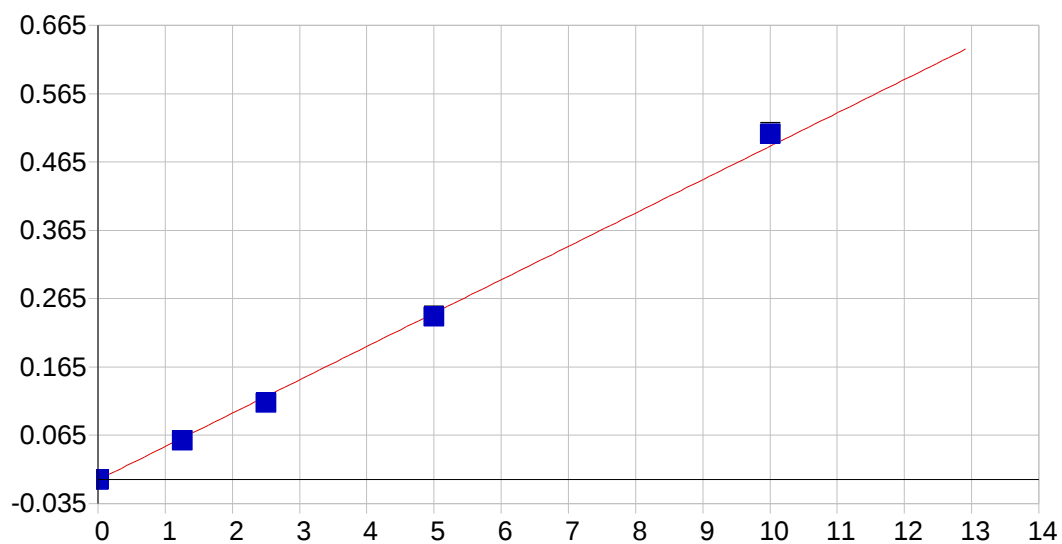




As 189.042 {479}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000245

Re-Slope: 1.000000

A1 (Gain): 0.048817

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999035

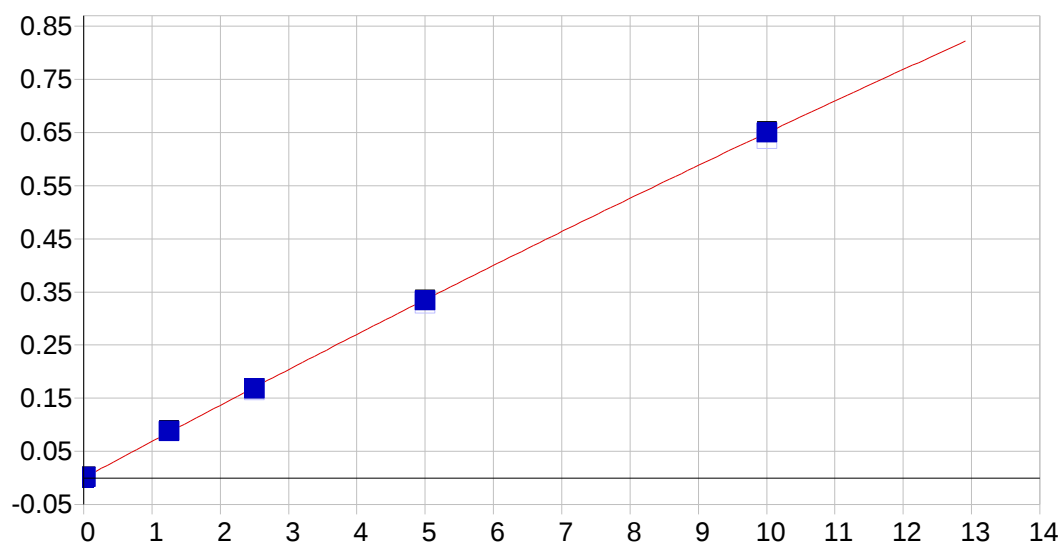
Status: OK.

Std Error of Est: 0.000036

Predicted MDL: 0.003767

Predicted MQL: 0.012558

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.01000	.00728	-.003	-27.2	.00011	.000	1
S2	1.2500	1.1730	-.077	-6.16	.05700	.000	1
S3	2.5000	2.3057	-.194	-7.77	.11228	.001	1
S4	5.0000	4.9031	-.097	-1.94	.23904	.000	1
S5	10.000	10.371	.371	3.71	.50590	.002	1



TI 190.856 {477}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.000203

Re-Slope: 1.000000

A1 (Gain): 0.069314

Y-int: 0.000000

A2 (Curvature): -0.000436

n (Exponent): 1.000000

Correlation: 0.999925

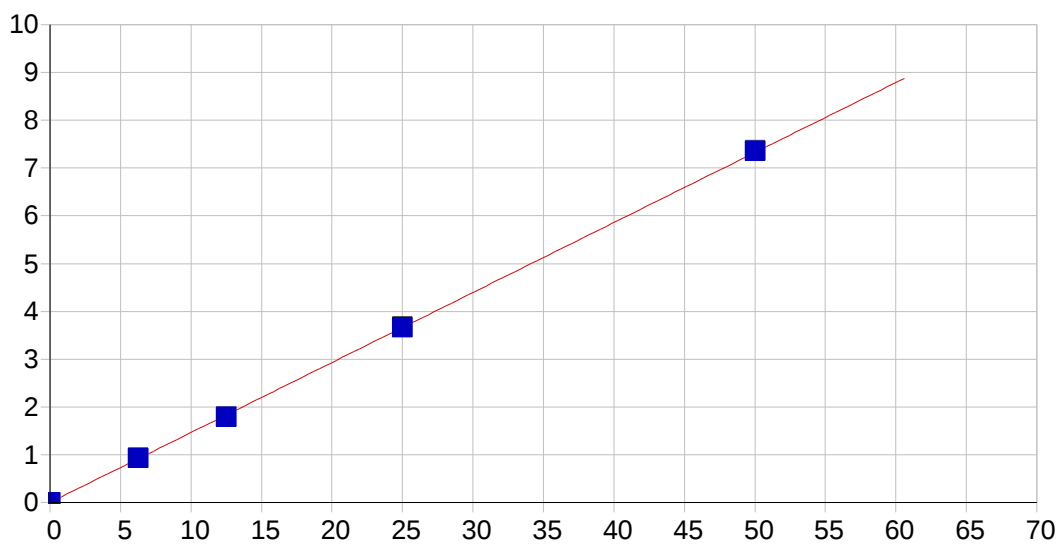
Status: OK.

Std Error of Est: 0.000024

Predicted MDL: 0.001695

Predicted MQL: 0.005649

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02500	.02754	.003	10.2	.00156	.000	1
S2	1.2500	1.2941	.044	3.53	.08719	.000	1
S3	2.5000	2.4602	-.040	-1.59	.16453	.000	1
S4	5.0000	4.9757	-.024	-.486	.32758	.001	1
S5	10.000	10.018	.018	.179	.63779	.001	1



Pb 220.353 {453}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000306

Re-Slope: 1.000000

A1 (Gain): 0.146486

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999953

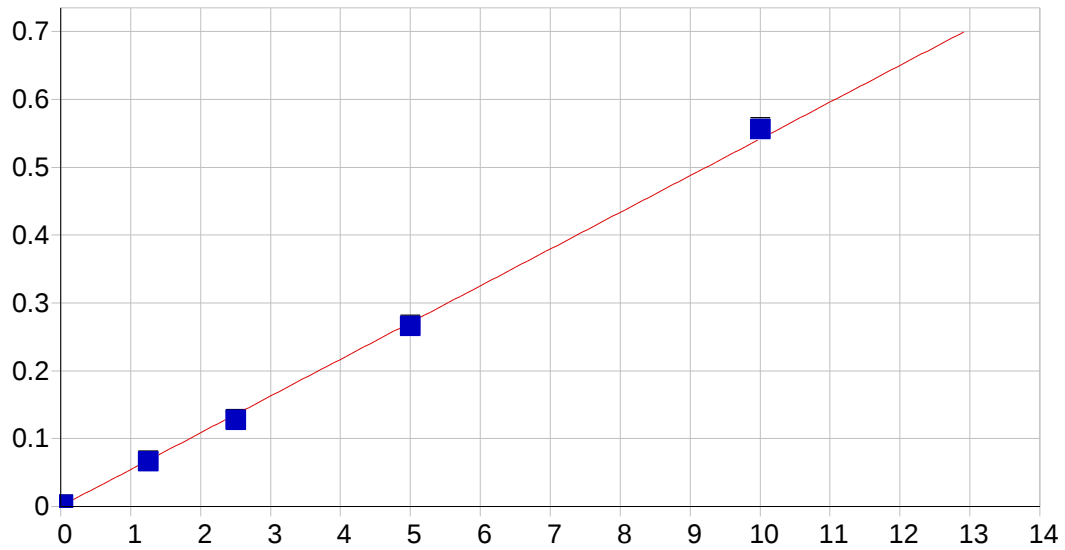
Status: OK.

Std Error of Est: 0.000053

Predicted MDL: 0.001607

Predicted MQL: 0.005357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.01000	.01015	.000	1.51	.00179	.000	1
S2	6.2500	6.3112	.061	.979	.92507	.003	1
S3	12.500	12.201	-.299	-2.39	1.7881	.004	1
S4	25.000	25.016	.016	.062	3.6658	.009	1
S5	50.000	50.222	.222	.444	7.3593	.011	1



Se 196.090 {472}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000337

Re-Slope: 1.000000

A1 (Gain): 0.054151

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999504

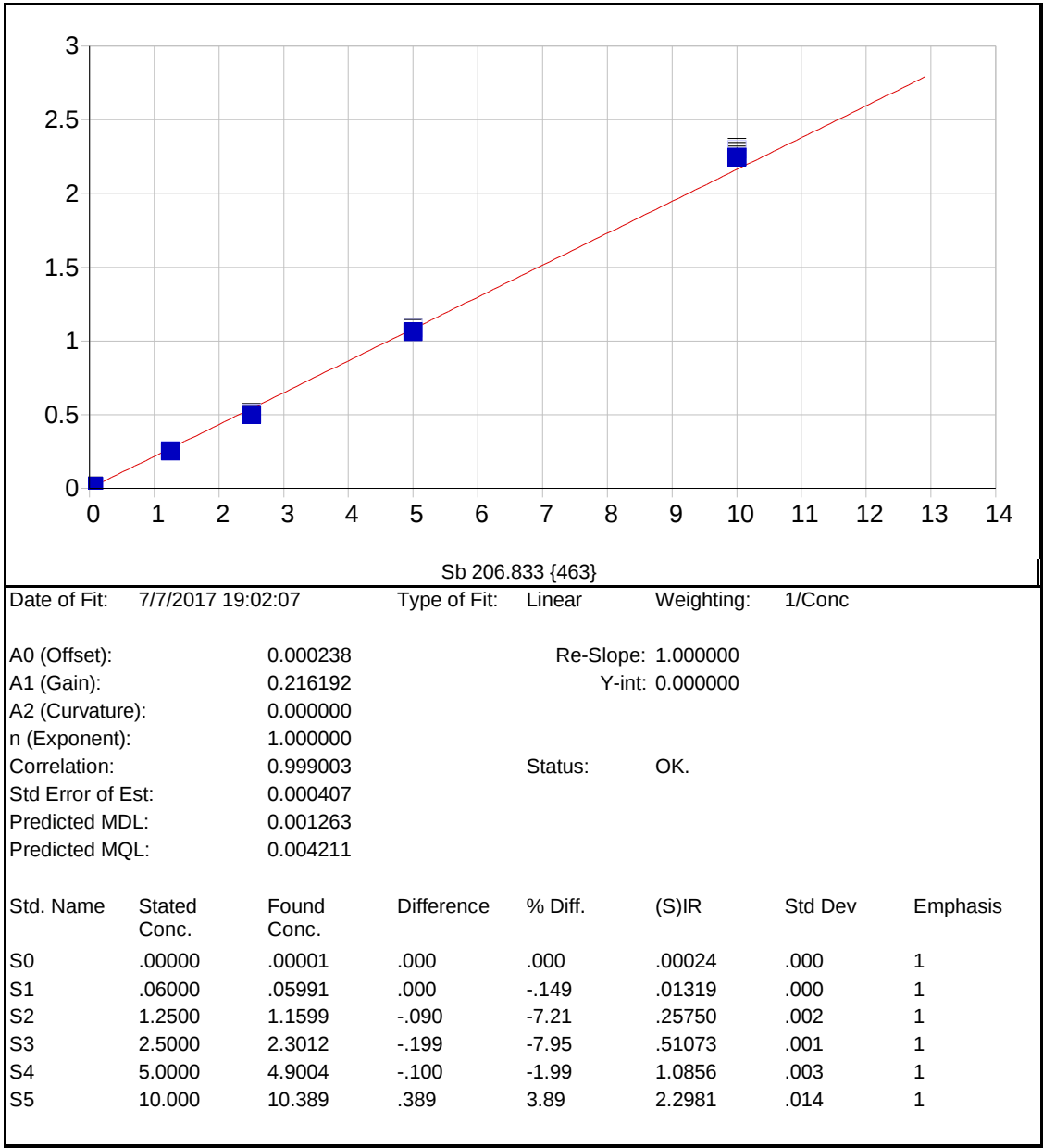
Status: OK.

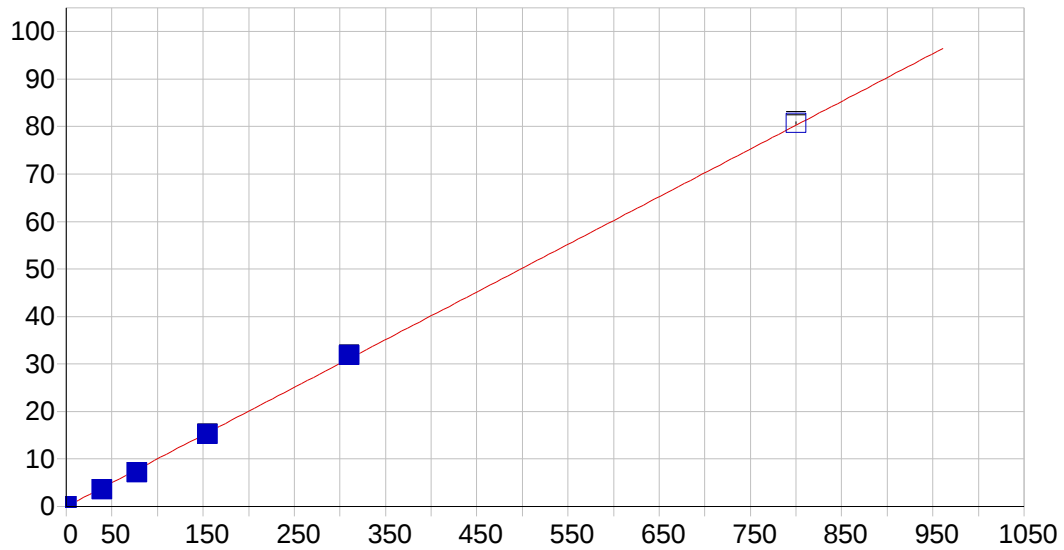
Std Error of Est: 0.000053

Predicted MDL: 0.003638

Predicted MQL: 0.012127

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.03500	.03462	.000	-1.09	.00221	.000	1
S2	1.2500	1.2215	-.029	-2.28	.06623	.001	1
S3	2.5000	2.3480	-.152	-6.08	.12698	.001	1
S4	5.0000	4.9138	-.086	-1.72	.26542	.001	1
S5	10.000	10.267	.267	2.67	.55430	.002	1





AI 396.152 { 85}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000871

Re-Slope: 1.000000

A1 (Gain): 0.100353

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999634

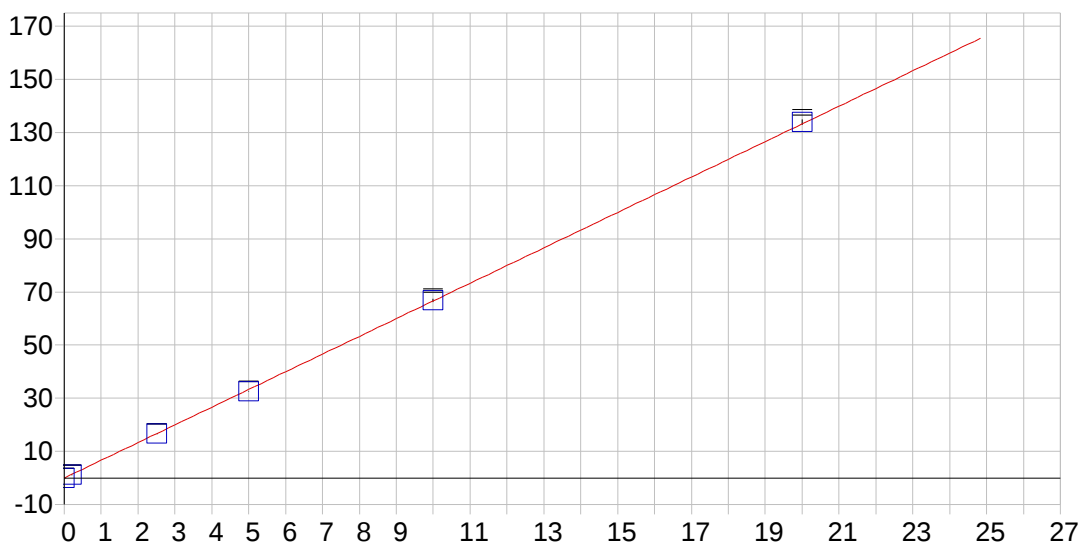
Status: OK.

Std Error of Est: 0.001689

Predicted MDL: 0.005241

Predicted MQL: 0.017470

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00087	.001	1
S1	.20000	.19224	-.008	-3.88	.02020	.000	1
S2	38.750	35.843	-2.91	-7.50	3.6025	.007	1
S3	77.500	71.132	-6.37	-8.22	7.1485	.011	1
S4	155.00	152.05	-2.95	-1.90	15.278	.015	1
S5	310.00	317.66	7.66	2.47	31.916	.019	1
S6	800.00	804.58	4.58	.572	80.743	.296	1



Ba 493.409 { 68}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.022115

Re-Slope: 1.000000

A1 (Gain): 6.663047

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999954

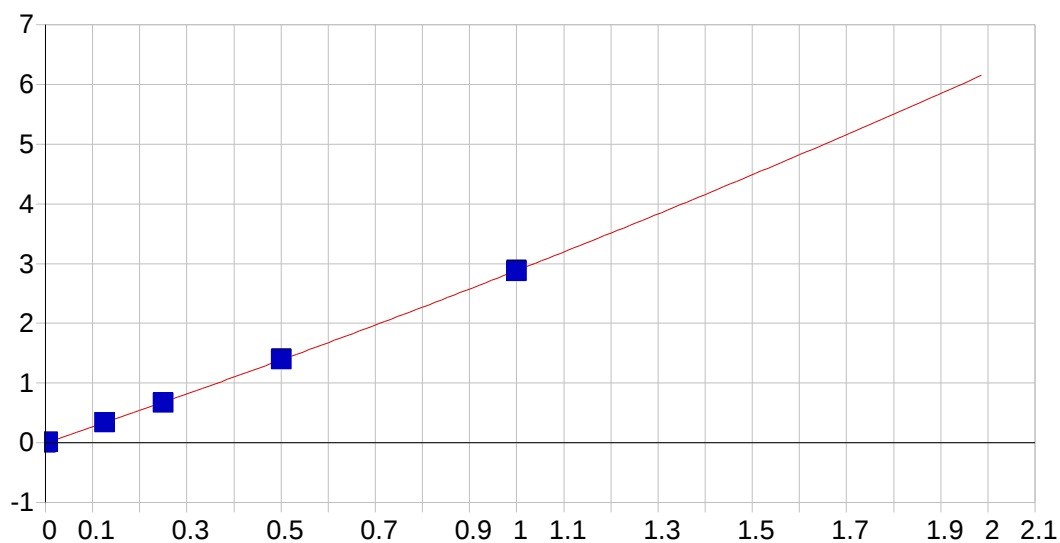
Status: OK.

