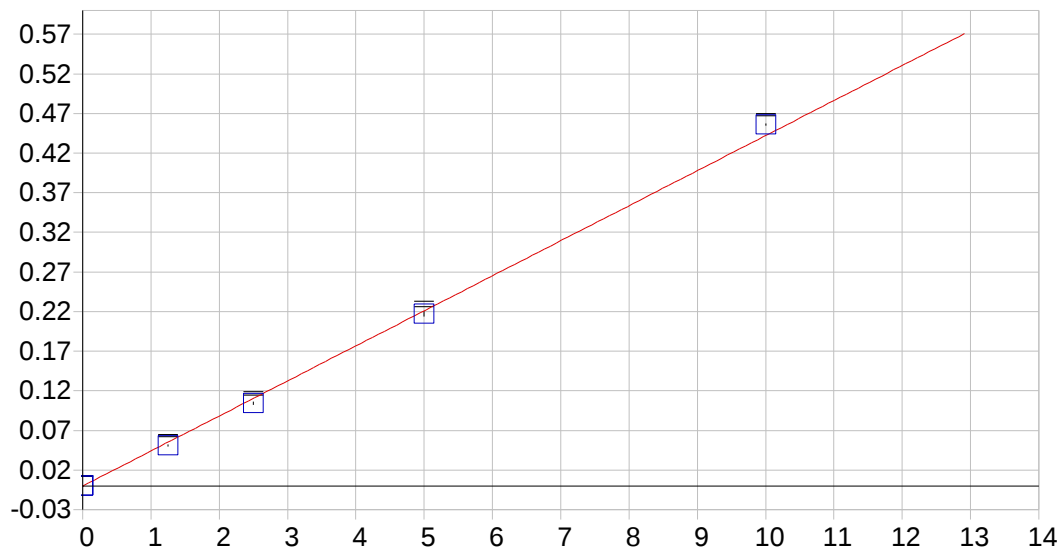


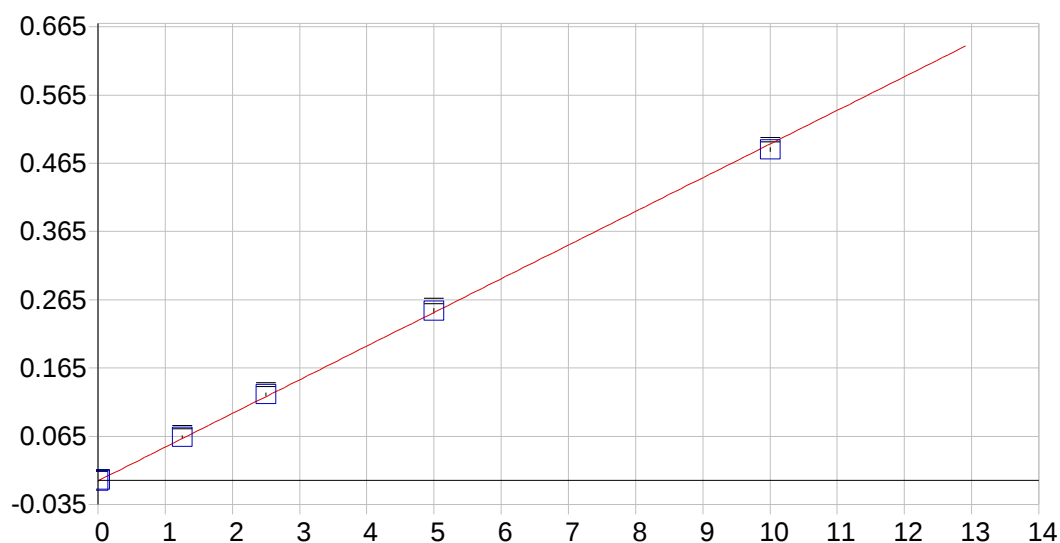


As 189.042 {479}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000183 Re-Slope: 1.000000
 A1 (Gain): 0.044226 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999288 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.003078
 Predicted MQL: 0.010260

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.00918	-.001	-8.21	.00022	.000	1
S2	1.2500	1.1546	-.095	-7.63	.05088	.001	1
S3	2.5000	2.3621	-.138	-5.52	.10428	.002	1
S4	5.0000	4.9135	-.086	-1.73	.21712	.004	1
S5	10.000	10.321	.321	3.21	.45625	.001	1

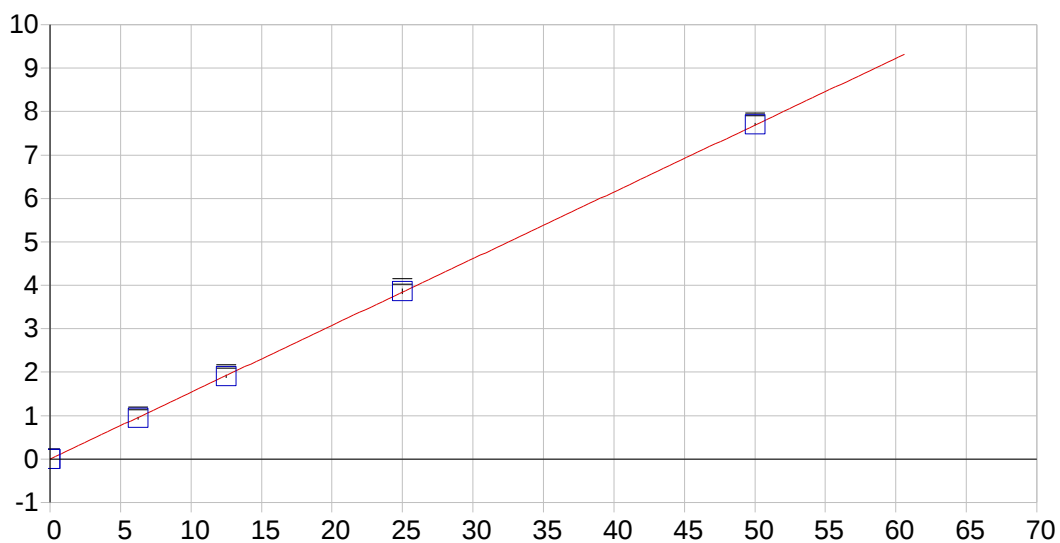


TI 190.856 {477}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.049346 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.001977
 Predicted MQL: 0.006591

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.02500	.02531	.000	1.24	.00098	.000	1
S2	1.2500	1.2999	.050	3.99	.06388	.002	1
S3	2.5000	2.5678	.068	2.71	.12644	.003	1
S4	5.0000	5.0470	.047	.939	.24878	.004	1
S5	10.000	9.8351	-.165	-1.65	.48505	.003	1

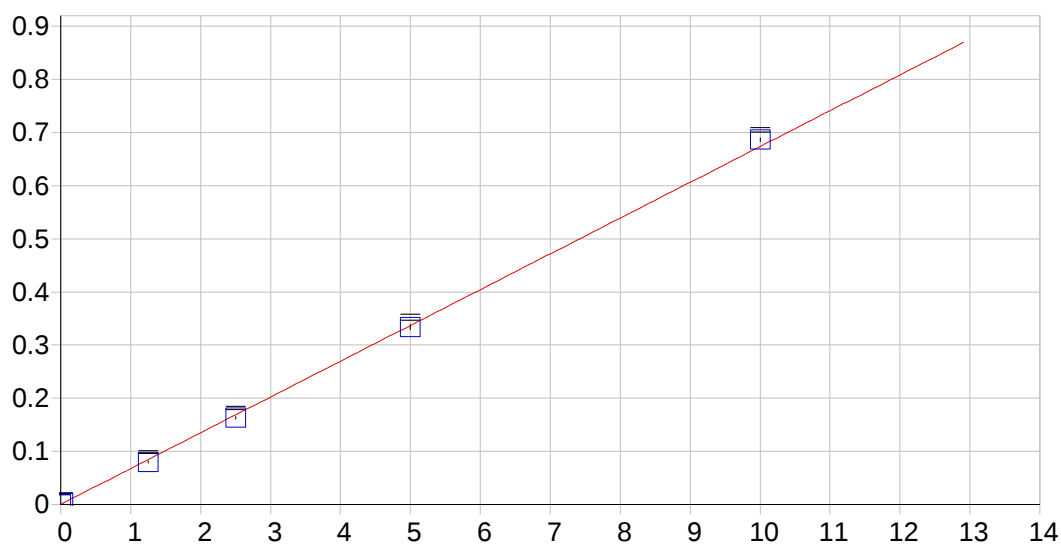


Pb 220.353 {453}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000206 Re-Slope: 1.000000
 A1 (Gain): 0.153770 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.001458
 Predicted MQL: 0.004858

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00883	-.001	-11.7	.00115	.000	1
S2	6.2500	6.1230	-.127	-2.03	.94132	.029	1
S3	12.500	12.396	-.104	-.829	1.9060	.041	1
S4	25.000	25.110	.110	.439	3.8609	.061	1
S5	50.000	50.122	.122	.244	7.7071	.033	1

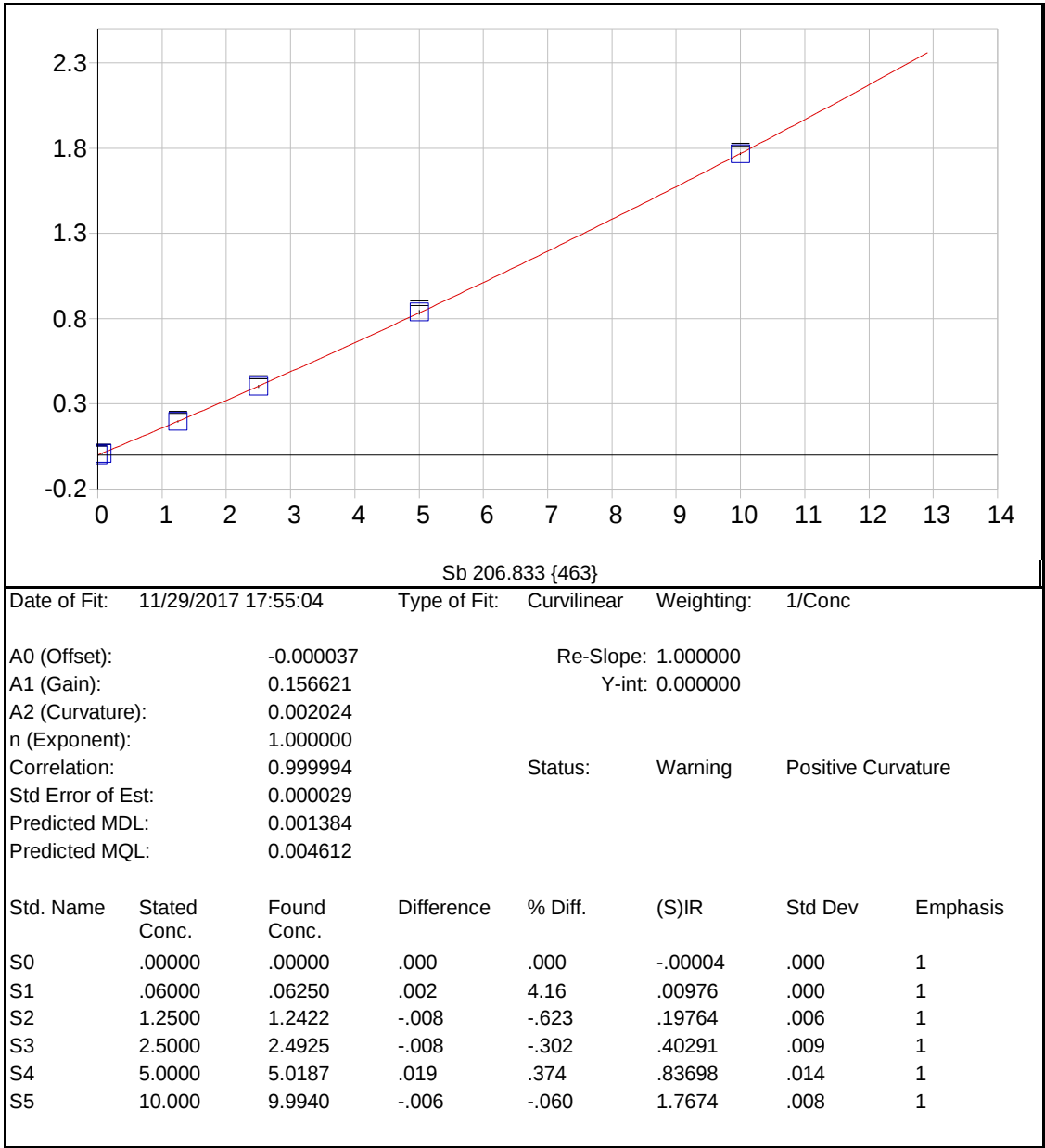


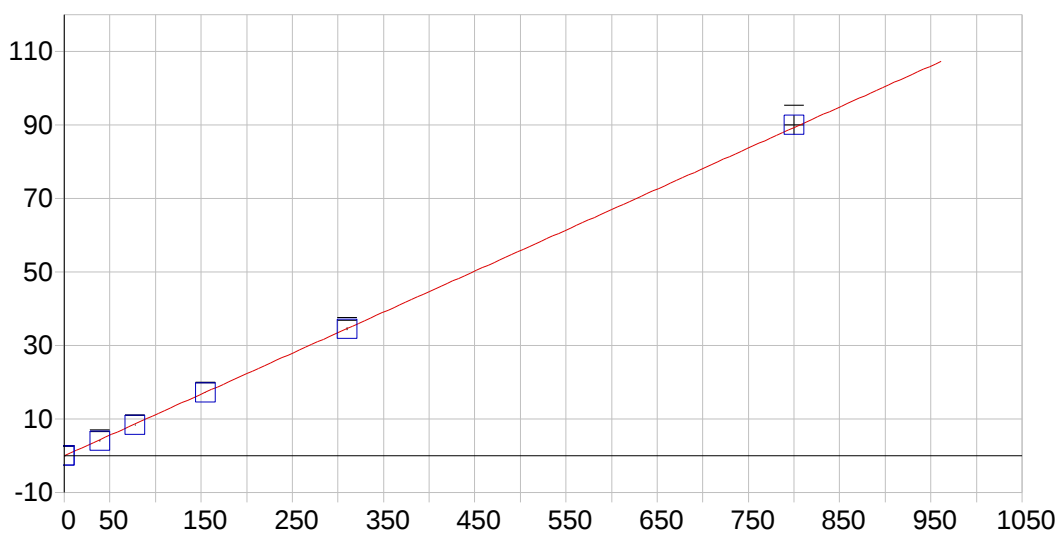
Se 196.090 {472}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.067351 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.002596
 Predicted MQL: 0.008654

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.03500	.03516	.000	.465	.00264	.000	1
S2	1.2500	1.1819	-.068	-5.45	.07988	.002	1
S3	2.5000	2.4203	-.080	-3.19	.16329	.003	1
S4	5.0000	4.9513	-.049	-.973	.33376	.006	1
S5	10.000	10.196	.196	1.96	.68701	.004	1



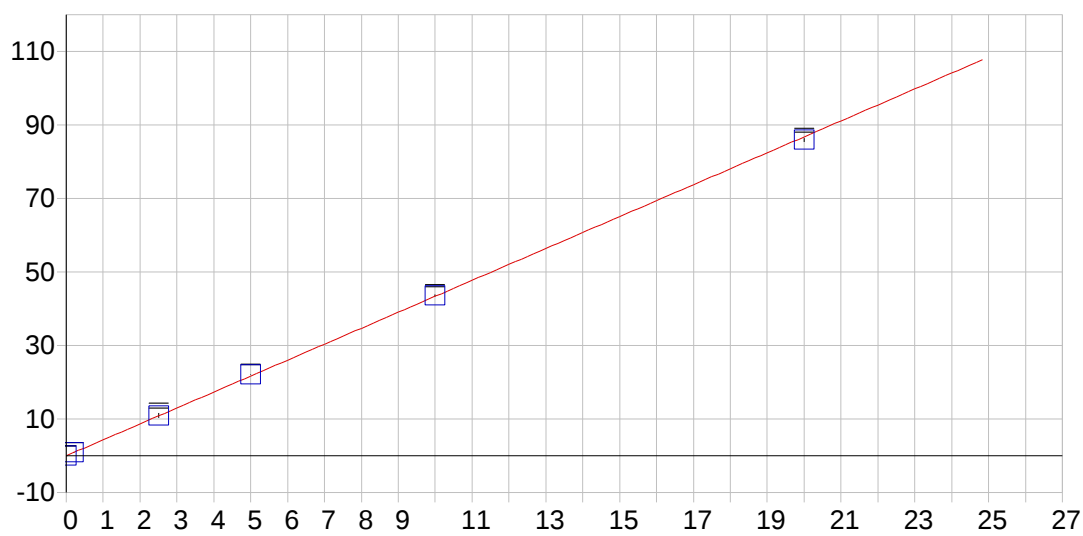


AI 396.152 { 85}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.111623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.001022
 Predicted MDL: 0.004871
 Predicted MQL: 0.016235

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00016	.000	1
S1	.20000	.19364	-.006	-3.18	.02145	.001	1
S2	38.750	36.473	-2.28	-5.88	4.0710	.262	1
S3	77.500	74.672	-2.83	-3.65	8.3350	.025	1
S4	155.00	154.26	-.739	-.477	17.219	.067	1
S5	310.00	309.13	-.869	-.280	34.506	.394	1
S6	800.00	806.72	6.72	.840	90.049	2.70	1

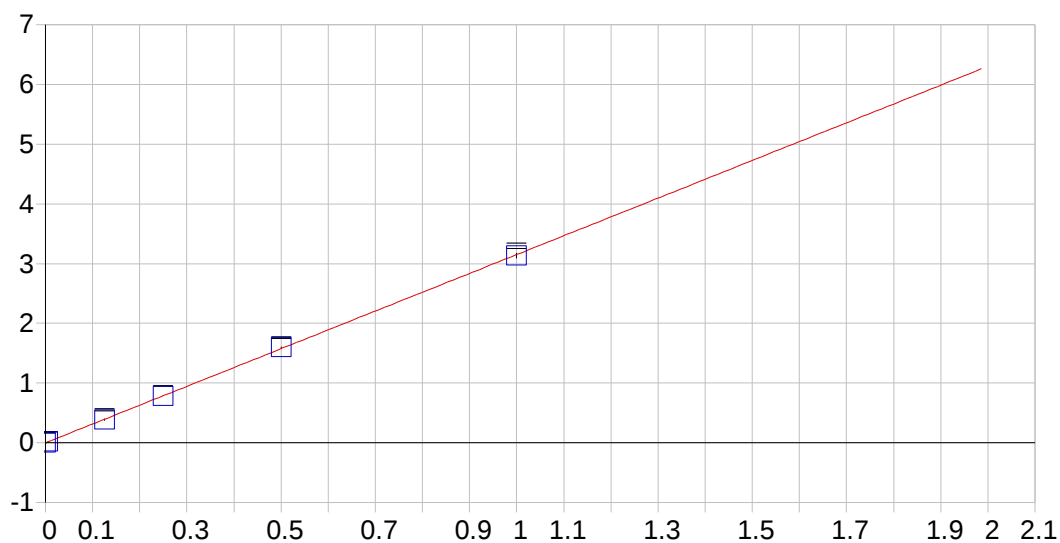


Ba 493.409 { 68}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016262 Re-Slope: 1.000000
 A1 (Gain): 4.338818 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.005489
 Predicted MDL: 0.000251
 Predicted MQL: 0.000835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01633	.000	1
S1	.20000	.20927	.009	4.63	.89171	.004	1
S2	2.5000	2.5223	.022	.891	10.927	.700	1
S3	5.0000	5.1100	.110	2.20	22.155	.075	1
S4	10.000	10.057	.057	.570	43.619	.271	1
S5	20.000	19.802	-.198	-.992	85.899	.588	1



Be 234.861 {144}

Date of Fit: 11/29/2017 17:55:04

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001506

Re-Slope: 1.000000

A1 (Gain): 3.152166

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999958

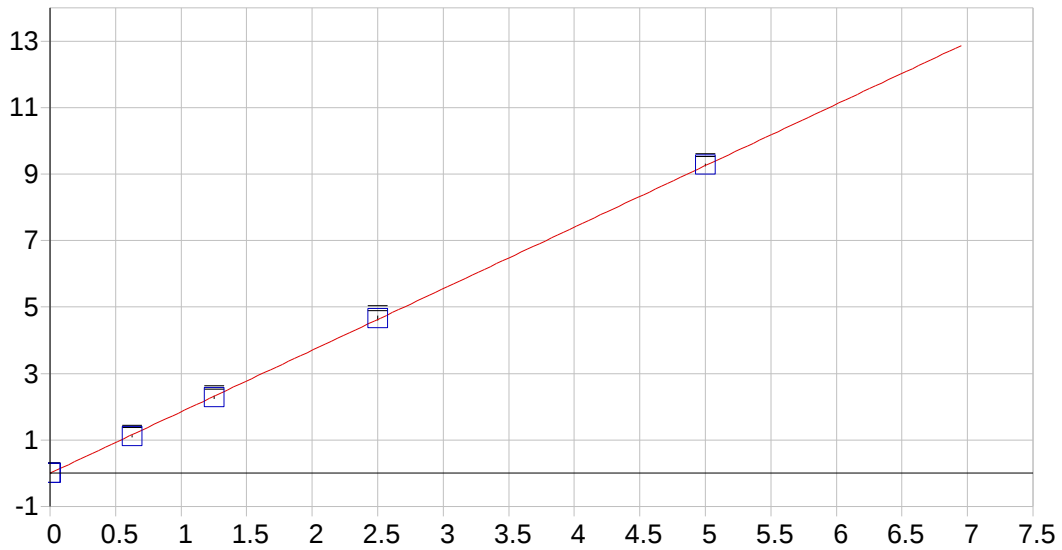
Status: OK.

