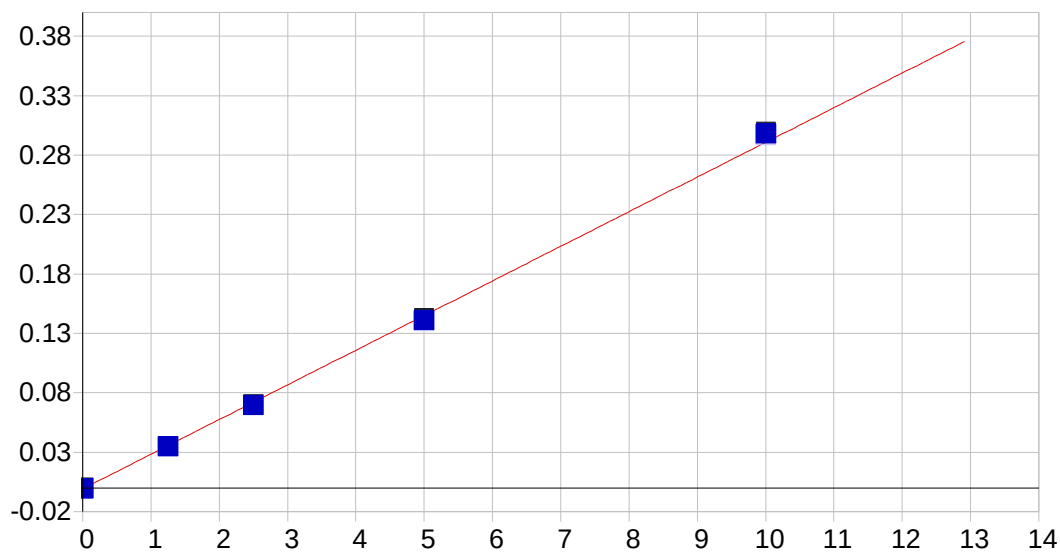




As 189.042 {479}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000800

Re-Slope: 1.000000

A1 (Gain): 0.029152

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999647

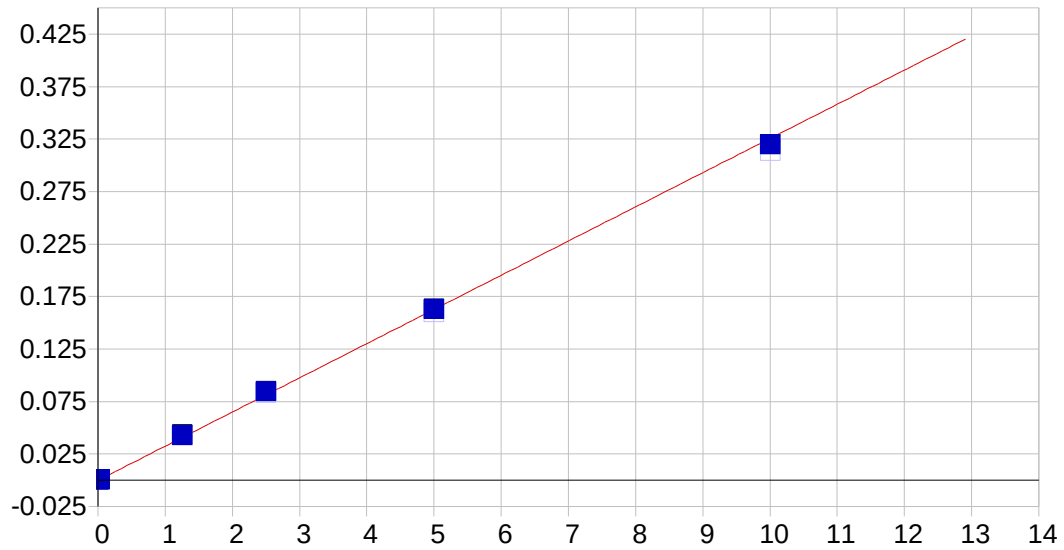
Status: OK.

Std Error of Est: 0.000013

Predicted MDL: 0.011547

Predicted MQL: 0.038491

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00080	.000	1
S1	.01000	.00944	-.001	-5.63	-.00053	.000	1
S2	1.2500	1.2211	-.029	-2.32	.03465	.000	1
S3	2.5000	2.4199	-.080	-3.20	.06946	.000	1
S4	5.0000	4.8624	-.138	-2.75	.14038	.001	1
S5	10.000	10.247	.247	2.47	.29680	.002	1



TI 190.856 {477}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000109

Re-Slope: 1.000000

A1 (Gain): 0.032564

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999681

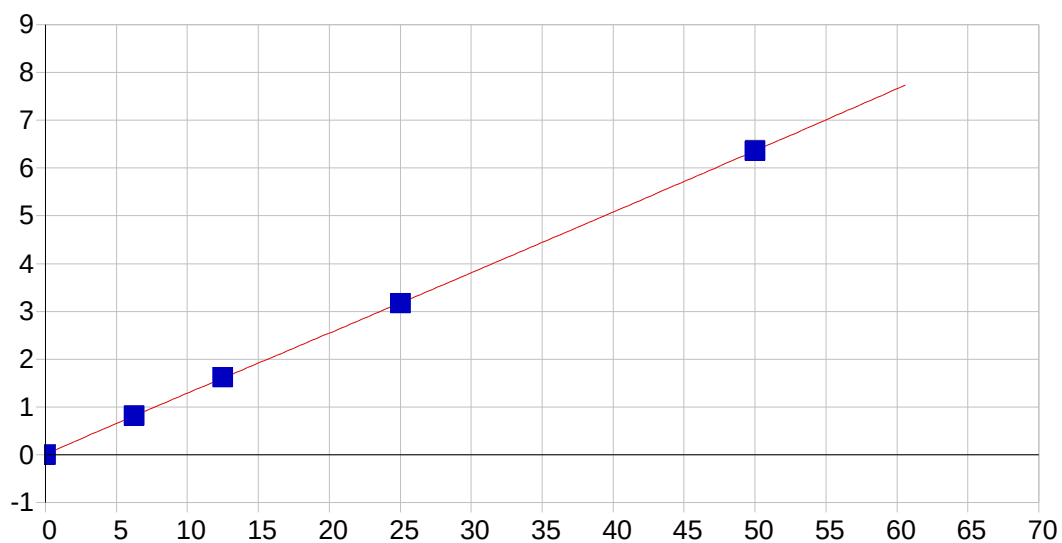
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.007601

Predicted MQL: 0.025338

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.02500	.02548	.000	1.92	.00065	.000	1
S2	1.2500	1.3233	.073	5.86	.04224	.000	1
S3	2.5000	2.5993	.099	3.97	.08306	.000	1
S4	5.0000	5.0085	.008	.170	.16003	.000	1
S5	10.000	9.8185	-.181	-1.81	.31371	.000	1



Pb 220.353 {453}

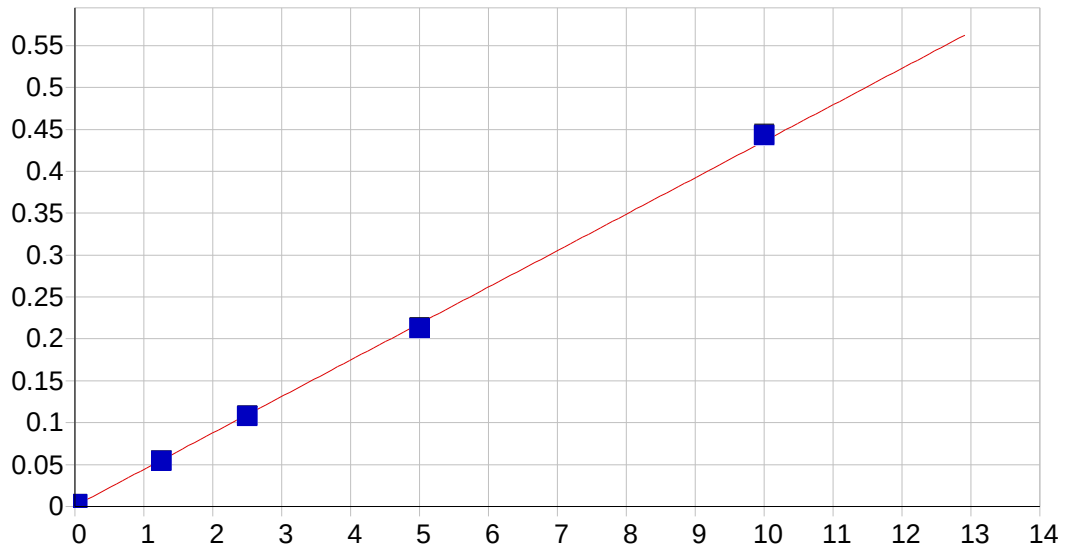
Date of Fit: 3/2/2017 12:17:51 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000406
 A1 (Gain): 0.136596
 A2 (Curvature): 0.000146
 n (Exponent): 0.970000
 Correlation: 0.999993
 Std Error of Est: 0.000026
 Predicted MDL: 0.002789
 Predicted MQL: 0.009298

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00041	.000	1
S1	.01000	.01068	.001	6.84	.00126	.000	1
S2	6.2500	6.2168	-.033	-.531	.80848	.003	1
S3	12.500	12.599	.099	.795	1.6144	.002	1
S4	25.000	24.907	-.093	-.374	3.1633	.004	1
S5	50.000	50.026	.026	.052	6.3641	.004	1



Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000736

Re-Slope: 1.000000

A1 (Gain): 0.043505

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999816

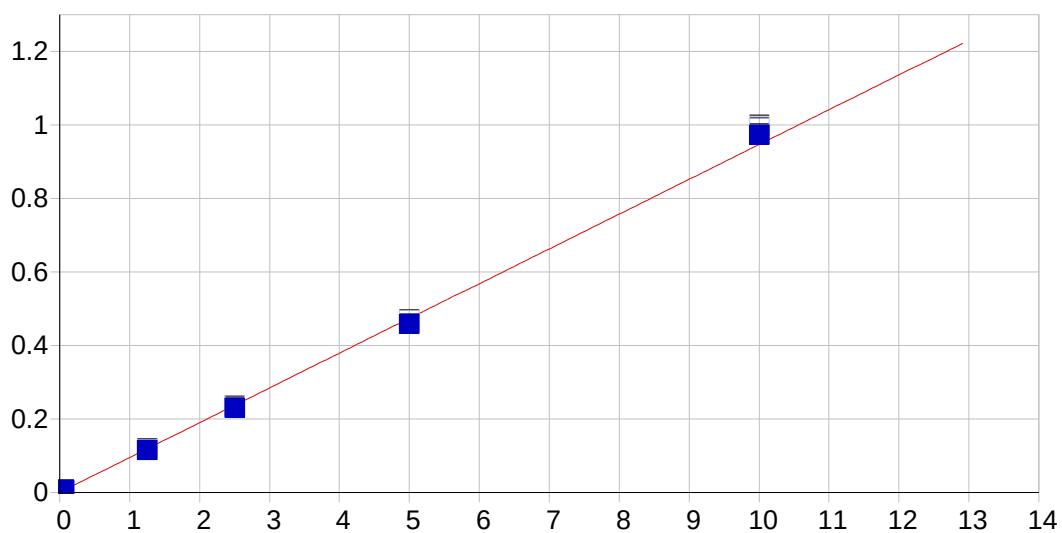
Status: OK.

Std Error of Est: 0.000026

Predicted MDL: 0.008381

Predicted MQL: 0.027935

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00074	.000	1
S1	.03500	.03864	.004	10.4	.00242	.000	1
S2	1.2500	1.2339	-.016	-1.29	.05422	.000	1
S3	2.5000	2.4643	-.036	-1.43	.10754	.000	1
S4	5.0000	4.8794	-.121	-2.41	.21221	.001	1
S5	10.000	10.169	.169	1.69	.44151	.002	1

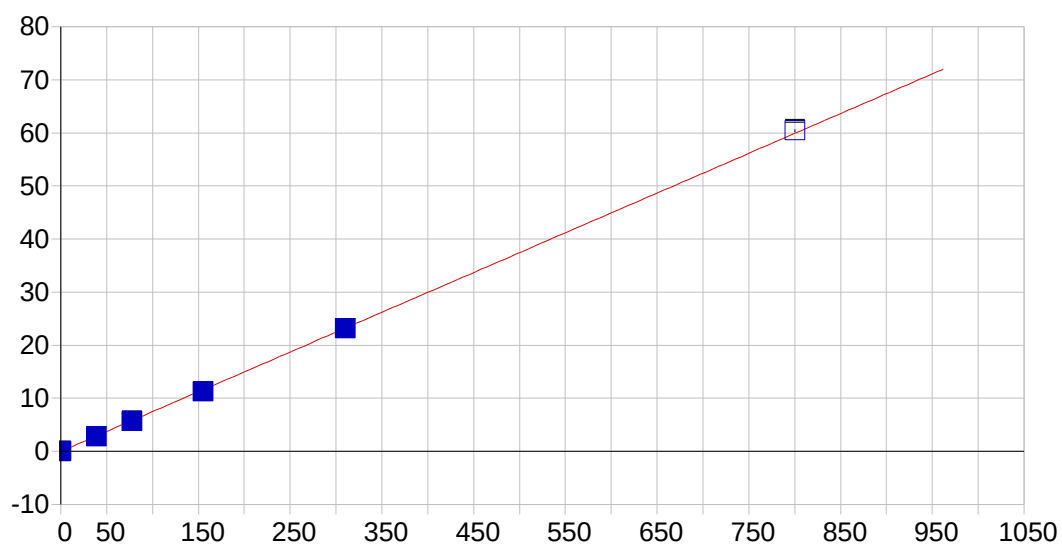


Sb 206.833 {463}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000660 Re-Slope: 1.000000
 A1 (Gain): 0.094604 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999566 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.003799
 Predicted MQL: 0.012662

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00066	.000	1
S1	.06000	.06089	.001	1.48	.00642	.000	1
S2	1.2500	1.2134	-.037	-2.92	.11830	.001	1
S3	2.5000	2.4206	-.079	-3.18	.23534	.000	1
S4	5.0000	4.8331	-.167	-3.34	.46925	.000	1
S5	10.000	10.282	.282	2.82	.99612	.003	1



AI 396.152 { 85}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000430

Re-Slope: 1.000000

A1 (Gain): 0.074868

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999916

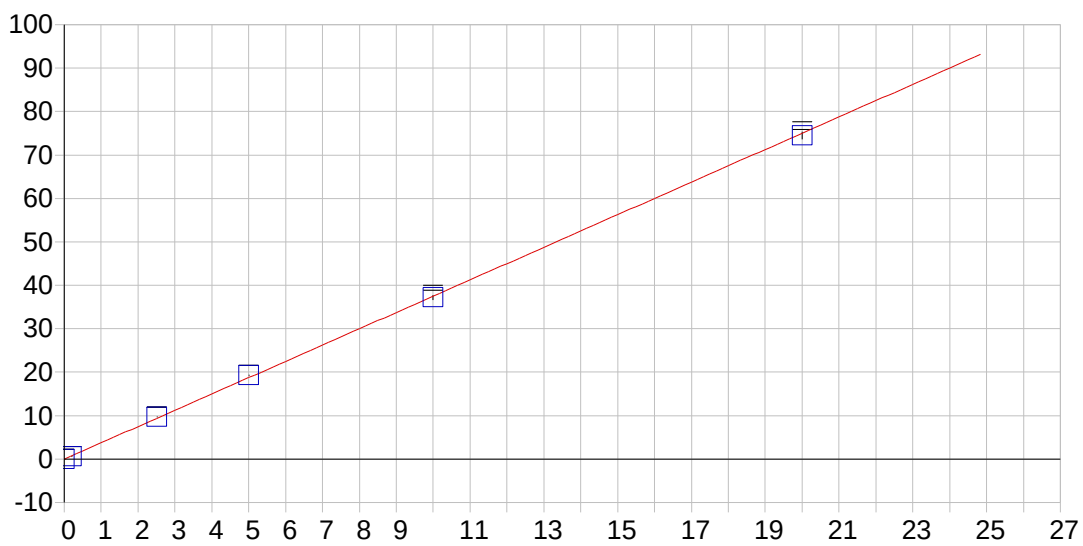
Status: OK.

Std Error of Est: 0.000605

Predicted MDL: 0.007984

Predicted MQL: 0.026613

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00043	.001	1
S1	.20000	.19148	-.009	-4.26	.01393	.000	1
S2	38.750	37.842	-.908	-2.34	2.8362	.008	1
S3	77.500	76.108	-1.39	-1.80	5.7045	.013	1
S4	155.00	150.77	-4.23	-2.73	11.301	.029	1
S5	310.00	309.13	-.869	-.280	23.171	.039	1
S6	800.00	807.42	7.42	.927	60.449	.258	1

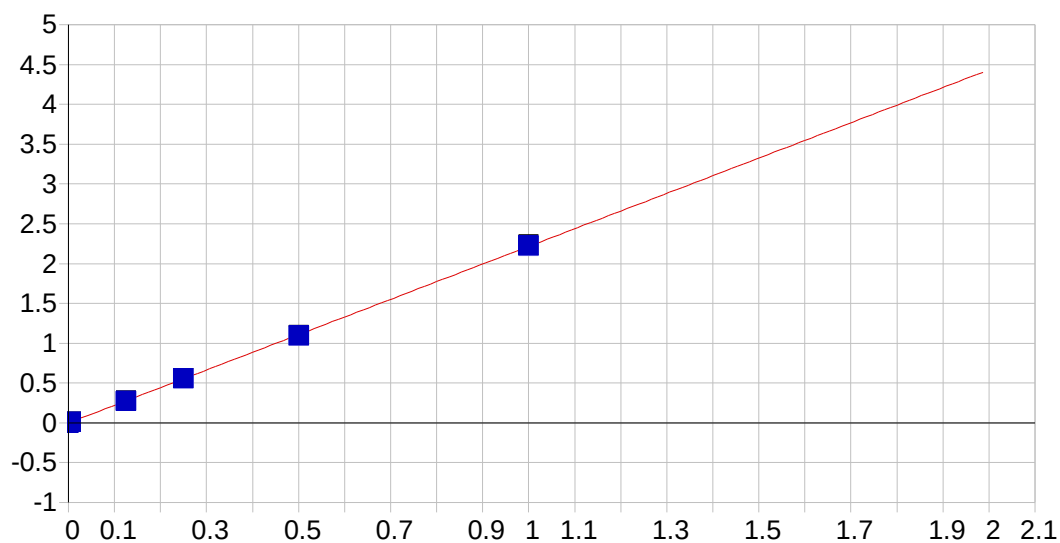


Ba 493.409 { 68}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.024492 Re-Slope: 1.000000
 A1 (Gain): 3.751865 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.008368
 Predicted MDL: 0.000449
 Predicted MQL: 0.001495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.02440	.001	1
S1	.20000	.16487	-.035	-17.6	.59407	.005	1
S2	2.5000	2.6029	.103	4.12	9.7412	.014	1
S3	5.0000	5.1513	.151	3.03	19.302	.014	1
S4	10.000	9.9153	-.085	-.847	37.177	.599	1
S5	20.000	19.866	-.134	-.672	74.509	.870	1



Be 234.861 {144}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000937

Re-Slope: 1.000000

A1 (Gain): 2.217197

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999975

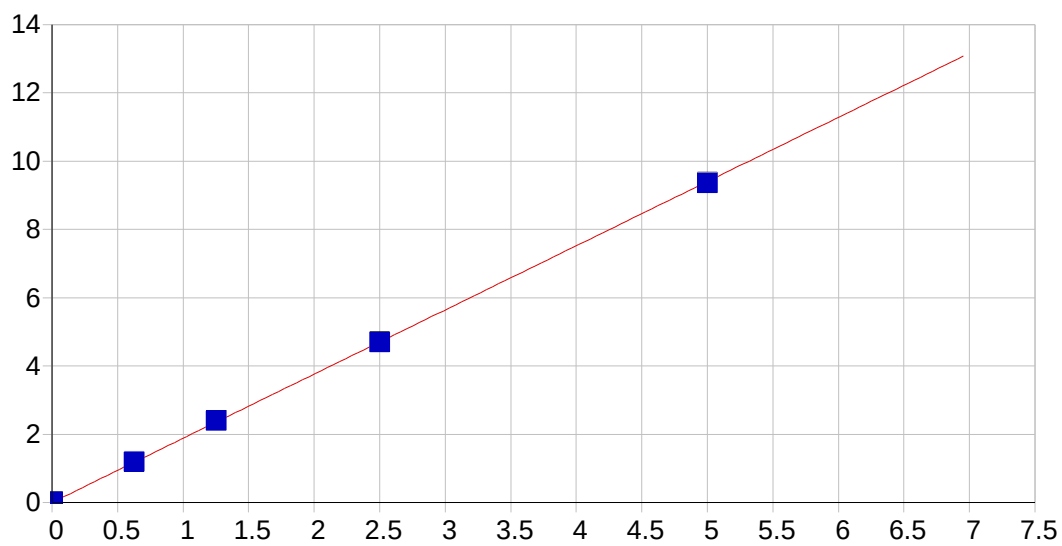
Status: OK.

Std Error of Est: 0.000058

Predicted MDL: 0.000136

Predicted MQL: 0.000454

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.00500	.00525	.000	5.02	.01070	.000	1
S2	.12500	.12514	.000	.114	.27560	.001	1
S3	.25000	.25213	.002	.853	.55623	.002	1
S4	.50000	.49480	-.005	-1.04	1.0924	.005	1
S5	1.0000	1.0027	.003	.267	2.2147	.018	1

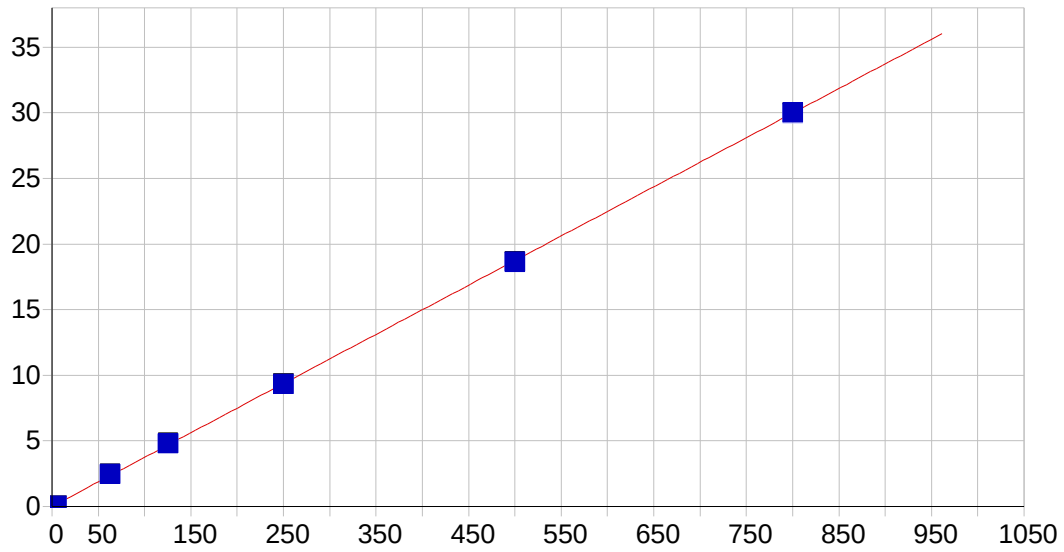


Cd 214.438 {457}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000663 Re-Slope: 1.000000
 A1 (Gain): 1.880493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.000165
 Predicted MQL: 0.000549

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00066	.000	1
S1	.00500	.00493	.000	-1.45	.00993	.000	1
S2	.62500	.63641	.011	1.83	1.1995	.004	1
S3	1.2500	1.2706	.021	1.65	2.3942	.000	1
S4	2.5000	2.4918	-.008	-.330	4.6946	.009	1
S5	5.0000	4.9763	-.024	-.474	9.3750	.011	1

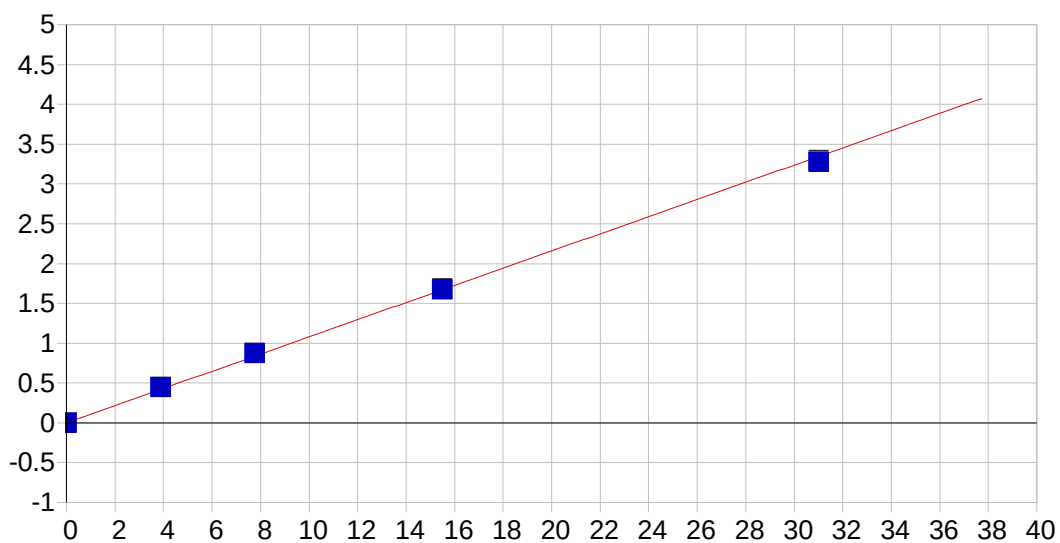


Ca 373.690 { 90}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002405 Re-Slope: 1.000000
 A1 (Gain): 0.037472 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999020 Status: OK.
 Std Error of Est: 0.005786
 Predicted MDL: 0.013420
 Predicted MQL: 0.044733

