.60459	22.652	7.9674	.53357	3.1395
#2	2.8347	1.2501	2.0944	.60701	23.015	7.9858	.53585	3.1110
#3	2.8759	1.2473	2.0851	.60477	22.882	7.9560	.54659	3.1230

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	5.3823	.40160	3.0980	.86911	6.6073	13.511	144.38
Stddev	.0464	.00348	.0164	.00670	.0157	.026	.46
%RSD	.86250	.86569	.52874	.77108	.23692	.18893	.31580

#1	5.3508	.39971	3.1107	.86690	6.5973	13.495	143.88
#2	5.3605	.39947	3.0795	.86380	6.6253	13.540	144.48
#3	5.4356	.40561	3.1037	.87664	6.5993	13.498	144.77

Sample Name: S5 Acquired: 12/04/2020 16:12:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1176.3	23571.	6455.4	645.52	1307.0
Stddev	8.7	59.	4.5	4.23	9.8
%RSD	.74279	.24837	.06918	.65466	.74823
#1	1181.0	23592.	6453.8	650.25	1309.6
#2	1181.8	23504.	6460.4	642.13	1315.2
#3	1166.3	23616.	6451.9	644.18	1296.2

Sample Name: S6 Acquired: 12/04/2020 16:16:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) 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	80.881	62.548	31.582	9.0640	5.8070
Stddev	.939	.236	.035	.0210	.0122
%RSD	1.1606	.37755	.10928	.23155	.21076

#1	81.507	62.790	31.613	9.0857	5.7950
#2	79.802	62.318	31.588	9.0438	5.8064
#3	81.335	62.537	31.545	9.0626	5.8195

Int. Std.	Y_3710
Units	Cts/S
Avg	6409.4
Stddev	22.8
%RSD	.35625

#1	6388.6
#2	6433.8
#3	6405.8

Sample Name: ICV Acquired: 12/04/2020 16:21:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0409620	.0584390	.2715989	.0655930	.1265969	.2463473	1.834687
Stddev	.0002017	.0003114	.0006100	.0003426	.0001454	.0014941	.007580
%RSD	.4923715	.5328343	.2245909	.5222999	.1148284	.6064929	.4131571

#1	.0411694	.0587200	.2714655	.0653328	.1266441	.2479123	1.843058
#2	.0407666	.0584927	.2722646	.0654650	.1264338	.2461937	1.832719
#3	.0409500	.0581043	.2710667	.0659812	.1267128	.2449360	1.828286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.533433	1.798056	.7921895	.0951661	.5339383	.1469629	.4258392
Stddev	.010610	.005535	.0011637	.0006358	.0018100	.0005386	.0038629
%RSD	.6919061	.3078227	.1468901	.6681302	.3389992	.3665092	.9071182

#1	1.541038	1.797682	.7933159	.0944536	.5346188	.1475499	.4282913
#2	1.521312	1.803769	.7909918	.0956759	.5353095	.1464915	.4213863
#3	1.537948	1.792718	.7922607	.0953687	.5318867	.1468472	.4278398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3987789	.0611966	.2996542	.1213599	.0648693	.0676775	.6701396
Stddev	.0019963	.0009087	.0003679	.0004972	.0011552	.0003411	.0062279
%RSD	.5006058	1.484805	.1227686	.4097237	1.780852	.5040499	.9293486

#1	.4010575	.0618201	.2993261	.1211396	.0661953	.0680685	.6633113
#2	.3973379	.0601541	.3000519	.1219293	.0643325	.0674408	.6755078
#3	.3979411	.0616157	.2995845	.1210109	.0640802	.0675232	.6715997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2721110	-.000758	-.002457	.0008495	.0000066	.0077761	.0001978
Stddev	.0013517	.000221	.000424	.0001553	.0000519	.0003010	.0001976
%RSD	.4967488	29.10379	17.24227	18.28061	791.8649	3.871196	99.89773

#1	.2736714	-.000550	-.001996	.0008980	-.000049	.0074943	.0002380
#2	.2713615	-.000735	-.002548	.0009747	.000053	.0080932	-.000017
#3	.2713001	-.000989	-.002828	.0006757	.000016	.0077407	.000372

Sample Name: ICV Acquired: 12/04/2020 16:21:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0005752	.0110980	.0181007
Stddev	.0004788	.0019572	.0006333
%RSD	83.24480	17.63611	3.498843

#1	.0000593	.0101015	.0186325
#2	.0006611	.0098395	.0182697
#3	.0010053	.0133530	.0174001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.664	25705.77	6793.722	830.7214	1692.548
Stddev	2.001	93.51	60.233	1.3797	5.752
%RSD	.1373427	.3637811	.8865932	.1660803	.3398358

#1	1454.358	25798.33	6744.922	831.5387	1689.677
#2	1457.938	25707.63	6861.040	829.1285	1688.798
#3	1457.696	25611.34	6775.205	831.4970	1699.171

Sample Name: ICB Acquired: 12/04/2020 16:25:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000513	-.001194	.0012473	.0008434	.0009754	.0021988	-.015144
Stddev	.000144	.000057	.0004067	.0000565	.0001086	.0006044	.002226
%RSD	28.06070	4.747939	32.61129	6.696594	11.13567	27.48987	14.69714
#1	-.000370	-.001232	.0007779	.0008887	.0010895	.0019194	-.017627
#2	-.000511	-.001129	.0014978	.0007801	.0009633	.0028924	-.013327
#3	-.000658	-.001221	.0014660	.0008614	.0008733	.0017846	-.014479
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.002076	-.000063	.0019199	-.000023	.0002149	.0020753	.0002807
Stddev	.000086	.000497	.0007249	.000047	.0002874	.0005290	.0003525
%RSD	4.162240	789.2647	37.75685	205.4745	133.7100	25.48937	125.5792
#1	-.002163	-.000063	.0016175	-.000034	.0004156	.0026069	.0004613
#2	-.002073	-.000560	.0027471	.000029	-.000114	.0015490	.0005062
#3	-.001990	.000434	.0013952	-.000063	.000344	.0020700	-.000125
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004221	-.000311	-.001986	-.000643	-.000052	-.000018	.0001236
Stddev	.0002961	.000122	.000403	.000075	.001686	.000310	.0004884
%RSD	70.13212	39.11770	20.31813	11.61792	3219.140	1742.069	395.3272
#1	.0001513	-.000393	-.001523	-.000647	-.001985	-.000358	.0000606
#2	.0003769	-.000369	-.002166	-.000566	.001116	.000247	-.000330
#3	.0007382	-.000171	-.002267	-.000716	.000712	.000057	.000640
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0262325	-.001008	.0038826	.0003573	.0000425	.0067375	.0002260
Stddev	.0016235	.000059	.0002562	.0002538	.0001227	.0002777	.0001787
%RSD	6.188785	5.822908	6.599072	71.01731	288.9515	4.120973	79.07479
#1	.0246240	-.000950	.0039593	.0006390	.0000256	.0065595	.0001475
#2	.0262029	-.001067	.0040917	.0002866	-.000071	.0065956	.0000999
#3	.0278705	-.001006	.0035968	.0001465	.000173	.0070574	.0004304