Std Error of Est: 0.000108

Predicted MDL: 0.000082

Predicted MQL: 0.000275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00151	.000	1
S1	.00500	.00539	.000	7.74	.01547	.000	1
S2	.12500	.12394	-.001	-.851	.38916	.019	1
S3	.25000	.24933	-.001	-.268	.78443	.006	1
S4	.50000	.50666	.007	1.33	1.5956	.011	1
S5	1.0000	.99469	-.005	-.531	3.1339	.045	1

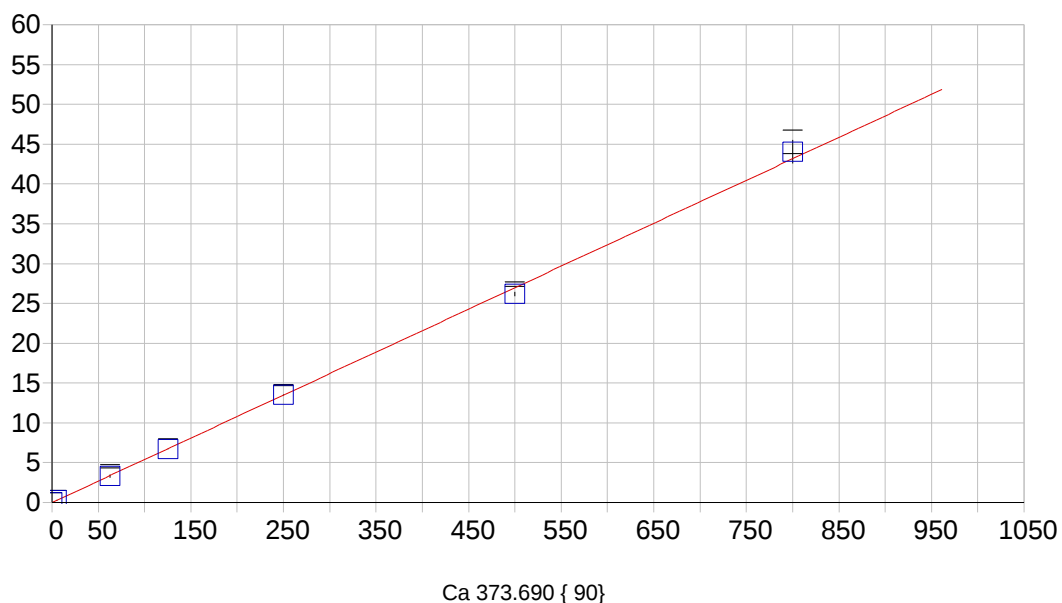


Cd 214.438 {457}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000296 Re-Slope: 1.000000
 A1 (Gain): 1.850489 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000171
 Predicted MDL: 0.000088
 Predicted MQL: 0.000295

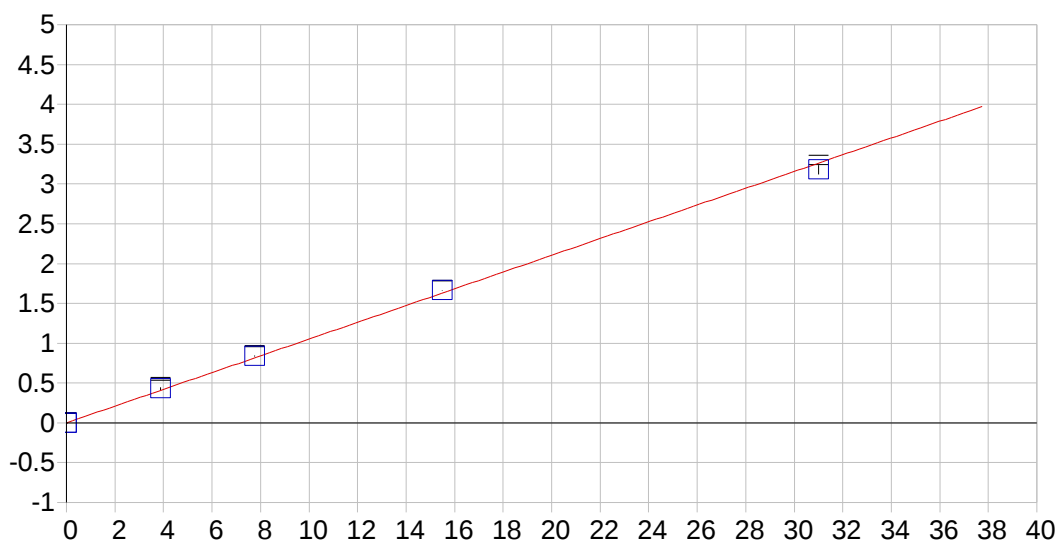
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.00500	.00483	.000	-3.34	.00865	.000	1
S2	.62500	.60307	-.022	-3.51	1.1157	.035	1
S3	1.2500	1.2370	-.013	-1.04	2.2887	.049	1
S4	2.5000	2.5225	.022	.899	4.6675	.071	1
S5	5.0000	5.0126	.013	.253	9.2756	.046	1



Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001309 Re-Slope: 1.000000
 A1 (Gain): 0.053943 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767 Status: OK.
 Std Error of Est: 0.004063
 Predicted MDL: 0.008513
 Predicted MQL: 0.028378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00014	.000	.000	.00132	.000	1
S1	5.0000	5.0273	.027	.546	.27250	.001	1
S2	62.500	61.369	-1.13	-1.81	3.3118	.212	1
S3	125.00	123.89	-1.11	-.891	6.6841	.035	1
S4	250.00	250.34	.342	.137	13.505	.079	1
S5	500.00	485.25	-14.7	-2.95	26.177	.242	1
S6	800.00	816.62	16.6	2.08	44.052	1.49	1

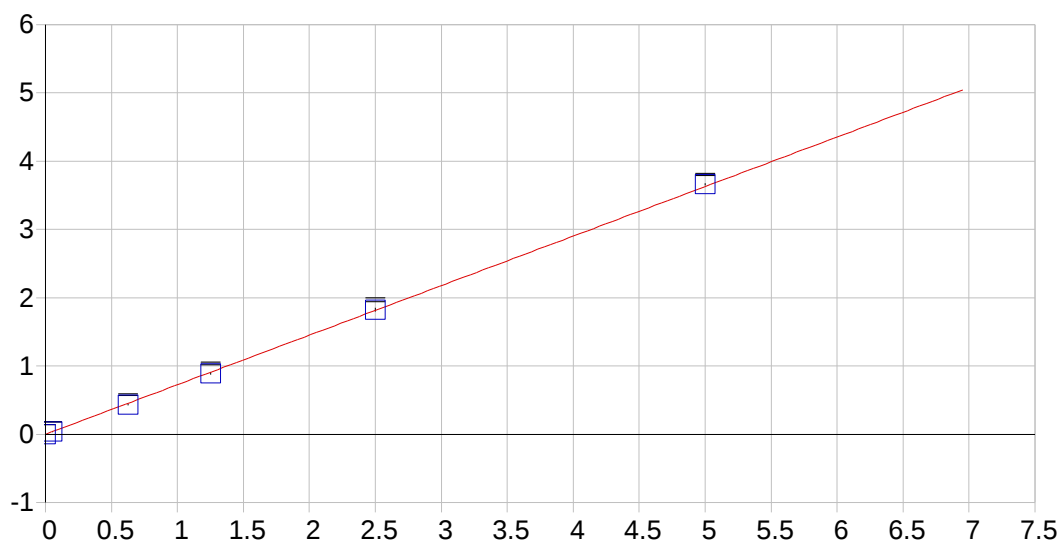


Cr 267.716 {126}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000008 Re-Slope: 1.000000
 A1 (Gain): 0.105204 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999612 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.000529
 Predicted MQL: 0.001762

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01138	.001	13.8	.00119	.000	1
S2	3.8750	4.0992	.224	5.79	.43125	.016	1
S3	7.7500	7.9702	.220	2.84	.83849	.004	1
S4	15.500	15.822	.322	2.08	1.6645	.004	1
S5	31.000	30.232	-.768	-2.48	3.1805	.059	1

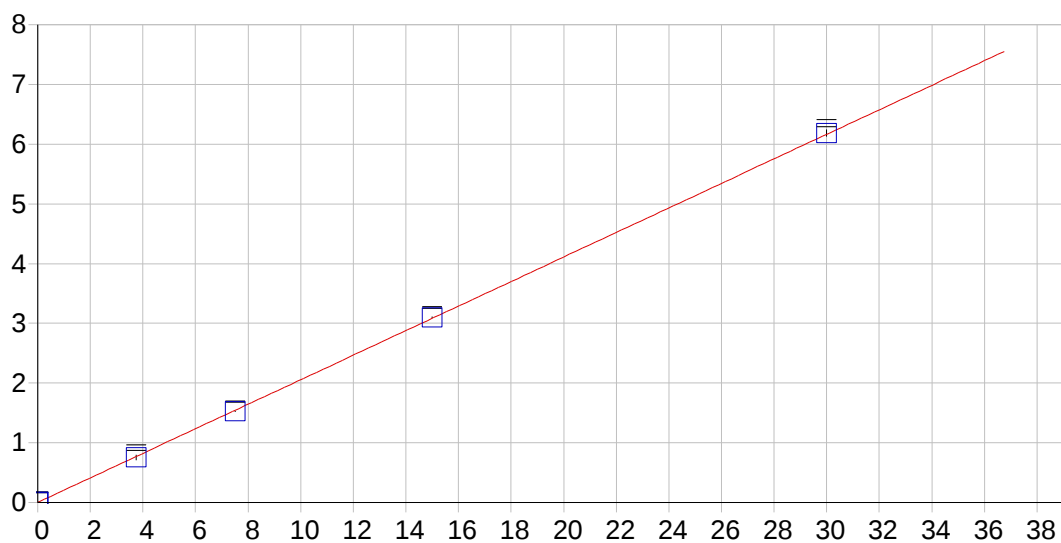


Co 228.616 {448}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000213	Re-Slope: 1.000000
A1 (Gain):	0.725743	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999878	Status: OK.
Std Error of Est:	0.000301	
Predicted MDL:	0.000218	
Predicted MQL:	0.000727	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00021	.000	1
S1	.05000	.04746	-.003	-5.08	.03423	.000	1
S2	.62500	.59663	-.028	-4.54	.43279	.014	1
S3	1.2500	1.2266	-.023	-1.87	.88998	.019	1
S4	2.5000	2.5097	.010	.387	1.8212	.028	1
S5	5.0000	5.0446	.045	.893	3.6609	.019	1

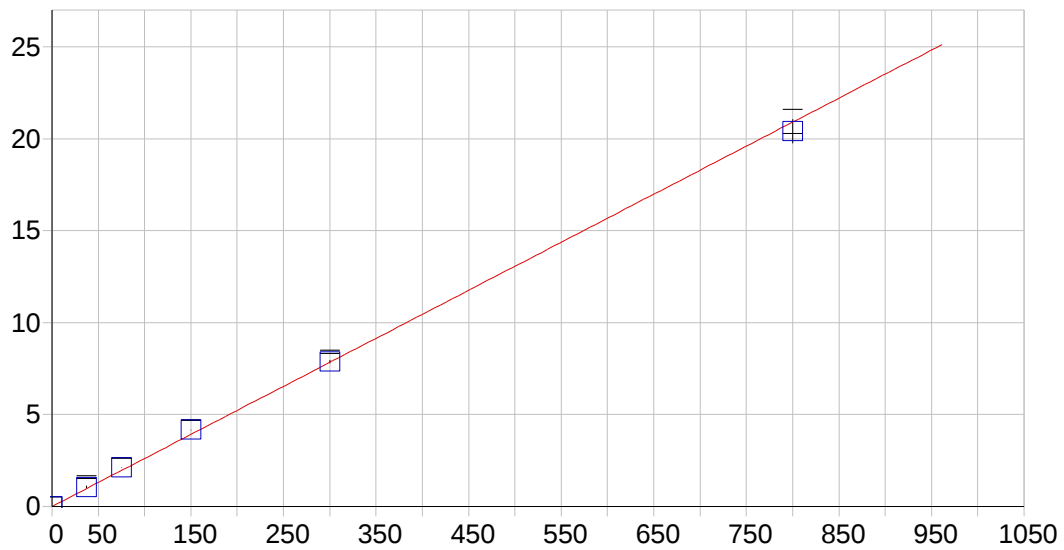


Cu 324.754 {104}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001836 Re-Slope: 1.000000
 A1 (Gain): 0.205413 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.001455
 Predicted MQL: 0.004849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00184	.000	1
S1	.02500	.02620	.001	4.79	.00722	.000	1
S2	3.7500	3.6574	-.093	-2.47	.75313	.048	1
S3	7.5000	7.4178	-.082	-1.10	1.5256	.006	1
S4	15.000	15.074	.074	.493	3.0982	.012	1
S5	30.000	30.100	.100	.332	6.1847	.057	1

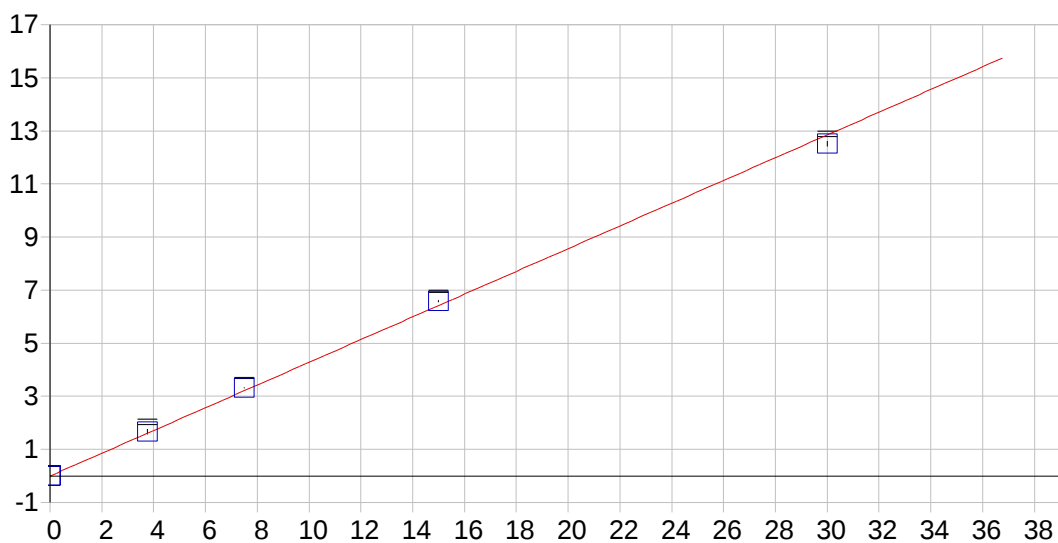


Fe 259.837 {130}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.026128 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999390 Status: OK.
 Std Error of Est: 0.000399
 Predicted MDL: 0.006710
 Predicted MQL: 0.022367

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00010	.000	1
S1	.10000	.11541	.015	15.4	.00312	.000	1
S2	37.500	40.422	2.92	7.79	1.0562	.067	1
S3	75.000	80.515	5.51	7.35	2.1038	.011	1
S4	150.00	159.30	9.30	6.20	4.1624	.022	1
S5	300.00	301.15	1.15	.384	7.8686	.091	1
S6	800.00	781.09	-18.9	-2.36	20.408	.657	1

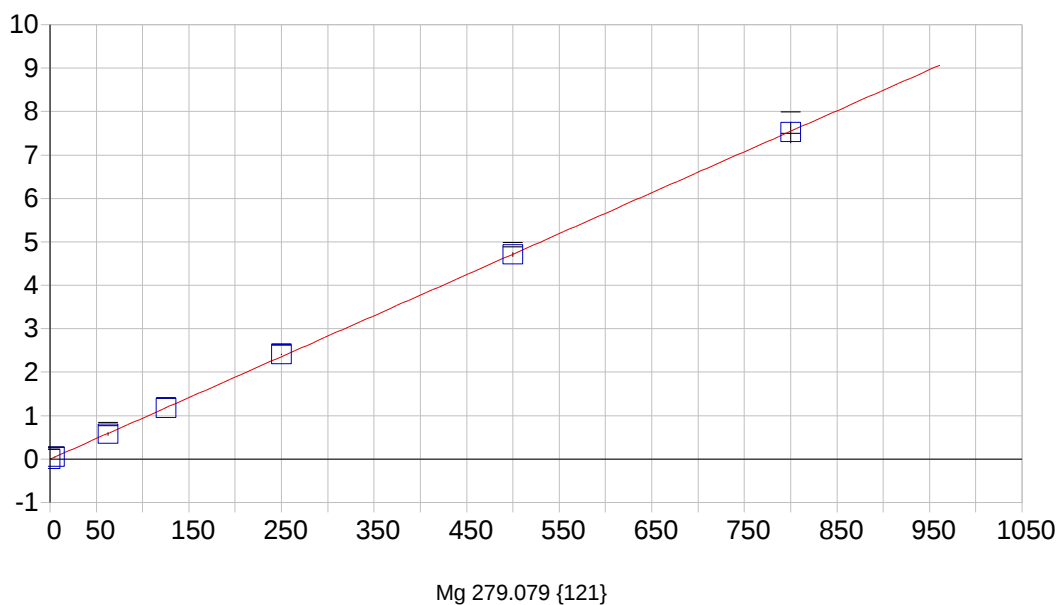


Mn 257.610 {131}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000075 Re-Slope: 1.000000
 A1 (Gain): 0.428163 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999598 Status: OK.
 Std Error of Est: 0.000432
 Predicted MDL: 0.000410
 Predicted MQL: 0.001368

