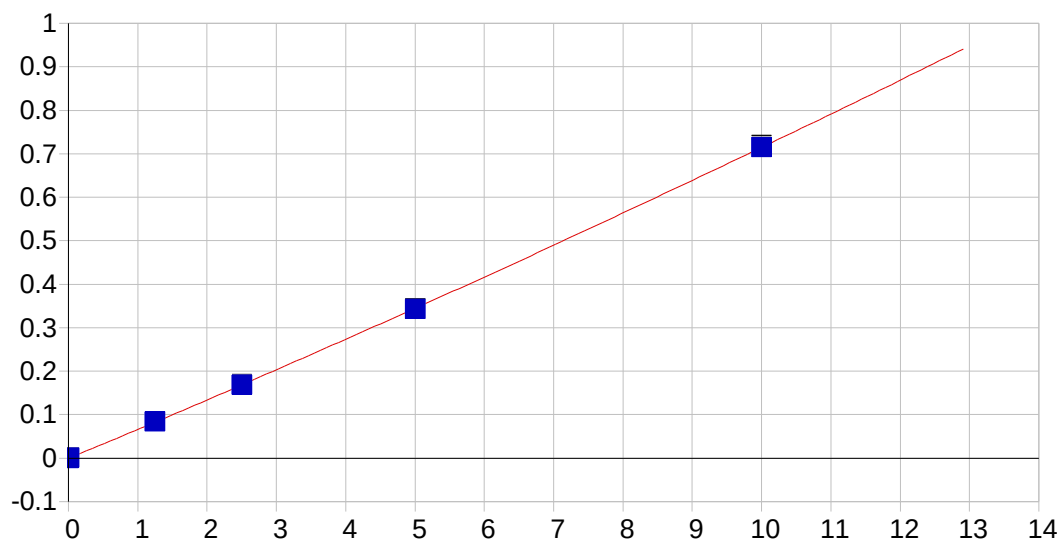




As 189.042 {479}

Date of Fit: 3/31/2017 16:06:33

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000034

Re-Slope: 1.000000

A1 (Gain): 0.065800

Y-int: 0.000000

A2 (Curvature): 0.000395

n (Exponent): 1.010000

Correlation: 0.999977

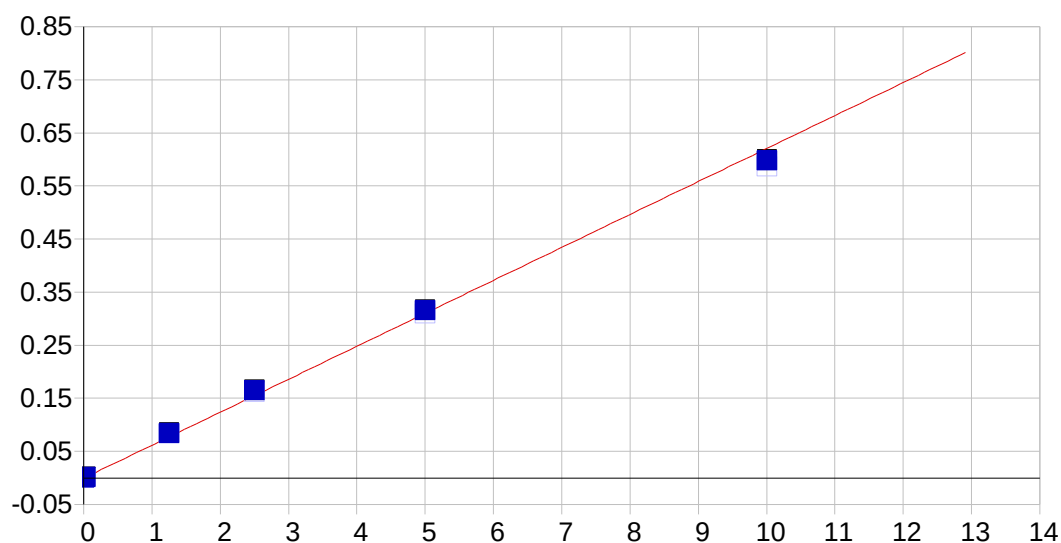
Status: Warning Positive Curvature

Std Error of Est: 0.000011

Predicted MDL: 0.002675

Predicted MQL: 0.008917

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01000	.00715	-.003	-28.5	.00041	.000	1
S2	1.2500	1.2586	.009	.689	.08358	.000	1
S3	2.5000	2.5096	.010	.385	.16911	.001	1
S4	5.0000	4.9769	-.023	-.462	.34275	.001	1
S5	10.000	10.008	.008	.076	.71502	.004	1



TI 190.856 {477}

Date of Fit: 3/31/2017 16:06:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000399

Re-Slope: 1.000000

A1 (Gain): 0.062091

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998982

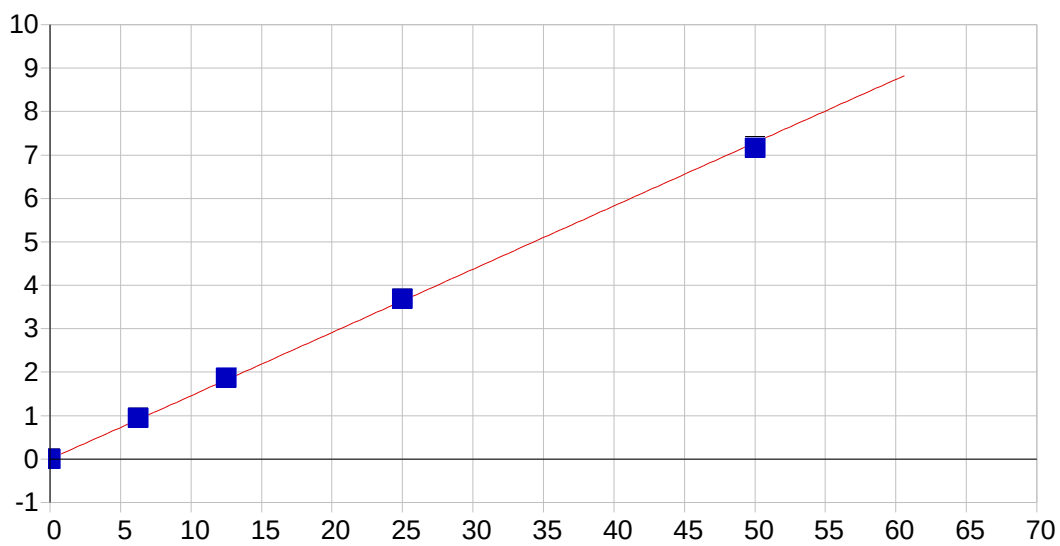
Status: OK.

Std Error of Est: 0.000073

Predicted MDL: 0.001800

Predicted MQL: 0.006002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.02500	.02584	.001	3.38	.00107	.000	1
S2	1.2500	1.3671	.117	9.37	.08308	.001	1
S3	2.5000	2.6649	.165	6.59	.16224	.001	1
S4	5.0000	5.0856	.086	1.71	.30973	.001	1
S5	10.000	9.6316	-.368	-3.68	.58636	.003	1

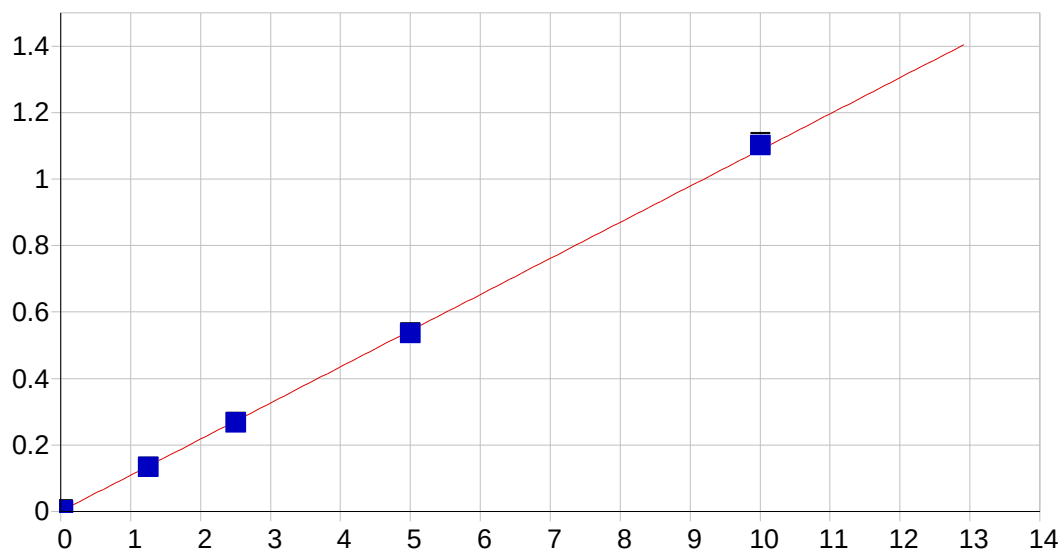


Pb 220.353 {453}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.145676 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.001389
 Predicted MQL: 0.004631

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.00819	-.002	-18.1	.00121	.000	1
S2	6.2500	6.4476	.198	3.16	.93955	.007	1
S3	12.500	12.855	.355	2.84	1.8733	.005	1
S4	25.000	25.278	.278	1.11	3.6835	.005	1
S5	50.000	49.170	-.830	-1.66	7.1651	.027	1

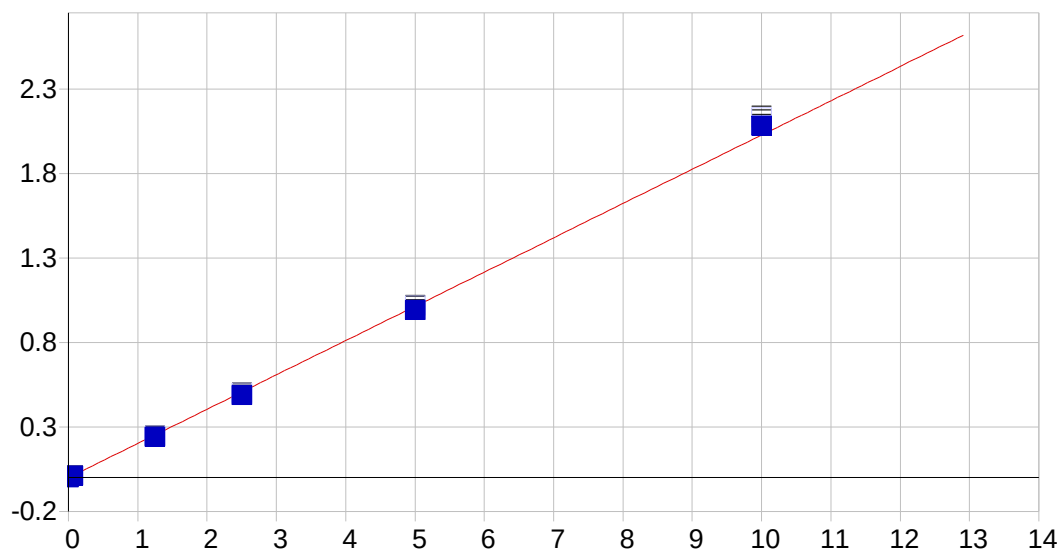


Se 196.090 {472}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000430 Re-Slope: 1.000000
 A1 (Gain): 0.108699 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.002090
 Predicted MQL: 0.006968

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.03500	.03325	-.002	-5.00	.00404	.000	1
S2	1.2500	1.2229	-.027	-2.17	.13286	.001	1
S3	2.5000	2.4544	-.046	-1.82	.26622	.001	1
S4	5.0000	4.9335	-.066	-1.33	.53469	.002	1
S5	10.000	10.141	.141	1.41	1.0987	.008	1

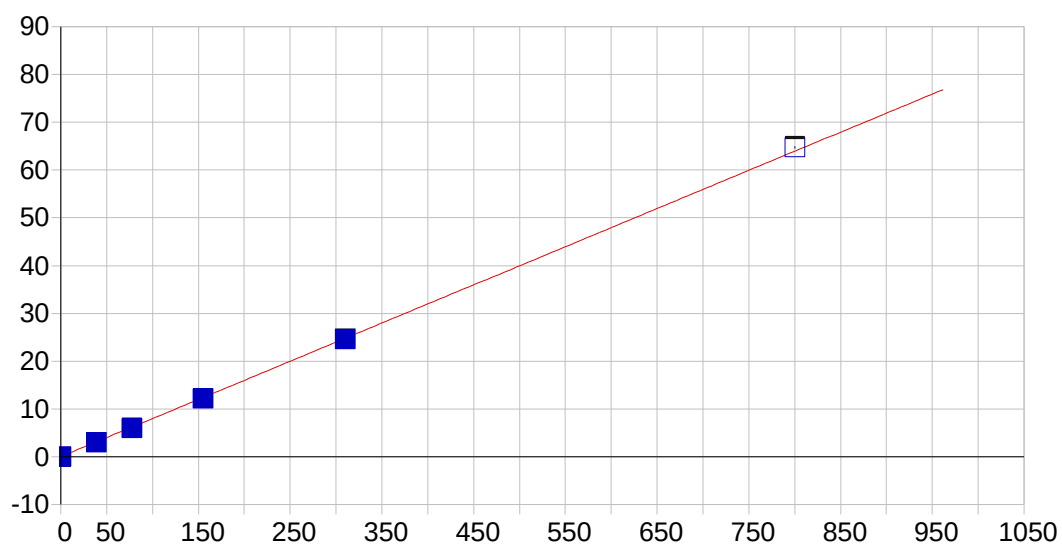


Sb 206.833 {463}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.202719 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999605 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.001197
 Predicted MQL: 0.003988

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00001	.000	1
S1	.06000	.05723	-.003	-4.62	.01158	.000	1
S2	1.2500	1.1895	-.061	-4.84	.24721	.002	1
S3	2.5000	2.4095	-.090	-3.62	.50062	.001	1
S4	5.0000	4.8911	-.109	-2.18	1.0159	.003	1
S5	10.000	10.263	.263	2.63	2.1291	.012	1

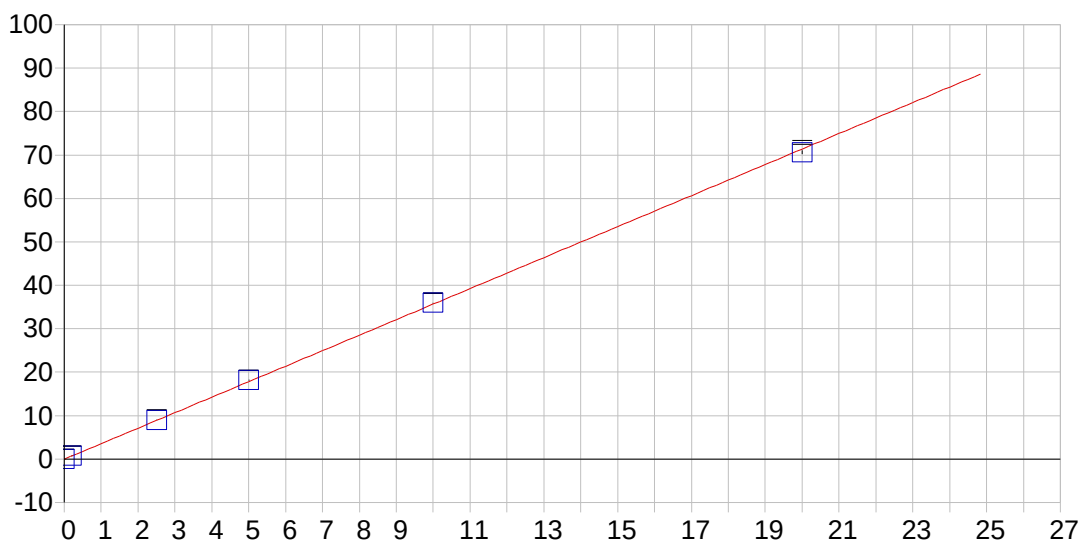


AI 396.152 { 85}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.079908 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000868
 Predicted MDL: 0.006158
 Predicted MQL: 0.020526

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00025	.000	1
S1	.20000	.20355	.004	1.78	.01604	.000	1
S2	38.750	36.874	-1.88	-4.84	2.9500	.033	1
S3	77.500	74.724	-2.78	-3.58	5.9782	.014	1
S4	155.00	151.48	-3.52	-2.27	12.119	.034	1
S5	310.00	307.78	-2.22	-.717	24.623	.068	1
S6	800.00	810.41	10.4	1.30	64.758	.225	1

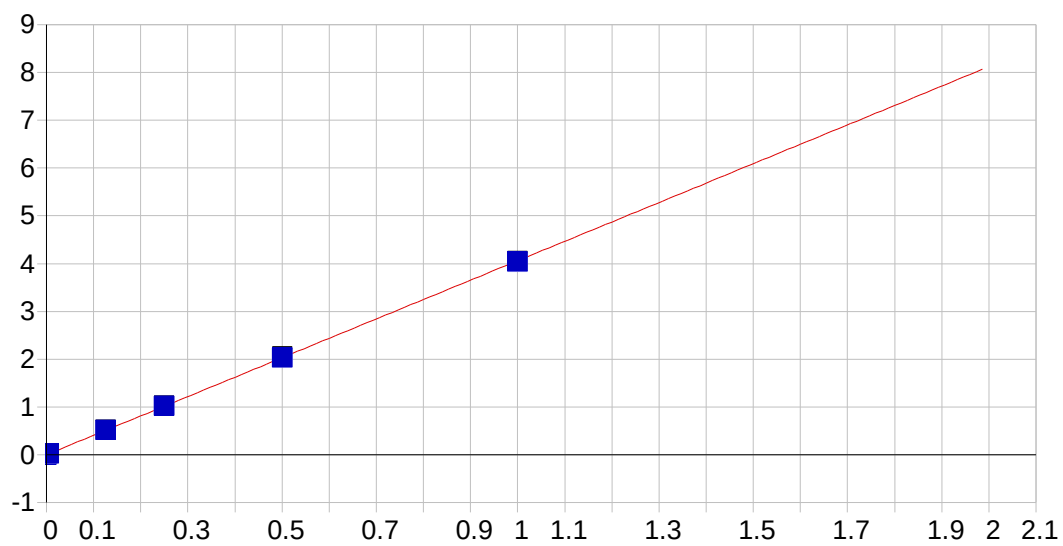


Ba 493.409 { 68}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.036895 Re-Slope: 1.000000
 A1 (Gain): 3.570058 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.004763
 Predicted MDL: 0.000485
 Predicted MQL: 0.001616

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.03695	.002	1
S1	.20000	.20885	.009	4.43	.70872	.000	1
S2	2.5000	2.5293	.029	1.17	8.9930	.077	1
S3	5.0000	5.1060	.106	2.12	18.192	.025	1
S4	10.000	10.075	.075	.749	35.931	.064	1
S5	20.000	19.781	-.219	-1.10	70.582	.438	1



Be 234.861 {144}

Date of Fit: 3/31/2017 16:06:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001434

Re-Slope: 1.000000

A1 (Gain): 4.061338

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999975

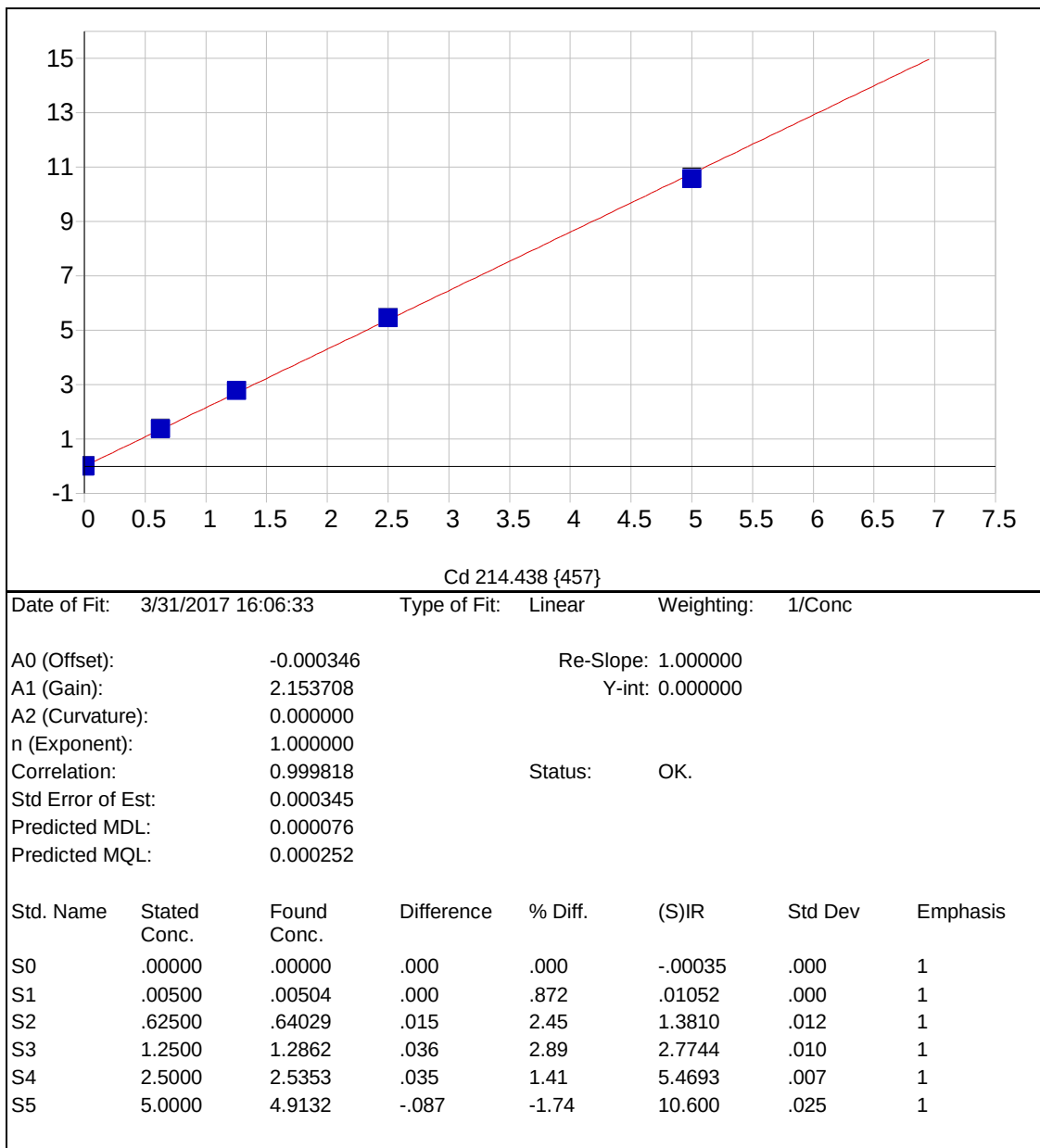
Status: OK.

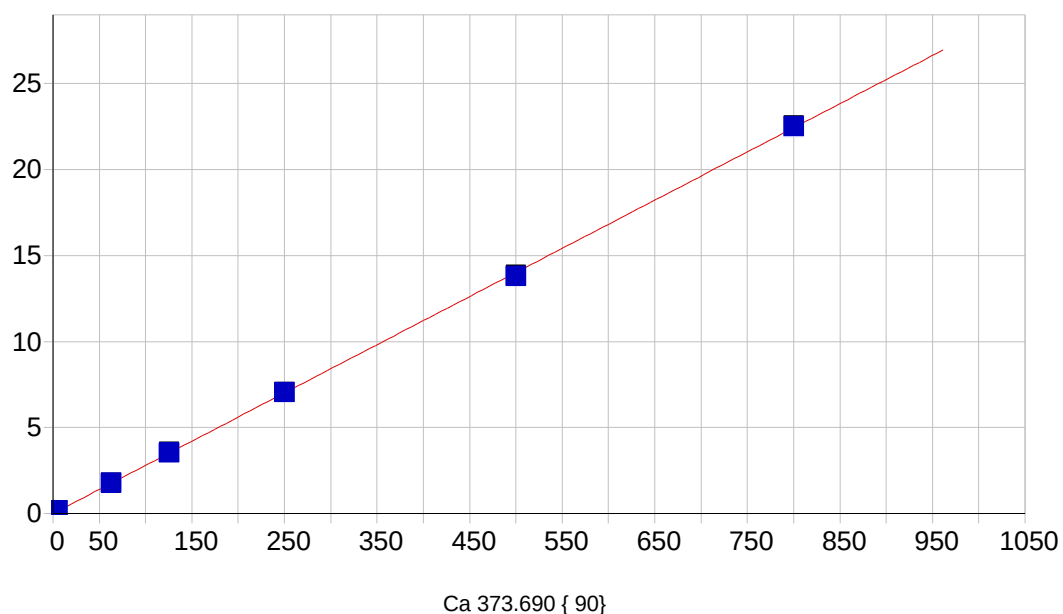
Std Error of Est: 0.000107

Predicted MDL: 0.000067

Predicted MQL: 0.000224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00144	.000	1
S1	.00500	.00537	.000	7.47	.02038	.000	1
S2	.12500	.12706	.002	1.65	.51288	.004	1
S3	.25000	.25115	.001	.462	1.0152	.009	1
S4	.50000	.50121	.001	.242	2.0273	.021	1
S5	1.0000	.99520	-.005	-.480	4.0268	.010	1





Date of Fit: 3/31/2017 16:06:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001201

Re-Slope: 1.000000

A1 (Gain): 0.028035

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999945

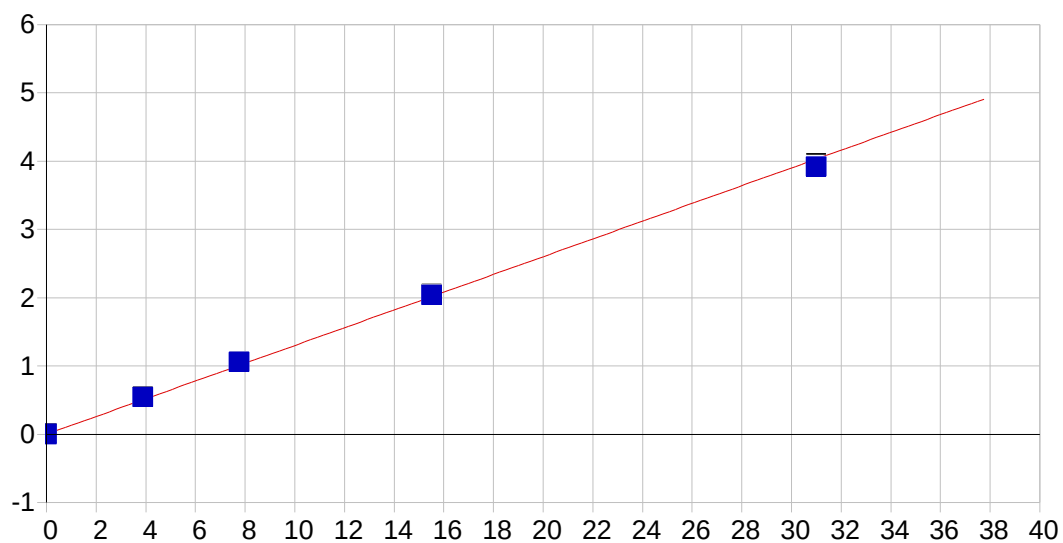
Status: OK.