Std Error of Est: 0.006777

Predicted MDL: 0.000210

Predicted MQL: 0.000701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.02201	.001	1
S1	.20000	.18736	-.013	-6.32	1.2263	.006	1
S2	2.5000	2.4920	-.008	-.321	16.582	.024	1
S3	5.0000	4.8975	-.103	-2.05	32.610	.127	1
S4	10.000	10.030	.030	.298	66.807	.564	1
S5	20.000	20.093	.093	.467	133.86	1.03	1



Be 234.861 {144}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): -0.001643

Re-Slope: 1.000000

A1 (Gain): 2.667109

Y-int: 0.000000

A2 (Curvature): 0.216681

n (Exponent): 1.000000

Correlation: 0.999972

Status: Warning

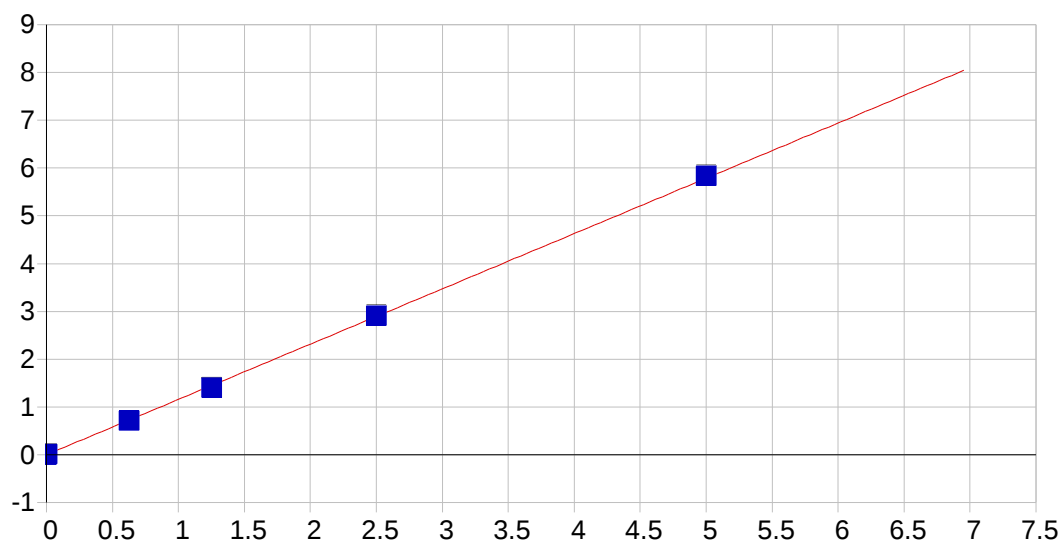
Positive Curvature

Std Error of Est: 0.000092

Predicted MDL: 0.000139

Predicted MQL: 0.000463

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00164	.000	1
S1	.00500	.00483	.000	-3.45	.01123	.000	1
S2	.12500	.12674	.002	1.39	.33875	.003	1
S3	.25000	.24612	-.004	-1.55	.66566	.002	1
S4	.50000	.50305	.003	.610	1.3904	.008	1
S5	1.0000	.99926	-.001	-.074	2.8709	.015	1



Cd 214.438 {457}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000082

Re-Slope: 1.000000

A1 (Gain): 1.157024

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999888

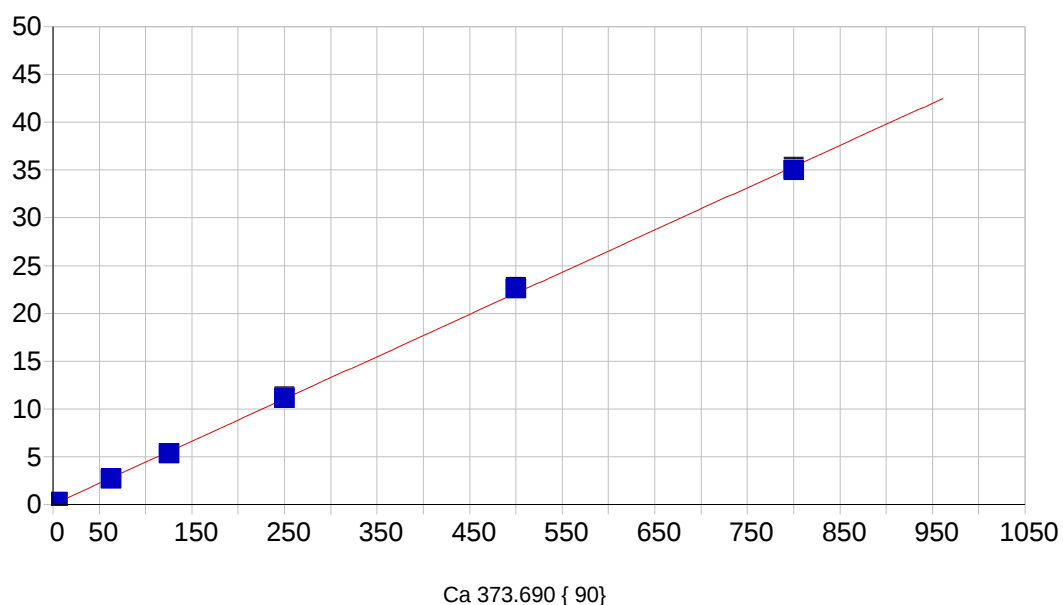
Status: OK.

Std Error of Est: 0.000146

Predicted MDL: 0.000132

Predicted MQL: 0.000440

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.00500	.00494	.000	-1.27	.00580	.000	1
S2	.01000	.01020	-.015	-2.37	.01160	.004	1
S3	.02500	.02092	-.041	-3.26	.029128	.004	1
S4	.05000	.05131	.013	.523	.058445	.009	1
S5	.10000	.10425	.043	.851	.11689	.005	1



Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001957

Re-Slope: 1.000000

A1 (Gain): 0.044199

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999844

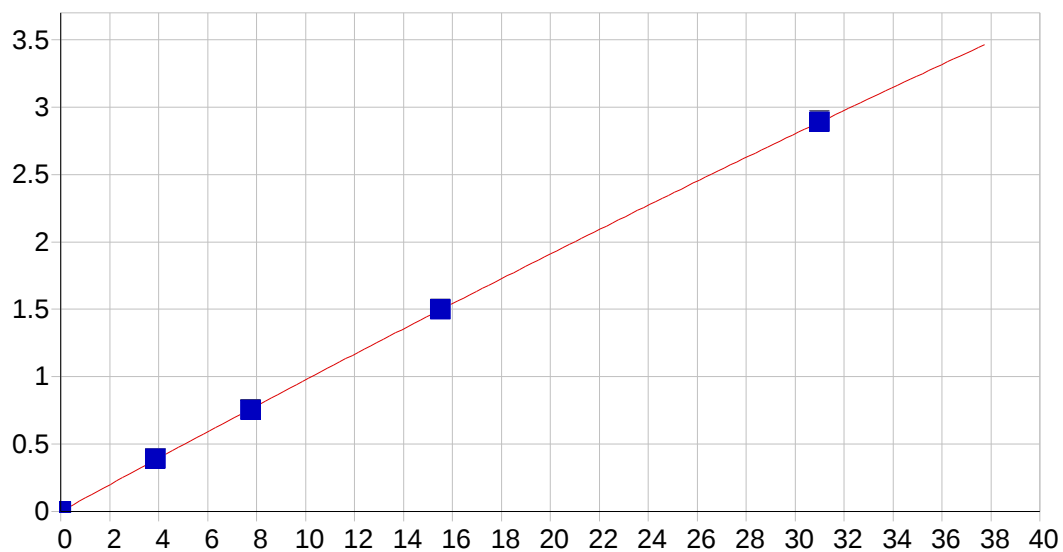
Status: OK.

Std Error of Est: 0.002724

Predicted MDL: 0.011330

Predicted MQL: 0.037766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	.00196	.000	1
S1	5.0000	5.0600	.060	1.20	.22560	.001	1
S2	62.500	61.038	-1.46	-2.34	2.6965	.013	1
S3	125.00	120.52	-4.48	-3.58	5.3222	.018	1
S4	250.00	252.27	2.27	.906	11.139	.095	1
S5	500.00	511.27	11.3	2.25	22.573	.129	1
S6	800.00	792.34	-7.66	-.957	34.951	.263	1



Cr 267.716 {126}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000066

Re-Slope: 1.000000

A1 (Gain): 0.099753

Y-int: 0.000000

A2 (Curvature): -0.000212

n (Exponent): 1.000000

Correlation: 0.999983

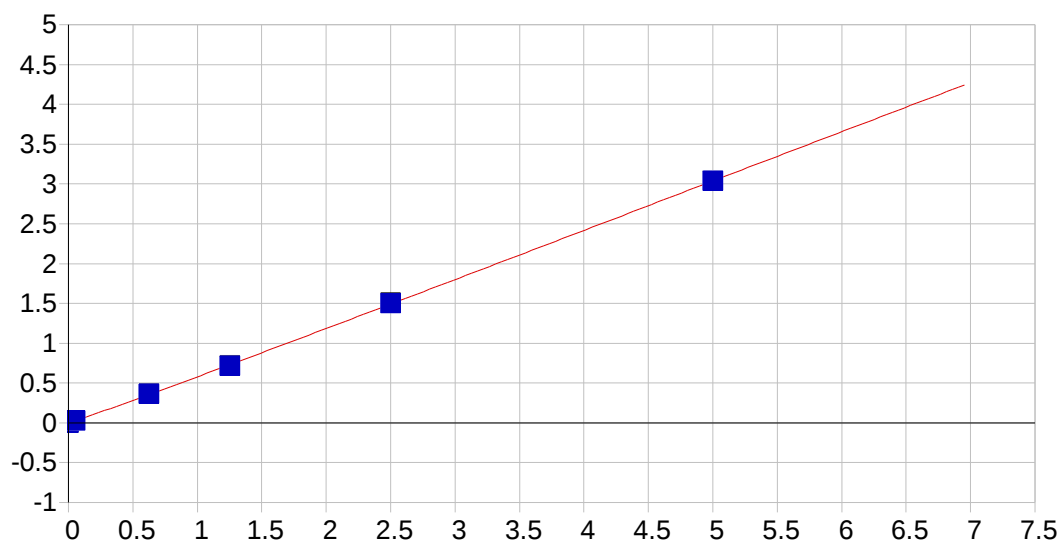
Status: OK.

Std Error of Est: 0.000019

Predicted MDL: 0.000539

Predicted MQL: 0.001797

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.01000	.01113	.001	11.3	.00119	.000	1
S2	3.8750	3.9329	.058	1.49	.39011	.001	1
S3	7.7500	7.6664	-.084	-1.08	.75436	.002	1
S4	15.500	15.521	.021	.134	1.5013	.002	1
S5	31.000	31.004	.004	.013	2.8971	.006	1



Co 228.616 {448}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000351

Re-Slope: 1.000000

A1 (Gain): 0.581031

Y-int: 0.000000

A2 (Curvature): -0.002161

n (Exponent): 1.040000

Correlation: 0.999972

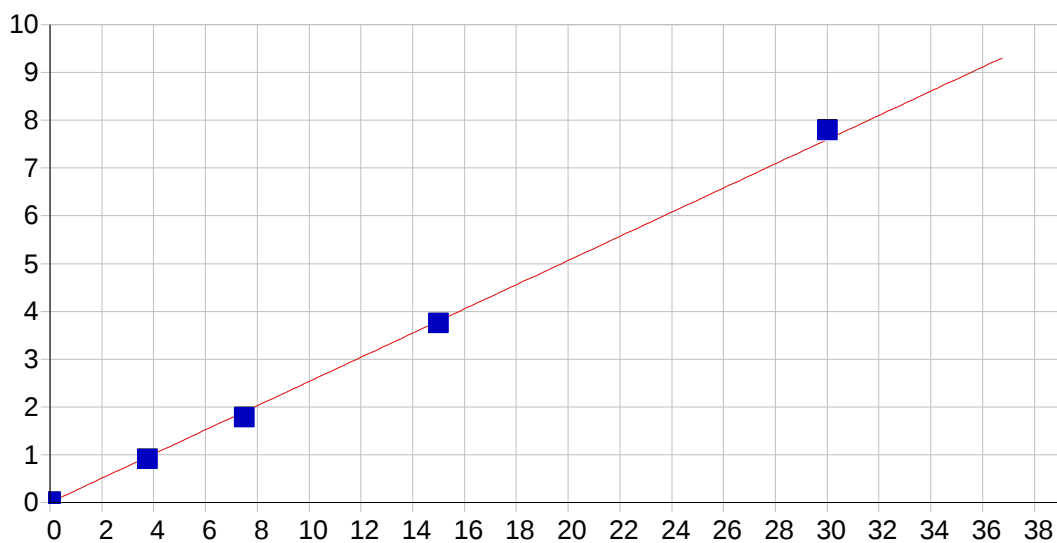
Status: OK.

Std Error of Est: 0.000169

Predicted MDL: 0.000259

Predicted MQL: 0.000863

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.05000	.05002	.000	.031	.02553	.000	1
S2	.62500	.63479	.010	1.57	.36176	.002	1
S3	1.2500	1.2303	-.020	-1.57	.71866	.001	1
S4	2.5000	2.5126	.013	.502	1.5027	.003	1
S5	5.0000	4.9974	-.003	-.052	3.0410	.003	1



Cu 324.754 {104}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001376

Re-Slope: 1.000000

A1 (Gain): 0.253143

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999469

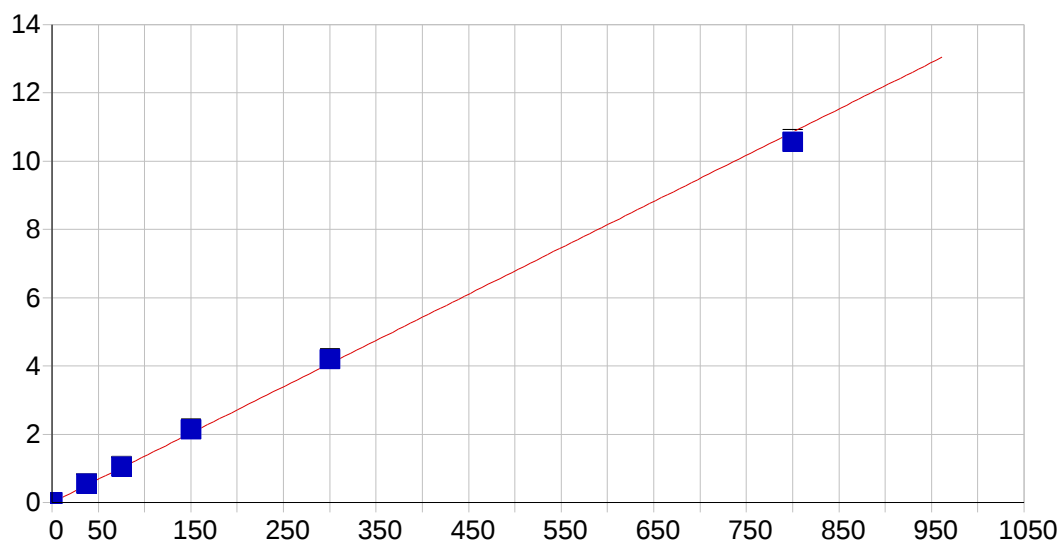
Status: OK.

Std Error of Est: 0.000378

Predicted MDL: 0.001282

Predicted MQL: 0.004273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00138	.000	1
S1	.02500	.02565	.001	2.58	.00783	.000	1
S2	3.7500	3.5971	-.153	-4.08	.90926	.001	1
S3	7.5000	7.0301	-.470	-6.27	1.7756	.005	1
S4	15.000	14.818	-.182	-1.21	3.7416	.005	1
S5	30.000	30.804	.804	2.68	7.7775	.012	1



Fe 259.837 {130}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000084

Re-Slope: 1.000000

A1 (Gain): 0.013566

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999488

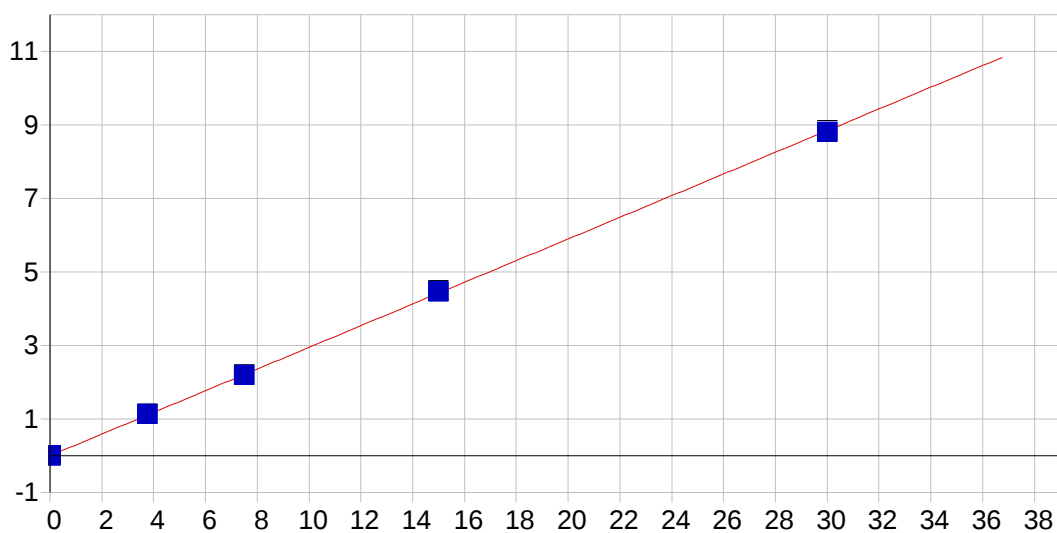
Status: OK.

Std Error of Est: 0.000190

Predicted MDL: 0.011997

Predicted MQL: 0.039991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00008	.000	1
S1	.10000	.11416	.014	14.2	.00164	.000	1
S2	37.500	39.921	2.42	6.46	.54225	.002	1
S3	75.000	77.358	2.36	3.14	1.0507	.003	1
S4	150.00	157.27	7.27	4.85	2.1360	.019	1
S5	300.00	308.91	8.91	2.97	4.1954	.018	1
S6	800.00	779.02	-21.0	-2.62	10.573	.066	1



Mn 257.610 {131}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000185

Re-Slope: 1.000000

A1 (Gain): 0.294894

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999956

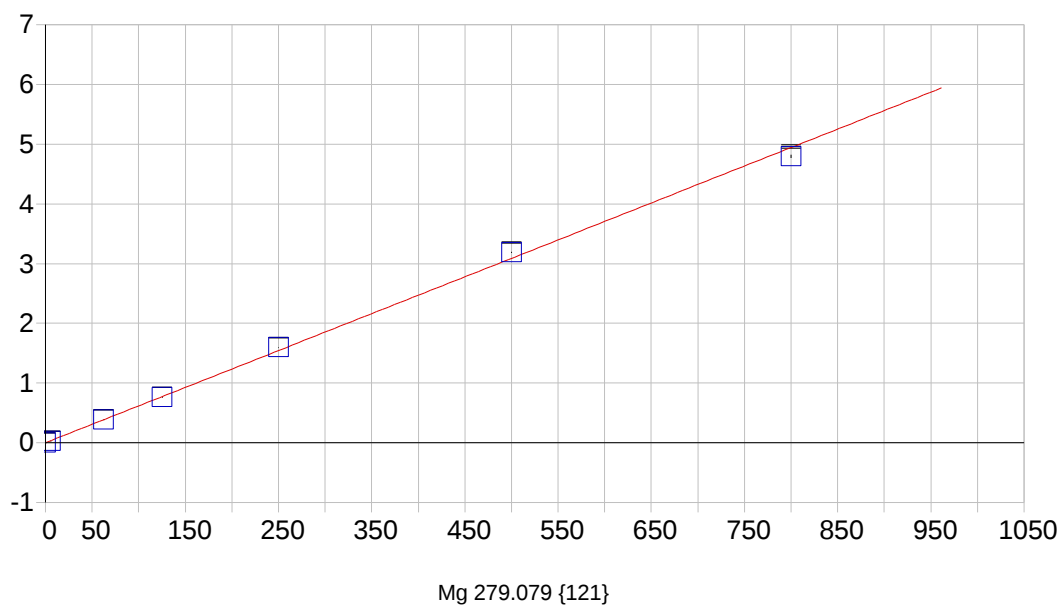
Status: OK.

Std Error of Est: 0.000098

Predicted MDL: 0.000627

Predicted MQL: 0.002089

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.01500	.01720	.002	14.7	.00489	.000	1
S2	3.7500	3.8452	.095	2.54	1.1340	.007	1
S3	7.5000	7.4415	-.058	-.780	2.1948	.010	1
S4	15.000	15.118	.118	.787	4.4590	.040	1
S5	30.000	29.843	-.157	-.523	8.8023	.054	1



Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000130

Re-Slope: 1.000000

A1 (Gain): 0.006178

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999562

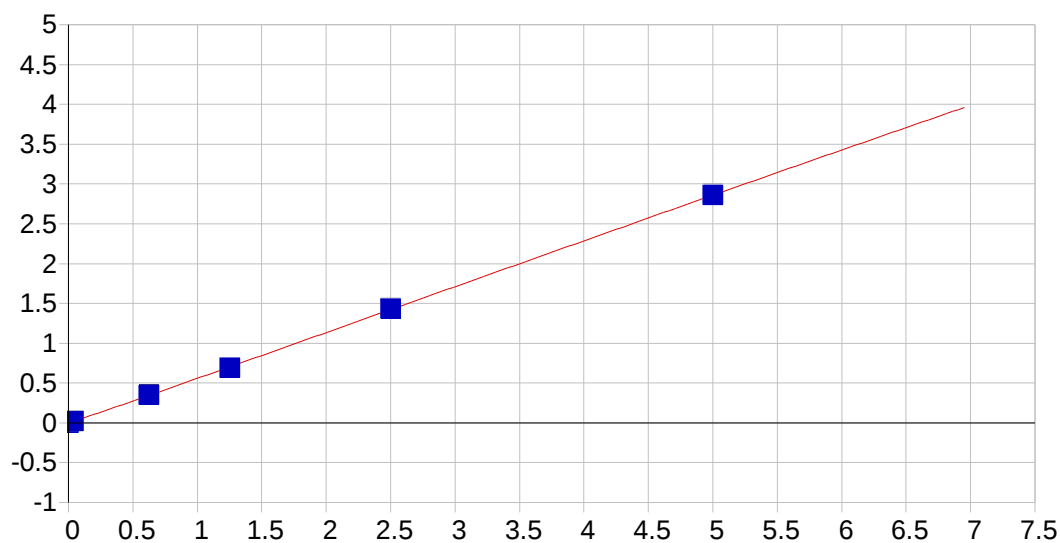
Status: OK.