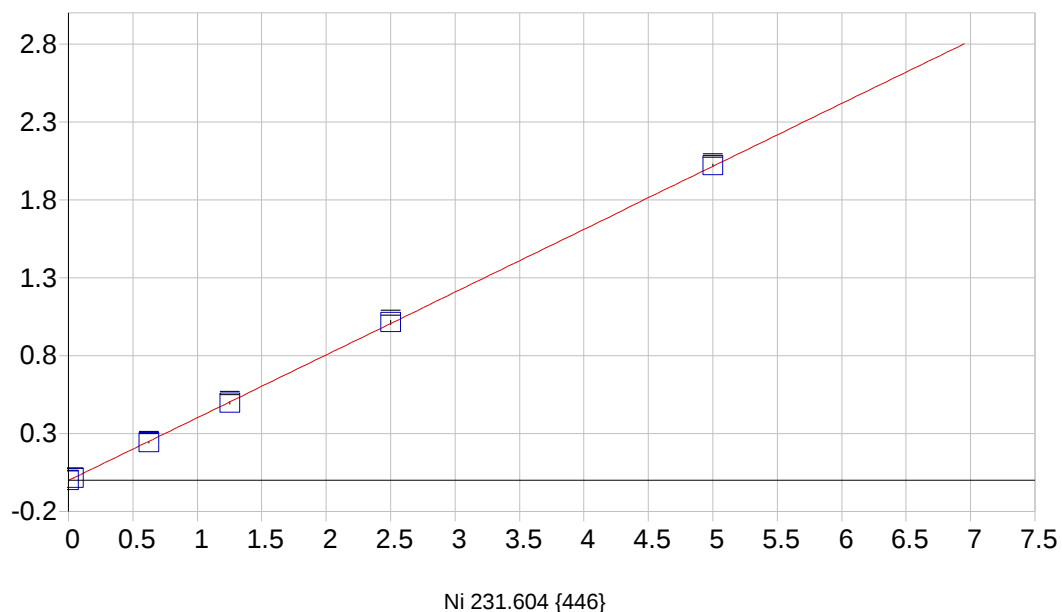
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.01500	.01713	.002	14.2	.00726	.000	1
S2	3.7500	3.9009	.151	4.02	1.6701	.105	1
S3	7.5000	7.7644	.264	3.53	3.3244	.016	1
S4	15.000	15.368	.368	2.45	6.5797	.040	1
S5	30.000	29.215	-.785	-2.62	12.509	.106	1



Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000430 Re-Slope: 1.000000
 A1 (Gain): 0.009434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999944 Status: OK.
 Std Error of Est: 0.000348
 Predicted MDL: 0.021636
 Predicted MQL: 0.072119

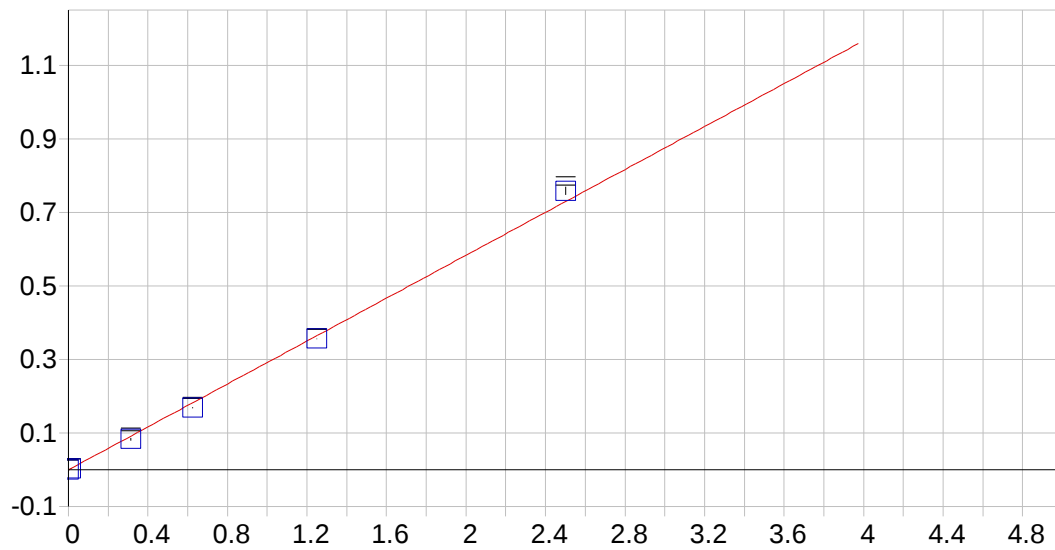
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00043	.000	1
S1	5.0000	5.0209	.021	.418	.04694	.000	1
S2	62.500	60.918	-1.58	-2.53	.57429	.036	1
S3	125.00	124.61	-.386	-.309	1.1752	.006	1
S4	250.00	255.94	5.94	2.38	2.4142	.013	1
S5	500.00	498.74	-1.26	-.253	4.7048	.052	1
S6	800.00	797.27	-2.73	-.341	7.5212	.247	1



Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001086 Re-Slope: 1.000000
 A1 (Gain): 0.403161 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000403
 Predicted MQL: 0.001342

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00109	.000	1
S1	.04000	.03993	.000	-.181	.01501	.000	1
S2	.62500	.60584	-.019	-3.07	.24317	.008	1
S3	1.2500	1.2376	-.012	-.993	.49786	.011	1
S4	2.5000	2.5165	.017	.661	1.0135	.015	1
S5	5.0000	5.0151	.015	.303	2.0208	.010	1

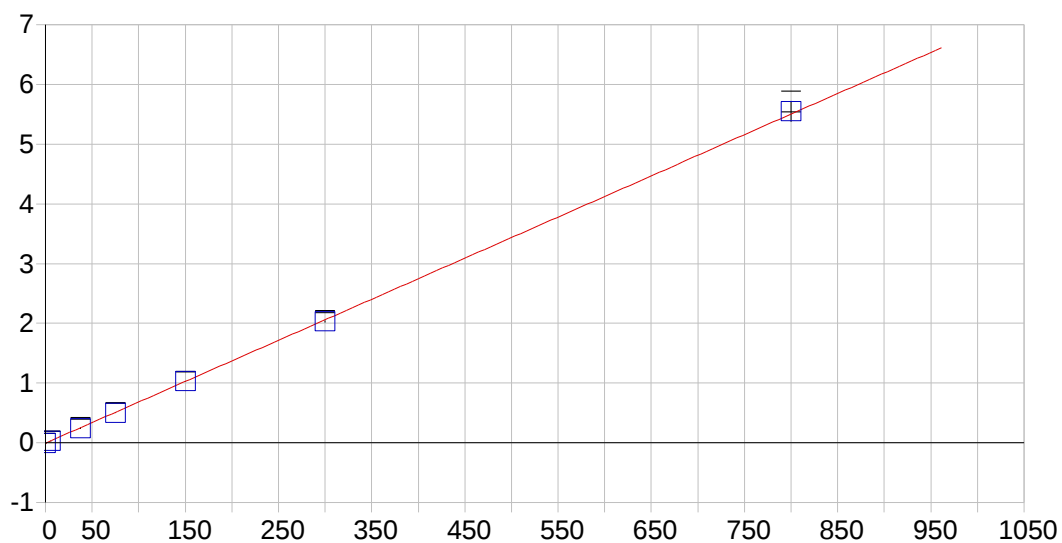


Ag 328.068 {103}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000
 A1 (Gain): 0.291650 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998874 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.000354
 Predicted MQL: 0.001181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.01158	.002	15.8	.00322	.000	1
S2	.31250	.28606	-.026	-8.46	.08327	.004	1
S3	.62500	.57874	-.046	-7.40	.16863	.002	1
S4	1.2500	1.2210	-.029	-2.32	.35596	.001	1
S5	2.5000	2.6001	.100	4.00	.75817	.011	1

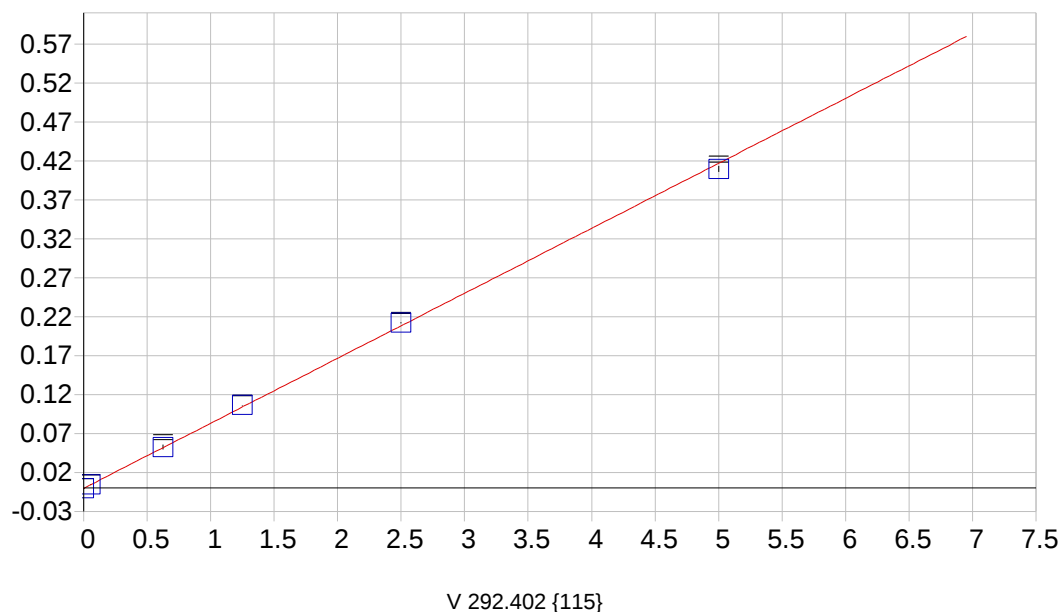


Na 818.326 { 41}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005656 Re-Slope: 1.000000
 A1 (Gain): 0.006884 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.147825
 Predicted MQL: 0.492749

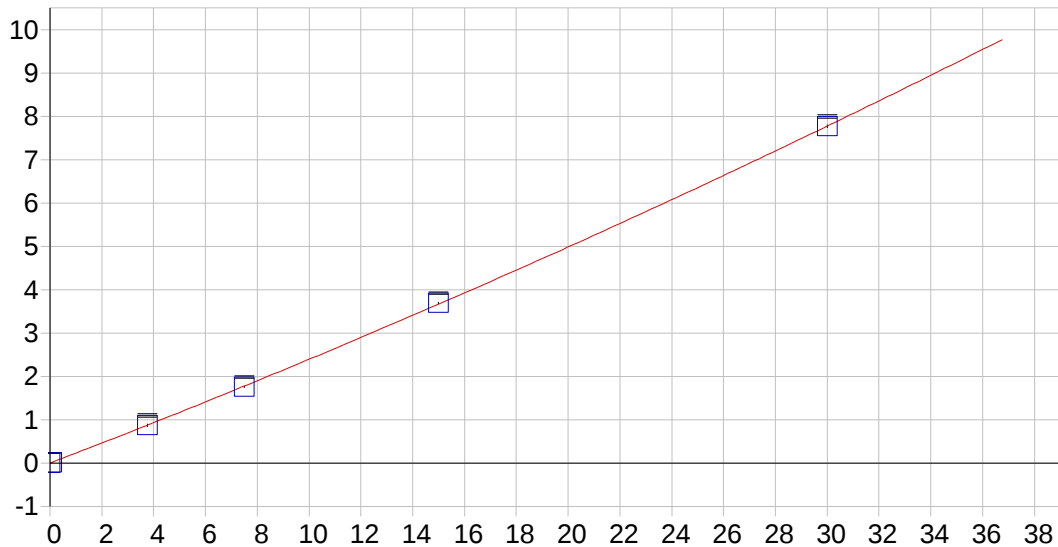
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	-.00565	.001	1
S1	5.0000	4.8883	-.112	-2.23	.02800	.001	1
S2	37.500	36.216	-1.28	-3.42	.24367	.016	1
S3	75.000	73.618	-1.38	-1.84	.50116	.001	1
S4	150.00	149.86	-.143	-.095	1.0260	.006	1
S5	300.00	296.27	-3.73	-1.24	2.0340	.017	1
S6	800.00	806.65	6.65	.831	5.5477	.178	1



Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000186 Re-Slope: 1.000000
 A1 (Gain): 0.083406 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002426
 Predicted MQL: 0.008085

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00019	.000	1
S1	.05000	.05548	.005	11.0	.00444	.000	1
S2	.62500	.63315	.008	1.30	.05262	.003	1
S3	1.2500	1.2780	.028	2.24	.10640	.000	1
S4	2.5000	2.5463	.046	1.85	.21219	.001	1
S5	5.0000	4.9121	-.088	-1.76	.40951	.004	1

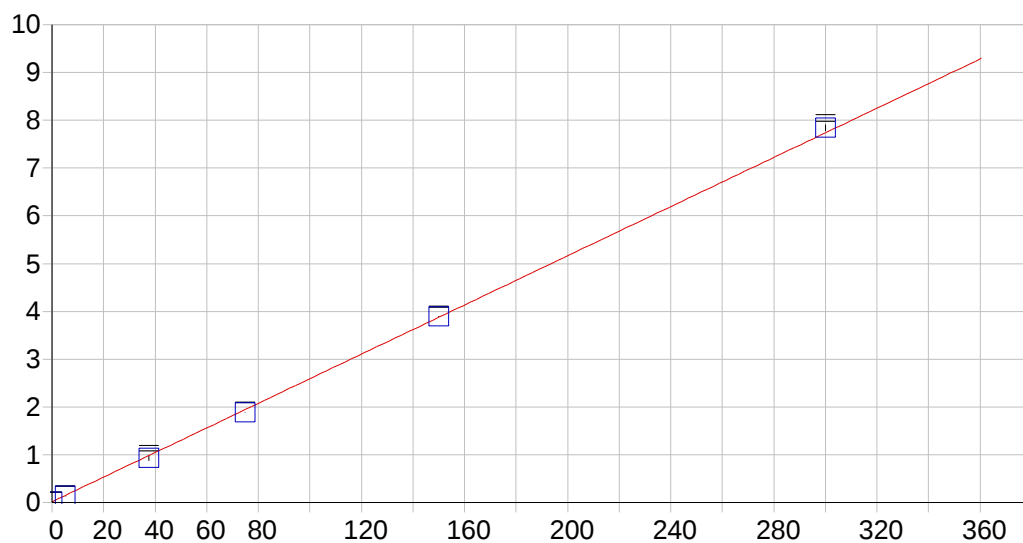


Zn 213.856 {158}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.229557 Y-int: 0.000000
 A2 (Curvature): 0.000985
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: Warning Positive Curvature
 Std Error of Est: 0.000101
 Predicted MDL: 0.002874
 Predicted MQL: 0.009580

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.001	1
S1	.06000	.06298	.003	4.96	.01452	.001	1
S2	3.7500	3.7349	-.015	-.402	.87119	.033	1
S3	7.5000	7.4421	-.058	-.771	1.7630	.024	1
S4	15.000	15.101	.101	.671	3.6912	.028	1
S5	30.000	29.969	-.031	-.105	7.7645	.040	1

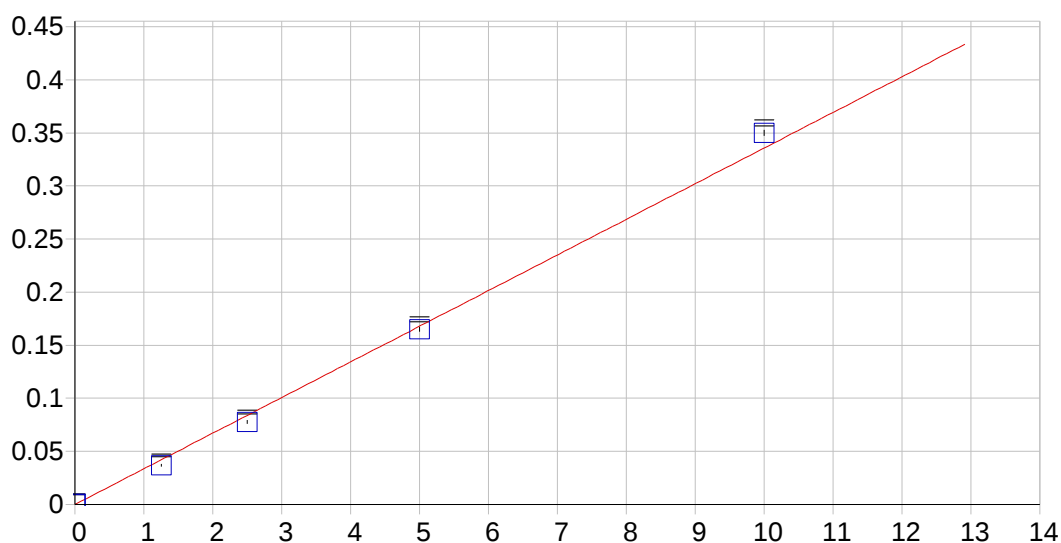


K 769.896 { 44}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016287 Re-Slope: 1.000000
 A1 (Gain): 0.025737 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.001093
 Predicted MDL: 0.037005
 Predicted MQL: 0.123350

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	.01630	.000	1
S1	5.0000	4.8583	-.142	-2.83	.14133	.000	1
S2	37.500	35.460	-2.04	-5.44	.92894	.057	1
S3	75.000	72.667	-2.33	-3.11	1.8865	.008	1
S4	150.00	150.63	.628	.418	3.8930	.013	1
S5	300.00	303.89	3.89	1.30	7.8375	.069	1

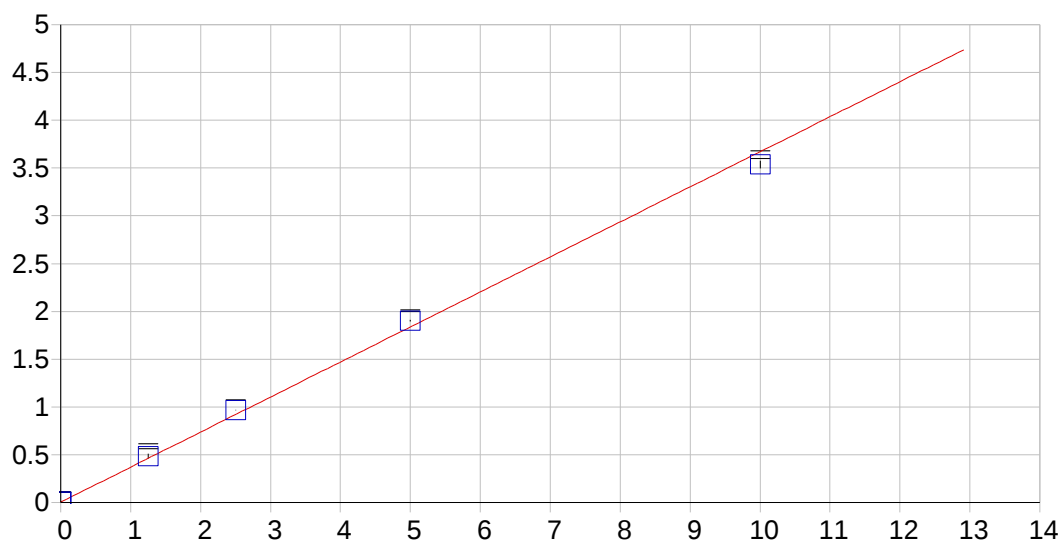


P 177.495 {490}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.033568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998586 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002564
 Predicted MQL: 0.008546

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01278	.003	27.8	.00045	.000	1
S2	1.2500	1.0985	-.152	-12.1	.03690	.001	1
S3	2.5000	2.3107	-.189	-7.57	.07759	.002	1
S4	5.0000	4.9120	-.088	-1.76	.16491	.002	1
S5	10.000	10.426	.426	4.26	.35001	.003	1