Sample Name: ICB Acquired: 12/04/2020 16:25:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0005686	.0107407	-.000946
Stddev	.0001885	.0007367	.000593
%RSD	33.14731	6.858931	62.62453

#1	.0007861	.0112706	-.000923
#2	.0004656	.0110521	-.000366
#3	.0004540	.0098994	-.001550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.167	25535.11	6771.020	825.7114	1693.645
Stddev	1.117	84.25	4.680	6.3524	3.430
%RSD	.0765940	.3299406	.0691213	.7693271	.2025394

#1	1458.915	25579.93	6774.292	824.9775	1692.276
#2	1456.883	25587.49	6765.659	832.3989	1691.110
#3	1458.703	25437.93	6773.108	819.7578	1697.548

Sample Name: ICSA Acquired: 12/04/2020 16:29:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000313	-.001044	-.000801	.0003434	.0011539	24.11487	.0031886
Stddev	.000169	.000372	.000091	.0002620	.0004785	.08164	.0013503
%RSD	54.09247	35.57918	11.35400	76.31119	41.46270	.3385436	42.34769

#1	-.000253	-.001267	-.000757	.0000670	.0008024	24.03679	.0024606
#2	-.000182	-.001251	-.000739	.0005881	.0009606	24.19966	.0047468
#3	-.000504	-.000615	-.000905	.0003750	.0016988	24.10817	.0023586

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0009226	.0072065	19.02927	.0100922	-.002209	.0005053	3.969676
Stddev	.0001899	.0001583	.02975	.0000884	.000432	.0001986	.019972
%RSD	20.58134	2.196748	.1563425	.8755982	19.57863	39.29809	.5031241

#1	.0008307	.0073303	18.99525	.0101837	-.001779	.0004059	3.952423
#2	.0007961	.0070281	19.05040	.0100857	-.002644	.0007339	3.991556
#3	.0011409	.0072612	19.04217	.0100073	-.002204	.0003761	3.965050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0115094	2.614723	-.002176	-.003106	.0002740	-.000075	.0067103
Stddev	.0002525	.016802	.000374	.000228	.0007120	.000087	.0007833
%RSD	2.194014	.6425980	17.18852	7.328608	259.8225	115.3231	11.67239

#1	.0117794	2.597479	-.002561	-.002885	-.000419	-.000170	.0071070
#2	.0112791	2.631045	-.002150	-.003339	.001004	-.000058	.0058081
#3	.0114695	2.615643	-.001815	-.003094	.000237	.000002	.0072159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0329834	-.000308	-.082563	.0005508	.0000057	.0061896	-.000141
Stddev	.0010243	.000293	.001041	.0000418	.0002413	.0002977	.000337
%RSD	3.105614	95.04310	1.260266	7.589977	4256.124	4.809701	239.2776

#1	.0341592	-.000644	-.081934	.0005957	.0000274	.0063391	-.000376
#2	.0322838	-.000170	-.083764	.0005130	-.000246	.0058467	-.000292
#3	.0325073	-.000110	-.081992	.0005436	.000235	.0063828	.000245

Sample Name: ICSA Acquired: 12/04/2020 16:29:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.000439	.0171932	1.503567
Stddev	.000502	.0017511	.004165
%RSD	114.4785	10.18486	.2770088

#1	.000087	.0165696	1.498875
#2	-.000914	.0191707	1.506830
#3	-.000489	.0158392	1.504994

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1352.682	24248.02	6629.929	768.8687	1465.768
Stddev	8.080	74.49	2.098	3.3797	6.763
%RSD	.5973212	.3071966	.0316471	.4395703	.4613907

#1	1343.900	24175.49	6628.086	766.8530	1459.502
#2	1354.346	24324.33	6632.212	772.7705	1464.867
#3	1359.800	24244.25	6629.487	766.9825	1472.937

Sample Name: ICSAB Acquired: 12/04/2020 16:33:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0038500	.0037003	.0132148	.0033848	.0761133	24.01045	1.800660
Stddev	.0002653	.0004757	.0004378	.0001230	.0009087	.25764	.016876
%RSD	6.890509	12.85637	3.313325	3.634740	1.193890	1.073034	.9371913

#1	.0036630	.0037947	.0130482	.0034974	.0764234	24.12588	1.810533
#2	.0037335	.0041217	.0137115	.0034033	.0768264	23.71527	1.781175
#3	.0041537	.0031844	.0128848	.0032535	.0750902	24.19018	1.810273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.463504	3.506497	18.99193	.1002214	.5247151	.1374426	3.963548
Stddev	.019038	.002794	.19146	.0002104	.0003396	.0010317	.058123
%RSD	1.300860	.0796806	1.008137	.2099250	.0647213	.7506084	1.466436

#1	1.465611	3.508024	19.04396	.0999946	.5243248	.1382747	3.988219
#2	1.443500	3.503272	18.77983	.1002593	.5249437	.1362883	3.897159
#3	1.481401	3.508195	19.15201	.1004102	.5248766	.1377649	4.005265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3866454	2.609749	.5804981	.0988313	.0021572	.0646656	.6895352
Stddev	.0042453	.034496	.0009170	.0003445	.0014228	.0011579	.0018264
%RSD	1.097975	1.321794	.1579770	.3485301	65.95640	1.790541	.2648701

#1	.3868576	2.620995	.5815409	.0991993	.0006375	.0654925	.6889814
#2	.3822980	2.571034	.5801366	.0987780	.0034577	.0633423	.6880499
#3	.3907806	2.637217	.5798170	.0985166	.0023763	.0651621	.6915744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0177588	-.000375	-.082346	.0008180	.0001052	.0057401	-.000584
Stddev	.0007564	.000462	.000890	.0002272	.0002598	.0005259	.000304
%RSD	4.259118	123.1590	1.081028	27.77696	247.0909	9.162201	52.08852

#1	.0172707	-.000505	-.082128	.0007416	-.000177	.0051715	-.000428
#2	.0173755	.000138	-.081585	.0006389	.000159	.0058396	-.000934
#3	.0186300	-.000759	-.083325	.0010736	.000334	.0062091	-.000389

Sample Name: ICSAB Acquired: 12/04/2020 16:33:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	-.000928	.0132531	1.496322
Stddev	.000227	.0005798	.018262
%RSD	24.46474	4.374724	1.220490

#1	-.001182	.0130451	1.504485
#2	-.000745	.0128061	1.475402
#3	-.000857	.0139082	1.509080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.641	24388.25	6701.441	774.5262	1486.423
Stddev	4.538	137.07	68.423	2.1542	2.817
%RSD	.3317904	.5620472	1.021019	.2781365	.1895341

#1	1362.583	24536.60	6698.869	772.9054	1483.712
#2	1371.354	24266.30	6771.114	776.9708	1489.336
#3	1368.985	24361.84	6634.340	773.7025	1486.220