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00354	.004	.000	.00254	.000	1
S1	5.0000	1.0763	-3.92	-78.5	.04273	.000	1
S2	62.500	66.076	3.58	5.72	2.4756	.005	1
S3	125.00	128.63	3.63	2.90	4.8168	.011	1
S4	250.00	248.99	-1.01	-.405	9.3211	.029	1
S5	500.00	497.33	-2.67	-.533	18.616	.025	1
S6	800.00	800.40	.401	.050	29.934	.035	1

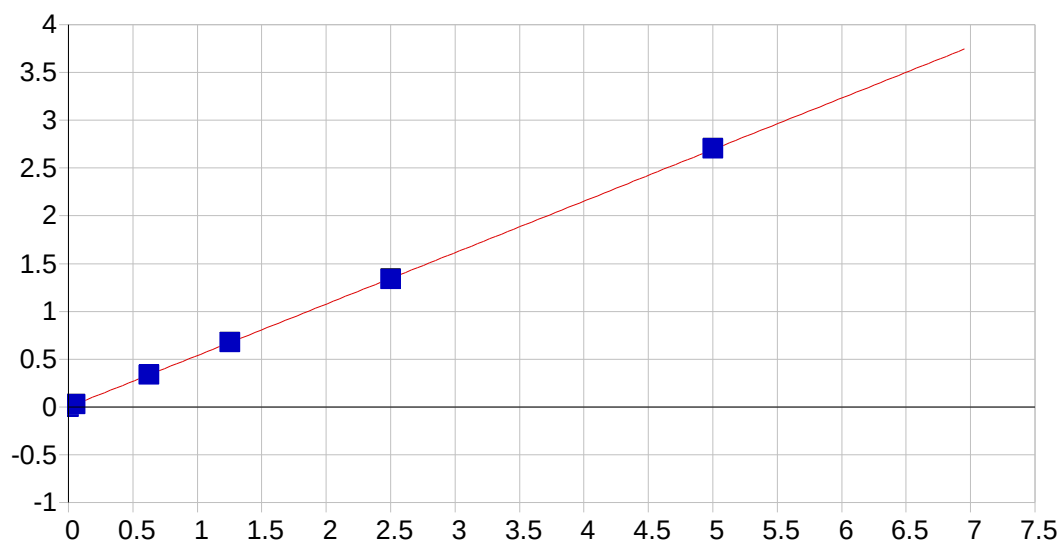


Cr 267.716 {126}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.107914 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999600 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.000550
 Predicted MQL: 0.001833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01137	.001	13.7	.00124	.000	1
S2	3.8750	4.1468	.272	7.01	.44857	.001	1
S3	7.7500	8.0861	.336	4.34	.87477	.002	1
S4	15.500	15.523	.023	.149	1.6795	.004	1
S5	31.000	30.368	-.632	-2.04	3.2857	.010	1

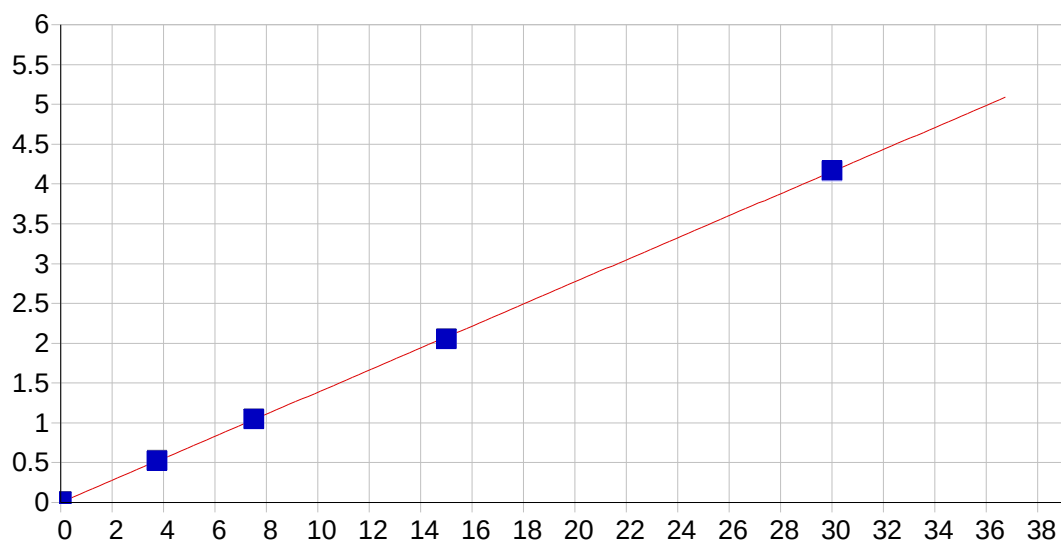


Co 228.616 {448}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000718 Re-Slope: 1.000000
 A1 (Gain): 0.538674 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.000506
 Predicted MQL: 0.001688

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00072	.000	1
S1	.05000	.04811	-.002	-3.78	.02530	.000	1
S2	.62500	.62641	.001	.226	.33742	.002	1
S3	1.2500	1.2553	.005	.423	.67688	.000	1
S4	2.5000	2.4806	-.019	-.776	1.3383	.002	1
S5	5.0000	5.0146	.015	.292	2.7061	.002	1



Cu 324.754 {104}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000557

Re-Slope: 1.000000

A1 (Gain): 0.138478

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999969

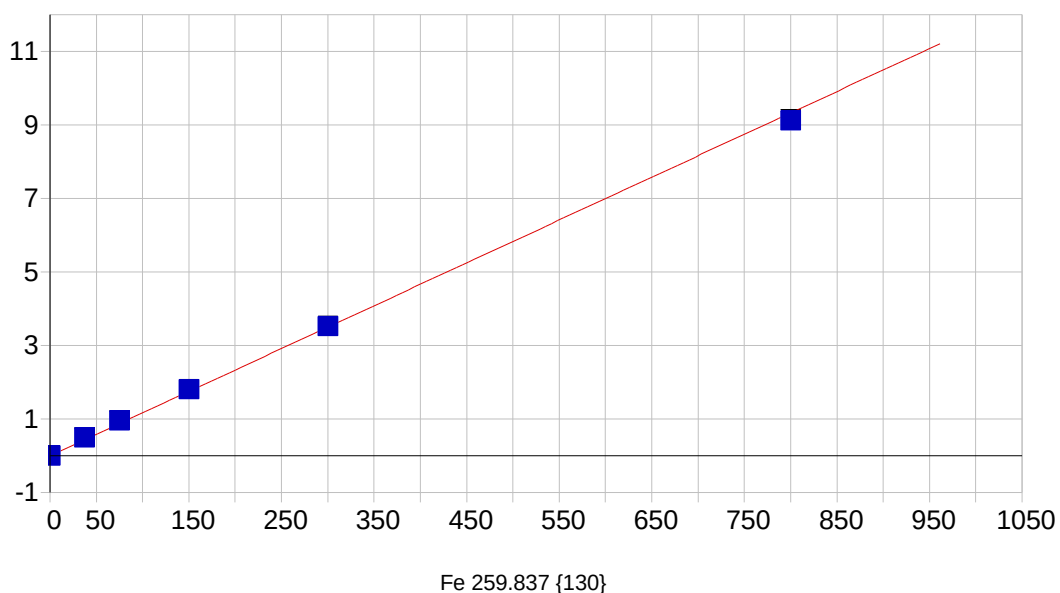
Status: OK.

Std Error of Est: 0.000050

Predicted MDL: 0.002514

Predicted MQL: 0.008381

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.02500	.02556	.001	2.25	.00407	.000	1
S2	3.7500	3.7993	.049	1.32	.52520	.001	1
S3	7.5000	7.5369	.037	.492	1.0413	.002	1
S4	15.000	14.814	-.186	-1.24	2.0460	.003	1
S5	30.000	30.100	.100	.332	4.1568	.001	1



Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000004

Re-Slope: 1.000000

A1 (Gain): 0.011660

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999369

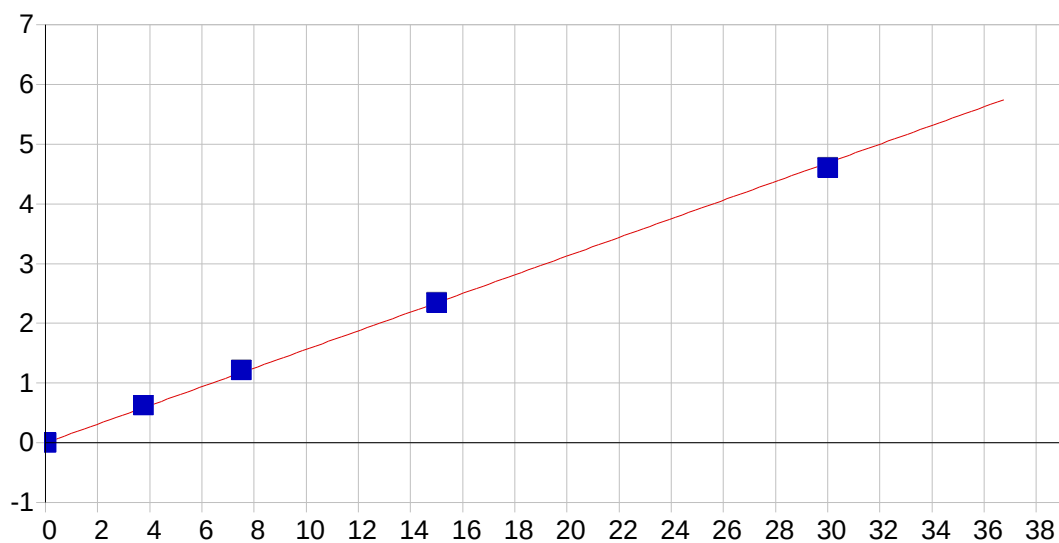
Status: OK.

Std Error of Est: 0.000181

Predicted MDL: 0.018903

Predicted MQL: 0.063009

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00000	.000	1
S1	.10000	.11307	.013	13.1	.00133	.000	1
S2	37.500	42.187	4.69	12.5	.49243	.001	1
S3	75.000	81.558	6.56	8.74	.95202	.001	1
S4	150.00	154.78	4.78	3.19	1.8069	.006	1
S5	300.00	301.83	1.83	.610	3.5236	.004	1
S6	800.00	782.12	-17.9	-2.24	9.1243	.023	1

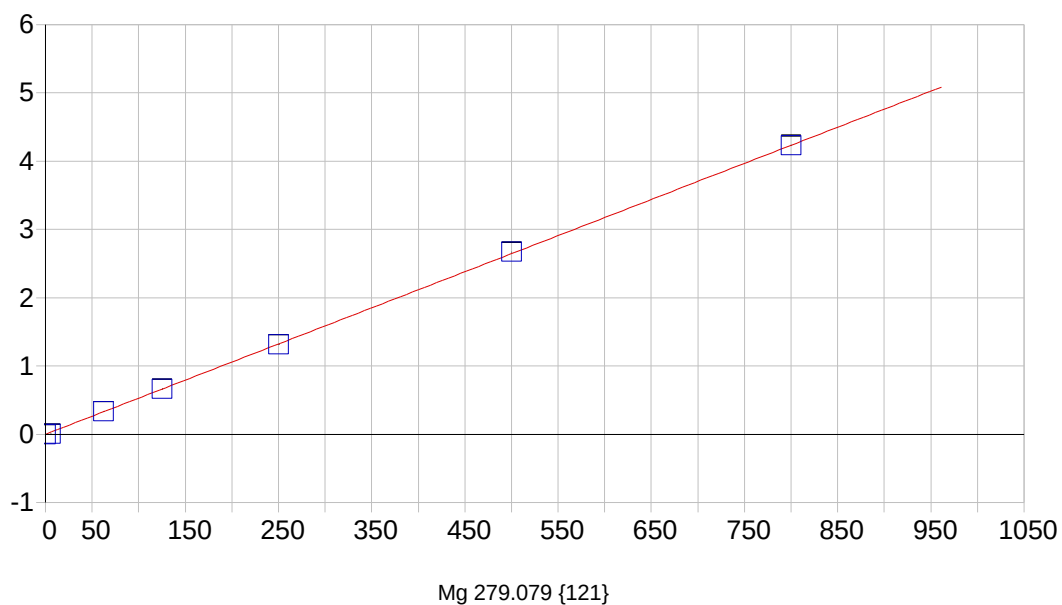


Mn 257.610 {131}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000074 Re-Slope: 1.000000
 A1 (Gain): 0.156258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999653 Status: OK.
 Std Error of Est: 0.000147
 Predicted MDL: 0.001233
 Predicted MQL: 0.004110

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01500	.01786	.003	19.1	.00272	.000	1
S2	3.7500	4.0153	.265	7.08	.62748	.001	1
S3	7.5000	7.7800	.280	3.73	1.2159	.001	1
S4	15.000	14.980	-.020	-.132	2.3412	.007	1
S5	30.000	29.472	-.528	-1.76	4.6061	.002	1



Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000232

Re-Slope: 1.000000

A1 (Gain): 0.005291

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999073

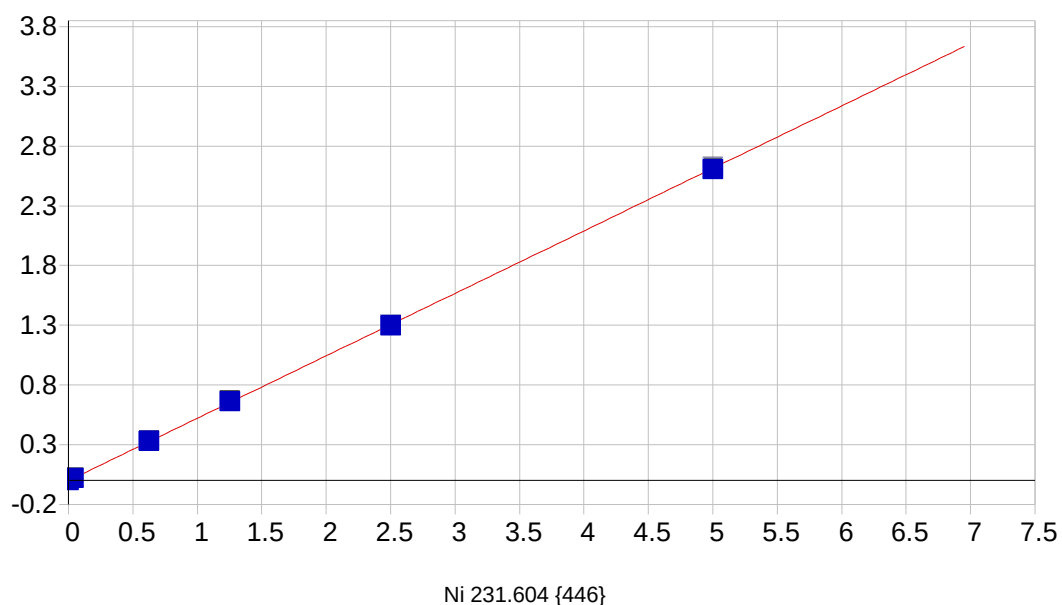
Status: OK.

Std Error of Est: 0.000796

Predicted MDL: 0.046354

Predicted MQL: 0.154514

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00394	.004	.000	-.00021	.000	1
S1	5.0000	1.0141	-3.99	-79.7	.00513	.000	1
S2	62.500	62.792	.292	.467	.33201	.001	1
S3	125.00	125.15	.151	.121	.66196	.002	1
S4	250.00	248.60	-1.40	-.561	1.3151	.003	1
S5	500.00	504.82	4.82	.964	2.6708	.005	1
S6	800.00	800.12	.122	.015	4.2333	.006	1



Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000225

Re-Slope: 1.000000

A1 (Gain): 0.522675

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999976

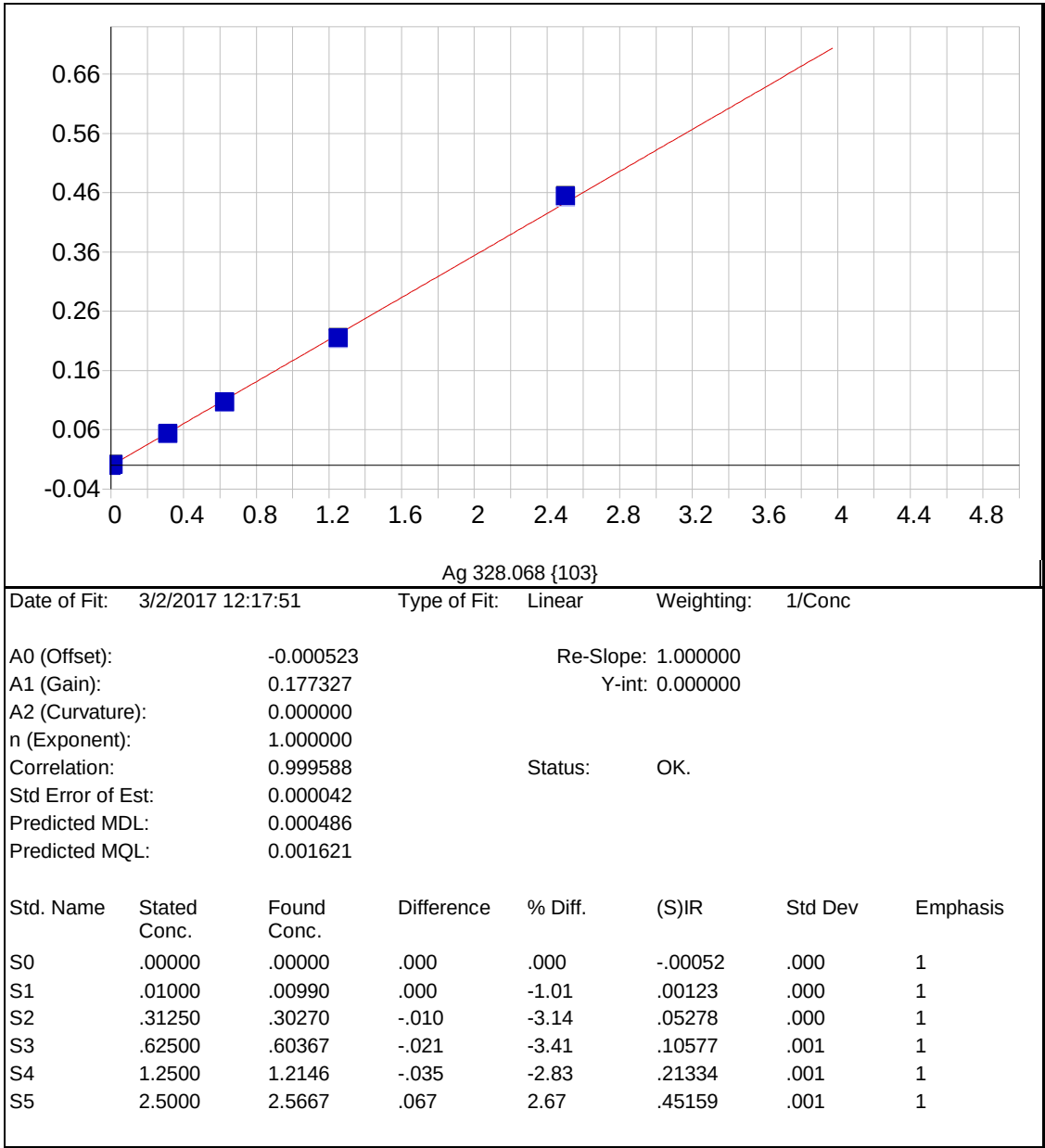
Status: OK.

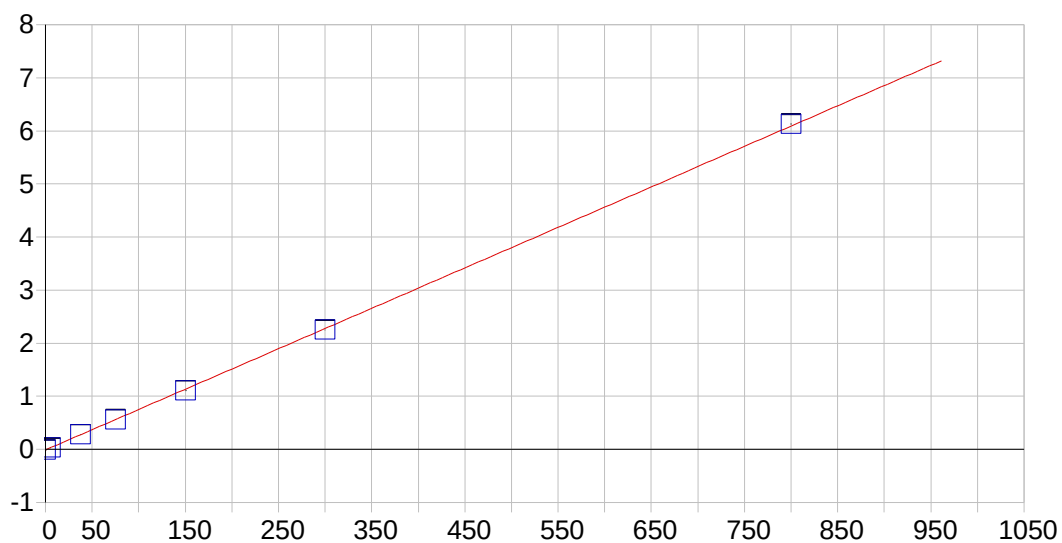
Std Error of Est: 0.000086

Predicted MDL: 0.000650

Predicted MQL: 0.002167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.04000	.03955	.000	-1.12	.02048	.000	1
S2	.62500	.63382	.009	1.41	.33278	.002	1
S3	1.2500	1.2665	.016	1.32	.66516	.001	1
S4	2.5000	2.4854	-.015	-.585	1.3057	.002	1
S5	5.0000	4.9898	-.010	-.204	2.6216	.001	1





Na 818.326 { 41}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.009810

Re-Slope: 1.000000

A1 (Gain): 0.007623

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999939

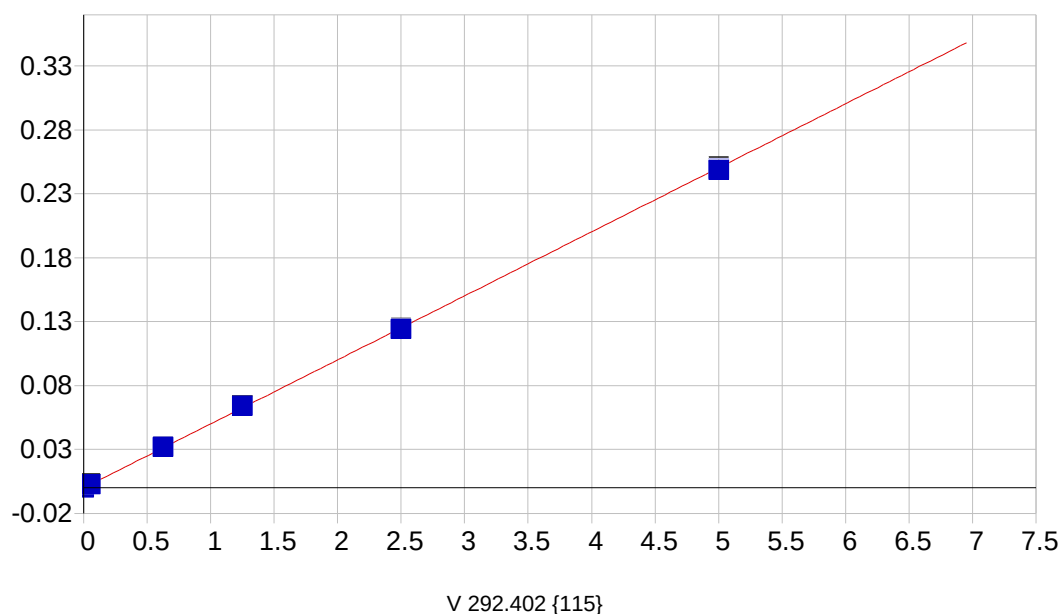
Status: OK.