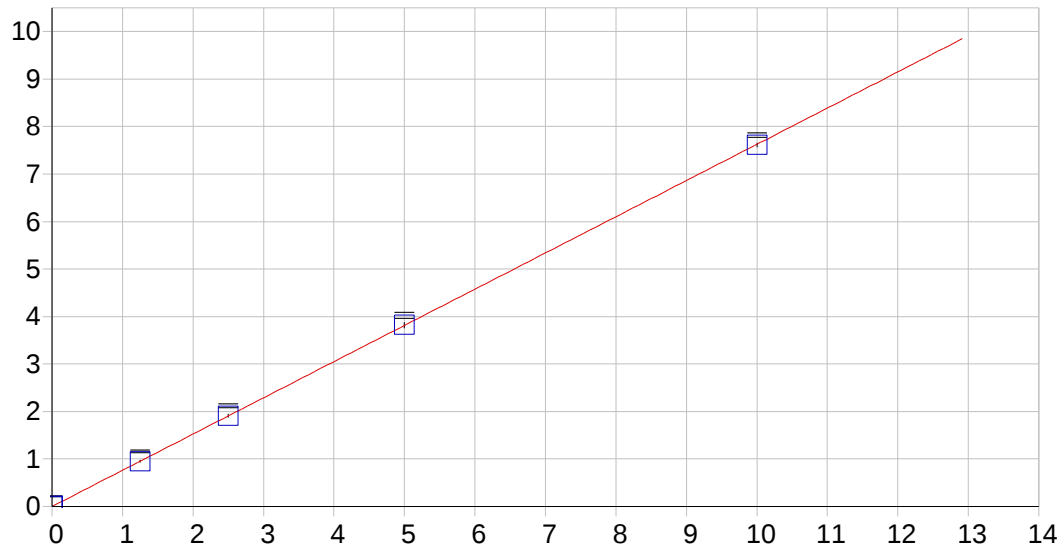


B 249.678 {135}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003393 Re-Slope: 1.000000
 A1 (Gain): 0.366657 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999214 Status: OK.
 Std Error of Est: 0.000244
 Predicted MDL: 0.000846
 Predicted MQL: 0.002821

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00339	.000	1
S1	.01000	.01044	.000	4.39	.00722	.000	1
S2	1.2500	1.3117	.062	4.94	.48434	.026	1
S3	2.5000	2.6285	.128	5.14	.96714	.005	1
S4	5.0000	5.1775	.178	3.55	1.9018	.009	1
S5	10.000	9.6318	-.368	-3.68	3.5350	.040	1

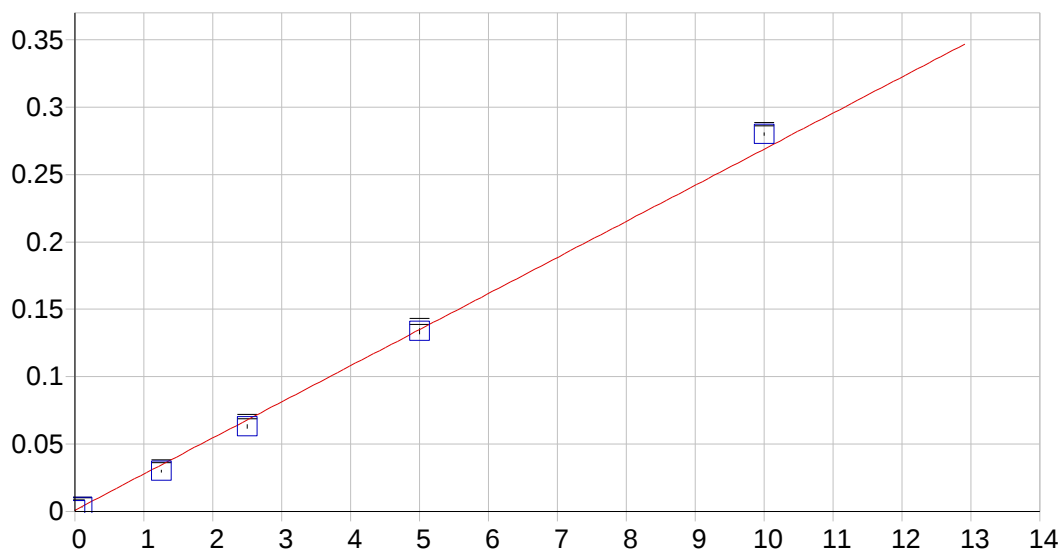


Mo 202.030 {467}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000611 Re-Slope: 1.000000
 A1 (Gain): 0.762601 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.000258
 Predicted MQL: 0.000861

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.01000	.01048	.000	4.84	.00861	.000	1
S2	1.2500	1.2479	-.002	-.165	.95229	.029	1
S3	2.5000	2.5030	.003	.119	1.9094	.040	1
S4	5.0000	5.0111	.011	.221	3.8221	.063	1
S5	10.000	9.9876	-.012	-.124	7.6171	.046	1

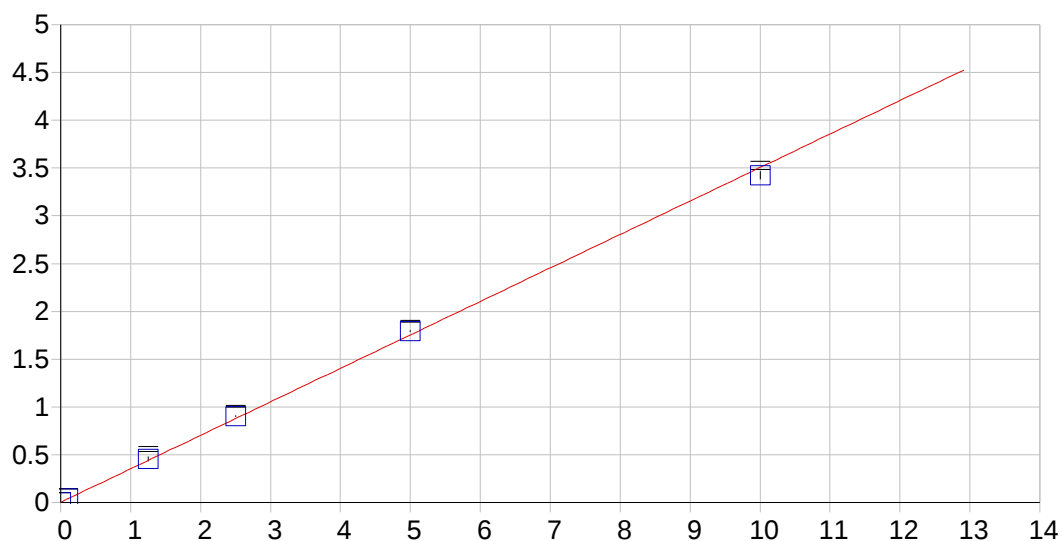


S 182.034 {485}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001008 Re-Slope: 1.000000
 A1 (Gain): 0.026784 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998446 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.003464
 Predicted MQL: 0.011545

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00101	.000	1
S1	.10000	.08020	-.020	-19.8	.00316	.000	1
S2	1.2500	1.0800	-.170	-13.6	.02993	.001	1
S3	2.5000	2.3145	-.186	-7.42	.06300	.002	1
S4	5.0000	4.9568	-.043	-.864	.13377	.002	1
S5	10.000	10.419	.419	4.19	.28006	.001	1

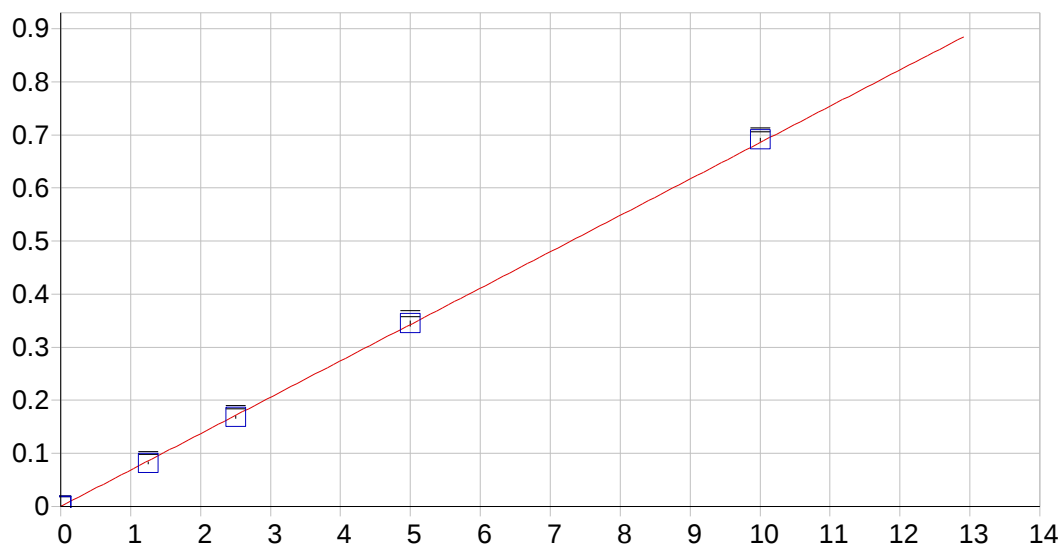


Si 251.611 {134}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002203 Re-Slope: 1.000000
 A1 (Gain): 0.350330 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999686 Status: OK.
 Std Error of Est: 0.000466
 Predicted MDL: 0.000909
 Predicted MQL: 0.003029

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00220	.000	1
S1	.10000	.10545	.005	5.45	.03915	.000	1
S2	1.2500	1.2949	.045	3.59	.45583	.025	1
S3	2.5000	2.5711	.071	2.85	.90295	.007	1
S4	5.0000	5.1113	.111	2.23	1.7929	.009	1
S5	10.000	9.7672	-.233	-2.33	3.4240	.041	1

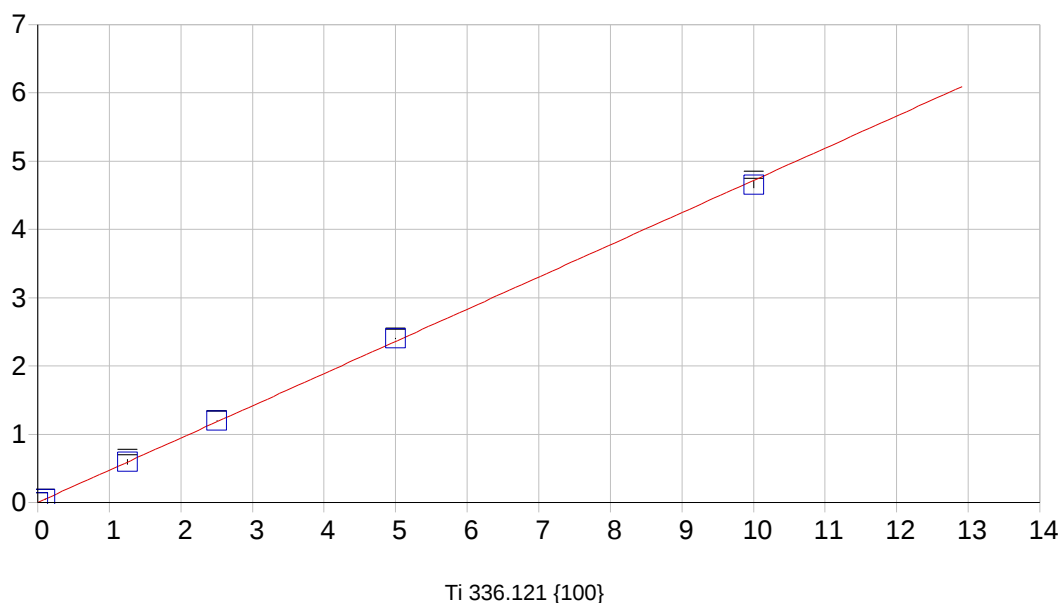


Sn 189.989 {478}

Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.068521 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001197
 Predicted MQL: 0.003990

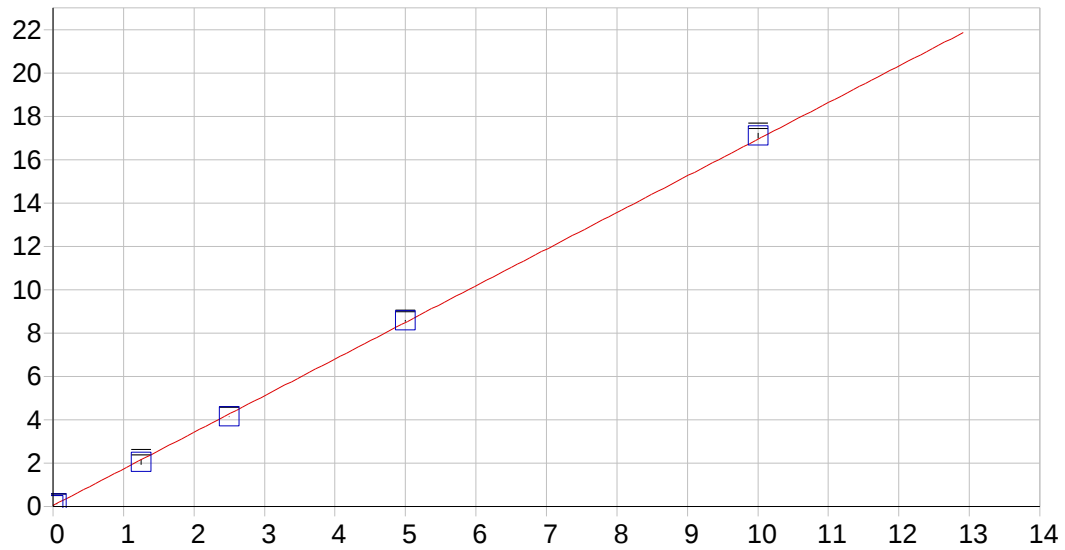
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00700	.00627	-.001	-10.5	.00061	.000	1
S2	1.2500	1.1923	-.058	-4.62	.08188	.003	1
S3	2.5000	2.4499	-.050	-2.00	.16805	.003	1
S4	5.0000	5.0298	.030	.595	.34482	.005	1
S5	10.000	10.079	.079	.788	.69079	.004	1



Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001361 Re-Slope: 1.000000
 A1 (Gain): 0.471720 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000363
 Predicted MDL: 0.000710
 Predicted MQL: 0.002365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00136	.000	1
S1	.10000	.10356	.004	3.56	.05021	.000	1
S2	1.2500	1.2575	.007	.597	.59453	.040	1
S3	2.5000	2.5334	.033	1.34	1.1964	.003	1
S4	5.0000	5.0884	.088	1.77	2.4016	.008	1
S5	10.000	9.8672	-.133	-1.33	4.6559	.052	1



Li 670.784 { 50}

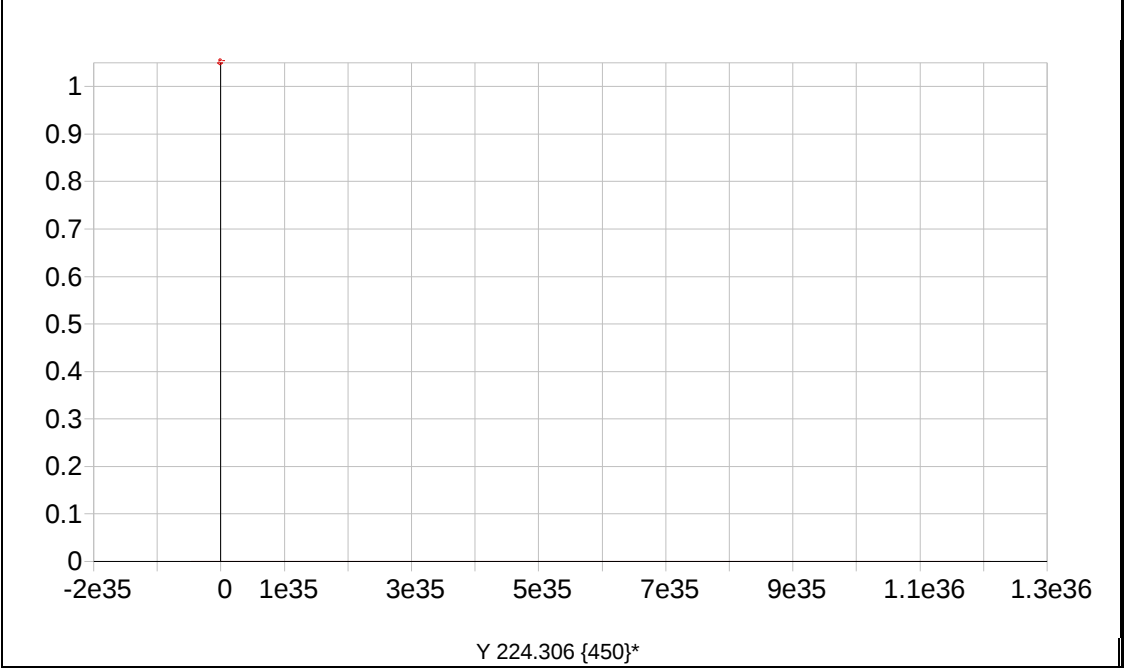
Date of Fit: 11/29/2017 17:55:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.043557 Re-Slope: 1.000000
 A1 (Gain): 1.689494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999800 Status: OK.
 Std Error of Est: 0.001269
 Predicted MDL: 0.000673
 Predicted MQL: 0.002244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.04357	.001	1
S5	10.000	10.097	.097	.966	17.102	.134	1
S4	5.0000	5.0454	.045	.907	8.5676	.036	1
S3	2.5000	2.4282	-.072	-2.87	4.1460	.016	1
S2	1.2500	1.1866	-.063	-5.07	2.0483	.132	1
S1	.05000	.04327	-.007	-13.5	.11667	.001	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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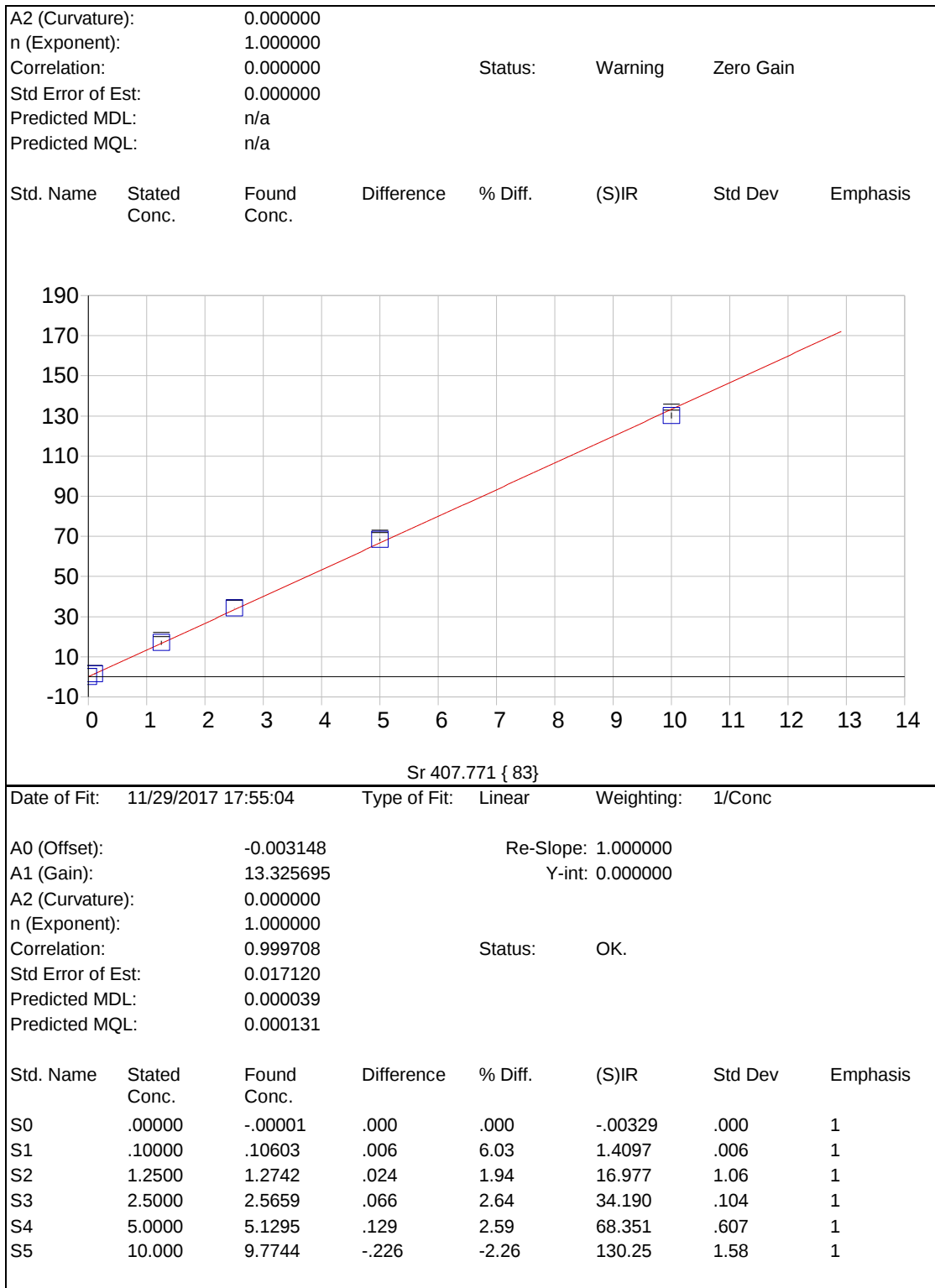