Sample Name: CCV082 Acquired: 12/04/2020 16:37:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2130294	.2702982	6.787843	.3034533	.6588476	39.89167	35.20562
Stddev	.0015572	.0008225	.005421	.0011477	.0017416	.42925	.17303
%RSD	.7309837	.3042848	.0798577	.3782271	.2643368	1.076039	.4914906
#1	.2140320	.2710752	6.793288	.3045575	.6579639	39.99883	35.03094
#2	.2112354	.2694368	6.787794	.3022665	.6577250	39.41900	35.20897
#3	.2138208	.2703828	6.782447	.3035360	.6608539	40.25719	35.37696
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.412834	8.709834	31.03705	2.594710	2.622929	4.024425	16.30355
Stddev	.008625	.011737	.10163	.003866	.003718	.008881	.04298
%RSD	.6104791	.1347537	.3274436	.1489818	.1417419	.2206689	.2636415
#1	1.405313	8.721152	30.94800	2.591867	2.625975	4.029244	16.29289
#2	1.410941	8.710631	31.01537	2.599111	2.624026	4.014176	16.26690
#3	1.422249	8.697719	31.14776	2.593151	2.618786	4.029854	16.35086
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.38011	4.406217	1.436482	.6289289	2.858201	.3084256	10.91550
Stddev	.05634	.023432	.002959	.0015689	.003221	.0017552	.08311
%RSD	.4950539	.5318016	.2059898	.2494522	.1127045	.5690663	.7613905
#1	11.35755	4.405390	1.439405	.6279266	2.861649	.3084719	11.00693
#2	11.33854	4.383209	1.436554	.6307369	2.855268	.3066478	10.84453
#3	11.44422	4.430051	1.433488	.6281231	2.857688	.3101572	10.89506
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.071246	.2682417	1.346017	2.610389	.1977508	1.575177	.4363411
Stddev	.008955	.0004860	.011506	.006533	.0003997	.010795	.0007499
%RSD	.2199608	.1811713	.8547871	.2502569	.2021499	.6853304	.1718622
#1	4.070799	.2687997	1.343540	2.607479	.1975039	1.569053	.4371605
#2	4.062522	.2680142	1.335952	2.605817	.1982120	1.568837	.4356889
#3	4.080416	.2679112	1.358560	2.617871	.1975365	1.587642	.4361739

Sample Name: CCV082 Acquired: 12/04/2020 16:37:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	3.343005	6.794935	73.70222
Stddev	.010105	.005880	.27339
%RSD	.3022733	.0865338	.3709407

#1	3.338652	6.801319	74.00342
#2	3.335807	6.789741	73.46975
#3	3.354557	6.793746	73.63348

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1238.087	23533.90	6491.831	690.5639	1329.975
Stddev	2.711	66.01	30.052	4.8880	3.494
%RSD	.2189593	.2804930	.4629225	.7078330	.2627006

#1	1236.476	23465.61	6504.148	685.0398	1325.995
#2	1241.217	23538.71	6513.768	694.3291	1331.396
#3	1236.568	23597.37	6457.577	692.3229	1332.534

Sample Name: CCB082 Acquired: 12/04/2020 16:41:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000514	-.001229	.0017598	.0011438	.0009048	.0027627	-.013294
Stddev	.000075	.000169	.0005695	.0003559	.0003185	.0005759	.000821
%RSD	14.67430	13.75368	32.36216	31.11965	35.19580	20.84492	6.172704

#1	-.000513	-.001348	.0021834	.0015519	.0012722	.0032514	-.012839
#2	-.000589	-.001035	.0019837	.0009822	.0007065	.0021278	-.012801
#3	-.000438	-.001304	.0011124	.0008973	.0007358	.0029090	-.014241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.002252	-.000361	.0020321	.0000076	-.000187	.0021390	.0002880
Stddev	.000188	.000212	.0006890	.0000408	.000298	.0002017	.0001341
%RSD	8.341875	58.67641	33.90444	540.2125	159.3356	9.427167	46.56000

#1	-.002468	-.000119	.0014863	.0000524	-.000519	.0019698	.0004426
#2	-.002160	-.000512	.0028063	-.000027	-.000096	.0020851	.0002024
#3	-.002128	-.000451	.0018038	-.000002	.000055	.0023621	.0002191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0006427	-.000149	-.001926	-.000756	-.001866	-.000328	-.000185
Stddev	.0000359	.000151	.000138	.000099	.001690	.000420	.000769
%RSD	5.583149	101.5062	7.175155	13.08436	90.57324	128.0938	415.8863

#1	.0006789	.000024	-.002085	-.000849	-.000506	-.000672	.000275
#2	.0006071	-.000253	-.001837	-.000767	-.003759	.000140	-.001073
#3	.0006423	-.000219	-.001856	-.000652	-.001334	-.000453	.000243

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0400665	-.000715	.0071742	.0010542	.0001657	.0076120	.0004320
Stddev	.0008150	.000335	.0001314	.0000322	.0001315	.0001524	.0001076
%RSD	2.034074	46.82575	1.831944	3.052116	79.39351	2.002526	24.90606

#1	.0391786	-.000736	.0073256	.0010659	.0000139	.0074675	.0004742
#2	.0402403	-.001038	.0070897	.0010789	.0002372	.0077713	.0005121
#3	.0407805	-.000370	.0071072	.0010178	.0002459	.0075971	.0003097

Sample Name: CCB082 Acquired: 12/04/2020 16:41:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0010421	.0141924	-.001013
Stddev	.0004087	.0007016	.000783
%RSD	39.22073	4.943420	77.29107

#1	.0015040	.0139897	-.000619
#2	.0007270	.0136145	-.000506
#3	.0008954	.0149731	-.001916

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.795	25311.64	6651.229	818.6903	1687.083
Stddev	15.684	149.18	29.875	3.4401	18.649
%RSD	1.079591	.5893629	.4491664	.4201958	1.105372

#1	1445.370	25349.40	6665.627	818.3964	1681.700
#2	1442.202	25147.22	6671.179	815.4066	1671.717
#3	1470.813	25438.32	6616.882	822.2679	1707.830

Sample Name: PB133201BL Acquired: 12/04/2020 16:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: PBW201 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.000549	-.001126	.0011179	.0007746	.0007546	.0021771	-.014040
Stddev	.000258	.000211	.0004771	.0000880	.0002855	.0002786	.001557
%RSD	47.06124	18.75566	42.68051	11.36587	37.83530	12.79476	11.09047
#1	-.000252	-.001063	.0010643	.0007460	.0009026	.0020296	-.015295
#2	-.000679	-.001362	.0006698	.0007044	.0004255	.0024984	-.014528
#3	-.000717	-.000954	.0016195	.0008734	.0009357	.0020033	-.012297
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.002547	-.000293	.0019081	.0000073	-.000564	.0025713	.0002280
Stddev	.000355	.000585	.0004107	.0001577	.000218	.0002047	.0002785
%RSD	13.95468	199.3472	21.52266	2145.015	38.62171	7.959780	122.1557
#1	-.002315	-.000633	.0023039	.0000558	-.000716	.0027149	-.000067
#2	-.002957	.000382	.0014840	-.000169	-.000314	.0023370	.000265
#3	-.002370	-.000630	.0019365	.000135	-.000661	.0026620	.000487
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005086	-.000253	-.002078	-.000752	-.001166	-.000029	.0003108
Stddev	.0001221	.000214	.000201	.000097	.001825	.000123	.0013507
%RSD	24.01549	84.71220	9.654504	12.95749	156.4999	423.5441	434.5404
#1	.0005842	-.000006	-.002294	-.000764	-.002348	-.000131	.0010431
#2	.0005738	-.000385	-.002041	-.000843	-.002087	.000108	-.001248
#3	.0003677	-.000368	-.001898	-.000650	.000936	-.000064	.001137
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0376379	-.000932	.0032360	.0004615	-.000124	.0067989	.0002884
Stddev	.0008704	.000192	.0001397	.0000388	.000312	.0002450	.0000632
%RSD	2.312551	20.59430	4.316359	8.413920	251.9815	3.603711	21.91253
#1	.0381358	-.001140	.0031726	.0004429	.000169	.0065676	.0002166
#2	.0366329	-.000762	.0031392	.0004356	-.000452	.0067736	.0003353
#3	.0381450	-.000895	.0033961	.0005062	-.000088	.0070557	.0003134