Std Error of Est: 0.000638

Predicted MDL: 0.030849

Predicted MQL: 0.102831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	.000	.000	-.00013	.000	1
S1	5.0000	5.1825	.182	3.65	.03189	.000	1
S2	62.500	62.590	.090	.144	.38653	.002	1
S3	125.00	123.66	-1.34	-1.07	.76381	.003	1
S4	250.00	258.37	8.37	3.35	1.5960	.008	1
S5	500.00	516.28	16.3	3.26	3.1893	.010	1
S6	800.00	776.42	-23.6	-2.95	4.7963	.030	1



Ni 231.604 {446}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000332

Re-Slope: 1.000000

A1 (Gain): 0.562585

Y-int: 0.000000

A2 (Curvature): -0.003406

n (Exponent): 1.030000

Correlation: 0.999966

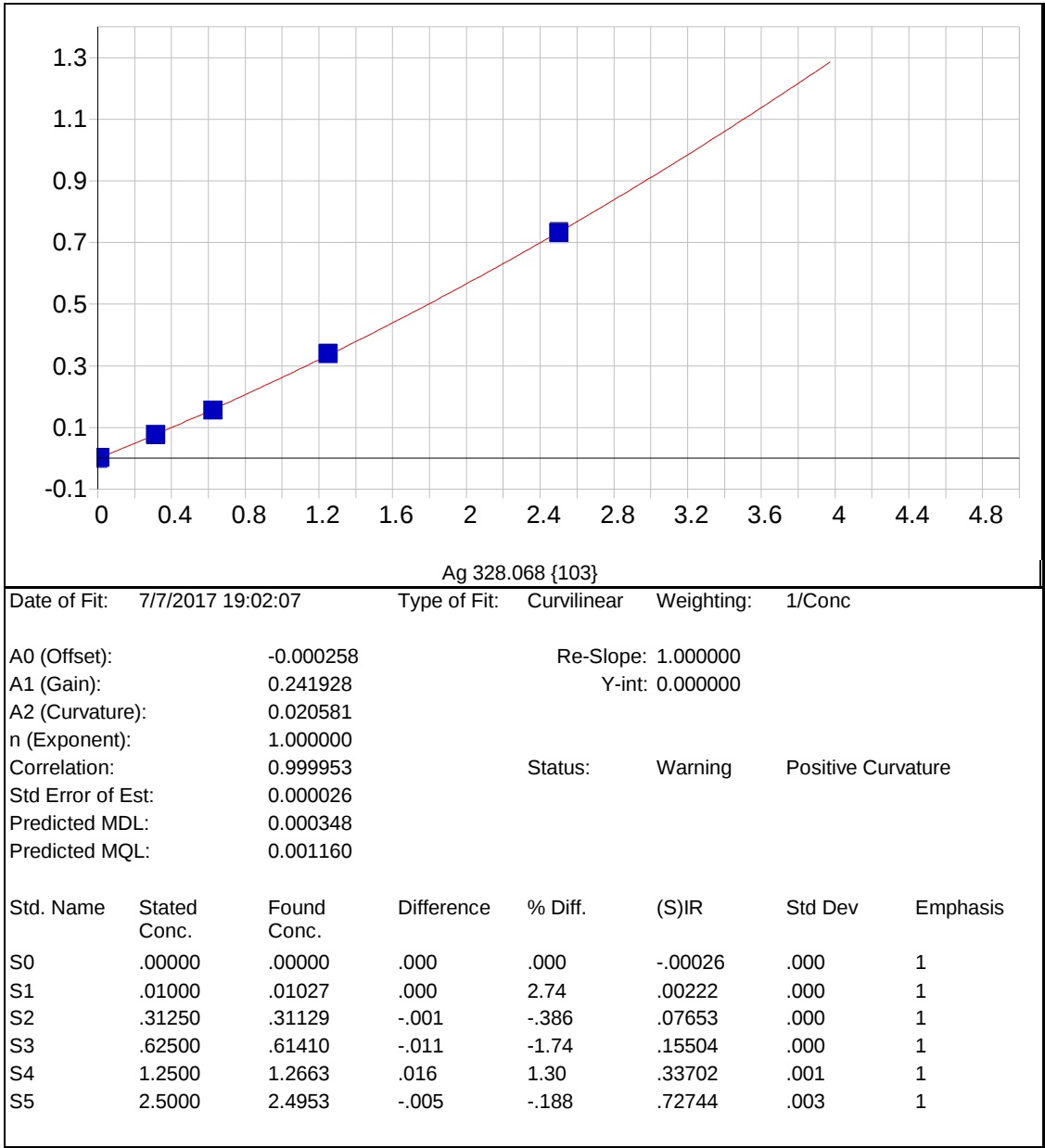
Status: OK.

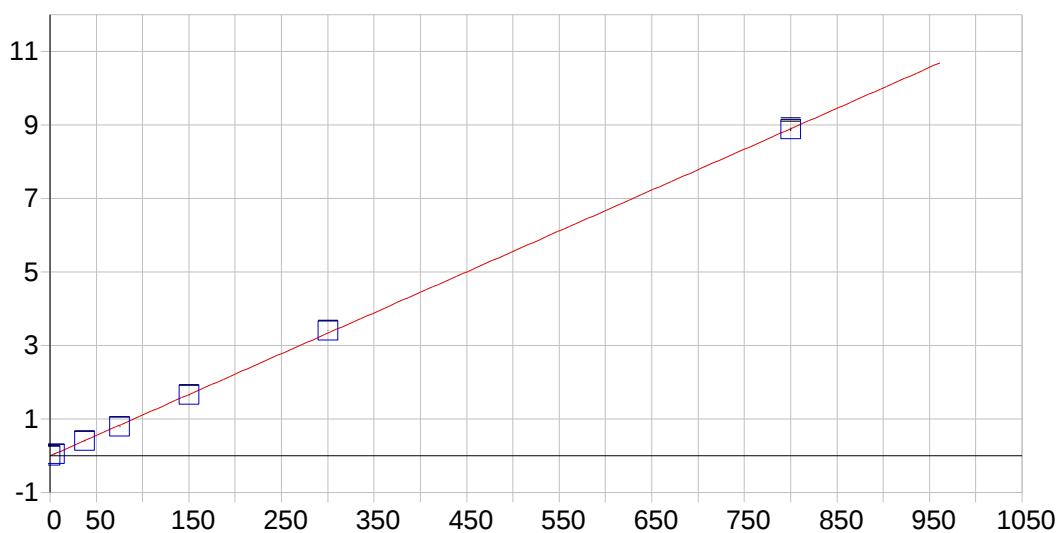
Std Error of Est: 0.000158

Predicted MDL: 0.000346

Predicted MQL: 0.001155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.04000	.03996	.000	-.102	.02010	.000	1
S2	.62500	.63602	.011	1.76	.35317	.002	1
S3	1.2500	1.2285	-.021	-1.72	.69358	.002	1
S4	2.5000	2.5133	.013	.533	1.4379	.003	1
S5	5.0000	4.9973	-.003	-.054	2.8712	.003	1





Na 818.326 { 41}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003762

Re-Slope: 1.000000

A1 (Gain): 0.011123

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999866

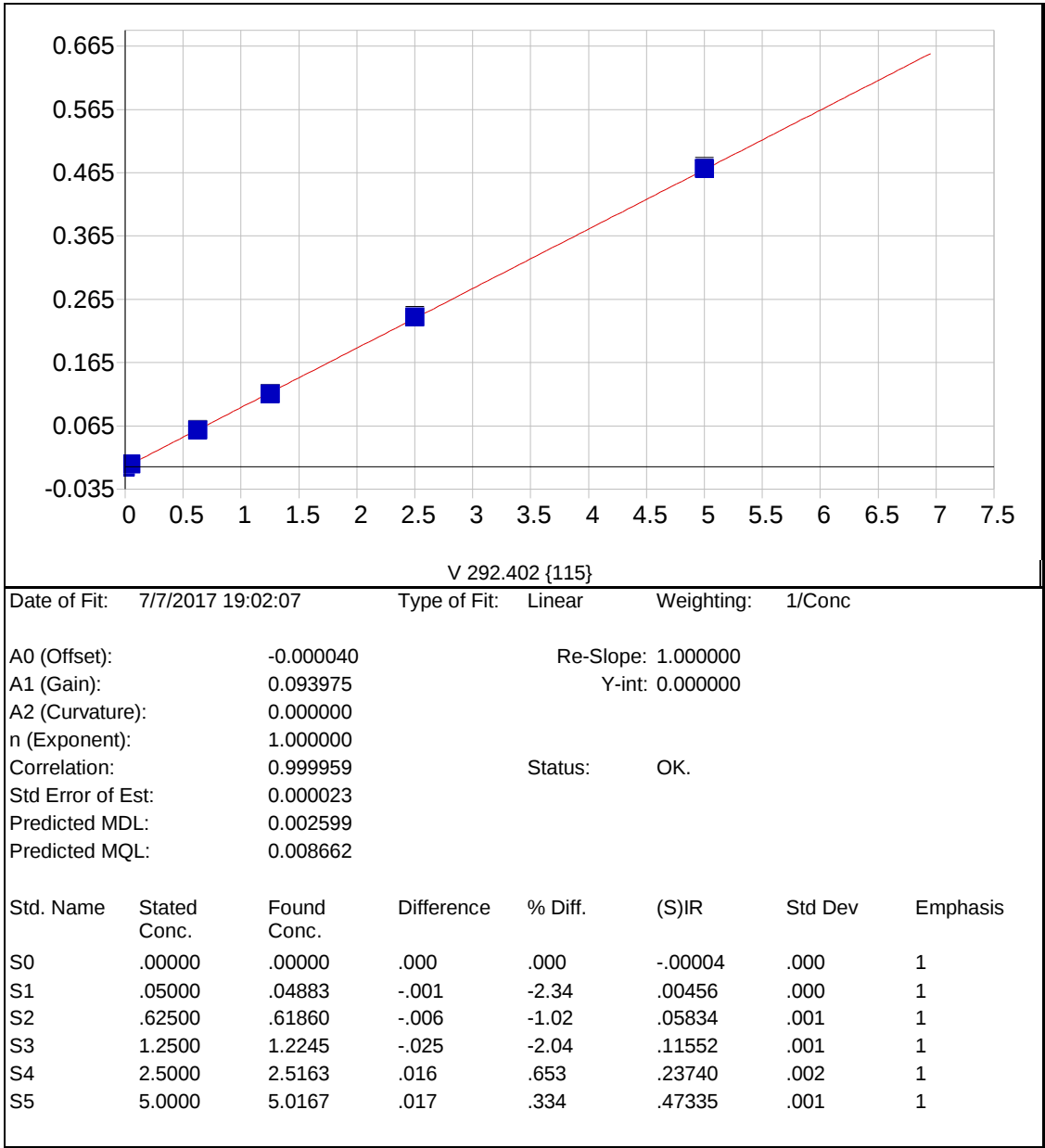
Status: OK.

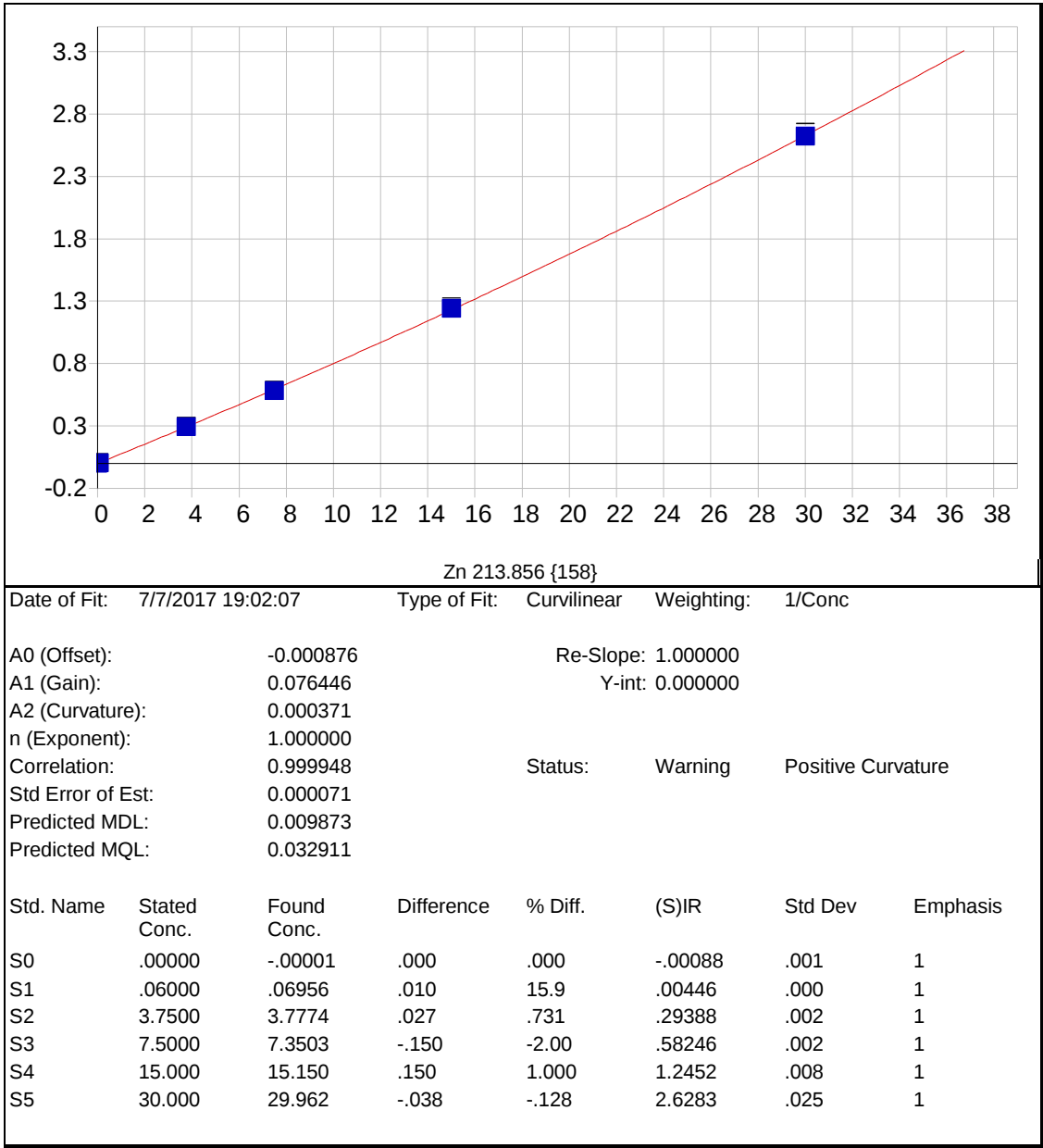
Std Error of Est: 0.000564

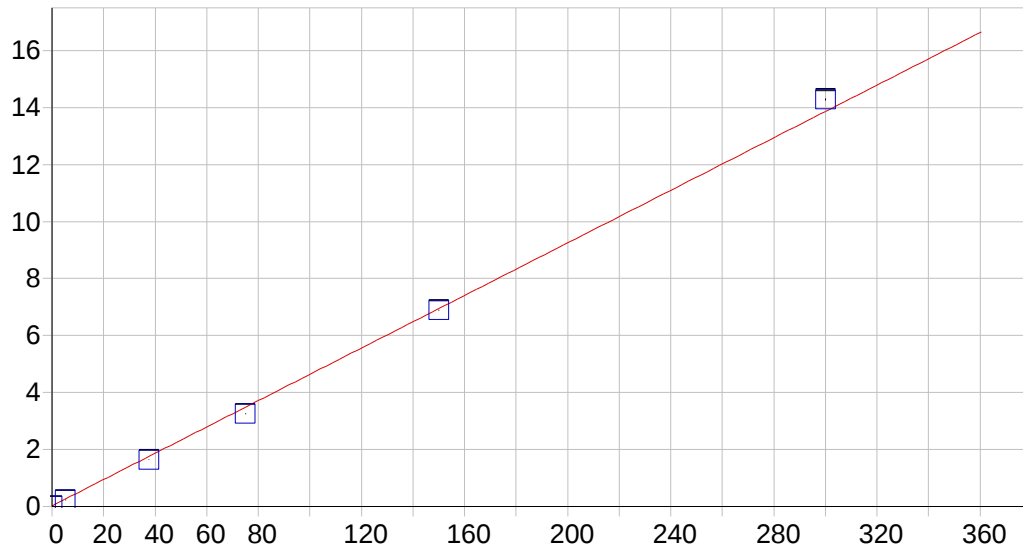
Predicted MDL: 0.102831

Predicted MQL: 0.342769

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	-.00376	.001	1
S1	5.0000	4.9768	-.023	-.464	.05160	.000	1
S2	37.500	36.307	-1.19	-3.18	.40009	.000	1
S3	75.000	71.296	-3.70	-4.94	.78929	.002	1
S4	150.00	149.87	-.131	-.088	1.6633	.001	1
S5	300.00	306.56	6.56	2.19	3.4063	.007	1
S6	800.00	798.49	-1.51	-.189	8.8782	.044	1







K 769.896 { 44}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.022589

Re-Slope: 1.000000

A1 (Gain): 0.046141

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999246

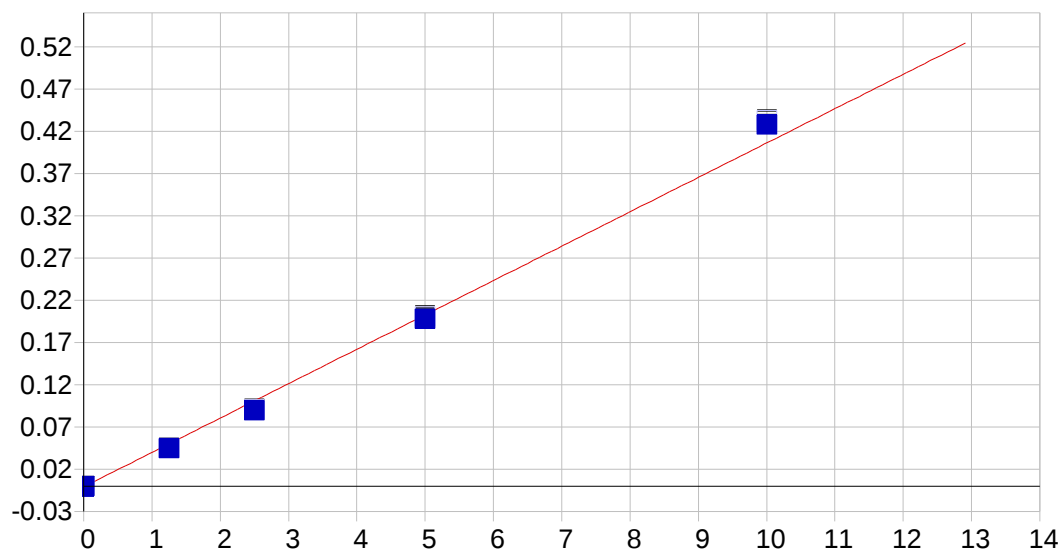
Status: OK.

Std Error of Est: 0.003696

Predicted MDL: 0.023994

Predicted MQL: 0.079981

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00119	.001	.000	.02264	.001	1
S1	5.0000	4.3361	-.664	-13.3	.22266	.001	1
S2	37.500	35.167	-2.33	-6.22	1.6452	.003	1
S3	75.000	70.006	-4.99	-6.66	3.2527	.006	1
S4	150.00	148.81	-1.19	-.796	6.8887	.014	1
S5	300.00	309.18	9.18	3.06	14.289	.035	1



P 177.495 {490}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000783

Re-Slope: 1.000000

A1 (Gain): 0.040672

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.997998

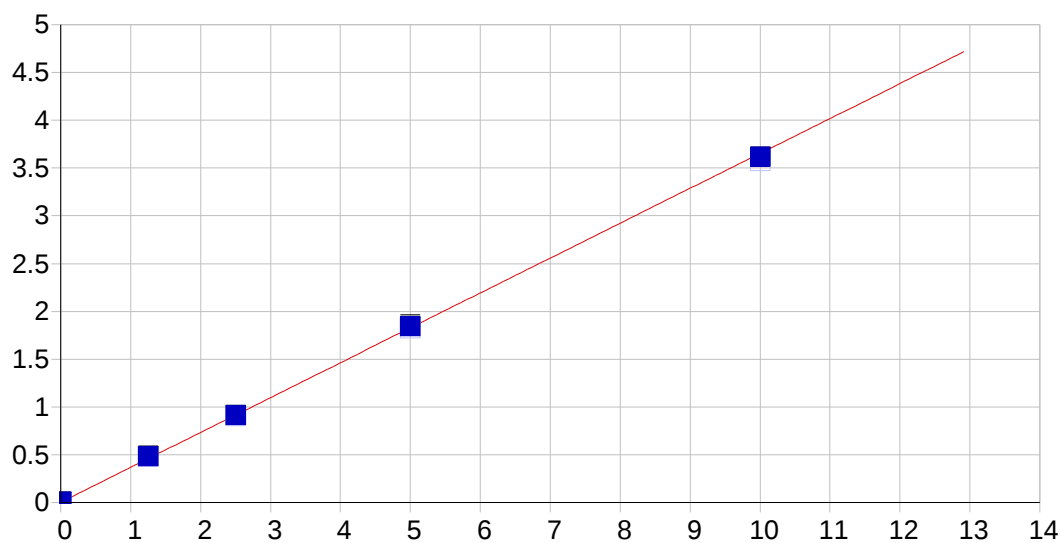
Status: OK.