Std Error of Est: 0.000261

Predicted MDL: 0.169306

Predicted MQL: 0.564355

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	-.00981	.001	1
S1	5.0000	5.0247	.025	.493	.02849	.001	1
S2	37.500	38.406	.906	2.42	.28296	.001	1
S3	75.000	75.367	.367	.489	.56471	.001	1
S4	150.00	146.68	-3.32	-2.21	1.1083	.002	1
S5	300.00	296.73	-3.27	-1.09	2.2522	.003	1
S6	800.00	805.29	5.29	.661	6.1289	.009	1



Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000011

Re-Slope: 1.000000

A1 (Gain): 0.050073

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999873

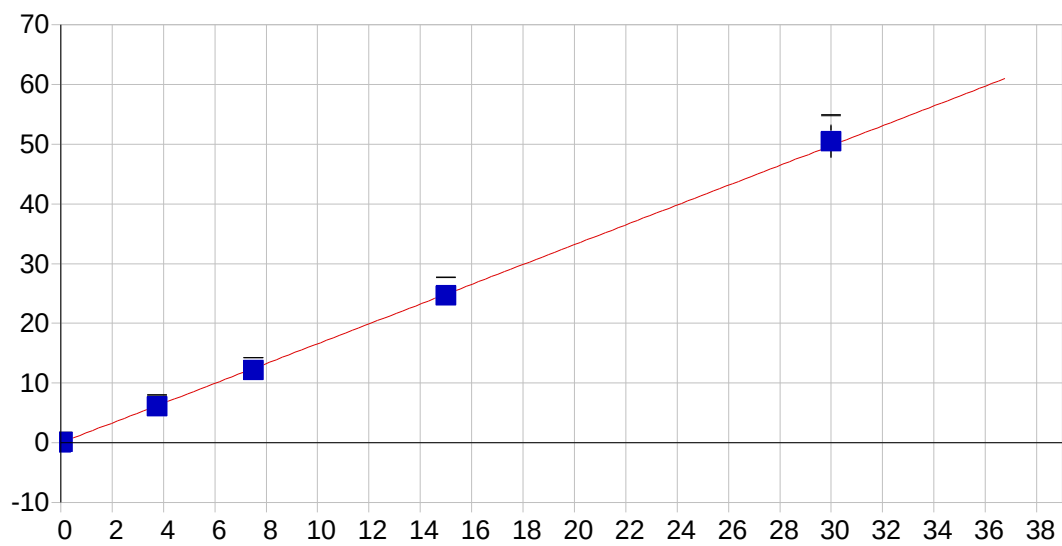
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.004791

Predicted MQL: 0.015968

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00001	.000	1
S1	.05000	.05690	.007	13.8	.00284	.000	1
S2	.62500	.64124	.016	2.60	.03223	.000	1
S3	1.2500	1.2790	.029	2.32	.06429	.000	1
S4	2.5000	2.4793	-.021	-.827	.12465	.000	1
S5	5.0000	4.9686	-.031	-.628	.24981	.001	1



Zn 213.856 {158}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001282

Re-Slope: 1.000000

A1 (Gain): 1.658554

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999855

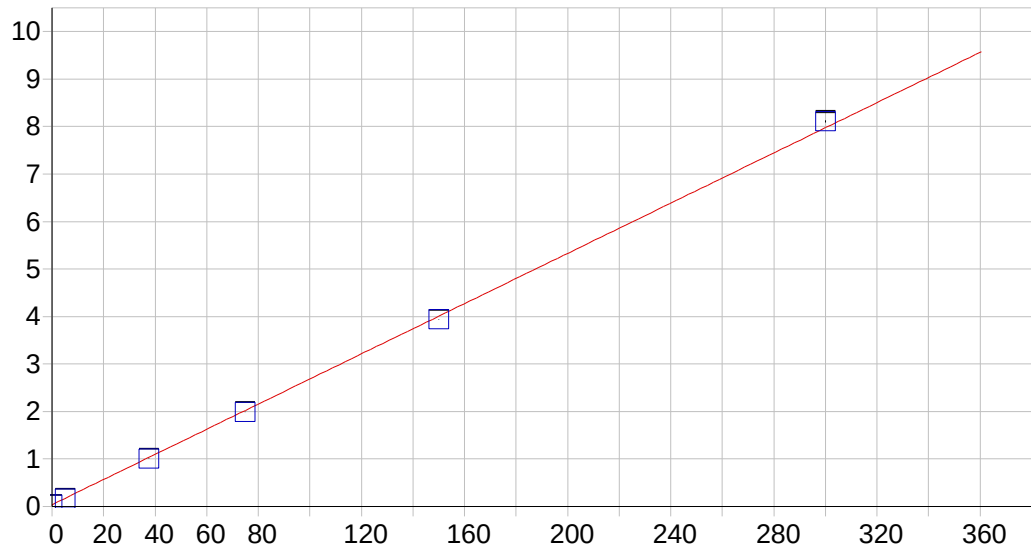
Status: OK.

Std Error of Est: 0.002014

Predicted MDL: 0.013808

Predicted MQL: 0.046027

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00125	.027	1
S1	.06000	.04421	-.016	-26.3	.07242	.068	1
S2	3.7500	3.6621	-.088	-2.34	6.0875	.292	1
S3	7.5000	7.3387	-.161	-2.15	12.200	.433	1
S4	15.000	14.861	-.139	-.924	24.707	1.35	1
S5	30.000	30.404	.404	1.35	50.544	2.70	1



K 769.896 { 44}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.039363

Re-Slope: 1.000000

A1 (Gain): 0.026454

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999831

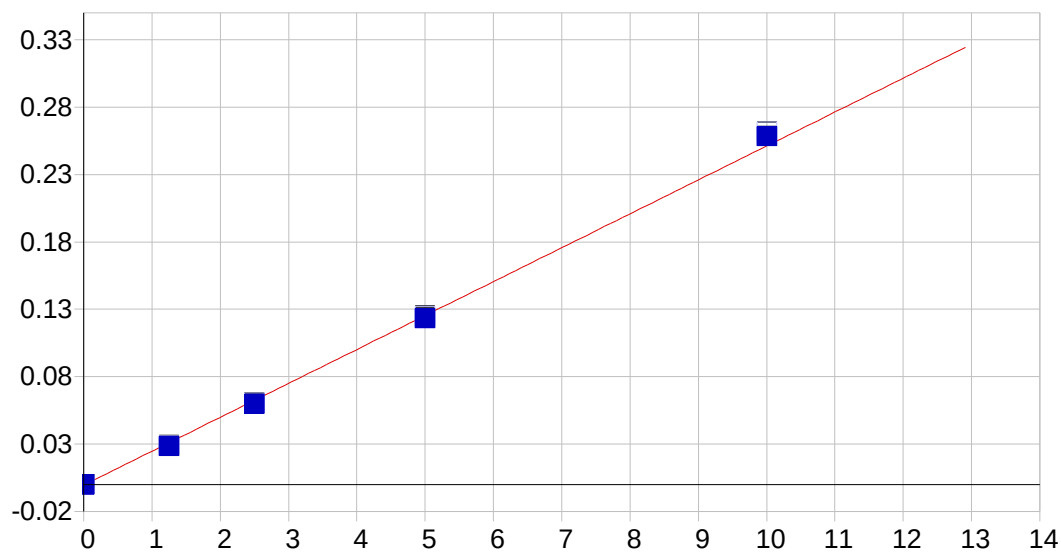
Status: OK.

Std Error of Est: 0.001004

Predicted MDL: 0.045958

Predicted MQL: 0.153195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	.03937	.001	1
S1	5.0000	4.8213	-.179	-3.57	.16690	.001	1
S2	37.500	36.623	-.877	-2.34	1.0082	.003	1
S3	75.000	73.635	-1.37	-1.82	1.9873	.006	1
S4	150.00	147.24	-2.76	-1.84	3.9343	.003	1
S5	300.00	305.18	5.18	1.73	8.1126	.021	1

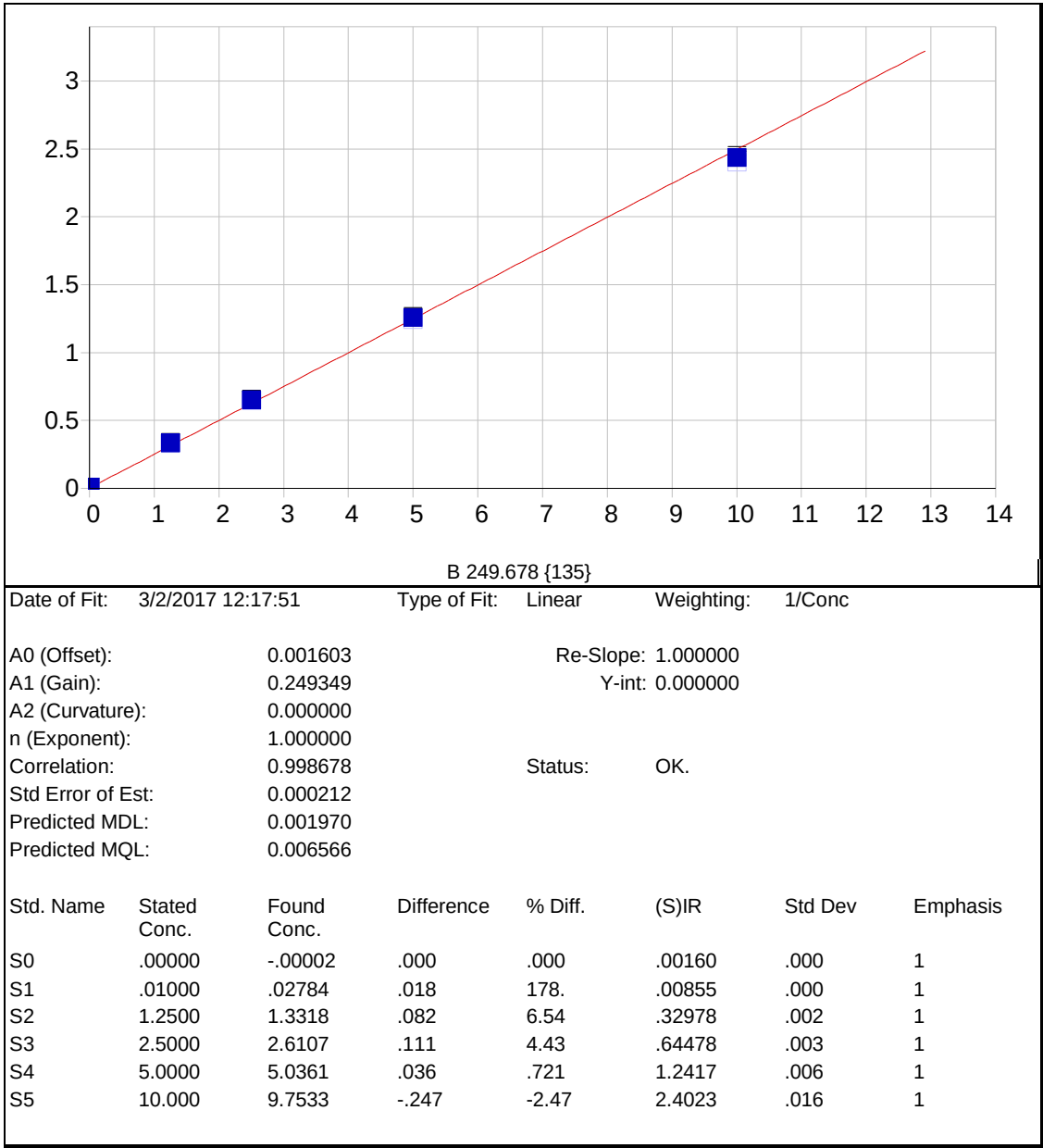


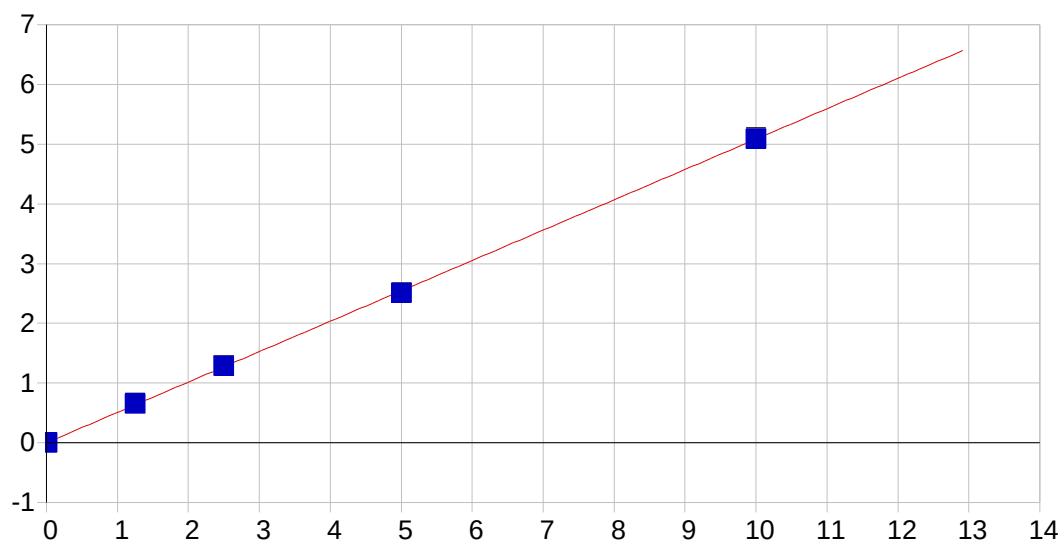
P 177.495 {490}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000463 Re-Slope: 1.000000
 A1 (Gain): 0.025167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999410 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.007865
 Predicted MQL: 0.026218

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.01000	.01351	.004	35.1	-.00012	.000	1
S2	1.2500	1.1548	-.095	-7.61	.02901	.000	1
S3	2.5000	2.3921	-.108	-4.32	.06055	.000	1
S4	5.0000	4.9144	-.086	-1.71	.12485	.000	1
S5	10.000	10.285	.285	2.85	.26163	.000	1



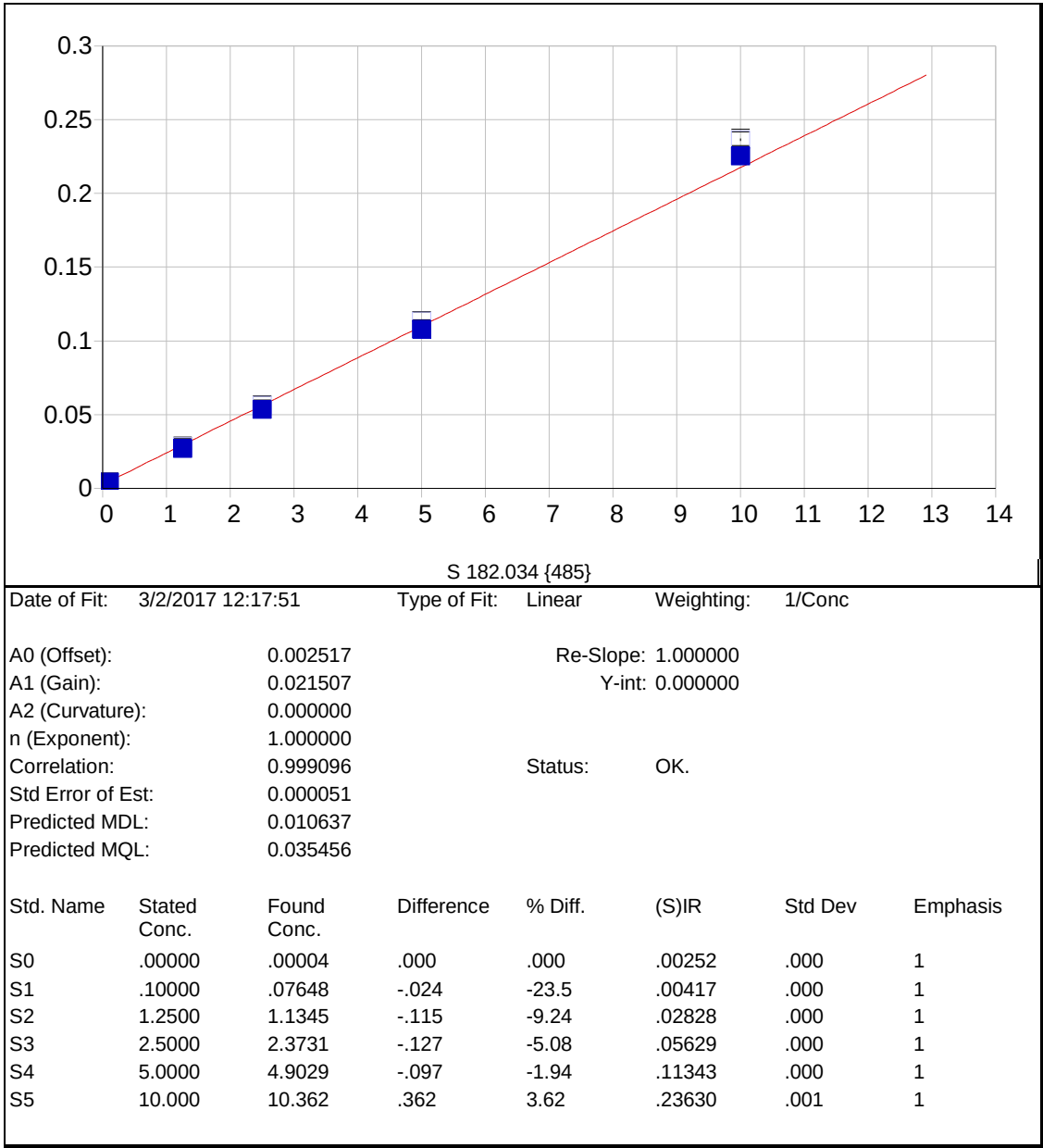


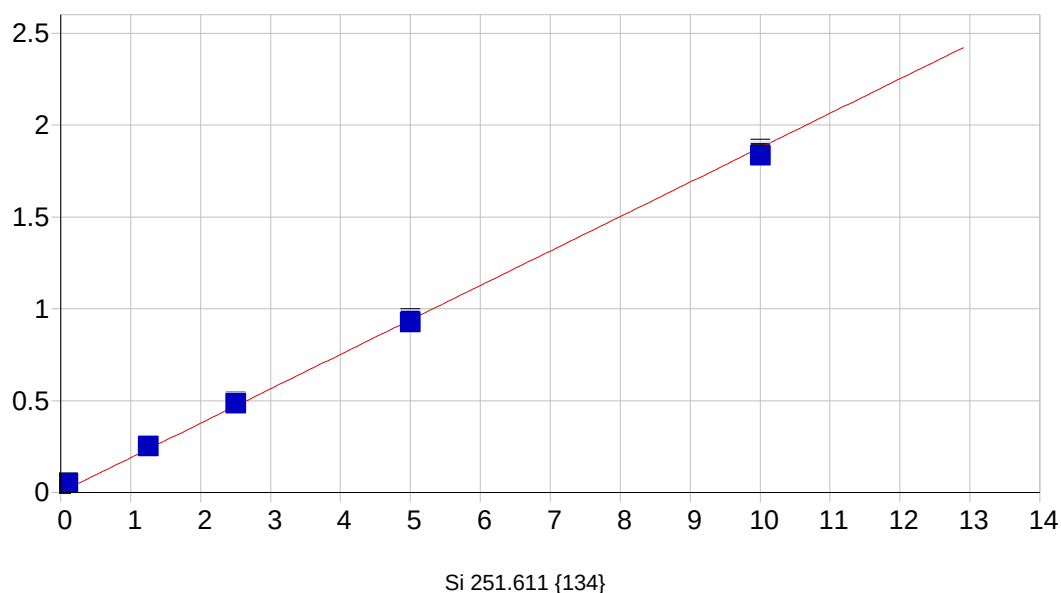
Mo 202.030 {467}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.508474 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.000746
 Predicted MQL: 0.002488

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01000	.01037	.000	3.75	.00541	.000	1
S2	1.2500	1.2891	.039	3.13	.65617	.002	1
S3	2.5000	2.5324	.032	1.30	1.2889	.003	1
S4	5.0000	4.9273	-.073	-1.45	2.5078	.003	1
S5	10.000	10.001	.001	.008	5.0899	.015	1





Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001891

Re-Slope: 1.000000

A1 (Gain): 0.187416

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.993271

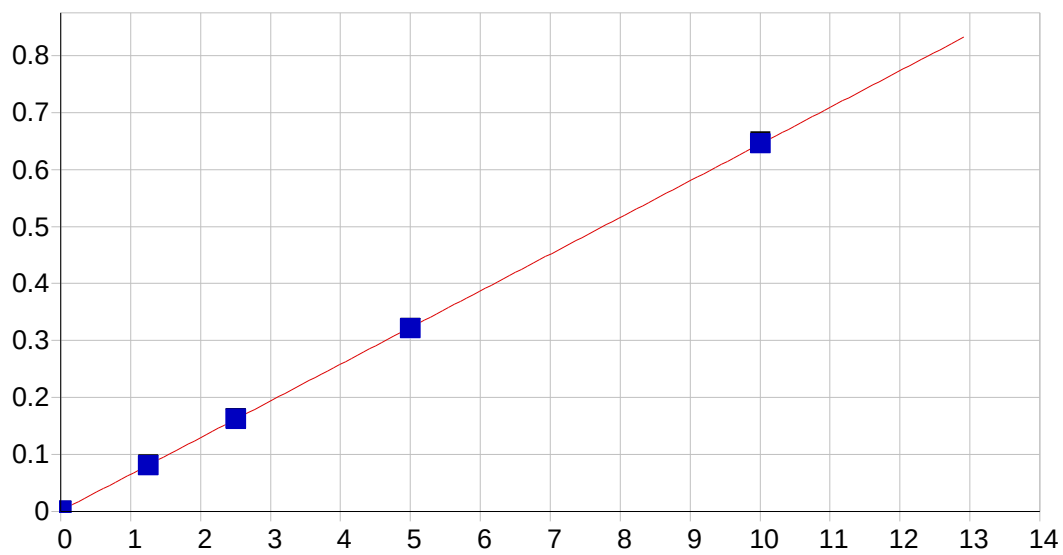
Status: OK.

Std Error of Est: 0.001175

Predicted MDL: 0.001700

Predicted MQL: 0.005666

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00016	.000	.000	.00186	.000	1
S1	.10000	.25784	.158	158.	.05028	.000	1
S2	1.2500	1.3213	.071	5.71	.25229	.001	1
S3	2.5000	2.5754	.075	3.02	.49007	.003	1
S4	5.0000	4.9350	-.065	-1.30	.93782	.007	1
S5	10.000	9.7617	-.238	-2.38	1.8534	.014	1



Sn 189.989 {478}

Date of Fit: 3/2/2017 12:17:51

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000905

Re-Slope: 1.000000

A1 (Gain): 0.064374

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999987

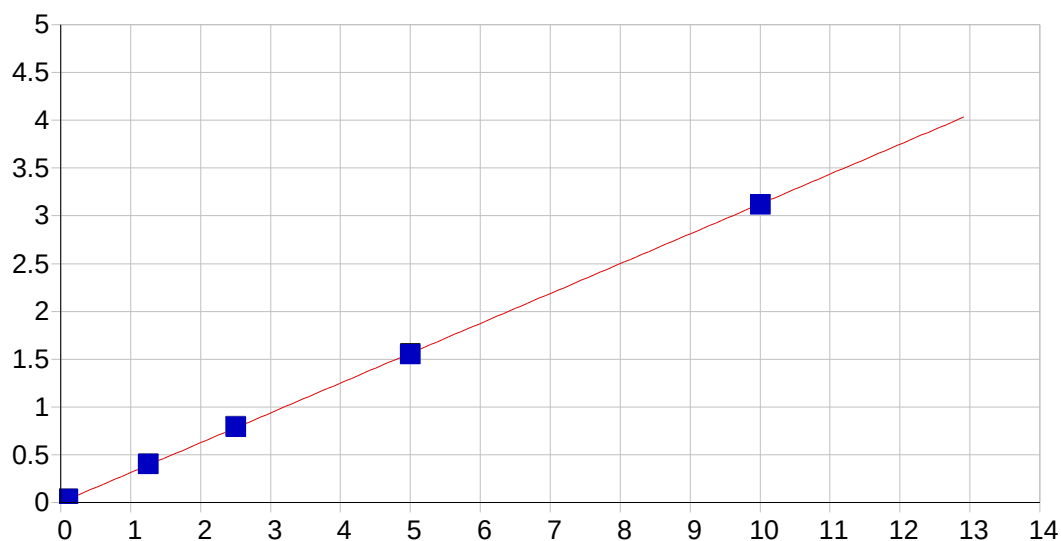
Status: OK.