Sample Name: PB133201BL Acquired: 12/04/2020 16:50:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1338) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW201 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S
Avg	.0010449	.0092963	-.001212
Stddev	.0005828	.0016978	.000360
%RSD	55.77775	18.26335	29.72967

#1	.0013545	.0101885	-.001459
#2	.0003726	.0103621	-.001379
#3	.0014075	.0073384	-.000798

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.266	25298.50	6719.865	816.5449	1686.855
Stddev	13.968	179.86	11.144	4.2707	15.690
%RSD	.9611160	.7109458	.1658431	.5230196	.9301049

#1	1447.438	25192.90	6718.356	814.8539	1680.552
#2	1443.157	25506.17	6709.552	821.4022	1675.297
#3	1469.204	25196.42	6731.688	813.3786	1704.716

Sample Name: L4823-01 Acquired: 12/04/2020 17:21:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X2Q49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567765	.0553005	.0391534	.0805748	.0980470	.8577889	.4563853
Stddev	.0068701	.0009933	.0012463	.0049182	.0023577	.0091098	.0007879
%RSD	12.10025	1.796252	3.183175	6.103962	2.404660	1.062005	.1726298

#1	.0510946	.0550564	.0404889	.0837415	.0957276	.8479427	.4572122
#2	.0548230	.0544520	.0389499	.0749087	.0979721	.8595065	.4556434
#3	.0644117	.0563932	.0380213	.0830740	.1004412	.8659177	.4563002

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154952	.0100396	7.947372	.0412382	.0579112	.1837428	1.949570
Stddev	.0001228	.0000394	.019339	.0002229	.0004634	.0000687	.019329
%RSD	.7927864	.3920279	.2433356	.5406110	.8001898	.0373802	.9914735

#1	.0155949	.0100438	7.966473	.0413755	.0584061	.1837581	1.927576
#2	.0153580	.0099983	7.947840	.0409810	.0574875	.1838026	1.963858
#3	.0155329	.0100766	7.927804	.0413582	.0578400	.1836678	1.957276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591296	10.13586	.1097569	.0490218	9.708872	.3597475	.2143553
Stddev	.0002792	.11903	.0003602	.0004283	.169632	.0013240	.0008601
%RSD	.4721710	1.174354	.3281478	.8737326	1.747181	.3680231	.4012337

#1	.0592020	9.99926	.1096628	.0485480	9.800428	.3582196	.2139799
#2	.0588214	10.19098	.1094531	.0491357	9.513133	.3605574	.2153392
#3	.0593655	10.21734	.1101548	.0493816	9.813053	.3604654	.2137467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.838717	.0009906	-.005803	-.000118	.0042162	.0004791	-.001926
Stddev	.050907	.0013752	.000410	.000394	.0021071	.0006794	.000406
%RSD	.5759506	138.8306	7.064292	334.2894	49.97560	141.8078	21.09576

#1	8.779979	-.000234	-.005605	-.000511	.0066492	.0009999	-.002237
#2	8.866124	.002478	-.005529	.000276	.0030016	-.000289	-.002075
#3	8.870049	.000728	-.006274	-.000119	.0029977	.000727	-.001466

Sample Name: L4823-01 Acquired: 12/04/2020 17:21:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X2Q49 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001350	.0014685	.0032658
Stddev	.0002713	.0009432	.0000668
%RSD	200.9661	64.22782	2.045815

#1	-.000135	.0012774	.0033411
#2	.000407	.0024926	.0032428
#3	.000133	.0006355	.0032135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.659	25231.07	6713.191	813.9900	1667.454
Stddev	5.950	101.45	18.453	5.7176	5.583
%RSD	.4147297	.4020654	.2748812	.7024139	.3348362

#1	1428.138	25130.85	6723.407	808.9973	1661.121
#2	1439.792	25228.67	6691.889	812.7452	1669.576
#3	1436.047	25333.69	6724.277	820.2274	1671.666

Sample Name: L4823-02 Acquired: 12/04/2020 17:28:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X2Q49D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0552287	.0584382	.0382532	.0812173	.0974092	.8652952	.4599616
Stddev	.0051234	.0039363	.0007868	.0042691	.0043235	.0244498	.0080103
%RSD	9.276674	6.735906	2.056747	5.256343	4.438477	2.825597	1.741524

#1	.0535353	.0573804	.0390772	.0827897	.0964779	.8855114	.4692024
#2	.0609844	.0551388	.0381725	.0844772	.1021225	.8722538	.4549922
#3	.0511664	.0627953	.0375099	.0763850	.0936273	.8381205	.4556903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157546	.0100690	8.011219	.0407136	.0576470	.1844373	1.965776
Stddev	.0001958	.0000627	.128048	.0003130	.0004862	.0046432	.039394
%RSD	1.242605	.6229834	1.598365	.7688614	.8433336	2.517482	2.004016

#1	.0159658	.0101107	8.155944	.0405727	.0572312	.1897921	2.010958
#2	.0157187	.0100993	7.912637	.0404957	.0575282	.1815277	1.947748
#3	.0155792	.0099968	7.965076	.0410723	.0581815	.1819921	1.938621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0593559	10.20913	.1094837	.0491224	9.860570	.3606478	.2142973
Stddev	.0015480	.22155	.0004298	.0006032	.039054	.0052752	.0041964
%RSD	2.607951	2.170078	.3926098	1.227935	.3960648	1.462688	1.958208

#1	.0611410	10.45869	.1092835	.0486658	9.824204	.3667389	.2134063
#2	.0585423	10.13305	.1091905	.0498062	9.855657	.3576371	.2188677
#3	.0583844	10.03565	.1099772	.0488952	9.901848	.3575674	.2106180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.881585	.0018127	-.005502	.0000304	.0061514	.0005499	-.000929
Stddev	.231234	.0002649	.000609	.0002210	.0011932	.0012364	.000786
%RSD	2.603520	14.61147	11.07283	726.2013	19.39766	224.8317	84.61507

#1	9.147351	.0015438	-.006069	.0002609	.0048558	.0017953	-.001041
#2	8.770955	.0018209	-.005579	.0000100	.0063930	.0005318	-.000093
#3	8.726448	.0020733	-.004858	-.000180	.0072053	-.000677	-.001654