Std Error of Est: 0.001026

Predicted MDL: 0.012256

Predicted MQL: 0.040852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00044	.000	.000	.00119	.000	1
S1	5.0000	5.3165	.316	6.33	.15024	.001	1
S2	62.500	63.658	1.16	1.85	1.7837	.013	1
S3	125.00	126.53	1.53	1.22	3.5441	.022	1
S4	250.00	251.33	1.33	.534	7.0389	.008	1
S5	500.00	492.52	-7.48	-1.50	13.792	.061	1
S6	800.00	803.15	3.15	.394	22.472	.045	1

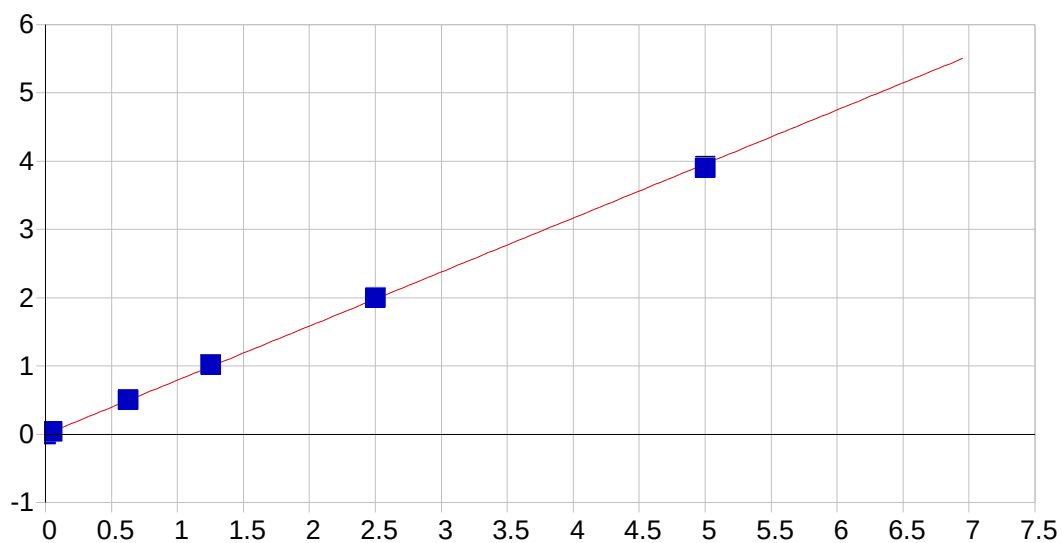


Cr 267.716 {126}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.130062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999400 Status: OK.
 Std Error of Est: 0.000133
 Predicted MDL: 0.000497
 Predicted MQL: 0.001656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.01147	.001	14.7	.00155	.000	1
S2	3.8750	4.1737	.299	7.71	.54418	.002	1
S3	7.7500	8.1432	.393	5.07	1.0618	.001	1
S4	15.500	15.683	.183	1.18	2.0450	.008	1
S5	31.000	30.124	-.876	-2.83	3.9284	.042	1

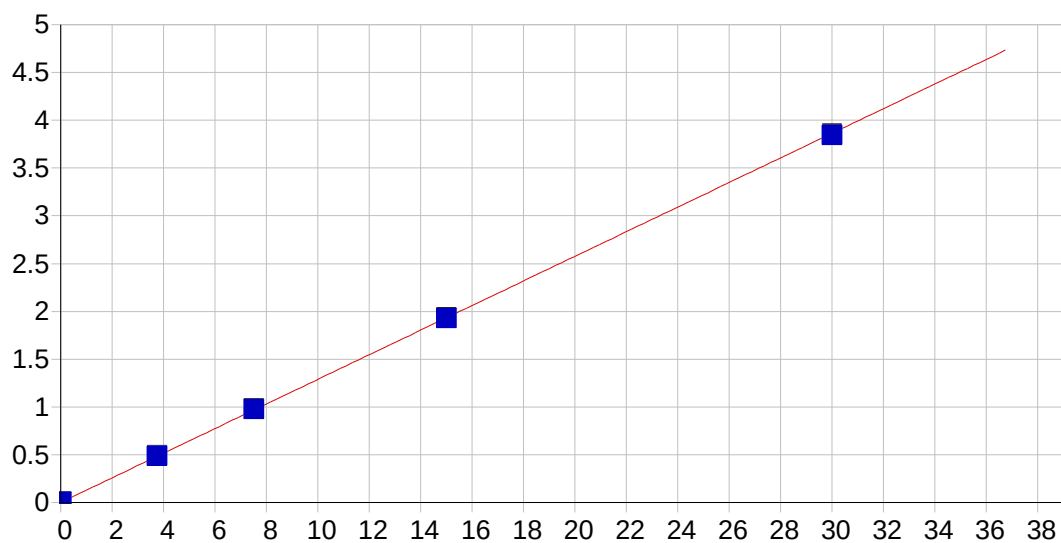


Co 228.616 {448}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.791989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868 Status: OK.
 Std Error of Est: 0.000342
 Predicted MDL: 0.000206
 Predicted MQL: 0.000688

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.05000	.04870	-.001	-2.59	.03850	.000	1
S2	.62500	.63846	.013	2.15	.50647	.004	1
S3	1.2500	1.2831	.033	2.65	1.0181	.002	1
S4	2.5000	2.5260	.026	1.04	2.0045	.003	1
S5	5.0000	4.9287	-.071	-1.43	3.9115	.014	1

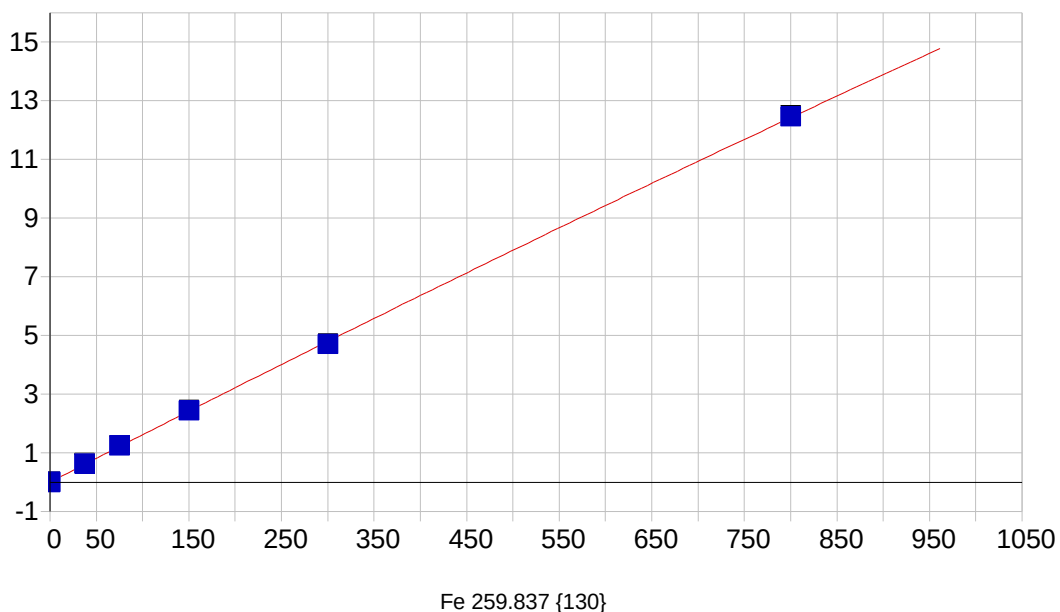


Cu 324.754 {104}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000711 Re-Slope: 1.000000
 A1 (Gain): 0.128764 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.001844
 Predicted MQL: 0.006148

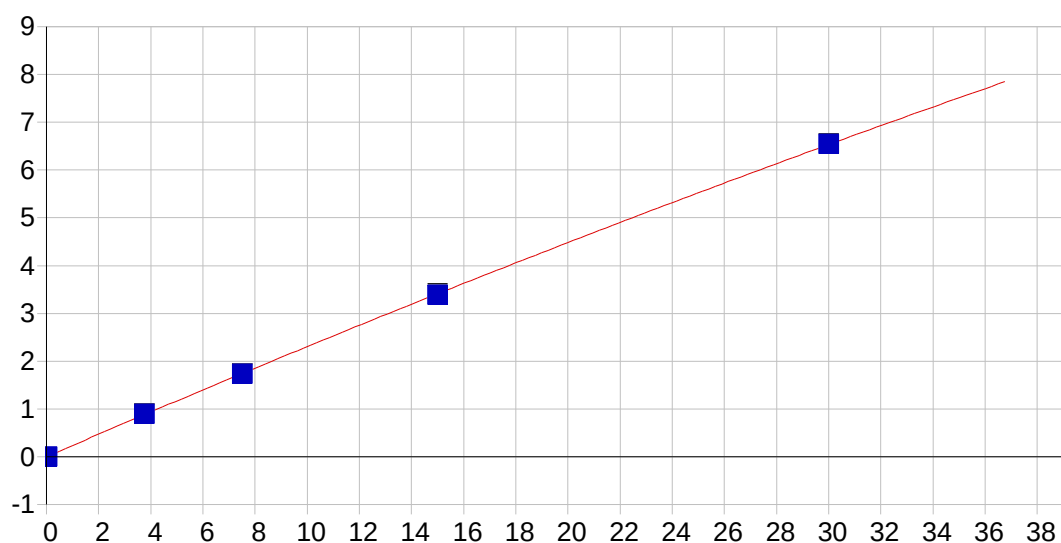
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00071	.000	1
S1	.02500	.02623	.001	4.91	.00407	.000	1
S2	3.7500	3.8010	.051	1.36	.48876	.004	1
S3	7.5000	7.5833	.083	1.11	.97442	.002	1
S4	15.000	14.979	-.021	-.138	1.9240	.006	1
S5	30.000	29.885	-.115	-.383	3.8378	.007	1



Date of Fit: 3/31/2017 16:06:33 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000058 Re-Slope: 1.000000
 A1 (Gain): 0.016270 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.008994
 Predicted MQL: 0.029979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00006	.000	1
S1	.10000	.12292	.023	22.9	.00195	.000	1
S2	37.500	39.036	1.54	4.10	.63438	.008	1
S3	75.000	76.653	1.65	2.20	1.2431	.001	1
S4	150.00	150.98	.985	.657	2.4384	.015	1
S5	300.00	293.79	-6.21	-2.07	4.7062	.012	1
S6	800.00	802.03	2.03	.253	12.463	.046	1

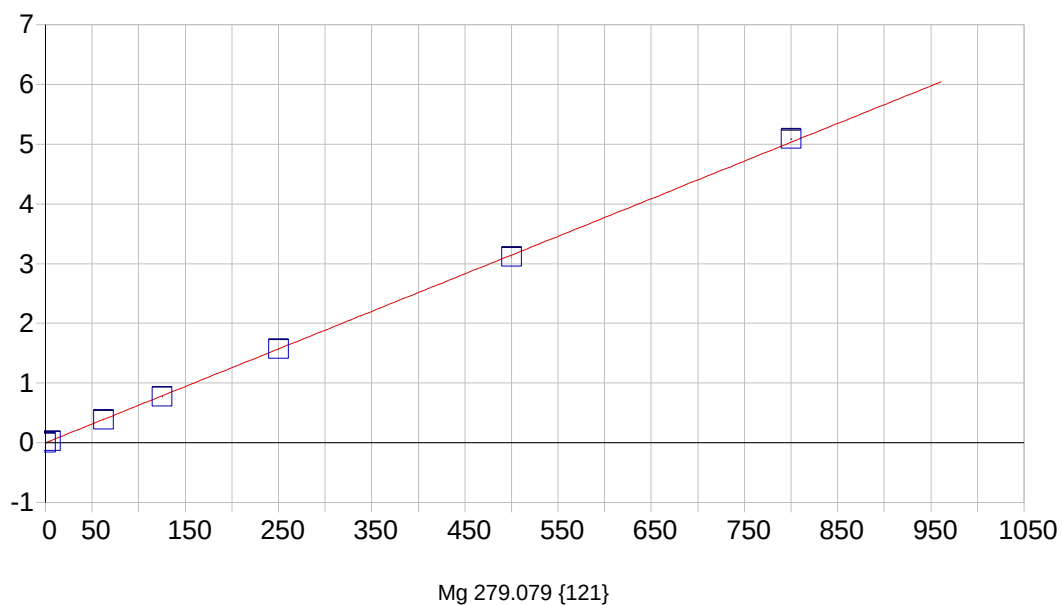


Mn 257.610 {131}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.236776 Y-int: 0.000000
 A2 (Curvature): -0.000633
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.000610
 Predicted MQL: 0.002034

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01635	.001	9.03	.00381	.000	1
S2	3.7500	3.8060	.056	1.49	.89213	.012	1
S3	7.5000	7.4870	-.013	-.173	1.7376	.005	1
S4	15.000	14.913	-.087	-.580	3.3910	.019	1
S5	30.000	30.043	.043	.144	6.5437	.009	1



Date of Fit: 3/31/2017 16:06:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000197

Re-Slope: 1.000000

A1 (Gain): 0.006288

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999935

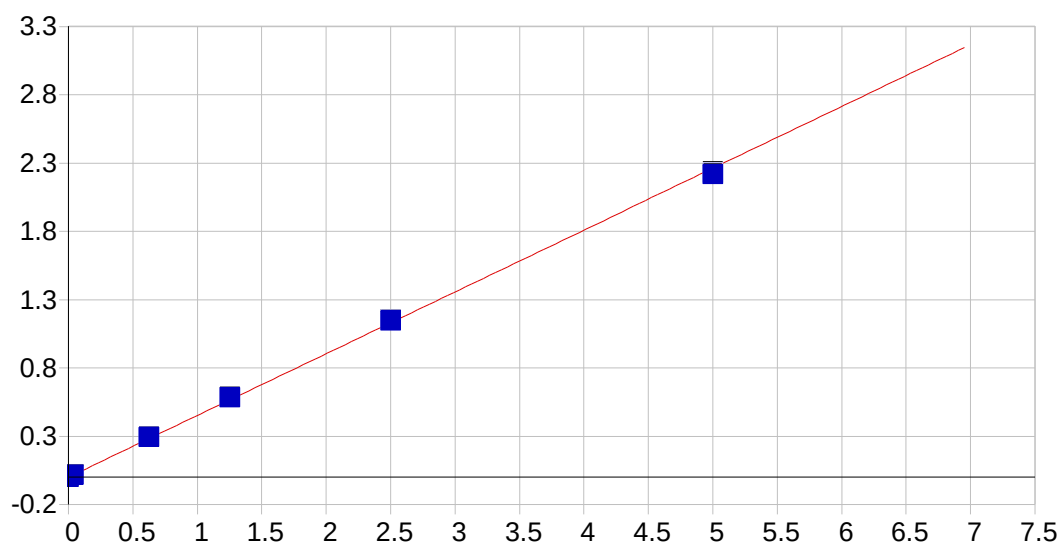
Status: OK.

Std Error of Est: 0.000251

Predicted MDL: 0.027313

Predicted MQL: 0.091043

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	-.00020	.000	1
S1	5.0000	5.0276	.028	.552	.03142	.000	1
S2	62.500	61.199	-1.30	-2.08	.38462	.006	1
S3	125.00	122.74	-2.26	-1.80	.77161	.001	1
S4	250.00	249.46	-.543	-.217	1.5684	.007	1
S5	500.00	494.86	-5.14	-1.03	3.1115	.004	1
S6	800.00	809.21	9.21	1.15	5.0880	.014	1

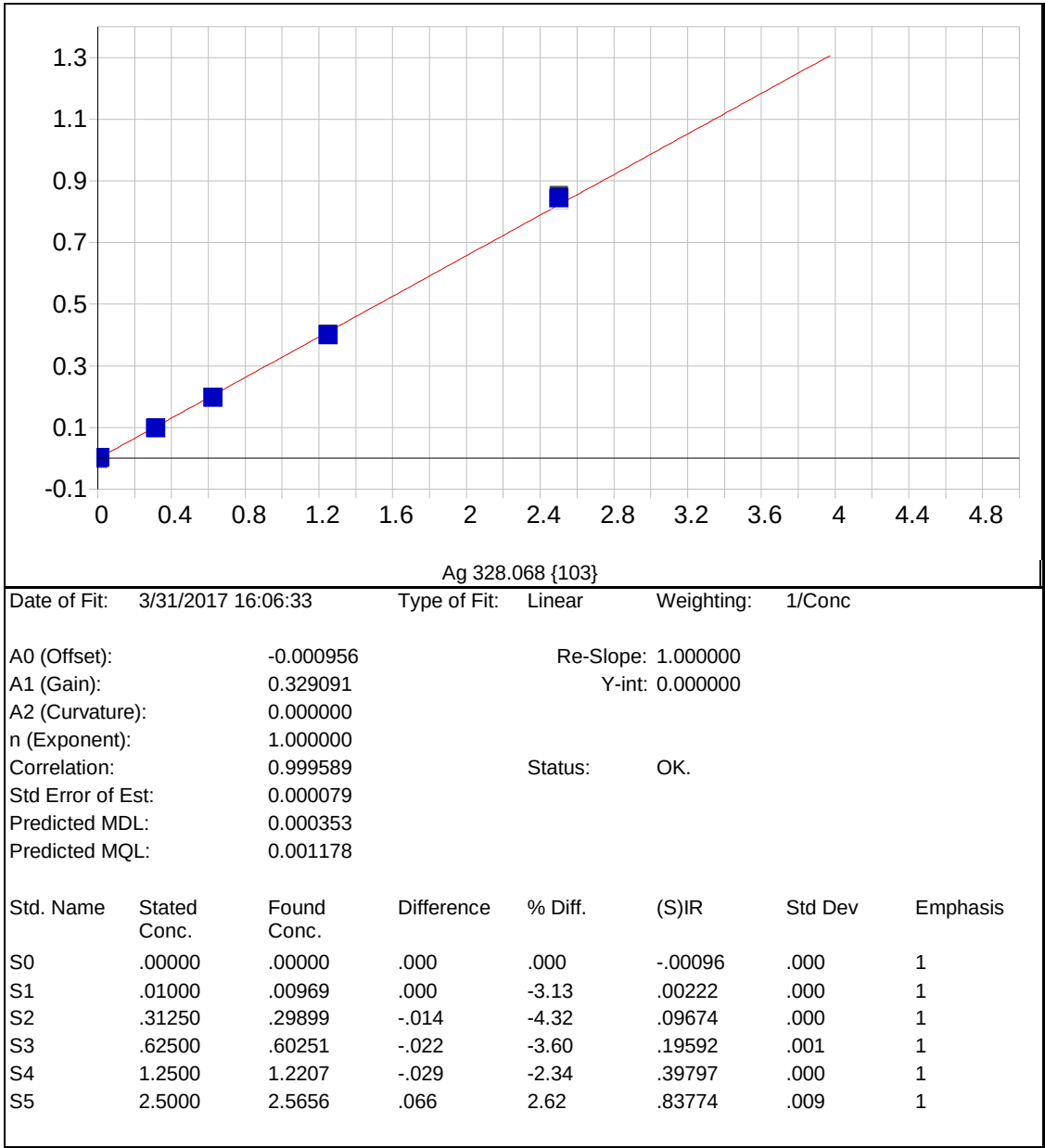


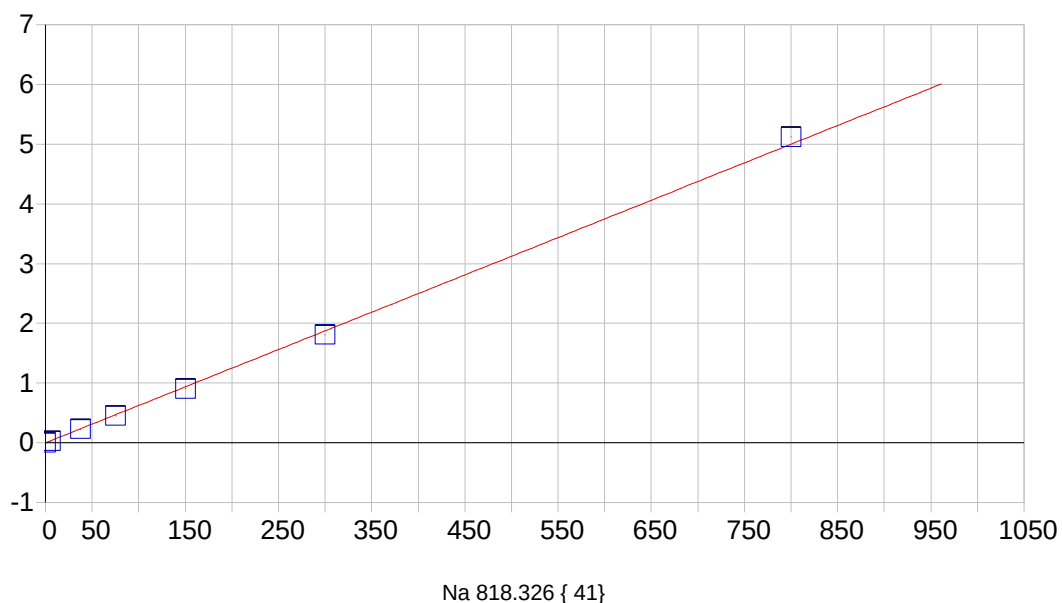
Ni 231.604 {446}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000274 Re-Slope: 1.000000
 A1 (Gain): 0.452343 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.000366
 Predicted MQL: 0.001219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.04000	.04016	.000	.408	.01792	.000	1
S2	.62500	.64635	.021	3.42	.29359	.002	1
S3	1.2500	1.2929	.043	3.43	.58753	.000	1
S4	2.5000	2.5358	.036	1.43	1.1527	.002	1
S5	5.0000	4.8998	-.100	-2.00	2.2280	.008	1





Date of Fit: 3/31/2017 16:06:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000412

Re-Slope: 1.000000

A1 (Gain): 0.006249

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999584

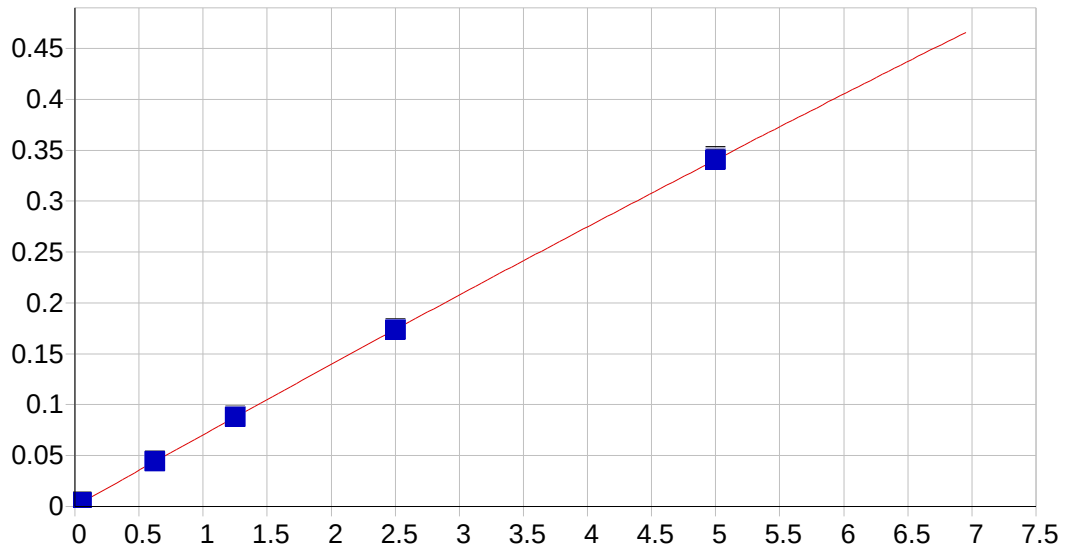
Status: OK.