Std Error of Est: 0.000044

Predicted MDL: 0.002511

Predicted MQL: 0.008372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00078	.000	1
S1	.01000	.01090	.001	9.04	-.00033	.000	1
S2	1.2500	1.1092	-.141	-11.3	.04499	.000	1
S3	2.5000	2.2249	-.275	-11.0	.09102	.001	1
S4	5.0000	4.8827	-.117	-2.35	.20044	.001	1
S5	10.000	10.532	.532	5.32	.43285	.001	1



B 249.678 {135}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002452

Re-Slope: 1.000000

A1 (Gain): 0.365062

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999858

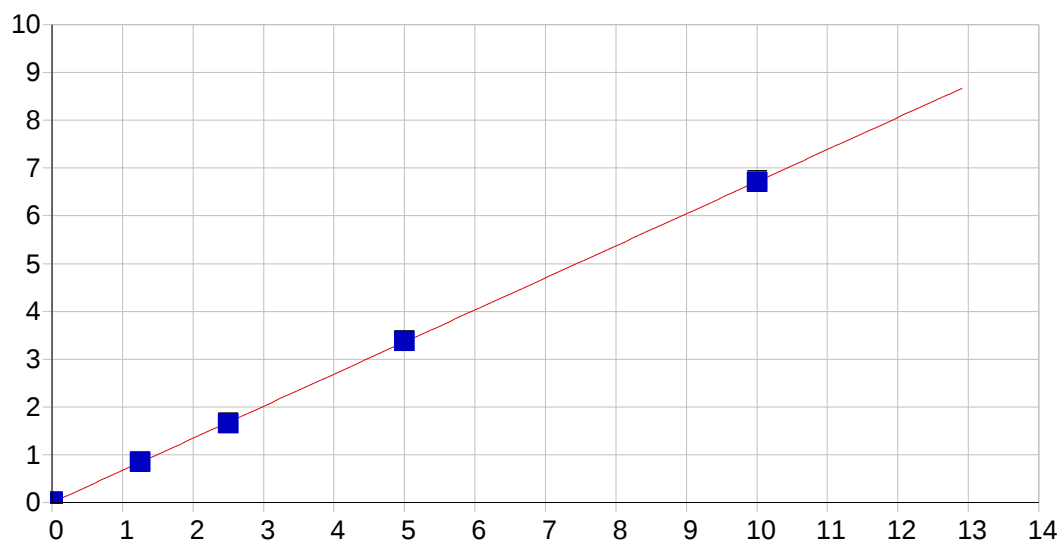
Status: OK.

Std Error of Est: 0.000102

Predicted MDL: 0.000939

Predicted MQL: 0.003129

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00245	.000	1
S1	.01000	.00879	-.001	-12.1	.00567	.000	1
S2	1.2500	1.3158	.066	5.26	.47708	.003	1
S3	2.5000	2.4941	-.006	-.237	.90151	.002	1
S4	5.0000	5.0471	.047	.942	1.8221	.012	1
S5	10.000	9.8943	-.106	-1.06	3.5688	.003	1



Mo 202.030 {467}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000168

Re-Slope: 1.000000

A1 (Gain): 0.671446

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999970

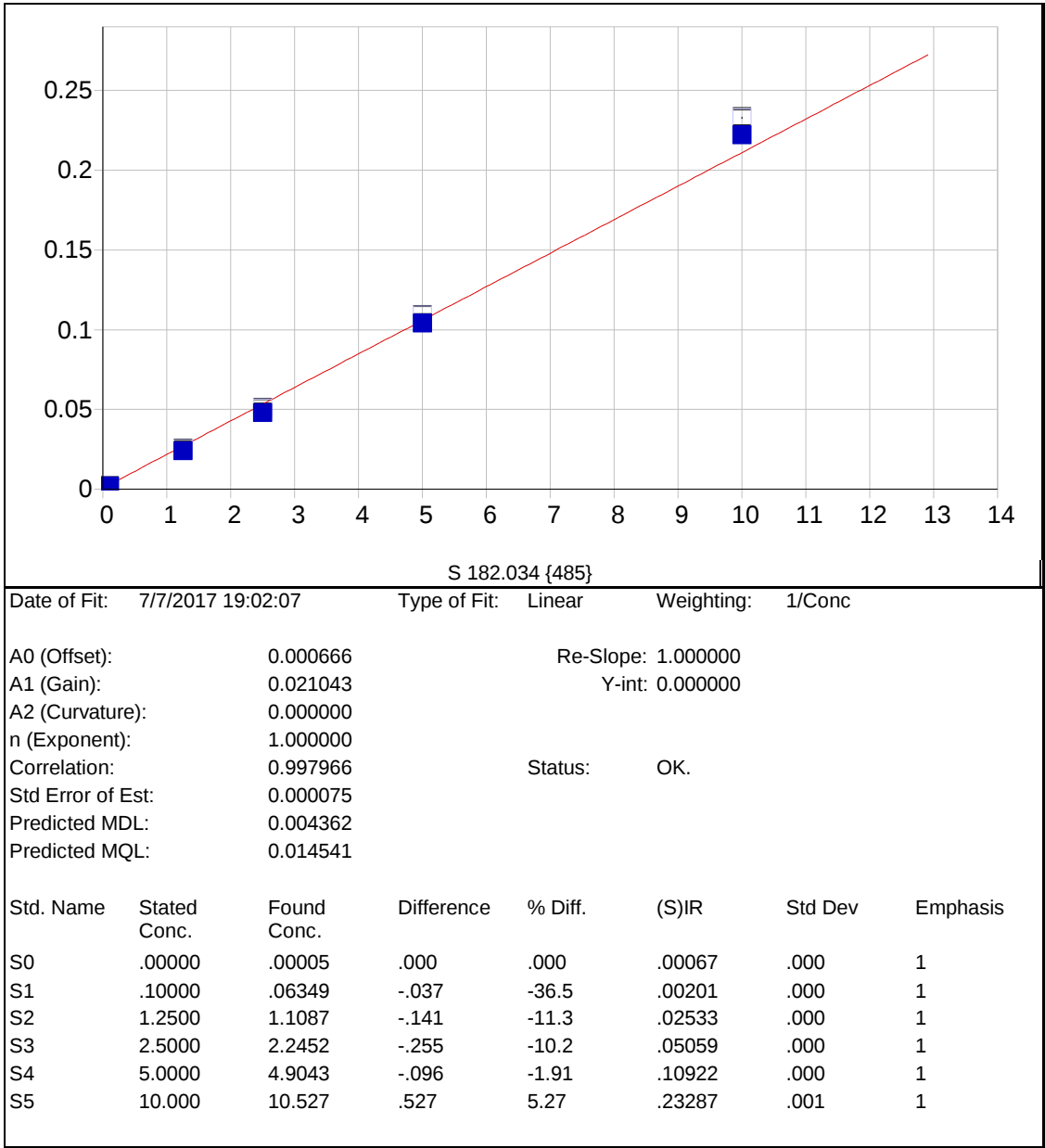
Status: OK.

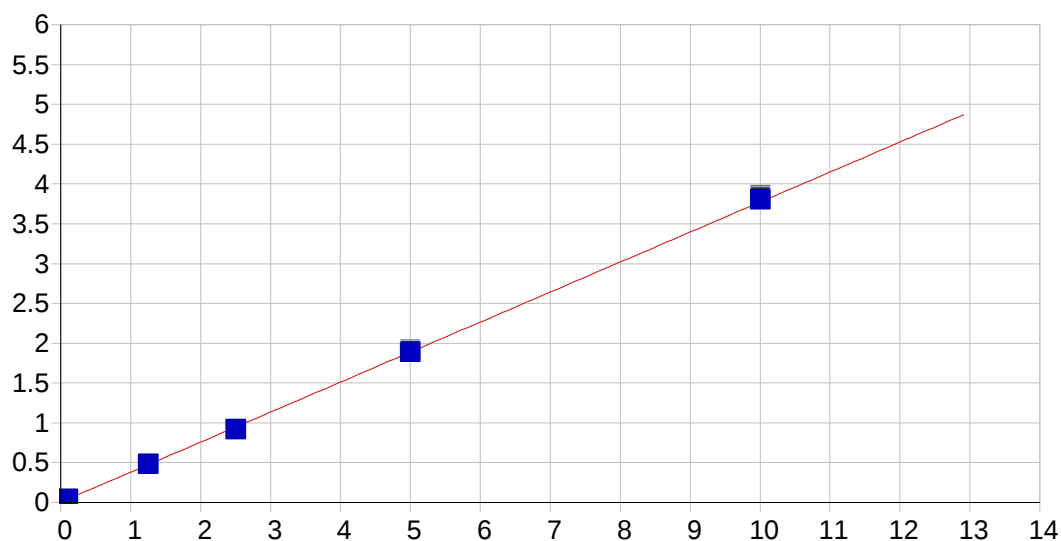
Std Error of Est: 0.000087

Predicted MDL: 0.000331

Predicted MQL: 0.001104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.01147	.001	14.7	.00789	.000	1
S2	1.2500	1.2681	.018	1.45	.85240	.006	1
S3	2.5000	2.4672	-.033	-1.31	1.6583	.003	1
S4	5.0000	5.0305	.031	.611	3.3810	.012	1
S5	10.000	9.9826	-.017	-.174	6.7091	.029	1





Si 251.611 {134}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004028

Re-Slope: 1.000000

A1 (Gain): 0.376854

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999883

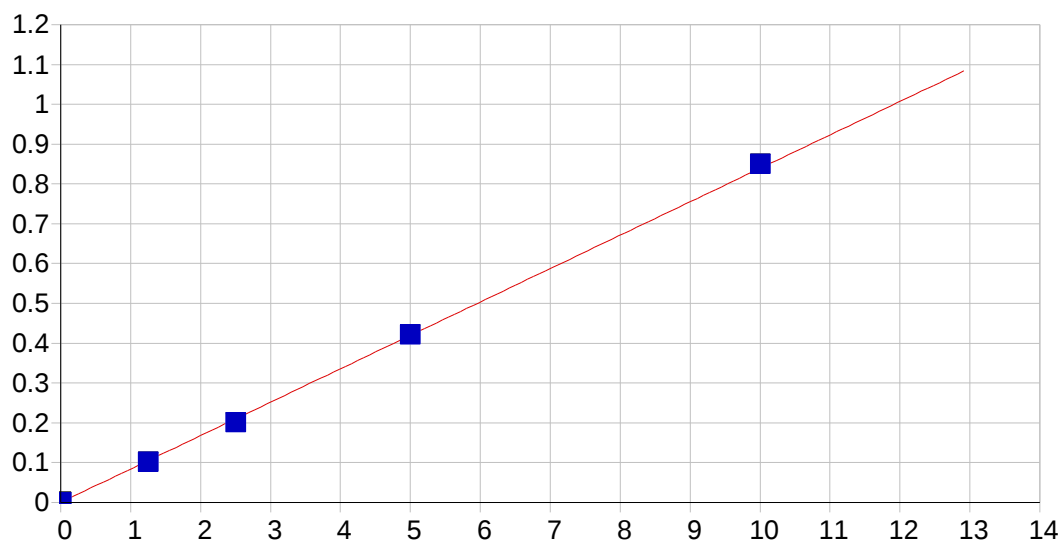
Status: OK.

Std Error of Est: 0.000310

Predicted MDL: 0.000938

Predicted MQL: 0.003126

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00403	.000	1
S1	.10000	.09002	-.010	-9.98	.03809	.000	1
S2	1.2500	1.2688	.019	1.50	.48773	.002	1
S3	2.5000	2.4201	-.080	-3.20	.92713	.001	1
S4	5.0000	4.9893	-.011	-.213	1.9065	.007	1
S5	10.000	10.082	.082	.817	3.8477	.010	1



Sn 189.989 {478}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000153

Re-Slope: 1.000000

A1 (Gain): 0.083908

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999793

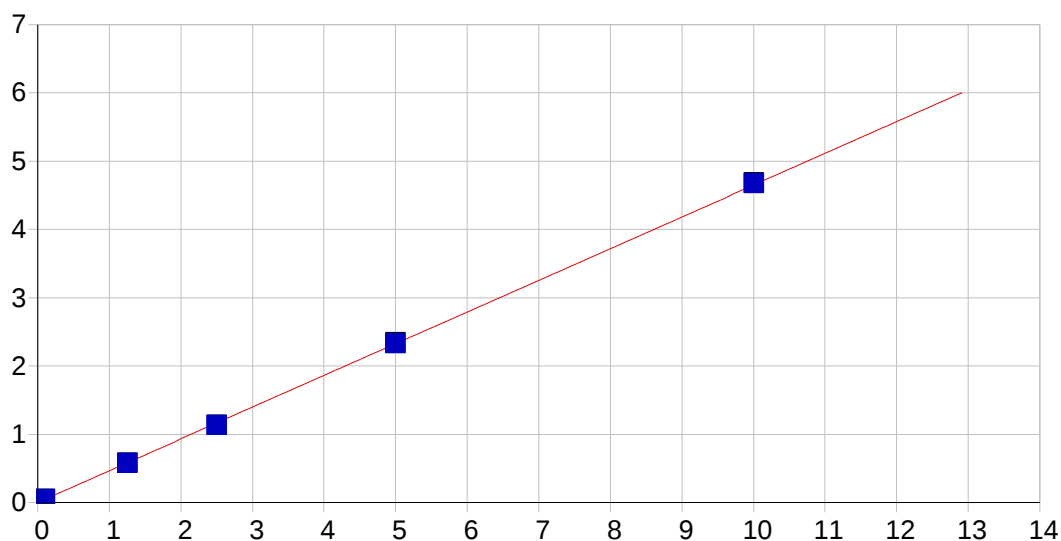
Status: OK.

Std Error of Est: 0.000024

Predicted MDL: 0.001210

Predicted MQL: 0.004035

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00700	.00600	-.001	-14.2	.00065	.000	1
S2	1.2500	1.2096	-.040	-3.23	.10156	.000	1
S3	2.5000	2.3929	-.107	-4.28	.20077	.001	1
S4	5.0000	5.0196	.020	.391	.42100	.001	1
S5	10.000	10.129	.129	1.29	.84939	.000	1



Ti 336.121 {100}

Date of Fit: 7/7/2017 19:02:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002035

Re-Slope: 1.000000

A1 (Gain): 0.464693

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999932

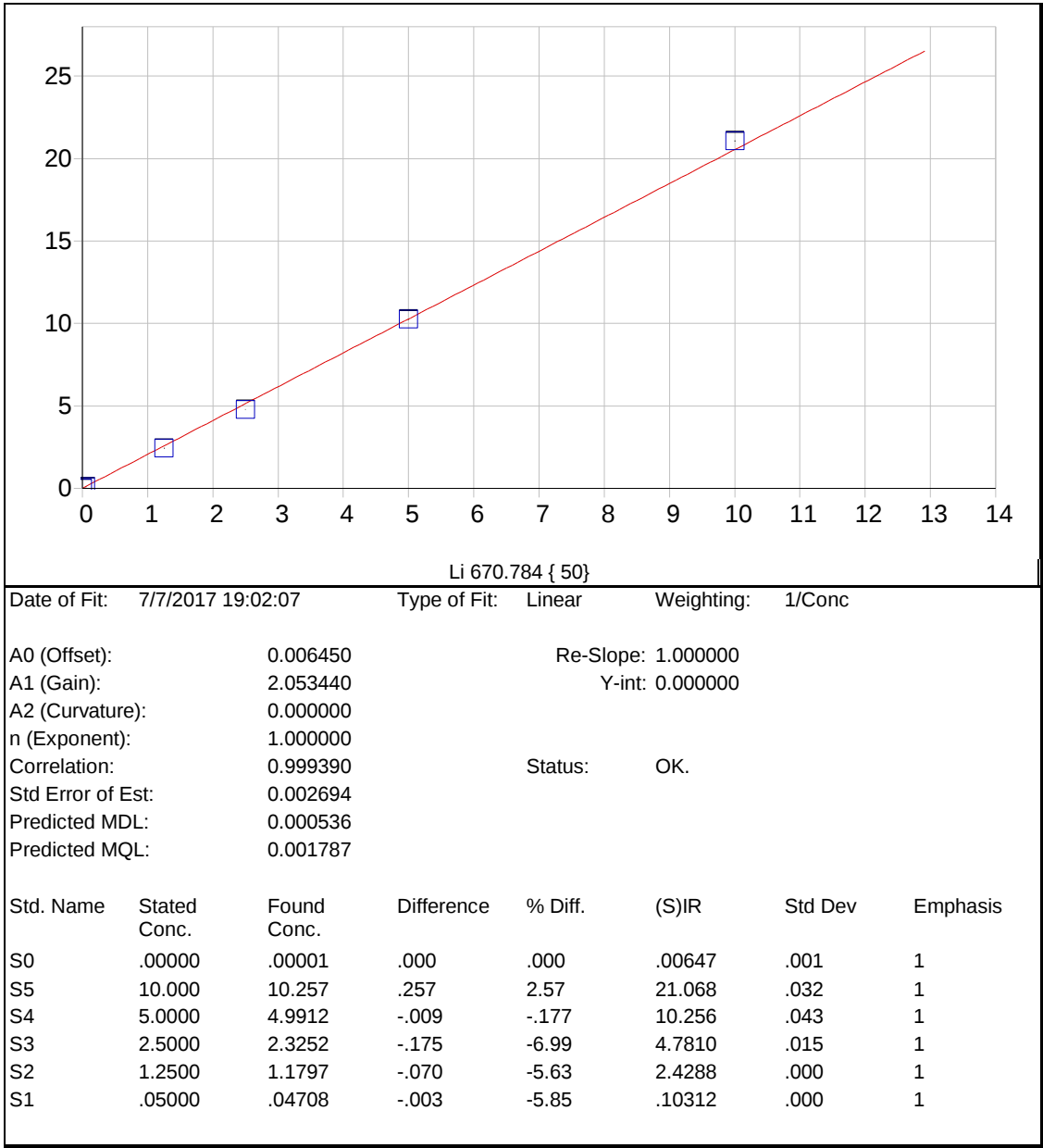
Status: OK.