Sample Name: L4823-02 Acquired: 12/04/2020 17:28:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X2Q49D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000496	.0018546	.0033238
Stddev	.000089	.0007001	.0000881
%RSD	17.95146	37.75144	2.650318

#1	-.000579	.0018489	.0034149
#2	-.000508	.0025576	.0033173
#3	-.000402	.0011574	.0032391

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1431.518	25180.47	6621.872	807.1109	1661.666
Stddev	4.726	30.02	123.958	4.3187	4.046
%RSD	.3301292	.1192314	1.871946	.5350841	.2434989

#1	1426.066	25166.69	6478.741	803.5624	1657.317
#2	1434.442	25214.91	6694.205	811.9195	1662.363
#3	1434.046	25159.82	6692.671	805.8507	1665.319

Sample Name: PB133201BS Acquired: 12/04/2020 17:32:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS201 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189658	.0565271	.0242882	.0745460	.1305947	.4516487	.3723639
Stddev	.0034059	.0028694	.0015470	.0013869	.0033991	.0026993	.0150519
%RSD	17.95813	5.076144	6.369426	1.860466	2.602770	.5976516	4.042250

#1	.0201722	.0593545	.0233246	.0759044	.1266900	.4536736	.3873387
#2	.0216044	.0566092	.0260726	.0731322	.1322025	.4485842	.3725170
#3	.0151209	.0536175	.0234673	.0746015	.1328915	.4526882	.3572361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114202	.0108678	11.18054	.0230015	.1060853	.0563702	.2496956
Stddev	.0002234	.0001717	.03704	.0002154	.0008626	.0005467	.0066096
%RSD	1.956461	1.580306	.3312879	.9366148	.8130707	.9698615	2.647062

#1	.0113499	.0109315	11.21971	.0231621	.1052124	.0560666	.2433464
#2	.0112403	.0109987	11.17583	.0227567	.1069371	.0560426	.2492026
#3	.0116703	.0106733	11.14608	.0230859	.1061066	.0570013	.2565379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0350470	10.95987	.0905080	.0215203	11.11042	.1144395	.1406012
Stddev	.0000420	.20032	.0014457	.0003359	.20209	.0006512	.0039905
%RSD	.1198549	1.827760	1.597279	1.560622	1.818884	.5690457	2.838159

#1	.0350545	10.72898	.0888700	.0215203	11.24714	.1147440	.1392996
#2	.0350848	11.06318	.0910482	.0211845	10.87829	.1136918	.1450800
#3	.0350018	11.08744	.0916057	.0218562	11.20581	.1148827	.1374240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.83709	.0239861	.0169414	.0224414	.1786206	.2208293	.0141546
Stddev	.07334	.0035703	.0014252	.0006055	.0058234	.0024296	.0013162
%RSD	.6767277	14.88506	8.412647	2.698220	3.260203	1.100236	9.298934

#1	10.82226	.0255266	.0165222	.0221467	.1849602	.2197020	.0133086
#2	10.91671	.0199041	.0157728	.0231378	.1773921	.2191680	.0156711
#3	10.77230	.0265275	.0185292	.0220396	.1735095	.2236178	.0134842

Sample Name: PB133201BS Acquired: 12/04/2020 17:32:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS201 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2220934	.1036268	.2268674
Stddev	.0017654	.0003155	.0002022
%RSD	.7948800	.3044371	.0891165

#1	.2200798	.1033505	.2266510
#2	.2233753	.1035594	.2270515
#3	.2228251	.1039706	.2268996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.455	25238.66	6712.748	813.0779	1676.281
Stddev	6.222	35.70	57.013	3.5214	9.232
%RSD	.4325650	.1414389	.8493209	.4330912	.5507293

#1	1445.635	25238.84	6778.506	815.0008	1686.806
#2	1435.095	25202.87	6677.146	809.0138	1669.558
#3	1434.635	25274.26	6682.593	815.2192	1672.477

Sample Name: L4823-03 Acquired: 12/04/2020 17:39:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X2Q49S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0914524	.1090761	.0573271	.1796585	.1929883	2.777016	2.544007
Stddev	.0048531	.0020917	.0010848	.0005812	.0018824	.012535	.005919
%RSD	5.306705	1.917634	1.892245	.3235315	.9753688	.4513662	.2326816

#1	.0874634	.1085592	.0563188	.1801497	.1947470	2.785917	2.542337
#2	.0968555	.1113778	.0571878	.1790168	.1910029	2.762681	2.550583
#3	.0900382	.1072914	.0584749	.1798091	.1932148	2.782449	2.539103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682435	.0606378	7.820670	.2502653	.5592775	.4435622	2.989198
Stddev	.0003192	.0002155	.040786	.0006518	.0025054	.0016869	.011735
%RSD	.4676722	.3553276	.5215212	.2604293	.4479717	.3803095	.3925795

#1	.0686120	.0608687	7.780482	.2501582	.5621470	.4431684	3.001473
#2	.0680524	.0606026	7.862030	.2509640	.5581611	.4454111	2.978090
#3	.0680662	.0604421	7.819498	.2496738	.5575243	.4421070	2.988030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5729834	9.914310	.6186924	.0972565	9.641866	.8836654	.7372887
Stddev	.0004464	.076184	.0009248	.0004514	.183495	.0014712	.0052799
%RSD	.0779027	.7684284	.1494840	.4641647	1.903102	.1664897	.7161203

#1	.5732954	9.990111	.6197255	.0971771	9.693563	.8847834	.7321260
#2	.5724721	9.837748	.6179417	.0977424	9.793966	.8819987	.7426784
#3	.5731827	9.915070	.6184100	.0968501	9.438068	.8842141	.7370617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.605012	.0042128	-.007552	-.000556	.0061009	.0002637	-.002297
Stddev	.023024	.0013402	.000518	.000180	.0031870	.0012107	.000045
%RSD	.2675674	31.81291	6.861331	32.28528	52.23822	459.1200	1.950105

#1	8.596583	.0026721	-.007689	-.000390	.0026438	.0010387	-.002348
#2	8.631063	.0051086	-.007988	-.000533	.0067372	-.001131	-.002262
#3	8.587390	.0048578	-.006979	-.000747	.0089218	.000884	-.002282

Sample Name: L4823-03 Acquired: 12/04/2020 17:39:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X2Q49S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000467	.0011508	.0033083
Stddev	.000090	.0013690	.0000558
%RSD	19.22316	118.9581	1.687068

#1	-.000385	.0010095	.0033099
#2	-.000563	-.000142	.0033633
#3	-.000453	.002585	.0032517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1431.592	25169.79	6681.221	809.8359	1664.472
Stddev	3.451	42.22	13.420	3.5199	5.670
%RSD	.2410640	.1677340	.2008653	.4346423	.3406730

#1	1428.681	25137.65	6669.154	813.8553	1658.237
#2	1430.691	25154.12	6678.835	807.3039	1665.860
#3	1435.405	25217.60	6695.674	808.3483	1669.320