Std Error of Est: 0.000558

Predicted MDL: 0.162725

Predicted MQL: 0.542418

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00063	.001	.000	-.00041	.001	1
S1	5.0000	4.9109	-.089	-1.78	.03027	.001	1
S2	37.500	36.324	-1.18	-3.14	.22656	.002	1
S3	75.000	72.622	-2.38	-3.17	.45337	.002	1
S4	150.00	144.88	-5.12	-3.41	.90486	.004	1
S5	300.00	289.34	-10.7	-3.55	1.8075	.005	1
S6	800.00	819.43	19.4	2.43	5.1198	.003	1

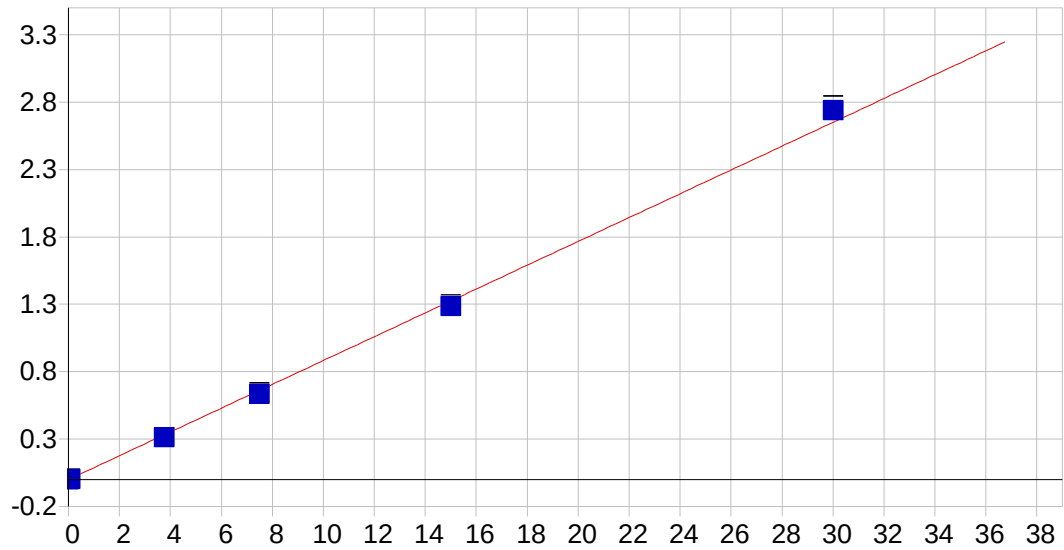


V 292.402 {115}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000144 Re-Slope: 1.000000
 A1 (Gain): 0.070943 Y-int: 0.000000
 A2 (Curvature): -0.000569
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002762
 Predicted MQL: 0.009207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.05000	.05375	.004	7.51	.00397	.000	1
S2	.62500	.62554	.001	.086	.04448	.000	1
S3	1.2500	1.2477	-.002	-.181	.08814	.001	1
S4	2.5000	2.4948	-.005	-.210	.17432	.000	1
S5	5.0000	5.0032	.003	.064	.34232	.001	1

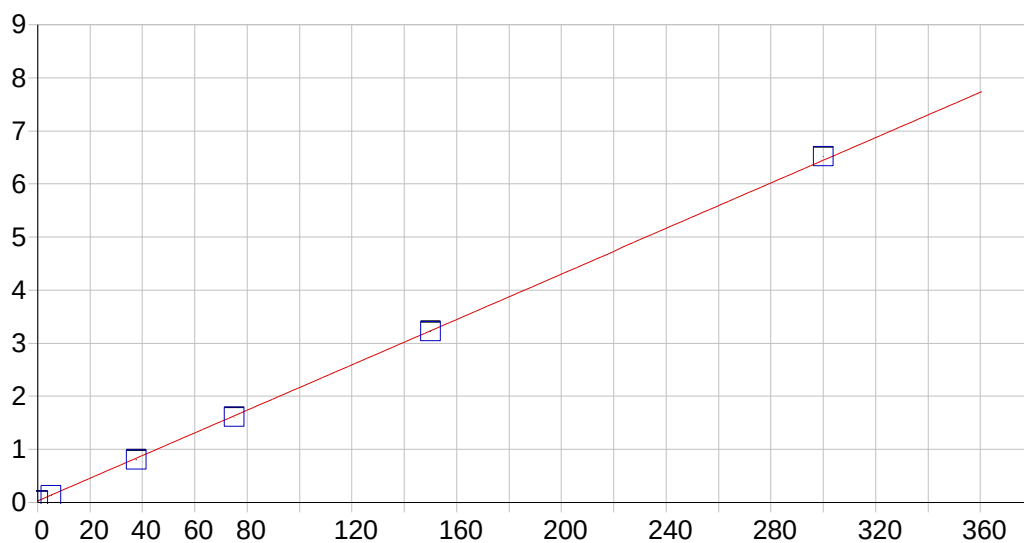


Zn 213.856 {158}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000775 Re-Slope: 1.000000
 A1 (Gain): 0.088380 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999354 Status: OK.
 Std Error of Est: 0.000227
 Predicted MDL: 0.007125
 Predicted MQL: 0.023750

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.06000	.06238	.002	3.96	.00476	.000	1
S2	3.7500	3.5322	-.218	-5.81	.31219	.002	1
S3	7.5000	7.1758	-.324	-4.32	.63501	.010	1
S4	15.000	14.548	-.452	-3.01	1.2882	.008	1
S5	30.000	30.991	.991	3.30	2.7446	.032	1

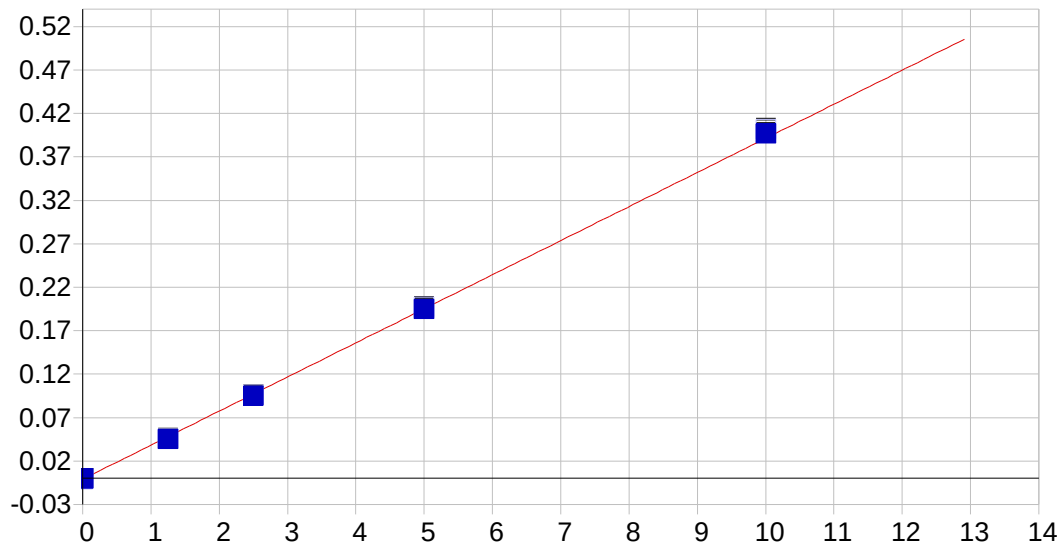


K 769.896 { 44}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.033887 Re-Slope: 1.000000
 A1 (Gain): 0.021359 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000632
 Predicted MDL: 0.039140
 Predicted MQL: 0.130465

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	.03389	.001	1
S1	5.0000	4.8873	-.113	-2.25	.13828	.001	1
S2	37.500	36.129	-1.37	-3.66	.80558	.007	1
S3	75.000	73.754	-1.25	-1.66	1.6092	.004	1
S4	150.00	149.27	-.732	-.488	3.2221	.013	1
S5	300.00	303.46	3.46	1.15	6.5156	.009	1

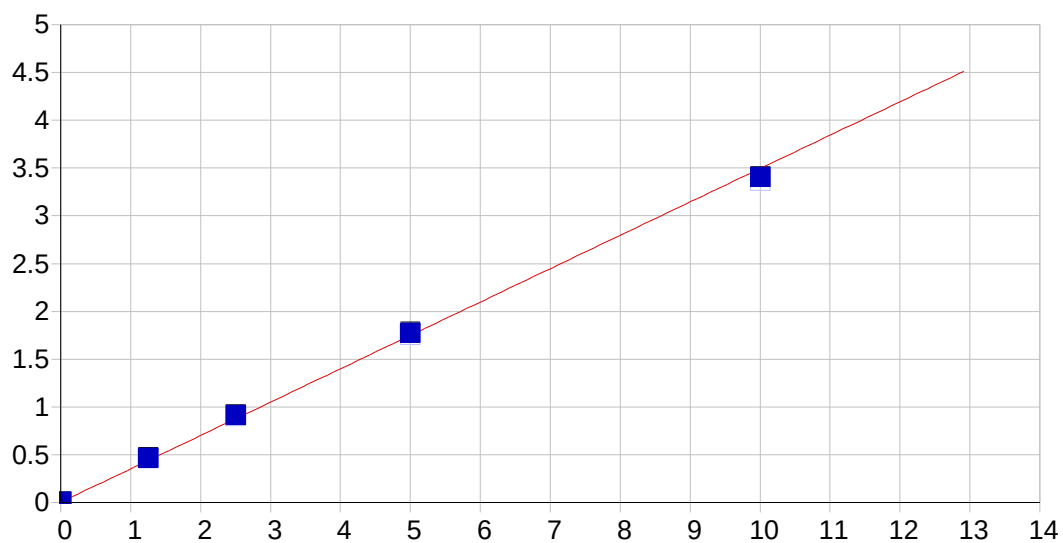


P 177.495 {490}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000948 Re-Slope: 1.000000
 A1 (Gain): 0.039225 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002056
 Predicted MQL: 0.006853

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00095	.000	1
S1	.01000	.01176	.002	17.6	-.00048	.000	1
S2	1.2500	1.1792	-.071	-5.66	.04594	.000	1
S3	2.5000	2.4425	-.058	-2.30	.09613	.000	1
S4	5.0000	4.9835	-.016	-.329	.19707	.001	1
S5	10.000	10.143	.143	1.43	.40198	.001	1

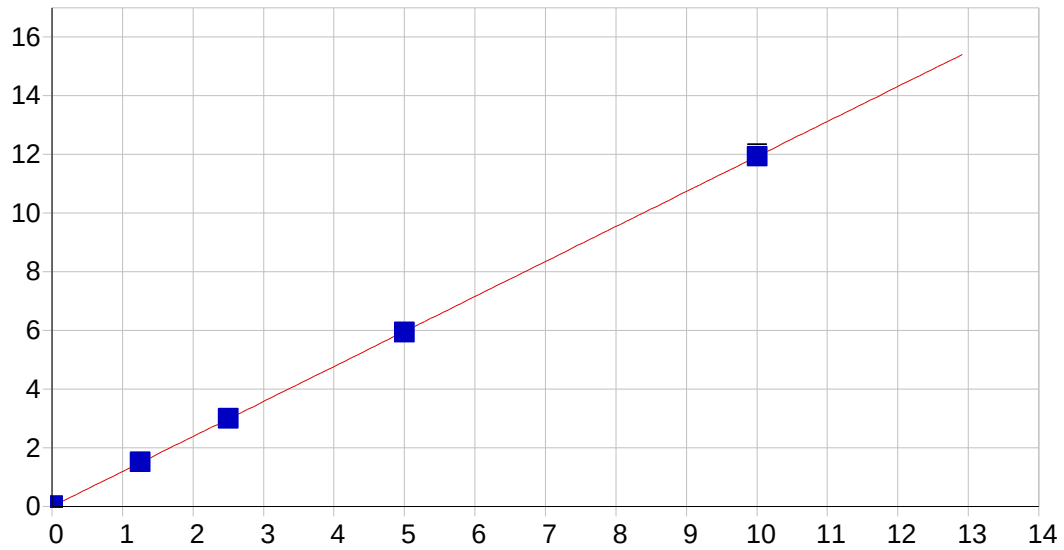


B 249.678 {135}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002514 Re-Slope: 1.000000
 A1 (Gain): 0.349192 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999528 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.001204
 Predicted MQL: 0.004013

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00251	.000	1
S1	.01000	.00729	-.003	-27.1	.00507	.000	1
S2	1.2500	1.3245	.074	5.96	.45954	.004	1
S3	2.5000	2.6054	.105	4.22	.90138	.005	1
S4	5.0000	5.0773	.077	1.55	1.7536	.011	1
S5	10.000	9.7456	-.254	-2.54	3.3619	.007	1

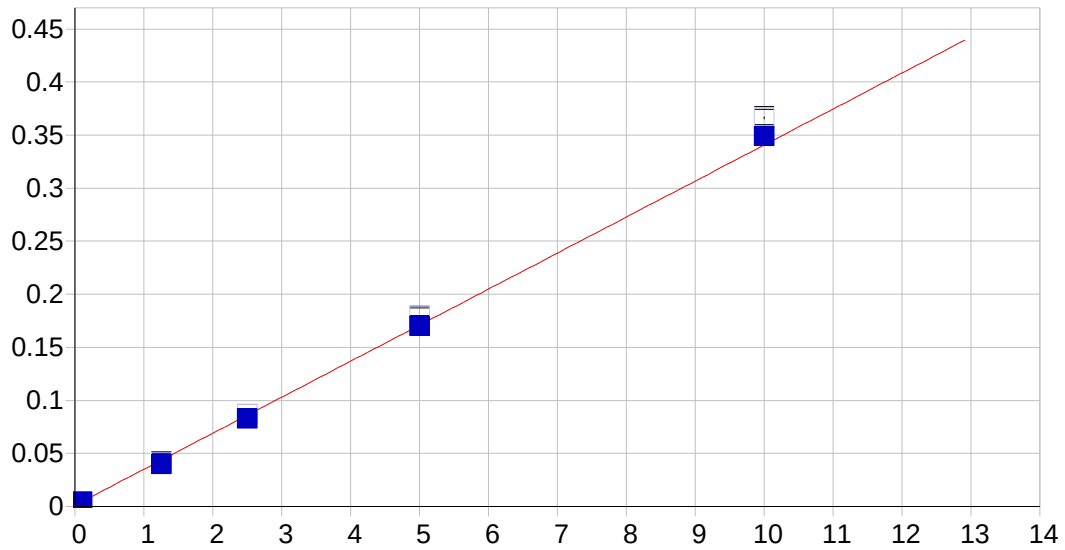


Mo 202.030 {467}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000224 Re-Slope: 1.000000
 A1 (Gain): 1.193172 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.000211
 Predicted MQL: 0.000703

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.01037	.000	3.74	.01263	.000	1
S2	1.2500	1.2620	.012	.964	1.5074	.010	1
S3	2.5000	2.5113	.011	.453	2.9994	.004	1
S4	5.0000	4.9759	-.024	-.483	5.9427	.012	1
S5	10.000	10.000	.000	.004	11.943	.079	1



S 182.034 {485}

Date of Fit: 3/31/2017 16:06:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001135

Re-Slope: 1.000000

A1 (Gain): 0.033955

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999461

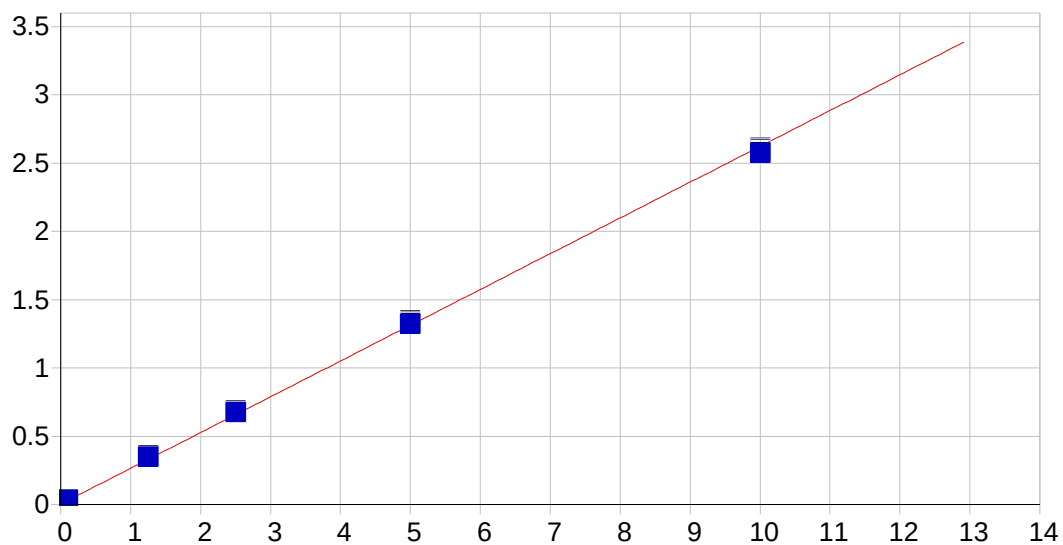
Status: OK.

Std Error of Est: 0.000062

Predicted MDL: 0.002795

Predicted MQL: 0.009315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00114	.000	1
S1	.10000	.08413	-.016	-15.9	.00400	.000	1
S2	1.2500	1.1420	-.108	-8.64	.04207	.000	1
S3	2.5000	2.3981	-.102	-4.08	.08688	.000	1
S4	5.0000	4.9741	-.026	-.518	.17866	.001	1
S5	10.000	10.251	.251	2.51	.36648	.001	1

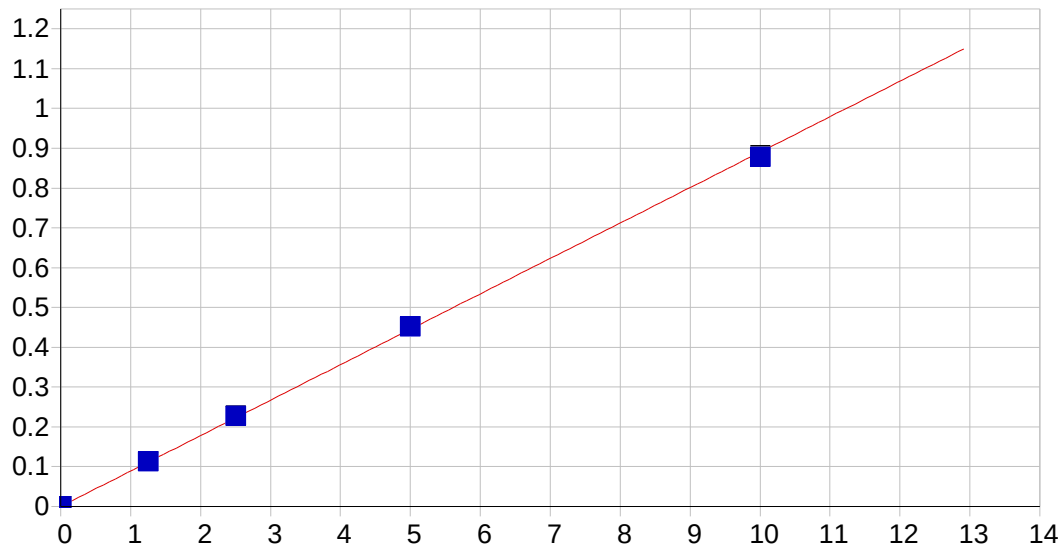


Si 251.611 {134}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002904 Re-Slope: 1.000000
 A1 (Gain): 0.262023 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.001039
 Predicted MQL: 0.003462

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00290	.000	1
S1	.10000	.10631	.006	6.31	.03086	.000	1
S2	1.2500	1.3284	.078	6.27	.35482	.003	1
S3	2.5000	2.5664	.066	2.66	.68308	.004	1
S4	5.0000	5.0279	.028	.557	1.3357	.010	1
S5	10.000	9.8211	-.179	-1.79	2.6071	.003	1

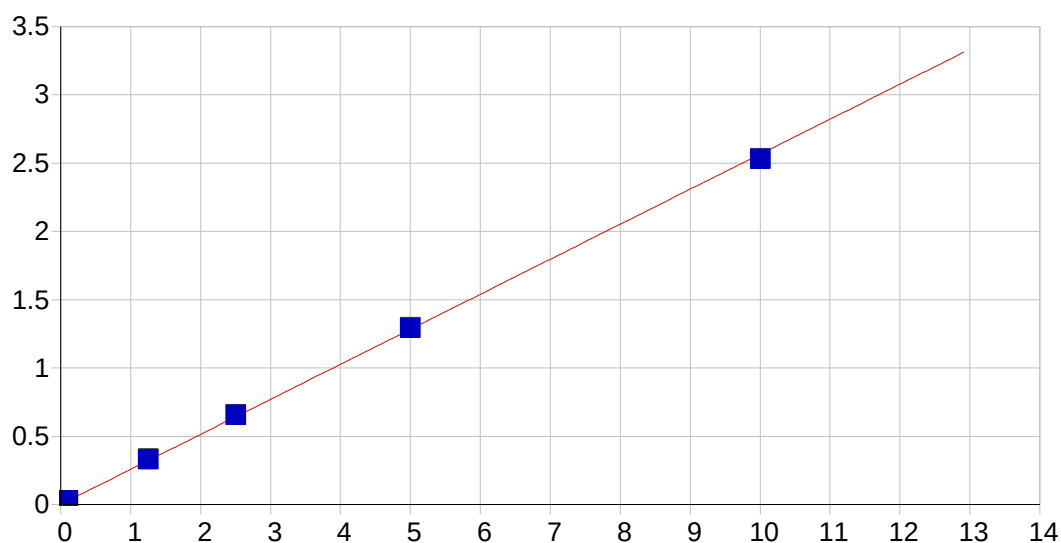


Sn 189.989 {478}

Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000146 Re-Slope: 1.000000
 A1 (Gain): 0.089013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.000946
 Predicted MQL: 0.003155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00700	.00551	-.001	-21.3	.00063	.000	1
S2	1.2500	1.2643	.014	1.14	.11260	.001	1
S3	2.5000	2.5520	.052	2.08	.22713	.000	1
S4	5.0000	5.0695	.069	1.39	.45104	.001	1
S5	10.000	9.8657	-.134	-1.34	.87762	.003	1



Ti 336.121 {100}

Date of Fit: 3/31/2017 16:06:33

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000730

Re-Slope: 1.000000

A1 (Gain): 0.256523

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999873

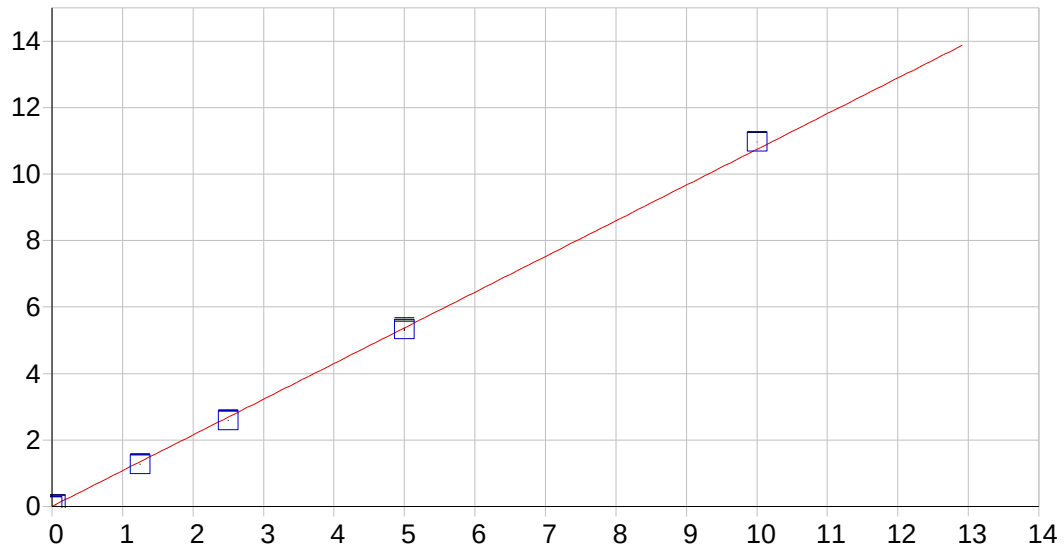
Status: OK.