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 11/29/2017 12:32:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	-.00018	-.00027	-.00021	.00028	-.00004	-.00016	-.01633	-.00151
Stddev	.00008	.00008	.00014	.00004	.00021	.00009	.00018	.00007
%RSD	43.529	27.978	65.662	14.133	556.03	56.874	1.1305	4.7521

#1	-.00027	-.00021	-.00009	.00026	-.00015	-.00027	-.01646	-.00154
#2	-.00015	-.00024	-.00036	.00032	.00020	-.00013	-.01612	-.00142
#3	-.00013	-.00036	-.00017	.00025	-.00016	-.00009	-.01640	-.00155

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	-.00030	.00132	-.00001	-.00021	.00184	.00010	-.00008	-.00043
Stddev	.00006	.00032	.00001	.00018	.00019	.00006	.00019	.00029
%RSD	21.022	24.569	153.65	85.394	10.517	62.321	243.50	68.559

#1	-.00035	.00164	-.00002	-.00015	.00184	.00017	-.00018	-.00023
#2	-.00030	.00099	.00001	-.00007	.00164	.00004	-.00019	-.00077
#3	-.00023	.00132	-.00001	-.00041	.00203	.00010	.00014	-.00029

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00109	-.00016	-.00565	-.00019	.00006	.01630	.00003	.00339
Stddev	.00009	.00001	.00080	.00004	.00067	.00006	.00003	.00036
%RSD	8.6325	8.1045	14.125	22.279	1072.0	.36845	98.154	10.563

#1	-.00116	-.00016	-.00541	-.00016	-.00068	.01632	.00001	.00361
#2	-.00112	-.00017	-.00500	-.00023	.00022	.01623	.00005	.00359
#3	-.00098	-.00014	-.00654	-.00017	.00064	.01635	.00001	.00298

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	.00061	.00101	.00220	.00018	.00136	.04357	-.00329	
Stddev	.00018	.00008	.00026	.00008	.00015	.00090	.00023	
%RSD	29.857	7.5342	11.735	43.596	10.687	2.0546	6.8446	

#1	.00066	.00109	.00232	.00026	.00147	.04435	-.00354	
#2	.00076	.00095	.00190	.00011	.00119	.04377	-.00310	
#3	.00041	.00098	.00237	.00017	.00142	.04260	-.00325	

Sample Name: S0 Acquired: 11/29/2017 12:32:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.3	2662.6	43592.	7676.6	4096.8
Stddev	17.4	4.9	597.	58.0	2.9
%RSD	1.2668	.18560	1.3694	.75542	.07089
#1	1365.2	2664.2	43236.	7654.2	4098.0
#2	1365.4	2666.5	43258.	7633.1	4099.0
#3	1395.4	2657.1	44281.	7742.4	4093.5

Sample Name: S1 Acquired: 11/29/2017 12:37:21 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
 User: JASWAL 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	.00022	.00098	.00115	.00264	.00976	.02145	.89171	.01547
Stddev	.00012	.00006	.00014	.00010	.00026	.00054	.00368	.00013
%RSD	53.164	6.0859	11.952	3.6283	2.6237	2.5258	.41228	.85204

#1	.00024	.00101	.00123	.00274	.00948	.02130	.89555	.01533
#2	.00010	.00091	.00123	.00254	.00999	.02100	.89135	.01551
#3	.00033	.00101	.00099	.00265	.00981	.02205	.88823	.01559

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	.00865	.27250	.00119	.03423	.00722	.00312	.00726	.04694
Stddev	.00016	.00122	.00003	.00018	.00023	.00010	.00014	.00040
%RSD	1.8343	.44821	2.2869	.51189	3.1949	3.1727	1.9720	.84461

#1	.00882	.27224	.00121	.03433	.00696	.00300	.00721	.04672
#2	.00862	.27383	.00116	.03403	.00740	.00317	.00742	.04670
#3	.00850	.27142	.00120	.03434	.00729	.00318	.00715	.04740

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	.01501	.00322	.02800	.00444	.01452	.14133	.00045	.00722
Stddev	.00009	.00005	.00133	.00003	.00075	.00028	.00003	.00023
%RSD	.60765	1.5425	4.7683	.76029	5.1825	.19944	7.5004	3.1417

#1	.01511	.00328	.02909	.00442	.01440	.14106	.00042	.00696
#2	.01493	.00318	.02839	.00448	.01533	.14130	.00049	.00731
#3	.01500	.00321	.02651	.00442	.01384	.14162	.00046	.00739

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	.00861	.00316	.03915	.00061	.05021	.11667	1.4097	
Stddev	.00012	.00013	.00019	.00001	.00031	.00092	.0063	
%RSD	1.3681	4.1916	.48287	1.6878	.60785	.79006	.44754	

#1	.00851	.00320	.03923	.00060	.05056	.11713	1.4155	
#2	.00874	.00301	.03927	.00062	.05007	.11726	1.4107	
#3	.00856	.00326	.03893	.00061	.05001	.11560	1.4030	

Sample Name: S1 Acquired: 11/29/2017 12:37:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.4	2665.7	43263.	7716.3	4034.9
Stddev	7.6	3.0	141.	25.3	4.1
%RSD	.55839	.11439	.32635	.32795	.10214
#1	1367.8	2667.4	43297.	7742.4	4037.7
#2	1354.6	2662.2	43108.	7691.9	4030.2
#3	1367.8	2667.5	43384.	7714.6	4036.8

Sample Name: S2 Acquired: 11/29/2017 12:41:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.05088	.06388	.94132	.07988	.19764	4.0710	10.927	.38916
Stddev	.00140	.00209	.02931	.00239	.00604	.2622	.700	.01895
%RSD	2.7576	3.2747	3.1142	2.9910	3.0575	6.4417	6.4035	4.8690

#1	.04929	.06155	.90842	.07713	.19099	4.1208	11.053	.39459
#2	.05194	.06561	.96466	.08151	.20280	4.3048	11.556	.40480
#3	.05141	.06446	.95088	.08099	.19914	3.7874	10.173	.36809

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1157	3.3118	.43125	.43279	.75313	1.0562	1.6701	.57429
Stddev	.0354	.2124	.01605	.01426	.04805	.0667	.1052	.03641
%RSD	3.1742	6.4125	3.7213	3.2946	6.3796	6.3158	6.2972	6.3394

#1	1.0760	3.3369	.44977	.41682	.76133	1.0672	1.6818	.57920
#2	1.1440	3.5104	.42146	.44423	.79654	1.1168	1.7690	.60799
#3	1.1271	3.0879	.42252	.43732	.70150	.98471	1.5596	.53567

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	.24317	.08327	.24367	.05262	.87119	.92894	.03690	.48434
Stddev	.00774	.00355	.01581	.00339	.03307	.05716	.00133	.02566
%RSD	3.1814	4.2678	6.4896	6.4495	3.7958	6.1534	3.6122	5.2986

#1	.23445	.08736	.24554	.05304	.90464	.93847	.03550	.49157
#2	.24921	.08151	.25846	.05579	.87042	.98074	.03816	.50561
#3	.24584	.08095	.22700	.04904	.83851	.86761	.03704	.45584

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	.95229	.02993	.45583	.08188	.59453	2.0483	16.977	
Stddev	.02902	.00118	.02453	.00264	.03955	.1322	1.064	
%RSD	3.0478	3.9528	5.3816	3.2188	6.6521	6.4537	6.2671	

#1	.91956	.02861	.46373	.07890	.60056	2.0677	17.191	
#2	.97489	.03089	.47544	.08393	.63072	2.1696	17.917	
#3	.96241	.03030	.42833	.08280	.55231	1.9074	15.822	

Sample Name: S2 Acquired: 11/29/2017 12:41:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1244.9	2532.4	39894.	7601.7	3505.4
Stddev	46.7	65.1	1364.	436.6	97.4
%RSD	3.7511	2.5711	3.4193	5.7429	2.7794
#1	1195.0	2603.6	38355.	7514.4	3612.9
#2	1252.2	2475.8	40370.	7215.4	3423.0
#3	1287.6	2517.9	40955.	8075.4	3480.3

Sample Name: S3 Acquired: 11/29/2017 12:45:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.10428	.12644	1.9060	.16329	.40291	8.3350	22.155	.78443
Stddev	.00240	.00283	.0410	.00317	.00922	.0250	.075	.00647
%RSD	2.2976	2.2354	2.1503	1.9407	2.2891	.29996	.33799	.82440

#1	.10524	.12803	1.9299	.16508	.40795	8.3084	22.070	.78563
#2	.10605	.12811	1.9294	.16515	.40851	8.3385	22.209	.77744
#3	.10156	.12318	1.8587	.15963	.39226	8.3580	22.186	.79021

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	2.2887	6.6841	.83849	.88998	1.5256	2.1038	3.3244	1.1752
Stddev	.0492	.0351	.00437	.01949	.0064	.0112	.0162	.0056
%RSD	2.1496	.52446	.52111	2.1903	.41972	.53145	.48841	.47570

#1	2.3185	6.6470	.84231	.90098	1.5200	2.0915	3.3065	1.1690
#2	2.3157	6.6886	.83943	.90149	1.5241	2.1065	3.3283	1.1766
#3	2.2319	6.7167	.83372	.86747	1.5326	2.1134	3.3382	1.1799

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	.49786	.16863	.50116	.10640	1.7630	1.8865	.07759	.96714
Stddev	.01126	.00178	.00135	.00037	.0243	.0080	.00186	.00458
%RSD	2.2613	1.0569	.26861	.35176	1.3757	.42211	2.4022	.47346

#1	.50456	.16935	.49965	.10615	1.7536	1.8775	.07869	.96635
#2	.50415	.16995	.50160	.10683	1.7906	1.8896	.07864	.96301
#3	.48486	.16661	.50224	.10623	1.7449	1.8925	.07544	.97207

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	1.9094	.06300	.90295	.16805	1.1964	4.1460	34.190	
Stddev	.0403	.00164	.00735	.00304	.0028	.0162	.104	
%RSD	2.1086	2.5957	.81435	1.8109	.23546	.39088	.30563	

#1	1.9327	.06387	.90417	.16956	1.1936	4.1289	34.073	
#2	1.9325	.06402	.89507	.17005	1.1965	4.1611	34.222	
#3	1.8629	.06111	.90962	.16455	1.1992	4.1479	34.275	

Sample Name: S3 Acquired: 11/29/2017 12:45:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1205.2	2414.2	39040.	7435.5	3227.3
Stddev	12.9	47.3	480.	36.6	66.1
%RSD	1.0699	1.9578	1.2289	.49268	2.0474
#1	1208.7	2389.9	38933.	7457.1	3192.5
#2	1190.9	2384.0	38622.	7456.2	3186.0
#3	1215.9	2468.6	39564.	7393.2	3303.5

Sample Name: S4 Acquired: 11/29/2017 12:49:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.21712	.24878	3.8609	.33376	.83698	17.219	43.619	1.5956
Stddev	.00369	.00393	.0611	.00588	.01413	.067	.271	.0112
%RSD	1.7002	1.5780	1.5835	1.7631	1.6883	.38925	.62069	.70085

#1	.21944	.25143	3.8966	.33743	.84722	17.296	43.880	1.6084
#2	.21286	.24427	3.7903	.32697	.82086	17.175	43.638	1.5879
#3	.21906	.25063	3.8958	.33687	.84286	17.186	43.339	1.5904

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	4.6675	13.505	1.6645	1.8212	3.0982	4.1624	6.5797	2.4142
Stddev	.0709	.079	.0039	.0282	.0120	.0220	.0404	.0131
%RSD	1.5196	.58243	.23497	1.5501	.38651	.52798	.61417	.54099

#1	4.7021	13.596	1.6603	1.8373	3.1107	4.1878	6.6259	2.4290
#2	4.5859	13.462	1.6654	1.7886	3.0971	4.1486	6.5625	2.4045
#3	4.7146	13.459	1.6680	1.8376	3.0869	4.1509	6.5508	2.4090

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	1.0135	.35596	1.0260	.21219	3.6912	3.8930	.16491	1.9018
Stddev	.0150	.00079	.0057	.00086	.0278	.0128	.00242	.0092
%RSD	1.4779	.22314	.55512	.40415	.75237	.32917	1.4674	.48567

#1	1.0212	.35532	1.0326	.21318	3.7230	3.9062	.16646	1.9121
#2	.99621	.35685	1.0230	.21182	3.6720	3.8924	.16212	1.8991
#3	1.0230	.35570	1.0225	.21159	3.6786	3.8805	.16615	1.8942

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.8221	.13377	1.7929	.34482	2.4016	8.5676	68.351	
Stddev	.0626	.00212	.0094	.00538	.0084	.0363	.607	
%RSD	1.6367	1.5873	.52231	1.5609	.34864	.42369	.88741	

#1	3.8667	.13534	1.8034	.34729	2.4113	8.6093	68.188	
#2	3.7506	.13136	1.7897	.33865	2.3970	8.5429	69.022	
#3	3.8489	.13462	1.7855	.34854	2.3966	8.5507	67.842	

Sample Name: S4 Acquired: 11/29/2017 12:49:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1124.3	2264.4	37271.	7290.9	2918.2
Stddev	8.6	32.6	59.	50.6	38.4
%RSD	.76820	1.4401	.15908	.69345	1.3162
#1	1114.4	2237.1	37261.	7232.9	2889.9
#2	1128.0	2300.5	37218.	7313.9	2962.0
#3	1130.4	2255.6	37335.	7325.8	2902.8

Sample Name: S5 Acquired: 11/29/2017 12:53:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.45625	.48505	7.7071	.68701	1.7674	34.506	85.899	3.1339
Stddev	.00145	.00298	.0326	.00408	.0083	.394	.588	.0448
%RSD	.31851	.61413	.42274	.59364	.46749	1.1422	.68481	1.4301

#1	.45467	.48178	7.6697	.68242	1.7584	34.111	85.800	3.1139
#2	.45752	.48578	7.7224	.69021	1.7746	34.509	85.366	3.1026
#3	.45658	.48760	7.7292	.68841	1.7692	34.899	86.530	3.1852

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.2756	26.177	3.1805	3.6609	6.1847	7.8686	12.509	4.7048
Stddev	.0458	.242	.0587	.0187	.0570	.0906	.106	.0516
%RSD	.49370	.92418	1.8452	.51171	.92202	1.1514	.84951	1.0968

#1	9.2240	25.954	3.1753	3.6394	6.1255	7.7874	12.414	4.6566
#2	9.2910	26.143	3.1246	3.6694	6.1892	7.8520	12.488	4.6986
#3	9.3116	26.434	3.2416	3.6739	6.2393	7.9663	12.624	4.7592

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	2.0208	.75817	2.0340	.40951	7.7645	7.8375	.35001	3.5350
Stddev	.0100	.01110	.0169	.00396	.0397	.0685	.00272	.0399
%RSD	.49542	1.4645	.82974	.96604	.51099	.87428	.77793	1.1280

#1	2.0098	.75787	2.0173	.40522	7.7233	7.7685	.34691	3.5174
#2	2.0232	.74721	2.0336	.41031	7.7678	7.8387	.35110	3.5069
#3	2.0294	.76941	2.0511	.41301	7.8024	7.9055	.35201	3.5806

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	7.6171	.28006	3.4240	.69079	4.6559	17.102	130.25	
Stddev	.0465	.00137	.0406	.00397	.0520	.134	1.58	
%RSD	.60988	.48898	1.1859	.57438	1.1176	.78114	1.2101	

#1	7.5645	.27851	3.4038	.68621	4.6041	16.968	128.46	
#2	7.6525	.28112	3.3974	.69289	4.6554	17.101	131.44	
#3	7.6344	.28055	3.4707	.69327	4.7082	17.235	130.85	

Sample Name: S5 Acquired: 11/29/2017 12:53:18 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1028.0	2056.1	35611.	7322.3	2576.1
Stddev	2.7	11.7	367.	59.0	11.7
%RSD	.25826	.57025	1.0314	.80531	.45471
#1	1027.2	2068.9	35618.	7360.2	2589.6
#2	1031.0	2045.8	35974.	7352.4	2568.7
#3	1025.9	2053.5	35240.	7254.4	2570.0

Sample Name: S6 Acquired: 11/29/2017 12:57:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: IR Corr. Factor: 1.000000
 User: JASWAL 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	90.049	44.052	20.408	7.5212	5.5477
Stddev	2.698	1.487	.657	.2465	.1776
%RSD	2.9958	3.3760	3.2186	3.2777	3.2015

#1	91.099	44.707	20.651	7.6221	5.6190
#2	86.984	42.350	19.665	7.2402	5.3455
#3	92.063	45.100	20.910	7.7013	5.6786

Int. Std.	Y_3710
Units	Cts/S
Avg	6930.2
Stddev	207.9
%RSD	2.9999

#1	6825.0
#2	7169.7
#3	6796.0

Sample Name: ICV Acquired: 11/29/2017 13:01:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9427855	1.101884	.9830931	.9750937	.9562476	2.437898	.5052977
Stddev	.0064402	.002844	.0038802	.0075694	.0009455	.020191	.0050884
%RSD	.6831030	.2580730	.3946930	.7762730	.0988809	.8282006	1.007000

#1	.9413300	1.100574	.9851758	.9836114	.9554821	2.460939	.5110676
#2	.9498289	1.099931	.9786162	.9691372	.9559561	2.429460	.5033733
#3	.9371977	1.105146	.9854872	.9725324	.9573046	2.423296	.5014523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4842508	.4670627	9.609440	.5154393	.4776883	.4949419	5.432338
Stddev	.0057838	.0004796	.073347	.0085762	.0004949	.0042776	.057117
%RSD	1.194373	.1026922	.7632802	1.663866	.1036035	.8642672	1.051417

#1	.4902031	.4670620	9.680372	.5246465	.4782566	.4994606	5.489101
#2	.4838976	.4665835	9.614052	.5139934	.4774563	.4909551	5.433041
#3	.4786518	.4675427	9.533895	.5076779	.4773521	.4944101	5.374874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5241221	5.598505	.4855988	.5365450	9.615657	.4827584	.9819266
Stddev	.0041041	.063473	.0011569	.0083371	.122808	.0016553	.0147065
%RSD	.7830451	1.133751	.2382404	1.553848	1.277172	.3428893	1.497721

#1	.5283159	5.671038	.4864056	.5454857	9.587832	.4846382	.9933735
#2	.5239365	5.571349	.4842733	.5351657	9.749991	.4815188	.9870663
#3	.5201140	5.553127	.4861176	.5289836	9.509149	.4821180	.9653400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.434221	5.327240	5.466177	5.483576	4.537720	5.386575	4.506107
Stddev	.100358	.004244	.050169	.009005	.006888	.053345	.008783
%RSD	1.063771	.0796652	.9178109	.1642143	.1517863	.9903313	.1949185

#1	9.549781	5.325578	5.510819	5.479173	4.541096	5.434324	4.503388
#2	9.368941	5.324078	5.475830	5.477619	4.529795	5.396401	4.499004
#3	9.383941	5.332063	5.411883	5.493935	4.542268	5.329000	4.515928

Sample Name: ICV Acquired: 11/29/2017 13:01:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.311545	5.021539	5.356423
Stddev	.043248	.055359	.024380
%RSD	.8142308	1.102436	.4551623

#1	5.361386	5.084840	5.352679
#2	5.289328	4.997594	5.382459
#3	5.283920	4.982182	5.334131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1292.739	2512.326	41425.13	7599.623	3691.692
Stddev	20.455	2.133	691.39	84.843	6.559
%RSD	1.582331	.0849170	1.669020	1.116415	.1776792