Sample Name: L4823-01LX5 Acquired: 12/04/2020 17:43:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: X2Q49L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099721	.0106819	.0074484	.0127088	.0170398	.1727651	.0895549
Stddev	.0015670	.0022153	.0007906	.0044141	.0014982	.0112194	.0003479
%RSD	15.71362	20.73841	10.61365	34.73231	8.792302	6.494034	.3884712

#1	.0117720	.0132294	.0082661	.0080458	.0184487	.1844842	.0897062
#2	.0089118	.0092073	.0073910	.0168225	.0172049	.1621231	.0898015
#3	.0092324	.0096091	.0066881	.0132581	.0154659	.1716879	.0891570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029634	.0019442	1.549314	.0070395	.0110011	.0363564	.3904356
Stddev	.0001652	.0000380	.005168	.0000961	.0002853	.0004386	.0034386
%RSD	5.573572	1.952517	.3335603	1.364709	2.593664	1.206445	.8807198

#1	.0030511	.0019143	1.554383	.0069561	.0110005	.0360077	.3873709
#2	.0027729	.0019313	1.549507	.0070179	.0112866	.0362126	.3897815
#3	.0030662	.0019869	1.544053	.0071446	.0107160	.0368488	.3941543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116724	2.020520	.0210500	.0091811	1.685621	.0700650	.0414128
Stddev	.0004730	.055295	.0002566	.0004653	.236353	.0037274	.0018189
%RSD	4.052540	2.736682	1.219077	5.067457	14.02169	5.319904	4.392206

#1	.0117210	1.987954	.0211712	.0086825	1.896729	.0667530	.0400378
#2	.0121193	2.084365	.0212236	.0092571	1.430275	.0741015	.0407253
#3	.0111770	1.989240	.0207553	.0096036	1.729860	.0693406	.0434753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.089075	.0007200	-.006461	-.000334	.0036696	-.000631	-.001004
Stddev	.036688	.0056561	.000646	.000302	.0006871	.000271	.001964
%RSD	1.756201	785.6135	9.998506	90.23964	18.72331	42.93456	195.6172

#1	2.090455	.0010687	-.006861	-.000385	.0039125	-.000345	-.000438
#2	2.125053	.0061936	-.006807	-.000011	.0042022	-.000884	.000615
#3	2.051716	-.005102	-.005716	-.000608	.0028941	-.000664	-.003190

Sample Name: L4823-01LX5 Acquired: 12/04/2020 17:43:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: X2Q49L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000167	.0016089	.0006008
Stddev	.000153	.0009414	.0000500
%RSD	91.24492	58.51295	8.323125

#1	-.000334	.0022327	.0005625
#2	-.000033	.0005260	.0006573
#3	-.000135	.0020681	.0005825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1439.122	25372.80	6679.449	822.3710	1684.499
Stddev	7.126	172.21	12.042	5.9754	7.779
%RSD	.4951601	.6787011	.1802860	.7266103	.4618165

#1	1432.164	25216.16	6667.992	819.6323	1678.027
#2	1446.405	25345.03	6678.352	818.2559	1693.130
#3	1438.796	25557.20	6692.002	829.2250	1682.340

Sample Name: PB133380BL Acquired: 12/04/2020 17:51:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW380 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002825	.0059419	-.002004	-.006673	-.001498	.0090775	.0021150
Stddev	.004425	.0005609	.001039	.004329	.002306	.0055412	.0009533
%RSD	156.6542	9.439388	51.83560	64.87265	153.9480	61.04353	45.07234

#1	.001948	.0065756	-.001046	-.006608	.000649	.0133579	.0013868
#2	-.006792	.0055094	-.003108	-.011034	-.003936	.0110560	.0031940
#3	-.003632	.0057405	-.001858	-.002377	-.001207	.0028186	.0017643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000731	.0000067	.0269134	-.000339	-.000002	-.001209	.0039346
Stddev	.0000965	.0000127	.0103180	.000472	.000247	.001008	.0040722
%RSD	132.1149	188.1027	38.33775	139.2239	10845.95	83.35432	103.4977

#1	.0000838	-.000002	.0286641	.000091	.000262	-.000097	-.000019
#2	-.000028	.000021	.0362441	-.000265	-.000042	-.001468	.008116
#3	.000164	.000001	.0158321	-.000843	-.000227	-.002063	.003707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049295	.0208151	.0005982	-.000564	.0686455	-.000355	.0008493
Stddev	.0001682	.0147460	.0002034	.000112	.1136538	.001213	.0016239
%RSD	3.411402	70.84277	34.00051	19.78988	165.5663	341.5507	191.2158

#1	.0047756	.0207046	.0008299	-.000553	.1548483	-.000695	.0004725
#2	.0049038	.0356161	.0005153	-.000681	-.060153	-.001362	.0026285
#3	.0051090	.0061247	.0004493	-.000459	.111241	.000992	-.000553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.826095	.0017861	-.006341	-.000701	.0111729	-.001348	-.001953
Stddev	.022163	.0022804	.000387	.000128	.0025396	.000316	.000719
%RSD	2.682806	127.6760	6.100355	18.23256	22.73022	23.42096	36.79054

#1	-.811629	.0033216	-.006303	-.000556	.0093463	-.001150	-.002692
#2	-.851610	-.000834	-.006746	-.000748	.0140730	-.001182	-.001256
#3	-.815046	.002871	-.005975	-.000798	.0100993	-.001712	-.001912

Sample Name: PB133380BL Acquired: 12/04/2020 17:51:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW380 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001720	-.000552	.0002199
Stddev	.0003659	.000495	.0000214
%RSD	212.7667	89.56762	9.725760

#1	.0003260	-.000139	.0002047
#2	.0004357	-.000418	.0002444
#3	-.000246	-.001101	.0002107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1537.634	26857.85	7048.745	873.0325	1777.508
Stddev	4.149	57.76	33.048	2.4535	4.242
%RSD	.2698156	.2150431	.4688544	.2810340	.2386761

#1	1542.408	26881.15	7025.225	873.2327	1782.029
#2	1535.597	26900.32	7034.480	870.4851	1776.880
#3	1534.898	26792.09	7086.530	875.3798	1773.614

Sample Name: L4923-03 Acquired: 12/04/2020 18:04:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLAQ4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002696	.0028537	.0019142	-.008121	-.002267	.7549453	.0098762
Stddev	.006165	.0020825	.0016730	.002681	.002095	.0091659	.0006500
%RSD	228.6661	72.97641	87.39930	33.00753	92.40950	1.214120	6.581286

#1	.003808	.0051421	.0009503	-.005418	-.001553	.7455120	.0105406
#2	-.003442	.0010699	.0009463	-.010779	-.004626	.7555058	.0092417
#3	-.008453	.0023490	.0038460	-.008167	-.000622	.7638182	.0098463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000684	-.000041	6.867730	.0002918	-.000164	.0010712	.7369812
Stddev	.0000374	.000086	.007398	.0002835	.000084	.0013253	.0057538
%RSD	54.73951	212.7032	.1077176	97.15014	51.21508	123.7272	.7807228