Std Error of Est: 0.000217

Predicted MDL: 0.001030

Predicted MQL: 0.003433

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00073	.000	1
S1	.10000	.10699	.007	6.99	.02817	.000	1
S2	1.2500	1.2824	.032	2.59	.32957	.003	1
S3	2.5000	2.5550	.055	2.20	.65592	.002	1
S4	5.0000	5.0426	.043	.851	1.2938	.002	1
S5	10.000	9.8631	-.137	-1.37	2.5300	.005	1

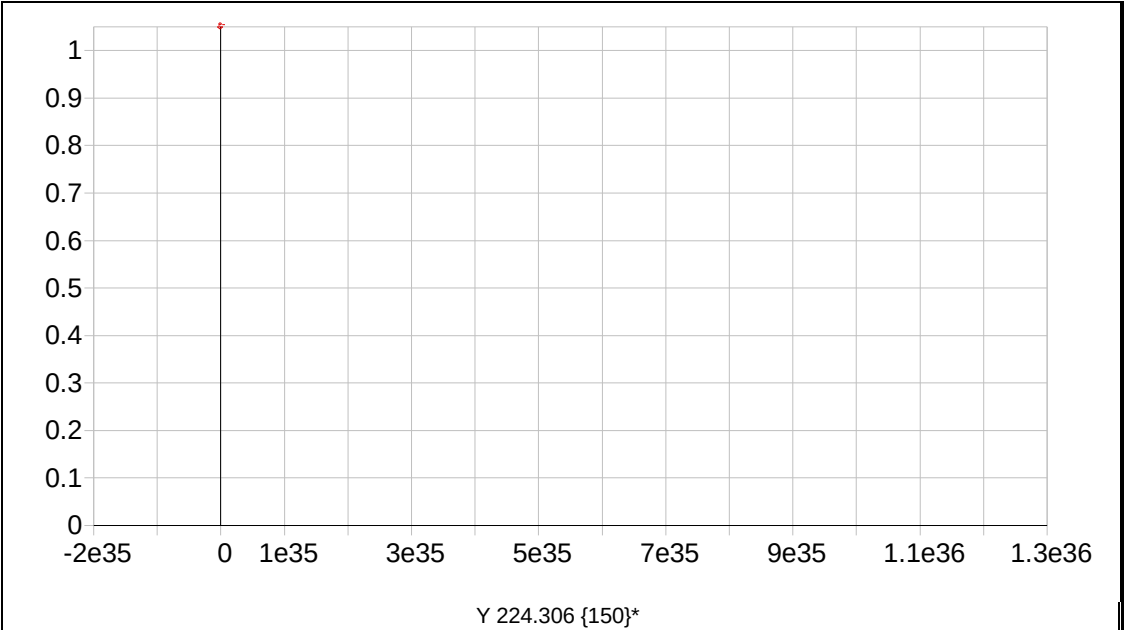


Li 670.784 { 50}

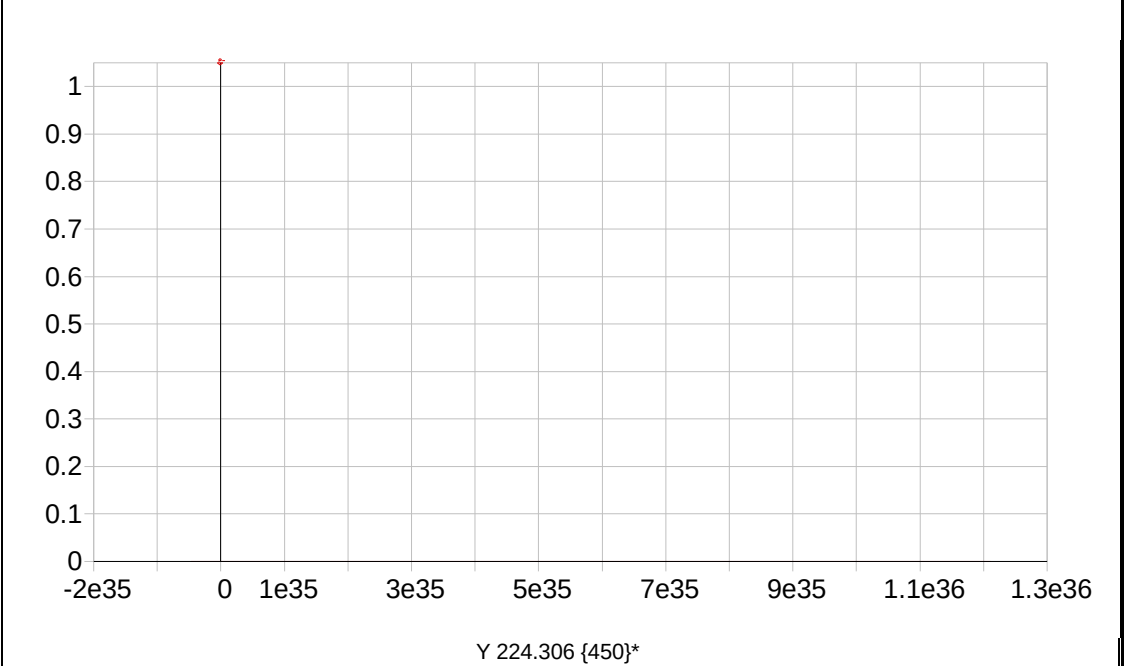
Date of Fit: 3/31/2017 16:06:33 Type of Fit: Linear Weighting: 1/Conc

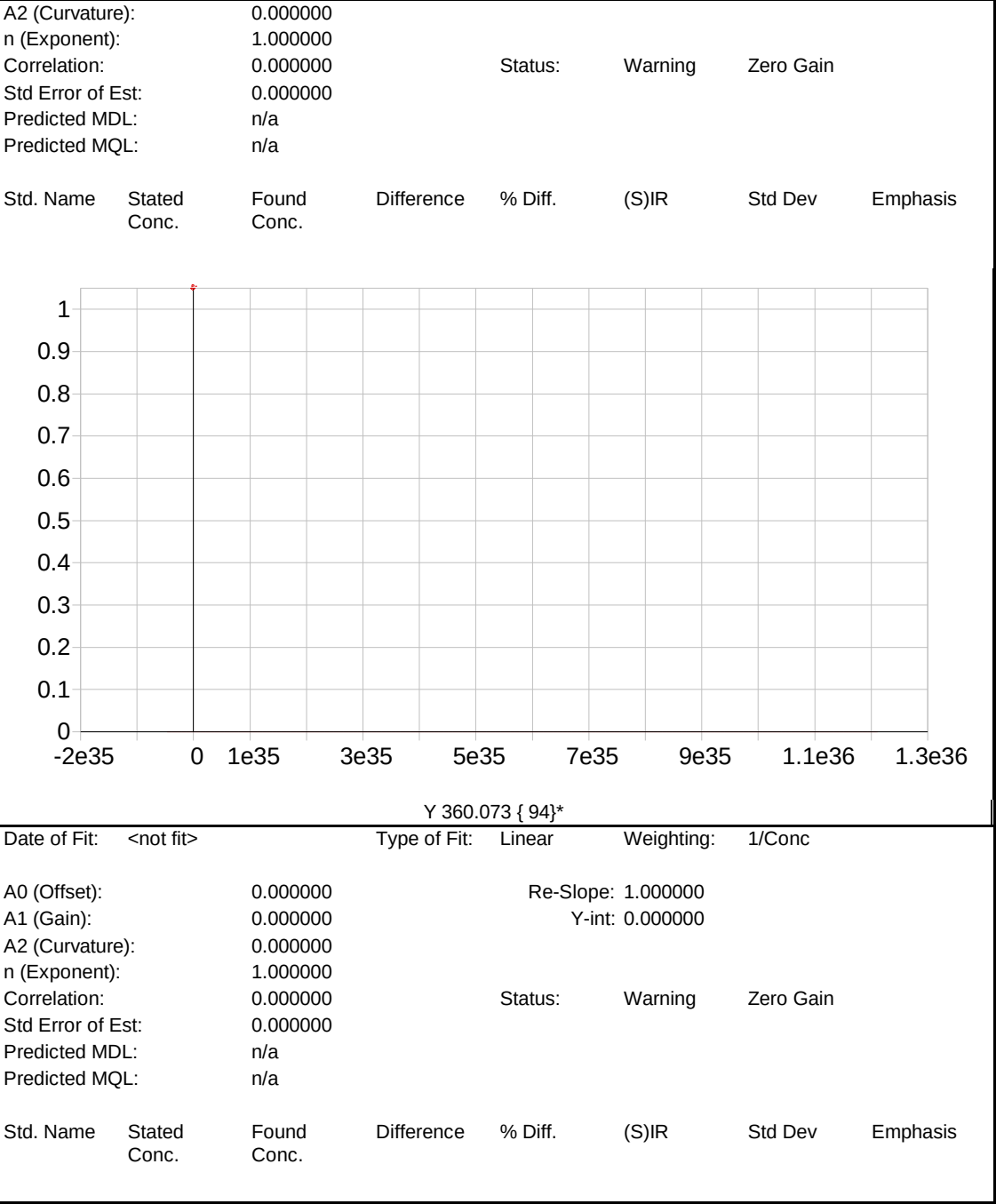
A0 (Offset): 0.004562 Re-Slope: 1.000000
 A1 (Gain): 1.073807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999660 Status: OK.
 Std Error of Est: 0.001051
 Predicted MDL: 0.000988
 Predicted MQL: 0.003293

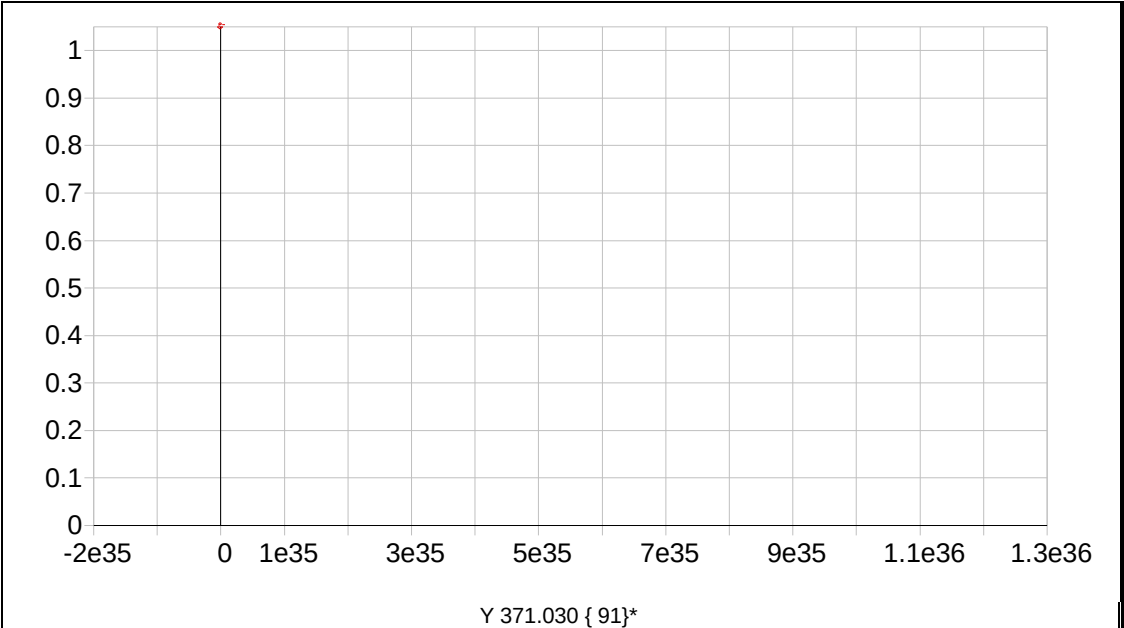
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00457	.001	1
S5	10.000	10.213	.213	2.13	10.971	.010	1
S4	5.0000	4.9554	-.045	-.892	5.3257	.046	1
S3	2.5000	2.4058	-.094	-3.77	2.5880	.017	1
S2	1.2500	1.1804	-.070	-5.57	1.2721	.020	1
S1	.05000	.04534	-.005	-9.32	.05325	.000	1



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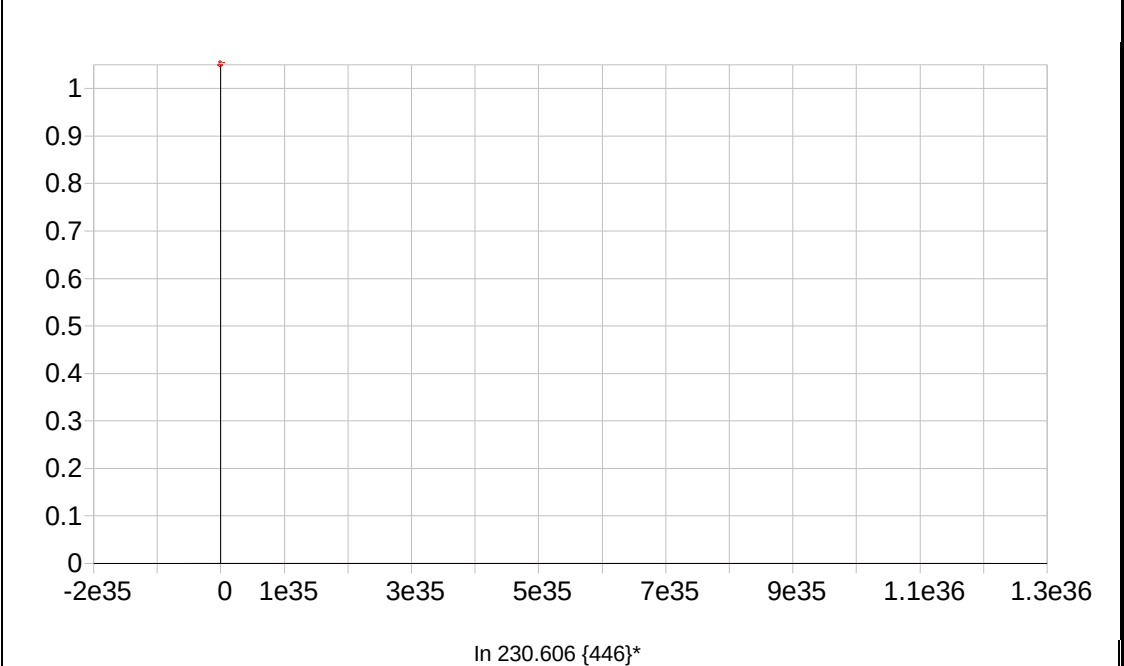




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

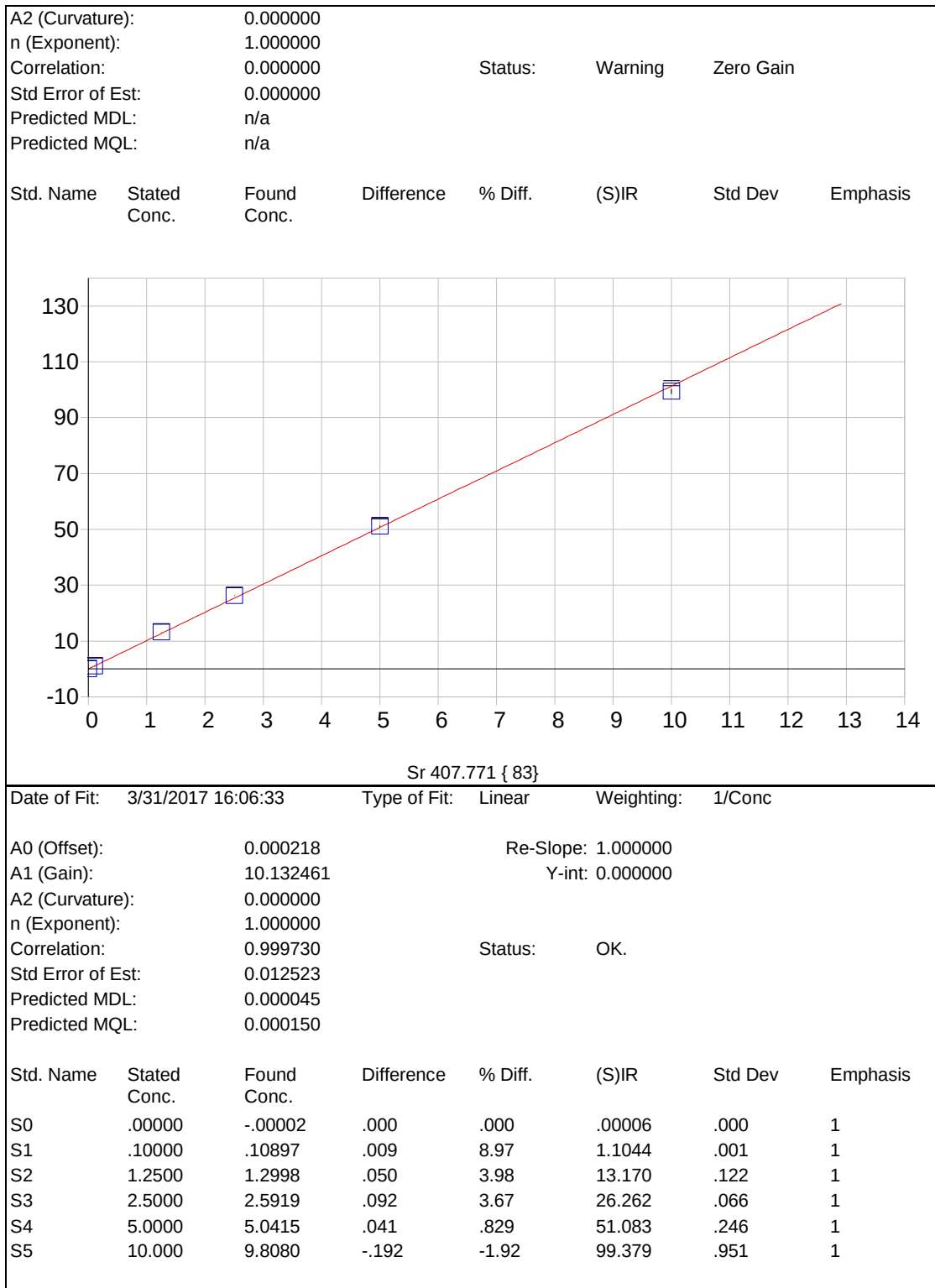
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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

A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000



Sample Name: S0 Acquired: 3/31/2017 15:26:52 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	-.00003	-.00040	.00002	.00043	-.00001	-.00025	-.03695	-.00144
Stddev	.00004	.00006	.00018	.00002	.00017	.00010	.00226	.00031
%RSD	105.71	14.676	825.12	5.4966	1278.4	37.429	6.1290	21.934

#1	.00000	-.00033	-.00018	.00041	.00003	-.00018	-.03759	-.00121
#2	-.00007	-.00042	.00011	.00045	-.00020	-.00022	-.03882	-.00130
#3	-.00002	-.00044	.00014	.00043	.00013	-.00036	-.03443	-.00180

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	-.00035	.00119	.00004	-.00022	.00071	-.00006	-.00007	-.00020
Stddev	.00006	.00016	.00008	.00011	.00011	.00012	.00014	.00011
%RSD	17.041	13.695	214.38	52.729	15.487	210.73	205.34	58.425

#1	-.00028	.00111	.00010	-.00009	.00060	-.00014	-.00021	-.00031
#2	-.00035	.00138	.00007	-.00032	.00082	.00008	-.00006	-.00019
#3	-.00040	.00108	-.00005	-.00024	.00072	-.00012	.00006	-.00008

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	-.00028	-.00096	-.00041	.00014	-.00077	.03389	-.00095	.00251
Stddev	.00022	.00005	.00055	.00005	.00011	.00078	.00006	.00036
%RSD	78.936	5.5469	134.05	32.330	14.711	2.3025	6.0775	14.203

#1	-.00051	-.00101	-.00024	.00018	-.00066	.03395	-.00100	.00238
#2	-.00022	-.00091	.00004	.00009	-.00077	.03465	-.00089	.00225
#3	-.00009	-.00094	-.00102	.00016	-.00089	.03309	-.00096	.00292

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	.00022	.00114	.00290	.00015	.00073	.00457	.00006	
Stddev	.00020	.00003	.00018	.00010	.00011	.00086	.00018	
%RSD	91.403	2.4812	6.1745	68.876	15.137	18.754	300.67	

#1	.00044	.00116	.00274	.00004	.00060	.00388	.00022	
#2	.00020	.00110	.00309	.00016	.00078	.00553	-.00014	
#3	.00003	.00115	.00287	.00024	.00080	.00430	.00010	

Sample Name: S0 Acquired: 3/31/2017 15:26:52 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	1389.5	2146.2	41901.	8430.9	4206.3
Stddev	2.7	33.8	93.	81.6	65.6
%RSD	.19759	1.5759	.22227	.96760	1.5592
#1	1386.4	2117.4	41843.	8431.7	4150.6
#2	1391.1	2183.4	42008.	8349.0	4278.6
#3	1391.2	2137.6	41851.	8512.1	4189.8

Sample Name: S1 Acquired: 3/31/2017 15:31:02 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.00041	.00107	.00121	.00404	.01158	.01604	.70872	.02038
Stddev	.00019	.00011	.00030	.00015	.00040	.00030	.00049	.00039
%RSD	46.264	10.569	24.678	3.6080	3.4660	1.8750	.06950	1.9203

#1	.00019	.00117	.00088	.00410	.01193	.01583	.70817	.01994
#2	.00050	.00111	.00146	.00415	.01168	.01638	.70890	.02070
#3	.00055	.00095	.00130	.00387	.01114	.01591	.70910	.02048

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	.01052	.15024	.00155	.03850	.00407	.00195	.00381	.03142
Stddev	.00042	.00116	.00001	.00044	.00010	.00008	.00017	.00023
%RSD	3.9961	.77100	.75486	1.1449	2.5364	3.8985	4.3361	.74254

#1	.01095	.14902	.00155	.03879	.00417	.00196	.00381	.03123
#2	.01052	.15038	.00156	.03872	.00396	.00187	.00364	.03134
#3	.01011	.15132	.00154	.03799	.00407	.00202	.00397	.03168

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	.01792	.00222	.03027	.00397	.00476	.13828	-.00048	.00507
Stddev	.00028	.00010	.00066	.00017	.00030	.00057	.00005	.00031
%RSD	1.5741	4.4241	2.1710	4.2225	6.4026	.41203	9.5267	6.1356

#1	.01817	.00232	.03006	.00415	.00443	.13762	-.00048	.00542
#2	.01797	.00222	.02975	.00391	.00503	.13860	-.00052	.00482
#3	.01761	.00213	.03101	.00383	.00481	.13861	-.00043	.00497

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	.01263	.00400	.03086	.00063	.02817	.05325	1.1044	
Stddev	.00026	.00005	.00011	.00003	.00012	.00024	.0015	
%RSD	2.0420	1.1810	.36775	4.7579	.43744	.44772	.13491	

#1	.01292	.00405	.03079	.00062	.02804	.05333	1.1048	
#2	.01245	.00399	.03099	.00066	.02828	.05298	1.1027	
#3	.01251	.00396	.03079	.00060	.02819	.05343	1.1056	

Sample Name: S1 Acquired: 3/31/2017 15:31:02 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	1365.3	2107.8	41182.	8430.9	4061.6
Stddev	3.4	30.8	184.	39.2	57.5
%RSD	.25174	1.4626	.44640	.46511	1.4157
#1	1363.5	2083.8	41054.	8470.3	4014.2
#2	1369.3	2097.1	41100.	8430.6	4045.2
#3	1363.2	2142.6	41393.	8391.9	4125.6

Sample Name: S2 Acquired: 3/31/2017 15:35:11 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.08358	.08308	.93955	.13286	.24721	2.9500	8.9930	.51288
Stddev	.00032	.00059	.00674	.00076	.00205	.0326	.0765	.00436
%RSD	.38404	.71227	.71741	.57138	.82982	1.1051	.85067	.85006

#1	.08358	.08312	.93729	.13301	.24687	2.9718	9.0542	.51504
#2	.08325	.08246	.93423	.13203	.24534	2.9656	9.0176	.51574
#3	.08389	.08364	.94713	.13353	.24940	2.9125	8.9072	.50786

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	1.3810	1.7837	.54418	.50647	.48876	.63438	.89213	.38462
Stddev	.0120	.0135	.00153	.00417	.00421	.00802	.01220	.00585
%RSD	.86756	.75642	.28184	.82293	.86204	1.2649	1.3670	1.5220

#1	1.3771	1.7933	.54452	.50461	.49188	.63885	.89644	.38838
#2	1.3715	1.7896	.54551	.50357	.49043	.63918	.90159	.38761
#3	1.3945	1.7683	.54250	.51125	.48397	.62512	.87836	.37787

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	.29359	.09674	.22656	.04448	.31219	.80558	.04594	.45954
Stddev	.00201	.00030	.00244	.00036	.00157	.00741	.00020	.00392
%RSD	.68571	.31121	1.0775	.80198	.50199	.92007	.43650	.85215

#1	.29271	.09707	.22796	.04435	.31070	.81197	.04588	.46127
#2	.29216	.09649	.22798	.04489	.31205	.80731	.04578	.46229
#3	.29589	.09665	.22374	.04421	.31383	.79745	.04616	.45506

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	1.5074	.04207	.35482	.11260	.32957	1.2721	13.170	
Stddev	.0104	.00034	.00306	.00071	.00347	.0196	.122	
%RSD	.68678	.81042	.86281	.63332	1.0537	1.5416	.92910	

#1	1.5034	.04207	.35719	.11246	.33172	1.2824	13.274	
#2	1.4996	.04173	.35590	.11196	.33143	1.2843	13.200	
#3	1.5192	.04241	.35136	.11337	.32557	1.2494	13.035	

Sample Name: S2 Acquired: 3/31/2017 15:35:11 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	1304.0	1972.3	39602.	8486.7	3521.8
Stddev	3.7	8.1	74.	81.3	15.2
%RSD	.28386	.41262	.18702	.95808	.43251
#1	1301.0	1972.6	39531.	8424.8	3523.4
#2	1308.1	1980.2	39596.	8456.5	3536.2
#3	1303.0	1964.0	39679.	8578.8	3505.9

Sample Name: S3 Acquired: 3/31/2017 15:39:05 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.16911	.16224	1.8733	.26622	.50062	5.9782	18.192	1.0152
Stddev	.00083	.00055	.0048	.00093	.00078	.0137	.025	.0093
%RSD	.49178	.33743	.25491	.35111	.15640	.22982	.13751	.91298

#1	.17006	.16275	1.8787	.26584	.50058	5.9855	18.211	1.0251
#2	.16854	.16232	1.8695	.26728	.50142	5.9868	18.200	1.0136
#3	.16873	.16166	1.8717	.26553	.49986	5.9624	18.163	1.0068

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	2.7744	3.5441	1.0618	1.0181	.97442	1.2431	1.7376	.77161
Stddev	.0104	.0220	.0010	.0021	.00187	.0014	.0047	.00102
%RSD	.37492	.61961	.09300	.21004	.19194	.10946	.26930	.13223

#1	2.7862	3.5243	1.0628	1.0205	.97634	1.2436	1.7402	.77189
#2	2.7666	3.5677	1.0608	1.0165	.97433	1.2442	1.7404	.77246
#3	2.7704	3.5403	1.0617	1.0172	.97260	1.2416	1.7322	.77048

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	.58753	.19592	.45337	.08814	.63501	1.6092	.09613	.90138
Stddev	.00040	.00050	.00209	.00063	.00997	.0045	.00025	.00493
%RSD	.06800	.25629	.46013	.71845	1.5708	.27953	.26268	.54748

#1	.58798	.19534	.45516	.08767	.62357	1.6122	.09642	.90522
#2	.58741	.19623	.45386	.08886	.64191	1.6114	.09598	.90310
#3	.58721	.19620	.45108	.08789	.63955	1.6040	.09598	.89581

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.9994	.08688	.68308	.22713	.65592	2.5880	26.262	
Stddev	.0038	.00013	.00355	.00031	.00219	.0170	.066	
%RSD	.12558	.15228	.52011	.13816	.33321	.65637	.24978	

#1	3.0014	.08681	.68699	.22742	.65597	2.6073	26.329	
#2	3.0017	.08703	.68222	.22680	.65808	2.5811	26.259	
#3	2.9950	.08679	.68004	.22718	.65371	2.5755	26.198	

Sample Name: S3 Acquired: 3/31/2017 15:39:05 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	1238.1	1875.2	38123.	8347.2	3268.4
Stddev	14.9	5.5	60.	35.5	3.7
%RSD	1.2002	.29341	.15864	.42550	.11452
#1	1255.2	1878.2	38191.	8325.9	3269.7
#2	1227.9	1868.8	38074.	8327.5	3264.1
#3	1231.3	1878.5	38106.	8388.2	3271.3

Sample Name: S4 Acquired: 3/31/2017 15:42:58 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.34275	.30973	3.6835	.53469	1.0159	12.119	35.931	2.0273
Stddev	.00074	.00133	.0052	.00189	.0029	.034	.064	.0207
%RSD	.21534	.42883	.13974	.35267	.29052	.28001	.17891	1.0223

#1	.34246	.31042	3.6868	.53351	1.0154	12.100	35.967	2.0164
#2	.34219	.30820	3.6776	.53369	1.0132	12.158	35.969	2.0512
#3	.34358	.31057	3.6862	.53686	1.0190	12.099	35.857	2.0144