Std Error of Est: 0.000005

Predicted MDL: 0.003529

Predicted MQL: 0.011764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.00700	.00558	-.001	-20.3	.00126	.000	1
S2	1.2500	1.2468	-.003	-.257	.08110	.000	1
S3	2.5000	2.5066	.007	.265	.16214	.000	1
S4	5.0000	4.9756	-.024	-.488	.32095	.000	1
S5	10.000	10.022	.022	.224	.64559	.002	1

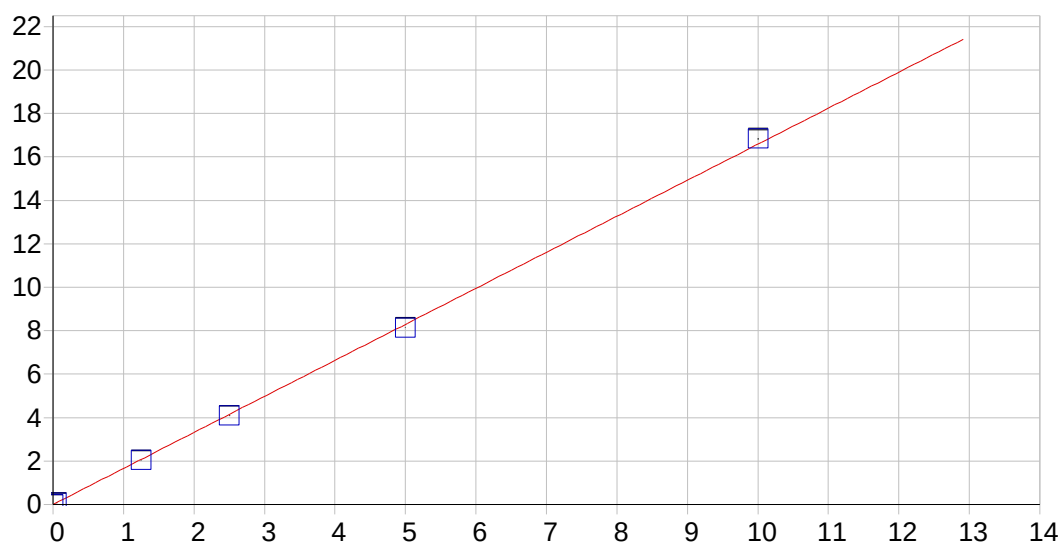


Ti 336.121 {100}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000476 Re-Slope: 1.000000
 A1 (Gain): 0.312292 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000152
 Predicted MDL: 0.001221
 Predicted MQL: 0.004069

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00047	.000	1
S1	.10000	.10356	.004	3.56	.03281	.001	1
S2	1.2500	1.2762	.026	2.10	.39890	.002	1
S3	2.5000	2.5364	.036	1.46	.79231	.003	1
S4	5.0000	4.9623	-.038	-.755	1.5496	.005	1
S5	10.000	9.9715	-.028	-.285	3.1135	.003	1

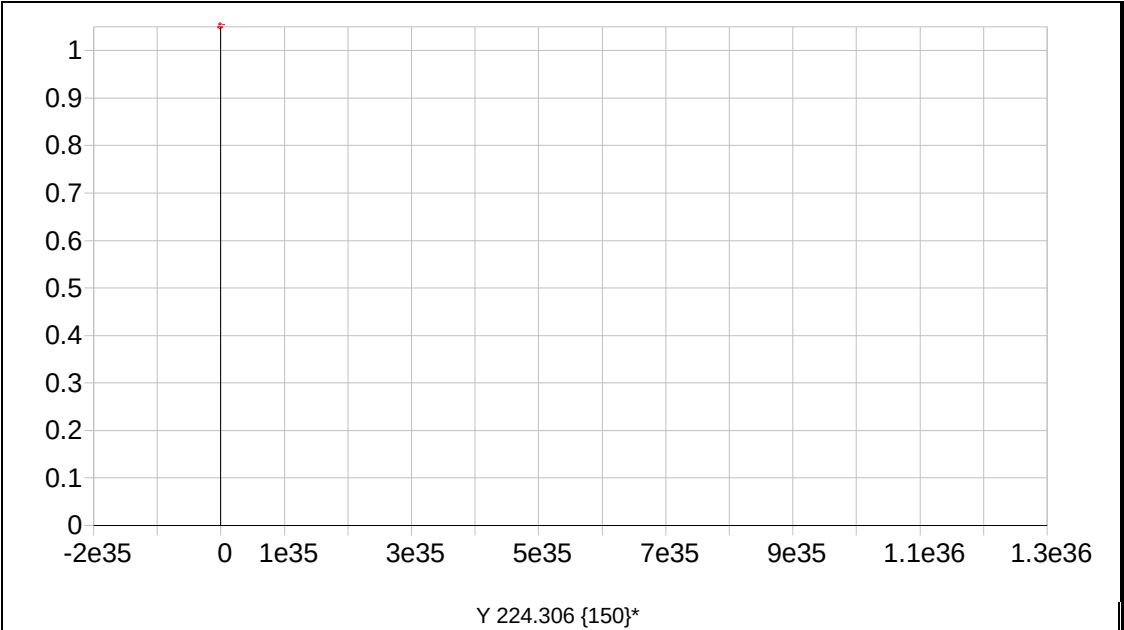


Li 670.784 { 50}

Date of Fit: 3/2/2017 12:17:51 Type of Fit: Linear Weighting: 1/Conc

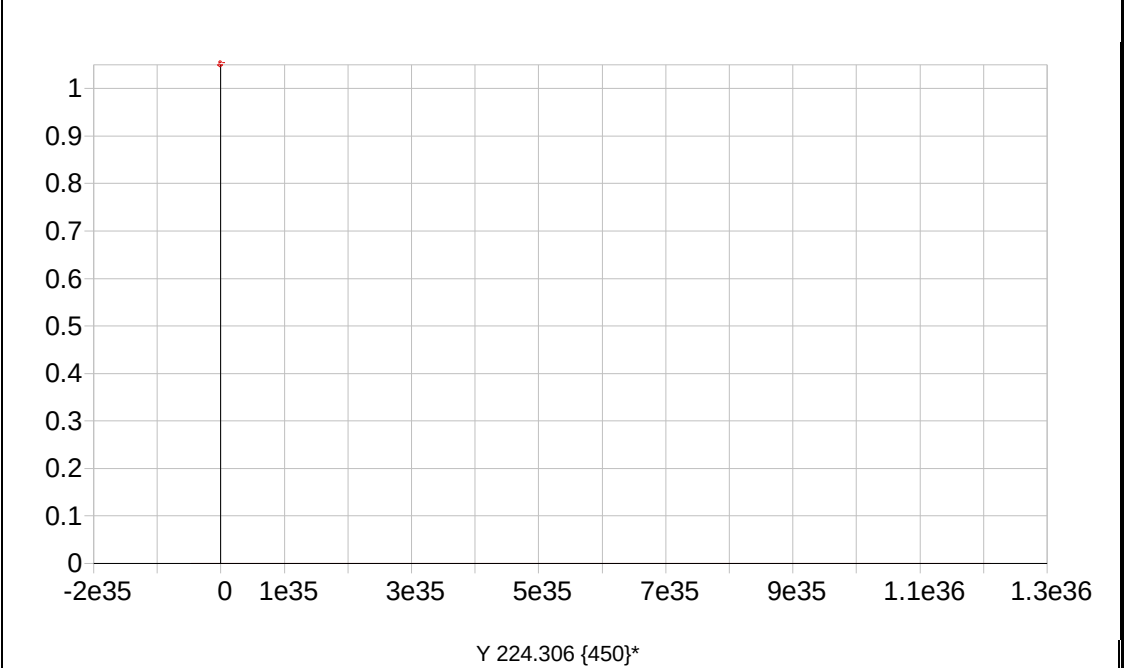
A0 (Offset): 0.002343 Re-Slope: 1.000000
 A1 (Gain): 1.658233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999870 Status: OK.
 Std Error of Est: 0.001005
 Predicted MDL: 0.000843
 Predicted MQL: 0.002809

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00235	.001	1
S5	10.000	10.150	.150	1.50	16.834	.041	1
S4	5.0000	4.9062	-.094	-1.88	8.1379	.018	1
S3	2.5000	2.4671	-.033	-1.32	4.0933	.002	1
S2	1.2500	1.2266	-.023	-1.87	2.0363	.006	1
S1	.05000	.04964	.000	-.711	.08467	.002	1



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
-----------	--------------	-------------	------------	---------	-------	---------	----------



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

Status: Warning Zero Gain

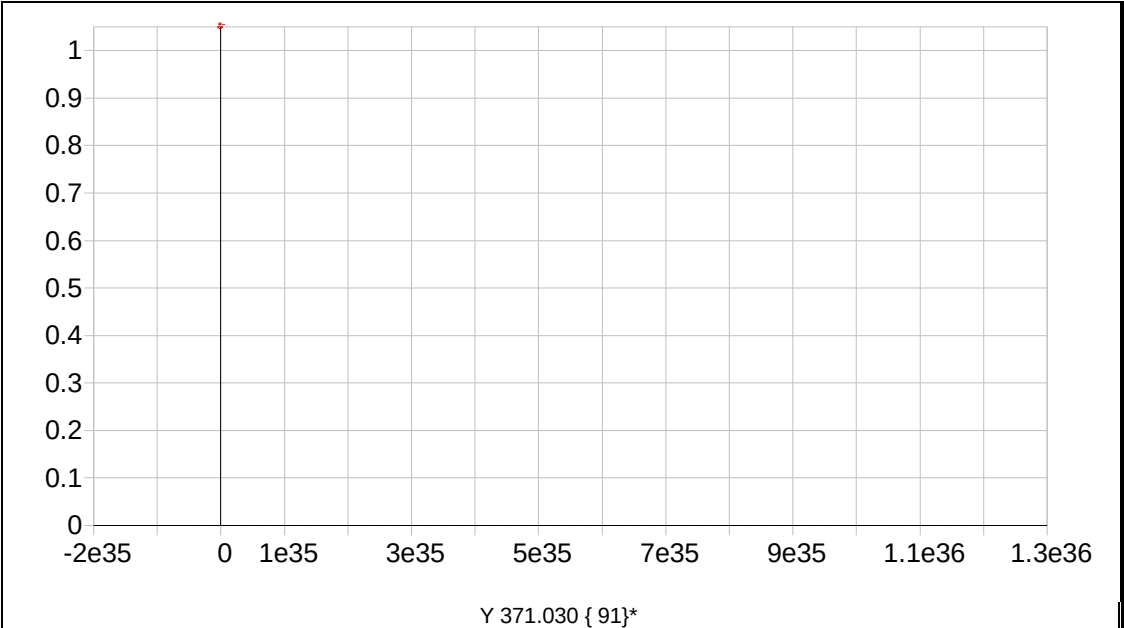
[illegible]

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

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

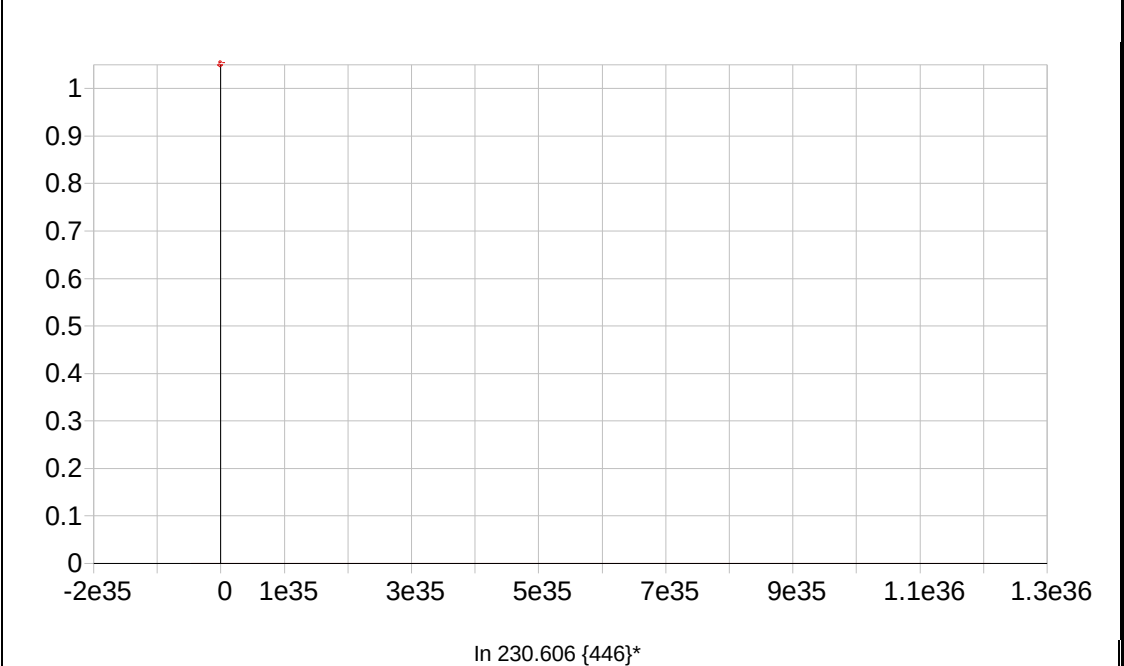
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



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

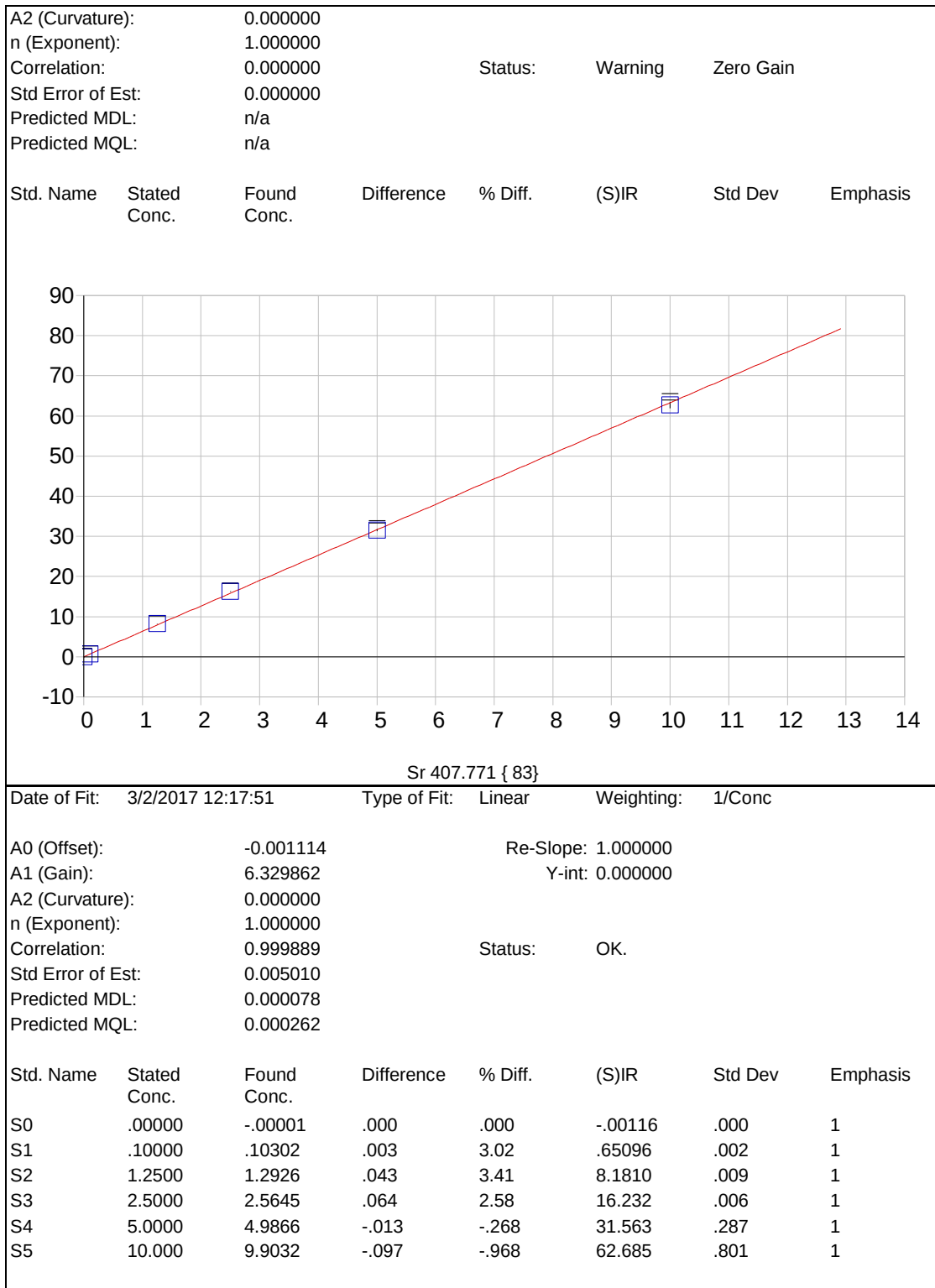
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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



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: 3/2/2017 11:44:01 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	-.00080	-.00011	-.00041	.00074	.00066	-.00043	-.02440	-.00094
Stddev	.00011	.00015	.00026	.00038	.00035	.00072	.00122	.00020
%RSD	13.383	140.06	64.152	51.641	52.744	169.03	4.9891	21.730

#1	-.00092	.00000	-.00071	.00105	.00105	-.00125	-.02464	-.00100
#2	-.00071	-.00028	-.00025	.00084	.00037	.00013	-.02548	-.00071
#3	-.00077	-.00004	-.00026	.00031	.00056	-.00016	-.02308	-.00110

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00066	.00254	-.00001	-.00072	.00056	.00000	-.00007	-.00021
Stddev	.00033	.00016	.00007	.00015	.00019	.00010	.00014	.00007
%RSD	49.885	6.4745	1285.3	21.246	34.198	2975.8	190.23	31.517

#1	.00028	.00237	-.00006	-.00054	.00075	.00001	.00002	-.00020
#2	.00081	.00255	-.00003	-.00079	.00056	.00010	.00000	-.00015
#3	.00089	.00269	.00007	-.00082	.00037	-.00010	-.00024	-.00028

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	-.00023	-.00052	-.00981	-.00001	-.00125	.03937	-.00046	.00160
Stddev	.00025	.00005	.00062	.00023	.02709	.00089	.00004	.00031
%RSD	110.44	8.7763	6.2708	1956.6	2164.9	2.2532	8.1446	19.132

#1	.00000	-.00048	-.00963	-.00015	-.03190	.04002	-.00044	.00150
#2	-.00049	-.00057	-.01049	.00026	.01952	.03836	-.00044	.00194
#3	-.00019	-.00053	-.00930	-.00014	.00862	.03974	-.00051	.00135

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	.00012	.00252	.00186	.00090	.00047	.00235	-.00116	
Stddev	.00019	.00009	.00011	.00008	.00009	.00096	.00028	
%RSD	156.45	3.6990	6.0138	8.5308	19.153	40.816	24.161	

#1	-.00010	.00249	.00178	.00094	.00053	.00124	-.00119	
#2	.00023	.00244	.00199	.00096	.00037	.00290	-.00087	
#3	.00023	.00262	.00181	.00082	.00053	.00290	-.00143	

Sample Name: S0 Acquired: 3/2/2017 11:44:01 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	24.648	1500.7	56171.	7385.4	2250.7
Stddev	.764	8.3	151.	9.0	11.0
%RSD	3.0985	.55065	.26822	.12210	.48678
#1	25.028	1495.5	56036.	7395.4	2242.2
#2	25.147	1496.4	56143.	7383.0	2246.9
#3	23.768	1510.3	56333.	7377.8	2263.0

Sample Name: S1 Acquired: 3/2/2017 11:48:07 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	-.00053	.00065	.00126	.00242	.00642	.01393	.59407	.01070
Stddev	.00016	.00012	.00027	.00014	.00030	.00041	.00476	.00017
%RSD	30.966	18.851	21.687	5.8143	4.6452	2.9354	.80179	1.5680

#1	-.00046	.00075	.00157	.00258	.00657	.01353	.58934	.01058
#2	-.00071	.00051	.00103	.00235	.00661	.01393	.59403	.01089
#3	-.00041	.00069	.00119	.00232	.00608	.01435	.59886	.01062

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	.00993	.04273	.00124	.02530	.00407	.00133	.00272	.00513
Stddev	.00010	.00037	.00005	.00017	.00045	.00013	.00006	.00012
%RSD	1.0084	.86316	4.3482	.66934	10.951	9.9911	2.2841	2.4054

#1	.01005	.04238	.00130	.02535	.00366	.00118	.00279	.00514
#2	.00989	.04270	.00119	.02511	.00455	.00140	.00271	.00501
#3	.00986	.04311	.00122	.02543	.00401	.00141	.00266	.00526

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	.02048	.00123	.02849	.00284	.07242	.16690	-.00012	.00855
Stddev	.00022	.00002	.00143	.00012	.06761	.00120	.00009	.00022
%RSD	1.0616	1.8706	5.0116	4.1055	93.354	.71900	77.411	2.5201

#1	.02031	.00124	.02912	.00294	.07808	.16599	-.00003	.00848
#2	.02072	.00120	.02686	.00287	.00216	.16647	-.00021	.00879
#3	.02040	.00124	.02950	.00272	.13702	.16826	-.00011	.00838

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	.00541	.00417	.05028	.00126	.03281	.08467	.65096	
Stddev	.00005	.00010	.00019	.00006	.00050	.00157	.00165	
%RSD	.99777	2.2912	.37030	4.6451	1.5373	1.8511	.25311	

#1	.00546	.00419	.05050	.00127	.03336	.08286	.65070	
#2	.00536	.00406	.05019	.00131	.03269	.08561	.64947	
#3	.00539	.00425	.05016	.00119	.03237	.08553	.65273	

Sample Name: S1 Acquired: 3/2/2017 11:48:07 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	24.083	1492.0	57079.	7673.0	2248.8
Stddev	.623	4.3	61.	26.9	6.8
%RSD	2.5862	.28931	.10654	.35113	.30417
#1	23.385	1487.1	57085.	7680.2	2242.2
#2	24.281	1493.6	57136.	7695.5	2248.3
#3	24.582	1495.4	57015.	7643.1	2255.9

Sample Name: S2 Acquired: 3/2/2017 11:52:16 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.03465	.04224	.80848	.05422	.11830	2.8362	9.7412	.27560
Stddev	.00023	.00029	.00335	.00036	.00080	.0081	.0138	.00141
%RSD	.66397	.69681	.41396	.65945	.67267	.28583	.14185	.50996

#1	.03450	.04251	.81233	.05453	.11921	2.8431	9.7560	.27633
#2	.03492	.04229	.80682	.05429	.11774	2.8273	9.7390	.27648
#3	.03455	.04193	.80629	.05383	.11794	2.8382	9.7286	.27398

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	1.1995	2.4756	.44857	.33742	.52520	.49243	.62748	.33201
Stddev	.0040	.0051	.00121	.00191	.00061	.00075	.00071	.00057
%RSD	.33496	.20692	.26904	.56509	.11655	.15166	.11247	.17080

#1	1.2037	2.4810	.44947	.33938	.52489	.49325	.62772	.33266
#2	1.1989	2.4708	.44720	.33730	.52480	.49179	.62669	.33172
#3	1.1958	2.4748	.44904	.33557	.52590	.49224	.62804	.33164

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	.33278	.05278	.28296	.03223	6.0875	1.0082	.02901	.32978
Stddev	.00151	.00014	.00103	.00024	.2923	.0030	.00014	.00202
%RSD	.45374	.25871	.36321	.75781	4.8015	.29628	.49987	.61321

#1	.33426	.05293	.28381	.03250	5.7511	1.0116	.02916	.32836
#2	.33284	.05272	.28182	.03213	6.2788	1.0061	.02888	.33210
#3	.33124	.05267	.28325	.03205	6.2327	1.0068	.02898	.32889

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	.65617	.02828	.25229	.08110	.39890	2.0363	8.1810	
Stddev	.00249	.00029	.00125	.00032	.00178	.0058	.0090	
%RSD	.38010	1.0104	.49549	.39146	.44720	.28656	.11049	

#1	.65883	.02860	.25348	.08131	.40083	2.0424	8.1913	
#2	.65580	.02804	.25240	.08127	.39732	2.0308	8.1775	
#3	.65388	.02821	.25099	.08074	.39854	2.0358	8.1743	

Sample Name: S2 Acquired: 3/2/2017 11:52:16 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	23.876	1392.8	53058.	7414.7	1937.8
Stddev	.743	8.0	214.	26.3	12.4
%RSD	3.1120	.57721	.40394	.35449	.63743
#1	24.689	1385.9	52873.	7396.4	1925.8
#2	23.231	1390.9	53293.	7402.7	1937.2
#3	23.709	1401.6	53009.	7444.8	1950.5

Sample Name: S3 Acquired: 3/2/2017 11:56:11 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.06946	.08306	1.6144	.10754	.23534	5.7045	19.302	.55623
Stddev	.00016	.00046	.0017	.00012	.00035	.0134	.014	.00214
%RSD	.23643	.54901	.10731	.11149	.14732	.23425	.07161	.38460

#1	.06959	.08272	1.6146	.10757	.23574	5.6954	19.318	.55402
#2	.06952	.08287	1.6160	.10765	.23519	5.6983	19.291	.55829
#3	.06928	.08357	1.6126	.10741	.23509	5.7199	19.299	.55637

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	2.3942	4.8168	.87477	.67688	1.0413	.95202	1.2159	.66196
Stddev	.0005	.0112	.00205	.00049	.0020	.00123	.0010	.00151
%RSD	.02015	.23332	.23454	.07226	.19515	.12887	.07998	.22789

#1	2.3946	4.8048	.87679	.67633	1.0417	.95081	1.2157	.66049
#2	2.3937	4.8184	.87481	.67728	1.0391	.95326	1.2150	.66188
#3	2.3942	4.8271	.87269	.67702	1.0431	.95199	1.2169	.66350

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	.66516	.10577	.56471	.06429	12.200	1.9873	.06055	.64478
Stddev	.00072	.00053	.00141	.00038	.433	.0062	.00016	.00299
%RSD	.10769	.50161	.24894	.59374	3.5486	.30950	.26393	.46345

#1	.66433	.10638	.56585	.06458	12.502	1.9830	.06037	.64142
#2	.66559	.10549	.56314	.06386	12.394	1.9845	.06060	.64578
#3	.66555	.10543	.56515	.06442	11.704	1.9943	.06068	.64714

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	1.2889	.05629	.49007	.16214	.79231	4.0933	16.232	
Stddev	.0035	.00024	.00255	.00006	.00256	.0024	.006	
%RSD	.27124	.43473	.52016	.03926	.32290	.05880	.03773	

#1	1.2887	.05640	.48720	.16214	.78961	4.0938	16.231	
#2	1.2926	.05601	.49096	.16208	.79262	4.0907	16.226	
#3	1.2856	.05645	.49206	.16220	.79470	4.0955	16.238	

Sample Name: S3 Acquired: 3/2/2017 11:56:11 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	23.342	1343.6	51797.	7307.1	1810.3
Stddev	.974	4.5	209.	14.6	4.5
%RSD	4.1733	.33376	.40270	.20014	.24956
#1	22.649	1341.0	51558.	7321.1	1807.3
#2	22.920	1341.1	51892.	7291.9	1808.1
#3	24.456	1348.8	51941.	7308.2	1815.5

Sample Name: S4 Acquired: 3/2/2017 12:00:06 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.14038	.16003	3.1633	.21221	.46925	11.301	37.177	1.0924
Stddev	.00146	.00035	.0041	.00062	.00036	.029	.599	.0050
%RSD	1.0432	.22013	.12825	.29393	.07643	.25240	1.6102	.45547

#1	.14200	.16037	3.1647	.21157	.46911	11.310	37.831	1.0973
#2	.14002	.15966	3.1664	.21282	.46899	11.324	37.042	1.0925
#3	.13914	.16006	3.1587	.21224	.46966	11.269	36.657	1.0874

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6946	9.3211	1.6795	1.3383	2.0460	1.8069	2.3412	1.3151
Stddev	.0094	.0286	.0038	.0024	.0028	.0057	.0071	.0034
%RSD	.19990	.30645	.22529	.17762	.13689	.31474	.30275	.26144

#1	4.7006	9.3530	1.6762	1.3396	2.0464	1.8134	2.3482	1.3182
#2	4.6995	9.3123	1.6787	1.3398	2.0486	1.8030	2.3414	1.3157
#3	4.6838	9.2980	1.6836	1.3356	2.0430	1.8042	2.3340	1.3114

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	1.3057	.21334	1.1083	.12465	24.707	3.9343	.12485	1.2417
Stddev	.0023	.00065	.0020	.00048	1.349	.0034	.00047	.0060
%RSD	.17612	.30408	.17712	.38112	5.4607	.08514	.37920	.48060