#1	.0000802	-.000117	6.875599	.0004095	-.000229	-.000418	.7346665
#2	.0000984	-.000057	6.860916	.0004975	-.000196	.001509	.7327453
#3	.0000265	.000053	6.866676	-.000032	-.000069	.002122	.7435318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267275	1.585871	.0006136	.0000036	3.668119	.0008866	.0018507
Stddev	.0005149	.018072	.0004783	.0003936	.100451	.0023515	.0032494
%RSD	1.926583	1.139585	77.94448	10914.66	2.738501	265.2390	175.5764

#1	.0261331	1.578601	.0005905	-.000286	3.570482	-.001790	-.001890
#2	.0270391	1.572566	.0011030	.000452	3.662710	.001831	.003470
#3	.0270101	1.606446	.0001473	-.000155	3.771166	.002619	.003973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.417732	.0399770	.0055128	-.000321	.3443860	7.967407	-.002196
Stddev	.019955	.0014142	.0010592	.000293	.0044647	.079768	.000806
%RSD	4.776952	3.537520	19.21298	91.27470	1.296427	1.001177	36.71638

#1	-.427359	.0415655	.0045608	-.000635	.3470464	8.047346	-.001384
#2	-.431049	.0395106	.0066537	-.000277	.3468802	7.967064	-.002207
#3	-.394789	.0388549	.0053238	-.000053	.3392315	7.887811	-.002997

Sample Name: L4923-03 Acquired: 12/04/2020 18:04:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLAQ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0299600	-.000918	.0441448
Stddev	.0011574	.001611	.0000753
%RSD	3.863198	175.4663	.1705948

#1	.0293193	-.000811	.0442077
#2	.0292646	.000637	.0441653
#3	.0312961	-.002580	.0440613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.119	26782.00	7056.397	873.0778	1786.573
Stddev	1.718	79.78	10.480	2.6156	1.491
%RSD	.1118948	.2978990	.1485145	.2995888	.0834750

#1	1533.285	26691.35	7068.401	876.0109	1786.663
#2	1535.383	26813.09	7049.070	872.2350	1788.018
#3	1536.690	26841.56	7051.720	870.9874	1785.039

Sample Name: L4923-04 Acquired: 12/04/2020 18:12:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLAQ4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001132	.0055832	.0001352	-.006244	-.004179	.7144863	.0100766
Stddev	.007257	.0009151	.0026825	.003513	.001731	.0088726	.0001540
%RSD	641.2491	16.39045	1984.201	56.25434	41.40839	1.241821	1.527856

#1	-.007469	.0048665	.0020567	-.004669	-.005648	.7232151	.0101901
#2	-.002711	.0066140	-.002930	-.010269	-.002272	.7054765	.0101385
#3	.006785	.0052690	.001278	-.003795	-.004617	.7147672	.0099014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002321	.0000026	6.904649	-.000071	-.000361	.0015734	.7240672
Stddev	.0000402	.0000461	.027303	.000359	.000124	.0031556	.0067242
%RSD	17.30930	1750.570	.3954361	508.5427	34.31444	200.5636	.9286760

#1	.0001996	.0000302	6.890951	-.000411	-.000391	.0020114	.7210393
#2	.0002196	.0000283	6.936090	.000305	-.000225	-.001778	.7317731
#3	.0002770	-.000051	6.886907	-.000106	-.000467	.004487	.7193893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266651	1.584405	.0007614	-.000152	3.380495	.0026121	.0032469
Stddev	.0005491	.014867	.0002427	.000209	.171846	.0006027	.0006942
%RSD	2.059096	.9383107	31.88168	137.1384	5.083460	23.07437	21.38014

#1	.0260403	1.571488	.0008383	-.000366	3.301388	.0019833	.0040385
#2	.0268841	1.581070	.0004895	.000050	3.577648	.0031848	.0029602
#3	.0270708	1.600655	.0009562	-.000140	3.262448	.0026680	.0027420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.406998	.0407712	.0049109	-.000418	.3475745	7.833799	-.002378
Stddev	.038390	.0039324	.0002670	.000458	.0034203	.085249	.001052
%RSD	9.432465	9.644993	5.437172	109.5369	.9840609	1.088222	44.22235

#1	-.418390	.0412570	.0052188	-.000120	.3459846	7.757201	-.001168
#2	-.364202	.0444382	.0047715	-.000189	.3452385	7.818553	-.002896
#3	-.438403	.0366185	.0047425	-.000946	.3515004	7.925642	-.003070

Sample Name: L4923-04 Acquired: 12/04/2020 18:12:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLAQ4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0271167	-.003719	.0443184
Stddev	.0006251	.001644	.0001490
%RSD	2.305059	44.21622	.3361048

#1	.0268728	-.001990	.0441941
#2	.0266504	-.005263	.0444835
#3	.0278270	-.003904	.0442776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1538.281	26867.46	7045.391	872.2073	1785.518
Stddev	1.753	41.71	51.126	5.5227	3.815
%RSD	.1139594	.1552460	.7256701	.6331923	.2136759

#1	1538.003	26832.39	7104.166	875.0141	1788.470
#2	1536.683	26856.39	7011.201	865.8448	1786.874
#3	1540.156	26913.58	7020.807	875.7629	1781.210

Sample Name: PB133380BS Acquired: 12/04/2020 18:20:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW380 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197957	.0619034	.0239135	.0763351	.1314700	.4700019
Stddev	.0057478	.0060628	.0006644	.0032842	.0034074	.0063034
%RSD	29.03545	9.794045	2.778300	4.302328	2.591749	1.341141

#1	.0167825	.0688162	.0234738	.0793346	.1342123	.4628855
#2	.0264235	.0574885	.0246778	.0728258	.1325421	.4748832
#3	.0161810	.0594056	.0235890	.0768448	.1276555	.4722369

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3603666	.0119290	.0112956	11.66561	.0240883	.1107771
Stddev	.0060006	.0001301	.0001324	.02133	.0002301	.0002072
%RSD	1.665126	1.091045	1.172590	.1828251	.9550123	.1870540

#1	.3655590	.0118146	.0114205	11.64319	.0238930	.1108590
#2	.3617434	.0120706	.0113097	11.68565	.0240300	.1109308
#3	.3537972	.0119017	.0111567	11.66798	.0243419	.1105414

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588368	.2487677	.0369434	11.36009	.0937747	.0225616
Stddev	.0016627	.0069341	.0002875	.08276	.0006050	.0000844
%RSD	2.825964	2.787392	.7781532	.7285253	.6451722	.3741880

#1	.0607005	.2561117	.0366631	11.40385	.0932840	.0226045
#2	.0575056	.2478582	.0372376	11.26464	.0944507	.0226160
#3	.0583043	.2423332	.0369294	11.41179	.0935893	.0224644

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.14000	.1169595	.1436267	11.16698	.0236233	F .0167616
Stddev	.24992	.0011332	.0035863	.01957	.0014149	.0006078
%RSD	2.243445	.9688906	2.496952	.1752219	5.989349	3.626018

#1	10.99841	.1174638	.1442708	11.14615	.0225869	.0163036
#2	11.42857	.1156617	.1397620	11.18497	.0252353	.0174511
#3	10.99303	.1177530	.1468473	11.16982	.0230477	.0165301