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	5.4693	7.0389	2.0450	2.0045	1.9240	2.4384	3.3910	1.5684
Stddev	.0066	.0076	.0076	.0032	.0058	.0150	.0194	.0071
%RSD	.12041	.10832	.37125	.15994	.30074	.61542	.57187	.45368

#1	5.4716	7.0395	2.0367	2.0082	1.9227	2.4309	3.3740	1.5627
#2	5.4744	7.0461	2.0516	2.0022	1.9303	2.4556	3.4121	1.5763
#3	5.4619	7.0309	2.0467	2.0032	1.9190	2.4285	3.3869	1.5661

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	1.1527	.39797	.90486	.17432	1.2882	3.2221	.19707	1.7536
Stddev	.0017	.00033	.00419	.00048	.0077	.0130	.00066	.0114
%RSD	.14961	.08292	.46252	.27410	.59812	.40208	.33534	.64948

#1	1.1547	.39835	.90189	.17377	1.2911	3.2174	.19673	1.7457
#2	1.1513	.39773	.90965	.17464	1.2794	3.2368	.19664	1.7666
#3	1.1522	.39785	.90304	.17455	1.2940	3.2122	.19783	1.7485

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.9427	.17866	1.3357	.45104	1.2938	5.3257	51.083	
Stddev	.0123	.00060	.0096	.00063	.0022	.0460	.246	
%RSD	.20738	.33619	.72105	.14003	.16708	.86413	.48209	

#1	5.9390	.17907	1.3325	.45089	1.2922	5.2889	50.837	
#2	5.9326	.17797	1.3466	.45050	1.2963	5.3773	51.329	
#3	5.9564	.17895	1.3281	.45174	1.2930	5.3109	51.082	

Sample Name: S4 Acquired: 3/31/2017 15:42:58 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	1161.8	1754.0	36717.	8140.8	3007.5
Stddev	6.0	5.9	130.	40.4	9.8
%RSD	.51432	.33631	.35336	.49663	.32460
#1	1159.1	1754.2	36850.	8164.2	3003.0
#2	1168.7	1759.8	36711.	8094.1	3018.7
#3	1157.7	1748.1	36590.	8164.1	3000.8

Sample Name: S5 Acquired: 3/31/2017 15:46:57 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.71502	.58636	7.1651	1.0987	2.1291	24.623	70.582	4.0268
Stddev	.00414	.00281	.0274	.0077	.0124	.068	.438	.0103
%RSD	.57868	.47972	.38268	.70351	.58016	.27437	.62065	.25547

#1	.71614	.58740	7.1802	1.1016	2.1350	24.558	70.379	4.0190
#2	.71044	.58317	7.1334	1.0900	2.1149	24.693	71.085	4.0385
#3	.71849	.58850	7.1817	1.1046	2.1375	24.618	70.283	4.0228

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	10.600	13.792	3.9284	3.9115	3.8378	4.7062	6.5437	3.1115
Stddev	.025	.061	.0418	.0139	.0070	.0117	.0085	.0037
%RSD	.23117	.43917	1.0628	.35586	.18333	.24915	.13013	.12017

#1	10.614	13.730	3.8822	3.9206	3.8316	4.6942	6.5341	3.1072
#2	10.572	13.851	3.9633	3.8955	3.8455	4.7177	6.5501	3.1141
#3	10.614	13.794	3.9397	3.9184	3.8364	4.7067	6.5471	3.1131

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	2.2280	.83774	1.8075	.34232	2.7446	6.5156	.40198	3.3619
Stddev	.0081	.00896	.0048	.00147	.0323	.0086	.00106	.0069
%RSD	.36228	1.0696	.26669	.43011	1.1772	.13275	.26483	.20448

#1	2.2337	.82772	1.8021	.34153	2.7155	6.5056	.40261	3.3542
#2	2.2188	.84499	1.8112	.34401	2.7794	6.5205	.40075	3.3638
#3	2.2316	.84050	1.8093	.34140	2.7389	6.5207	.40258	3.3676

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	11.943	.36648	2.6071	.87762	2.5300	10.971	99.379	
Stddev	.079	.00120	.0026	.00343	.0047	.010	.951	
%RSD	.65767	.32781	.10040	.39102	.18700	.08893	.95720	

#1	11.974	.36661	2.6061	.87966	2.5251	10.960	98.392	
#2	11.854	.36521	2.6051	.87366	2.5345	10.978	100.29	
#3	12.001	.36761	2.6101	.87954	2.5303	10.976	99.454	

Sample Name: S5 Acquired: 3/31/2017 15:46:57 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	1019.5	1578.8	34249.	7912.5	2719.9
Stddev	10.7	9.6	297.	7.3	11.1
%RSD	1.0471	.60719	.86773	.09170	.40768
#1	1030.4	1574.1	34574.	7918.5	2713.6
#2	1009.1	1589.8	33991.	7904.4	2732.7
#3	1018.9	1572.4	34183.	7914.4	2713.3

Sample Name: S6 Acquired: 3/31/2017 15:51:04 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	64.758	22.472	12.463	5.0880	5.1198
Stddev	.225	.045	.046	.0145	.0029
%RSD	.34790	.20068	.36803	.28492	.05584

#1	64.896	22.493	12.445	5.0850	5.1173
#2	64.880	22.503	12.515	5.1038	5.1192
#3	64.498	22.420	12.428	5.0753	5.1229

Int. Std.	Y_3710
Units	Cts/S
Avg	7628.5
Stddev	23.4
%RSD	.30684

#1	7623.4
#2	7608.1
#3	7654.0

Sample Name: ICV Acquired: 3/31/2017 15:55:21 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.9955271	1.112762	.9833346	.9688897	.9575363	2.461768
Stddev	.0154485	.021564	.0168679	.0159163	.0172194	.008230
%RSD	1.551788	1.937878	1.715373	1.642737	1.798304	.3342945

#1	1.001435	1.123277	.9930096	.9798272	.9639635	2.468683
#2	1.007150	1.127051	.9931368	.9762118	.9706176	2.463955
#3	.977997	1.087957	.9638574	.9506300	.9380277	2.452666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5247752	.5083086	.4816262	10.46229	.5353160	.4869084
Stddev	.0012884	.0040138	.0084050	.01135	.0021032	.0085700
%RSD	.2455178	.7896461	1.745133	.1085000	.3928896	1.760094

#1	.5261811	.5084746	.4841884	10.45478	.5329026	.4899365
#2	.5236508	.5042144	.4884519	10.47535	.5362874	.4935533
#3	.5244937	.5122369	.4722382	10.45675	.5367578	.4772354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5257490	5.474461	.5275485	5.993081	.4968235	.4792550
Stddev	.0022168	.025977	.0018267	.044156	.0087998	.0022016
%RSD	.4216420	.4745038	.3462591	.7367784	1.771209	.4593743

#1	.5250524	5.445908	.5273739	6.021520	.5002669	.4778598
#2	.5282304	5.480782	.5258154	5.942213	.5033809	.4781122
#3	.5239641	5.496694	.5294562	6.015510	.4868227	.4817930

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.830990	.5405222	.9346484	9.709292	F -.000754	F .0011868
Stddev	.063983	.0010568	.0183193	.091397	.001956	.0013428
%RSD	.6508289	.1955119	1.960024	.9413393	259.3889	113.1467

#1	9.862635	.5393544	.9256508	9.802536	-.003001	.0024865
#2	9.757351	.5407995	.9225678	9.619860	.000567	-.000195
#3	9.872985	.5414127	.9557268	9.705479	.000172	.001269

Sample Name: ICV Acquired: 3/31/2017 15:55:21 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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 -.000275	-.004647	-.000754	F -.000933	-.000247	.0033484
Stddev	.000048	.003215	.000489	.000484	.000658	.0004483
%RSD	17.49538	69.17594	64.91339	51.92167	266.4042	13.38940

#1	-.000294	-.001654	-.000717	-.001064	-.000886	.0037532
#2	-.000220	-.008045	-.000284	-.000397	.000429	.0034257
#3	-.000311	-.004242	-.001261	-.001338	-.000283	.0028665

Elem	Sr4077
Units	ppm
Avg	.0122566
Stddev	.0000137
%RSD	.1120527

#1	.0122522
#2	.0122721
#3	.0122457

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1312.819	2022.128	39965.13	8307.426	3903.109
Stddev	6.623	37.111	154.73	27.202	70.500
%RSD	.5044977	1.835221	.3871724	.3274441	1.806242

#1	1307.045	1996.340	40037.45	8297.676	3860.339
#2	1311.363	2005.383	39787.47	8338.159	3864.509
#3	1320.049	2064.660	40070.45	8286.442	3984.479

Sample Name: ICB Acquired: 3/31/2017 16:10:28 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	-.003633	-.000186	-.001100	.0008443	.0001959	.0085445	-.002736
Stddev	.000669	.001274	.001598	.0005767	.0017485	.0036413	.000569
%RSD	18.41285	684.1857	145.3052	68.30523	892.3241	42.61610	20.77933

#1	-.004186	-.000083	-.001653	.0002620	-.001384	.0077820	-.003369
#2	-.003823	-.001509	-.002348	.0014152	.002075	.0053448	-.002571
#3	-.002889	.001033	.000701	.0008558	-.000103	.0125068	-.002269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000321	.0001168	.0042495	-.000513	-.000044	.0011671	.0097368
Stddev	.0000719	.0000086	.0059207	.000092	.000013	.0015278	.0060221
%RSD	224.2195	7.398629	139.3271	18.01641	29.47725	130.9036	61.84954

#1	.0000300	.0001070	.0069816	-.000547	-.000032	-.000103	.0166828
#2	-.000039	.0001199	.0083107	-.000409	-.000043	.002862	.0059797
#3	.000105	.0001234	-.002544	-.000584	-.000058	.000742	.0065477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001218	-.001166	-.000056	.0003141	-.089022	-.003303	-.001222
Stddev	.0003484	.021481	.000074	.0001701	.077549	.000428	.001897
%RSD	286.0829	1842.107	131.9386	54.16355	87.11260	12.95932	155.3177

#1	.0004848	.017298	-.000128	.0004433	-.053433	-.003367	.000919
#2	-.000210	-.024742	.000020	.0001213	-.177977	-.003696	-.001887
#3	.000090	.003946	-.000060	.0003777	-.035654	-.002847	-.002696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.184020	-.001132	-.001951	.0000741	-.000106	-.003203	-.000191
Stddev	.021099	.001450	.000567	.0001529	.001456	.000782	.000206
%RSD	11.46581	128.0518	29.07379	206.2581	1369.197	24.40862	108.1272

#1	-.166348	-.002769	-.002251	-.000086	-.001277	-.002494	-.000346
#2	-.207380	-.000010	-.001297	.000219	.001524	-.004041	.000043
#3	-.178330	-.000618	-.002304	.000090	-.000566	-.003072	-.000270

Sample Name: ICB Acquired: 3/31/2017 16:10:28 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.0007245	-.000034	-.000048
Stddev	.0006641	.001376	.000042
%RSD	91.66908	4012.366	87.67114

#1	.0003103	.001490	-.000006
#2	.0014905	-.000407	-.000089
#3	.0003727	-.001186	-.000047

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.814	2002.970	40715.76	8255.125	4049.477
Stddev	34.375	8.230	878.85	46.090	15.892
%RSD	2.604519	.4108666	2.158508	.5583178	.3924361

#1	1297.324	1994.773	40177.17	8203.725	4038.787
#2	1359.384	2011.232	41729.92	8292.775	4067.738
#3	1302.735	2002.906	40240.18	8268.875	4041.905

Sample Name: ICSA Acquired: 3/31/2017 16:14:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	-.001390	-.009178	.0006169	-.003701	.0005936	250.2615
Stddev	.002887	.001578	.0019780	.000534	.0018083	.9509
%RSD	207.6766	17.18917	320.6372	14.43593	304.6119	.3799476

#1	-.003455	-.009534	.0022473	-.003848	.0008217	251.0089
#2	-.002623	-.007453	.0011869	-.004146	.0022771	249.1912
#3	.001908	-.010547	-.001584	-.003109	-.001318	250.5842

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039261	.0011704	.0026270	248.6131	.0474116	.0003818
Stddev	.0006680	.0000912	.0000680	1.2310	.0002316	.0000107
%RSD	17.01336	7.790905	2.588021	.4951529	.4885700	2.801428

#1	.0036344	.0012752	.0025485	249.2849	.0471677	.0003942
#2	.0046903	.0011090	.0026645	247.1923	.0474385	.0003752
#3	.0034536	.0011270	.0026680	249.3620	.0476286	.0003761

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198752	102.8672	.0111714	262.4653	.0026071	-.004848
Stddev	.0015828	.7475	.0005829	1.9370	.0003249	.000359
%RSD	7.963796	.7267118	5.217782	.7379865	12.46097	7.402393

#1	.0186002	103.4625	.0115661	263.2802	.0023000	-.004907
#2	.0193787	102.0282	.0105019	260.2540	.0025742	-.004463
#3	.0216468	103.1110	.0114463	263.8616	.0029472	-.005174

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2653295	-.003045	.0061349	-.290744	-.014514	F -.032495
Stddev	.1237508	.002870	.0067445	.045824	.002698	.000972
%RSD	46.64043	94.25131	109.9361	15.76094	18.58943	2.990882

#1	.2257170	-.002615	.0007996	-.328868	-.012077	-.032897
#2	.4040365	-.000414	.0038894	-.303460	-.014052	-.031386
#3	.1662349	-.006105	.0137157	-.239905	-.017413	-.033201

Sample Name: ICSA Acquired: 3/31/2017 16:14:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.0000415	.0214122	-.006316	-.003512	-.000709	.0023509
Stddev	.0001047	.0032840	.001067	.002394	.001044	.0007229
%RSD	252.3289	15.33714	16.88766	68.17718	147.1960	30.75058

#1	-.000051	.0247912	-.006045	-.001836	-.001482	.0017944
#2	.000020	.0182322	-.007492	-.006254	.000478	.0020903
#3	.000155	.0212133	-.005411	-.002446	-.001123	.0031680

Elem	Sr4077
Units	ppm
Avg	.1030347
Stddev	.0003957
%RSD	.3840360

#1	.1033716
#2	.1025990
#3	.1031335

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.640	1826.576	36379.77	8105.492	3161.580
Stddev	29.528	26.604	650.37	82.254	38.269
%RSD	2.473804	1.456487	1.787718	1.014788	1.210437

#1	1162.993	1795.869	35718.18	8050.705	3118.063
#2	1221.905	1842.684	37018.30	8200.075	3189.987
#3	1196.023	1841.176	36402.81	8065.696	3176.690

Sample Name: ICSAB Acquired: 3/31/2017 16:24:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.0949103	.0960925	.0467577	.0406890	.5801154	250.1578
Stddev	.0053377	.0006194	.0015284	.0016848	.0087171	1.0897
%RSD	5.623926	.6445429	3.268735	4.140684	1.502658	.4356012

#1	.0896271	.0955671	.0475543	.0397000	.5799468	250.8095
#2	.1003008	.0967754	.0449955	.0426344	.5714838	250.7640
#3	.0948029	.0959349	.0477231	.0397327	.5889157	248.8998

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5204595	.5066863	.9836642	248.2602	.5678288	.4891914
Stddev	.0025490	.0033679	.0151151	.9291	.0116707	.0069801
%RSD	.4897566	.6646961	1.536614	.3742407	2.055326	1.426867

#1	.5229322	.5030380	.9799769	247.3063	.5587158	.4881880
#2	.5206058	.5096768	.9707339	249.1623	.5637877	.4827672
#3	.5178405	.5073441	1.000282	248.3120	.5809830	.4966189

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5273077	102.2419	.5051728	260.4764	.9837045	.1934525
Stddev	.0037359	.4760	.0032070	.7260	.0156832	.0032803
%RSD	.7084934	.4655252	.6348289	.2787153	1.594299	1.695668

#1	.5254924	101.7991	.5018287	260.5110	.9796768	.1911095
#2	.5316045	102.7452	.5054674	261.1845	.9704280	.1920465
#3	.5248264	102.1814	.5082224	259.7337	1.001009	.1972014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3742652	.5165528	.9695421	-.505034	-.015511	F -.033726
Stddev	.0870602	.0068958	.0239333	.019938	.001749	.003343
%RSD	23.26163	1.334970	2.468517	3.947846	11.27362	9.912496

#1	.2738062	.5242374	.9583739	-.527305	-.014618	-.036698
#2	.4277319	.5109044	.9532343	-.488846	-.014389	-.030106
#3	.4212574	.5145166	.9970182	-.498951	-.017526	-.034375

Sample Name: ICSAB Acquired: 3/31/2017 16:24:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	-.000704	.0130434	-.007022	-.002046	-.001192	.0005252
Stddev	.000403	.0026735	.000423	.001789	.000202	.0003239
%RSD	57.24293	20.49685	6.022790	87.47045	16.93713	61.68152

#1	-.001164	.0144924	-.007505	-.000066	-.001128	.0004310
#2	-.000533	.0099582	-.006844	-.003547	-.001417	.0002588
#3	-.000414	.0146796	-.006717	-.002524	-.001029	.0008858

Elem	Sr4077
Units	ppm
Avg	.1031590
Stddev	.0007116
%RSD	.6897974

#1	.1036645
#2	.1034672
#3	.1023453

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.928	1828.913	35982.23	8175.927	3186.940
Stddev	19.635	26.767	575.52	37.041	41.155
%RSD	1.669709	1.463554	1.599445	.4530549	1.291353

#1	1176.866	1829.064	36228.93	8153.497	3186.720
#2	1195.077	1855.604	36393.28	8155.603	3228.204
#3	1155.842	1802.071	35324.49	8218.681	3145.896

Sample Name: CCV021 Acquired: 3/31/2017 16:28:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.197649	4.991056	25.12062	5.135480	5.181593	402.6883	10.65499
Stddev	.080725	.078910	.39894	.086565	.091635	.7200	.03683
%RSD	1.553115	1.581021	1.588109	1.685624	1.768472	.1787998	.3456144

#1	5.223077	5.011250	25.19760	5.145895	5.191812	402.8890	10.67679
#2	5.262599	5.057907	25.47546	5.216367	5.267690	403.2866	10.67570
#3	5.107271	4.904012	24.68880	5.044179	5.085277	401.8892	10.61247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5311911	2.586812	398.1240	15.67331	2.548680	15.87810	404.4932
Stddev	.0006525	.038516	1.5051	.05020	.041500	.03810	.5111
%RSD	.1228361	1.488927	.3780561	.3202851	1.628313	.2399697	.1263626

#1	.5308030	2.594450	397.8235	15.72329	2.553720	15.90439	405.0143
#2	.5319444	2.620936	399.7567	15.67375	2.587431	15.89551	404.4727
#3	.5308258	2.545049	396.7918	15.62289	2.504890	15.83440	403.9926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40106	415.5711	2.555828	1.287298	394.5444	2.622839	15.47214
Stddev	.03111	.9450	.043368	.003414	.8934	.002265	.07602
%RSD	.2020128	.2274052	1.696839	.2651872	.2264309	.0863532	.4913214

#1	15.39366	416.6190	2.565319	1.287114	395.0515	2.620327	15.39657
#2	15.43521	415.3111	2.593665	1.290800	395.0688	2.624726	15.47125
#3	15.37431	414.7834	2.508500	1.283980	393.5129	2.623464	15.54860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.2325	5.257013	5.104543	5.137370	5.286599	5.204788	5.116001
Stddev	.2302	.080938	.010072	.083162	.101262	.007406	.080729
%RSD	.1419149	1.539627	.1973234	1.618765	1.915453	.1422867	1.577978

#1	162.4605	5.285463	5.106861	5.160404	5.322283	5.210928	5.136284
#2	162.2368	5.319885	5.113254	5.206586	5.365188	5.206872	5.184654
#3	162.0001	5.165691	5.093513	5.045118	5.172325	5.196563	5.027064

Sample Name: CCV021 Acquired: 3/31/2017 16:28:32 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV021 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.241359	5.628576	5.241206
Stddev	.012374	.025349	.004381
%RSD	.2360781	.4503625	.0835834

#1	5.234347	5.655021	5.237564
#2	5.255646	5.626218	5.239988
#3	5.234084	5.604488	5.246068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1055.625	1606.796	34047.47	7731.894	2715.666
Stddev	1.760	25.786	196.91	17.840	42.841
%RSD	.1667515	1.604818	.5783421	.2307382	1.577562

#1	1056.691	1598.299	33829.76	7715.428	2701.877
#2	1056.591	1586.330	34099.50	7729.408	2681.418
#3	1053.593	1635.758	34213.14	7750.848	2763.704

Sample Name: CCB021 Acquired: 3/31/2017 16:32:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002964	-.000519	.0005497	-.002136	.0016140	.0146534	-.001928
Stddev	.000232	.002240	.0006542	.000763	.0006458	.0024722	.000218
%RSD	7.822275	431.9623	119.0148	35.72871	40.00893	16.87117	11.32644

#1	-.002893	-.000933	-.000065	-.002165	.0008820	.0162116	-.001709
#2	-.003222	.001900	.001237	-.002884	.0021028	.0118028	-.001930
#3	-.002775	-.002522	.000476	-.001358	.0018573	.0159456	-.002146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000508	.0001041	.0022915	.0002186	-.000044	.0016866	.0127032
Stddev	.0000516	.0000885	.0029789	.0006088	.000167	.0018117	.0028781
%RSD	101.7042	85.00062	129.9950	278.4970	379.2519	107.4179	22.65648

#1	.0001089	.0000304	.0008622	.0006846	.000148	.0008558	.0124065
#2	.0000333	.0002022	.0057157	.0004415	-.000134	.0037648	.0099850
#3	.0000102	.0000797	.0002967	-.000470	-.000146	.0004393	.0157182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002653	.0269189	.0002043	.0004282	-.159308	-.001811	.0023690
Stddev	.0001544	.0143485	.0002809	.0000241	.036896	.001345	.0046074
%RSD	58.21219	53.30255	137.4614	5.625063	23.16040	74.29613	194.4864

#1	.0003547	.0404139	-.000119	.0004519	-.155958	-.001572	.0033818
#2	.0003543	.0118472	.000392	.0004037	-.124201	-.003260	.0063857
#3	.0000870	.0284957	.000340	.0004291	-.197765	-.000601	-.002661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.137740	-.001164	.0006965	.0001658	.0010101	-.002423	-.001058
Stddev	.052184	.001107	.0003734	.0002485	.0024320	.000748	.000430
%RSD	37.88577	95.13594	53.60729	149.8445	240.7680	30.86766	40.62174

#1	-.126579	.000110	.0011270	.0003490	.0033393	-.003280	-.000845
#2	-.092039	-.001894	.0005032	.0002655	.0012042	-.001900	-.001553
#3	-.194600	-.001707	.0004594	-.000117	-.001513	-.002089	-.000777

Sample Name: CCB021 Acquired: 3/31/2017 16:32:27 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB021 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011786	.0009728	.0000742
Stddev	.0003510	.0005036	.0000169
%RSD	29.77999	51.76970	22.74996

#1	.0009068	.0004187	.0000559
#2	.0010542	.0010970	.0000891
#3	.0015749	.0014026	.0000777

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1341.065	2038.085	41087.60	8348.075	4112.003
Stddev	7.889	10.280	167.72	10.393	16.284
%RSD	.5882270	.5044047	.4081930	.1244975	.3960114

#1	1344.402	2026.855	41124.96	8336.775	4095.420
#2	1332.057	2040.369	40904.35	8357.225	4112.618
#3	1346.737	2047.031	41233.49	8350.225	4127.971

Sample Name: PB97969BL Acquired: 3/31/2017 16:36:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	-.001941	-.001591	-.000911	-.000771	.0003833	.0108540	-.002294
Stddev	.002175	.001254	.000619	.001178	.0005002	.0045704	.000588
%RSD	112.0313	78.83453	67.89999	152.7146	130.4943	42.10761	25.63179

#1	.000252	-.002442	-.000380	-.001302	.0009064	.0075548	-.002698
#2	-.004098	-.000151	-.000763	-.001590	-.000090	.0160708	-.002565
#3	-.001979	-.002181	-.001591	.000579	.000334	.0089365	-.001620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000066	.0001210	-.003156	-.000039	.0000146	.0011760	.0138900
Stddev	.0000416	.0000236	.008981	.000294	.0000452	.0015022	.0058856
%RSD	631.5034	19.49811	284.5731	745.6322	309.6708	127.7367	42.37259

#1	.0000544	.0001185	-.013503	-.000316	.0000299	-.000235	.0155622
#2	-.000021	.0001457	.002610	.000269	.0000502	.002756	.0073493
#3	-.000014	.0000987	.001426	-.000071	-.000036	.001007	.0187585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	-.001304	.0004846	.0002382	-.174761	-.003824	.0049028
Stddev	.000643	.015201	.0000939	.0002015	.096418	.001802	.0049705
%RSD	853.4046	1165.911	19.38765	84.59473	55.17117	47.11079	101.3819

#1	.000619	.015821	.0005697	.0002429	-.274185	-.003499	.0083376
#2	-.000194	-.013203	.0005003	.0004373	-.081662	-.005767	-.000797
#3	-.000650	-.006529	.0003838	.0000344	-.168435	-.002208	.007168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.135042	-.003526	-.001914	.0000031	-.000938	-.002208	-.000061
Stddev	.036343	.000532	.000686	.0000445	.002285	.000631	.000181
%RSD	26.91266	15.08551	35.83458	1452.758	243.6507	28.59813	295.2817

#1	-.155579	-.003882	-.002252	.0000469	.000930	-.001508	.000087
#2	-.093079	-.003781	-.001125	.0000045	-.000258	-.002379	-.000263
#3	-.156467	-.002914	-.002365	-.000042	-.003485	-.002736	-.000008

Sample Name: PB97969BL Acquired: 3/31/2017 16:36:38 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.0009318	-.001144	-.000058
Stddev	.0005833	.000274	.000030
%RSD	62.59665	23.93879	52.00726

#1	.0003115	-.000961	-.000091
#2	.0010148	-.001013	-.000052
#3	.0014692	-.001459	-.000032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1331.665	2021.931	40711.27	8166.100	4081.666
Stddev	12.321	14.372	263.75	39.805	19.049
%RSD	.9252539	.7108085	.6478596	.4874439	.4666849