#1	1.3071	.21273	1.1070	.12513	24.673	3.9307	.12479	1.2476
#2	1.3070	.21328	1.1074	.12464	23.375	3.9350	.12534	1.2419
#3	1.3030	.21402	1.1106	.12418	26.072	3.9373	.12440	1.2357

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	2.5078	.11343	.93782	.32095	1.5496	8.1379	31.563	
Stddev	.0028	.00011	.00728	.00050	.0050	.0184	.287	
%RSD	.11279	.09812	.77578	.15471	.32030	.22548	.91018	

#1	2.5110	.11342	.94449	.32091	1.5549	8.1168	31.232	
#2	2.5055	.11332	.93892	.32147	1.5489	8.1502	31.736	
#3	2.5069	.11354	.93006	.32048	1.5451	8.1468	31.723	

Sample Name: S4 Acquired: 3/2/2017 12:00:06 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	22.008	1289.4	50243.	7245.8	1688.9
Stddev	1.164	2.7	113.	44.8	4.1
%RSD	5.2866	.20733	.22411	.61852	.24008
#1	22.129	1286.6	50334.	7205.9	1684.6
#2	23.106	1291.9	50277.	7237.3	1689.5
#3	20.788	1289.9	50117.	7294.3	1692.7

Sample Name: S5 Acquired: 3/2/2017 12:04:11 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.29680	.31371	6.3641	.44151	.99612	23.171	74.509	2.2147
Stddev	.00155	.00038	.0044	.00158	.00335	.039	.870	.0181
%RSD	.52368	.12137	.06904	.35770	.33655	.16865	1.1679	.81871

#1	.29546	.31344	6.3612	.44050	.99456	23.158	75.328	2.2326
#2	.29643	.31414	6.3620	.44070	.99383	23.140	74.603	2.1964
#3	.29850	.31355	6.3692	.44333	.99997	23.215	73.595	2.2151

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.3750	18.616	3.2857	2.7061	4.1568	3.5236	4.6061	2.6708
Stddev	.0115	.025	.0099	.0019	.0006	.0041	.0019	.0048
%RSD	.12265	.13507	.30047	.07151	.01325	.11748	.04006	.17866

#1	9.3652	18.640	3.2882	2.7041	4.1565	3.5263	4.6065	2.6763
#2	9.3721	18.590	3.2749	2.7080	4.1565	3.5256	4.6041	2.6686
#3	9.3877	18.617	3.2941	2.7063	4.1575	3.5188	4.6077	2.6676

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	2.6216	.45159	2.2522	.24981	50.544	8.1126	.26163	2.4023
Stddev	.0015	.00061	.0032	.00148	2.699	.0212	.00012	.0156
%RSD	.05690	.13530	.14200	.59431	5.3393	.26091	.04599	.64744

#1	2.6219	.45153	2.2486	.25150	48.868	8.1321	.26151	2.4196
#2	2.6199	.45101	2.2548	.24871	49.107	8.0901	.26164	2.3894
#3	2.6228	.45223	2.2532	.24923	53.657	8.1156	.26175	2.3980

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	5.0899	.23630	1.8534	.64559	3.1135	16.834	62.685	
Stddev	.0154	.00088	.0143	.00236	.0028	.041	.801	
%RSD	.30161	.37294	.77344	.36568	.08851	.24225	1.2783	

#1	5.0811	.23529	1.8698	.64375	3.1140	16.795	63.609	
#2	5.0810	.23690	1.8431	.64476	3.1105	16.831	62.260	
#3	5.1076	.23672	1.8474	.64825	3.1159	16.877	62.186	

Sample Name: S5 Acquired: 3/2/2017 12:04:11 Type: Cal
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	20.523	1172.2	47388.	7050.6	1518.3
Stddev	.955	2.2	39.	46.0	3.5
%RSD	4.6542	.19083	.08214	.65249	.22930
#1	21.062	1171.5	47371.	6997.5	1514.8
#2	21.088	1174.6	47360.	7078.0	1518.1
#3	19.420	1170.3	47432.	7076.4	1521.8

Sample Name: S6 Acquired: 3/2/2017 12:08:20 Type: Cal
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	60.449	29.934	9.1243	4.2333	6.1289
Stddev	.258	.035	.0230	.0055	.0092
%RSD	.42689	.11533	.25152	.13029	.14933

#1	60.619	29.961	9.1375	4.2377	6.1273
#2	60.576	29.946	9.1376	4.2350	6.1388
#3	60.152	29.895	9.0978	4.2271	6.1207

Int. Std.	Y_3710
Units	Cts/S
Avg	6857.7
Stddev	10.8
%RSD	.15818

#1	6847.5
#2	6856.5
#3	6869.1

Sample Name: ICV Acquired: 3/2/2017 12:12:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.9707262	1.104702	.9268218	.9968996	.9913191	2.499136
Stddev	.0059583	.011327	.0020522	.0053041	.0013931	.005895
%RSD	.6138001	1.025343	.2214226	.5320594	.1405277	.2358837

#1	.9691821	1.117608	.9272308	.9978306	.9897764	2.493045
#2	.9656919	1.100088	.9286386	.9911917	.9916958	2.504813
#3	.9773046	1.096410	.9245958	1.001677	.9924851	2.499550

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5293502	.5154117	.4860222	10.67846	.5357310	.4904875
Stddev	.0009010	.0043229	.0016198	.07780	.0020605	.0015259
%RSD	.1702031	.8387339	.3332717	.7286119	.3846191	.3111033

#1	.5283349	.5111334	.4874767	10.62939	.5380488	.4910244
#2	.5296613	.5153237	.4863134	10.63782	.5350376	.4916725
#3	.5300544	.5197779	.4842766	10.76817	.5341066	.4887657

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5240763	5.571200	.5447140	5.802458	.5001214	.4840135
Stddev	.0036097	.029144	.0025940	.101446	.0010317	.0011593
%RSD	.6887812	.5231164	.4762118	1.748331	.2062948	.2395101

#1	.5205053	5.539321	.5423237	5.686822	.5003667	.4844658
#2	.5277236	5.577804	.5443459	5.844069	.5010083	.4848784
#3	.5240001	5.596476	.5474724	5.876482	.4989891	.4826962

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.611321	F .5657321	.9418802	9.815533	F .0014553	F .0061257
Stddev	.064902	.0099464	.0235991	.024881	.0039493	.0015597
%RSD	.6752652	1.758154	2.505528	.2534893	271.3759	25.46078

#1	9.677714	.5584473	.9690742	9.843148	.0054233	.0059070
#2	9.608228	.5616848	.9297940	9.794862	-.002475	.0077832
#3	9.548021	.5770641	.9267725	9.808588	.001418	.0046870

Sample Name: ICV Acquired: 3/2/2017 12:12:35 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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 -.000872	-.006544	-.000839	F -.000465	.0002291	.0029574
Stddev	.001126	.005433	.000907	.001368	.0005539	.0006077
%RSD	129.0433	83.01843	108.0862	294.2844	241.7635	20.54750

#1	.000227	-.010852	.000130	-.000930	-.000146	.0028608
#2	-.002022	-.000441	-.000979	.001075	-.000032	.0024038
#3	-.000822	-.008340	-.001669	-.001539	.000865	.0036076

Elem	Sr4077
Units	ppm
Avg	.0122370
Stddev	.0000541
%RSD	.4419016

#1	.0122981
#2	.0122175
#3	.0121954

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.63644	1440.029	55441.71	7354.948	2140.663
Stddev	.85225	1.642	108.30	47.506	2.771
%RSD	3.459296	.1140230	.1953365	.6459093	.1294240

#1	23.82436	1441.577	55333.63	7392.971	2138.663
#2	25.52385	1438.307	55441.30	7370.178	2139.501
#3	24.56110	1440.203	55550.22	7301.694	2143.825

Sample Name: ICB Acquired: 3/2/2017 12:19:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	-.007091	.0005072	-.001420	.0007099	.0002956	-.000424	-.002434
Stddev	.007393	.0036069	.001018	.0047023	.0019138	.002981	.000355
%RSD	104.2503	711.1488	71.67400	662.4009	647.5444	703.0938	14.59259

#1	-.013739	.0042854	-.001670	.0045159	.0002699	-.003476	-.002756
#2	-.008405	.0001359	-.002290	-.004547	.0022221	-.000278	-.002053
#3	.000870	-.002900	-.000301	.002161	-.001605	.002481	-.002492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000650	.0000287	-.016332	.0000828	.0001978	-.000395	-.005060
Stddev	.0000900	.0001118	.005783	.0004166	.0003088	.000553	.016169
%RSD	138.6227	389.5854	35.41183	502.9748	156.1556	140.0356	319.5457

#1	.0000610	.0000221	-.022991	-.000068	.0001093	-.000192	.012999
#2	.0001569	.0001436	-.013441	.000554	-.000057	-.001022	-.009988
#3	-.000023	-.000080	-.012564	-.000237	.000541	.000028	-.018191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004509	.0186931	.0002839	.0001547	-.067113	.0020595	-.026957
Stddev	.0008211	.0506775	.0007976	.0002355	.076896	.0033804	.024903
%RSD	182.1107	271.1027	280.9568	152.1840	114.5776	164.1350	92.37868

#1	.0002940	-.030193	.0012035	-.000111	-.013819	.0022448	-.000861
#2	-.000280	.015283	-.000131	.000238	-.032255	.0053434	-.029546
#3	.001339	.070990	-.000221	.000337	-.155264	-.001410	-.050464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.160581	-.003432	.0005355	-.000118	.0064684	-.002745	.0016225
Stddev	.028789	.004617	.0007811	.000558	.0084638	.001478	.0016591
%RSD	17.92797	134.5268	145.8579	470.5572	130.8497	53.84722	102.2563

#1	-.170259	-.001225	.0014363	-.000725	.0157236	-.004362	.0028535
#2	-.183283	-.008738	.0000463	.000371	.0045597	-.002409	.0022782
#3	-.128200	-.000333	.0001239	-.000001	-.000878	-.001464	-.000264

Sample Name: ICB Acquired: 3/2/2017 12:19:13 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.0011474	.0016677	-.000046
Stddev	.0004115	.0003513	.000032
%RSD	35.86495	21.06756	69.93922

#1	.0014500	.0012804	-.000017
#2	.0006788	.0019660	-.000080
#3	.0013134	.0017566	-.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.87944	1466.237	56399.72	7444.658	2255.629
Stddev	.32488	13.891	244.97	36.375	18.785
%RSD	1.305828	.9474115	.4343521	.4885998	.8328153

#1	25.01750	1455.173	56120.78	7405.475	2239.296
#2	24.50833	1461.710	56498.48	7451.150	2251.433
#3	25.11250	1481.827	56579.90	7477.350	2276.157

Sample Name: ICSA Acquired: 3/2/2017 12:23:21 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.0059792	-.000784	-.000439	.0079736	.0056138	244.4101
Stddev	.0135756	.003572	.000632	.0100123	.0012292	.0868
%RSD	227.0457	455.6900	143.9678	125.5688	21.89590	.0355039

#1	.0115747	-.003812	.000275	.0194156	.0068538	244.4263
#2	-.009500	-.001695	-.000927	.0008183	.0055921	244.4876
#3	.015863	.003156	-.000664	.0036868	.0043957	244.3163

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038625	.0010652	.0016854	245.4287	.0475310	-.001413
Stddev	.0001843	.0000834	.0000728	.5289	.0007770	.000107
%RSD	4.771365	7.827073	4.319624	.2154958	1.634760	7.552519

#1	.0040273	.0011310	.0017319	244.8315	.0466501	-.001290
#2	.0036635	.0010931	.0017227	245.6169	.0478244	-.001474
#3	.0038966	.0009715	.0016015	245.8378	.0481187	-.001475

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175558	100.9171	.0099985	247.3903	.0000076	-.005835
Stddev	.0003290	.1738	.0003602	.3400	.0002189	.000237
%RSD	1.874264	.1722376	3.602748	.1374499	2871.213	4.055254

#1	.0178920	100.7861	.0096513	247.4408	.0002554	-.006105
#2	.0172344	101.1143	.0099736	247.7024	-.000073	-.005735
#3	.0175411	100.8510	.0103705	247.0279	-.000160	-.005664

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.136328	.0029221	.0169332	-.348081	-.010231	F .0332460
Stddev	.058928	.0051262	.0146178	.025921	.004998	.0006517
%RSD	43.22480	175.4301	86.32638	7.446864	48.85462	1.960382

#1	-.068726	.0050410	.0205423	-.377860	-.009447	.0338399
#2	-.176833	.0066492	.0294084	-.330586	-.005672	.0325488
#3	-.163426	-.002924	.0008489	-.335796	-.015576	.0333494

Sample Name: ICSA Acquired: 3/2/2017 12:23:21 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	-.001904	.0032057	-.007090	-.005874	-.001042	.0031595
Stddev	.001421	.0053069	.001669	.004670	.000466	.0006219
%RSD	74.60811	165.5478	23.54824	79.51522	44.71348	19.68328

#1	-.000550	.0059556	-.008025	-.009667	-.001426	.0035662
#2	-.003383	.0065733	-.008082	-.000657	-.000524	.0024436
#3	-.001780	-.002912	-.005162	-.007296	-.001177	.0034688

Elem	Sr4077
Units	ppm
Avg	.1015341
Stddev	.0002301
%RSD	.2266203

#1	.1013782
#2	.1017983
#3	.1014257

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.39732	1356.289	51585.02	7364.646	1802.931
Stddev	.65775	5.928	102.09	17.716	7.407
%RSD	2.696013	.4371102	.1979046	.2405589	.4108248

#1	25.13978	1351.963	51469.00	7367.113	1794.603
#2	24.16467	1353.857	51624.95	7345.826	1805.410
#3	23.88750	1363.047	51661.11	7381.000	1808.780

Sample Name: ICSAB Acquired: 3/2/2017 12:27:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.1041494	.0962212	.0415906	.0541836	.5980524	254.1177
Stddev	.0058600	.0032704	.0034076	.0104365	.0037510	.3352
%RSD	5.626494	3.398818	8.193316	19.26144	.6272070	.1319194

#1	.0975989	.0991598	.0428134	.0424558	.5952644	254.1523
#2	.1088934	.0968060	.0442182	.0624485	.5965757	254.4343
#3	.1059559	.0926979	.0377403	.0576466	.6023170	253.7665

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5370954	.5233502	1.008020	253.2202	.5769351	.5035711
Stddev	.0013022	.0016726	.004572	.2702	.0004167	.0030533
%RSD	.2424509	.3195961	.4535568	.1067212	.0722284	.6063338

#1	.5379455	.5248660	1.009792	253.5102	.5773926	.5040919
#2	.5355962	.5236288	1.011441	252.9754	.5765774	.5063305
#3	.5377444	.5215558	1.002828	253.1751	.5768352	.5002908

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5390554	103.5217	.5397018	253.9688	1.009963	.1971162
Stddev	.0049785	.1459	.0003699	.3714	.005099	.0006748
%RSD	.9235540	.1409405	.0685350	.1462372	.5048249	.3423252

#1	.5358920	103.5712	.5396260	254.3930	1.010829	.1978867
#2	.5447940	103.3574	.5401037	253.8113	1.014573	.1966305
#3	.5364801	103.6363	.5393757	253.7021	1.004487	.1968315

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.174038	.5605377	1.003163	-.485976	-.014357	F .3576124
Stddev	.064702	.0128715	.030616	.035022	.003755	.0018366
%RSD	37.17724	2.296281	3.051964	7.206626	26.15443	.5135611

#1	-.154386	.5638902	.971956	-.491184	-.015261	.3596231
#2	-.246288	.5714013	1.004383	-.448641	-.017578	.3560233
#3	-.121440	.5463217	1.033152	-.518103	-.010233	.3571909

Sample Name: ICSAB Acquired: 3/2/2017 12:27:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3196753	.0030640	.3174156	F .3256790	.3359200	.0030409
Stddev	.0030240	.0062703	.0017932	.0096559	.0009015	.0006221
%RSD	.9459638	204.6473	.5649329	2.964837	.2683790	20.45727

#1	.3225976	.0080497	.3164301	.3198493	.3360572	.0037563
#2	.3198694	-.003976	.3163314	.3368247	.3349578	.0026272
#3	.3165590	.005118	.3194854	.3203631	.3367451	.0027392

Elem	Sr4077
Units	ppm
Avg	3.662908
Stddev	.000934
%RSD	.0254858

#1	3.661845
#2	3.663596
#3	3.663283

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	22.55969	1331.967	50706.77	7231.364	1769.584
Stddev	.90239	10.003	103.46	34.579	10.651
%RSD	3.999991	.7510102	.2040366	.4781834	.6019192

#1	22.53675	1323.960	50619.48	7209.747	1761.383
#2	23.47333	1328.760	50679.78	7213.100	1765.747
#3	21.66900	1343.180	50821.05	7271.246	1781.623

Sample Name: CCV023 Acquired: 3/2/2017 12:31:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.852599	4.746085	24.24458	4.834029	4.850294	408.4050	9.870651
Stddev	.013829	.007161	.05734	.030662	.024780	.9415	.124903
%RSD	.2849772	.1508771	.2365014	.6342930	.5108941	.2305313	1.265399

#1	4.866946	4.753239	24.29508	4.846205	4.874040	409.4100	9.999700
#2	4.851496	4.738917	24.25642	4.856732	4.852247	407.5434	9.750354
#3	4.839354	4.746099	24.18225	4.799149	4.824596	408.2616	9.861901

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5014083	2.433445	402.9973	15.10365	2.430023	15.00077	401.8796
Stddev	.0016586	.004172	1.4548	.02571	.004522	.00838	1.0424
%RSD	.3307775	.1714572	.3609903	.1702220	.1860773	.0558944	.2593743

#1	.5027874	2.437521	403.9343	15.09957	2.434893	15.00902	402.7404
#2	.4995680	2.433632	401.3214	15.08023	2.429218	15.00103	400.7207
#3	.5018696	2.429183	403.7362	15.13116	2.425958	14.99225	402.1779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47323	398.1137	2.426507	1.227999	396.6871	2.492177	14.72125
Stddev	.03615	1.4998	.005745	.002495	.4354	.005129	.48034
%RSD	.2497795	.3767145	.2367667	.2031910	.1097537	.2058191	3.262876

#1	14.50519	399.2270	2.429391	1.225274	397.1342	2.491811	14.18126
#2	14.43400	396.4083	2.430240	1.228551	396.6625	2.487240	15.10091
#3	14.48051	398.7060	2.419891	1.230172	396.2645	2.497479	14.88161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.2492	4.993534	4.856426	4.792016	4.975862	4.908911	4.857061
Stddev	.0871	.009830	.003537	.015164	.032035	.014671	.010001
%RSD	.0572301	.1968636	.0728250	.3164400	.6437983	.2988599	.2059106

#1	152.3377	5.001200	4.854633	4.809398	4.964632	4.924254	4.864026
#2	152.1635	4.996951	4.860500	4.785152	4.950954	4.895021	4.861556
#3	152.2463	4.982451	4.854145	4.781498	5.011999	4.907458	4.845601

Sample Name: CCV023 Acquired: 3/2/2017 12:31:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.981694	5.045826	5.047043
Stddev	.013050	.015676	.007633
%RSD	.2619635	.3106649	.1512351

#1	4.991732	5.057263	5.055849
#2	4.966942	5.052258	5.042960
#3	4.986408	5.027958	5.042321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	20.60595	1212.680	47603.82	7000.293	1544.141
Stddev	.72817	5.091	70.45	23.491	5.530
%RSD	3.533805	.4197898	.1479913	.3355710	.3581379

#1	21.43155	1207.309	47594.16	6980.129	1539.685
#2	20.05520	1213.296	47678.60	7026.087	1542.408
#3	20.33111	1217.434	47538.70	6994.662	1550.330

Sample Name: CCB023 Acquired: 3/2/2017 12:35:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009333	.0043332	.0009431	-.001678	.0014940	-.001184	-.002071
Stddev	.002653	.0065818	.0004859	.008752	.0027841	.004704	.000202
%RSD	28.43064	151.8923	51.51696	521.5278	186.3608	397.2481	9.732734

#1	-.010783	.0046874	.0004201	-.011759	.0031394	.002503	-.002141
#2	-.006270	-.002419	.0013805	.003986	-.001721	.000427	-.002228
#3	-.010945	.010731	.0010286	.002739	.003063	-.006482	-.001844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001958	-.000040	-.014852	.0001250	.0003935	.0032183	-.005232
Stddev	.0000224	.000158	.010299	.0005121	.0003790	.0017787	.017929
%RSD	11.44248	395.0848	69.34299	409.7050	96.32368	55.26872	342.6728

#1	.0001770	.000045	-.025044	.0001212	.0000402	.0013573	-.024435
#2	.0002206	-.000223	-.015064	.0006390	.0003464	.0049013	-.002328
#3	.0001898	.000058	-.004449	-.000385	.0007939	.0033963	.011067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014662	-.031384	.0002708	-.000049	-.116639	-.001168	-.018571
Stddev	.0009063	.038551	.0006928	.000338	.060441	.002812	.016912
%RSD	61.81447	122.8377	255.8660	685.8965	51.81863	240.8460	91.06628

#1	.0013861	-.028957	-.000374	-.000315	-.168651	-.004413	-.037774
#2	.0024099	-.071091	.000184	-.000165	-.050332	.000367	-.012042
#3	.0006025	.005897	.001003	.000331	-.130933	.000544	-.005897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.165121	-.002704	.0045064	.0001551	.0087966	-.002555	-.000904
Stddev	.039359	.011469	.0016128	.0000313	.0108107	.000486	.001703
%RSD	23.83624	424.0751	35.78768	20.15447	122.8967	19.01951	188.3601

#1	-.131716	.006615	.0063456	.0001763	.0204860	-.003003	.000860
#2	-.208510	-.015512	.0038402	.0001698	-.000841	-.002625	-.001034
#3	-.155135	.000785	.0033336	.0001192	.006745	-.002038	-.002538

Sample Name: CCB023 Acquired: 3/2/2017 12:35:24 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB023 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000259	.0013476	.0000192
Stddev	.001713	.0001491	.0000438
%RSD	662.0134	11.06750	228.2709

#1	.000200	.0013818	-.000031
#2	-.002154	.0011843	.000038
#3	.001178	.0014767	.000051

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.64250	1451.259	55718.94	7349.308	2231.651
Stddev	.57530	13.264	165.16	11.990	15.502
%RSD	2.433310	.9139348	.2964119	.1631507	.6946419

#1	22.97833	1440.000	55620.28	7336.475	2218.966
#2	23.96333	1447.897	55626.93	7360.225	2227.056
#3	23.98583	1465.880	55909.60	7351.225	2248.931

Sample Name: PB97257BL Acquired: 3/2/2017 12:39:33 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	-.009093	-.004606	.0004673	.0009541	.0018458	-.000338	-.001791
Stddev	.013014	.002970	.0009690	.0047137	.0017101	.002081	.000284
%RSD	143.1205	64.48502	207.3838	494.0745	92.64857	614.8399	15.83958

#1	-.006124	-.005790	.0007304	-.000342	.0034363	.000327	-.001744
#2	.002180	-.006802	.0012775	-.002976	.0020641	.001329	-.002095
#3	-.023335	-.001227	-.000606	.006180	.0000370	-.002671	-.001534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002308	.0001662	-.014899	.0000852	-.000119	-.001453	.0070692
Stddev	.0000331	.0000207	.003072	.0003029	.000310	.002835	.0283122
%RSD	14.36256	12.45199	20.61965	355.5498	261.2173	195.0890	400.4984

#1	.0002663	.0001895	-.013723	-.000227	-.000475	-.004578	.0021328
#2	.0002006	.0001588	-.018385	.000377	.000032	-.000739	.0375250
#3	.0002257	.0001502	-.012588	.000106	.000087	.000956	-.018450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012136	.0200902	.0001676	.0001439	-.084801	.0054022	-.029809
Stddev	.0009682	.0067484	.0002425	.0001343	.060255	.0028362	.007909
%RSD	79.77974	33.59063	144.6571	93.31545	71.05492	52.50103	26.53192

#1	.0001013	.0128798	.0003544	.0002633	-.097150	.0046764	-.038601
#2	.0016724	.0211365	-.000106	-.000001	-.137924	.0085308	-.027554
#3	.0018671	.0262544	.000255	.000170	-.019328	.0029995	-.023273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.203289	.0035146	.0006103	.0000756	.0037183	-.003698	.0003812
Stddev	.014561	.0048622	.0006878	.0003447	.0072063	.000986	.0019512
%RSD	7.162585	138.3444	112.6959	455.6487	193.8042	26.66327	511.8483

#1	-.205302	-.000269	.0005920	.0003968	-.000795	-.004145	-.001769
#2	-.216738	.008999	.0013070	.0001187	.012029	-.004381	.002039
#3	-.187826	.001815	-.000068	-.000289	-.000079	-.002568	.000874

Sample Name: PB97257BL Acquired: 3/2/2017 12:39:33 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.0008075	.0002874	-.000096
Stddev	.0009977	.0003264	.000022
%RSD	123.5559	113.5702	22.67225

#1	.0013437	.0002975	-.000072
#2	.0014226	-.000044	-.000105
#3	-.000344	.000609	-.000113

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.70472	1482.200	57346.36	7505.000	2272.020
Stddev	.18296	2.625	93.54	25.066	3.536
%RSD	.7718154	.1770991	.1631211	.3339890	.1556248

#1	23.74750	1479.377	57335.67	7483.275	2268.342
#2	23.50417	1484.567	57444.79	7499.300	2275.394
#3	23.86250	1482.657	57258.62	7532.425	2272.324

Sample Name: I2019-01 Acquired: 3/2/2017 12:47:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0976811	-.002949	21.59815	-.003273	.0025059	79.02645	9.334771
Stddev	.0057162	.009980	.05597	.003428	.0032736	.22816	.092892
%RSD	5.851885	338.3634	.2591350	104.7547	130.6327	.2887114	.9951203