#1	1274.630	2513.838	40745.51	7539.587	3692.265
#2	1288.660	2513.255	41402.14	7562.596	3697.946
#3	1314.926	2509.886	42127.73	7696.687	3684.865

Sample Name: ICB Acquired: 11/29/2017 13:24:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000375	.0003059	-.000238	-.000299	-.000662	-.001139	-.000313
Stddev	.003564	.0020957	.000561	.003061	.000766	.000679	.000236
%RSD	949.9590	685.1360	236.4158	1023.731	115.7528	59.62401	75.53243

#1	.000263	.0015756	-.000556	.002262	.000210	-.000935	-.000584
#2	-.004215	.0014551	-.000567	-.003690	-.000970	-.000585	-.000204
#3	.002827	-.002113	.000411	.000531	-.001226	-.001896	-.000150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	-.000038	-.003103	.0004416	-.000024	.0003031	.0010704
Stddev	.000047	.000037	.004647	.0003245	.000147	.0013300	.0078624
%RSD	62.41657	96.07035	149.7452	73.48299	604.4392	438.8385	734.5519

#1	-.000044	-.000055	-.007084	.0007829	-.000071	-.000373	.0066437
#2	-.000129	-.000063	-.004231	.0004047	.000140	.001835	-.007923
#3	-.000052	.000004	.002004	.0001371	-.000142	-.000553	.004490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000494	.0353446	-.000019	.0002189	.0217560	.0020998	-.001102
Stddev	.0004685	.0121443	.000010	.0001117	.0494785	.0017163	.001823
%RSD	948.4724	34.35958	51.09312	51.05597	227.4250	81.73617	165.3365

#1	.0005020	.0466119	-.000011	.0002273	.0094935	.0001360	.000842
#2	.0000797	.0224813	-.000030	.0003261	.0762126	.0033128	-.002773
#3	-.000434	.0369406	-.000017	.0001031	-.020438	.0028506	-.001376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002262	.0012338	.0015399	.0003848	-.006891	-.001380	.0003914
Stddev	.022052	.0015732	.0002069	.0001245	.002086	.000814	.0008825
%RSD	974.9533	127.5104	13.43314	32.35944	30.27227	58.98309	225.4720

#1	.019870	.0008156	.0015599	.0005284	-.006461	-.000476	.0009885
#2	-.024233	-.000088	.0013238	.0003064	-.005054	-.001611	.0008080
#3	-.002423	.002974	.0017360	.0003196	-.009159	-.002054	-.000622

Sample Name: ICB Acquired: 11/29/2017 13:24:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000016	.0033314	-.000037
Stddev	.0000850	.0009195	.000008
%RSD	5204.325	27.60067	21.11227

#1	-.000025	.0042696	-.000046
#2	.000097	.0032928	-.000034
#3	-.000067	.0024318	-.000031

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1299.798	2551.664	43219.21	7888.139	4060.155
Stddev	16.168	12.284	280.71	47.311	13.402
%RSD	1.243892	.4814068	.6495032	.5997733	.3300795

#1	1285.940	2544.184	42953.20	7847.612	4054.039
#2	1295.892	2544.967	43191.83	7876.677	4050.902
#3	1317.561	2565.841	43512.61	7940.128	4075.523

Sample Name: CCV097 Acquired: 11/29/2017 13:28:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.129913	4.756219	24.41385	5.103732	5.160534	402.6107	10.16745
Stddev	.010860	.003794	.05315	.006753	.017049	3.5948	.07250
%RSD	.2117025	.0797668	.2177108	.1323183	.3303777	.8928772	.7130431

#1	5.138005	4.760359	24.36093	5.101946	5.143439	402.6129	10.23832
#2	5.134163	4.755390	24.41338	5.098051	5.160624	406.2043	10.17059
#3	5.117570	4.752908	24.46723	5.111198	5.177538	399.0147	10.09343

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4759605	2.494763	386.4721	14.84106	2.521939	15.17607	401.7642
Stddev	.0024833	.004971	1.5295	.07008	.006070	.02949	.1892
%RSD	.5217458	.1992725	.3957583	.4722357	.2406857	.1943100	.0470956

#1	.4783682	2.489905	387.0984	14.90682	2.515494	15.20808	401.9429
#2	.4761052	2.494545	387.5890	14.84903	2.522775	15.17012	401.7837
#3	.4734080	2.499840	384.7288	14.76733	2.527547	15.15001	401.5659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.42476	397.6588	2.513105	1.220590	393.0756	2.439186	15.57995
Stddev	.04087	.4416	.008786	.007814	.5465	.004813	.03094
%RSD	.2833157	.1110539	.3495892	.6401867	.1390236	.1973223	.1985803

#1	14.42489	398.0956	2.508263	1.228890	393.4751	2.444714	15.58383
#2	14.46557	397.6683	2.507805	1.219505	393.2988	2.436919	15.60877
#3	14.38383	397.2125	2.523246	1.213376	392.4529	2.435925	15.54726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.1035	5.003427	4.984179	5.057119	4.999969	4.715897	4.936129
Stddev	.2956	.016780	.026619	.010343	.009984	.027022	.007116
%RSD	.1905817	.3353753	.5340794	.2045329	.1996737	.5729937	.1441656

#1	155.1400	5.020456	5.011456	5.045299	5.004715	4.740997	4.943876
#2	155.3791	5.002918	4.982810	5.061543	5.006694	4.719399	4.929883
#3	154.7913	4.986907	4.958270	5.064514	4.988498	4.687295	4.934628

Sample Name: CCV097 Acquired: 11/29/2017 13:28:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV097 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.933530	5.233500	5.144117
Stddev	.003324	.022007	.009544
%RSD	.0673776	.4205031	.1855372

#1	4.937368	5.252612	5.152489
#2	4.931670	5.238449	5.133724
#3	4.931552	5.209440	5.146138

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1027.909	2030.960	35382.48	7450.642	2544.504
Stddev	5.797	4.132	181.39	37.010	6.546
%RSD	.5639605	.2034341	.5126621	.4967407	.2572468

#1	1023.051	2032.943	35226.96	7419.051	2545.926
#2	1026.351	2033.727	35338.72	7441.512	2550.222
#3	1034.326	2026.211	35581.74	7491.363	2537.364

Sample Name: CCB097 Acquired: 11/29/2017 13:33:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	-.000475	-.002159	.0007909	-.000760	-.003048	-.000140
Stddev	.002829	.001409	.000147	.0008735	.001544	.000536	.000085
%RSD	2406.148	296.5032	6.829816	110.4462	203.1434	17.58302	60.67320

#1	-.002839	.000968	-.002150	.0009048	.000378	-.003621	-.000234
#2	-.000321	-.001848	-.002016	.0016019	-.000141	-.002560	-.000069
#3	.002807	-.000546	-.002310	-.000134	-.002518	-.002962	-.000117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000068	-.000114	.0039498	.0003081	.0000128	.0007269	.0047242
Stddev	.000055	.000070	.0057463	.0003458	.0000586	.0012721	.0043523
%RSD	80.75880	61.44689	145.4820	112.2215	459.4140	174.9901	92.12901

#1	-.000093	-.000135	.0036363	.0000272	.0000804	.0010258	-.000275
#2	-.000105	-.000171	.0098464	.0002029	-.000021	-.000668	.007666
#3	-.000005	-.000036	-.001633	.0006943	-.000021	.001823	.006782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002781	.0118774	.0001422	.0001861	.0527066	.0001425	.0017073
Stddev	.0000809	.0076022	.0001967	.0001604	.0549669	.0018676	.0021407
%RSD	29.09574	64.00530	138.3384	86.21965	104.2885	1310.221	125.3853

#1	.0002352	.0044420	.0003473	.0000416	.1000391	.0012048	.0035896
#2	.0003714	.0196360	.0001240	.0003587	-.007581	.0012368	.0021539
#3	.0002277	.0115542	-.000045	.0001579	.065661	-.002014	-.000621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097502	.0016355	.0046547	.0004773	-.006836	-.001880	.0007989
Stddev	.0357721	.0012010	.0002980	.0002680	.000959	.000434	.0002991
%RSD	32.59414	73.43065	6.401177	56.15750	14.03289	23.11584	37.44142

#1	.0770079	.0014940	.0048600	.0006408	-.005921	-.001854	.0010366
#2	.1479297	.0029010	.0043130	.0001680	-.006754	-.002326	.0008969
#3	.1043131	.0005116	.0047912	.0006231	-.007834	-.001458	.0004630

Sample Name: CCB097 Acquired: 11/29/2017 13:33:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000014	.0065357	-.000025
Stddev	.000444	.0009286	.000044
%RSD	3269.657	14.20846	177.6099

#1	.000461	.0071849	-.000002
#2	-.000084	.0069501	-.000076
#3	-.000418	.0054720	.000003

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.965	2554.452	43033.18	7805.505	4059.150
Stddev	16.949	3.978	315.09	56.712	5.513
%RSD	1.312928	.1557237	.7322050	.7265619	.1358242

#1	1275.038	2551.953	42704.03	7845.022	4055.653
#2	1289.078	2552.363	43063.48	7740.525	4056.291
#3	1308.779	2559.039	43332.02	7830.970	4065.506

Sample Name: FE 100PPM Acquired: 11/29/2017 13:37:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007097	-.013169	.0037048	-.019505	.0010890	-.004512	.0002108
Stddev	.002331	.000653	.0005637	.000918	.0012262	.003677	.0001497
%RSD	32.84867	4.955409	15.21434	4.706137	112.6046	81.49040	70.98341

#1	-.005110	-.012815	.0030558	-.018811	.0023085	-.008659	.0000511
#2	-.006517	-.013923	.0040716	-.019159	.0011023	-.003232	.0002335
#3	-.009663	-.012770	.0039870	-.020546	-.000144	-.001647	.0003479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012485	.0037747	.6761671	-.000846	.0021106	-.006470	115.2201
Stddev	.0000825	.0000282	.0159950	.000573	.0001810	.000486	.1826
%RSD	6.607502	.7477483	2.365544	67.73639	8.575742	7.518257	.1584835

#1	.0012581	.0037646	.6824905	-.000344	.0019243	-.006059	115.0727
#2	.0013258	.0037529	.6579771	-.001470	.0022857	-.006345	115.4244
#3	.0011616	.0038066	.6880339	-.000724	.0021219	-.007007	115.1632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003232	.0218489	.0034382	-.005715	.3894369	.0016593	.0082372
Stddev	.0002247	.0137413	.0002385	.000128	.0510828	.0006363	.0024236
%RSD	69.50971	62.89259	6.938067	2.234111	13.11710	38.34706	29.42258

#1	.0004268	.0094040	.0031731	-.005776	.3877606	.0023842	.0102487
#2	.0004775	.0195468	.0036356	-.005802	.3392129	.0011935	.0089165
#3	.0000655	.0365959	.0035058	-.005569	.4413374	.0014000	.0055464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433613	.0042355	-.343399	-.001313	-.012721	-.008777	.0028510
Stddev	.0293480	.0035884	.001634	.000118	.001894	.000824	.0004771
%RSD	67.68245	84.72204	.4759730	9.018707	14.89178	9.387611	16.73233

#1	.0524702	.0082586	-.344745	-.001310	-.011169	-.007980	.0030299
#2	.0105390	.0030828	-.341580	-.001196	-.012161	-.008724	.0023104
#3	.0670749	.0013651	-.343872	-.001433	-.014832	-.009625	.0032128

Sample Name: FE 100PPM Acquired: 11/29/2017 13:37:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006816	.0000031	.0000778
Stddev	.0006190	.0008569	.0000170
%RSD	90.80722	27774.13	21.85495

#1	.0006002	.0007190	.0000602
#2	.0001074	.0002365	.0000941
#3	.0013373	-.000946	.0000792

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1282.126	2518.624	42786.46	7907.784	3886.500
Stddev	9.780	12.845	272.72	27.805	16.265
%RSD	.7627945	.5100133	.6374069	.3516187	.4185061

#1	1289.345	2509.109	43083.89	7877.881	3877.332
#2	1286.037	2513.528	42727.35	7932.860	3876.887
#3	1270.995	2533.236	42548.13	7912.610	3905.279

Sample Name: FE 250PPM Acquired: 11/29/2017 13:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014438	-.028931	.0096678	-.051937	.0027935	-.008906	.0007846
Stddev	.001553	.001074	.0016432	.004640	.0016669	.000762	.0000798
%RSD	10.75653	3.710808	16.99688	8.934068	59.67139	8.558190	10.16727

#1	-.016127	-.027702	.0115241	-.050603	.0012389	-.009549	.0008665
#2	-.014117	-.029684	.0090800	-.048110	.0045537	-.009105	.0007799
#3	-.013071	-.029408	.0083993	-.057098	.0025878	-.008064	.0007072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029910	.0095375	1.650508	-.001927	.0057440	-.016511	278.2400
Stddev	.0000738	.0001596	.036615	.000189	.0000321	.000564	.9058
%RSD	2.467374	1.673321	2.218406	9.784287	.5582717	3.418171	.3255451

#1	.0029810	.0093559	1.681652	-.002128	.0057762	-.015893	278.0467
#2	.0029227	.0096554	1.610173	-.001754	.0057121	-.016999	277.4464
#3	.0030692	.0096012	1.659698	-.001897	.0057438	-.016642	279.2268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006818	.0414536	.0083587	-.013522	.8496813	.0036225	.0246608
Stddev	.0004349	.0025260	.0006157	.000106	.1028855	.0006152	.0036285
%RSD	63.78688	6.093480	7.366412	.7823367	12.10872	16.98226	14.71345

#1	.0004061	.0415548	.0084237	-.013440	.8470426	.0038171	.0218715
#2	.0004562	.0439274	.0077130	-.013484	.9538607	.0041168	.0287629
#3	.0011831	.0388785	.0089393	-.013641	.7481405	.0029335	.0233479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289643	.0054937	-.829652	-.003293	-.013153	-.018466	.0051761
Stddev	.0224026	.0033901	.004818	.000074	.000941	.000151	.0006808
%RSD	77.34568	61.71003	.5807069	2.244296	7.150953	.8178575	13.15312

#1	.0031215	.0041635	-.829658	-.003213	-.013156	-.018345	.0055505
#2	.0408902	.0093472	-.824830	-.003306	-.014092	-.018418	.0055875
#3	.0428811	.0029703	-.834466	-.003359	-.012211	-.018635	.0043902

Sample Name: FE 250PPM Acquired: 11/29/2017 13:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000240	-.004334	.0000645
Stddev	.000376	.000649	.0000369
%RSD	157.0860	14.96312	57.17458

#1	-.000619	-.004252	.0001059
#2	-.000233	-.003731	.0000525
#3	.000133	-.005020	.0000351

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1269.279	2487.296	42161.20	7865.689	3748.928
Stddev	12.515	12.350	247.40	24.140	18.645
%RSD	.9860250	.4965085	.5867898	.3068982	.4973357

#1	1261.301	2482.489	42008.39	7841.075	3749.863
#2	1262.833	2478.073	42028.58	7889.324	3729.834
#3	1283.704	2501.327	42446.63	7866.667	3767.088

Sample Name: CA 250PPM Acquired: 11/29/2017 13:46:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.002458	-.001643	.0025744	-.000007	.0928292	.0002647
Stddev	.003724	.001813	.002087	.0015323	.002004	.0033306	.0000229
%RSD	43290.31	73.78449	126.9763	59.51849	27694.60	3.587835	8.658551

#1	-.002056	-.001598	-.003600	.0020253	.000650	.0963850	.0002470
#2	-.002259	-.004541	-.001882	.0013924	-.002258	.0897825	.0002565
#3	.004290	-.001234	.000552	.0043056	.001586	.0923200	.0002905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000093	-.000056	255.9122	.0028129	-.001124	.0004058	.0585506
Stddev	.000017	.000059	1.3007	.0001042	.000224	.0010255	.0030936
%RSD	18.68807	105.2502	.5082514	3.704737	19.90975	252.7210	5.283546

#1	-.000086	-.000122	255.2784	.0027781	-.000888	-.000732	.0567044
#2	-.000080	-.000007	255.0499	.0027305	-.001151	.000691	.0568254
#3	-.000112	-.000039	257.4083	.0029300	-.001333	.001259	.0621221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008458	.0761228	.0014398	.0002780	.0218374	-.000420	.0019549
Stddev	.0003921	.0089372	.0001567	.0001988	.1602554	.001251	.0027801
%RSD	46.35298	11.74047	10.88432	71.51860	733.8570	297.8358	142.2080

#1	.0005190	.0764174	.0015267	.0003726	-.079680	.001018	.0004295
#2	.0007379	.0849090	.0012588	.0000495	.206583	-.001253	.0051638
#3	.0012805	.0670420	.0015337	.0004117	-.061391	-.001026	.0002715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461587	.0040252	-.000649	.0001495	.0333621	-.001199	-.004595
Stddev	.0155845	.0023961	.000487	.0002797	.0024561	.000429	.000712
%RSD	33.76294	59.52670	75.01876	187.1509	7.361822	35.81460	15.50310

#1	.0285027	.0016089	-.000168	.0004689	.0310369	-.000799	-.005386
#2	.0519740	.0040661	-.001141	.0000309	.0331187	-.001653	-.004004
#3	.0579993	.0064006	-.000637	-.000051	.0359309	-.001146	-.004396

Sample Name: CA 250PPM Acquired: 11/29/2017 13:46:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.005399	-.004880	.0189600
Stddev	.000114	.000651	.0001124
%RSD	2.117965	13.33646	.5927115

#1	-.005385	-.004308	.0188827
#2	-.005520	-.004744	.0190889
#3	-.005292	-.005589	.0189084

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1177.152	2306.557	39126.28	7651.508	3384.318
Stddev	13.342	10.709	661.63	18.925	13.157
%RSD	1.133410	.4642916	1.691023	.2473426	.3887604

#1	1189.077	2295.087	39732.66	7648.837	3369.847
#2	1179.636	2316.295	39225.55	7671.627	3395.560
#3	1162.743	2308.289	38420.61	7634.060	3387.547

Sample Name: MG 250PPM Acquired: 11/29/2017 13:50:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009418	-.000679	-.000247	.0009336	-.000385	.0676335	-.000331
Stddev	.0021524	.000701	.002026	.0024880	.000715	.0028595	.000162
%RSD	228.5426	103.2888	820.2975	266.5096	185.8673	4.227940	49.13684

#1	-.000105	-.000023	-.000548	.0007447	-.000377	.0709317	-.000374
#2	.003417	-.001418	-.002106	.0035107	-.001103	.0658500	-.000467
#3	-.000487	-.000596	.001913	-.001455	.000326	.0661188	-.000151

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	-.000089	.1132933	.0001020	.0000652	.0009485	.0181926
Stddev	.000056	.000070	.0049949	.0004029	.0001898	.0006794	.0091486
%RSD	36.04138	78.74589	4.408844	394.8170	290.9302	71.63229	50.28745

#1	-.000095	-.000080	.1171292	.0002525	.0002007	.0001664	.0272815
#2	-.000166	-.000024	.1076453	-.000354	-.000152	.0012862	.0089855
#3	-.000206	-.000163	.1151055	.000408	.000147	.0013930	.0183108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004228	261.1593	.0000735	-.000006	-.032518	.0018676	-.000677
Stddev	.0001461	.2297	.0004319	.000379	.005366	.0023092	.003815
%RSD	34.55267	.0879603	587.4018	6455.679	16.50229	123.6492	563.9256

#1	.0005888	261.2851	.0005610	.000239	-.027796	.0042365	-.004691
#2	.0003134	260.8942	-.000261	.000186	-.031405	-.000377	.002903
#3	.0003663	261.2988	-.000079	-.000442	-.038354	.001743	-.000242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0337220	.0024522	-.001437	.0000289	.0020290	-.002804	.0002181
Stddev	.0357503	.0024196	.000858	.0003116	.0047345	.001377	.0005382
%RSD	106.0150	98.66836	59.69827	1080.089	233.3464	49.12181	246.7847