#1	1323.716	2015.214	40490.46	8191.500	4073.313
#2	1325.421	2012.147	40640.04	8120.225	4068.221
#3	1345.858	2038.432	41003.33	8186.575	4103.464

Sample Name: PB97969BS Acquired: 3/31/2017 16:40:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.0201124	.0531072	.0197470	.0706058	.1170036	.4129520
Stddev	.0009103	.0004828	.0003524	.0024979	.0019334	.0027016
%RSD	4.525916	.9090286	1.784406	3.537853	1.652412	.6542073

#1	.0200209	.0536120	.0197984	.0694647	.1163649	.4117251
#2	.0210650	.0526501	.0200709	.0734705	.1191756	.4160493
#3	.0192514	.0530594	.0193718	.0688823	.1154704	.4110816

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4129846	.0109189	.0101009	10.05276	.0222261	.0955424
Stddev	.0013991	.0000963	.0001984	.04929	.0007491	.0014535
%RSD	.3387830	.8819030	1.964112	.4903612	3.370262	1.521289

#1	.4119019	.0109715	.0100481	10.05454	.0221997	.0950954
#2	.4124875	.0108078	.0103204	10.00261	.0229880	.0971669
#3	.4145644	.0109775	.0099343	10.10115	.0214906	.0943650

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543493	.2328142	.0313665	10.27488	.0799140	.0188696
Stddev	.0005769	.0043783	.0014008	.04977	.0012824	.0003349
%RSD	1.061472	1.880577	4.465980	.4844009	1.604741	1.774868

#1	.0538989	.2282992	.0302098	10.26503	.0793934	.0185840
#2	.0541493	.2331018	.0329240	10.23077	.0813748	.0192382
#3	.0549995	.2370415	.0309656	10.32884	.0789737	.0187866

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04251	.1054921	.1114677	9.612368	.0242126	F .0194415
Stddev	.07822	.0010942	.0076578	.035765	.0005566	.0008084
%RSD	.7788603	1.037243	6.869945	.3720764	2.298664	4.158039

#1	10.10364	.1048008	.1026589	9.587861	.0244210	.0202001
#2	9.95437	.1067537	.1152040	9.595834	.0246349	.0195331
#3	10.06952	.1049219	.1165401	9.653409	.0235819	.0185912

Sample Name: PB97969BS Acquired: 3/31/2017 16:40:50 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) 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	.0216131	.1771667	.2090383	F .0131079	.2105825	.0988817
Stddev	.0004792	.0064691	.0021506	.0012883	.0016391	.0001800
%RSD	2.217186	3.651394	1.028797	9.828186	.7783777	.1820278

#1	.0215303	.1765235	.2068450	.0116425	.2094380	.0986762
#2	.0221283	.1839334	.2091264	.0140621	.2098493	.0990113
#3	.0211807	.1710433	.2111435	.0136191	.2124603	.0989576

Elem	Sr4077
Units	ppm
Avg	.2133679
Stddev	.0004620
%RSD	.2165080

#1	.2129019
#2	.2138257
#3	.2133761

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.020	1983.742	40026.09	8276.775	3877.905
Stddev	4.840	26.441	199.66	33.011	51.191
%RSD	.3694314	1.332899	.4988319	.3988380	1.320065

#1	1311.583	1987.264	39849.47	8275.174	3886.920
#2	1304.593	1955.716	39986.07	8310.557	3822.805
#3	1313.886	2008.246	40242.74	8244.593	3923.989

Sample Name: I2344-01 Acquired: 3/31/2017 16:44:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187155	-.008371	.1259782	-.004221	.0048446	104.4318	.7235222
Stddev	.0046315	.000835	.0021203	.002022	.0006419	.1193	.0005497
%RSD	24.74692	9.972960	1.683096	47.91284	13.24889	.1142327	.0759737

#1	.0148443	-.007795	.1244296	-.002356	.0049064	104.5128	.7241565
#2	.0238466	-.007989	.1283948	-.006370	.0041741	104.2948	.7232251
#3	.0174557	-.009329	.1251101	-.003937	.0054534	104.4878	.7231850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087469	.0094073	47.58788	.1638253	.1049526	.1520812	220.3624
Stddev	.0000939	.0003124	.12561	.0007219	.0004279	.0025922	.4336
%RSD	1.073107	3.320692	.2639556	.4406298	.4076841	1.704512	.1967582

#1	.0086632	.0097399	47.46180	.1630756	.1054000	.1517263	220.0450
#2	.0087292	.0093619	47.58882	.1645157	.1049104	.1496847	220.1857
#3	.0088484	.0091201	47.71302	.1638845	.1045473	.1548326	220.8564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.853956	20.40771	.1227797	-.011615	2.378686	.3011845	2.530199
Stddev	.002069	.04512	.0007093	.000233	.082022	.0021589	.033571
%RSD	.0724953	.2210791	.5776964	2.007080	3.448191	.7168089	1.326802

#1	2.852797	20.42348	.1231098	-.011362	2.283976	.2990898	2.564698
#2	2.852727	20.44282	.1232639	-.011821	2.425737	.3010613	2.497641
#3	2.856345	20.35682	.1219656	-.011663	2.426345	.3034024	2.528258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.745522	6.207654	-.048179	-.000751	4.537359	9.929980	.0064185
Stddev	.015121	.015364	.002337	.000074	.015355	.043151	.0009387
%RSD	.1728985	.2475009	4.851219	9.876206	.3384215	.4345516	14.62567

#1	8.743955	6.225178	-.050439	-.000760	4.550445	9.882174	.0065513
#2	8.761366	6.201287	-.048326	-.000673	4.541178	9.966047	.0054204
#3	8.731246	6.196497	-.045771	-.000820	4.520455	9.941717	.0072837

Sample Name: I2344-01 Acquired: 3/31/2017 16:44:59 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.507826	.0924718	.1575239
Stddev	.005860	.0011592	.0002141
%RSD	.2336586	1.253568	.1359226

#1	2.508398	.0926471	.1576611
#2	2.501701	.0935334	.1576335
#3	2.513379	.0912349	.1572772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.149	2231.460	45576.73	9986.068	3536.386
Stddev	6.711	6.144	191.85	31.652	8.435
%RSD	.4543207	.2753498	.4209472	.3169602	.2385093

#1	1469.405	2237.751	45389.66	10022.37	3538.839
#2	1480.779	2225.473	45567.51	9971.56	3526.997
#3	1481.263	2231.157	45773.03	9964.27	3543.323

Sample Name: I2344-02 Acquired: 3/31/2017 16:49:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192716	-.007015	.1283306	-.004598	.0061590	104.1353	.7223795
Stddev	.0050686	.001325	.0012984	.002744	.0011318	.0678	.0005006
%RSD	26.30095	18.89269	1.011790	59.67246	18.37600	.0650850	.0692958

#1	.0206696	-.005514	.1270251	-.001444	.0058736	104.0945	.7218381
#2	.0234945	-.007503	.1296219	-.005918	.0074062	104.0978	.7228255
#3	.0136507	-.008026	.1283449	-.006432	.0051973	104.2135	.7224750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086211	.0096149	47.24619	.1625448	.1050271	.1541193	219.4107
Stddev	.0001405	.0001652	.17229	.0004796	.0011072	.0022908	.6198
%RSD	1.630036	1.717938	.3646674	.2950597	1.054255	1.486403	.2824793

#1	.0084894	.0094355	47.06161	.1619935	.1037493	.1514961	218.7254
#2	.0086049	.0096486	47.40277	.1627745	.1056268	.1557258	219.9320
#3	.0087690	.0097607	47.27418	.1628663	.1057050	.1551359	219.5747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.834518	20.39307	.1233642	-.011225	2.426136	.2979971	2.460170
Stddev	.009303	.06238	.0011076	.000147	.116796	.0020803	.028459
%RSD	.3281902	.3059053	.8978053	1.309740	4.814091	.6980881	1.156803

#1	2.824097	20.37686	.1220896	-.011065	2.550547	.2984286	2.486959
#2	2.837470	20.34038	.1239112	-.011256	2.318844	.2957349	2.430293
#3	2.841986	20.46195	.1240919	-.011354	2.409018	.2998278	2.463258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.697053	6.237020	-.050135	-.000674	4.553125	9.910550	.0045976
Stddev	.033180	.059767	.001931	.000238	.038250	.073219	.0010779
%RSD	.3815058	.9582572	3.850984	35.33175	.8400718	.7388019	23.44561

#1	8.658763	6.169189	-.049161	-.000889	4.509668	9.831476	.0058415
#2	8.715047	6.281949	-.052358	-.000716	4.568026	9.976001	.0039370
#3	8.717348	6.259922	-.048885	-.000418	4.581682	9.924174	.0040142

Sample Name: I2344-02 Acquired: 3/31/2017 16:49:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.498237	.0927570	.1572330
Stddev	.005704	.0008884	.0002259
%RSD	.2283086	.9577257	.1436955

#1	2.491727	.0937580	.1569903
#2	2.500633	.0924506	.1574372
#3	2.502353	.0920624	.1572716

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.043	2210.304	45602.90	9941.252	3512.803
Stddev	18.861	15.978	161.72	45.904	24.616
%RSD	1.280398	.7228843	.3546309	.4617520	.7007492

#1	1466.805	2228.616	45695.11	9993.807	3541.093
#2	1494.232	2203.100	45697.43	9909.007	3501.044
#3	1458.091	2199.197	45416.16	9920.941	3496.271

Sample Name: I2344-03 Acquired: 3/31/2017 16:53:06 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059016	.1152695	.1683425	.0982341	.2129501	105.1648	5.225656
Stddev	.0023651	.0023607	.0011737	.0033849	.0016385	1.3340	.057697
%RSD	2.233337	2.047979	.6972255	3.445767	.7694304	1.268447	1.104103

#1	.1037383	.1176255	.1688181	.0968943	.2137373	106.1414	5.271074
#2	.1084268	.1152789	.1670056	.1020838	.2110666	103.6450	5.160736
#3	.1055396	.1129042	.1692038	.0957241	.2140465	105.7081	5.245159

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1145861	.1265189	45.70711	.6186253	1.303705	.6915044	215.0941
Stddev	.0022978	.0007967	.47316	.0308931	.009999	.0075314	2.3770
%RSD	2.005302	.6297060	1.035189	4.993824	.7669477	1.089133	1.105102

#1	.1166992	.1268595	45.90102	.6542926	1.304066	.6963465	216.4928
#2	.1121400	.1270887	45.16780	.6013083	1.313519	.6828274	212.3495
#3	.1149191	.1256085	46.05251	.6002751	1.293531	.6953394	216.4399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.850229	19.73322	1.329932	.0843171	2.355151	1.438554	3.471506
Stddev	.039397	.25290	.011380	.0035381	.036342	.021325	.132647
%RSD	1.023248	1.281593	.8556898	4.196184	1.543084	1.482381	3.821025

#1	3.883859	19.87652	1.331702	.0884025	2.328844	1.449024	3.624673
#2	3.806882	19.44121	1.340323	.0822603	2.339991	1.414018	3.395458
#3	3.859946	19.88192	1.317771	.0822885	2.396619	1.452620	3.394388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.413220	6.000219	-.049872	-.001403	4.366760	9.663585	.0047260
Stddev	.124743	.034494	.003698	.000222	.019830	.151634	.0014359
%RSD	1.482702	.5748785	7.415015	15.83772	.4541013	1.569132	30.38319

#1	8.492781	6.011366	-.053662	-.001637	4.362259	9.806544	.0047827
#2	8.269452	6.027762	-.049681	-.001194	4.388453	9.504555	.0061328
#3	8.477426	5.961530	-.046273	-.001380	4.349568	9.679655	.0032626

Sample Name: I2344-03 Acquired: 3/31/2017 16:53:06 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.426009	.0901872	.1524472
Stddev	.030756	.0017066	.0017087
%RSD	1.267749	1.892243	1.120843

#1	2.447067	.0917052	.1536439
#2	2.390714	.0883400	.1504904
#3	2.440245	.0905164	.1532075

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.886	2222.013	44267.60	10021.93	3554.695
Stddev	49.606	13.151	1610.15	105.60	22.244
%RSD	3.469210	.5918431	3.637305	1.053654	.6257617

#1	1372.716	2222.898	42412.56	9968.33	3552.101
#2	1455.399	2208.443	45086.94	10143.58	3533.861
#3	1461.543	2234.700	45303.29	9953.88	3578.122

Sample Name: I2344-01LX5 Acquired: 3/31/2017 16:57:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017282	-.001712	.0228958	-.000528	.0003437	19.64905	.1383828
Stddev	.0024524	.000929	.0009341	.002378	.0005920	.48006	.0034657
%RSD	141.9038	54.27888	4.079853	450.2184	172.2147	2.443160	2.504459

#1	.0022848	-.001641	.0233816	.000035	.0006892	20.00729	.1406426
#2	.0038546	-.002675	.0218189	.001518	-.000340	19.83626	.1401133
#3	-.000955	-.000821	.0234869	-.003137	.000682	19.10359	.1343926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018575	.0014367	9.238948	.0323898	.0175651	.0320400	43.55516
Stddev	.0001088	.0000278	.252945	.0004625	.0001738	.0016461	1.01922
%RSD	5.855922	1.933322	2.737807	1.428029	.9893442	5.137692	2.340075

#1	.0018892	.0014163	9.388400	.0322078	.0175447	.0331904	44.27386
#2	.0019468	.0014684	9.381545	.0320459	.0174024	.0327751	44.00292
#3	.0017363	.0014255	8.946900	.0329156	.0177482	.0301544	42.38870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5669324	3.982144	.0209225	-.002142	.4479237	.0549049	.4696596
Stddev	.0140774	.077657	.0005282	.000142	.1294362	.0009938	.0069095
%RSD	2.483086	1.950137	2.524696	6.650635	28.89693	1.810074	1.471174

#1	.5737851	4.023737	.0212183	-.002081	.3651556	.0550264	.4660638
#2	.5762714	4.030146	.0203127	-.002040	.3815310	.0538559	.4776255
#3	.5507407	3.892549	.0212366	-.002305	.5970844	.0558324	.4652896

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.481376	1.031411	-.015465	-.000237	.7634346	1.165232	.0011324
Stddev	.083126	.002533	.000517	.000191	.0013243	.021758	.0005974
%RSD	5.611388	.2456144	3.344482	80.64215	.1734696	1.867302	52.75325

#1	1.484016	1.028486	-.016045	-.000454	.7643742	1.180310	.0011404
#2	1.563151	1.032854	-.015298	-.000093	.7619199	1.175099	.0017258
#3	1.396962	1.032894	-.015052	-.000165	.7640096	1.140289	.0005311

Sample Name: I2344-01LX5 Acquired: 3/31/2017 16:57:04 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACH1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4714700	.0164312	.0305481
Stddev	.0124100	.0002662	.0008155
%RSD	2.632186	1.620240	2.669639

#1	.4805080	.0166629	.0311439
#2	.4765813	.0161404	.0308817
#3	.4573206	.0164903	.0296187

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.243	2051.344	41248.55	8618.383	3889.137
Stddev	5.261	8.916	74.76	179.717	7.360
%RSD	.3881774	.4346308	.1812314	2.085270	.1892385

#1	1357.448	2041.049	41263.33	8504.700	3880.639
#2	1349.239	2056.505	41167.51	8524.875	3893.339
#3	1359.043	2056.478	41314.81	8825.575	3893.433

Sample Name: I2344-04 Acquired: 3/31/2017 17:01:10 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284613	-.007907	.0980756	-.006403	.0058271	134.2754	2.313456
Stddev	.0038009	.003776	.0009097	.003809	.0015198	.0696	.001848
%RSD	13.35473	47.74700	.9275636	59.49435	26.08108	.0518463	.0798875

#1	.0326798	-.007235	.0976291	-.010279	.0040733	134.2039	2.312581
#2	.0274010	-.011974	.0991223	-.006266	.0066511	134.2794	2.312208
#3	.0253031	-.004513	.0974754	-.002664	.0067569	134.3429	2.315579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113861	.0121303	24.50479	.2593851	.1056111	.2035439	316.8333
Stddev	.0000989	.0001860	.06707	.0010968	.0010470	.0007803	.1583
%RSD	.8684131	1.533591	.2736856	.4228584	.9913361	.3833574	.0499580

#1	.0112845	.0123239	24.54717	.2588573	.1067808	.2036424	316.6737
#2	.0114819	.0121141	24.53973	.2606460	.1052905	.2027190	316.9902
#3	.0113920	.0119529	24.42747	.2586519	.1047619	.2042703	316.8361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.534184	29.99732	.2042473	-.015550	3.439535	.3384782	.4918987
Stddev	.009632	.12228	.0015717	.000270	.035918	.0037156	.0031952
%RSD	.2124404	.4076507	.7695225	1.735424	1.044258	1.097743	.6495657

#1	4.527229	29.87256	.2055903	-.015807	3.480693	.3341969	.4907985
#2	4.545178	30.11697	.2046331	-.015269	3.423384	.3403765	.4954986
#3	4.530144	30.00241	.2025187	-.015573	3.414528	.3408613	.4893989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.690255	4.539222	-.084716	.0002479	.8704749	12.56670	.0054487
Stddev	.041626	.029724	.002881	.0002377	.0066529	.05388	.0020549
%RSD	.5412833	.6548297	3.400562	95.87466	.7642867	.4287328	37.71438

#1	7.647133	4.564120	-.086433	.0000143	.8770251	12.52175	.0038230
#2	7.693430	4.547234	-.086324	.0002400	.8706760	12.62642	.0047647
#3	7.730204	4.506313	-.081390	.0004894	.8637238	12.55194	.0077584

Sample Name: I2344-04 Acquired: 3/31/2017 17:01:10 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.029682	.1248242	.5150554
Stddev	.001515	.0008787	.0004008
%RSD	.0375874	.7039455	.0778147

#1	4.029370	.1242136	.5151728
#2	4.031328	.1258312	.5146090
#3	4.028347	.1244277	.5153843

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.878	2300.116	47228.80	10288.73	3504.827
Stddev	7.102	9.806	120.23	19.66	18.901
%RSD	.4648390	.4263252	.2545749	.1910776	.5392918

#1	1535.753	2292.998	47343.35	10310.34	3489.207
#2	1521.957	2296.049	47239.44	10271.92	3499.437
#3	1525.925	2311.301	47103.60	10283.92	3525.838

Sample Name: I2344-05 Acquired: 3/31/2017 17:05:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277884	-.010963	.1231040	-.005230	.0037730	121.9242	1.540923
Stddev	.0031112	.000992	.0040267	.000876	.0023807	.0658	.000446
%RSD	11.19609	9.051087	3.271000	16.74120	63.09849	.0539338	.0289142

#1	.0282063	-.012087	.1262177	-.005867	.0036594	121.9139	1.540744
#2	.0306696	-.010596	.1245375	-.004232	.0062086	121.8643	1.541430
#3	.0244894	-.010207	.1185566	-.005592	.0014512	121.9946	1.540595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108152	.0111146	20.50270	.1930910	.1533837	.1804630	258.5986
Stddev	.0000880	.0003723	.09084	.0004272	.0025841	.0014514	.2701
%RSD	.8134404	3.349413	.4430509	.2212496	1.684728	.8042409	.1044447

#1	.0108176	.0113316	20.60759	.1935583	.1551829	.1813709	258.2888
#2	.0107260	.0113274	20.45140	.1929942	.1545456	.1787891	258.7846
#3	.0109019	.0106847	20.44913	.1927205	.1504226	.1812289	258.7225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.918342	26.44648	.2019516	-.012938	1.504639	.2896405	.4721422
Stddev	.023944	.05851	.0033567	.000233	.101365	.0023524	.0012993
%RSD	.3023815	.2212582	1.662112	1.798136	6.736804	.8121646	.2752014

#1	7.897701	26.39193	.2036381	-.013039	1.438930	.2890144	.4708840
#2	7.912732	26.43921	.2041307	-.013104	1.453610	.2876645	.4734791
#3	7.944592	26.50828	.1980861	-.012672	1.621378	.2922425	.4720635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.750931	4.855788	-.068285	.0015697	.5442352	6.704797	.0069034
Stddev	.023704	.070612	.002350	.0000358	.0105145	.017517	.0007722
%RSD	.3058217	1.454180	3.442146	2.278542	1.931984	.2612633	11.18594

#1	7.748084	4.881636	-.066154	.0015902	.5512819	6.685413	.0069539
#2	7.728779	4.909834	-.070806	.0015906	.5492742	6.719494	.0076491
#3	7.775930	4.775894	-.067896	.0015284	.5321495	6.709482	.0061072

Sample Name: I2344-05 Acquired: 3/31/2017 17:05:09 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACH5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.714450	.1293278	.2109239
Stddev	.002037	.0006338	.0001539
%RSD	.0750293	.4900968	.0729459

#1	2.712108	.1287181	.2109496
#2	2.715438	.1292821	.2107588
#3	2.715804	.1299833	.2110633

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1557.648	2355.300	47974.98	10450.85	3561.382
Stddev	10.360	30.553	197.42	17.00	56.430
%RSD	.6651032	1.297202	.4115027	.1626815	1.584489

#1	1546.294	2340.010	47747.67	10442.11	3530.826
#2	1566.588	2335.410	48073.81	10470.44	3526.819
#3	1560.062	2390.479	48103.47	10440.00	3626.500

Sample Name: I2344-06 Acquired: 3/31/2017 17:09:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478245	-.004448	.1652438	-.003426	.0026253	65.14675	.6887508
Stddev	.0014114	.002140	.0029425	.002059	.0008324	2.27320	.0233157
%RSD	2.951138	48.11146	1.780704	60.09799	31.70540	3.489347	3.385218

#1	.0493031	-.005158	.1651219	-.005567	.0016716	63.69933	.6727145
#2	.0476788	-.002043	.1682453	-.001461	.0032052	63.97411	.6780406
#3	.0464917	-.006143	.1623641	-.003248	.0029992	67.76681	.7154973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091893	.0073639	92.03634	.2339465	.1008041	.1159571	202.4702
Stddev	.0001531	.0003179	3.13572	.0017217	.0007118	.0040472	6.7735
%RSD	1.666218	4.317217	3.407041	.7359401	.7061001	3.490208	3.345434

#1	.0092999	.0076267	90.19566	.2350686	.1015189	.1126188	198.9087
#2	.0090146	.0074543	90.25638	.2348066	.1007982	.1147942	198.2204
#3	.0092535	.0070105	95.65698	.2319642	.1000953	.1204584	210.2815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.606085	14.20667	.1120703	-.009380	1.050863	.1889380	.7511321
Stddev	.195341	.53958	.0008097	.000391	.154329	.0059823	.0069785
%RSD	3.484438	3.798062	.7224851	4.167962	14.68590	3.166268	.9290614

#1	5.495147	13.93306	.1130044	-.009551	.887162	.1877407	.7448487
#2	5.491473	13.85871	.1115691	-.009656	1.071731	.1836450	.7586428
#3	5.831635	14.82824	.1116373	-.008932	1.193695	.1954285	.7499047

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.269827	4.874264	-.048178	.0009493	6.506740	5.404829	.0068017
Stddev	.262042	.030654	.001897	.0002943	.053973	.132868	.0005882
%RSD	4.972498	.6289025	3.936587	31.00605	.8294968	2.458322	8.647619

#1	5.088622	4.898444	-.050229	.0012856	6.552259	5.340103	.0070377
#2	5.150574	4.884560	-.047818	.0008237	6.520847	5.316727	.0061321
#3	5.570286	4.839787	-.046488	.0007386	6.447115	5.557657	.0072351

Sample Name: I2344-06 Acquired: 3/31/2017 17:09:07 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACH6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4997106	.0682916	.2241105
Stddev	.0171431	.0023259	.0079382
%RSD	3.430615	3.405907	3.542077

#1	.4873247	.0663304	.2186422
#2	.4925309	.0676831	.2204739
#3	.5192763	.0708613	.2332155

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.694	2222.194	45701.20	9902.764	3536.514
Stddev	14.029	16.597	259.67	268.772	23.693
%RSD	.9499988	.7468590	.5681909	2.714108	.6699537

#1	1490.394	2205.705	45982.64	10051.70	3517.372
#2	1462.359	2221.980	45470.91	10064.10	3529.156
#3	1477.328	2238.896	45650.04	9592.50	3563.013

Sample Name: I2344-07 Acquired: 3/31/2017 17:13:07 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0291193	-.010138	.1728616	-.001623	.0042156	127.5036	1.361914
Stddev	.0016540	.001349	.0005124	.001465	.0018230	.1328	.002279
%RSD	5.680204	13.30322	.2964281	90.31054	43.24351	.1041799	.1673245

#1	.0276969	-.009655	.1731311	-.001171	.0057550	127.3591	1.364110
#2	.0309343	-.011662	.1731831	-.003261	.0022026	127.6204	1.362072
#3	.0287268	-.009098	.1722707	-.000436	.0046891	127.5312	1.359561

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104425	.0098751	28.27545	.2115457	.1470415	.1956215	206.4535
Stddev	.0000590	.0001511	.12801	.0035692	.0006261	.0020451	.7874
%RSD	.5651420	1.529993	.4527226	1.687187	.4258161	1.045442	.3813863

#1	.0104910	.0097934	28.29565	.2156585	.1473332	.1979437	205.6240
#2	.0103768	.0100495	28.39216	.2097182	.1474685	.1948322	206.5459
#3	.0104597	.0097825	28.13854	.2092604	.1463227	.1940887	207.1906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.817412	23.02992	.1631769	-.011918	1.660431	.3983294	.4415134
Stddev	.022964	.00749	.0006951	.000055	.114607	.0036118	.0031933
%RSD	.3368382	.0325178	.4259870	.4593202	6.902257	.9067393	.7232649

#1	6.791948	23.03384	.1639018	-.011858	1.778860	.3947643	.4399424
#2	6.836549	23.03464	.1631130	-.011931	1.652360	.4019862	.4394100
#3	6.823739	23.02129	.1625159	-.011965	1.550073	.3982378	.4451879