Std Error of Est: 0.000288

Predicted MDL: 0.000777

Predicted MQL: 0.002591

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00203	.000	1
S1	.10000	.10428	.004	4.28	.05048	.000	1
S2	1.2500	1.2433	-.007	-.533	.57960	.001	1
S3	2.5000	2.4296	-.070	-2.82	1.1307	.001	1
S4	5.0000	5.0179	.018	.358	2.3330	.011	1
S5	10.000	10.055	.055	.548	4.6729	.012	1





Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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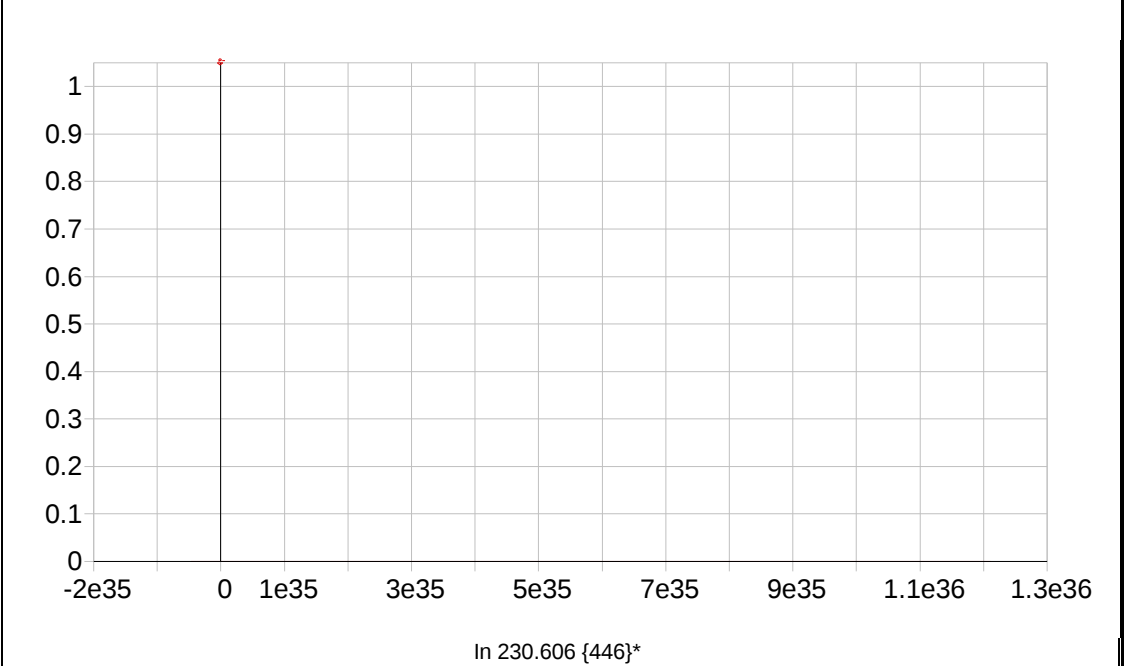




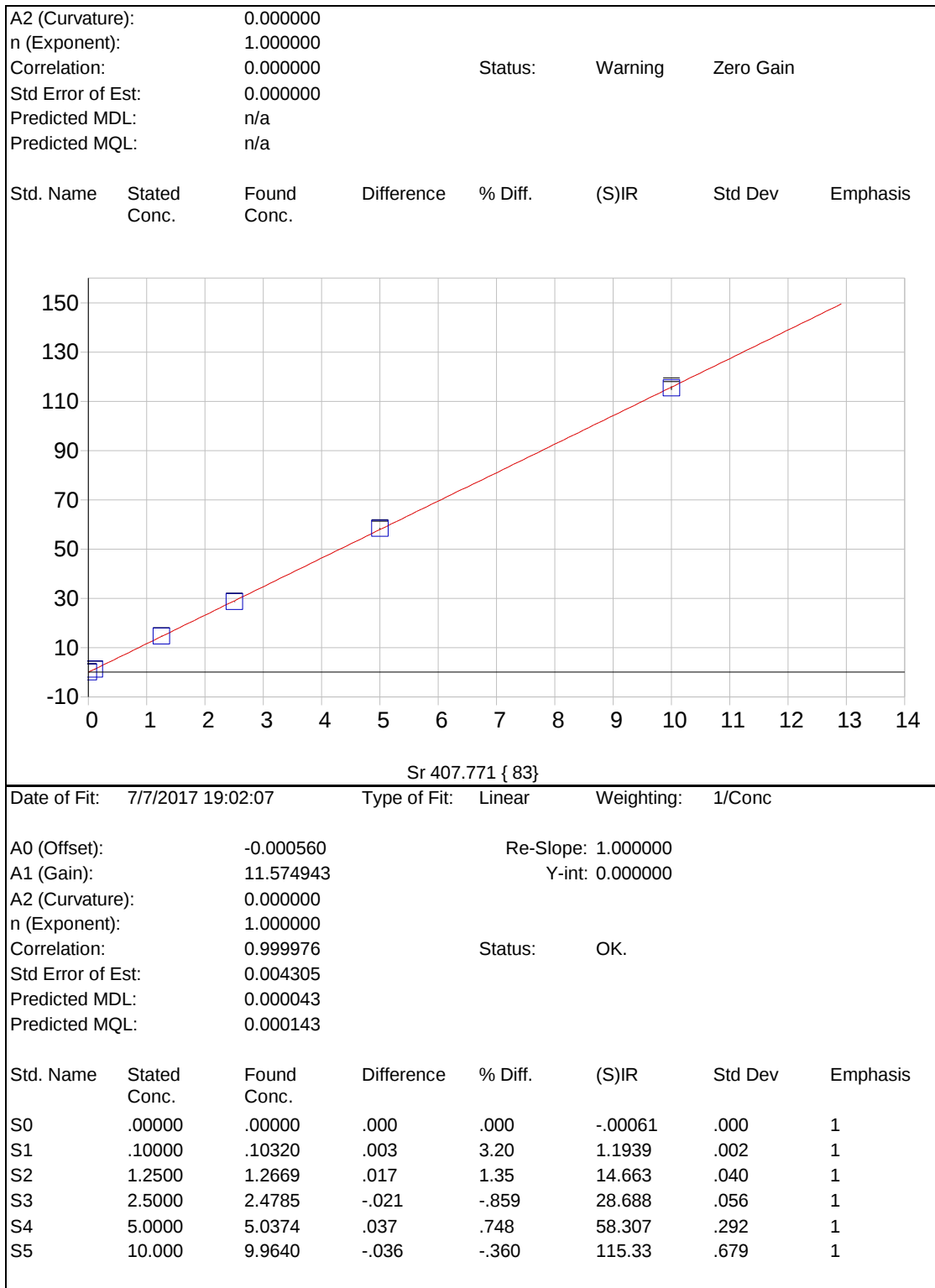


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 7/7/2017 17:44:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	-.00024	-.00020	.00031	.00034	.00024	.00087	-.02201	-.00164
Stddev	.00003	.00009	.00023	.00011	.00020	.00053	.00083	.00028
%RSD	12.528	42.728	74.129	32.958	83.961	60.528	3.7850	17.113

#1	-.00025	-.00019	.00051	.00047	.00011	.00105	-.02289	-.00153
#2	-.00021	-.00030	.00006	.00027	.00013	.00028	-.02189	-.00196
#3	-.00027	-.00012	.00034	.00028	.00047	.00129	-.02124	-.00144

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	.00008	.00196	.00007	-.00035	.00138	.00008	-.00019	-.00013
Stddev	.00010	.00045	.00003	.00009	.00013	.00008	.00008	.00010
%RSD	120.88	23.079	51.961	26.288	9.5714	92.053	41.407	71.899

#1	-.00003	.00238	.00006	-.00025	.00135	.00012	-.00025	-.00004
#2	.00015	.00148	.00010	-.00039	.00152	-.00001	-.00021	-.00023
#3	.00013	.00203	.00003	-.00042	.00126	.00013	-.00010	-.00013

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	-.00033	-.00026	-.00376	-.00004	-.00088	.02264	-.00078	.00245
Stddev	.00017	.00007	.00114	.00020	.00111	.00071	.00006	.00029
%RSD	51.078	27.401	30.386	494.33	126.93	3.1227	7.3758	11.820

#1	-.00015	-.00034	-.00262	-.00025	-.00151	.02187	-.00076	.00219
#2	-.00049	-.00021	-.00490	.00000	.00041	.02326	-.00074	.00240
#3	-.00036	-.00022	-.00376	.00014	-.00153	.02280	-.00085	.00277

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	.00017	.00067	.00403	.00015	.00203	.00647	-.00061	
Stddev	.00013	.00005	.00014	.00006	.00021	.00092	.00005	
%RSD	75.491	6.8034	3.3665	37.983	10.520	14.301	7.5670	

#1	.00002	.00062	.00415	.00009	.00189	.00601	-.00066	
#2	.00026	.00066	.00406	.00021	.00228	.00586	-.00057	
#3	.00022	.00071	.00389	.00016	.00193	.00753	-.00059	

Sample Name: S0 Acquired: 7/7/2017 17:44:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	1172.8	1788.9	48719.	6425.6	3379.0
Stddev	8.2	10.9	129.	34.2	9.5
%RSD	.69770	.60757	.26426	.53207	.28051
#1	1174.1	1777.5	48635.	6397.7	3368.4
#2	1164.1	1790.1	48655.	6415.4	3381.6
#3	1180.3	1799.1	48867.	6463.8	3386.8

Sample Name: S1 Acquired: 7/7/2017 17:49:08 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	.00011	.00156	.00179	.00221	.01319	.02020	1.2263	.01123
Stddev	.00010	.00004	.00017	.00011	.00020	.00021	.0057	.00008
%RSD	90.729	2.2529	9.5319	5.0537	1.5247	1.0287	.46816	.73899

#1	.00022	.00159	.00196	.00213	.01295	.02044	1.2236	.01129
#2	.00002	.00152	.00162	.00234	.01330	.02006	1.2223	.01113
#3	.00010	.00157	.00179	.00216	.01330	.02010	1.2329	.01126

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	.00580	.22560	.00119	.02553	.00783	.00164	.00489	.03189
Stddev	.00010	.00091	.00005	.00006	.00027	.00008	.00011	.00018
%RSD	1.6469	.40374	3.9320	.22345	3.4654	4.8255	2.2273	.57617

#1	.00578	.22464	.00118	.02558	.00812	.00164	.00478	.03178
#2	.00571	.22646	.00115	.02553	.00777	.00172	.00500	.03178
#3	.00590	.22569	.00124	.02547	.00759	.00156	.00489	.03210

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	.02010	.00222	.05160	.00456	.00446	.22266	-.00033	.00567
Stddev	.00013	.00009	.00025	.00017	.00032	.00102	.00014	.00042
%RSD	.63494	3.9308	.47908	3.6572	7.0649	.45603	41.680	7.4346

#1	.02009	.00229	.05143	.00471	.00456	.22365	-.00036	.00592
#2	.01999	.00226	.05148	.00438	.00471	.22162	-.00046	.00591
#3	.02024	.00212	.05188	.00460	.00411	.22270	-.00018	.00518

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	.00789	.00201	.03809	.00065	.05048	.10312	1.1939	
Stddev	.00025	.00003	.00018	.00006	.00037	.00037	.0023	
%RSD	3.1271	1.3636	.47651	8.5436	.73581	.35884	.19396	

#1	.00815	.00199	.03793	.00068	.05071	.10323	1.1913	
#2	.00786	.00204	.03805	.00068	.05005	.10342	1.1951	
#3	.00766	.00199	.03829	.00058	.05068	.10271	1.1954	

Sample Name: S1 Acquired: 7/7/2017 17:49:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	1163.4	1759.9	48603.	6513.0	3258.5
Stddev	10.4	4.1	118.	11.8	6.2
%RSD	.89474	.23567	.24313	.18102	.19079
#1	1161.7	1760.5	48512.	6521.7	3265.6
#2	1154.0	1755.5	48559.	6499.6	3254.2
#3	1174.6	1763.8	48736.	6517.8	3255.7

Sample Name: S2 Acquired: 7/7/2017 17:53:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	.05700	.08719	.92507	.06623	.25750	3.6025	16.582	.33875
Stddev	.00043	.00018	.00315	.00059	.00179	.0072	.024	.00254
%RSD	.75002	.20488	.34094	.89417	.69332	.20057	.14209	.75063

#1	.05674	.08701	.92354	.06633	.25832	3.6091	16.586	.33950
#2	.05677	.08736	.92298	.06559	.25545	3.5948	16.604	.34083
#3	.05749	.08721	.92870	.06677	.25873	3.6036	16.557	.33591

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	.70737	2.6965	.39011	.36176	.90926	.54225	1.1340	.38653
Stddev	.00363	.0133	.00071	.00215	.00074	.00173	.0074	.00154
%RSD	.51271	.49362	.18113	.59501	.08094	.31895	.65437	.39752

#1	.70384	2.6895	.39070	.36091	.90936	.54210	1.1378	.38794
#2	.70717	2.7118	.39030	.36016	.90848	.54405	1.1387	.38676
#3	.71109	2.6881	.38932	.36420	.90994	.54060	1.1254	.38489

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	.35317	.07653	.40009	.05834	.29388	1.6452	.04499	.47708
Stddev	.00180	.00025	.00029	.00065	.00218	.0035	.00032	.00304
%RSD	.50903	.32370	.07243	1.1068	.74215	.21101	.71729	.63671

#1	.35203	.07682	.40027	.05840	.29324	1.6492	.04469	.48012
#2	.35223	.07639	.39976	.05895	.29631	1.6430	.04494	.47708
#3	.35524	.07638	.40025	.05766	.29209	1.6435	.04533	.47405

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	.85240	.02533	.48773	.10156	.57960	2.4288	14.663	
Stddev	.00595	.00032	.00210	.00036	.00146	.0003	.040	
%RSD	.69839	1.2584	.43128	.35874	.25223	.01042	.27062	

#1	.85342	.02511	.48916	.10115	.58036	2.4289	14.706	
#2	.84600	.02519	.48871	.10169	.58054	2.4286	14.657	
#3	.85777	.02570	.48531	.10185	.57792	2.4291	14.627	

Sample Name: S2 Acquired: 7/7/2017 17:53:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	1100.5	1659.1	45785.	6258.4	2771.0
Stddev	3.7	13.0	74.	22.6	11.9
%RSD	.33844	.78254	.16080	.36054	.43018
#1	1096.6	1649.0	45706.	6234.2	2764.0
#2	1103.9	1673.8	45851.	6262.0	2784.7
#3	1101.1	1654.7	45798.	6278.9	2764.2

Sample Name: S3 Acquired: 7/7/2017 17:57:11 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	.11228	.16453	1.7881	.12698	.51073	7.1485	32.610	.66566
Stddev	.00076	.00009	.0036	.00100	.00126	.0109	.127	.00157
%RSD	.67487	.05688	.19925	.78773	.24671	.15203	.38995	.23591

#1	.11300	.16463	1.7871	.12778	.51216	7.1433	32.612	.66746
#2	.11149	.16453	1.7852	.12586	.50977	7.1610	32.736	.66495
#3	.11233	.16444	1.7921	.12730	.51026	7.1412	32.482	.66457

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	1.4017	5.3222	.75436	.71866	1.7756	1.0507	2.1948	.76381
Stddev	.0036	.0180	.00198	.00144	.0050	.0034	.0103	.00301
%RSD	.25930	.33820	.26212	.20018	.28093	.32563	.46693	.39435

#1	1.3983	5.3211	.75461	.71740	1.7750	1.0489	2.1941	.76201
#2	1.4013	5.3407	.75227	.71836	1.7808	1.0546	2.2053	.76729
#3	1.4056	5.3047	.75620	.72023	1.7709	1.0485	2.1849	.76213

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	.69358	.15504	.78929	.11552	.58246	3.2527	.09102	.90151
Stddev	.00168	.00037	.00170	.00079	.00183	.0059	.00060	.00163
%RSD	.24162	.23694	.21514	.68309	.31427	.18246	.66106	.18094

#1	.69236	.15462	.78941	.11467	.58054	3.2472	.09160	.90245
#2	.69289	.15528	.79093	.11624	.58418	3.2590	.09040	.90245
#3	.69549	.15522	.78754	.11566	.58265	3.2520	.09106	.89963

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	1.6583	.05059	.92713	.20077	1.1307	4.7810	28.688	
Stddev	.0031	.00030	.00079	.00076	.0010	.0145	.056	
%RSD	.18918	.59154	.08525	.37907	.08952	.30363	.19484	

#1	1.6581	.05084	.92791	.20101	1.1307	4.7778	28.688	
#2	1.6553	.05026	.92633	.19992	1.1316	4.7969	28.744	
#3	1.6615	.05067	.92714	.20139	1.1296	4.7684	28.633	

Sample Name: S3 Acquired: 7/7/2017 17:57:11 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	1092.8	1635.8	45562.	6350.7	2632.8
Stddev	1.8	4.1	77.	20.6	5.0
%RSD	.16670	.25309	.16882	.32414	.19155
#1	1093.9	1633.6	45568.	6345.2	2633.7
#2	1090.7	1640.6	45483.	6333.5	2637.3
#3	1093.7	1633.3	45636.	6373.5	2627.3

Sample Name: S4 Acquired: 7/7/2017 18:01:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	.23904	.32758	3.6658	.26542	1.0856	15.278	66.807	1.3904
Stddev	.00037	.00104	.0086	.00092	.0028	.015	.564	.0077
%RSD	.15320	.31750	.23469	.34549	.26052	.09910	.84438	.55347

#1	.23871	.32732	3.6669	.26593	1.0829	15.270	66.564	1.3894
#2	.23898	.32670	3.6567	.26436	1.0856	15.270	66.405	1.3832
#3	.23944	.32873	3.6738	.26597	1.0885	15.296	67.452	1.3985

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	2.9128	11.139	1.5013	1.5027	3.7416	2.1360	4.4590	1.5960
Stddev	.0090	.095	.0017	.0033	.0045	.0187	.0395	.0078
%RSD	.30846	.85071	.11388	.22192	.12118	.87403	.88684	.48713

#1	2.9161	11.126	1.5030	1.5020	3.7365	2.1360	4.4586	1.5930
#2	2.9027	11.051	1.5012	1.4997	3.7450	2.1173	4.4196	1.5902
#3	2.9198	11.239	1.4996	1.5063	3.7433	2.1547	4.4987	1.6048

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	1.4379	.33702	1.6633	.23740	1.2452	6.8887	.20044	1.8221
Stddev	.0028	.00104	.0008	.00167	.0079	.0144	.00133	.0124
%RSD	.19284	.30834	.04613	.70372	.63771	.20881	.66149	.67895

#1	1.4358	.33822	1.6627	.23736	1.2505	6.8880	.20000	1.8131
#2	1.4370	.33653	1.6631	.23575	1.2361	6.9034	.19938	1.8170
#3	1.4411	.33632	1.6641	.23909	1.2491	6.8746	.20192	1.8362

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	3.3810	.10922	1.9065	.42100	2.3330	10.256	58.307	
Stddev	.0116	.00037	.0071	.00091	.0109	.043	.292	
%RSD	.34323	.33900	.37162	.21725	.46648	.42294	.50066	

#1	3.3731	.10961	1.9032	.42090	2.3340	10.211	57.970	
#2	3.3754	.10888	1.9016	.42015	2.3217	10.298	58.460	
#3	3.3943	.10916	1.9146	.42197	2.3434	10.257	58.491	

Sample Name: S4 Acquired: 7/7/2017 18:01:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	1002.9	1497.0	42580.	6049.2	2314.1
Stddev	.4	3.1	136.	23.5	2.5
%RSD	.04229	.20381	.31966	.38791	.10991
#1	1003.3	1500.4	42585.	6067.2	2314.5
#2	1003.0	1495.7	42442.	6057.8	2311.3
#3	1002.5	1494.8	42714.	6022.7	2316.3

Sample Name: S5 Acquired: 7/7/2017 18:05:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	.50590	.63779	7.3593	.55430	2.2981	31.916	133.86	2.8709
Stddev	.00205	.00124	.0112	.00228	.0142	.019	1.03	.0151
%RSD	.40603	.19496	.15205	.41057	.61936	.05868	.76603	.52475

#1	.50429	.63813	7.3555	.55220	2.2842	31.906	133.90	2.8882
#2	.50519	.63642	7.3505	.55399	2.2975	31.937	134.87	2.8607
#3	.50821	.63883	7.3719	.55672	2.3127	31.904	132.82	2.8638

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.8445	22.573	2.8971	3.0410	7.7775	4.1954	8.8023	3.1893
Stddev	.0054	.129	.0056	.0033	.0116	.0176	.0538	.0095
%RSD	.09260	.57045	.19153	.10794	.14870	.41953	.61091	.29798

#1	5.8494	22.694	2.9033	3.0377	7.7699	4.2103	8.8541	3.1989
#2	5.8387	22.586	2.8924	3.0410	7.7719	4.2000	8.8059	3.1892
#3	5.8455	22.438	2.8957	3.0443	7.7908	4.1760	8.7468	3.1799

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	2.8712	.72744	3.4063	.47335	2.6283	14.289	.43285	3.5688
Stddev	.0034	.00302	.0065	.00099	.0250	.035	.00065	.0027
%RSD	.11677	.41539	.19175	.20997	.95145	.24657	.15074	.07642

#1	2.8680	.72845	3.4116	.47245	2.6226	14.253	.43277	3.5719
#2	2.8710	.72983	3.4083	.47441	2.6556	14.323	.43224	3.5667
#3	2.8747	.72405	3.3990	.47318	2.6066	14.289	.43353	3.5677

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	6.7091	.23287	3.8477	.84939	4.6729	21.068	115.33	
Stddev	.0290	.00061	.0103	.00045	.0125	.032	.68	
%RSD	.43215	.26285	.26878	.05343	.26689	.14971	.58867	

#1	6.6901	.23348	3.8597	.84970	4.6833	21.040	115.20	
#2	6.6947	.23226	3.8417	.84959	4.6762	21.062	116.07	
#3	6.7424	.23289	3.8418	.84887	4.6591	21.103	114.73	

Sample Name: S5 Acquired: 7/7/2017 18:05:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	916.70	1360.2	40240.	5830.0	2014.4
Stddev	8.14	8.3	249.	18.4	7.7
%RSD	.88755	.60835	.61879	.31482	.38210
#1	917.97	1367.2	40242.	5815.7	2022.1
#2	908.00	1362.2	39990.	5823.7	2014.3
#3	924.12	1351.1	40488.	5850.7	2006.7

Sample Name: S6 Acquired: 7/7/2017 18:09:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	80.743	34.951	10.573	4.7963	8.8782
Stddev	.296	.263	.066	.0300	.0438
%RSD	.36686	.75176	.62150	.62464	.49369

#1	80.945	34.661	10.510	4.7678	8.8348
#2	80.880	35.174	10.641	4.8275	8.9225
#3	80.403	35.019	10.570	4.7937	8.8773