#1	-.003356	-.000340	-.000475	-.000193	.0068171	-.004310	-.000114
#2	.067977	.003762	-.001713	-.000105	.0019198	-.001609	.000839
#3	.036545	.003934	-.002122	.000385	-.002650	-.002491	-.000071

Sample Name: MG 250PPM Acquired: 11/29/2017 13:50:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000130	-.004671	-.000040
Stddev	.000277	.000571	.000034
%RSD	213.2122	12.21991	84.12728

#1	-.000324	-.004066	-.000079
#2	-.000253	-.004748	-.000017
#3	.000187	-.005200	-.000025

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1194.706	2332.943	39505.84	7621.298	3427.728
Stddev	9.605	13.575	57.84	18.944	17.288
%RSD	.8039964	.5819043	.1464193	.2485655	.5043669

#1	1184.691	2329.773	39444.40	7606.017	3422.727
#2	1203.842	2347.824	39513.86	7615.383	3446.965
#3	1195.583	2321.234	39559.25	7642.493	3413.491

Sample Name: AL 250PPM Acquired: 11/29/2017 13:54:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023431	.0020304	-.012923	-.000073	-.000184	242.9031	-.000084
Stddev	.0030729	.0011993	.000601	.001669	.001703	.7128	.000067
%RSD	131.1462	59.06897	4.653245	2292.322	922.8479	.2934497	79.56274

#1	.0058865	.0009742	-.013173	-.000745	-.002124	243.4040	-.000039
#2	.0007323	.0017826	-.012237	-.001301	.000509	242.0871	-.000053
#3	.0004105	.0033342	-.013359	.001827	.001062	243.2183	-.000161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.001243	.0124437	.0020691	-.000028	.0004895	1.046947
Stddev	.000053	.000098	.0023937	.0002626	.000182	.0007985	.024979
%RSD	50.92517	7.861688	19.23636	12.69151	643.7895	163.1077	2.385892

#1	-.000048	-.001244	.0110885	.0019393	-.000042	-.000189	1.019126
#2	-.000111	-.001145	.0152075	.0023713	.000160	.001369	1.054263
#3	-.000152	-.001340	.0110350	.0018967	-.000202	.000289	1.067450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002977	.0552580	-.000400	-.000072	.0754174	.0025326	.0015644
Stddev	.0001731	.0030183	.000339	.000146	.0666430	.0022530	.0018032
%RSD	58.14847	5.462180	84.62003	201.3974	88.36563	88.95739	115.2649

#1	.0001978	.0519624	-.000651	.000023	.1316217	-.000018	-.000473
#2	.0001977	.0559237	-.000015	.000000	.0928356	.003364	.002955
#3	.0004976	.0578879	-.000535	-.000240	.0017949	.004252	.002211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050983	.0050095	-.005137	.0000955	-.003127	.0007021	.0004857
Stddev	.0160430	.0010985	.000671	.0003695	.003277	.0005441	.0003605
%RSD	314.6737	21.92838	13.06454	386.7799	104.8011	77.49659	74.20649

#1	-.007558	.0037628	-.005900	-.000257	.000648	.0000904	.0008479
#2	-.000288	.0058355	-.004873	.000480	-.004783	.0008838	.0001270
#3	.023141	.0054303	-.004638	.000063	-.005245	.0011320	.0004824

Sample Name: AL 250PPM Acquired: 11/29/2017 13:54:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003581	-.009158	.0000671
Stddev	.0000814	.000343	.0000406
%RSD	22.72151	3.744635	60.56843

#1	.0003481	-.009081	.0001135
#2	.0004439	-.008860	.0000503
#3	.0002821	-.009533	.0000376

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1265.038	2470.994	40436.29	7931.720	3571.737
Stddev	24.057	5.994	565.85	24.670	8.995
%RSD	1.901669	.2425675	1.399360	.3110295	.2518432

#1	1292.189	2464.535	41076.04	7903.431	3561.474
#2	1246.377	2476.376	40001.42	7942.964	3578.252
#3	1256.550	2472.070	40231.41	7948.765	3575.486

Sample Name: MN 50PPM Acquired: 11/29/2017 13:58:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004664	.0316095	.0034064	.0181396	-.000953	.0838002
Stddev	.0006830	.0004120	.0013949	.0014014	.000843	.0014395
%RSD	146.4515	1.303389	40.94941	7.725808	88.47967	1.717824

#1	.0006345	.0314265	.0023700	.0194723	-.000678	.0842050
#2	-.000285	.0320813	.0049924	.0166783	-.000282	.0822016
#3	.001050	.0313207	.0028568	.0182680	-.001900	.0849941

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000778	-.002740	.0000281	.1008943	.0326373	.0004510
Stddev	.0000847	.000060	.0000951	.0018238	.0005379	.0002157
%RSD	108.8548	2.199597	338.8134	1.807607	1.647992	47.82731

#1	-.000012	-.002682	-.000046	.1003033	.0323221	.0002591
#2	.000156	-.002736	-.000006	.1029402	.0323314	.0004093
#3	.000089	-.002802	.000135	.0994393	.0332583	.0006845

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037806	.1690254	F 50.66130	-.103044	.0145254	.0066268
Stddev	.0009876	.0043185	.41088	.013440	.0005151	.0003330
%RSD	26.12279	2.554926	.8110411	13.04282	3.546264	5.024875

#1	.0026540	.1739802	50.32536	-.089293	.0151197	.0066158
#2	.0041905	.1670352	50.53912	-.116149	.0142074	.0069652
#3	.0044971	.1660610	51.11942	-.103688	.0142492	.0062995

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658865	-.021606	.0024754	-.006011	-.030884	-.003026
Stddev	.1386323	.000685	.0010027	.013321	.000717	.000453
%RSD	210.4107	3.169869	40.50710	221.5933	2.323066	14.96660

#1	.1877241	-.021470	.0014996	-.020960	-.030150	-.002515
#2	.0948877	-.020999	.0024236	.004599	-.031583	-.003182
#3	-.084952	-.022349	.0035030	-.001673	-.030919	-.003379

Sample Name: MN 50PPM Acquired: 11/29/2017 13:58:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019904	.0684195	.0031505	.0008599	-.000524	-.011614
Stddev	.0001947	.0025284	.0001607	.0016015	.000574	.000273
%RSD	9.782104	3.695489	5.099457	186.2433	109.5948	2.354945

#1	.0020748	.0710013	.0030903	-.000945	.000087	-.011321
#2	.0021287	.0659481	.0033326	.002111	-.000606	-.011658
#3	.0017678	.0683091	.0030287	.001414	-.001052	-.011863

Elem	Sr4077
Units	ppm
Avg	.0001656
Stddev	.0000150
%RSD	9.069337

#1	.0001779
#2	.0001489
#3	.0001699

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1270.341	2491.917	42366.79	7880.870	3908.862
Stddev	10.109	9.083	141.69	22.720	9.827
%RSD	.7957914	.3645133	.3344447	.2882953	.2513915

#1	1259.082	2481.552	42344.06	7903.991	3898.666
#2	1273.299	2498.494	42518.47	7880.046	3918.273
#3	1278.641	2495.704	42237.83	7858.573	3909.648

Sample Name: CR 50PPM Acquired: 11/29/2017 14:02:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270794	.0213885	-.002037	.0033082	.4899481	.0179799
Stddev	.0037934	.0028853	.000878	.0012581	.0028439	.0039749
%RSD	14.00837	13.49014	43.10483	38.03021	.5804506	22.10752

#1	.0239038	.0240499	-.002792	.0044306	.4883092	.0202021
#2	.0312800	.0217936	-.001073	.0019482	.4883031	.0133908
#3	.0260545	.0183220	-.002245	.0035459	.4932319	.0203469

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000140	-.000196	-.001158	.0089266	F 47.57318	-.003232
Stddev	.000094	.000074	.000141	.0063288	.48732	.000128
%RSD	66.59790	37.97965	12.14324	70.89852	1.024362	3.959901

#1	-.000160	-.000209	-.001313	.0032184	47.94280	-.003130
#2	-.000222	-.000116	-.001123	.0157324	47.02093	-.003191
#3	-.000039	-.000262	-.001038	.0078288	47.75582	-.003376

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012574	.0472496	.0104326	.0366005	.0060645	.0003610
Stddev	.0004855	.0103189	.0002630	.0025482	.0004677	.0001258
%RSD	38.61026	21.83923	2.521033	6.962314	7.712809	34.85630

#1	.0015902	.0551374	.0101289	.0378604	.0063084	.0002295
#2	.0007003	.0355715	.0105848	.0336677	.0055252	.0003731
#3	.0014816	.0510398	.0105840	.0382734	.0063599	.0004803

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002768	-.099291	.0000202	-.012627	.0025853	.0035823
Stddev	.101899	.003178	.0041631	.008315	.0010623	.0009132
%RSD	3681.265	3.201144	20595.93	65.84739	41.09091	25.49216

#1	-.119681	-.096048	.0021478	-.022228	.0036415	.0046160
#2	.067172	-.099424	-.004777	-.007724	.0015170	.0028851
#3	.044205	-.102401	.002690	-.007930	.0025972	.0032459

Sample Name: CR 50PPM Acquired: 11/29/2017 14:02:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035134	-.002020	-.004883	-.002957	-.002679	-.012778
Stddev	.0003069	.000271	.000285	.000630	.000622	.000427
%RSD	8.735560	13.41159	5.827806	21.30956	23.22195	3.343335

#1	.0031650	-.001716	-.005128	-.002799	-.003397	-.013002
#2	.0036314	-.002237	-.004949	-.002420	-.002348	-.013047
#3	.0037437	-.002106	-.004571	-.003650	-.002293	-.012285

Elem	Sr4077
Units	ppm
Avg	.0002407
Stddev	.0000165
%RSD	6.839739

#1	.0002246
#2	.0002400
#3	.0002575

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1140.676	2260.793	43022.95	7921.780	3903.858
Stddev	13.475	10.647	237.40	57.178	14.315
%RSD	1.181354	.4709583	.5518056	.7217844	.3666994

#1	1126.524	2251.243	42751.90	7863.237	3889.306
#2	1142.151	2258.862	43123.04	7977.488	3904.346
#3	1153.354	2272.274	43193.93	7924.615	3917.924

Sample Name: V 50PPM Acquired: 11/29/2017 14:07:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081620	-.619306	-.003774	.0005091	-.042708	-.003360
Stddev	.0007763	.000840	.001362	.0015704	.000896	.001593
%RSD	9.511803	.1357100	36.08870	308.4520	2.097558	47.39596

#1	.0085554	-.618351	-.004160	.0000120	-.042840	-.002488
#2	.0086628	-.619632	-.002261	-.000753	-.043531	-.005199
#3	.0072677	-.619934	-.004901	.002268	-.041754	-.002395

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000441	-.000060	-.000049	.0080675	-.000908	.0005402
Stddev	.000223	.000088	.000071	.0036671	.000832	.0001000
%RSD	50.50757	146.9366	144.8882	45.45514	91.58957	18.50891

#1	-.000693	-.000001	.000033	.0060304	-.001858	.0004260
#2	-.000272	-.000161	-.000094	.0058712	-.000555	.0006118
#3	-.000358	-.000017	-.000086	.0123008	-.000311	.0005830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008809	.0030590	-.000151	.0531360	.0003620	-.069125
Stddev	.000424	.0054127	.000333	.0040933	.0000133	.000388
%RSD	4.817505	176.9422	220.7594	7.703456	3.660132	.5607292

#1	-.008515	.0075010	.000191	.0493467	.0003475	-.068827
#2	-.009296	.0046456	-.000475	.0574773	.0003734	-.068985
#3	-.008617	-.002970	-.000169	.0525840	.0003652	-.069563

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.061274	F 53.91390	-.003826	-.012507	-.014916	-.011336
Stddev	.013181	.72724	.002976	.036527	.002022	.000223
%RSD	21.51207	1.348887	77.77748	292.0617	13.55627	1.964328

#1	-.056622	54.30295	-.006144	.019898	-.014551	-.011215
#2	-.051048	54.36385	-.004864	-.005327	-.017096	-.011593
#3	-.076150	53.07489	-.000470	-.052090	-.013101	-.011200

Sample Name: V 50PPM Acquired: 11/29/2017 14:07:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004655	-.010244	-.002570	-.001986	-.007643	-.011410
Stddev	.000168	.000518	.000889	.000863	.000228	.000659
%RSD	3.599639	5.060439	34.60832	43.47261	2.981769	5.775601

#1	-.004763	-.010842	-.003281	-.001979	-.007467	-.010876
#2	-.004740	-.009964	-.001573	-.001126	-.007900	-.011208
#3	-.004462	-.009926	-.002856	-.002853	-.007560	-.012147

Elem	Sr4077
Units	ppm
Avg	-.000074
Stddev	.000022
%RSD	29.05652

#1	-.000058
#2	-.000066
#3	-.000099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.266	2500.904	42692.45	7844.062	3953.693
Stddev	20.412	9.303	372.69	99.000	9.117
%RSD	1.583222	.3719751	.8729688	1.262096	.2305985

#1	1267.041	2492.264	42279.02	7776.713	3946.070
#2	1293.586	2499.697	42795.70	7797.742	3951.215
#3	1307.173	2510.752	43002.64	7957.730	3963.792

Sample Name: CO 50PPM Acquired: 11/29/2017 14:11:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.2020446	-.003303	-.014971	-.001828	-.005851
Stddev	.002031	.0008206	.001327	.001393	.000683	.004726
%RSD	7993.006	.4061383	40.16512	9.305511	37.36832	80.76395

#1	-.002370	.2011618	-.002712	-.014813	-.002114	-.011308
#2	.001138	.2021879	-.004823	-.013664	-.002321	-.003118
#3	.001155	.2027840	-.002375	-.016437	-.001048	-.003127

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	.0001120	-.000013	.0031377	.0045943	F 45.73204
Stddev	.000170	.0000504	.000020	.0014318	.0004280	.22649
%RSD	233.1337	45.05200	148.2030	45.63075	9.315022	.4952554

#1	.000123	.0001211	-.000026	.0032319	.0043144	45.55391
#2	-.000180	.0000576	-.000024	.0016612	.0050869	45.65528
#3	-.000163	.0001572	.000010	.0045201	.0043815	45.98694

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020060	.0079042	.0002955	-.001207	.0151469	.0005572
Stddev	.000878	.0031701	.0001157	.009547	.0004031	.0001678
%RSD	4.374878	40.10605	39.16073	791.2356	2.661327	30.11990

#1	-.019129	.0059510	.0002556	-.008139	.0154430	.0007156
#2	-.020871	.0061997	.0004259	-.005163	.0146878	.0003813
#3	-.020180	.0115618	.0002050	.009682	.0153100	.0005747

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063597	.0022250	.0021342	-.022234	.0048368	.0984891
Stddev	.0282543	.0011261	.0005170	.056668	.0015965	.0002920
%RSD	26.56482	50.61237	24.22519	254.8686	33.00706	.2964833

#1	.1327069	.0013450	.0015404	-.075980	.0030885	.0988259
#2	.0765226	.0018359	.0023772	-.027687	.0062173	.0983060
#3	.1098497	.0034941	.0024849	.036963	.0052047	.0983355

Sample Name: CO 50PPM Acquired: 11/29/2017 14:11:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000430	.0033356	-.001423	.0022547	-.006457	-.013379
Stddev	.000230	.0022379	.000422	.0004116	.000548	.000201
%RSD	53.55094	67.09171	29.64156	18.25613	8.483295	1.499952

#1	-.000169	.0035213	-.000941	.0027289	-.005833	-.013147
#2	-.000605	.0054749	-.001725	.0019885	-.006860	-.013498
#3	-.000516	.0010107	-.001602	.0020469	-.006677	-.013492

Elem	Sr4077
Units	ppm
Avg	-.000106
Stddev	.000043
%RSD	41.09104

#1	-.000056
#2	-.000129
#3	-.000132

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.905	2514.228	43476.80	7950.588	3984.177
Stddev	15.083	4.719	407.43	55.657	10.245
%RSD	1.163887	.1877090	.9371135	.7000378	.2571366

#1	1284.120	2516.383	43255.86	8011.684	3991.913
#2	1290.691	2517.485	43227.57	7902.772	3988.060
#3	1312.903	2508.816	43946.97	7937.309	3972.558

Sample Name: CU 50PPM Acquired: 11/29/2017 14:15:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002393	.0011628	.1628489	.0004285	-.000049	.0326895
Stddev	.003475	.0033159	.0009800	.0008485	.000705	.0051377
%RSD	145.2254	285.1615	.6017929	198.0385	1445.698	15.71657

#1	-.006405	-.001002	.1628352	.0014005	-.000831	.0335180
#2	-.000307	-.000489	.1638357	.0000487	.000149	.0373625
#3	-.000467	.004980	.1618758	-.000164	.000536	.0271879

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000581	.0000284	.0000612	.0182630	.0081652	.0002619
Stddev	.0001432	.0000548	.0000231	.0011568	.0004214	.0001308
%RSD	246.4559	193.3582	37.67470	6.333864	5.161421	49.94242

#1	.0002235	.0000644	.0000387	.0169309	.0078196	.0001133
#2	-.000026	.0000554	.0000848	.0188444	.0080412	.0003126
#3	-.000023	-.000035	.0000601	.0190138	.0086347	.0003597

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.12121	.0390588	.0027081	.0226354	.0032881	.0002634
Stddev	.24971	.0043965	.0002960	.0097652	.0001905	.0002764
%RSD	.4982221	11.25601	10.93123	43.14148	5.794197	104.9658

#1	50.40391	.0351555	.0030113	.0130946	.0031221	.0005396
#2	49.93066	.0381993	.0024198	.0222009	.0032460	.0002637
#3	50.02908	.0438215	.0026933	.0326106	.0034961	-.000013

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0822808	.0006266	.0563255	-.000456	-1.44766	-.005570
Stddev	.1698650	.0025480	.0021845	.008542	.00098	.000368
%RSD	206.4456	406.6676	3.878424	1872.336	.0679328	6.598901

#1	.2007112	-.002123	.0553724	.000989	-1.44713	-.005291
#2	-.112341	.001094	.0588246	.007271	-1.44879	-.005433
#3	.158472	.002908	.0547794	-.009628	-1.44705	-.005987

Sample Name: CU 50PPM Acquired: 11/29/2017 14:15:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008861	.0020701	-.001488	-.001429	-.000230	-.012899
Stddev	.0001872	.0042743	.000251	.000879	.000293	.000466
%RSD	21.12412	206.4802	16.83942	61.51484	127.5110	3.615588

#1	.0010715	-.000075	-.001312	-.001483	.000104	-.012389
#2	.0008896	-.000707	-.001377	-.002279	-.000447	-.013304
#3	.0006972	.006992	-.001775	-.000524	-.000347	-.013004

Elem	Sr4077
Units	ppm
Avg	.0004317
Stddev	.0000383
%RSD	8.877446

#1	.0003978
#2	.0004238
#3	.0004733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.053	2565.681	43705.56	7954.065	4062.697
Stddev	3.347	12.392	127.07	62.459	13.758
%RSD	.2554985	.4830052	.2907404	.7852438	.3386503

#1	1311.627	2564.855	43629.46	7894.526	4057.248
#2	1306.209	2553.723	43634.96	8019.083	4052.498
#3	1312.323	2578.466	43852.25	7948.586	4078.346

Sample Name: NI 50PPM Acquired: 11/29/2017 14:19:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026036	.0006214	-.000757	-.000938	-.043728	.0004081
Stddev	.0024201	.0010395	.001210	.000823	.001044	.0010926
%RSD	92.95167	167.2861	159.8532	87.71030	2.388466	267.7437

#1	.0001168	.0018015	-.002116	-.000728	-.042532	-.000853
#2	.0027431	.0002208	-.000356	-.001846	-.044461	.000997
#3	.0049509	-.000158	.000202	-.000241	-.044190	.001080

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000144	-.000991	-.000248	.0639860	.0007151	.0098018
Stddev	.000093	.000060	.000090	.0071438	.0004176	.0002057
%RSD	64.81985	6.051054	36.21687	11.16463	58.40407	2.098054