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.321990	5.853121	-.049411	.0022202	3.159484	10.52823	.0009597
Stddev	.028632	.014110	.000174	.0001928	.017496	.00484	.0005638
%RSD	.3071428	.2410702	.3522086	8.682271	.5537481	.0459701	58.75008

#1	9.352028	5.841698	-.049606	.0024249	3.143984	10.52951	.0006250
#2	9.318932	5.868894	-.049356	.0021935	3.178455	10.52288	.0016107
#3	9.295009	5.848771	-.049272	.0020421	3.156013	10.53230	.0006434

Sample Name: I2344-07 Acquired: 3/31/2017 17:13:07 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.592203	.1068407	.2881871
Stddev	.000682	.0001360	.0010501
%RSD	.0121917	.1273208	.3643685

#1	5.591847	.1068735	.2893934
#2	5.592989	.1069574	.2874776
#3	5.591772	.1066913	.2876904

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1674.039	2532.258	52023.26	11356.60	3503.587
Stddev	10.506	8.214	136.25	51.81	12.309
%RSD	.6275905	.3243841	.2618977	.4562320	.3513198

#1	1685.502	2534.061	52071.42	11416.33	3502.246
#2	1664.867	2523.292	52128.89	11323.71	3492.003
#3	1671.750	2539.421	51869.47	11329.77	3516.511

Sample Name: I2344-08 Acquired: 3/31/2017 17:17:08 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432972	-.007242	.1650878	-.003451	.0036929	101.9032	1.277986
Stddev	.0023911	.001021	.0043174	.001724	.0013785	.1738	.001648
%RSD	5.522583	14.09538	2.615215	49.96490	37.32806	.1705201	.1289539

#1	.0420898	-.008415	.1603951	-.001720	.0031367	102.0977	1.279573
#2	.0417506	-.006760	.1659769	-.003466	.0026794	101.7634	1.278100
#3	.0460513	-.006552	.1688915	-.005168	.0052626	101.8483	1.276283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126256	.0092108	43.82692	.1593546	.1447459	.1410224	219.7002
Stddev	.0000596	.0002321	.06916	.0009495	.0010947	.0009116	.6680
%RSD	.4719766	2.519844	.1578025	.5958107	.7562706	.6464293	.3040671

#1	.0126369	.0091372	43.79269	.1596210	.1439269	.1400412	219.2486
#2	.0126788	.0090244	43.78155	.1583004	.1443216	.1418431	219.3843
#3	.0125612	.0094708	43.90652	.1601423	.1459892	.1411829	220.4676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.523575	13.55090	.1821145	-.010557	1.000830	.1852340	.3399945
Stddev	.029781	.03444	.0018465	.000313	.060157	.0012154	.0077295
%RSD	.3127048	.2541794	1.013915	2.966827	6.010660	.6561368	2.273429

#1	9.495561	13.55120	.1811904	-.010836	.937777	.1859422	.3488047
#2	9.520310	13.51632	.1809124	-.010219	1.057596	.1838306	.3368264
#3	9.554854	13.58520	.1842405	-.010617	1.007118	.1859292	.3343523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.715241	5.316183	-.056126	-.000123	1.834360	7.274422	.0089368
Stddev	.012408	.038060	.002482	.000057	.015733	.026387	.0013562
%RSD	.2170950	.7159363	4.422269	46.34566	.8576871	.3627411	15.17497

#1	5.702299	5.286451	-.053340	-.000188	1.817071	7.244578	.0088304
#2	5.716389	5.303021	-.058102	-.000099	1.838173	7.284024	.0103429
#3	5.727034	5.359078	-.056934	-.000082	1.847836	7.294664	.0076369

Sample Name: I2344-08 Acquired: 3/31/2017 17:17:08 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1773464	.1456147	.1214513
Stddev	.0004665	.0003846	.0002980
%RSD	.2630675	.2641197	.2453399

#1	.1770186	.1460154	.1216062
#2	.1771400	.1455801	.1216398
#3	.1778805	.1452486	.1211077

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1655.003	2522.516	51154.75	11217.07	3573.932
Stddev	6.643	6.205	168.33	29.99	17.095
%RSD	.4013890	.2459940	.3290674	.2673285	.4783197

#1	1656.879	2527.038	51259.34	11247.08	3586.726
#2	1660.506	2525.067	51244.33	11187.11	3580.553
#3	1647.624	2515.441	50960.56	11217.01	3554.517

Sample Name: I2344-09 Acquired: 3/31/2017 17:21:09 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1463147	-.006539	.4169675	-.007888	.0088936	52.17196	.7869297
Stddev	.0029376	.000116	.0009512	.004445	.0015242	.28971	.0067344
%RSD	2.007736	1.773833	.2281245	56.35273	17.13831	.5552963	.8557836

#1	.1430794	-.006542	.4179840	-.011047	.0077505	52.17477	.7851734
#2	.1488150	-.006653	.4160990	-.009811	.0083063	52.46026	.7943683
#3	.1470498	-.006421	.4168193	-.002805	.0106241	51.88086	.7812474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121554	.0127355	415.9407	.9043121	.2086618	.1196454	354.5281
Stddev	.0001047	.0001138	2.5143	.0036957	.0013681	.0010546	1.2960
%RSD	.8609319	.8932330	.6044899	.4086702	.6556412	.8814088	.3655603

#1	.0120822	.0128466	414.1321	.9027530	.2093835	.1208628	353.4517
#2	.0122753	.0127406	418.8119	.9085318	.2095179	.1190618	355.9667
#3	.0121087	.0126192	414.8782	.9016515	.2070840	.1190117	354.1658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.21712	23.28276	.1232738	-.016711	1.654436	.3585936	.2640308
Stddev	.08646	.11759	.0004744	.000236	.089353	.0003286	.0044875
%RSD	.5331125	.5050527	.3848023	1.410637	5.400826	.0916408	1.699608

#1	16.12443	23.19694	.1233386	-.016983	1.683300	.3589365	.2591465
#2	16.29557	23.41680	.1237124	-.016578	1.725790	.3585629	.2679715
#3	16.23138	23.23455	.1227703	-.016571	1.554219	.3582814	.2649743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.327512	7.378033	-.102194	.0065734	1.753780	6.981469	.0046891
Stddev	.018100	.043963	.002637	.0000544	.016092	.069314	.0014968
%RSD	1.363423	.5958654	2.580242	.8281973	.9175618	.9928226	31.91995

#1	1.313608	7.409195	-.099891	.0065620	1.762773	6.911465	.0055951
#2	1.347977	7.397157	-.101621	.0066326	1.763366	7.050071	.0055108
#3	1.320951	7.327746	-.105071	.0065255	1.735202	6.982871	.0029615

Sample Name: I2344-09 Acquired: 3/31/2017 17:21:09 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACJ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4749054	.0551268	.4839366
Stddev	.0039804	.0009212	.0040043
%RSD	.8381428	1.671120	.8274441

#1	.4717359	.0547449	.4817395
#2	.4793727	.0561776	.4885585
#3	.4736075	.0544580	.4815118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.263	2054.987	42746.91	9382.302	3217.320
Stddev	4.125	7.546	151.07	54.598	12.480
%RSD	.3037305	.3672067	.3533996	.5819298	.3878976

#1	1354.540	2047.438	42588.93	9435.640	3207.023
#2	1362.699	2054.995	42761.84	9326.525	3213.739
#3	1357.550	2062.530	42889.96	9384.740	3231.200

Sample Name: I2344-10 Acquired: 3/31/2017 17:25:11 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782484	-.004337	.2508481	-.002038	.0038239	64.51715	.6012559
Stddev	.0036693	.000887	.0049206	.000412	.0015410	.61194	.0066737
%RSD	4.689228	20.44356	1.961590	20.19337	40.29925	.9484942	1.109961

#1	.0821061	-.004891	.2461487	-.001701	.0026089	64.08081	.5960521
#2	.0748023	-.004805	.2504320	-.001918	.0055573	64.25398	.5989354
#3	.0778370	-.003314	.2559635	-.002497	.0033056	65.21665	.6087800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071665	.0082268	340.8542	.2278215	.0939706	.1372528	209.7291
Stddev	.0000354	.0002048	3.0120	.0076379	.0012407	.0020703	1.9917
%RSD	.4942800	2.490069	.8836668	3.352597	1.320289	1.508358	.9496700

#1	.0071701	.0080497	338.3071	.2302908	.0925492	.1352434	207.9930
#2	.0071295	.0081796	340.0768	.2192543	.0945266	.1371360	209.2908
#3	.0072001	.0084511	344.1787	.2339192	.0948360	.1393790	211.9034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.562074	49.71978	.1082270	-.010139	1.222315	.2180658	1.817980
Stddev	.089369	.48557	.0014833	.000588	.022147	.0029019	.036945
%RSD	1.043773	.9766061	1.370538	5.803270	1.811906	1.330720	2.032210

#1	8.490316	49.23041	.1065400	-.010592	1.237132	.2188862	1.832256
#2	8.533728	49.72749	.1088141	-.009474	1.232957	.2148420	1.776027
#3	8.662178	50.20145	.1093268	-.010350	1.196855	.2204691	1.845657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.618659	5.202643	-.039601	.0009521	8.107570	6.969683	.0043771
Stddev	.033709	.064558	.001500	.0000707	.106190	.175570	.0016931
%RSD	.7298398	1.240877	3.788383	7.423413	1.309768	2.519051	38.68124

#1	4.582287	5.128710	-.041327	.0010299	7.986038	6.810850	.0027333
#2	4.624841	5.231352	-.038876	.0008918	8.154236	6.939995	.0042824
#3	4.648849	5.247867	-.038602	.0009347	8.182437	7.158204	.0061156

Sample Name: I2344-10 Acquired: 3/31/2017 17:25:11 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4402002	.0885545	.5531363
Stddev	.0041013	.0007960	.0047738
%RSD	.9316837	.8988189	.8630483

#1	.4378248	.0880757	.5491672
#2	.4378398	.0881146	.5518082
#3	.4449359	.0894734	.5584336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.850	2022.219	41880.44	9264.881	3289.542
Stddev	31.585	17.460	948.74	52.055	30.170
%RSD	2.343349	.8633833	2.265344	.5618513	.9171520

#1	1333.045	2039.776	41368.81	9313.521	3322.923
#2	1384.118	2022.023	42975.17	9271.145	3281.482
#3	1326.388	2004.859	41297.33	9209.978	3264.220

Sample Name: I2344-11 Acquired: 3/31/2017 17:29:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0837799	-.006151	.2405865	-.003751	.0052098	71.17857	.5872708
Stddev	.0038566	.004059	.0032124	.001072	.0012007	1.97312	.0153025
%RSD	4.603295	65.98582	1.335229	28.57605	23.04604	2.772068	2.605701

#1	.0819676	-.006240	.2432194	-.003509	.0042942	68.91905	.5696257
#2	.0882088	-.002049	.2415329	-.004922	.0065692	72.56158	.5969040
#3	.0811632	-.010165	.2370073	-.002820	.0047661	72.05507	.5952825

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076370	.0100684	507.2422	.2121787	.1075216	.1461222	224.5611
Stddev	.0001098	.0004582	14.2633	.0056582	.0011203	.0035925	6.7736
%RSD	1.437368	4.550379	2.811927	2.666700	1.041911	2.458538	3.016395

#1	.0075428	.0105759	491.2233	.2164984	.1073369	.1420278	216.8214
#2	.0076107	.0099440	518.5665	.2057739	.1087228	.1487465	229.4080
#3	.0077575	.0096853	511.9367	.2142639	.1065052	.1475922	227.4539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.717071	62.43966	.1435954	.0023255	1.374047	.2078605	2.212432
Stddev	.277720	1.84139	.0018769	.0005018	.106703	.0054767	.028273
%RSD	3.185937	2.949068	1.307051	21.57694	7.765623	2.634801	1.277909

#1	8.399693	60.35203	.1437655	.0017948	1.274383	.2017241	2.209734
#2	8.915531	63.83286	.1453813	.0027922	1.486616	.2122528	2.185604
#3	8.835990	63.13408	.1416392	.0023895	1.361142	.2096044	2.241957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.412584	6.193414	-.048371	.0003747	13.15968	5.283588	.0028531
Stddev	.174543	.048383	.001722	.0001979	.11120	.105177	.0007201
%RSD	3.224766	.7812003	3.559576	52.80253	.8449944	1.990627	25.24063

#1	5.211623	6.211345	-.047420	.0002912	13.22482	5.163279	.0020232
#2	5.526340	6.230271	-.047334	.0002323	13.22294	5.329375	.0032229
#3	5.499790	6.138625	-.050358	.0006007	13.03128	5.358109	.0033131

Sample Name: I2344-11 Acquired: 3/31/2017 17:29:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3671241	.1304423	.9287136
Stddev	.0104789	.0032969	.0264539
%RSD	2.854320	2.527492	2.848442

#1	.3554114	.1266411	.8981697
#2	.3756102	.1321613	.9443148
#3	.3703509	.1325244	.9436564

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.150	2007.659	41643.88	9362.674	3138.207
Stddev	15.430	12.833	549.91	225.536	25.723
%RSD	1.142836	.6392239	1.320516	2.408889	.8196855

#1	1339.323	2002.643	41130.34	9620.329	3127.865
#2	1367.818	1998.091	42224.09	9201.027	3119.264
#3	1343.310	2022.243	41577.21	9266.665	3167.492

Sample Name: I2344-12 Acquired: 3/31/2017 17:33:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298872	-.005475	.2576083	-.008669	.0108608	161.8606	.6113835
Stddev	.0017611	.002870	.0031246	.004112	.0019762	.2881	.0009113
%RSD	5.892597	52.42132	1.212928	47.43576	18.19548	.1779929	.1490618

#1	.0283265	-.007984	.2608041	-.012568	.0096081	162.1915	.6123806
#2	.0317966	-.002345	.2545601	-.004372	.0098353	161.7241	.6111763
#3	.0295385	-.006097	.2574608	-.009067	.0131389	161.6661	.6105936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122944	.0150583	65.04962	.2479680	.1324251	.3477194	442.5094
Stddev	.0002088	.0002771	.32780	.0047190	.0013820	.0005964	.9776
%RSD	1.698316	1.840224	.5039306	1.903060	1.043584	.1715282	.2209114

#1	.0123270	.0152039	65.37108	.2454232	.1338405	.3481438	443.6380
#2	.0120713	.0147388	64.71581	.2534132	.1310792	.3479769	441.9607
#3	.0124850	.0152323	65.06196	.2450677	.1323557	.3470375	441.9295

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.391425	25.63196	.1914977	-.019930	1.923650	.5007366	1.504558
Stddev	.019109	.01859	.0018471	.000700	.149371	.0029824	.018085
%RSD	.4351388	.0725224	.9645578	3.510710	7.764967	.5956066	1.202003

#1	4.410902	25.65316	.1918099	-.020129	2.056824	.4979159	1.493498
#2	4.390667	25.62425	.1895145	-.020510	1.762142	.5004361	1.525428
#3	4.372707	25.61847	.1931689	-.019153	1.951985	.5038580	1.494749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.989600	3.311110	-.130928	.0030375	.5210971	7.329082	.0209778
Stddev	.017966	.036130	.004407	.0004976	.0062872	.064910	.0009443
%RSD	.4503126	1.091175	3.365979	16.38035	1.206534	.8856536	4.501598

#1	3.971940	3.347950	-.134929	.0035267	.5247494	7.391739	.0220642
#2	3.989003	3.275735	-.126204	.0025320	.5138373	7.262132	.0203536
#3	4.007857	3.309644	-.131651	.0030540	.5247046	7.333373	.0205156

Sample Name: I2344-12 Acquired: 3/31/2017 17:33:13 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACH8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7287074	.1424666	.1413038
Stddev	.0025743	.0016363	.0001122
%RSD	.3532667	1.148561	.0794106

#1	.7314537	.1430821	.1411763
#2	.7263493	.1437058	.1413474
#3	.7283192	.1406117	.1413876

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1420.620	2158.454	43964.11	9623.331	3465.699
Stddev	18.445	19.938	663.25	59.202	36.042
%RSD	1.298366	.9237349	1.508627	.6151946	1.039959

#1	1423.589	2141.337	44248.44	9561.925	3431.728
#2	1400.870	2180.347	43206.09	9680.051	3503.505
#3	1437.399	2153.680	44437.80	9628.017	3461.865

Sample Name: I2344-13 Acquired: 3/31/2017 17:37:14 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415024	-.004147	.3303525	-.008114	.0095480	142.0530	.4599014
Stddev	.0044531	.002586	.0017753	.002469	.0013264	2.2986	.0081478
%RSD	10.72971	62.36036	.5374089	30.43114	13.89136	1.618096	1.771630

#1	.0422439	-.001735	.3312897	-.005301	.0109756	139.5306	.4508739
#2	.0367251	-.006878	.3283049	-.009113	.0093146	142.5988	.4621209
#3	.0455383	-.003829	.3314628	-.009926	.0083538	144.0295	.4667095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109120	.0173149	229.8506	.2422830	.1196431	.2481130	394.6909
Stddev	.0001103	.0003970	3.9934	.0003107	.0005386	.0070327	5.9298
%RSD	1.010464	2.292694	1.737373	.1282554	.4501360	2.834478	1.502384

#1	.0107901	.0177688	225.2610	.2422389	.1202437	.2409012	387.9856
#2	.0110048	.0170324	231.7598	.2426134	.1192032	.2484860	396.8431
#3	.0109412	.0171437	232.5310	.2419966	.1194823	.2549518	399.2441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.937872	35.69138	.1642564	-.018602	1.863674	.4291550	12.75358
Stddev	.047243	.56802	.0002242	.000348	.211378	.0036500	.13276
%RSD	1.608079	1.591470	.1364955	1.873333	11.34200	.8505020	1.040974

#1	2.884275	35.05927	.1642358	-.019004	1.674202	.4270394	12.65956
#2	2.955870	35.85588	.1640432	-.018408	1.825159	.4270559	12.69572
#3	2.973472	36.15899	.1644902	-.018393	2.091662	.4333696	12.90545

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.256330	3.336339	-.115902	-.002255	3.439600	17.36169	.0114965
Stddev	.105241	.005528	.002126	.000379	.008366	.23953	.0003176
%RSD	1.682152	.1656914	1.834693	16.78751	.2432352	1.379647	2.762544

#1	6.136999	3.340642	-.113512	-.002236	3.429987	17.08570	.0111305
#2	6.296099	3.338271	-.117584	-.002644	3.445231	17.51533	.0117004
#3	6.335891	3.330104	-.116609	-.001887	3.443583	17.48406	.0116585

Sample Name: I2344-13 Acquired: 3/31/2017 17:37:14 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACH9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3695816	.1585715	.3306610
Stddev	.0061549	.0029281	.0054532
%RSD	1.665375	1.846550	1.649192

#1	.3633011	.1557525	.3244779
#2	.3698410	.1583641	.3327205
#3	.3756027	.1615977	.3347846

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.347	2091.251	43316.66	9509.519	3302.245
Stddev	9.154	3.040	87.24	132.522	3.584
%RSD	.6569504	.1453637	.2014113	1.393575	.1085234

#1	1395.918	2087.892	43412.09	9662.497	3301.338
#2	1400.941	2092.049	43296.91	9429.820	3299.202
#3	1383.183	2093.812	43240.98	9436.239	3306.195

Sample Name: I2344-14 Acquired: 3/31/2017 17:41:17 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433239	-.001553	.2175851	-.005418	.0068823	158.7738	.3665201
Stddev	.0080507	.001528	.0012197	.000771	.0012557	.7908	.0024473
%RSD	18.58267	98.38355	.5605740	14.22997	18.24530	.4980391	.6677235

#1	.0451585	-.000957	.2189410	-.006188	.0079727	158.1013	.3668388
#2	.0502989	-.003289	.2165771	-.005421	.0055094	158.5753	.3639290
#3	.0345141	-.000413	.2172372	-.004646	.0071647	159.6450	.3687924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113684	.0165925	72.27578	.2127214	.1078608	.2829778	423.0725
Stddev	.0001895	.0001878	.22130	.0004899	.0009135	.0015653	.7809
%RSD	1.666836	1.131723	.3061825	.2302936	.8469195	.5531564	.1845880

#1	.0113887	.0164725	72.19743	.2128076	.1073015	.2817858	422.1713
#2	.0111696	.0168089	72.10432	.2131624	.1089149	.2847505	423.5496
#3	.0115469	.0164960	72.52560	.2121941	.1073659	.2823971	423.4967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.668205	16.04429	.1724770	-.018736	1.915859	.3466763	2.214777
Stddev	.003946	.08778	.0017357	.000240	.017059	.0012108	.037455
%RSD	.1478733	.5471172	1.006319	1.283165	.8903858	.3492659	1.691136

#1	2.664400	15.94564	.1705816	-.019006	1.931134	.3454197	2.193456
#2	2.667938	16.11379	.1728606	-.018655	1.897452	.3467737	2.258024
#3	2.672278	16.07343	.1739887	-.018546	1.918992	.3478355	2.192849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.741308	3.396808	-.117528	-.001033	1.108009	18.47460	.0132144
Stddev	.007666	.026676	.001225	.000374	.006516	.05780	.0012686
%RSD	.1616839	.7853300	1.041965	36.21776	.5880933	.3128607	9.600120

#1	4.737231	3.367309	-.118810	-.000780	1.101347	18.50289	.0126759
#2	4.736542	3.419237	-.117405	-.001463	1.114369	18.51280	.0123039
#3	4.750151	3.403879	-.116370	-.000857	1.108311	18.40810	.0146634

Sample Name: I2344-14 Acquired: 3/31/2017 17:41:17 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACJ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2094399	.1748386	.1796961
Stddev	.0005012	.0025105	.0010765
%RSD	.2393090	1.435926	.5990663

#1	.2090447	.1721681	.1789335
#2	.2092712	.1751970	.1792273
#3	.2100036	.1771507	.1809275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.723	2107.987	42952.90	9313.831	3461.788
Stddev	5.099	11.655	174.54	14.718	23.667
%RSD	.3661304	.5529031	.4063532	.1580206	.6836700

#1	1394.646	2121.227	43017.44	9319.580	3487.827
#2	1386.942	2099.279	42755.28	9297.106	3441.586
#3	1396.582	2103.453	43085.98	9324.806	3455.949

Sample Name: I2344-15 Acquired: 3/31/2017 17:45:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6299030	-.001713	.4682846	.0141327	.1624915	18.10693
Stddev	.0061659	.001508	.0046007	.0021112	.0042828	.05205
%RSD	.9788607	88.03939	.9824666	14.93817	2.635727	.2874786

#1	.6359100	-.003452	.4708124	.0119280	.1641926	18.16465
#2	.6302093	-.000786	.4710672	.0143341	.1656625	18.06355
#3	.6235897	-.000900	.4629742	.0161358	.1576195	18.09258

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.624210	.0028582	.5030475	737.9249	7.204280	.6201574
Stddev	.010090	.0000655	.0046316	1.0632	.084283	.0051386
%RSD	.6212549	2.292724	.9207047	.1440850	1.169907	.8286011

#1	1.635503	.0028063	.5059170	736.8410	7.171584	.6221842
#2	1.616079	.0028364	.5055213	738.9662	7.300012	.6239735
#3	1.621049	.0029318	.4977043	737.9674	7.141242	.6143144

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.99749	136.7055	2.039963	351.6105	F 7.552694	.0091847
Stddev	.14122	.4550	.007367	1.1310	.073996	.0002451
%RSD	.3716437	.3328426	.3611142	.3216668	.9797295	2.668678

#1	38.15312	136.1844	2.032221	350.3065	7.572404	.0089505
#2	37.87754	137.0241	2.040784	352.3255	7.614839	.0094394
#3	37.96182	136.9081	2.046886	352.1994	7.470839	.0091642

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.087762	.2415341	1.192778	5.801110	2.210358	.0015162
Stddev	.159264	.0023516	.015788	.007015	.023629	.0011935
%RSD	7.628440	.9736238	1.323655	.1209262	1.068997	78.71638

#1	1.966409	.2426316	1.188406	5.793369	2.215826	.0001598
#2	2.268104	.2388344	1.210292	5.807046	2.230773	.0024054
#3	2.028771	.2431364	1.179637	5.802914	2.184474	.0019834

Sample Name: I2344-15 Acquired: 3/31/2017 17:45:20 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACG7 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170207	1.538111	8.748079	-.000283	.6088780	.0313563
Stddev	.0000865	.014580	.044181	.000648	.0025113	.0000564
%RSD	.5081394	.9479440	.5050351	228.8819	.4124526	.1798519

#1	.0171070	1.545180	8.721335	.000168	.6116354	.0313403
#2	.0170213	1.547810	8.799074	.000009	.6067218	.0314189
#3	.0169340	1.521344	8.723827	-.001025	.6082768	.0313096

Elem	Sr4077
Units	ppm
Avg	.4835502
Stddev	.0011691
%RSD	.2417797

#1	.4848164
#2	.4833227
#3	.4825116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1163.699	1743.001	37384.60	8281.015	2971.324
Stddev	11.458	18.299	328.60	26.496	28.420
%RSD	.9846147	1.049830	.8789727	.3199632	.9564763

#1	1170.088	1742.444	37555.51	8310.270	2967.845
#2	1150.471	1724.987	37005.77	8258.631	2944.804
#3	1170.538	1761.571	37592.52	8274.145	3001.323

Sample Name: I2344-16 Acquired: 3/31/2017 17:49:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5383347	-.009864	4.733438	.0080365	.0793576	1.815486
Stddev	.0081176	.001084	.030478	.0029039	.0010287	.018148
%RSD	1.507905	10.99195	.6438826	36.13454	1.296297	.9996129

#1	.5296157	-.010703	4.713379	.0090632	.0805280	1.795273
#2	.5397142	-.008640	4.718425	.0047586	.0785969	1.830379
#3	.5456741	-.010248	4.768510	.0102876	.0789478	1.820808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319311	.0025853	.0403253	F 1881.286	.0440678	.1171236
Stddev	.0001254	.0000548	.0002712	15.787	.0011422	.0014485
%RSD	.3927201	2.120925	.6724947	.8391630	2.591895	1.236730