#1	.1006003	.008361	21.65591	-.002040	-.000944	78.76716	9.304100
#2	.1013482	-.010518	21.54416	-.007147	.005569	79.11566	9.261094
#3	.0910947	-.006691	21.59438	-.000631	.002893	79.19652	9.439121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103179	.0984385	342.3278	.1230718	.2547235	.6120410	204.4199
Stddev	.0002928	.0004040	1.1969	.0006165	.0007357	.0027855	.8757
%RSD	2.838149	.4103825	.3496247	.5009387	.2888127	.4551186	.4284010

#1	.0099828	.0987639	341.3024	.1228243	.2553995	.6110095	203.6065
#2	.0105246	.0979864	342.0380	.1237736	.2548309	.6151951	204.3064
#3	.0104462	.0985653	343.6429	.1226176	.2539400	.6099183	205.3469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.10710	150.9534	.2718001	-.005018	.6113925	.2628793	5.824127
Stddev	.06996	.6840	.0010055	.000597	.0387772	.0016663	.133592
%RSD	.3661453	.4531482	.3699234	11.88821	6.342448	.6338752	2.293772

#1	19.04433	150.2282	.2724581	-.004345	.5939249	.2647967	5.939389
#2	19.09444	151.0450	.2722994	-.005227	.5844215	.2620602	5.677710
#3	19.18252	151.5870	.2706427	-.005482	.6558312	.2617811	5.855282

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.151459	5.336247	.0874309	-.000618	6.235944	3.349058	.0098821
Stddev	.024407	.018233	.0018685	.000327	.018037	.024777	.0029611
%RSD	.3967604	.3416890	2.137078	52.91026	.2892368	.7398124	29.96425

#1	6.131388	5.354259	.0854860	-.000252	6.256150	3.335428	.0131186
#2	6.178628	5.317800	.0875946	-.000722	6.230213	3.334089	.0092189
#3	6.144361	5.336681	.0892122	-.000880	6.221469	3.377657	.0073089

Sample Name: I2019-01 Acquired: 3/2/2017 12:47:51 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5109305	.0497304	.1969337
Stddev	.0022303	.0003579	.0003852
%RSD	.4365098	.7196033	.1956094

#1	.5085575	.0496298	.1965007
#2	.5112505	.0494335	.1972383
#3	.5129835	.0501277	.1970622

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	27.13419	1506.723	59316.50	8447.520	1775.895
Stddev	.56272	5.230	239.63	33.998	5.818
%RSD	2.073857	.3470958	.4039921	.4024670	.3275832

#1	26.67216	1503.036	59114.77	8466.540	1769.619
#2	27.76087	1512.708	59253.34	8467.752	1781.107
#3	26.96953	1504.424	59581.39	8408.269	1776.958

Sample Name: I2019-02 Acquired: 3/2/2017 12:52:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0970929	-.000971	26.06989	-.003732	.0072680	88.59075	11.02123
Stddev	.0083558	.006507	.03997	.005319	.0017480	.12150	.10353
%RSD	8.606027	670.3282	.1533195	142.5279	24.05118	.1371455	.9393898

#1	.0912176	.006023	26.11596	.001441	.0053349	88.73055	10.90997
#2	.0934025	-.006847	26.04924	-.009187	.0087376	88.53106	11.03897
#3	.1066586	-.002088	26.04447	-.003450	.0077316	88.51064	11.11474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109326	.1151008	318.3066	.1235998	.3080926	.6659023	218.4062
Stddev	.0001255	.0004364	1.0456	.0011665	.0007122	.0019191	.8788
%RSD	1.148376	.3791692	.3284996	.9438026	.2311564	.2881979	.4023624

#1	.0109467	.1155601	318.5812	.1222628	.3080175	.6665976	218.7231
#2	.0110505	.1146915	319.1875	.1241262	.3074210	.6673770	219.0826
#3	.0108006	.1150507	317.1510	.1244103	.3088394	.6637325	217.4129

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.64024	135.2645	.3159192	-.005323	.6354389	.2758547	7.047596
Stddev	.06926	.6640	.0008232	.000711	.0112406	.0003617	.233467
%RSD	.3200545	.4908667	.2605889	13.35647	1.768948	.1311137	3.312720

#1	21.66659	135.6822	.3166113	-.005685	.6482351	.2754388	6.780464
#2	21.69247	135.6126	.3161376	-.004504	.6309232	.2760300	7.149742
#3	21.56168	134.4989	.3150088	-.005781	.6271583	.2760953	7.212582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.239951	5.867747	.0865656	-.000325	6.994457	3.682256	.0059919
Stddev	.074173	.021596	.0017772	.000357	.025750	.039285	.0027118
%RSD	1.024492	.3680527	2.052992	109.8859	.3681494	1.066874	45.25824

#1	7.261028	5.889963	.0845833	.000087	6.998676	3.688559	.0043373
#2	7.301305	5.866451	.0880164	-.000527	7.017838	3.718008	.0045168
#3	7.157521	5.846828	.0870970	-.000536	6.966858	3.640200	.0091215

Sample Name: I2019-02 Acquired: 3/2/2017 12:52:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5268461	.0558714	.2058903
Stddev	.0012228	.0001344	.0003878
%RSD	.2320890	.2404840	.1883440

#1	.5282280	.0559526	.2062816
#2	.5259044	.0559452	.2058833
#3	.5264060	.0557163	.2055061

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.92427	1525.193	59767.65	8521.490	1772.090
Stddev	.66991	7.118	26.78	34.391	4.630
%RSD	2.584103	.4666984	.0447998	.4035825	.2612670

#1	26.69541	1522.176	59759.05	8533.493	1769.292
#2	25.48594	1520.080	59797.67	8482.705	1769.544
#3	25.59144	1533.322	59746.24	8548.271	1777.434

Sample Name: I2019-03 Acquired: 3/2/2017 12:56:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853374	-.000900	18.34742	.0042203	.0028288	52.04820	6.493505
Stddev	.0038511	.004827	.01591	.0052853	.0072428	.25598	.071458
%RSD	4.512806	536.5955	.0867048	125.2359	256.0408	.4918049	1.100448

#1	.0869686	.001293	18.36282	.0051558	.0107965	51.86314	6.528781
#2	.0809392	.002442	18.34839	.0089754	.0010457	52.34032	6.540464
#3	.0881046	-.006434	18.33105	-.001470	-.003356	51.94113	6.411269

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078659	.0926601	246.4046	.1097785	.2543923	.4961821	170.9304
Stddev	.0000726	.0005135	.4543	.0008273	.0005483	.0039358	.8196
%RSD	.9224520	.5541192	.1843679	.7536441	.2155231	.7932233	.4794766

#1	.0078638	.0932405	246.4412	.1097935	.2550100	.4961870	170.8695
#2	.0079396	.0924743	246.8395	.1089438	.2539632	.5001155	171.7787
#3	.0077945	.0922653	245.9331	.1105983	.2542037	.4922438	170.1430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.82277	106.4417	.2467721	-.004334	.4775448	.2386159	5.025796
Stddev	.05359	.2251	.0011970	.000627	.0732861	.0024142	.144561
%RSD	.3387067	.2114471	.4850669	14.47729	15.34643	1.011746	2.876387

#1	15.81758	106.3572	.2479949	-.004101	.4182618	.2406903	5.048435
#2	15.87877	106.6968	.2456027	-.003857	.5594834	.2391914	4.871251
#3	15.77196	106.2711	.2467188	-.005045	.4548891	.2359660	5.157703

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.920571	4.388745	.0727073	-.001072	9.400886	6.589036	.0074851
Stddev	.050838	.012517	.0002765	.000753	.027325	.040253	.0008399
%RSD	1.296704	.2851981	.3803391	70.25397	.2906685	.6109059	11.22074

#1	3.877785	4.403176	.0729980	-.001218	9.432207	6.581730	.0083126
#2	3.976771	4.380842	.0726765	-.000257	9.388535	6.632442	.0066333
#3	3.907155	4.382216	.0724475	-.001741	9.381917	6.552937	.0075093

Sample Name: I2019-03 Acquired: 3/2/2017 12:56:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6014557	.0303636	.1328955
Stddev	.0053264	.0007899	.0004893
%RSD	.8855810	2.601512	.3681533

#1	.6022090	.0296166	.1325980
#2	.6063654	.0302839	.1334602
#3	.5957928	.0311904	.1326284

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.12927	1463.998	57014.15	8189.402	1820.001
Stddev	.65556	4.331	90.93	58.462	4.943
%RSD	2.508895	.2958142	.1594948	.7138733	.2715915

#1	26.00781	1459.171	57093.99	8191.451	1814.302
#2	26.83706	1465.276	56915.17	8129.942	1822.567
#3	25.54294	1467.545	57033.30	8246.812	1823.133

Sample Name: I2019-04 Acquired: 3/2/2017 13:00:22 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0632901	-.001299	12.60822	.0037769	.0057886	42.54807	6.020884
Stddev	.0127747	.009402	.05512	.0032546	.0004282	.20590	.028288
%RSD	20.18439	723.9626	.4371815	86.17075	7.396727	.4839318	.4698345

#1	.0490022	-.002094	12.58895	.0012514	.0054368	42.78255	6.052702
#2	.0736097	.008476	12.56532	.0074497	.0056637	42.39679	5.998579
#3	.0672585	-.010278	12.67039	.0026295	.0062654	42.46485	6.011369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070313	.0583590	381.6007	.0922918	.1668672	.3378557	154.0876
Stddev	.0001710	.0003574	1.1653	.0021119	.0010574	.0018512	.6039
%RSD	2.431808	.6124610	.3053666	2.288275	.6336742	.5479324	.3919129

#1	.0070929	.0581548	382.8581	.0918322	.1677002	.3396218	154.7807
#2	.0071630	.0581504	380.5571	.0945956	.1656776	.3359297	153.6747
#3	.0068381	.0587717	381.3870	.0904476	.1672239	.3380157	153.8073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.46537	180.8916	.1656333	-.004747	.5526165	.1743252	3.575116
Stddev	.07265	.6422	.0010412	.000515	.0370659	.0015272	.056231
%RSD	.5022287	.3550259	.6285857	10.85080	6.707339	.8760663	1.572841

#1	14.54614	181.5887	.1661690	-.004823	.5216069	.1730056	3.640036
#2	14.40536	180.3239	.1644333	-.004199	.5425735	.1739719	3.543652
#3	14.44460	180.7623	.1662974	-.005221	.5936689	.1759980	3.541661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.991823	3.536792	.0657307	-.001544	6.407023	4.779344	.0187242
Stddev	.021881	.026605	.0014580	.001415	.035678	.025083	.0006706
%RSD	.7313685	.7522356	2.218073	91.60986	.5568622	.5248226	3.581197

#1	2.973264	3.529201	.0672374	-.001490	6.388728	4.789374	.0194827
#2	2.986254	3.514807	.0643270	-.002985	6.384203	4.750797	.0184797
#3	3.015950	3.566368	.0656276	-.000157	6.448137	4.797859	.0182102

Sample Name: I2019-04 Acquired: 3/2/2017 13:00:22 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TP5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5105394	.0264647	.1539260
Stddev	.0021975	.0013770	.0005811
%RSD	.4304312	5.203228	.3774899

#1	.5128597	.0280421	.1545518
#2	.5102686	.0258498	.1538225
#3	.5084897	.0255023	.1534036

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.08558	1439.754	55802.19	7978.417	1790.532
Stddev	.54822	3.326	925.45	30.411	3.951
%RSD	2.185399	.2310321	1.658448	.3811621	.2206465

#1	24.46833	1439.163	56011.77	7949.900	1791.376
#2	25.27257	1443.337	54789.93	8010.421	1793.992
#3	25.51585	1436.763	56604.88	7974.930	1786.227

Sample Name: I2019-05 Acquired: 3/2/2017 13:04:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0952162	-.006921	27.91085	.0000958	.0044277	75.00282	8.928174
Stddev	.0089314	.003619	.08216	.0077712	.0026300	.06715	.080410
%RSD	9.380154	52.28857	.2943598	8108.395	59.39973	.0895263	.9006289

#1	.0849973	-.003365	28.00395	-.001361	.0073247	75.00225	9.007093
#2	.0991212	-.010599	27.84853	.008492	.0021900	75.07025	8.846353
#3	.1015301	-.006798	27.88005	-.006844	.0037684	74.93596	8.931077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102119	.1129343	420.2294	.0984828	.3087721	.7223121	221.4771
Stddev	.0001172	.0001573	.6445	.0008957	.0007385	.0020341	.8220
%RSD	1.147851	.1392964	.1533759	.9094682	.2391816	.2816128	.3711501

#1	.0100803	.1127568	420.2665	.0995083	.3096007	.7234738	221.9679
#2	.0102504	.1130563	419.5672	.0978541	.3085326	.7234993	220.5281
#3	.0103050	.1129900	420.8546	.0980859	.3081831	.7199634	221.9354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.40842	187.5208	.2978643	-.004844	.7939422	.2263449	6.919019
Stddev	.04863	.6795	.0010446	.000375	.0955473	.0002994	.184643
%RSD	.2077399	.3623435	.3506902	7.741122	12.03454	.1322735	2.668636

#1	23.41477	188.0142	.2989031	-.005254	.7024588	.2266234	6.985516
#2	23.35693	186.7458	.2968141	-.004519	.7862763	.2263829	7.061203
#3	23.45356	187.8024	.2978758	-.004758	.8930915	.2260283	6.710337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.503203	6.179410	.0835279	-.002558	13.32417	2.691468	.0077732
Stddev	.055387	.017925	.0009992	.000220	.03795	.030219	.0033146
%RSD	.8516834	.2900748	1.196306	8.604633	.2848192	1.122781	42.64122

#1	6.559708	6.191620	.0824386	-.002547	13.36196	2.700225	.0068342
#2	6.449007	6.187778	.0837433	-.002344	13.28606	2.657837	.0050295
#3	6.500894	6.158831	.0844020	-.002784	13.32449	2.716341	.0114561

Sample Name: I2019-05 Acquired: 3/2/2017 13:04:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4637241	.0471706	.1949040
Stddev	.0027100	.0002104	.0004461
%RSD	.5843947	.4460013	.2288749

#1	.4609662	.0473499	.1954121
#2	.4663835	.0469390	.1947228
#3	.4638224	.0472229	.1945770

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.93322	1524.256	59607.52	8572.796	1748.168
Stddev	.78424	4.733	119.44	17.535	5.468
%RSD	3.024064	.3104863	.2003744	.2045474	.3127808

#1	25.38787	1523.745	59548.19	8553.586	1741.907
#2	25.57981	1529.224	59529.36	8587.944	1752.002
#3	26.83197	1519.800	59745.00	8576.858	1750.597

Sample Name: I2019-06 Acquired: 3/2/2017 13:08:33 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029650	.0036257	49.50998	-.006817	.0055748	78.62790	9.029842
Stddev	.0134268	.0094050	.25911	.001700	.0010111	.45463	.153169
%RSD	13.04017	259.3991	.5233468	24.93303	18.13633	.5782085	1.696251

#1	.0880482	-.004456	49.25535	-.006757	.0061090	79.14868	9.191358
#2	.1140834	.001385	49.77335	-.005148	.0044087	78.42476	9.011495
#3	.1067633	.013949	49.50123	-.008546	.0062066	78.31025	8.886673

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107330	.1025407	430.9565	.0993003	.3676682	.9211075	218.5334
Stddev	.0002425	.0006586	2.3204	.0003022	.0014784	.0042546	1.3306
%RSD	2.259286	.6422944	.5384388	.3043615	.4020943	.4619063	.6088879

#1	.0109516	.1017803	433.5296	.0989945	.3660064	.9253810	220.0381
#2	.0107754	.1029063	430.3172	.0993076	.3688373	.9210695	218.0505
#3	.0104722	.1029353	429.0228	.0995988	.3681609	.9168719	217.5117

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.38613	212.8812	.3199013	-.001735	.6330602	.2530186	5.718920
Stddev	.11952	1.1628	.0017780	.000178	.1328805	.0041713	.131749
%RSD	.5862833	.5462276	.5557894	10.25159	20.99018	1.648631	2.303736

#1	20.52290	214.1865	.3179131	-.001587	.6858857	.2496358	5.862390
#2	20.33374	212.5010	.3213386	-.001684	.7314046	.2576795	5.691003
#3	20.30175	211.9560	.3204523	-.001932	.4818904	.2517406	5.603366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.254778	4.136436	.0876290	.0004381	5.853917	2.963912	.0075942
Stddev	.038171	.019124	.0025830	.0004276	.023668	.048949	.0040195
%RSD	.6102751	.4623222	2.947660	97.60174	.4043104	1.651516	52.92789

#1	6.251139	4.114657	.0905199	-.000035	5.826914	3.013854	.0032613
#2	6.294638	4.144169	.0868193	.000796	5.863774	2.961864	.0112013
#3	6.218556	4.150483	.0855479	.000554	5.871065	2.916019	.0083201

Sample Name: I2019-06 Acquired: 3/2/2017 13:08:33 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5473604	.0517333	.1928656
Stddev	.0023283	.0006260	.0009732
%RSD	.4253639	1.210133	.5046071

#1	.5498323	.0510391	.1939551
#2	.5470400	.0522552	.1925594
#3	.5452090	.0519056	.1920823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.06869	1483.466	58422.22	8357.502	1733.173
Stddev	.75732	5.451	119.73	74.771	6.478
%RSD	2.905104	.3674300	.2049315	.8946553	.3737894

#1	25.36579	1489.546	58556.95	8285.964	1738.355
#2	25.96961	1479.017	58328.03	8351.409	1725.910
#3	26.87068	1481.834	58381.67	8435.133	1735.255

Sample Name: I2019-07 Acquired: 3/2/2017 13:12:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0843173	-.003117	43.69313	-.000552	.0087548	68.89067	8.441841
Stddev	.0036422	.006916	.10229	.006132	.0019044	.56461	.098957
%RSD	4.319666	221.8728	.2341145	1110.334	21.75248	.8195778	1.172223

#1	.0815933	-.008609	43.58436	.005381	.0108794	69.53937	8.509805
#2	.0884543	-.005392	43.70764	-.006865	.0081833	68.50993	8.328309
#3	.0829044	.004650	43.78739	-.000173	.0072015	68.62272	8.487409

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097740	.0890026	480.5007	.0994214	.3736221	.8581597	206.2955
Stddev	.0002091	.0000499	2.0534	.0005350	.0009338	.0051853	1.2262
%RSD	2.138830	.0560470	.4273552	.5380999	.2499442	.6042372	.5943959

#1	.0099971	.0889835	482.6023	.0994864	.3725765	.8637412	207.6985
#2	.0097422	.0890592	480.4008	.0999209	.3743732	.8534920	205.7589
#3	.0095826	.0889650	478.4991	.0988569	.3739167	.8572458	205.4290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.67604	236.6104	.2744677	-.001642	.7012461	.2254876	5.007303
Stddev	.12405	.8822	.0018883	.000322	.0915045	.0025830	.142330
%RSD	.5999772	.3728642	.6879965	19.63182	13.04885	1.145529	2.842448

#1	20.81214	237.4258	.2734691	-.001348	.7595440	.2276601	5.169016
#2	20.64668	236.7315	.2732884	-.001591	.7484128	.2261711	4.901060
#3	20.56930	235.6738	.2766457	-.001986	.5957814	.2226315	4.951832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.572111	3.958550	.0890736	-.000248	5.564408	3.449436	.0055351
Stddev	.028705	.012331	.0024082	.000331	.026176	.014221	.0063972
%RSD	.5151522	.3115057	2.703557	133.5512	.4704267	.4122775	115.5768

#1	5.567828	3.946964	.0902706	.000128	5.580354	3.465067	-.000608
#2	5.545788	3.957174	.0906488	-.000496	5.534197	3.445978	.012160
#3	5.602717	3.971511	.0863015	-.000375	5.578671	3.437262	.005053

Sample Name: I2019-07 Acquired: 3/2/2017 13:12:42 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TP8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5245257	.0459640	.2021224
Stddev	.0032769	.0009851	.0011529
%RSD	.6247410	2.143223	.5703775

#1	.5281316	.0470622	.2034497
#2	.5217296	.0456720	.2015466
#3	.5237159	.0451580	.2013708

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.09151	1450.406	57232.01	8269.818	1716.693
Stddev	.56872	3.112	274.41	56.335	1.932
%RSD	2.266576	.2145599	.4794768	.6812110	.1125477

#1	24.46282	1450.523	57248.60	8204.827	1715.858
#2	25.57018	1453.458	56949.68	8304.708	1718.902
#3	25.24152	1447.237	57497.76	8299.920	1715.319

Sample Name: I2019-08 Acquired: 3/2/2017 13:16:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1043692	-.012173	F 58.38407	-.002509	.0064990	71.70617
Stddev	.0110494	.010793	.28191	.014988	.0038516	.42046
%RSD	10.58682	88.66330	.4828486	597.4034	59.26378	.5863670

#1	.1170255	-.000715	58.36141	.004532	.0020606	71.84092
#2	.0966437	-.013657	58.11418	.007663	.0084734	71.23485
#3	.0994385	-.022146	58.67662	-.019721	.0089630	72.04273

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.129893	.0104262	.1110926	484.2721	.0850618	.3446996
Stddev	.165903	.0001024	.0005769	2.1244	.0035464	.0021601
%RSD	1.817144	.9822145	.5192701	.4386801	4.169143	.6266520

#1	9.272186	.0105043	.1111917	485.9016	.0809688	.3456732
#2	8.947668	.0103103	.1104727	481.8694	.0869992	.3422241
#3	9.169824	.0104641	.1116136	485.0454	.0872175	.3462015

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.033006	219.9372	20.90821	239.1495	.3241800	.0006340
Stddev	.005455	.9828	.10515	1.2012	.0029838	.0004868
%RSD	.5280684	.4468459	.5028972	.5022967	.9204275	76.78431

#1	1.037963	220.6145	20.96396	240.1190	.3243535	.0011086
#2	1.027162	218.8100	20.78693	237.8057	.3211132	.0001358
#3	1.033895	220.3871	20.97375	239.5240	.3270733	.0006575

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7138273	.2338787	5.935317	6.011737	4.136697	.0868699
Stddev	.0990202	.0036804	.211962	.042150	.026759	.0009248
%RSD	13.87172	1.573619	3.571203	.7011340	.6468768	1.064611

#1	.6780477	.2349140	6.124800	6.056521	4.137001	.0876989
#2	.8257642	.2297916	5.974741	5.972840	4.109788	.0858724
#3	.6376700	.2369305	5.706411	6.005849	4.163304	.0870384

Sample Name: I2019-08 Acquired: 3/2/2017 13:16:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TP9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003829	6.429901	4.283844	.0061306	.5176671	.0479796
Stddev	.0007842	.050657	.014119	.0040830	.0025626	.0005480
%RSD	204.8034	.7878283	.3295954	66.59949	.4950260	1.142211

#1	.0012871	6.437661	4.285523	.0043559	.5177834	.0484847
#2	-.000111	6.375813	4.268960	.0032354	.5150483	.0473969
#3	-.000028	6.476230	4.297049	.0108006	.5201695	.0480572

Elem	Sr4077
Units	ppm
Avg	.2030153
Stddev	.0011085
%RSD	.5459951

#1	.2038463
#2	.2017568
#3	.2034429

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.32540	1498.623	59628.60	8399.481	1745.733
Stddev	.86756	7.030	1304.33	57.334	8.500
%RSD	3.425656	.4690644	2.187420	.6825930	.4868780

#1	24.45033	1494.142	61131.45	8344.743	1741.934
#2	25.34063	1506.724	58791.42	8459.100	1755.470
#3	26.18525	1495.002	58962.92	8394.599	1739.795

Sample Name: I2019-09 Acquired: 3/2/2017 13:21:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0756180	.0035047	8.883194	.0002689	.0046690	80.10464	6.769947
Stddev	.0022635	.0050775	.046170	.0048074	.0010282	.09288	.046446
%RSD	2.993349	144.8764	.5197485	1787.566	22.02259	.1159512	.6860674

#1	.0778643	.0060123	8.829977	.0053693	.0036166	80.04159	6.818676
#2	.0756519	.0068405	8.912571	-.004179	.0056713	80.21130	6.764985
#3	.0733377	-.002339	8.907034	-.000384	.0047190	80.06102	6.726182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093732	.0287556	114.1365	.1171914	.1449771	.2947728	166.6812
Stddev	.0001112	.0002465	.5850	.0005299	.0005706	.0009939	.6047
%RSD	1.186175	.8570475	.5125836	.4521482	.3935519	.3371790	.3628032

#1	.0094112	.0285433	113.5175	.1170579	.1447788	.2949242	166.2216
#2	.0094604	.0290259	114.6803	.1167411	.1456204	.2937119	167.3663
#3	.0092480	.0286976	114.2118	.1177753	.1445322	.2956823	166.4557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69348	57.82151	.1815891	-.007229	.5967504	.2513073	2.591788
Stddev	.06021	.36151	.0013737	.000310	.0486025	.0014806	.133612
%RSD	.4743700	.6252163	.7564792	4.281706	8.144527	.5891414	5.155215

#1	12.63531	57.49959	.1804461	-.007567	.5484994	.2503867	2.440183
#2	12.75555	58.21261	.1831130	-.006960	.5960550	.2530152	2.692372
#3	12.68960	57.75234	.1812082	-.007160	.6456969	.2505201	2.642809

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.362416	2.725552	.0641149	.0002642	2.678368	3.273639	.0080346
Stddev	.012477	.026039	.0003979	.0006445	.019321	.021021	.0037915
%RSD	.2326785	.9553749	.6205690	243.9850	.7213719	.6421403	47.18881

#1	5.376820	2.704890	.0636823	.0008072	2.659266	3.265503	.0123832
#2	5.354926	2.716965	.0644653	-.000448	2.677937	3.257903	.0062989
#3	5.355503	2.754800	.0641971	.000433	2.697900	3.297513	.0054218