Int. Std.	Y_3710
Units	Cts/S
Avg	5646.0
Stddev	24.5
%RSD	.43400

#1	5654.5
#2	5618.4
#3	5665.1

Sample Name: ICV Acquired: 7/7/2017 18:13:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9651165	1.102301	1.027111	1.019382	.9589943	2.331595
Stddev	.0059843	.005251	.002394	.003554	.0053209	.004232
%RSD	.6200556	.4763809	.2330804	.3486732	.5548417	.1815136

#1	.9661970	1.106590	1.025233	1.023185	.9582401	2.336157
#2	.9586655	1.096445	1.026293	1.016144	.9540907	2.330831
#3	.9704868	1.103867	1.029807	1.018816	.9646520	2.327796

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4511925	.4456028	.4773550	9.858115	.5168373	.4492363
Stddev	.0017397	.0043750	.0014174	.049594	.0037525	.0015400
%RSD	.3855778	.9818163	.2969371	.5030788	.7260452	.3428014

#1	.4507614	.4474519	.4776356	9.801739	.5207225	.4485820
#2	.4531072	.4406068	.4758182	9.877595	.5132334	.4481316
#3	.4497088	.4487496	.4786111	9.895012	.5165562	.4509954

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4861379	5.517817	.5201593	5.966495	.4533117	.4642887
Stddev	.0017509	.018704	.0045551	.043567	.0016629	.0041784
%RSD	.3601700	.3389683	.8757136	.7301873	.3668241	.8999590

#1	.4879807	5.496689	.5180609	5.965408	.4527263	.4691068
#2	.4844962	5.524503	.5170316	5.923482	.4520208	.4616594
#3	.4859369	5.532258	.5253854	6.010595	.4551881	.4620998

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.675050	.4711276	1.011102	9.153831	F -.011234	F -.006308
Stddev	.051474	.0039298	.015406	.014486	.002118	.000630
%RSD	.5320288	.8341277	1.523686	.1582474	18.85523	9.991818

#1	9.616185	.4670977	1.011676	9.163225	-.008806	-.005816
#2	9.697354	.4713360	1.026213	9.137149	-.012702	-.006089
#3	9.711610	.4749490	.995417	9.161120	-.012194	-.007018

Sample Name: ICV Acquired: 7/7/2017 18:13:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000132	-.006777	-.000199	F .0004145	-.000462	.0006313
Stddev	.000421	.000485	.000650	.0010092	.000641	.0004587
%RSD	319.4628	7.152788	326.4577	243.4643	138.7539	72.66640

#1	-.000313	-.007332	-.000095	.0000145	-.000987	.0002469
#2	-.000431	-.006563	.000392	-.000333	-.000651	.0005078
#3	.000349	-.006436	-.000894	.001562	.000252	.0011391

Elem	Sr4077
Units	ppm
Avg	.0111558
Stddev	.0000208
%RSD	.1866469

#1	.0111642
#2	.0111712
#3	.0111321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1156.857	1759.650	48019.39	6444.742	3182.201
Stddev	14.420	10.824	219.84	9.072	12.978
%RSD	1.246445	.6151494	.4578090	.1407602	.4078460

#1	1160.737	1756.113	48044.58	6452.930	3178.615
#2	1140.894	1771.800	47788.04	6446.306	3196.596
#3	1168.939	1751.036	48225.54	6434.990	3171.393

Sample Name: ICB Acquired: 7/7/2017 18:26:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	-.002411	-.000778	-.001348	-.002213	-.000516	-.002024	.0001718
Stddev	.001593	.001286	.000498	.000784	.000394	.005849	.0000222
%RSD	66.06467	165.3014	36.95858	35.44039	76.39250	289.0156	12.90731

#1	-.001006	.000707	-.001854	-.001349	-.000903	.003626	.0001972
#2	-.004141	-.001502	-.000858	-.002409	-.000114	-.008054	.0001566
#3	-.002086	-.001538	-.001333	-.002880	-.000532	-.001644	.0001615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000549	.0000534	-.028152	-.000583	-.000173	-.000627	.0096390
Stddev	.000075	.0000063	.008019	.000368	.000277	.000585	.0083906
%RSD	13.65556	11.70065	28.48568	63.15038	159.4410	93.24711	87.04778

#1	-.000549	.0000546	-.020804	-.000168	-.000372	-.000007	.0019455
#2	-.000474	.0000467	-.036706	-.000711	-.000291	-.001169	.0185856
#3	-.000624	.0000591	-.026947	-.000871	.000142	-.000705	.0083859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006645	-.005003	.0001724	-.000125	.0048408	.0001216	.0022655
Stddev	.0007064	.009946	.0002312	.000347	.1055977	.0010349	.0028000
%RSD	106.3182	198.7960	134.1435	278.2252	2181.403	851.3049	123.5934

#1	-.000151	-.013468	-.000069	.000061	-.112821	.0006103	-.000963
#2	.001081	.005950	.000392	.000090	.035967	.0008215	.003722
#3	.001064	-.007491	.000193	-.000525	.091377	-.001067	.004037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.360984	-.000722	.0039836	.0006466	-.011978	-.008312	-.000184
Stddev	.023295	.001490	.0008769	.0001157	.004462	.000649	.000211
%RSD	6.453231	206.2455	22.01261	17.89066	37.25270	7.806611	114.6503

#1	-.378985	-.001572	.0043903	.0007343	-.016900	-.007961	-.000112
#2	-.334673	-.001593	.0045833	.0006899	-.010833	-.007913	-.000018
#3	-.369294	.000998	.0029772	.0005155	-.008199	-.009060	-.000422

Sample Name: ICB Acquired: 7/7/2017 18:26:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) 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	.0002753	-.001684	-.000093
Stddev	.0001762	.000546	.000033
%RSD	64.02302	32.45351	34.99912

#1	.0004232	-.001141	-.000069
#2	.0003223	-.002234	-.000080
#3	.0000803	-.001676	-.000130

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.009	1802.521	50112.86	6556.264	3411.121
Stddev	3.287	1.949	112.26	38.499	4.012
%RSD	.2769220	.1081224	.2240053	.5872111	.1176153

#1	1185.278	1800.740	50053.64	6532.371	3407.290
#2	1184.948	1802.220	50042.61	6535.746	3415.292
#3	1190.799	1804.603	50242.32	6600.677	3410.782

Sample Name: ICSA Acquired: 7/7/2017 18:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000557	-.013378	-.003198	-.026410	.0029851	240.5704
Stddev	.003917	.001980	.002217	.001505	.0030269	.6258
%RSD	703.1830	14.79852	69.31402	5.698843	101.4001	.2601128

#1	.002252	-.015645	-.001834	-.024753	.0058957	241.1781
#2	.001108	-.012504	-.005756	-.026784	-.000146	240.6051
#3	-.005032	-.011987	-.002005	-.027692	.003205	239.9280

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049044	.0008804	.0055694	244.0028	.0438985	.0013836
Stddev	.0001534	.0002578	.0000884	.5644	.0005877	.0001278
%RSD	3.127668	29.27783	1.587856	.2313092	1.338733	9.238371

#1	.0050706	.0007527	.0056433	243.5559	.0443078	.0012381
#2	.0048743	.0007113	.0055934	243.8155	.0432251	.0014350
#3	.0047683	.0011770	.0054714	244.6370	.0441626	.0014777

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217266	104.4261	.0139964	258.3753	-.000480	-.002741
Stddev	.0005242	.4463	.0002921	.2761	.000039	.000400
%RSD	2.412720	.4273661	2.086786	.1068635	8.040676	14.60944

#1	.0211760	104.5124	.0138297	258.5410	-.000457	-.002956
#2	.0222196	103.9430	.0138259	258.0565	-.000458	-.002279
#3	.0217842	104.8230	.0143337	258.5283	-.000524	-.002989

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4311831	.0004468	.0187840	-.239800	-.013182	F -.244975
Stddev	.0563334	.0027920	.0020062	.007479	.002471	.001568
%RSD	13.06485	624.8998	10.68040	3.118772	18.74414	.6399674

#1	.3963864	-.002739	.0165975	-.231165	-.015732	-.246784
#2	.4009858	.001611	.0205399	-.243974	-.013014	-.244140
#3	.4961771	.002468	.0192146	-.244259	-.010799	-.244002

Sample Name: ICSA Acquired: 7/7/2017 18:30:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	.0092707	-.010288	-.003527	.0000152	.0012040
Stddev	.000644	.0018114	.001421	.002581	.0003536	.0007660
%RSD	2787.808	19.53897	13.81415	73.18383	2328.593	63.62674

#1	.000118	.0094487	-.011748	-.006078	.0004189	.0018468
#2	-.000726	.0073768	-.010207	-.003586	-.000134	.0014087
#3	.000539	.0109865	-.008909	-.000917	-.000239	.0003564

Elem	Sr4077
Units	ppm
Avg	.0959269
Stddev	.0000830
%RSD	.0864906

#1	.0959432
#2	.0960005
#3	.0958370

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.873	1616.087	44398.29	6133.920	2537.563
Stddev	12.733	5.282	293.72	5.048	6.482
%RSD	1.180187	.3268365	.6615591	.0822958	.2554540

#1	1070.108	1610.545	44304.60	6131.876	2532.839
#2	1073.032	1621.064	44162.85	6139.669	2544.953
#3	1093.478	1616.651	44727.43	6130.215	2534.897

Sample Name: ICSAB Acquired: 7/7/2017 18:34:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0974276	.0935146	.0526077	.0173929	.5791513	244.2781
Stddev	.0056649	.0025845	.0012057	.0027537	.0029182	.5054
%RSD	5.814470	2.763763	2.291901	15.83226	.5038836	.2068816

#1	.1039680	.0916602	.0535151	.0172892	.5786417	244.6708
#2	.0942487	.0964668	.0530684	.0201969	.5822907	244.4555
#3	.0940660	.0924168	.0512395	.0146925	.5765213	243.7079

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4654504	.5505699	1.002475	248.3937	.5394268	.4694804
Stddev	.0020293	.0024020	.002870	1.2442	.0016318	.0007570
%RSD	.4359954	.4362761	.2863156	.5009087	.3025027	.1612442

#1	.4653802	.5517917	1.005479	247.5416	.5378715	.4700114
#2	.4675139	.5521155	.999761	249.8215	.5411256	.4686135
#3	.4634570	.5478027	1.002186	247.8180	.5392833	.4698161

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5186549	105.8799	.5334887	263.0789	.8999534	.1956760
Stddev	.0029434	.2827	.0019985	.7033	.0025757	.0007521
%RSD	.5675052	.2670227	.3746023	.2673414	.2861991	.3843648

#1	.5218140	105.8138	.5356497	263.1253	.9014860	.1965138
#2	.5181609	106.1898	.5331092	263.7579	.9013945	.1950591
#3	.5159897	105.6360	.5317072	262.3536	.8969798	.1954551

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3785456	.4608088	1.016784	-.196972	-.018291	F .3126916
Stddev	.0431592	.0030736	.024543	.007348	.003506	.0048812
%RSD	11.40132	.6669931	2.413835	3.730597	19.16660	1.561041

#1	.4250026	.4579870	1.027401	-.188925	-.020400	.3183055
#2	.3709385	.4640838	.988720	-.198666	-.014244	.3103197
#3	.3396957	.4603557	1.034232	-.203325	-.020228	.3094495

Sample Name: ICSAB Acquired: 7/7/2017 18:34:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5025891	.0047490	.4683460	F .5010986	.5158886	.0008014
Stddev	.0007740	.0022816	.0025345	.0063834	.0010743	.0002704
%RSD	.1539974	48.04470	.5411506	1.273880	.2082347	33.73777
#1	.5017468	.0042340	.4675148	.5083132	.5170110	.0005520
#2	.5027514	.0027688	.4711917	.4987986	.5157849	.0010887
#3	.5032690	.0072441	.4663316	.4961838	.5148700	.0007635

Elem	Sr4077
Units	ppm
Avg	.0968703
Stddev	.0001738
%RSD	.1794183
#1	.0970703
#2	.0967563
#3	.0967842

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1076.793	1616.758	44372.99	6114.528	2531.420
Stddev	6.013	2.971	199.80	35.528	3.142
%RSD	.5584487	.1837370	.4502710	.5810374	.1241262
#1	1075.628	1620.151	44161.93	6089.960	2528.002
#2	1083.303	1615.498	44559.20	6098.360	2534.184
#3	1071.447	1614.625	44397.86	6155.264	2532.072

Sample Name: CCV085 Acquired: 7/7/2017 18:45:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.746033	4.502257	23.20132	4.559950	4.770868	391.9788
Stddev	.028910	.039202	.14134	.029035	.028663	2.9587
%RSD	.6091358	.8707087	.6092052	.6367411	.6007837	.7548108

#1	4.743939	4.496644	23.16955	4.573891	4.754309	394.5622
#2	4.718228	4.466165	23.07857	4.526573	4.754329	392.6232
#3	4.775934	4.543963	23.35585	4.579385	4.803964	388.7510

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.733322	.5391491	2.428987	397.8346	14.61649	2.405524
Stddev	.077178	.0036340	.016936	3.9608	.00494	.016575
%RSD	.7929215	.6740255	.6972416	.9955782	.0338020	.6890562

#1	9.815899	.5386015	2.428485	400.7430	14.61926	2.399228
#2	9.721054	.5430259	2.412307	399.4371	14.61943	2.393019
#3	9.663014	.5358201	2.446168	393.3237	14.61078	2.424325

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85173	400.1661	14.54826	398.4595	2.369987	1.310984
Stddev	.07851	3.6492	.14081	3.4427	.013240	.005387
%RSD	.5286566	.9119269	.9678989	.8640023	.5586362	.4108898

#1	14.93019	402.6862	14.64000	400.9069	2.364245	1.312772
#2	14.85185	401.8306	14.61866	399.9488	2.360587	1.304931
#3	14.77316	395.9814	14.38614	394.5229	2.385128	1.315249

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.9727	2.419745	14.97128	148.7600	4.754009	F 4.072679
Stddev	3.1194	.017279	.18908	.7025	.042203	.025364
%RSD	.7998904	.7140861	1.262954	.4722053	.8877448	.6227726

#1	392.9640	2.432261	15.18361	149.4400	4.773647	4.083155
#2	390.2148	2.426943	14.82111	148.8029	4.705565	4.091126
#3	386.7394	2.400031	14.90911	148.0371	4.782815	4.043756

Sample Name: CCV085 Acquired: 7/7/2017 18:45:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.695122	4.640719	4.798469	4.738374	4.841700	4.938035
Stddev	.025826	.038459	.038386	.037253	.038777	.036173
%RSD	.5500628	.8287331	.7999712	.7862007	.8008962	.7325355

#1	4.691871	4.654645	4.790405	4.732152	4.876409	4.976027
#2	4.671075	4.597237	4.840248	4.704624	4.848843	4.934070
#3	4.722419	4.670275	4.764756	4.778347	4.799848	4.904008

Elem	Sr4077
Units	ppm
Avg	4.897027
Stddev	.031848
%RSD	.6503527

#1	4.914446
#2	4.916365
#3	4.860269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.8505	1479.839	41758.28	6024.209	2167.559
Stddev	11.1119	7.144	282.60	38.408	9.820
%RSD	1.132885	.4827252	.6767443	.6375533	.4530354

#1	969.0519	1484.998	41435.63	5996.062	2174.435
#2	991.1167	1482.833	41961.84	6008.603	2171.929
#3	982.3829	1471.685	41877.36	6067.964	2156.313

Sample Name: CCB085 Acquired: 7/7/2017 18:49:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001225	-.000139	-.000800	.0016669	.0007296	.0086858	.0003802
Stddev	.002160	.002262	.001681	.0018482	.0004645	.0062137	.0001760
%RSD	176.2853	1624.781	209.9725	110.8767	63.66620	71.53867	46.29330

#1	.001202	.002292	-.002157	-.000018	.0001941	.0153050	.0001838
#2	-.002934	-.002182	-.001324	.001375	.0009716	.0029782	.0005237
#3	-.001944	-.000527	.001080	.003644	.0010231	.0077744	.0004331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000433	.0001216	-.012060	-.000374	.0000967	.0003844	.0251226
Stddev	.000067	.0000435	.007282	.000069	.0002310	.0005002	.0017139
%RSD	15.52192	35.79302	60.38242	18.53858	238.9019	130.1209	6.822093

#1	-.000371	.0001547	-.010361	-.000298	.0003039	.0003939	.0247337
#2	-.000504	.0000723	-.005777	-.000434	-.000152	-.000120	.0236365
#3	-.000423	.0001378	-.020041	-.000390	.000138	.000880	.0269975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009515	.0193473	.0005220	.0000678	-.014210	-.002029	.0008830
Stddev	.0001567	.0032625	.0002984	.0001602	.044909	.003665	.0043611
%RSD	16.47030	16.86272	57.15324	236.2183	316.0430	180.5989	493.8743

#1	.0007706	.0207044	.0007744	.0002482	-.010281	-.003548	.0056208
#2	.0010381	.0217122	.0005988	.0000134	.028606	.002151	-.002964
#3	.0010458	.0156253	.0001928	-.000058	-.060955	-.004691	-.000008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052444	.0014862	.0085484	.0009556	-.005377	-.005221	.0006386
Stddev	.023087	.0007611	.0009172	.0002892	.001049	.000337	.0009056
%RSD	44.02174	51.20916	10.72954	30.26112	19.50229	6.461949	141.8013

#1	-.028188	.0006340	.0094921	.0011947	-.005665	-.005460	-.000193
#2	-.074149	.0020982	.0076602	.0010379	-.004214	-.004835	.001604
#3	-.054994	.0017262	.0084929	.0006342	-.006252	-.005367	.000505

Sample Name: CCB085 Acquired: 7/7/2017 18:49:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB085 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015347	.0014030	.0000330
Stddev	.0015882	.0003373	.0000269
%RSD	103.4864	24.04106	81.69167

#1	.0032012	.0017007	.0000640
#2	.0013643	.0010367	.0000161
#3	.0000386	.0014716	.0000187

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1185.900	1744.237	49432.37	6522.227	3309.016
Stddev	11.238	73.354	400.73	72.021	133.599
%RSD	.9476724	4.205510	.8106612	1.104235	4.037424

#1	1178.865	1752.663	49289.83	6480.995	3327.828
#2	1179.974	1667.034	49122.41	6605.388	3167.007
#3	1198.861	1813.015	49884.89	6480.297	3432.211

Sample Name: PB100438BL Acquired: 7/7/2017 18:54:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008349	.0005595	-.001342	-.002371	-.000169	.0061924	-.000216
Stddev	.0041951	.0020455	.001488	.003456	.001086	.0010598	.000152
%RSD	502.4512	365.5786	110.9147	145.7863	643.4932	17.11401	70.09785

#1	-.001648	.0007141	-.002658	-.006350	-.000437	.0067000	-.000112
#2	.005679	.0025233	-.001641	-.000640	.001026	.0069029	-.000146
#3	-.001526	-.001559	.000273	-.000122	-.001095	.0049743	-.000390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000497	.0000661	-.004855	-.001073	-.000002	-.000509	-.002279
Stddev	.000071	.0000421	.004717	.000470	.000307	.000641	.002230
%RSD	14.29126	63.71667	97.16531	43.83521	17496.69	126.0575	97.85285

#1	-.000508	.0000926	-.001752	-.001209	.000133	.000087	-.002248
#2	-.000422	.0000175	-.002529	-.001461	.000215	-.001188	-.000065
#3	-.000563	.0000881	-.010283	-.000550	-.000354	-.000426	-.004525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004643	-.004885	.0002401	-.000338	.0654179	-.000663	-.002191
Stddev	.0004334	.017191	.0004338	.000197	.0880744	.000331	.010755
%RSD	93.36252	351.9476	180.7199	58.31848	134.6336	49.93691	490.8834

#1	.0009204	-.023968	.0000783	-.000461	-.010278	-.000797	-.010973
#2	.0000577	-.000076	-.000090	-.000442	.0444446	-.000286	-.005405
#3	.0004147	.009390	.000732	-.000111	.162085	-.000906	.009805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004579	-.001518	.0040907	.0001457	-.004386	-.000848	.0008724
Stddev	.015091	.000707	.0006002	.0003898	.003513	.000477	.0004788
%RSD	329.5883	46.56394	14.67203	267.5904	80.09248	56.25180	54.88139

#1	-.007521	-.001455	.0040771	.0000182	-.001021	-.000305	.0008632
#2	-.017982	-.002254	.0034974	.0005832	-.004107	-.001040	.0003983
#3	.011767	-.000845	.0046975	-.000164	-.008030	-.001200	.0013558

Sample Name: PB100438BL Acquired: 7/7/2017 18:54:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003475	.0002974	-.000002
Stddev	.0006213	.0005216	.000032
%RSD	178.7776	175.3505	1861.741

#1	.0004335	.0008382	.000031
#2	.0009214	.0002567	-.000033
#3	-.000312	-.000203	-.000004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1185.800	1798.432	48925.74	6394.914	3393.504
Stddev	6.239	5.945	213.48	10.342	5.143
%RSD	.5261603	.3305557	.4363348	.1617165	.1515415