#1	.0317907	.0025378	.0405040	1863.397	.0450364	.1155586
#2	.0319709	.0025728	.0400133	1887.191	.0443588	.1173952
#3	.0320318	.0026453	.0404586	1893.268	.0428083	.1184171

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.206930	175.4228	4.207717	F 1163.720	.1216929	-.009991
Stddev	.001706	.3954	.021646	4.338	.0008502	.000106
%RSD	.1413723	.2253906	.5144390	.3727526	.6986207	1.060224

#1	1.205347	175.1805	4.191526	1160.696	.1219777	-.010018
#2	1.206707	175.2089	4.199321	1161.774	.1207369	-.010080
#3	1.208737	175.8790	4.232303	1168.690	.1223641	-.009874

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.209167	.3081104	3.225853	-.959031	1.649699	-.044063
Stddev	.003967	.0064027	.057153	.017117	.009139	.002744
%RSD	.3280616	2.078044	1.771712	1.784807	.5539704	6.226519

#1	1.213083	.3007207	3.258464	-.973059	1.653825	-.046706
#2	1.205151	.3120028	3.259234	-.964074	1.639224	-.044254
#3	1.209267	.3116076	3.159860	-.939959	1.656046	-.041228

Sample Name: I2344-16 Acquired: 3/31/2017 17:49:20 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360364	.7232387	2.272903	.0012758	.0188310	.0126483
Stddev	.0003797	.0041206	.009899	.0016486	.0003967	.0006536
%RSD	1.053532	.5697402	.4355261	129.2229	2.106384	5.167641

#1	.0356635	.7209064	2.264028	-.000108	.0188592	.0131224
#2	.0364225	.7208132	2.271102	.003100	.0184211	.0129198
#3	.0360234	.7279964	2.283579	.000835	.0192129	.0119027

Elem	Sr4077
Units	ppm
Avg	.2628169
Stddev	.0005939
%RSD	.2259567

#1	.2621922
#2	.2628844
#3	.2633742

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1090.774	1636.411	34657.28	8084.563	2446.798
Stddev	10.120	9.565	132.78	42.359	8.902
%RSD	.9277398	.5844945	.3831158	.5239468	.3638403

#1	1090.445	1647.357	34661.09	8106.897	2454.809
#2	1080.822	1629.663	34522.64	8111.081	2448.371
#3	1101.053	1632.213	34788.11	8035.711	2437.213

Sample Name: I2453-06 Acquired: 3/31/2017 17:53:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2736662	-.002221	1.559995	-.002847	.0138495	70.81688	1.117443
Stddev	.0035128	.000461	.003918	.001178	.0009460	.17342	.001860
%RSD	1.283598	20.75997	.2511353	41.38563	6.830362	.2448791	.1664955

#1	.2777026	-.001794	1.564296	-.004059	.0132796	70.95054	1.117250
#2	.2713011	-.002710	1.556629	-.001705	.0133275	70.87918	1.119392
#3	.2719950	-.002158	1.559060	-.002778	.0149415	70.62092	1.115686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187654	.0526177	55.04950	.0854188	.0603031	.5358888	146.6421
Stddev	.0002240	.0001351	.35915	.0007013	.0002456	.0019073	.6499
%RSD	1.193647	.2567117	.6524142	.8210337	.4073199	.3559150	.4431921

#1	.0189781	.0524985	55.33448	.0862106	.0604376	.5379847	147.2218
#2	.0187866	.0525903	55.16793	.0848757	.0604521	.5354266	146.7650
#3	.0185316	.0527644	54.64609	.0851701	.0600196	.5342551	145.9396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.604348	31.35806	.0683239	-.001770	1.058440	.3930961	1.631494
Stddev	.021273	.16285	.0004892	.000149	.107012	.0008481	.024952
%RSD	.5901971	.5193314	.7159977	8.434413	10.11036	.2157373	1.529388

#1	3.623139	31.52872	.0683277	-.001910	1.160578	.3935557	1.617218
#2	3.608652	31.34114	.0678328	-.001788	.947143	.3921174	1.660306
#3	3.581252	31.20433	.0688112	-.001613	1.067599	.3936152	1.616960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.32008	3.481315	-.025274	.0180004	2.014379	4.892096	.0135878
Stddev	.10342	.012389	.000229	.0000849	.007073	.052646	.0003797
%RSD	.5971279	.3558758	.9067623	.4717556	.3511403	1.076153	2.794740

#1	17.32352	3.488444	-.025506	.0180982	2.022478	4.952556	.0136265
#2	17.42174	3.467010	-.025269	.0179576	2.009418	4.867344	.0131902
#3	17.21498	3.488493	-.025047	.0179453	2.011239	4.856386	.0139468

Sample Name: I2453-06 Acquired: 3/31/2017 17:53:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.545026	.0702292	.3548041
Stddev	.004650	.0003260	.0010419
%RSD	.3009801	.4642039	.2936496

#1	1.548696	.0703751	.3555457
#2	1.546584	.0698558	.3552537
#3	1.539796	.0704569	.3536130

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1587.197	2380.637	48762.50	10523.05	3566.433
Stddev	10.427	4.652	65.96	97.69	6.560
%RSD	.6569480	.1954281	.1352704	.9283214	.1839380

#1	1592.582	2377.486	48744.72	10424.99	3560.107
#2	1575.179	2378.444	48707.25	10523.81	3565.987
#3	1593.831	2385.980	48835.53	10620.36	3573.204

Sample Name: I2453-07 Acquired: 3/31/2017 17:57:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2728016	-.002619	1.571805	-.002275	.0146444	70.75726	1.118208
Stddev	.0019748	.004699	.009068	.001592	.0004272	.16052	.002656
%RSD	.7238987	179.4042	.5769399	69.98586	2.917011	.2268670	.2374952

#1	.2715307	-.006841	1.570192	-.004032	.0143537	70.58472	1.115142
#2	.2750767	.002443	1.581571	-.001865	.0144447	70.78487	1.119741
#3	.2717974	-.003459	1.563651	-.000928	.0151349	70.90219	1.119743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186716	.0529263	54.92200	.0860455	.0608148	.5377799	146.4137
Stddev	.0000870	.0001146	.25812	.0005369	.0003718	.0028051	.0863
%RSD	.4657714	.2165053	.4699836	.6239211	.6112765	.5216003	.0589760

#1	.0186617	.0528349	54.88753	.0863760	.0612310	.5380448	146.4737
#2	.0187631	.0530549	54.68284	.0863345	.0605158	.5404431	146.3147
#3	.0185900	.0528891	55.19562	.0854261	.0606974	.5348518	146.4525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.598725	31.23740	.0684976	-.001607	1.143201	.3934679	1.634949
Stddev	.009107	.07812	.0006102	.000084	.034818	.0031323	.025172
%RSD	.2530735	.2500904	.8908026	5.250905	3.045657	.7960871	1.539590

#1	3.594199	31.21417	.0683066	-.001545	1.117023	.3918059	1.616493
#2	3.592767	31.17353	.0691804	-.001572	1.182716	.3970810	1.624733
#3	3.609209	31.32450	.0680057	-.001703	1.129864	.3915169	1.663623

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.30554	3.513571	-.026542	.0180532	2.036127	4.969305	.0139026
Stddev	.02654	.002888	.001969	.0003133	.003196	.006796	.0017353
%RSD	.1533471	.0821914	7.418314	1.735338	.1569756	.1367561	12.48212

#1	17.27664	3.512042	-.024701	.0183736	2.038465	4.965934	.0125117
#2	17.32880	3.516902	-.026306	.0180382	2.037431	4.964854	.0133489
#3	17.31118	3.511769	-.028618	.0177476	2.032485	4.977127	.0158472

Sample Name: I2453-07 Acquired: 3/31/2017 17:57:31 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EW5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.544126	.0697969	.3552407
Stddev	.003182	.0006612	.0006893
%RSD	.2060439	.9472937	.1940315

#1	1.542944	.0690404	.3553201
#2	1.541704	.0700860	.3558869
#3	1.547729	.0702644	.3545152

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.949	2370.505	48863.55	10531.10	3542.004
Stddev	4.710	5.554	160.29	14.41	6.758
%RSD	.2956594	.2343135	.3280341	.1368622	.1907987

#1	1590.813	2365.061	48693.90	10516.78	3538.832
#2	1598.349	2376.164	48884.31	10545.60	3537.416
#3	1589.686	2370.289	49012.45	10530.93	3549.765

Sample Name: I2453-08 Acquired: 3/31/2017 18:01:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3563333	.1135978	1.613818	.0909836	.2090518	75.20655	5.347657
Stddev	.0059956	.0024611	.013783	.0019227	.0014666	.22618	.017419
%RSD	1.682588	2.166538	.8540386	2.113188	.7015527	.3007449	.3257230

#1	.3506068	.1146248	1.612327	.0931929	.2074466	74.99267	5.332376
#2	.3558273	.1107895	1.600842	.0896894	.2093869	75.44330	5.366623
#3	.3625659	.1153791	1.628286	.0900687	.2103218	75.18370	5.343972

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1185166	.1707338	54.94924	.4941038	1.268614	1.041619	148.6003
Stddev	.0004654	.0013135	.21563	.0050986	.008407	.004240	.2352
%RSD	.3926825	.7693526	.3924145	1.031899	.6626580	.4070800	.1582635

#1	.1182309	.1703435	55.14650	.4929170	1.265805	1.036779	148.3356
#2	.1182654	.1696596	54.98219	.4897032	1.261971	1.044682	148.7853
#3	.1190537	.1721982	54.71904	.4996911	1.278065	1.043395	148.6800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.651356	31.42571	1.279059	.0846471	1.013504	1.459896	2.544145
Stddev	.008128	.14528	.008734	.0010953	.013647	.006562	.022677
%RSD	.1747493	.4623112	.6828150	1.294021	1.346559	.4495077	.8913409

#1	4.660434	31.30328	1.277251	.0845560	1.001667	1.452325	2.561851
#2	4.648882	31.58625	1.271371	.0836002	1.010413	1.463963	2.518585
#3	4.644752	31.38759	1.288555	.0857852	1.028432	1.463399	2.551999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.35149	3.517405	-.026550	.0170910	2.003359	6.965445	.0131731
Stddev	.05117	.033234	.002269	.0008721	.018871	.033613	.0014423
%RSD	.2948818	.9448395	8.544866	5.102835	.9419770	.4825749	10.94875

#1	17.29249	3.514922	-.027091	.0172097	2.000736	6.926887	.0115608
#2	17.38364	3.485482	-.024059	.0161656	1.985937	6.988579	.0143406
#3	17.37835	3.551811	-.028498	.0178976	2.023405	6.980868	.0136178

Sample Name: I2453-08 Acquired: 3/31/2017 18:01:32 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.560700	.0701592	.3558870
Stddev	.006473	.0013461	.0010611
%RSD	.4147465	1.918675	.2981481

#1	1.559025	.0686112	.3548532
#2	1.567846	.0708113	.3569734
#3	1.555229	.0710551	.3558344

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1589.583	2374.691	48796.85	10613.02	3545.724
Stddev	10.621	6.327	461.52	22.30	14.576
%RSD	.6681391	.2664458	.9457925	.2100758	.4110816

#1	1579.372	2373.301	48597.72	10587.55	3546.644
#2	1600.570	2381.598	49324.51	10629.04	3559.818
#3	1588.807	2369.174	48468.33	10622.46	3530.710

Sample Name: I2344-15DLX10 Acquired: 3/31/2017 18:09:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0652363	-.001695	.0495355	.0031769	.0176351	1.900402	.1733575
Stddev	.0026793	.001248	.0008683	.0004393	.0002809	.004138	.0002201
%RSD	4.107026	73.63770	1.752860	13.82909	1.592849	.2177178	.1269866

#1	.0682566	-.003028	.0498736	.0033506	.0173739	1.905128	.1736101
#2	.0631456	-.000554	.0501840	.0026773	.0179322	1.897429	.1732561
#3	.0643068	-.001502	.0485491	.0035029	.0175993	1.898650	.1732064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004554	.0517795	79.53261	.8332918	.0627366	4.116499	15.65595
Stddev	.0000126	.0001908	.04487	.0027425	.0004382	.018667	.05096
%RSD	2.768750	.3684390	.0564213	.3291179	.6984702	.4534610	.3254830

#1	.0004509	.0518400	79.53164	.8301830	.0632357	4.138015	15.68660
#2	.0004456	.0515658	79.48824	.8353685	.0624154	4.104614	15.68412
#3	.0004696	.0519326	79.57797	.8343239	.0625586	4.106870	15.59712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2343072	36.90947	.7862635	.0011627	.2573946	.0231007	.1216122
Stddev	.0007886	.14060	.0030040	.0001503	.1161117	.0022950	.0059646
%RSD	.3365737	.3809395	.3820566	12.92916	45.11038	9.934934	4.904624

#1	.2348123	37.00460	.7866240	.0010275	.3056186	.0205390	.1148307
#2	.2333985	36.97585	.7830956	.0011359	.1249417	.0237940	.1239612
#3	.2347109	36.74797	.7890710	.0013246	.3416236	.0249692	.1260447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3353063	.1976527	-.005993	.0014255	.1420708	.9903956	-.002068
Stddev	.0320654	.0041683	.000643	.0000303	.0028056	.0009488	.000618
%RSD	9.563022	2.108888	10.73347	2.127132	1.974770	.0957956	29.87196

#1	.3029882	.1962275	-.006368	.0013910	.1401746	.9903218	-.001370
#2	.3358178	.1943841	-.006361	.0014381	.1452937	.9913791	-.002289
#3	.3671130	.2023467	-.005250	.0014476	.1407442	.9894859	-.002545

Sample Name: I2344-15DLX10 Acquired: 3/31/2017 18:09:31 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACG7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0680037	.0013996	.0530669
Stddev	.0008079	.0013035	.0002635
%RSD	1.187977	93.13555	.4965894

#1	.0689054	.0027522	.0533141
#2	.0673459	.0012950	.0530969
#3	.0677597	.0001515	.0527896

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.918	1930.928	39325.19	8120.020	3702.337
Stddev	3.195	1.681	14.16	27.243	6.562
%RSD	.2474913	.0870698	.0360084	.3355001	.1772521

#1	1287.398	1929.024	39324.34	8089.261	3697.348
#2	1293.633	1931.555	39339.75	8129.694	3709.771
#3	1291.725	1932.206	39311.47	8141.106	3699.892

Sample Name: I2344-16DXL10 Acquired: 3/31/2017 18:13:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDACG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550824	-.002291	.4954501	.0017010	.0083408	.2358255	.0016640
Stddev	.0011261	.000856	.0024799	.0017944	.0010080	.0020283	.0006055
%RSD	2.044406	37.39026	.5005249	105.4919	12.08513	.8600722	36.38886

#1	.0560170	-.003261	.4939104	.0023913	.0095022	.2334837	.0014596
#2	.0553980	-.001969	.4983108	-.000336	.0076942	.2369697	.0023452
#3	.0538322	-.001641	.4941291	.003048	.0078259	.2370232	.0011871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004133	.0037995	218.5560	.0059319	.0109460	.1307662	21.11404
Stddev	.0000325	.0000365	.4145	.0004672	.0002086	.0014248	.01885
%RSD	7.861052	.9614882	.1896730	7.876192	1.905245	1.089560	.0892915

#1	.0004500	.0037667	218.4521	.0055223	.0107896	.1323389	21.12037
#2	.0004018	.0038389	218.2032	.0058327	.0111828	.1303978	21.09284
#3	.0003881	.0037929	219.0126	.0064408	.0108656	.1295618	21.12891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5034526	129.8271	.0120094	-.000736	-.089547	.0346658	.3384161
Stddev	.0032590	.1685	.0001567	.000034	.109512	.0006418	.0115699
%RSD	.6473311	.1297647	1.305179	4.642756	122.2954	1.851440	3.418850

#1	.4997249	130.0080	.0119852	-.000764	.019763	.0347361	.3286878
#2	.5048700	129.6746	.0121768	-.000698	-.089145	.0339917	.3353504
#3	.5057629	129.7987	.0118661	-.000745	-.199260	.0352696	.3512102

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.584290	.1416563	-.011738	.0037087	.0603209	.2599027	-.004380
Stddev	.010125	.0017146	.001026	.0001694	.0021654	.0021333	.001086
%RSD	1.732885	1.210398	8.738816	4.568796	3.589734	.8208128	24.80763

#1	-.572631	.1432747	-.012895	.0039033	.0578214	.2574814	-.003735
#2	-.589375	.1418348	-.011380	.0035934	.0616277	.2615057	-.005634
#3	-.590865	.1398594	-.010939	.0036295	.0615136	.2607210	-.003770

Sample Name: I2344-16DXL10 Acquired: 3/31/2017 18:13:36 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDACG8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028366	-.000539	.0295065
Stddev	.0008950	.000622	.0001558
%RSD	31.55318	115.4782	.5279776

#1	.0032935	-.001257	.0296788
#2	.0018053	-.000204	.0293756
#3	.0034109	-.000156	.0294652

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.429	1852.511	37402.04	7978.116	3409.222
Stddev	13.215	5.745	351.98	20.507	9.193
%RSD	1.086386	.3101271	.9410601	.2570376	.2696604

#1	1228.733	1848.259	37639.09	7958.999	3402.690
#2	1218.095	1850.228	37569.42	7999.776	3405.241
#3	1202.461	1859.047	36997.61	7975.573	3419.735

Sample Name: I2453-06LX5 Acquired: 3/31/2017 18:17:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0593280	-.000460	.2683689	-.001578	.0032978	14.41278	.2269718
Stddev	.0010577	.002102	.0027352	.000770	.0013851	.09124	.0005567
%RSD	1.782804	457.3216	1.019191	48.79200	42.00149	.6330813	.2452805

#1	.0586125	.000839	.2661522	-.000995	.0025617	14.51545	.2275002
#2	.0588286	-.002884	.2675289	-.002451	.0048956	14.38191	.2270247
#3	.0605430	.000667	.2714256	-.001289	.0024362	14.34097	.2263906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040517	.0086782	11.39005	.0174858	.0098630	.1116015	30.91247
Stddev	.0000725	.0001819	.07827	.0006725	.0002109	.0007772	.06143
%RSD	1.789940	2.095978	.6871852	3.845863	2.137939	.6964430	.1987356

#1	.0041112	.0084730	11.47971	.0182583	.0096227	.1124732	30.98049
#2	.0040732	.0088197	11.35509	.0171677	.0100170	.1109807	30.89588
#3	.0039709	.0087418	11.33535	.0170313	.0099494	.1113507	30.86103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7614913	6.465975	.0115220	-.000346	.1878753	.0793865	.3319887
Stddev	.0011617	.083630	.0003938	.000184	.0227315	.0022797	.0065745
%RSD	.1525596	1.293388	3.417684	53.23989	12.09924	2.871692	1.980337

#1	.7628246	6.452885	.0115402	-.000194	.2104528	.0768676	.3393897
#2	.7606962	6.389661	.0111194	-.000294	.1649929	.0799836	.3297524
#3	.7609532	6.555378	.0119064	-.000551	.1881801	.0813082	.3268242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.125439	.5730309	-.009518	.0033072	.3236233	1.591062	.0024250
Stddev	.015724	.0064373	.001143	.0002622	.0063480	.023246	.0008014
%RSD	.5030877	1.123369	12.00597	7.927144	1.961551	1.461038	33.04650

#1	3.136623	.5663399	-.008962	.0035137	.3167463	1.614424	.0023133
#2	3.132234	.5791802	-.010833	.0033958	.3248648	1.590829	.0016853
#3	3.107461	.5735727	-.008760	.0030123	.3292589	1.567933	.0032763

Sample Name: I2453-06LX5 Acquired: 3/31/2017 18:17:43 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EW5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3227581	.0115710	.0733623
Stddev	.0027611	.0003280	.0004246
%RSD	.8554770	2.834579	.5787799

#1	.3258915	.0115473	.0738458
#2	.3206813	.0112555	.0731913
#3	.3217015	.0119102	.0730499

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.471	2078.952	42044.12	8589.967	3914.823
Stddev	9.150	7.182	242.84	54.118	15.918
%RSD	.6599222	.3454675	.5775875	.6300166	.4066186

#1	1376.482	2083.745	41769.46	8528.150	3931.888
#2	1388.484	2082.417	42132.48	8612.950	3912.204
#3	1394.446	2070.695	42230.40	8628.800	3900.377

Sample Name: CCV022 Acquired: 3/31/2017 18:21:49 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.247075	4.919672	24.67049	5.117323	5.162814	409.0648	10.37358
Stddev	.128510	.099524	.46433	.126814	.117845	3.0495	.07108
%RSD	2.449165	2.022982	1.882127	2.478123	2.282582	.7454693	.6852335

#1	5.134023	4.829199	24.28088	5.011415	5.070567	407.7739	10.34286
#2	5.386842	5.026277	25.18428	5.257851	5.295572	412.5474	10.45486
#3	5.220360	4.903541	24.54630	5.082702	5.122304	406.8731	10.32303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5221676	2.560361	397.0744	15.25618	2.530984	15.45644	413.6802
Stddev	.0039428	.047333	2.4358	.02909	.046432	.10333	2.8056
%RSD	.7550809	1.848687	.6134292	.1906716	1.834545	.6685542	.6781977

#1	.5222311	2.519525	394.8303	15.26818	2.491716	15.40312	412.2014
#2	.5260783	2.612239	399.6648	15.22301	2.582232	15.57555	416.9158
#3	.5181935	2.549318	396.7282	15.27735	2.519004	15.39067	411.9233

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44626	420.6373	2.512279	1.240275	409.4445	2.550778	14.87206
Stddev	.11301	3.0904	.043824	.002666	3.8408	.012884	.11313
%RSD	.7316139	.7346917	1.744408	.2149275	.9380453	.5050972	.7606707

#1	15.39228	419.5289	2.476127	1.238595	407.8906	2.546625	14.75991
#2	15.57613	424.1291	2.561020	1.243349	413.8188	2.565227	14.98614
#3	15.37036	418.2540	2.499689	1.238881	406.6243	2.540483	14.87014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.7884	5.260047	5.070988	5.096964	5.209187	5.137601	5.082626
Stddev	1.0450	.112746	.037669	.106880	.120572	.037644	.095129
%RSD	.6540178	2.143436	.7428261	2.096941	2.314608	.7327094	1.871654

#1	159.3658	5.168400	5.073422	5.010438	5.109752	5.138238	5.003733
#2	160.9785	5.385947	5.107381	5.216439	5.343297	5.174922	5.188265
#3	159.0208	5.225794	5.032161	5.064015	5.174511	5.099643	5.055880

Sample Name: CCV022 Acquired: 3/31/2017 18:21:49 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV022 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.144950	5.601652	5.123438
Stddev	.039760	.051821	.021956
%RSD	.7727974	.9251090	.4285433

#1	5.120310	5.604550	5.119545
#2	5.190819	5.651964	5.103689
#3	5.123722	5.548443	5.147080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1062.821	1595.693	34033.88	7629.544	2720.475
Stddev	3.999	6.858	119.84	41.375	9.987
%RSD	.3762834	.4298072	.3521226	.5423018	.3670875

#1	1066.832	1603.601	34072.84	7643.028	2730.588
#2	1058.833	1592.098	34129.39	7583.109	2720.217
#3	1062.797	1591.378	33899.40	7662.495	2710.620

Sample Name: CCB022 Acquired: 3/31/2017 18:25:44 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004843	-.000979	.0006120	.0008242	.0005146	.0094633	-.002402
Stddev	.001516	.001727	.0011383	.0004028	.0008125	.0044835	.000976
%RSD	31.29723	176.2913	186.0018	48.86779	157.8793	47.37768	40.61933

#1	-.006184	.000873	-.000652	.0009333	-.000259	.0144030	-.003132
#2	-.003199	-.001268	.001556	.0011611	.000442	.0056514	-.001294
#3	-.005145	-.002544	.000933	.0003781	.001361	.0083355	-.002779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001455	.0001010	-.006951	-.000081	-.000111	.0012079	.0180637
Stddev	.0000160	.0000998	.010873	.000170	.000166	.0007771	.0051050
%RSD	10.96972	98.84550	156.4250	210.6930	149.3707	64.33292	28.26134

#1	.0001287	-.000014	.005051	-.000265	-.000048	.0007124	.0134897
#2	.0001605	.000157	-.009761	-.000049	.000014	.0021036	.0171305
#3	.0001472	.000160	-.016144	.000071	-.000299	.0008079	.0235710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000250	.0090915	.0003555	.0002004	-.068821	-.003229	.0015341
Stddev	.000616	.0171966	.0001981	.0001555	.079150	.002563	.0050439
%RSD	246.7418	189.1495	55.73633	77.56973	115.0082	79.38014	328.7839

#1	.000232	.0085588	.0005736	.0000526	-.093534	-.002901	.0059647
#2	-.000037	.0265483	.0001866	.0003626	.019737	-.000845	-.003955
#3	-.000944	-.007832	.0003062	.0001861	-.132666	-.005940	.002593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.298365	-.001749	-.000693	.0003024	-.003430	-.003227	-.000778
Stddev	.015267	.000165	.001311	.0001882	.000896	.000389	.000510
%RSD	5.116755	9.439896	189.2713	62.24197	26.12911	12.06084	65.53284

#1	-.305307	-.001836	.000764	.0005165	-.004462	-.002933	-.000327
#2	-.308927	-.001852	-.001779	.0002275	-.002857	-.003669	-.000677
#3	-.280861	-.001558	-.001063	.0001632	-.002969	-.003081	-.001332

Sample Name: CCB022 Acquired: 3/31/2017 18:25:44 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v863) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB022 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014285	-.000517	.0000239
Stddev	.0009976	.000072	.0000232
%RSD	69.83882	13.94190	96.97429

#1	.0010115	-.000591	.0000359
#2	.0007070	-.000512	.0000387
#3	.0025670	-.000447	-.000003

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.349	2024.003	41055.60	8230.792	4114.799
Stddev	14.686	12.583	266.73	40.175	20.715
%RSD	1.087568	.6216877	.6496847	.4881029	.5034301

#1	1333.583	2028.054	40780.82	8198.125	4121.296
#2	1360.933	2009.894	41313.49	8275.650	4091.614
#3	1356.532	2034.062	41072.48	8218.600	4131.487