Sample Name: I2019-09 Acquired: 3/2/2017 13:21:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5286945	.0468253	.1021455
Stddev	.0015836	.0002613	.0005610
%RSD	.2995370	.5580335	.5492260

#1	.5282471	.0467045	.1017152
#2	.5273828	.0466463	.1027800
#3	.5304537	.0471251	.1019413

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	27.32844	1608.321	62432.23	8719.775	1952.604
Stddev	1.06500	4.829	218.15	32.041	6.459
%RSD	3.897039	.3002270	.3494172	.3674488	.3307908

#1	28.43132	1613.897	62507.71	8752.271	1959.855
#2	26.30587	1605.553	62186.36	8688.210	1947.467
#3	27.24812	1605.513	62602.61	8718.843	1950.491

Sample Name: I2019-10 Acquired: 3/2/2017 13:25:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783892	-.005036	9.199256	.0067990	.0046640	86.48199	7.294448
Stddev	.0136883	.004448	.013311	.0113545	.0030246	.26930	.013632
%RSD	17.46195	88.33571	.1446923	167.0024	64.85042	.3113922	.1868885

#1	.0931714	.000043	9.212765	-.004593	.0020262	86.22225	7.308143
#2	.0758443	-.008241	9.186153	.018116	.0040005	86.75993	7.280879
#3	.0661520	-.006909	9.198850	.006874	.0079652	86.46381	7.294321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096517	.0297145	112.4567	.1221415	.1511190	.2982468	174.1776
Stddev	.0001707	.0000706	.2791	.0002834	.0004327	.0029802	.3837
%RSD	1.769026	.2377332	.2481460	.2320068	.2863633	.9992292	.2202815

#1	.0094631	.0297696	112.6066	.1218758	.1512295	.2977430	174.1707
#2	.0097958	.0296349	112.6288	.1224398	.1506417	.3014468	174.5647
#3	.0096962	.0297391	112.1347	.1221088	.1514858	.2955507	173.7974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.36807	56.88537	.1896775	-.007782	.6052479	.2594888	2.704347
Stddev	.04400	.03605	.0003654	.000228	.0926153	.0022474	.057188
%RSD	.3291763	.0633672	.1926236	2.930898	15.30204	.8661061	2.114656

#1	13.37019	56.91168	.1900458	-.007958	.6123426	.2609706	2.638476
#2	13.41098	56.90015	.1893152	-.007524	.6941117	.2569028	2.741312
#3	13.32305	56.84428	.1896715	-.007864	.5092892	.2605929	2.733252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.888787	2.838230	.0670415	.0002886	2.781526	4.146876	.0079266
Stddev	.081354	.002220	.0002603	.0006603	.011051	.015859	.0043676
%RSD	1.381499	.0782208	.3881946	228.7979	.3973153	.3824430	55.10130

#1	5.794998	2.838564	.0673393	.0006967	2.768834	4.130420	.0069806
#2	5.931089	2.835861	.0668579	-.000473	2.786723	4.162062	.0126897
#3	5.940274	2.840264	.0669272	.000642	2.789020	4.148146	.0041094

Sample Name: I2019-10 Acquired: 3/2/2017 13:25:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5657279	.0505533	.1071883
Stddev	.0020303	.0001345	.0002644
%RSD	.3588818	.2660895	.2466180

#1	.5680097	.0505164	.1072007
#2	.5641208	.0507024	.1074462
#3	.5650532	.0504411	.1069180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.46693	1601.209	61801.72	8669.021	1937.596
Stddev	.56359	4.511	118.25	13.930	2.570
%RSD	2.129411	.2817422	.1913388	.1606915	.1326210

#1	27.10741	1596.820	61689.73	8672.081	1934.775
#2	26.04686	1600.973	61790.05	8653.816	1939.803
#3	26.24651	1605.833	61925.37	8681.168	1938.210

Sample Name: I2019-11 Acquired: 3/2/2017 13:29:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0676864	-.002473	10.53780	.0040124	.0025070	70.26922	6.193604
Stddev	.0095328	.003919	.03062	.0089452	.0035243	.14026	.020814
%RSD	14.08372	158.4830	.2905988	222.9391	140.5768	.1996065	.3360580

#1	.0786765	.000354	10.50852	-.003476	.0012599	70.32355	6.211923
#2	.0616556	-.000826	10.56961	.013918	.0064852	70.37420	6.197918
#3	.0627272	-.006947	10.53529	.001596	-.000224	70.10992	6.170971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084612	.0312541	178.3286	.1219987	.1408832	.3171022	157.2877
Stddev	.0001255	.0000586	.5964	.0003289	.0000564	.0013759	.7080
%RSD	1.483133	.1873284	.3344198	.2695974	.0400353	.4338914	.4501503

#1	.0084634	.0312873	178.7534	.1220321	.1408182	.3185936	158.0819
#2	.0083346	.0311865	178.5856	.1216543	.1409118	.3158823	157.0584
#3	.0085856	.0312885	177.6468	.1223096	.1409195	.3168306	156.7227

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.27673	89.59410	.1729432	-.006214	.5734940	.2266246	2.471505
Stddev	.02077	.20767	.0009238	.000284	.0514403	.0038315	.128868
%RSD	.1692092	.2317885	.5341892	4.568236	8.969627	1.690680	5.214154

#1	12.29952	89.67502	.1732164	-.006532	.6254712	.2308726	2.465054
#2	12.27181	89.74912	.1736997	-.006121	.5724030	.2255714	2.603477
#3	12.25885	89.35815	.1719136	-.005988	.5226080	.2234299	2.345983

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.833018	2.692075	.0617500	.0002660	2.690484	3.371772	.0016419
Stddev	.061335	.015100	.0012604	.0001372	.015177	.011339	.0048759
%RSD	1.269075	.5608943	2.041132	51.60308	.5641151	.3363034	296.9615

#1	4.857035	2.679287	.0620395	.0004243	2.689370	3.375084	-.003800
#2	4.878711	2.708733	.0628405	.0001920	2.706188	3.381087	.003113
#3	4.763310	2.688204	.0603700	.0001815	2.675895	3.359145	.005613

Sample Name: I2019-11 Acquired: 3/2/2017 13:29:24 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TQ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5123423	.0410843	.1141985
Stddev	.0030492	.0003525	.0004450
%RSD	.5951400	.8579630	.3897038

#1	.5112540	.0412057	.1144477
#2	.5157863	.0413601	.1144631
#3	.5099866	.0406872	.1136847

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.47221	1543.109	59817.36	8454.460	1893.499
Stddev	1.23256	2.188	133.57	14.303	3.664
%RSD	4.656069	.1417685	.2232901	.1691761	.1935239

#1	26.71162	1542.463	59664.09	8446.129	1894.943
#2	25.13750	1541.317	59879.07	8446.275	1889.333
#3	27.56750	1545.547	59908.90	8470.975	1896.222

Sample Name: I2019-12 Acquired: 3/2/2017 13:33:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796470	-.003220	16.59799	-.000413	.0058940	93.74438	9.368499
Stddev	.0054740	.001939	.11522	.004915	.0044825	.06541	.068414
%RSD	6.872778	60.20031	.6941714	1190.164	76.05233	.0697751	.7302606

#1	.0857267	-.005378	16.48508	.002166	.0080674	93.70617	9.317927
#2	.0751096	-.002657	16.71538	.002676	.0007391	93.81991	9.341226
#3	.0781049	-.001626	16.59351	-.006081	.0088755	93.70706	9.446344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102669	.0451005	162.9307	.1286239	.1933623	.4426272	188.3647
Stddev	.0001244	.0005394	.5220	.0008591	.0015662	.0032193	.1613
%RSD	1.211635	1.196047	.3203881	.6679372	.8099758	.7273074	.0856233

#1	.0104007	.0445744	162.4670	.1289964	.1924281	.4394756	188.2668
#2	.0101548	.0456523	162.8289	.1276414	.1951705	.4459101	188.2764
#3	.0102452	.0450747	163.4961	.1292340	.1924884	.4424960	188.5508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.62037	80.34706	.2357080	-.007049	.8059568	.2757907	3.501696
Stddev	.03662	.18374	.0020217	.000397	.1001252	.0027203	.081020
%RSD	.2344469	.2286835	.8577126	5.625417	12.42315	.9863604	2.313735

#1	15.59338	80.29493	.2335985	-.007042	.7052281	.2785409	3.410283
#2	15.60567	80.55123	.2376286	-.006656	.9054675	.2731013	3.564635
#3	15.66205	80.19501	.2358970	-.007449	.8071747	.2757299	3.530171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.005444	3.386544	.0743734	.0006694	4.047675	4.380574	.0110808
Stddev	.050148	.025723	.0014149	.0004787	.030998	.014154	.0034851
%RSD	.7158448	.7595714	1.902428	71.51163	.7658295	.3231121	31.45123

#1	6.972556	3.362666	.0756941	.0001725	4.022369	4.364283	.0075472
#2	7.063163	3.413782	.0745461	.0011275	4.082251	4.387582	.0111801
#3	6.980613	3.383184	.0728801	.0007083	4.038406	4.389857	.0145151

Sample Name: I2019-12 Acquired: 3/2/2017 13:33:27 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5881342	.0553560	.1352645
Stddev	.0007294	.0003912	.0001336
%RSD	.1240101	.7066982	.0988007

#1	.5880138	.0556276	.1354152
#2	.5889163	.0555329	.1351606
#3	.5874726	.0549077	.1352176

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.89638	1596.276	62619.90	8931.865	1886.994
Stddev	.59145	4.405	187.40	30.972	8.322
%RSD	2.283892	.2759380	.2992731	.3467577	.4410159

#1	26.57008	1596.371	62589.59	8931.004	1892.230
#2	25.46259	1591.825	62820.62	8963.259	1877.398
#3	25.65645	1600.633	62449.51	8901.333	1891.354

Sample Name: I2019-13 Acquired: 3/2/2017 13:37:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1133280	-.002300	19.49647	-.002050	.0061313	95.14792	13.54094
Stddev	.0129460	.003071	.07141	.004518	.0019286	.12534	.10301
%RSD	11.42351	133.5107	.3662958	220.3552	31.45437	.1317281	.7607614

#1	.1049360	-.003631	19.51942	.002263	.0039148	95.17241	13.51862
#2	.1282376	.001212	19.41640	-.001665	.0070532	95.01214	13.65328
#3	.1068105	-.004482	19.55358	-.006749	.0074259	95.25920	13.45092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113870	.0621812	244.2881	.1172918	.2551719	.5513143	222.7001
Stddev	.0000838	.0002736	.2117	.0002594	.0010872	.0003256	.0774
%RSD	.7354426	.4400470	.0866682	.2211376	.4260557	.0590562	.0347398

#1	.0114046	.0624965	244.3706	.1174969	.2558026	.5509612	222.7884
#2	.0114606	.0620413	244.4461	.1170002	.2539166	.5516026	222.6442
#3	.0112959	.0620059	244.0475	.1173782	.2557966	.5513791	222.6677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.16202	123.5120	.2579252	-.007520	.7504565	.3181402	4.064229
Stddev	.02994	.2489	.0003509	.000228	.1131644	.0026774	.126014
%RSD	.1744353	.2015553	.1360354	3.028102	15.07941	.8415910	3.100570

#1	17.17731	123.4446	.2575210	-.007775	.6228786	.3151184	4.053991
#2	17.12753	123.3037	.2581513	-.007337	.8387216	.3190849	4.195050
#3	17.18122	123.7877	.2581033	-.007449	.7897693	.3202171	3.943646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.943554	3.343483	.0834430	.0009687	4.428226	3.022206	.0076313
Stddev	.038665	.017578	.0033632	.0008919	.005125	.010695	.0034136
%RSD	.6505403	.5257417	4.030549	92.06975	.1157323	.3538793	44.73167

#1	5.985293	3.345668	.0825328	.0019936	4.431728	3.034349	.0099661
#2	5.936410	3.324914	.0806285	.0005441	4.422344	3.014187	.0037136
#3	5.908959	3.359866	.0871676	.0003685	4.430606	3.018083	.0092141

Sample Name: I2019-13 Acquired: 3/2/2017 13:37:38 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6254014	.0649865	.1529944
Stddev	.0025122	.0003312	.0001067
%RSD	.4016968	.5095704	.0697260

#1	.6278491	.0650329	.1529483
#2	.6255257	.0646346	.1529185
#3	.6228293	.0652920	.1531163

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.04097	1536.146	60092.13	8605.617	1808.631
Stddev	.94640	7.234	95.02	13.145	5.978
%RSD	3.634270	.4709344	.1581217	.1527440	.3305483

#1	26.02236	1528.116	59983.35	8594.852	1801.984
#2	25.10402	1538.168	60134.10	8601.733	1813.567
#3	26.99655	1542.154	60158.94	8620.266	1810.344

Sample Name: I2019-14 Acquired: 3/2/2017 13:41:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1133630	-.001732	19.59128	.0066869	.0078795	96.18300	13.63614
Stddev	.0108636	.011743	.11938	.0028307	.0017495	.04524	.07652
%RSD	9.583026	678.1658	.6093528	42.33128	22.20304	.0470376	.5611244

#1	.1072130	.011789	19.68191	.0067675	.0058695	96.23199	13.63698
#2	.1259064	-.009378	19.45601	.0038168	.0090601	96.17420	13.71224
#3	.1069695	-.007606	19.63591	.0094764	.0087088	96.14280	13.55922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111990	.0623205	246.6119	.1177925	.2553947	.5590052	223.3571
Stddev	.0002185	.0004621	.2622	.0012505	.0017401	.0029361	.4345
%RSD	1.950766	.7415100	.1063166	1.061620	.6813400	.5252461	.1945202

#1	.0111856	.0628480	246.5380	.1179506	.2574040	.5623306	223.2316
#2	.0114239	.0621266	246.9031	.1164704	.2544015	.5579142	223.8406
#3	.0109876	.0619869	246.3945	.1189564	.2543787	.5567706	222.9993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.28560	124.5856	.2591167	-.007232	.6716912	.3195721	4.038719
Stddev	.01819	.5992	.0023674	.000266	.0178652	.0004227	.119736
%RSD	.1052529	.4809422	.9136267	3.672650	2.659739	.1322685	2.964703

#1	17.29536	124.2377	.2611060	-.007483	.6918585	.3195116	3.917103
#2	17.29682	125.2775	.2564983	-.006953	.6578492	.3191830	4.156483
#3	17.26460	124.2416	.2597457	-.007259	.6653658	.3200218	4.042572

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.059051	3.332893	.0835068	.0009551	4.407579	3.020406	.0051180
Stddev	.018595	.012855	.0003377	.0006415	.031954	.008335	.0032766
%RSD	.3068958	.3856947	.4044239	67.16943	.7249743	.2759695	64.02137

#1	6.047107	3.327773	.0834720	.0012890	4.430179	3.018316	.0085045
#2	6.049570	3.323387	.0831878	.0002155	4.371021	3.029587	.0019636
#3	6.080475	3.347519	.0838606	.0013608	4.421537	3.013314	.0048858

Sample Name: I2019-14 Acquired: 3/2/2017 13:41:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6290712	.0646431	.1535514
Stddev	.0006531	.0008368	.0001773
%RSD	.1038251	1.294464	.1154539

#1	.6296829	.0653728	.1537455
#2	.6291474	.0637297	.1535104
#3	.6283833	.0648268	.1533981

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.13402	1526.737	59707.18	8576.177	1802.902
Stddev	.48246	7.095	27.72	15.584	10.255
%RSD	1.846100	.4647364	.0464196	.1817094	.5688172

#1	26.65583	1519.506	59691.84	8560.100	1793.684
#2	25.70414	1533.688	59739.18	8577.215	1813.948
#3	26.04208	1527.017	59690.54	8591.216	1801.074

Sample Name: I2019-15 Acquired: 3/2/2017 13:46:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1770779	.0935390	19.00569	.0730754	.0452822	115.9695	19.32072
Stddev	.0112126	.0022664	.05559	.0155555	.0070634	.3541	.06105
%RSD	6.331985	2.422903	.2925036	21.28691	15.59872	.3053253	.3159892

#1	.1770887	.0953614	19.06720	.0887087	.0394295	116.3656	19.39112
#2	.1658600	.0942544	18.95903	.0729184	.0531280	115.8591	19.28235
#3	.1882851	.0910013	18.99086	.0575989	.0432890	115.6837	19.28869

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0968963	.1538238	241.8440	.4749743	1.225796	.9927020	226.0894
Stddev	.0007439	.0006875	.1897	.0103657	.002681	.0033796	.1347
%RSD	.7677259	.4469569	.0784399	2.182366	.2187340	.3404436	.0595895

#1	.0960376	.1544196	241.7635	.4630160	1.228824	.9923991	226.0611
#2	.0973459	.1530715	242.0606	.4813952	1.223724	.9962229	225.9711
#3	.0973053	.1539803	241.7078	.4805119	1.224839	.9894841	226.2360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.62718	123.7517	1.229615	.0695434	.7758351	1.258109	5.193634
Stddev	.03487	.2727	.004234	.0012284	.0488763	.004537	.305770
%RSD	.1978466	.2203545	.3443604	1.766374	6.299834	.3605893	5.887398

#1	17.58766	123.4394	1.234169	.0681539	.8303682	1.260509	5.540119
#2	17.64025	123.9423	1.225797	.0704848	.7359789	1.252876	4.961602
#3	17.65364	123.8735	1.228879	.0699916	.7611581	1.260941	5.079181

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.350454	3.225247	.0906460	.0018494	4.822657	3.196561	.0100559
Stddev	.011829	.007988	.0009444	.0000723	.035481	.008579	.0039586
%RSD	.1609246	.2476775	1.041886	3.910077	.7357102	.2683741	39.36619

#1	7.351535	3.231766	.0907711	.0018921	4.862984	3.187111	.0133880
#2	7.338121	3.216336	.0896452	.0017659	4.808751	3.198717	.0110996
#3	7.361705	3.227639	.0915216	.0018901	4.796235	3.203857	.0056800

Sample Name: I2019-15 Acquired: 3/2/2017 13:46:03 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6676794	.0687789	.1714821
Stddev	.0033765	.0001545	.0003207
%RSD	.5057142	.2247026	.1870232

#1	.6654499	.0686635	.1717673
#2	.6715642	.0687188	.1715441
#3	.6660241	.0689545	.1711350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.82287	1552.470	61438.44	8728.053	1836.986
Stddev	1.60733	7.310	1096.86	10.372	9.058
%RSD	6.224460	.4708726	1.785303	.1188330	.4930856

#1	23.99554	1544.035	62675.28	8724.332	1826.623
#2	27.01793	1556.969	61056.18	8720.056	1840.942
#3	26.45513	1556.406	60583.85	8739.773	1843.393

Sample Name: I2019-13LX5 Acquired: 3/2/2017 13:50:10 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238649	.0023669	3.861639	.0040641	-.000982	21.17172	3.105399
Stddev	.0020922	.0059541	.013269	.0050513	.003120	.06754	.007413
%RSD	8.766736	251.5517	.3436130	124.2906	317.5870	.3190321	.2387278

#1	.0225614	.0058814	3.848544	.0098821	.000082	21.16741	3.099852
#2	.0262782	-.004508	3.861296	.0015148	-.004496	21.24132	3.113819
#3	.0227553	.005727	3.875076	.0007955	.001466	21.10643	3.102525

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028685	.0122703	56.04719	.0277553	.0491025	.1270530	52.51279
Stddev	.0000523	.0001757	.04639	.0005877	.0002032	.0007831	.13240
%RSD	1.821795	1.431672	.0827705	2.117477	.4138723	.6163404	.2521363

#1	.0028100	.0120677	56.02983	.0279853	.0491071	.1276050	52.40276
#2	.0028850	.0123632	56.01198	.0270874	.0493033	.1273973	52.47588
#3	.0029106	.0123801	56.09975	.0281932	.0488970	.1261568	52.65974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.055277	27.63589	.0526992	-.001323	.1416771	.0722303	.9135600
Stddev	.007590	.15928	.0005105	.000230	.0966144	.0023728	.0528517
%RSD	.1871516	.5763542	.9687302	17.35394	68.19337	3.285066	5.785244

#1	4.056672	27.48987	.0524015	-.001534	.1467342	.0726466	.9117237
#2	4.047088	27.61205	.0524074	-.001356	.0426335	.0696769	.9673058
#3	4.062073	27.80574	.0532887	-.001079	.2356636	.0743674	.8616504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.101231	.6355800	.0178712	-.000222	.8277975	.7096417	.0035354
Stddev	.060145	.0073467	.0019158	.000378	.0048709	.0029924	.0048446
%RSD	5.461627	1.155910	10.72017	170.1632	.5884151	.4216732	137.0312

#1	1.072080	.6390073	.0181024	-.000208	.8226633	.7066301	-.001853
#2	1.061217	.6271458	.0196609	.000149	.8283759	.7096806	.007531
#3	1.170397	.6405867	.0158503	-.000606	.8323534	.7126145	.004928

Sample Name: I2019-13LX5 Acquired: 3/2/2017 13:50:10 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TQ4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1419596	.0131401	.0345888
Stddev	.0004277	.0001799	.0000792
%RSD	.3012892	1.369058	.2290036

#1	.1418653	.0132909	.0345157
#2	.1415869	.0131884	.0346730
#3	.1424266	.0129410	.0345776

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.14672	1455.980	56583.29	7669.434	2054.107
Stddev	1.04728	1.724	303.92	18.642	4.321
%RSD	4.337171	.1184195	.5371258	.2430685	.2103611

#1	24.22264	1457.937	56232.53	7648.545	2059.091
#2	23.06354	1454.683	56748.80	7675.380	2051.414
#3	25.15398	1455.320	56768.53	7684.379	2051.815

Sample Name: I2019-16 Acquired: 3/2/2017 13:54:15 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989514	-.001318	18.27994	.0015994	.0035278	84.16459	11.70514
Stddev	.0069842	.008274	.01807	.0022496	.0032281	.18203	.12047
%RSD	7.058181	627.8147	.0988463	140.6486	91.50269	.2162755	1.029206

#1	.1064936	-.004152	18.27260	.0025180	.0066674	84.16611	11.77718
#2	.0927073	-.007802	18.26669	.0032444	.0036980	83.98180	11.77217
#3	.0976534	.008000	18.30052	-.000964	.0002180	84.34585	11.56606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107378	.0581624	333.9801	.1230701	.2445610	.5254850	212.2701
Stddev	.0001768	.0001968	.8837	.0021417	.0003796	.0047928	.6866
%RSD	1.646147	.3383202	.2646025	1.740233	.1552045	.9120620	.3234598

#1	.0105951	.0582641	334.7712	.1210744	.2445297	.5199785	212.8910
#2	.0106827	.0582874	334.1428	.1253328	.2441981	.5287169	212.3865
#3	.0109355	.0579355	333.0264	.1228031	.2449553	.5277597	211.5327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.76300	168.6750	.2440013	-.006815	.7476211	.2827507	3.698697
Stddev	.03165	.4825	.0008532	.000199	.0863428	.0083992	.207726
%RSD	.1781972	.2860711	.3496854	2.921027	11.54900	2.970520	5.616188

#1	17.78979	169.1434	.2430781	-.006674	.8290725	.2800669	3.935674
#2	17.77113	168.7022	.2447608	-.006729	.7566882	.2760214	3.612325
#3	17.72807	168.1795	.2441651	-.007043	.6571026	.2921638	3.548092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.246421	3.143653	.0813369	.0014696	4.156432	3.240279	.0079909
Stddev	.005837	.013872	.0012008	.0003588	.017635	.004306	.0027471
%RSD	.1112594	.4412599	1.476381	24.41377	.4242860	.1328982	34.37844

#1	5.250923	3.152253	.0824439	.0010605	4.173921	3.235902	.0063933
#2	5.239826	3.127650	.0800603	.0016177	4.138655	3.244511	.0111629
#3	5.248514	3.151055	.0815065	.0017307	4.156721	3.240424	.0064164

Sample Name: I2019-16 Acquired: 3/2/2017 13:54:15 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TQ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5698522	.0521406	.1632277
Stddev	.0025578	.0001637	.0001542
%RSD	.4488591	.3140445	.0944892

#1	.5708719	.0520943	.1630899
#2	.5669418	.0520049	.1631988
#3	.5717428	.0523225	.1633943

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.22703	1523.698	59641.79	8648.198	1803.932
Stddev	1.46315	2.712	723.77	21.600	2.198
%RSD	5.578779	.1779839	1.213532	.2497589	.1218465

#1	24.58184	1523.234	60133.32	8633.579	1803.403
#2	26.71676	1521.248	58810.66	8673.008	1802.046
#3	27.38250	1526.612	59981.37	8638.007	1806.346

Sample Name: I2019-17 Acquired: 3/2/2017 13:58:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1114218	-.004612	18.92259	.0084005	.0058979	90.83482	13.68937
Stddev	.0111049	.008936	.03184	.0095828	.0024391	.19502	.10656
%RSD	9.966565	193.7601	.1682440	114.0751	41.35515	.2146985	.7784205

#1	.1239031	-.014823	18.89806	.0008720	.0086831	91.02971	13.57697
#2	.1026350	.001778	18.91114	.0191877	.0048677	90.83508	13.70221
#3	.1077274	-.000791	18.95856	.0051417	.0041430	90.63966	13.78892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105347	.0604431	245.5414	.1231260	.2433965	.5354440	209.5710
Stddev	.0001692	.0003025	.5245	.0023074	.0007386	.0047293	.3862
%RSD	1.605715	.5003809	.2136032	1.874050	.3034776	.8832423	.1843018

#1	.0104738	.0601319	245.5375	.1204702	.2427063	.5402483	209.4352
#2	.0107259	.0607360	246.0679	.1242693	.2433077	.5352903	210.0068
#3	.0104044	.0604615	245.0190	.1246386	.2441755	.5307935	209.2710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.02885	123.5077	.2599452	-.006653	.6375656	.2968079	3.760398
Stddev	.03603	.1242	.0008892	.000276	.0399659	.0036329	.419602
%RSD	.2115943	.1005585	.3420711	4.141606	6.268518	1.223978	11.15844