Sample Name: PB133380BS Acquired: 12/04/2020 18:20:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW380 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232023	.1756985	.2322565	.0145033	.2294603	F .1057288
Stddev	.0001951	.0053040	.0031255	.0004943	.0004768	.0008021
%RSD	.8410538	3.018780	1.345706	3.408356	.2078002	.7586709

#1	.0233021	.1815702	.2297828	.0145216	.2299320	.1063468
#2	.0233275	.1742705	.2357691	.0149883	.2294705	.1048223
#3	.0229775	.1712547	.2312175	.0140001	.2289785	.1060173

Elem	Sr4077
Units	ppm
Avg	.2332716
Stddev	.0004278
%RSD	.1833783

#1	.2337631
#2	.2330688
#3	.2329830

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.545	25281.51	6662.938	817.1948	1669.815
Stddev	5.417	59.53	14.532	4.6615	3.799
%RSD	.3770936	.2354514	.2181067	.5704275	.2275374

#1	1430.683	25263.13	6658.527	816.3980	1666.805
#2	1437.588	25348.06	6651.123	822.2033	1668.556
#3	1441.365	25233.35	6679.165	812.9830	1674.084

Sample Name: CCV083 Acquired: 12/04/2020 18:29:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.960019	4.853249	24.71448	4.724963	4.859368	400.5006	10.00751
Stddev	.005392	.003242	.03129	.022492	.001732	3.8707	.08584
%RSD	.1087036	.0668053	.1265879	.4760337	.0356365	.9664666	.8577170

#1	4.963885	4.850457	24.69994	4.709753	4.858418	396.2136	9.94712
#2	4.962312	4.852484	24.69311	4.714336	4.858319	403.7389	10.10577
#3	4.953860	4.856805	24.75039	4.750800	4.861367	401.5493	9.96965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5010405	2.478480	402.1861	15.12323	2.501906	14.98913	407.3256
Stddev	.0039497	.006908	.3761	.02353	.004902	.01080	1.0978
%RSD	.7882966	.2787067	.0935220	.1555909	.1959452	.0720343	.2695111

#1	.4965726	2.474522	402.6194	15.10273	2.500247	14.98506	406.0605
#2	.5024814	2.474463	401.9444	15.11802	2.498047	15.00137	408.0281
#3	.5040674	2.486457	401.9944	15.14892	2.507422	14.98096	407.8880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.94871	406.6243	2.482418	1.266634	401.7120	2.497271	15.23828
Stddev	.01213	2.1266	.006574	.003037	1.2350	.010159	.15003
%RSD	.0811388	.5229861	.2648048	.2397296	.3074231	.4068009	.9845451

#1	14.95711	404.1689	2.477094	1.267335	400.5122	2.488184	15.36541
#2	14.93480	407.8320	2.480396	1.269258	402.9793	2.508239	15.27664
#3	14.95422	407.8722	2.489766	1.263308	401.6444	2.495389	15.07280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0637	5.025766	4.938149	4.871364	4.967951	5.034067	5.005008
Stddev	.3775	.009568	.041805	.008401	.019219	.029767	.013857
%RSD	.2450156	.1903770	.8465729	.1724651	.3868646	.5913073	.2768565

#1	153.6316	5.015046	4.890203	4.863981	4.947625	5.003040	5.014937
#2	154.2298	5.028814	4.957274	4.869607	4.970400	5.036775	4.989178
#3	154.3296	5.033439	4.966972	4.880506	4.985829	5.062388	5.010911

Sample Name: CCV083 Acquired: 12/04/2020 18:29:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.978265	5.021816	4.997570
Stddev	.007211	.009419	.031515
%RSD	.1448524	.1875558	.6306052

#1	4.971240	5.032692	5.005680
#2	4.985649	5.016428	5.024237
#3	4.977906	5.016329	4.962793

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1240.365	23628.17	6405.227	701.6377	1328.842
Stddev	.339	26.70	21.693	6.2021	2.079
%RSD	.0273706	.1129903	.3386711	.8839500	.1564267

#1	1240.236	23598.56	6425.678	698.4662	1329.421
#2	1240.750	23650.40	6382.476	697.6625	1330.570
#3	1240.109	23635.54	6407.527	708.7842	1326.535

Sample Name: CCB083 Acquired: 12/04/2020 18:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000887	.0036704	.0014600	-.007280	-.002900	.0080403	.0018107
Stddev	.002416	.0035674	.0009430	.002572	.002136	.0078967	.0004331
%RSD	272.4462	97.19361	64.58775	35.32765	73.65317	98.21354	23.91943

#1	-.000228	.0003401	.0010094	-.009845	-.000589	.0056242	.0020637
#2	-.003565	.0032360	.0025438	-.007292	-.004801	.0016340	.0013106
#3	.001132	.0074351	.0008269	-.004702	-.003310	.0168628	.0020577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000407	.0000806	.0014915	-.000356	-.000126	.0000709	.0055426
Stddev	.0001050	.0001023	.0075184	.000464	.000190	.0011477	.0100803
%RSD	257.7907	126.9382	504.0859	130.3835	151.3205	1619.579	181.8682

#1	-.000006	.0000938	.0028156	.000124	-.000310	.0003760	.0158989
#2	-.000032	.0001757	.0082599	-.000389	-.000136	.0010352	-.004237
#3	.000161	-.000028	-.006601	-.000803	.000069	-.001199	.004966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002361	.0150111	.0002402	-.000239	.0055007	.0003003	-.000404
Stddev	.0002371	.0058907	.0002984	.000336	.0973969	.0013816	.000754
%RSD	100.4089	39.24231	124.2679	140.9914	1770.645	460.0720	186.8429

#1	.0004363	.0132210	.0005845	.000136	-.090971	.0010986	.000055
#2	.0002976	.0215891	.0000808	-.000515	.003676	-.001295	.000009
#3	-.000026	.0102230	.0000552	-.000337	.103797	.001097	-.001274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5004372	.0030004	.0048102	.0004164	.0032887	.0001952	.0005009
Stddev	.0214689	.0008163	.0016177	.0003115	.0033756	.0012978	.0021003
%RSD	4.290034	27.20496	33.63106	74.79795	102.6410	664.9987	419.2745

#1	.5211207	.0038741	.0062727	.0007516	.0070954	-.000907	-.001367
#2	.4782608	.0022572	.0030726	.0003617	.0021106	-.000134	.000095
#3	.5019302	.0028700	.0050854	.0001359	.0006601	.001626	.002775

Sample Name: CCB083 Acquired: 12/04/2020 18:33:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1339) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB083 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006784	.0017477	-.000018
Stddev	.0008902	.0027410	.000053
%RSD	131.2226	156.8330	302.7024

#1	.0016416	.0033716	-.000070
#2	-.000114	.0032884	.000037
#3	.000507	-.001417	-.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.763	25309.19	6616.179	819.1915	1687.839
Stddev	8.327	33.00	35.140	3.3635	12.988
%RSD	.5723648	.1303864	.5311191	.4105902	.7694885

#1	1447.627	25275.63	6579.036	816.6833	1678.326
#2	1452.752	25341.60	6648.896	817.8776	1682.556
#3	1463.911	25310.33	6620.607	823.0137	1702.636