#1	-.000194	-.000943	-.000319	.0717900	.0002366	.0095663
#2	-.000201	-.001058	-.000277	.0623983	.0010061	.0099460
#3	-.000036	-.000973	-.000147	.0577695	.0009027	.0098931

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014786	.0033207	.0005441	.0351924	F 46.98439	.0003749
Stddev	.0010391	.0007440	.0002377	.0251797	.03700	.0003347
%RSD	70.27186	22.40556	43.67388	71.54876	.0787544	89.27489

#1	.0005805	.0037354	.0005692	.0098829	46.98982	.0007455
#2	.0012387	.0037650	.0002950	.0354540	47.01838	.0000944
#3	.0026167	.0024618	.0007683	.0602403	46.94497	.0002850

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130729	.0019956	.1945929	-.016973	.1017435	-.006268
Stddev	.0433804	.0041205	.0052497	.026162	.0010360	.000982
%RSD	331.8351	206.4844	2.697770	154.1441	1.018262	15.66736

#1	.0476142	-.002649	.1885458	-.045025	.1026190	-.006694
#2	.0272192	.003423	.1972501	.006763	.1020117	-.005144
#3	-.035615	.005213	.1979826	-.012656	.1005997	-.006964

Sample Name: NI 50PPM Acquired: 11/29/2017 14:19:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000286	-.006329	-.001794	-.000262	-.035107	-.013094
Stddev	.0003898	.001249	.000393	.000513	.000316	.000096
%RSD	1363.922	19.73190	21.90398	195.3302	.9011264	.7358637

#1	-.000392	-.005064	-.001903	-.000501	-.034958	-.013059
#2	.000378	-.007561	-.001358	-.000612	-.034892	-.013019
#3	.000099	-.006360	-.002121	.000326	-.035470	-.013202

Elem	Sr4077
Units	ppm
Avg	.0000363
Stddev	.0000151
%RSD	41.51220

#1	.0000430
#2	.0000190
#3	.0000468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1304.941	2545.813	43080.60	7803.827	3953.587
Stddev	15.415	7.773	389.99	34.297	8.389
%RSD	1.181299	.3053100	.9052489	.4394920	.2121895

#1	1313.831	2537.098	43208.70	7838.777	3944.074
#2	1287.141	2548.311	42642.67	7802.482	3956.764
#3	1313.850	2552.029	43390.42	7770.222	3959.924

Sample Name: ZN 50PPM Acquired: 11/29/2017 14:23:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008003	.0003919	.0006063	-.000960	.0002360	.0058637
Stddev	.000174	.0017443	.0002603	.000678	.0004549	.0031251
%RSD	2.176629	445.1150	42.92163	70.61871	192.7699	53.29463

#1	-.008036	-.000991	.0007228	-.000914	-.000059	.0024066
#2	-.008158	-.000185	.0003082	-.000307	.000760	.0084880
#3	-.007815	.002352	.0007881	-.001661	.000007	.0066966

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	.0000336	.0001123	.0194558	.0026650	.0001662
Stddev	.000194	.0000762	.0000265	.0069304	.0000842	.0000559
%RSD	270.1853	226.5738	23.61522	35.62113	3.158758	33.62304

#1	-.000119	.0000165	.0000982	.0193961	.0025705	.0001018
#2	.000141	-.000033	.0000958	.0125554	.0027320	.0002019
#3	-.000238	.000117	.0001429	.0264158	.0026926	.0001948

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074732	.0158172	.0028797	.0207995	.0029244	.0001087
Stddev	.0006420	.0009416	.0001716	.0151613	.0001505	.0001566
%RSD	8.591086	5.952732	5.958722	72.89257	5.146840	144.1388

#1	.0068602	.0166670	.0029755	.0374044	.0030942	-.000056
#2	.0074188	.0148050	.0029819	.0173005	.0028073	.000256
#3	.0081408	.0159797	.0026816	.0076936	.0028717	.000126

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027230	.0015899	F 44.62497	.0371391	.0029855	-.005912
Stddev	.063578	.0013497	.51524	.0068944	.0009388	.000573
%RSD	233.4860	84.89138	1.154600	18.56378	31.44656	9.694560

#1	-.049267	.0030079	44.03509	.0349023	.0031325	-.006450
#2	-.076857	.0003207	44.85276	.0316408	.0019818	-.005975
#3	.044435	.0014413	44.98705	.0448742	.0038421	-.005309

Sample Name: ZN 50PPM Acquired: 11/29/2017 14:23:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002900	-.004978	-.010145	-.000453	.0001092	-.012710
Stddev	.0001608	.003625	.002218	.000615	.0004069	.000677
%RSD	55.42661	72.81076	21.86499	135.8091	372.5442	5.324107

#1	.0004669	-.008023	-.012339	-.001131	-.000324	-.013381
#2	.0002502	-.000969	-.007903	-.000298	.000484	-.012028
#3	.0001529	-.005942	-.010193	.000070	.000168	-.012720

Elem	Sr4077
Units	ppm
Avg	.0021821
Stddev	.0000245
%RSD	1.121643

#1	.0021568
#2	.0021839
#3	.0022057

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1292.562	2574.872	43047.47	7745.924	4093.486
Stddev	4.347	88.493	78.07	81.026	125.424
%RSD	.3363289	3.436773	.1813669	1.046044	3.063987

#1	1297.548	2529.875	43135.76	7730.112	4023.363
#2	1289.564	2517.920	43019.12	7833.690	4018.805
#3	1290.574	2676.821	42987.54	7673.970	4238.289

Sample Name: PB 50PPM Acquired: 11/29/2017 14:27:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000377	.0005472	48.32075	-.001280	-.000162	.0016329	.0000922
Stddev	.000756	.0022476	.23920	.003043	.001005	.0052858	.0000528
%RSD	200.4790	410.7715	.4950272	237.7403	622.0793	323.7114	57.29352

#1	.000441	.0031220	48.05349	.000138	.000256	-.000230	.0001315
#2	-.000522	-.001022	48.51477	.000795	.000567	-.002470	.0001128
#3	-.001050	-.000458	48.39399	-.004772	-.001308	.007598	.0000322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	.0001173	.0075307	.0049219	.0005071	.0005810	.0223457
Stddev	.000031	.0000313	.0055108	.0005529	.0000720	.0008742	.0024516
%RSD	76.79245	26.68823	73.17711	11.23328	14.19918	150.4700	10.97136

#1	-.000046	.0001533	.0012388	.0042866	.0005892	.0010808	.0250878
#2	-.000067	.0001018	.0098538	.0051855	.0004776	.0010906	.0203656
#3	-.000007	.0000967	.0114996	.0052938	.0004545	-.000428	.0215836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004384	.0165223	.0027026	.0000969	.0192863	.0008238	.0011582
Stddev	.0000496	.0284873	.0002879	.0001294	.0620686	.0012056	.0014658
%RSD	11.30969	172.4170	10.65418	133.5219	321.8280	146.3581	126.5587

#1	.0003840	.0239916	.0029517	-.000048	-.039502	.0020123	-.000394
#2	.0004500	-.014955	.0023873	.000200	.013177	-.000398	.002518
#3	.0004811	.040531	.0027687	.000139	.084184	.000857	.001351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008388	.0008057	-.006717	.0006039	-.007904	-.001567	-.000388
Stddev	.001266	.0027149	.000343	.0001461	.002317	.000732	.001399
%RSD	15.09717	336.9801	5.109174	24.19738	29.31873	46.72440	360.4686

#1	-.007041	-.001722	-.007111	.0006475	-.007720	-.002316	-.001816
#2	-.009555	.000464	-.006488	.0004409	-.005684	-.001534	-.000329
#3	-.008567	.003675	-.006551	.0007232	-.010308	-.000852	.000980

Sample Name: PB 50PPM Acquired: 11/29/2017 14:27:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000456	-.014498	.0001278
Stddev	.000549	.000382	.0000072
%RSD	120.4795	2.631363	5.626629

#1	-.000920	-.014079	.0001277
#2	-.000598	-.014590	.0001350
#3	.000150	-.014826	.0001206

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.774	2567.497	43196.05	7825.424	4064.473
Stddev	7.370	2.067	231.10	18.544	6.870
%RSD	.5652807	.0804929	.5349919	.2369699	.1690240

#1	1303.082	2569.871	42940.57	7822.725	4066.156
#2	1296.774	2566.103	43257.05	7845.169	4056.918
#3	1311.465	2566.517	43390.53	7808.377	4070.345

Sample Name: TI 50PPM Acquired: 11/29/2017 14:31:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039505	-.029689	-.001077	-.001393	.0135037	-.002309	-.017852
Stddev	.0042573	.001924	.000227	.003233	.0005021	.004912	.000191
%RSD	107.7666	6.479214	21.09098	232.0679	3.718014	212.7458	1.068889

#1	.0040973	-.028394	-.000823	.002325	.0132747	.001971	-.017637
#2	.0081324	-.028773	-.001146	-.003538	.0131568	-.001226	-.017919
#3	-.000378	-.031900	-.001262	-.002967	.0140794	-.007672	-.018001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.000108	-.004599	.0039895	.0996502	-.017181	-.000918
Stddev	.000053	.000066	.004986	.0004194	.0008484	.000646	.005212
%RSD	161.8598	61.14128	108.4204	10.51404	.8513981	3.758744	567.7416

#1	-.000066	-.000032	.000639	.0037920	.0987296	-.016557	.004172
#2	-.000061	-.000137	-.009287	.0044712	.0998205	-.017847	-.006244
#3	.000029	-.000155	-.005148	.0037052	.1004006	-.017139	-.000681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000268	-.028843	.0002878	.0000989	-.027313	.0227467	-.010571
Stddev	.0003397	.017552	.0004284	.0002640	.059850	.0012519	.001868
%RSD	1265.467	60.85232	148.8507	266.9231	219.1292	5.503885	17.67268

#1	-.000349	-.024429	.0004796	.0003887	-.080614	.0236460	-.012411
#2	.000116	-.048181	.0005867	.0000362	-.038759	.0213169	-.008676
#3	.000313	-.013920	-.000203	-.000128	.037434	.0232774	-.010625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007306	.0009050	-.004391	.0010279	-.002192	.1497235	-.141513
Stddev	.035244	.0005125	.000738	.0001365	.000787	.0068474	.001200
%RSD	482.4110	56.63089	16.80187	13.28387	35.92858	4.573341	.8476694

#1	-.047854	.0013955	-.004422	.0011853	-.002888	.1419359	-.140165
#2	.015972	.0009465	-.005112	.0009568	-.002350	.1524334	-.141913
#3	.009964	.0003730	-.003638	.0009415	-.001337	.1548011	-.142462

Sample Name: TI 50PPM Acquired: 11/29/2017 14:31:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	51.11634	-.014257	.0000149
Stddev	.64256	.000285	.0000175
%RSD	1.257055	2.000581	116.7952

#1	50.89348	-.014579	.0000350
#2	50.61488	-.014156	.0000034
#3	51.84066	-.014036	.0000064

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1304.251	2544.335	43086.52	7749.436	3979.186
Stddev	9.127	14.201	162.48	95.216	21.229
%RSD	.6997697	.5581588	.3771074	1.228679	.5334897

#1	1301.959	2534.492	42998.67	7782.385	3988.204
#2	1296.489	2560.615	42986.88	7823.802	3994.416
#3	1314.305	2537.898	43274.02	7642.122	3954.937

Sample Name: MO 50PPM Acquired: 11/29/2017 14:36:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196100	-.036311	-.064685	.0047104	-.188684	1.422366	-.000208
Stddev	.0024544	.001180	.000473	.0004365	.000530	.007069	.000137
%RSD	12.51618	3.249574	.7305871	9.267186	.2810272	.4969711	66.02854

#1	.0210977	-.035589	-.064730	.0051146	-.188270	1.414841	-.000272
#2	.0209553	-.037673	-.065134	.0047692	-.188500	1.423392	-.000050
#3	.0167771	-.035671	-.064192	.0042475	-.189282	1.428866	-.000302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021547	-.001054	-.001286	-.000856	-.047235	.0227360	.0031859
Stddev	.000203	.000002	.004344	.000652	.000132	.0008977	.0050500
%RSD	.9419318	.1932194	337.8568	76.09703	.2797647	3.948141	158.5121

#1	-.021395	-.001055	-.006250	-.000868	-.047214	.0217579	.0014889
#2	-.021469	-.001051	.000577	-.001502	-.047115	.0235222	.0088658
#3	-.021777	-.001054	.001816	-.000199	-.047377	.0229278	-.000797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000579	-.272551	.0025779	-.000597	.0255462	-.452641	-.000140
Stddev	.000078	.025141	.0003718	.000254	.0433884	.001949	.001124
%RSD	13.41532	9.224505	14.42186	42.53495	169.8429	.4305124	801.1272

#1	-.000647	-.255883	.0025668	-.000854	.0746174	-.451373	-.001402
#2	-.000495	-.260300	.0029551	-.000591	.0097608	-.451666	.000223
#3	-.000596	-.301469	.0022118	-.000346	-.007740	-.454885	.000757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045740	.0012806	-.068682	49.27650	-.182391	.2595813	-.000288
Stddev	.011267	.0017319	.001519	.12554	.000904	.0023926	.000417
%RSD	24.63311	135.2460	2.211326	.2547633	.4957467	.9217021	145.1343

#1	-.045923	.0031681	-.067059	49.41031	-.183106	.2572928	-.000044
#2	-.034382	-.000235	-.070069	49.16131	-.181375	.2593853	-.000050
#3	-.056915	.000909	-.068918	49.25787	-.182693	.2620658	-.000770

Sample Name: MO 50PPM Acquired: 11/29/2017 14:36:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036422	-.015061	.0001531
Stddev	.0007978	.000424	.0000139
%RSD	21.90428	2.817528	9.052370

#1	.0042579	-.014723	.0001687
#2	.0039278	-.014923	.0001484
#3	.0027409	-.015537	.0001422

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.753	2526.825	43404.40	7913.782	3775.053
Stddev	7.275	12.397	95.88	16.750	11.887
%RSD	.5645116	.4906240	.2209059	.2116615	.3148932

#1	1286.587	2513.141	43359.61	7920.401	3763.898
#2	1282.806	2537.308	43339.12	7894.733	3787.558
#3	1296.865	2530.027	43514.49	7926.210	3773.703

Sample Name: CCV098 Acquired: 11/29/2017 14:45:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.152746	4.934781	24.72782	5.269090	5.113852	415.6233	10.18254
Stddev	.018675	.026981	.11793	.027174	.021614	1.0970	.12334
%RSD	.3624305	.5467574	.4769130	.5157171	.4226546	.2639470	1.211293

#1	5.137911	4.917081	24.61424	5.255590	5.096095	415.2763	10.11438
#2	5.146611	4.921426	24.71957	5.251310	5.107542	414.7417	10.10833
#3	5.173718	4.965835	24.84966	5.300370	5.137918	416.8519	10.32492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4892274	2.577280	388.6200	14.92928	2.559801	15.13752	412.0002
Stddev	.0020909	.009632	.4626	.26420	.011192	.02576	.4783
%RSD	.4273824	.3737135	.1190473	1.769669	.4372365	.1701749	.1160976

#1	.4890938	2.566328	389.0401	15.08830	2.549326	15.11879	412.1853
#2	.4872065	2.581083	388.6958	14.62430	2.558482	15.12689	412.3583
#3	.4913818	2.584430	388.1242	15.07523	2.571594	15.16690	411.4570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41751	408.5606	2.571748	1.218049	396.4430	2.470397	15.45088
Stddev	.02681	.2369	.010535	.022774	.8854	.004241	.17840
%RSD	.1859393	.0579895	.4096439	1.869734	.2233375	.1716875	1.154630

#1	14.40164	408.4347	2.560148	1.233701	395.6497	2.474396	15.61679
#2	14.44846	408.4132	2.574377	1.191922	396.2812	2.470847	15.26218
#3	14.40244	408.8339	2.580720	1.228524	397.3982	2.465949	15.47367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.8679	5.059818	5.082763	5.261004	5.276647	4.742697	5.062234
Stddev	.0995	.015200	.032725	.010777	.013275	.019265	.026968
%RSD	.0630060	.3003987	.6438479	.2048469	.2515801	.4062098	.5327368

#1	157.7673	5.043356	5.087075	5.256208	5.261636	4.738889	5.033494
#2	157.9662	5.062776	5.048095	5.253458	5.281465	4.725620	5.066223
#3	157.8701	5.073321	5.113118	5.273347	5.286841	4.763582	5.086986

Sample Name: CCV098 Acquired: 11/29/2017 14:45:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.955793	5.323413	5.244698
Stddev	.008689	.017319	.066515
%RSD	.1753310	.3253453	1.268225

#1	4.957053	5.305156	5.167943
#2	4.946543	5.325471	5.285460
#3	4.963783	5.339611	5.280690

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1029.912	2001.015	35431.46	7292.213	2509.069
Stddev	12.100	6.818	465.40	11.817	8.728
%RSD	1.174830	.3407066	1.313518	.1620499	.3478769

#1	1020.736	2001.082	35115.32	7304.391	2513.346
#2	1043.625	2007.798	35965.88	7291.455	2514.834
#3	1025.376	1994.164	35213.19	7280.794	2499.027

Sample Name: CCB098 Acquired: 11/29/2017 14:49:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000403	.0001666	-.000248	.0023069	.0004259	-.002090	-.000311
Stddev	.002079	.0021953	.000619	.0017003	.0005205	.002053	.000173
%RSD	515.4325	1318.134	249.5687	73.70300	122.2121	98.25633	55.80468

#1	-.002786	.0017578	-.000787	.0037574	.0009135	-.000543	-.000345
#2	.001045	.0010799	-.000385	.0027274	-.000122	-.001307	-.000123
#3	.000531	-.002338	.000428	.0004358	.000486	-.004419	-.000465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000072	-.000004	.0007220	-.000081	.0001790	.0013134	.0030600
Stddev	.000058	.000079	.0046588	.000155	.0001244	.0001629	.0048753
%RSD	80.54616	2084.718	645.2843	192.2073	69.48313	12.39987	159.3251

#1	-.000025	-.000095	.0007629	-.000117	.0002251	.0011446	.0085593
#2	-.000137	.000035	.0053602	.000089	.0002739	.0014696	.0013526
#3	-.000055	.000048	-.003957	-.000215	.0000382	.0013259	-.000732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000876	.0223101	.0002977	.0002422	.0153656	.0015181	-.000337
Stddev	.0002192	.0113602	.0001950	.0002435	.0093053	.0018348	.003216
%RSD	250.2287	50.91927	65.50569	100.5271	60.55938	120.8598	954.1316

#1	-.000088	.0291638	.0003395	.0000164	.0241771	.0036258	.003079
#2	.000333	.0091970	.0000851	.0002101	.0162848	.0006509	-.000784
#3	.000018	.0285696	.0004683	.0005001	.0056348	.0002777	-.003306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678041	.0020996	-.001881	.0011042	-.006523	-.001942	-.001262
Stddev	.0188129	.0020424	.000317	.0002413	.000927	.000512	.000437
%RSD	27.74599	97.27746	16.83127	21.85170	14.21381	26.34296	34.62278

#1	.0895262	.0008221	-.001515	.0013765	-.006881	-.001499	-.001288
#2	.0571426	.0044552	-.002073	.0009172	-.005470	-.001825	-.000812
#3	.0567436	.0010216	-.002054	.0010188	-.007217	-.002502	-.001685

Sample Name: CCB098 Acquired: 11/29/2017 14:49:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v310) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000681	-.001392	-.000049
Stddev	.0001713	.000872	.000042
%RSD	251.5609	62.67996	86.37925

#1	-.000125	-.000406	-.000004
#2	.000129	-.001705	-.000056
#3	.000201	-.002064	-.000087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1291.213	2520.190	42931.86	7750.343	4007.397
Stddev	8.130	24.361	149.63	32.510	31.528
%RSD	.6296199	.9666282	.3485270	.4194689	.7867340

#1	1288.278	2494.551	42870.86	7713.087	3971.899
#2	1284.958	2522.987	42822.37	7772.954	4018.151
#3	1300.402	2543.031	43102.35	7764.990	4032.140