#1	1181.231	1796.957	48869.33	6384.326	3394.909
#2	1183.260	1804.976	48746.13	6395.428	3397.798
#3	1192.909	1793.364	49161.76	6404.990	3387.805

Sample Name: I3896-01 Acquired: 7/7/2017 19:02:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689329	-.025827	1.203492	-.025406	.0191899	21.94130	.4180418
Stddev	.0012730	.002099	.018855	.003763	.0012669	.53562	.0107453
%RSD	1.846787	8.127340	1.566723	14.81043	6.601808	2.441147	2.570394

#1	.0703431	-.026756	1.223531	-.024289	.0178474	22.55223	.4302617
#2	.0678686	-.023424	1.186100	-.029601	.0193579	21.55241	.4100695
#3	.0685870	-.027301	1.200846	-.022328	.0203644	21.71926	.4137942

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055141	.0281737	416.0678	.0680625	.0340966	.2859570	162.9289
Stddev	.0002298	.0003510	8.9284	.0004928	.0006215	.0079645	3.8013
%RSD	4.167638	1.246035	2.145911	.7240580	1.822640	2.785203	2.333091

#1	.0057706	.0285018	425.5590	.0679845	.0344366	.2951302	167.1745
#2	.0053270	.0278035	407.8358	.0676133	.0333793	.2808026	159.8412
#3	.0054447	.0282157	414.8086	.0685896	.0344738	.2819382	161.7711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.729465	31.61261	.0665485	.0064106	1.248628	.0600531	2.714967
Stddev	.063707	.87630	.0018590	.0002776	.046171	.0010477	.059516
%RSD	2.334044	2.771991	2.793467	4.329603	3.697729	1.744664	2.192148

#1	2.800421	32.62309	.0683929	.0067237	1.297577	.0605654	2.719526
#2	2.677181	31.06164	.0646753	.0061947	1.242449	.0588478	2.653302
#3	2.710791	31.15310	.0665772	.0063135	1.205858	.0607461	2.772072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.788389	2.292378	-.329511	.0057284	89.41561	3.562660	.1881447
Stddev	.076171	.041629	.008116	.0002096	1.40195	.084677	.0024924
%RSD	4.259208	1.815977	2.463165	3.658037	1.567899	2.376800	1.324752

#1	1.874316	2.340254	-.338711	.0058784	90.95632	3.660368	.1904380
#2	1.729162	2.264712	-.323361	.0054890	88.21500	3.516983	.1854921
#3	1.761689	2.272169	-.326462	.0058180	89.07552	3.510628	.1885040

Sample Name: I3896-01 Acquired: 7/7/2017 19:02:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5508475	.0321497	.3477056
Stddev	.0116478	.0010924	.0087286
%RSD	2.114520	3.397735	2.510332

#1	.5642427	.0333926	.3577545
#2	.5431020	.0317148	.3420087
#3	.5451980	.0313419	.3433535

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1026.512	1524.504	44292.04	6126.515	2511.007
Stddev	8.357	23.303	400.24	139.018	40.233
%RSD	.8140703	1.528583	.9036424	2.269119	1.602267

#1	1018.618	1500.360	43944.81	5966.785	2468.271
#2	1035.265	1546.864	44729.79	6220.191	2548.151
#3	1025.654	1526.289	44201.51	6192.568	2516.600

Sample Name: I3896-02 Acquired: 7/7/2017 19:06:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453650	-.043713	1.181962	-.069820	.0177812	45.97798	.6123871
Stddev	.0060006	.000968	.004057	.005118	.0027631	.29401	.0050365
%RSD	13.22745	2.214787	.3432291	7.330092	15.53937	.6394635	.8224365

#1	.0392460	-.044824	1.179872	-.074519	.0148910	45.87906	.6117794
#2	.0456092	-.043259	1.179377	-.064367	.0180560	45.74618	.6076820
#3	.0512398	-.043055	1.186638	-.070575	.0203967	46.30869	.6176998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101407	.0240383	124.7989	.3302399	.0312498	.5826159	296.8546
Stddev	.0001109	.0002513	.7438	.0014136	.0000612	.0043409	2.0018
%RSD	1.093986	1.045396	.5960034	.4280613	.1957460	.7450664	.6743307

#1	.0101202	.0242674	124.7179	.3286441	.0313077	.5843110	296.5629
#2	.0100415	.0240779	124.0990	.3313353	.0312559	.5776832	295.0146
#3	.0102605	.0237695	125.5800	.3307403	.0311858	.5858534	298.9862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23361	32.48389	.1172134	-.005269	3.300705	.0675293	3.831366
Stddev	.06281	.31058	.0010182	.000277	.052029	.0004067	.049475
%RSD	.6137811	.9561148	.8686814	5.254043	1.576307	.6021952	1.291302

#1	10.23343	32.43709	.1164348	-.005275	3.250415	.0676625	3.879457
#2	10.17090	32.19936	.1168398	-.004989	3.297385	.0678527	3.834024
#3	10.29652	32.81521	.1183656	-.005543	3.354315	.0670727	3.780616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.725011	3.252779	-.647017	.0621010	62.66380	2.702249	.5456544
Stddev	.015034	.023335	.006005	.0005452	.31538	.021563	.0041953
%RSD	.5516937	.7174019	.9281159	.8779085	.5032899	.7979508	.7688486

#1	2.733551	3.252975	-.643902	.0626727	62.69208	2.691607	.5473500
#2	2.707652	3.229346	-.643209	.0615869	62.33524	2.688077	.5408767
#3	2.733829	3.276016	-.653939	.0620436	62.96409	2.727064	.5487365

Sample Name: I3896-02 Acquired: 7/7/2017 19:06:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.341444	.0299510	.2792340
Stddev	.006602	.0001237	.0013220
%RSD	.4921350	.4129068	.4734537

#1	1.339700	.0300591	.2793543
#2	1.335890	.0299778	.2778559
#3	1.348743	.0298162	.2804917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1074.000	1630.137	46911.36	6451.877	2687.494
Stddev	14.246	9.478	228.70	29.898	10.366
%RSD	1.326420	.5814366	.4875196	.4634026	.3857065

#1	1059.587	1619.353	46706.99	6453.404	2675.530
#2	1074.340	1637.147	46868.69	6480.982	2693.791
#3	1088.072	1633.912	47158.39	6421.244	2693.161

Sample Name: I3896-03 Acquired: 7/7/2017 19:46:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511995	-.038639	.6823870	-.089776	.0017638	42.77684	.5752412
Stddev	.0012149	.003524	.0041614	.005039	.0025630	.23404	.0010204
%RSD	2.372787	9.120938	.6098370	5.612675	145.3161	.5471230	.1773839

#1	.0508040	-.038978	.6831936	-.084519	-.000982	43.03990	.5763669
#2	.0525628	-.041981	.6860861	-.094563	.002180	42.69893	.5743771
#3	.0502316	-.034957	.6778813	-.090246	.004093	42.59169	.5749796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055754	.0255068	121.1352	.3283146	.0289191	.6295398	208.7071
Stddev	.0002566	.0000825	.5409	.0015982	.0001331	.0016586	1.0944
%RSD	4.603224	.3234938	.4465151	.4868020	.4603543	.2634596	.5243944

#1	.0055172	.0255949	121.7246	.3266171	.0288515	.6313112	209.9691
#2	.0053529	.0254942	121.0194	.3297905	.0288333	.6280236	208.1343
#3	.0058562	.0254314	120.6615	.3285363	.0290724	.6292845	208.0179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.176666	25.67265	.0775028	-.007807	3.422651	.0612781	4.504463
Stddev	.040151	.11004	.0014613	.000475	.015615	.0007117	.094018
%RSD	.5594690	.4286269	1.885512	6.086101	.4562245	1.161361	2.087211

#1	7.222173	25.78251	.0787179	-.007900	3.420358	.0619364	4.513117
#2	7.161587	25.56243	.0758813	-.008229	3.439286	.0605230	4.593854
#3	7.146237	25.67301	.0779093	-.007292	3.408310	.0613748	4.406417

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.821123	3.039385	-.654166	.0402157	72.69849	4.123939	.0343735
Stddev	.048914	.015416	.001737	.0005531	.30964	.015051	.0021125
%RSD	1.733845	.5071990	.2655866	1.375411	.4259208	.3649549	6.145587

#1	2.869898	3.056101	-.652217	.0406988	73.03698	4.140912	.0334767
#2	2.772071	3.025728	-.655551	.0396123	72.42952	4.112218	.0367864
#3	2.821399	3.036327	-.654730	.0403360	72.62896	4.118687	.0328574

Sample Name: I3896-03 Acquired: 7/7/2017 19:46:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.068067	.0267703	.2928183
Stddev	.004457	.0005463	.0016803
%RSD	.4172974	2.040613	.5738300

#1	1.073183	.0270911	.2947570
#2	1.065995	.0261396	.2917819
#3	1.065023	.0270804	.2919160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.054	1581.500	45549.95	6194.770	2644.626
Stddev	8.428	3.545	319.95	36.277	4.745
%RSD	.8033687	.2241555	.7024073	.5856133	.1794246

#1	1043.605	1578.205	45350.89	6153.408	2639.188
#2	1044.796	1585.251	45379.95	6209.710	2647.926
#3	1058.761	1581.045	45919.01	6221.191	2646.764

Sample Name: I3896-04 Acquired: 7/7/2017 19:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0699671	-.028533	.8737299	-.056592	.0062346	51.16108	.6327891
Stddev	.0079543	.002062	.0057293	.005122	.0012475	.07693	.0002199
%RSD	11.36859	7.225845	.6557245	9.050463	20.00898	.1503711	.0347457

#1	.0624797	-.028721	.8731830	-.057831	.0074033	51.07233	.6328191
#2	.0691037	-.026384	.8682938	-.050964	.0049210	51.20875	.6329924
#3	.0783178	-.030495	.8797131	-.060980	.0063793	51.20217	.6325557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091575	.0182149	395.3046	.1845414	.0471524	.3461395	144.6180
Stddev	.0000436	.0002158	3.0042	.0014969	.0000482	.0033162	.8916
%RSD	.4764886	1.184775	.7599682	.8111373	.1022605	.9580454	.6165451

#1	.0091927	.0181751	393.9741	.1850733	.0471054	.3426633	144.3722
#2	.0091086	.0180217	393.1955	.1856997	.0472018	.3492683	143.8751
#3	.0091711	.0184477	398.7443	.1828512	.0471500	.3464868	145.6068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.942069	130.6083	.1561942	-.008668	3.142118	.1597329	2.312626
Stddev	.055955	.4755	.0015885	.000059	.022965	.0023413	.013800
%RSD	.7045407	.3640929	1.017018	.6809360	.7308706	1.465753	.5967185

#1	7.922136	130.3400	.1558352	-.008727	3.142184	.1610932	2.314803
#2	7.898811	130.3275	.1548159	-.008668	3.165049	.1610761	2.325208
#3	8.005262	131.1573	.1579315	-.008609	3.119120	.1570294	2.297867

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.076626	5.792063	-.424257	.0123018	9.989757	12.82510	.0599644
Stddev	.033048	.023272	.001020	.0005394	.036863	.04355	.0008989
%RSD	.6509799	.4017900	.2404395	4.384803	.3690079	.3395883	1.499130

#1	5.071421	5.768877	-.423375	.0118115	9.988436	12.77533	.0603730
#2	5.111968	5.791892	-.424023	.0128796	9.953572	12.84378	.0589338
#3	5.046490	5.815420	-.425374	.0122143	10.02726	12.85621	.0605865

Sample Name: I3896-04 Acquired: 7/7/2017 19:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.249821	.0615776	.6283618
Stddev	.004363	.0015950	.0011705
%RSD	.3491141	2.590192	.1862720

#1	1.245527	.0607759	.6278072
#2	1.249684	.0634143	.6275717
#3	1.254251	.0605424	.6297065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1020.812	1539.469	44153.50	6105.047	2344.951
Stddev	5.724	2.880	303.10	9.782	8.238
%RSD	.5607672	.1870836	.6864595	.1602207	.3513105

#1	1014.576	1537.755	43804.45	6107.808	2345.936
#2	1025.829	1542.794	44350.17	6113.151	2352.653
#3	1022.030	1537.858	44305.87	6094.182	2336.265

Sample Name: I3896-05 Acquired: 7/7/2017 19:54:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717895	-.030682	.8986707	-.055658	.0055593	52.44869	.6473458
Stddev	.0024011	.001687	.0017453	.007816	.0020668	.38301	.0066630
%RSD	3.344665	5.497217	.1942054	14.04321	37.17817	.7302563	1.029281

#1	.0727621	-.028777	.9002421	-.055580	.0032365	52.79259	.6534600
#2	.0735516	-.031283	.8967923	-.063513	.0062461	52.51756	.6483331
#3	.0690546	-.031986	.8989776	-.047881	.0071952	52.03591	.6402442

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094600	.0190060	404.1479	.1919032	.0481888	.3544193	147.7513
Stddev	.0001240	.0002926	1.7098	.0026788	.0006863	.0020022	.3388
%RSD	1.310239	1.539301	.4230631	1.395935	1.424125	.5649266	.2292974

#1	.0094137	.0192958	405.7462	.1893596	.0474986	.3542416	148.0561
#2	.0093658	.0187108	402.3450	.1946993	.0481970	.3565044	147.3865
#3	.0096004	.0190114	404.3526	.1916506	.0488710	.3525118	147.8115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.089698	133.7274	.1603426	-.008974	3.188676	.1672171	2.410137
Stddev	.041376	.5527	.0000997	.000281	.018583	.0026121	.031896
%RSD	.5114641	.4133338	.0622001	3.126322	.5827930	1.562122	1.323405

#1	8.137222	134.3188	.1603642	-.008717	3.184956	.1659544	2.389766
#2	8.061686	133.6396	.1604298	-.008931	3.208838	.1654763	2.446896
#3	8.070186	133.2239	.1602339	-.009273	3.172234	.1702207	2.393750

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.232600	5.985509	-.434318	.0131232	10.32489	13.97434	.0606095
Stddev	.045551	.024688	.002873	.0004375	.04590	.06995	.0024365
%RSD	.8705206	.4124583	.6615934	3.334131	.4445843	.5005339	4.019906

#1	5.243269	6.009410	-.437624	.0136284	10.37784	14.04786	.0616750
#2	5.271869	5.960103	-.432906	.0128633	10.29638	13.96653	.0578219
#3	5.182662	5.987014	-.432423	.0128780	10.30046	13.90862	.0623318

Sample Name: I3896-05 Acquired: 7/7/2017 19:54:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7FD0D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.295993	.0628054	.6471254
Stddev	.006969	.0009813	.0037756
%RSD	.5377130	1.562462	.5834385

#1	1.303279	.0637153	.6496770
#2	1.295309	.0629355	.6489111
#3	1.289392	.0617656	.6427883

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1038.202	1561.338	44677.14	6205.997	2363.257
Stddev	12.334	4.465	488.66	27.139	4.787
%RSD	1.188014	.2859606	1.093760	.4373086	.2025776

#1	1045.495	1562.962	44800.35	6176.308	2367.395
#2	1023.961	1564.765	44138.66	6212.154	2364.362
#3	1045.150	1556.289	45092.40	6229.529	2358.013

Sample Name: I3896-06 Acquired: 7/7/2017 19:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1505877	.0994237	.9254392	.0506429	.2140350	55.69381	4.578683
Stddev	.0033514	.0033518	.0029652	.0117791	.0013692	.19968	.015854
%RSD	2.225560	3.371250	.3204099	23.25914	.6396992	.3585384	.3462463

#1	.1499771	.0989667	.9221596	.0408290	.2155283	55.55539	4.574041
#2	.1542024	.0963239	.9262274	.0637054	.2128387	55.92272	4.596340
#3	.1475835	.1029806	.9279307	.0473943	.2137378	55.60331	4.565669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1084544	.1214415	399.3133	.5835209	1.024199	.8799922	147.1029
Stddev	.0002496	.0007420	1.4814	.0016047	.001211	.0037267	.4999
%RSD	.2301429	.6109659	.3709780	.2750055	.1182297	.4234947	.3398315

#1	.1081899	.1212103	398.3374	.5818749	1.023956	.8841446	146.6867
#2	.1084875	.1208427	401.0179	.5836068	1.023127	.8769380	147.6574
#3	.1086858	.1222716	398.5846	.5850809	1.025512	.8788940	146.9646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.019349	131.3312	1.116711	.0402500	3.120740	1.135398	3.355622
Stddev	.028225	.5808	.001860	.0004025	.053437	.006067	.020614
%RSD	.3129407	.4422574	.1665644	.9998896	1.712332	.5343389	.6143019

#1	9.007061	130.9128	1.117064	.0400895	3.152597	1.132058	3.345353
#2	9.051635	131.9944	1.114700	.0399525	3.150576	1.131735	3.379353
#3	8.999351	131.0865	1.118370	.0407079	3.059047	1.142401	3.342160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.123512	5.801989	-.431690	.0122855	9.993991	13.61473	.0584476
Stddev	.040188	.016265	.001395	.0006213	.026901	.03066	.0000822
%RSD	.7843899	.2803410	.3231260	5.057357	.2691767	.2251608	.1406928

#1	5.106339	5.819149	-.431965	.0118263	9.992734	13.58804	.0583939
#2	5.169434	5.786797	-.430178	.0120376	9.967740	13.60793	.0584066
#3	5.094763	5.800021	-.432927	.0129924	10.02150	13.64821	.0585423

Sample Name: I3896-06 Acquired: 7/7/2017 19:58:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.274375	.0611510	.6332945
Stddev	.006381	.0003561	.0010913
%RSD	.5007511	.5822849	.1723162

#1	1.270850	.0607941	.6328225
#2	1.281741	.0611527	.6345423
#3	1.270534	.0615063	.6325186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1047.115	1565.479	44833.17	6178.916	2370.534
Stddev	7.702	5.066	194.57	7.795	8.488
%RSD	.7355103	.3236149	.4339900	.1261620	.3580576

#1	1038.641	1559.695	44613.06	6175.152	2362.199
#2	1049.013	1569.131	44904.26	6173.717	2379.167
#3	1053.690	1567.611	44982.21	6187.879	2370.236

Sample Name: I3896-04LX5 Acquired: 7/7/2017 20:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143029	-.006832	.1720053	-.011411	.0024353	9.850549	.1243941
Stddev	.0032241	.001321	.0030576	.002116	.0011086	.067706	.0012282
%RSD	22.54160	19.33802	1.777616	18.54700	45.52179	.6873333	.9873711

#1	.0121735	-.006259	.1690987	-.013407	.0030314	9.927172	.1257694
#2	.0180122	-.005894	.1751943	-.011634	.0011562	9.798788	.1234065
#3	.0127229	-.008343	.1717228	-.009192	.0031183	9.825688	.1240064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016798	.0029955	78.84765	.0408725	.0082774	.0657878	29.89624
Stddev	.0000384	.0001845	.68422	.0007911	.0002124	.0007329	.22700
%RSD	2.287775	6.159293	.8677783	1.935618	2.566251	1.114094	.7592830

#1	.0016358	.0031876	79.11083	.0404532	.0080321	.0650543	30.08564
#2	.0017067	.0029791	78.07091	.0417850	.0083981	.0657891	29.64462
#3	.0016970	.0028197	79.36119	.0403792	.0084020	.0665202	29.95846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653033	25.74265	.0311038	-.002161	.5324724	.0319382	.4706711
Stddev	.011756	.32065	.0001551	.000253	.0588596	.0033439	.0067557
%RSD	.7111732	1.245597	.4987317	11.70766	11.05402	10.46980	1.435323

#1	1.661533	26.07847	.0311008	-.002437	.4662482	.0342320	.4632862
#2	1.639617	25.43971	.0312604	-.002107	.5788218	.0281014	.4765398
#3	1.657950	25.70977	.0309502	-.001939	.5523471	.0334811	.4721874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5593491	.9755219	-.090532	.0022706	1.748610	2.823335	.0094900
Stddev	.0077759	.0033614	.000502	.0002394	.021124	.022271	.0004048
%RSD	1.390172	.3445787	.5549275	10.54250	1.208042	.7888178	4.265938

#1	.5625719	.9716664	-.090833	.0024357	1.750012	2.837518	.0099378
#2	.5504799	.9778375	-.089952	.0019961	1.768998	2.797666	.0091501
#3	.5649954	.9770618	-.090812	.0023800	1.726821	2.834821	.0093820

Sample Name: I3896-04LX5 Acquired: 7/7/2017 20:02:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2553456	.0086301	.1250350
Stddev	.0026791	.0002767	.0009627
%RSD	1.049193	3.206536	.7699074

#1	.2573723	.0089452	.1260552
#2	.2523082	.0084263	.1241427
#3	.2563564	.0085190	.1249070

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.868	1681.517	46889.24	6321.513	2951.458
Stddev	2.282	7.371	212.30	39.002	6.001
%RSD	.2032128	.4383359	.4527776	.6169655	.2033112

#1	1125.500	1676.490	46979.52	6301.612	2945.135
#2	1121.658	1689.978	47041.49	6366.451	2957.074
#3	1121.446	1678.083	46646.72	6296.477	2952.164

Sample Name: I3896-07 Acquired: 7/7/2017 20:06:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0900019	-.022265	.3575847	-.048981	.0074240	33.11725	.3180073
Stddev	.0013959	.000789	.0050207	.003575	.0007053	.18232	.0017421
%RSD	1.550996	3.542402	1.404067	7.298584	9.500289	.5505243	.5478074

#1	.0909932	-.022907	.3607133	-.044856	.0082315	32.98007	.3160586
#2	.0884055	-.021385	.3517935	-.050921	.0069284	33.04754	.3185495
#3	.0906070	-.022504	.3602472	-.051167	.0071122	33.32414	.3194137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040246	.0131992	227.1668	.0809674	.0383470	.2497846	124.1292
Stddev	.0001606	.0000773	1.2782	.0006024	.0005288	.0034174	.6182
%RSD	3.991211	.5856387	.5626511	.7439766	1.379093	1.368155	.4980009

#1	.0039009	.0132882	226.3999	.0816604	.0387189	.2463001	123.8112
#2	.0042061	.0131486	226.4582	.0806726	.0377416	.2499228	123.7347
#3	.0039667	.0131608	228.6423	.0805692	.0385804	.2531308	124.8416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.934339	65.36067	.1042063	-.007008	1.291465	.1333439	.6897240
Stddev	.020419	.39696	.0003736	.000188	.060050	.0050821	.0115616
%RSD	.6958623	.6073367	.3584817	2.677228	4.649784	3.811257	1.676258

#1	2.915879	65.15462	.1038675	-.006796	1.352242	.1349774	.6979974
#2	2.930866	65.10910	.1041445	-.007153	1.232169	.1374085	.6946610
#3	2.956272	65.81829	.1046069	-.007074	1.289985	.1276460	.6765136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.741615	2.655962	-.383003	.0071429	2.412663	3.551991	.0251519
Stddev	.057470	.006761	.002023	.0002000	.017085	.019453	.0006606
%RSD	2.096204	.2545533	.5281756	2.799233	.7081574	.5476551	2.626558

#1	2.711591	2.651900	-.382618	.0069556	2.407634	3.537500	.0254220
#2	2.705375	2.652221	-.381200	.0073534	2.398657	3.544373	.0256347
#3	2.807878	2.663767	-.385190	.0071196	2.431699	3.574100	.0243990

Sample Name: I3896-07 Acquired: 7/7/2017 20:06:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6135956	.0404574	.3283607
Stddev	.0030368	.0008060	.0015043
%RSD	.4949213	1.992209	.4581296

#1	.6121407	.0398756	.3270341
#2	.6115599	.0401191	.3280531
#3	.6170861	.0413774	.3299951

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1066.001	1613.284	45432.59	6241.533	2572.804
Stddev	3.757	3.677	224.14	23.581	5.784
%RSD	.3524338	.2279172	.4933417	.3778120	.2248256

#1	1062.500	1609.102	45189.63	6256.209	2567.056
#2	1065.533	1616.011	45476.83	6254.057	2578.624
#3	1069.970	1614.738	45631.31	6214.332	2572.733

Sample Name: I3896-08 Acquired: 7/7/2017 20:10:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295521	-.011775	.1135643	-.017081	.0016997	51.04697	.9732847
Stddev	.0046402	.000259	.0040287	.005441	.0016789	.05383	.0040527
%RSD	15.70184	2.200541	3.547488	31.85669	98.77936	.1054506	.4163945

#1	.0345350	-.011690	.1180165	-.010809	.0033198	51.01495	.9699512
#2	.0287662	-.012066	.1101704	-.019889	-.000032	51.01685	.9721071
#3	.0253550	-.011570	.1125061	-.020545	.001812	51.10912	.9777957

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039522	.0081260	74.36980	.0905119	.0231396	.0848222	65.19866
Stddev	.0000677	.0001201	.16385	.0008135	.0001191	.0013597	.15294
%RSD	1.712297	1.477407	.2203140	.8987317	.5146751	1.602948	.2345759

#1	.0039067	.0081636	74.18131	.0906750	.0230121	.0863078	65.02288
#2	.0040299	.0082227	74.47822	.0912315	.0232480	.0836395	65.27187
#3	.0039198	.0079916	74.44987	.0896292	.0231588	.0845195	65.30124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7421093	16.76203	.0800715	-.004116	.6926248	.1603647	.3193395
Stddev	.0010395	.05971	.0005225	.000084	.0740714	.0016306	.0070777
%RSD	.1400679	.3562234	.6525700	2.030990	10.69431	1.016805	2.216353

#1	.7411448	16.69342	.0796029	-.004045	.6151781	.1586839	.3246619
#2	.7419729	16.79042	.0799766	-.004095	.7627818	.1619400	.3113073
#3	.7432102	16.80224	.0806349	-.004208	.6999145	.1604703	.3220493

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.666966	3.148178	-.197800	.0101985	5.955994	5.165947	.0079152
Stddev	.014233	.028079	.001019	.0003907	.019905	.012124	.0019760
%RSD	.8538045	.8919195	.5154150	3.831210	.3342082	.2346821	24.96494

#1	1.657959	3.132254	-.197551	.0100595	5.936408	5.152064	.0088385
#2	1.659566	3.131680	-.198922	.0106398	5.955369	5.171331	.0056465
#3	1.683375	3.180599	-.196929	.0098963	5.976204	5.174446	.0092605

Sample Name: I3896-08 Acquired: 7/7/2017 20:10:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ME7FD2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6816700	.0710129	.1229930
Stddev	.0042832	.0004496	.0004186
%RSD	.6283344	.6330941	.3403736

#1	.6770722	.0706326	.1225097
#2	.6855471	.0708971	.1232247
#3	.6823907	.0715091	.1232445

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1154.072	1711.536	49032.80	6586.080	2808.940
Stddev	15.221	1.619	504.02	11.749	2.594
%RSD	1.318860	.0946144	1.027933	.1783965	.0923574

#1	1142.521	1710.875	48632.89	6587.101	2807.892
#2	1148.375	1713.382	48866.56	6573.854	2811.895
#3	1171.319	1710.352	49598.94	6597.286	2807.034

Sample Name: I3896-09 Acquired: 7/7/2017 20:14:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0779017	-.013100	.1609568	-.013710	.0037114	18.22832	.3845341
Stddev	.0054804	.000761	.0002827	.003276	.0016291	.06064	.0009951
%RSD	7.035080	5.805444	.1756253	23.89460	43.89449	.3326831	.2587844

#1	.0746625	-.013165	.1608718	-.011955	.0053315	18.18244	.3843973
#2	.0748132	-.012310	.1607264	-.017490	.0037292	18.29708	.3855906
#3	.0842293	-.013826	.1612723	-.011686	.0020735	18.20546	.3836146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024600	.0079951	97.77895	.0566885	.0146445	.1226894	64.16831
Stddev	.0000522	.0002259	.57085	.0006103	.0000869	.0013862	.27602
%RSD	2.122244	2.825698	.5838185	1.076531	.5937157	1.129808	.4301466

#1	.0024007	.0082558	97.19099	.0561303	.0146390	.1242850	63.87488
#2	.0024799	.0078560	97.81485	.0573400	.0145605	.1220001	64.20728
#3	.0024992	.0078736	98.33100	.0565952	.0147341	.1217830	64.42277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.094407	8.606834	.0528078	-.003535	.5764492	.0631519	.3642842
Stddev	.006141	.082157	.0005287	.000053	.0091079	.0011232	.0080274
%RSD	.5611667	.9545609	1.001124	1.487280	1.580002	1.778498	2.203596

#1	1.087987	8.536396	.0533308	-.003476	.5777486	.0629458	.3614117
#2	1.100226	8.697087	.0528190	-.003574	.5848376	.0621460	.3733526
#3	1.095007	8.587020	.0522736	-.003556	.5667613	.0643638	.3580882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7764313	3.626420	-.150582	.0113870	9.742263	4.217097	.0145696
Stddev	.0022296	.023798	.001315	.0005563	.022863	.014030	.0006108
%RSD	.2871636	.6562489	.8734487	4.885271	.2346749	.3326826	4.192559

#1	.7782044	3.652773	-.149083	.0108080	9.761771	4.216180	.0152745
#2	.7771612	3.606497	-.151540	.0114356	9.717105	4.203548	.0141959
#3	.7739282	3.619991	-.151124	.0119174	9.747912	4.231562	.0142384

Sample Name: I3896-09 Acquired: 7/7/2017 20:14:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4651708	.0143188	.1544958
Stddev	.0009095	.0000251	.0004436
%RSD	.1955106	.1750522	.2871476

#1	.4641699	.0143280	.1541442
#2	.4653962	.0143379	.1549942
#3	.4659464	.0142904	.1543491

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.377	1634.248	46443.15	6328.770	2864.435
Stddev	6.059	6.583	44.85	13.951	8.709
%RSD	.5618937	.4028336	.0965784	.2204377	.3040322

#1	1078.297	1633.456	46441.46	6343.096	2857.665
#2	1072.358	1641.191	46399.16	6315.228	2874.260
#3	1084.476	1628.096	46488.82	6327.986	2861.381

Sample Name: PB100438BS Acquired: 7/7/2017 20:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209169	.0607404	.0218523	.0752336	.1277442	.4116913
Stddev	.0014927	.0026446	.0008504	.0035358	.0007186	.0033387
%RSD	7.136319	4.353915	3.891395	4.699711	.5625532	.8109701

#1	.0201772	.0579909	.0208748	.0759316	.1284181	.4087573
#2	.0199385	.0609645	.0224214	.0783684	.1269880	.4153241
#3	.0226350	.0632658	.0222608	.0714009	.1278265	.4109926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3849148	.0115181	.0108852	10.70138	.0240233	.1025817
Stddev	.0013553	.0001761	.0000258	.00786	.0005118	.0005075
%RSD	.3521079	1.529136	.2374231	.0734621	2.130251	.4947234

#1	.3833504	.0113643	.0108621	10.70350	.0243029	.1024477
#2	.3857330	.0117102	.0109131	10.70797	.0243345	.1021546
#3	.3856611	.0114797	.0108804	10.69268	.0234327	.1031427

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520490	.2187638	.0364043	10.89165	.0834496	.0223272
Stddev	.0010697	.0084146	.0005076	.04644	.0008667	.0000669
%RSD	2.055186	3.846430	1.394438	.4264057	1.038628	.2994495

#1	.0510422	.2113923	.0367260	10.84238	.0824977	.0223631
#2	.0519328	.2169676	.0366679	10.89794	.0841931	.0222501
#3	.0531722	.2279315	.0358191	10.93462	.0836581	.0223685

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57248	.1013864	.1250222	9.798097	.0259161	F .0204112
Stddev	.06901	.0026487	.0070654	.054748	.0003315	.0007562
%RSD	.6527496	2.612525	5.651337	.5587628	1.279044	3.704577

#1	10.62473	.1030146	.1260899	9.742369	.0257817	.0206511
#2	10.49425	.0983301	.1174836	9.851810	.0262937	.0195643
#3	10.59845	.1028144	.1314929	9.800114	.0256730	.0210184

Sample Name: PB100438BS Acquired: 7/7/2017 20:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230693	.1852066	.2198003	F .0141183	.2160656	.1019944
Stddev	.0006457	.0104089	.0032411	.0009713	.0009717	.0010523
%RSD	2.799118	5.620160	1.474563	6.880112	.4497496	1.031695

#1	.0235535	.1970879	.2163819	.0150825	.2156344	.1011171
#2	.0223361	.1808380	.2228288	.0131400	.2171784	.1017049
#3	.0233183	.1776940	.2201902	.0141322	.2153842	.1031611

Elem	Sr4077
Units	ppm
Avg	.2114999
Stddev	.0002381
%RSD	.1125893

#1	.2112268
#2	.2116642
#3	.2116087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1176.877	1751.691	47896.88	6373.547	3195.610
Stddev	4.302	8.965	26.67	15.698	14.008
%RSD	.3655277	.5118069	.0556830	.2462984	.4383443

#1	1174.515	1760.482	47870.47	6390.720	3205.122
#2	1181.842	1752.030	47923.80	6369.986	3202.182
#3	1174.272	1742.561	47896.38	6359.936	3179.524

Sample Name: I3896-04A Acquired: 7/7/2017 20:22:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0673584	-.028963	.8502543	.0582851	.0067502	50.11018	.6183414
Stddev	.0031408	.003029	.0050701	.0034324	.0019323	.05266	.0017269
%RSD	4.662886	10.45912	.5963046	5.889047	28.62550	.1050836	.2792777

#1	.0705152	-.026088	.8447054	.0545202	.0050282	50.13233	.6187194
#2	.0642338	-.032126	.8514121	.0590948	.0063825	50.14814	.6198480
#3	.0673261	-.028674	.8546453	.0612403	.0088399	50.05006	.6164568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081597	.0165965	386.2279	.1764631	.0458129	.3519556	190.8053
Stddev	.0000414	.0002741	2.1034	.0010307	.0003129	.0009070	.7719
%RSD	.5069319	1.651792	.5446003	.5840799	.6829925	.2577092	.4045511

#1	.0081199	.0162892	387.4934	.1760137	.0454795	.3520454	191.3031
#2	.0082025	.0166845	383.7998	.1757334	.0461001	.3528144	189.9161
#3	.0081567	.0168158	387.3906	.1776422	.0458593	.3510070	191.1968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.727693	128.1971	.1539319	-.005419	2.985609	.1588609	2.284647
Stddev	.028012	.4601	.0019493	.000040	.063543	.0026148	.010597
%RSD	.3624853	.3588791	1.266358	.7342029	2.128306	1.645993	.4638402

#1	7.746815	128.6337	.1517472	-.005388	2.920841	.1612882	2.289964
#2	7.695540	127.7167	.1545554	-.005404	2.988135	.1560921	2.272444
#3	7.740725	128.2409	.1554933	-.005464	3.047851	.1592025	2.291533

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.973480	5.672315	-.397547	.0123691	9.823372	13.35576	.0593043
Stddev	.021792	.048398	.001660	.0002354	.054228	.06675	.0017484
%RSD	.4381701	.8532317	.4175259	1.903362	.5520339	.4997894	2.948180

#1	4.984416	5.628476	-.398672	.0121521	9.782769	13.43275	.0612555
#2	4.987640	5.664217	-.398328	.0126194	9.802390	13.32045	.0587774
#3	4.948386	5.724251	-.395641	.0123358	9.884956	13.31408	.0578799

Sample Name: I3896-04A Acquired: 7/7/2017 20:22:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FD0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.240422	.0597115	.6177081
Stddev	.004086	.0003094	.0008169
%RSD	.3294092	.5181491	.1322408

#1	1.239729	.0597234	.6184165
#2	1.236726	.0600148	.6178932
#3	1.244810	.0593964	.6168146

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1056.003	1592.188	45312.23	6253.786	2413.805
Stddev	4.729	11.071	44.89	31.371	6.797
%RSD	.4478003	.6953253	.0990775	.5016371	.2815707

#1	1050.999	1579.459	45316.84	6217.913	2406.087
#2	1056.612	1597.524	45265.21	6276.084	2418.894
#3	1060.398	1599.580	45354.64	6267.361	2416.436

Sample Name: CCV086 Acquired: 7/7/2017 20:26:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.996170	4.777577	24.70511	4.887558	5.006298	410.4717
Stddev	.024208	.031813	.09685	.037728	.034455	2.4847
%RSD	.4845243	.6658772	.3920353	.7719285	.6882272	.6053185

#1	4.989409	4.741276	24.64496	4.854929	4.994572	412.5098
#2	4.976062	4.800595	24.65354	4.878874	4.979237	411.2014
#3	5.023039	4.790861	24.81684	4.928871	5.045085	407.7039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.16674	.4798869	2.611146	422.7018	15.54282	2.561771
Stddev	.06910	.0024727	.005152	1.0296	.19245	.010857
%RSD	.6796809	.5152589	.1972955	.2435813	1.238190	.4238036

#1	10.23342	.4770855	2.607642	423.8906	15.40282	2.556164
#2	10.17135	.4808098	2.608735	422.0949	15.46337	2.554863
#3	10.09545	.4817654	2.617061	422.1198	15.76228	2.574285

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40020	423.5153	15.32669	422.0023	2.533183	1.362728
Stddev	.11626	.8815	.02821	.8611	.009729	.006101
%RSD	.7549051	.2081420	.1840438	.2040467	.3840727	.4476822

#1	15.48434	424.3105	15.35915	422.7280	2.525034	1.358561
#2	15.44871	423.6680	15.30817	422.2281	2.530562	1.359893
#3	15.26754	422.5674	15.31275	421.0508	2.543955	1.369730

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	407.6473	2.542756	15.11502	155.0603	5.236214	F 4.405413
Stddev	2.5074	.007974	.08419	1.1788	.026840	.009367
%RSD	.6150893	.3136076	.5570110	.7602352	.5125869	.2126309

#1	409.9413	2.551667	15.19639	155.8793	5.206234	4.396640
#2	408.0301	2.540311	15.12039	155.5924	5.244401	4.415279
#3	404.9705	2.536291	15.02827	153.7093	5.258008	4.404321

Sample Name: CCV086 Acquired: 7/7/2017 20:26:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.948595	5.212282	5.162176	5.104650	5.047077	5.110748
Stddev	.029220	.043126	.017064	.010863	.019075	.046284
%RSD	.5904678	.8273942	.3305612	.2128052	.3779435	.9056243

#1	4.937354	5.162486	5.161106	5.092500	5.057802	5.154015
#2	4.926665	5.237486	5.179750	5.113424	5.058376	5.116283
#3	4.981766	5.236875	5.145672	5.108027	5.025054	5.061945

Elem	Sr4077
Units	ppm
Avg	5.114631
Stddev	.025582
%RSD	.5001694

#1	5.101167
#2	5.144133
#3	5.098592

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	967.5286	1438.459	40475.93	5757.583	2090.432
Stddev	6.0737	11.743	130.79	20.039	11.616
%RSD	.6277530	.8163706	.3231287	.3480516	.5556717

#1	966.4542	1441.850	40566.56	5749.508	2095.945
#2	962.0638	1448.132	40535.22	5742.841	2098.266
#3	974.0678	1425.393	40325.99	5780.400	2077.086

Sample Name: CCB086 Acquired: 7/7/2017 20:30:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001855	.0008345	-.000847	-.002139	.0011059	.0098127	.0002295
Stddev	.0031483	.0006079	.000802	.001914	.0006637	.0045482	.0000776
%RSD	1697.315	72.83981	94.64700	89.45519	60.00873	46.34990	33.81129

#1	.0027791	.0011470	-.000742	.000070	.0004609	.0064290	.0002680
#2	-.003317	.0001340	-.000103	-.003239	.0017867	.0080262	.0001402
#3	.001095	.0012226	-.001697	-.003249	.0010701	.0149829	.0002803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000146	.0001668	.0150054	-.000081	.0002344	.0015769	.0079732
Stddev	.000029	.0000817	.0068942	.000407	.0001171	.0007474	.0026153
%RSD	20.00802	48.99178	45.94493	500.2352	49.96657	47.39773	32.80172

#1	-.000122	.0001534	.0070567	-.000284	.0003054	.0022151	.0071597
#2	-.000178	.0002544	.0193595	-.000348	.0000992	.0017608	.0108986
#3	-.000137	.0000926	.0186001	.000388	.0002985	.0007547	.0058613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006854	.0088679	.0004535	-.000269	-.048634	-.001223	.0030867
Stddev	.0003195	.0037715	.0001603	.000319	.028452	.002397	.0053331
%RSD	46.61644	42.52990	35.34660	118.6235	58.50072	195.9040	172.7766

#1	.0003553	.0101792	.0003429	-.000623	-.019583	.001534	.0065728
#2	.0009931	.0046158	.0003803	-.000179	-.076446	-.002394	-.003053
#3	.0007078	.0118088	.0006374	-.000005	-.049875	-.002810	.005740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020198	.0007428	.0019051	.0011264	.0034562	.0014061	.0015838
Stddev	.028472	.0010257	.0001929	.0001081	.0039635	.0004128	.0006927
%RSD	140.9653	138.0913	10.12567	9.597386	114.6780	29.35815	43.73732

#1	-.043086	.0010850	.0019981	.0012414	-.000018	.0017613	.0021546
#2	.011685	.0015537	.0020340	.0011109	.007773	.0009532	.0017836
#3	-.029192	-.000410	.0016834	.0010268	.002613	.0015038	.0008131

Sample Name: CCB086 Acquired: 7/7/2017 20:30:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v55) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001880	-.000357	.0001190
Stddev	.0002310	.000501	.0000199
%RSD	122.8887	140.3895	16.74835

#1	.0000897	.000093	.0001377
#2	.0000223	-.000266	.0001214
#3	.0004518	-.000896	.0000980

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1201.774	1811.326	48875.62	6260.374	3405.622
Stddev	6.062	5.543	129.24	10.918	12.533
%RSD	.5043864	.3060068	.2644196	.1743960	.3680051

#1	1207.151	1811.492	48844.89	6249.702	3406.476
#2	1195.205	1816.784	48764.51	6259.896	3417.707
#3	1202.966	1805.703	49017.45	6271.523	3392.684