#1	17.04340	123.3645	.2593009	-.006530	.6137582	.2974341	4.241072
#2	17.05533	123.5866	.2595749	-.006461	.6837064	.2929026	3.467334
#3	16.98782	123.5719	.2609597	-.006969	.6152322	.3000869	3.572790

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.050708	3.105044	.0790781	.0014972	4.405497	3.850659	.0107280
Stddev	.030061	.005475	.0005114	.0001599	.016036	.016097	.0029060
%RSD	.4968209	.1763225	.6467599	10.68160	.3639901	.4180396	27.08808

#1	6.079824	3.105016	.0794231	.0016107	4.397601	3.842961	.0085495
#2	6.052516	3.110533	.0784905	.0015666	4.394941	3.839857	.0096070
#3	6.019784	3.099583	.0793207	.0013143	4.423949	3.869160	.0140276

Sample Name: I2019-17 Acquired: 3/2/2017 13:58:24 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TQ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6120192	.0550322	.1545546
Stddev	.0006793	.0009771	.0004920
%RSD	.1110002	1.775570	.3182995

#1	.6120802	.0554197	.1551004
#2	.6113114	.0557562	.1544183
#3	.6126660	.0539208	.1541452

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.90815	1511.764	59485.34	8504.179	1800.620
Stddev	2.47027	2.895	415.68	30.658	1.292
%RSD	9.534719	.1914986	.6987858	.3605059	.0717571

#1	23.07424	1508.534	59540.82	8522.575	1800.922
#2	27.60604	1514.124	59870.49	8521.175	1801.734
#3	27.04418	1512.633	59044.71	8468.788	1799.204

Sample Name: CCV024 Acquired: 3/2/2017 14:06:39 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832674	4.675506	23.82050	4.829431	4.819394	408.6632	9.855331
Stddev	.015618	.020063	.06522	.012353	.025551	1.3923	.115531
%RSD	.3231714	.4291002	.2738014	.2557882	.5301633	.3407064	1.172272

#1	4.814973	4.673315	23.79247	4.828396	4.813704	410.1735	9.799685
#2	4.844511	4.696574	23.89505	4.842270	4.847310	407.4308	9.778154
#3	4.838538	4.656629	23.77397	4.817629	4.797168	408.3854	9.988155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4966635	2.383331	397.2170	14.86236	2.384795	14.96587	392.9267
Stddev	.0051332	.009252	1.6720	.03016	.006760	.01345	1.4017
%RSD	1.033532	.3882138	.4209327	.2029094	.2834475	.0898398	.3567272

#1	.4996991	2.379801	397.4376	14.87394	2.381073	14.98126	393.6372
#2	.4907368	2.393829	395.4456	14.82813	2.392598	14.95992	391.3120
#3	.4995545	2.376364	398.7677	14.88502	2.380715	14.95643	393.8308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.21970	389.8760	2.379920	1.204998	393.1993	2.487562	14.13693
Stddev	.07499	1.8127	.010476	.005404	.2246	.020495	.57986
%RSD	.5273766	.4649323	.4401889	.4484620	.0571253	.8238991	4.101706

#1	14.23169	389.2117	2.373763	1.205504	392.9427	2.503718	13.93775
#2	14.13944	388.4892	2.392016	1.199359	393.2945	2.464508	13.68293
#3	14.28798	391.9270	2.373982	1.210131	393.3605	2.494460	14.79013

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.2788	4.994743	4.763324	4.757585	4.924307	4.900526	4.762290
Stddev	.5135	.016657	.057401	.022195	.020239	.044831	.013364
%RSD	.3394432	.3334939	1.205057	.4665155	.4110017	.9148134	.2806261

#1	151.8716	5.011760	4.781026	4.744816	4.904896	4.933107	4.748420
#2	150.9949	4.978470	4.699157	4.783214	4.922742	4.849398	4.775084
#3	150.9699	4.993999	4.809788	4.744726	4.945283	4.919074	4.763368

Sample Name: CCV024 Acquired: 3/2/2017 14:06:39 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.953692	5.029234	4.980481
Stddev	.020750	.024562	.067942
%RSD	.4188764	.4883812	1.364159

#1	4.977476	5.054607	5.050667
#2	4.939292	5.027523	4.915032
#3	4.944308	5.005573	4.975744

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.80836	1210.905	47873.61	7020.857	1556.094
Stddev	.88642	4.965	154.27	63.904	3.628
%RSD	4.474975	.4100167	.3222384	.9102074	.2331289

#1	19.99867	1213.422	47708.22	6982.382	1558.396
#2	20.58417	1205.185	48013.60	7094.625	1551.913
#3	18.84224	1214.107	47899.00	6985.565	1557.975

Sample Name: CCB024 Acquired: 3/2/2017 14:10:44 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009600	.0078290	.0006272	.0042226	.0018419	.0039501	-.002706
Stddev	.000693	.0063118	.0008550	.0050274	.0048622	.0055519	.000207
%RSD	7.220058	80.61988	136.3166	119.0593	263.9714	140.5519	7.657548

#1	-.010162	.0067635	-.000200	-.000744	.0000444	.0025885	-.002493
#2	-.009813	.0146057	.000574	.004103	.0073469	.0100561	-.002718
#3	-.008825	.0021179	.001508	.009309	-.001866	-.000794	-.002907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002347	-.000029	-.012184	.0002693	.0003027	-.000468	-.003584
Stddev	.0000480	.000115	.004943	.0003058	.0003190	.001128	.008874
%RSD	20.46106	393.4797	40.57257	113.5324	105.3638	241.1317	247.6294

#1	.0001924	.000099	-.009201	.0001589	-.000006	.000830	-.013830
#2	.0002869	-.000063	-.017891	.0000341	.000631	-.001020	.001386
#3	.0002248	-.000124	-.009461	.0006150	.000282	-.001213	.001692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005687	.0102640	.0010436	.0004534	.0165025	-.001786	-.004747
Stddev	.0005779	.0020684	.0000744	.0002911	.0228245	.004992	.008333
%RSD	101.6251	20.15256	7.134165	64.20182	138.3088	279.4362	175.5386

#1	.0011183	.0082246	.0010250	.0004527	.0378963	.003977	-.013481
#2	.0006216	.0102071	.0011255	.0007449	.0191355	-.004645	.003115
#3	-.000034	.0123603	.0009802	.0001627	-.007524	-.004691	-.003875

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.241701	-.001604	.0031161	-.000044	-.001167	-.003304	.0002383
Stddev	.077792	.010884	.0003367	.000278	.000476	.001838	.0027589
%RSD	32.18517	678.3624	10.80456	635.8909	40.79611	55.63919	1157.835

#1	-.239984	.004412	.0030034	.000221	-.001261	-.004155	.0023787
#2	-.164782	-.014169	.0034946	-.000333	-.001589	-.004562	.0012115
#3	-.320337	.004943	.0028502	-.000019	-.000651	-.001194	-.002875

Sample Name: CCB024 Acquired: 3/2/2017 14:10:44 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000788	-.000223	-.000081
Stddev	.0003630	.001116	.000047
%RSD	460.4177	500.3070	58.24538

#1	.0004263	-.001356	-.000124
#2	-.000298	-.000189	-.000090
#3	.000108	.000876	-.000030

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.05472	1464.922	56219.89	7464.733	2269.172
Stddev	.95878	5.229	249.49	40.002	8.266
%RSD	3.985835	.3569779	.4437763	.5358801	.3642691

#1	25.14083	1459.033	56215.91	7433.775	2259.691
#2	23.32583	1469.023	56471.34	7450.525	2272.953
#3	23.69750	1466.710	55972.41	7509.900	2274.871

Sample Name: I2019-18 Acquired: 3/2/2017 14:14:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -7.34134	2.331219	23.70582	4.115279	2.023051	82.83188
Stddev	5.09775	1.587432	.37641	2.801950	1.294045	.16569
%RSD	69.43898	68.09450	1.587847	68.08650	63.96500	.2000293

#1	-2.54861	.801953	23.43656	1.580764	.785403	83.01430
#2	-6.77807	2.220667	23.54496	3.640959	1.916809	82.69072
#3	-12.6973	3.971037	24.13593	7.124115	3.366942	82.79061

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.899281	.0108861	.2475539	262.8249	.1218905	.0183481
Stddev	.027003	.0011507	.1046241	.4792	.0023051	.1780276
%RSD	.2727807	10.57012	42.26317	.1823092	1.891088	970.2758

#1	9.873314	.0099662	.1516444	262.5254	.1202645	.1870958
#2	9.927213	.0105156	.2318908	263.3775	.1208785	.0356452
#3	9.897315	.0121763	.3591265	262.5716	.1245284	-.167697

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6570177	196.3700	17.68880	111.2672	.7984919	-.003611
Stddev	.0025143	.2898	.02686	.3243	.3922997	.000910
%RSD	.3826770	.1475985	.1518266	.2914945	49.13008	25.20529

#1	.6598748	196.1061	17.71973	111.5581	.4530215	-.004177
#2	.6551427	196.6802	17.67138	111.3260	.7174818	-.004094
#3	.6560356	196.3237	17.67529	110.9174	1.224972	-.002561

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5925611	.2685819	6.272111	6.613320	11.63258	.0871916
Stddev	.1044197	.0043209	.104499	.077692	4.50721	.0079347
%RSD	17.62176	1.608777	1.666096	1.174786	38.74646	9.100321

#1	.4875876	.2705631	6.387874	6.533521	7.68909	.0818635
#2	.6964180	.2715570	6.243712	6.617721	10.66297	.0834006
#3	.5936775	.2636257	6.184746	6.688718	16.54569	.0963108

Sample Name: I2019-18 Acquired: 3/2/2017 14:14:52 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1542389	28.52295	2.967100	6.086470	.5057964	.0522243
Stddev	.1178442	15.87835	.122850	4.362480	.0011549	.0001427
%RSD	76.40368	55.66868	4.140421	71.67503	.2283301	.2732442

#1	.0487665	14.17750	3.087458	2.105322	.5065976	.0521133
#2	.1325174	25.80740	2.971942	5.404205	.5044726	.0523853
#3	.2814327	45.58395	2.841900	10.74988	.5063190	.0521745

Elem	Sr4077
Units	ppm
Avg	.1923042
Stddev	.0004213
%RSD	.2190765

#1	.1922264
#2	.1919272
#3	.1927589

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.70895	1337.322	58051.75	8721.351	1414.122
Stddev	.50084	48.869	1194.69	26.612	71.318
%RSD	1.948100	3.654231	2.057976	.3051371	5.043239

#1	25.16032	1287.767	59335.59	8691.587	1476.539
#2	26.14167	1338.725	57846.99	8742.850	1429.436
#3	25.82486	1385.474	56972.67	8729.615	1336.392

Sample Name: I2019-19 Acquired: 3/2/2017 14:18:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1263060	-.003270	19.47235	.0007724	.0055008	95.28363	13.58161
Stddev	.0071828	.002428	.32319	.0049042	.0010532	1.79843	.27469
%RSD	5.686801	74.26636	1.659746	634.9100	19.14617	1.887447	2.022501

#1	.1229927	-.002613	19.28961	-.003857	.0058975	97.35823	13.89871
#2	.1345474	-.001237	19.84551	.005912	.0062981	94.32628	13.41690
#3	.1213780	-.005959	19.28192	.000263	.0043069	94.16640	13.42921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112917	.0622722	244.0412	.1150840	.2542674	.5555707	222.8267
Stddev	.0002292	.0006845	5.3445	.0017518	.0034454	.0141392	4.5452
%RSD	2.029937	1.099226	2.190000	1.522150	1.355031	2.544994	2.039807

#1	.0115283	.0619133	250.1929	.1130877	.2530357	.5715434	228.0456
#2	.0110707	.0630616	241.3906	.1157999	.2581594	.5446564	220.6988
#3	.0112760	.0618419	240.5400	.1163644	.2516071	.5505124	219.7358

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.15031	123.9705	.2575491	-.006437	.6382011	.3221157	4.172829
Stddev	.36501	2.6857	.0046020	.000635	.0666106	.0034450	.135941
%RSD	2.128289	2.166368	1.786840	9.859640	10.43725	1.069500	3.257772

#1	17.56775	127.0465	.2537272	-.005716	.6235589	.3255564	4.327987
#2	16.99196	122.7738	.2626574	-.006911	.5801297	.3186663	4.074646
#3	16.89121	122.0912	.2562627	-.006684	.7109147	.3221245	4.115856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.048284	3.465642	.0828757	.0012134	4.639103	3.263576	.0089157
Stddev	.160184	.065070	.0048439	.0003063	.086911	.065194	.0046649
%RSD	2.648422	1.877569	5.844834	25.24004	1.873445	1.997635	52.32272

#1	6.232382	3.425320	.0884470	.0014993	4.594254	3.336323	.0050739
#2	5.971721	3.540710	.0805201	.0008902	4.739277	3.243971	.0141064
#3	5.940749	3.430898	.0796602	.0012507	4.583778	3.210434	.0075667

Sample Name: I2019-19 Acquired: 3/2/2017 14:18:51 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6255532	.0651051	.1527489
Stddev	.0119778	.0012982	.0028976
%RSD	1.914754	1.994011	1.896995

#1	.6393159	.0665950	.1560836
#2	.6198590	.0645034	.1513177
#3	.6174847	.0642170	.1508453

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.09299	1535.201	60740.98	8584.291	1818.479
Stddev	.89283	19.935	368.94	151.039	28.592
%RSD	3.558080	1.298514	.6073976	1.759484	1.572316

#1	24.09948	1540.595	61143.47	8411.694	1827.987
#2	25.82817	1513.125	60660.63	8648.896	1786.344
#3	25.35132	1551.884	60418.84	8692.283	1841.105

Sample Name: I2019-20 Acquired: 3/2/2017 14:23:02 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989863	-.007510	23.96662	-.000898	.0030296	84.97346	11.38157
Stddev	.0118719	.009333	.16557	.006146	.0034030	1.43450	.09025
%RSD	11.99353	124.2715	.6908226	684.5672	112.3233	1.688173	.7929108

#1	.0888861	.000641	23.85663	.001008	.0069474	86.07536	11.41639
#2	.0960094	-.005480	23.88618	.004070	.0008093	83.35146	11.27910
#3	.1120634	-.017690	24.15703	-.007771	.0013321	85.49356	11.44921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102496	.1010215	292.2684	.1126789	.2788850	.6106443	201.3166
Stddev	.0000780	.0005261	4.9950	.0004150	.0014379	.0097471	3.3392
%RSD	.7606155	.5207474	1.709043	.3682793	.5155749	1.596196	1.658680

#1	.0102211	.1008141	295.3001	.1122728	.2775705	.6168612	203.5516
#2	.0103378	.1006308	286.5032	.1131022	.2786638	.5994107	197.4781
#3	.0101899	.1016197	295.0018	.1126616	.2804206	.6156610	202.9200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.20891	127.9165	.2838429	-.003917	.7372581	.2647383	5.636615
Stddev	.30660	2.5906	.0007335	.000360	.0296507	.0047412	.095872
%RSD	1.596142	2.025226	.2584264	9.194255	4.021752	1.790919	1.700882

#1	19.41343	129.5420	.2831829	-.004222	.7031193	.2692351	5.732953
#2	18.85638	124.9290	.2837131	-.004010	.7565788	.2597856	5.635678
#3	19.35692	129.2786	.2846326	-.003520	.7520763	.2651943	5.541215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.979275	5.561815	.0838125	-.000376	7.903972	3.577543	.0059350
Stddev	.182271	.028418	.0036901	.000557	.092445	.051631	.0025996
%RSD	2.611598	.5109537	4.402797	148.0858	1.169604	1.443194	43.80059

#1	7.105992	5.535351	.0871772	-.000228	7.813716	3.611253	.0038277
#2	6.770384	5.558245	.0798661	.000092	7.899739	3.518103	.0088399
#3	7.061450	5.591850	.0843943	-.000992	7.998461	3.603273	.0051374

Sample Name: I2019-20 Acquired: 3/2/2017 14:23:02 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TQ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5008545	.0532712	.2065848
Stddev	.0099450	.0014234	.0033919
%RSD	1.985604	2.672026	1.641869

#1	.5094899	.0538424	.2091150
#2	.4899813	.0516510	.2027306
#3	.5030924	.0543204	.2079087

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	27.33019	1523.289	59738.59	8636.142	1811.132
Stddev	.57524	7.740	226.27	96.078	8.376
%RSD	2.104768	.5081188	.3787696	1.112511	.4624859

#1	26.77349	1520.956	59528.96	8579.795	1813.293
#2	27.29475	1531.927	59708.35	8747.078	1818.215
#3	27.92233	1516.983	59978.46	8581.552	1801.887

Sample Name: I2019-21 Acquired: 3/2/2017 14:27:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888337	-.002690	17.54775	.0044654	.0024755	67.30474	10.86534
Stddev	.0075196	.004812	.01179	.0098922	.0027728	.13649	.06212
%RSD	8.464774	178.8419	.0672151	221.5288	112.0132	.2027903	.5717706

#1	.0973653	-.003422	17.53464	-.005290	-.000152	67.27493	10.89779
#2	.0859651	-.007095	17.55750	.004197	.002204	67.45367	10.90452
#3	.0831706	.002445	17.55112	.014489	.005374	67.18563	10.79371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089806	.0662333	197.1241	.1240527	.2220249	.4963320	181.5711
Stddev	.0001152	.0000544	.6199	.0011433	.0012487	.0017805	.7496
%RSD	1.282507	.0820640	.3144564	.9215980	.5624034	.3587257	.4128171

#1	.0091084	.0662912	196.9682	.1227747	.2225315	.4965772	181.1483
#2	.0089484	.0661834	197.8070	.1244049	.2206025	.4979772	182.4365
#3	.0088849	.0662253	196.5970	.1249783	.2229406	.4944417	181.1284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.81533	95.80417	.2307613	-.005042	.5829993	.2584517	3.798171
Stddev	.07834	.31531	.0007409	.000248	.0997990	.0043960	.087962
%RSD	.5287898	.3291152	.3210508	4.923443	17.11820	1.700914	2.315893

#1	14.75577	95.53800	.2300678	-.005238	.4778823	.2578360	3.834763
#2	14.90407	96.15239	.2315418	-.005124	.5946598	.2543959	3.697821
#3	14.78614	95.72212	.2306744	-.004762	.6764558	.2631231	3.861931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.466956	3.211951	.0753522	.0013212	4.050731	3.041064	.0042256
Stddev	.032586	.014429	.0026331	.0002288	.022173	.010988	.0026318
%RSD	.7294830	.4492439	3.494384	17.32033	.5473817	.3613191	62.28248

#1	4.465786	3.195302	.0729772	.0011033	4.027655	3.034613	.0030111
#2	4.500111	3.219708	.0781837	.0013008	4.071874	3.053751	.0024203
#3	4.434972	3.220842	.0748957	.0015597	4.052663	3.034828	.0072454

Sample Name: I2019-21 Acquired: 3/2/2017 14:27:13 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5285790	.0385250	.1399283
Stddev	.0023277	.0000971	.0003916
%RSD	.4403590	.2519812	.2798551

#1	.5307822	.0384869	.1396585
#2	.5261442	.0384528	.1403774
#3	.5288105	.0386354	.1397490

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.70227	1505.265	59167.30	8248.891	1866.192
Stddev	.70817	4.632	48.29	36.694	1.796
%RSD	2.755288	.3077285	.0816157	.4448406	.0962634

#1	25.08901	1500.926	59114.00	8231.059	1864.125
#2	26.47734	1504.726	59179.77	8224.521	1867.076
#3	25.54045	1510.143	59208.13	8291.094	1867.375

Sample Name: I2019-22 Acquired: 3/2/2017 14:31:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1103418	-.004514	20.32181	.0049220	.0083061	66.30797	10.77510
Stddev	.0144472	.007764	.07460	.0103781	.0061121	1.08873	.17886
%RSD	13.09315	171.9872	.3670822	210.8496	73.58591	1.641928	1.659933

#1	.1013095	.002731	20.24288	-.005123	.0112430	67.56453	10.97782
#2	.1270043	-.012710	20.33140	.004286	.0123954	65.64626	10.70795
#3	.1027116	-.003564	20.39115	.015604	.0012799	65.71312	10.63954

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099178	.0735517	348.4701	.1127162	.2476869	.5539948	207.8324
Stddev	.0001376	.0002362	5.3804	.0003047	.0010464	.0086229	3.4299
%RSD	1.387637	.3211002	1.544005	.2702853	.4224597	1.556488	1.650299

#1	.0100766	.0733309	354.6327	.1123771	.2479611	.5628298	211.7837
#2	.0098449	.0738007	346.0711	.1129668	.2465307	.5535535	206.0895
#3	.0098320	.0735235	344.7066	.1128047	.2485688	.5456011	205.6240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.44364	171.6691	.2463322	-.006453	.8016780	.2564516	3.973428
Stddev	.28601	2.7898	.0013098	.000268	.0509476	.0050141	.038072
%RSD	1.550719	1.625080	.5317323	4.152302	6.355115	1.955175	.9581561

#1	18.77325	174.8805	.2451137	-.006381	.7487771	.2615379	4.013967
#2	18.29662	170.2819	.2461655	-.006749	.8504169	.2563039	3.938431
#3	18.26103	169.8448	.2477174	-.006227	.8058400	.2515130	3.967887

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.557434	3.755279	.0810738	-.000151	4.432887	3.368710	.0076278
Stddev	.092836	.018930	.0017438	.000951	.020300	.055313	.0021391
%RSD	2.037024	.5040811	2.150904	629.0737	.4579473	1.641973	28.04355

#1	4.657214	3.742541	.0799090	-.000709	4.427600	3.430793	.0096439
#2	4.541476	3.746265	.0830787	.000947	4.415753	3.350662	.0078555
#3	4.473611	3.777031	.0802339	-.000691	4.455308	3.324674	.0053839

Sample Name: I2019-22 Acquired: 3/2/2017 14:31:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4934157	.0409641	.1793574
Stddev	.0105061	.0007501	.0033526
%RSD	2.129260	1.831181	1.869242

#1	.5054985	.0418274	.1832273
#2	.4883141	.0404720	.1775131
#3	.4864346	.0405927	.1773319

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.55947	1480.655	58363.35	8266.539	1775.282
Stddev	.31359	4.943	307.09	120.610	5.291
%RSD	1.226889	.3338187	.5261748	1.459012	.2980517

#1	25.24657	1479.281	58317.16	8127.549	1777.817
#2	25.87374	1486.139	58081.98	8343.650	1778.828
#3	25.55811	1476.545	58690.93	8328.419	1769.200

Sample Name: PB97258BL Acquired: 3/2/2017 14:35:36 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	-.009985	.0008713	.0021296	.0038328	.0005707	-.002123	-.002545
Stddev	.006666	.0018908	.0007924	.0061167	.0028256	.003929	.000173
%RSD	66.76187	217.0112	37.20821	159.5883	495.1432	185.1123	6.779415

#1	-.014353	.0021368	.0025464	-.003213	.0032175	-.000089	-.002347
#2	-.002312	.0017794	.0012158	.007785	.0008995	-.006652	-.002620
#3	-.013290	-.001302	.0026265	.006926	-.002405	.000373	-.002667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002328	-.000158	-.012728	.0004474	.0000274	.0006754	.0037417
Stddev	.0001294	.000069	.001222	.0001366	.0004602	.0012432	.0178675
%RSD	55.58831	43.72231	9.598890	30.53427	1677.504	184.0572	477.5192

#1	.0000939	-.000144	-.013304	.0003229	.0005534	.0018960	.0241781
#2	.0003500	-.000232	-.013556	.0004257	-.000170	.0007195	-.004024
#3	.0002544	-.000096	-.011325	.0005935	-.000301	-.000589	-.008929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012179	.0152489	.0005618	.0004368	-.262401	.0033676	-.027493
Stddev	.0006693	.0009490	.0002412	.0003851	.101715	.0024512	.011617
%RSD	54.95838	6.223578	42.93361	88.15997	38.76312	72.78868	42.25466

#1	.0004520	.0163207	.0003512	.0007416	-.359870	.0048224	-.033530
#2	.0016907	.0145153	.0005091	.0005648	-.270418	.0005375	-.014100
#3	.0015109	.0149107	.0008249	.0000040	-.156915	.0047429	-.034848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.319952	.0000295	-.001191	-.000193	.0078134	-.003616	.0006696
Stddev	.034371	.0074528	.000244	.000658	.0090235	.000908	.0024522
%RSD	10.74241	25292.72	20.47242	340.2528	115.4870	25.11828	366.2347

#1	-.347744	.0058579	-.001275	.000015	.0175217	-.004480	.0021712
#2	-.330593	.0025985	-.001381	.000335	-.000317	-.002669	.0019977
#3	-.281520	-.008368	-.000916	-.000930	.006236	-.003700	-.002160

Sample Name: PB97258BL Acquired: 3/2/2017 14:35:36 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.0001587	-.000835	-.000037
Stddev	.0008396	.000450	.000039
%RSD	528.9852	53.86441	105.2398

#1	.0005136	-.000421	-.000023
#2	-.000800	-.001313	-.000007
#3	.000763	-.000769	-.000082

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	22.62472	1450.836	56429.32	7387.058	2246.174
Stddev	1.38719	3.381	127.74	31.034	4.947
%RSD	6.131306	.2330038	.2263737	.4201075	.2202551

#1	23.17583	1448.560	56323.62	7388.725	2243.936
#2	23.65167	1454.720	56393.08	7417.225	2251.845
#3	21.04667	1449.227	56571.27	7355.225	2242.742

Sample Name: I2020-01 Acquired: 3/2/2017 14:43:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1413331	-.005515	30.73032	-.005349	.0084562	97.09492	17.00592
Stddev	.0050071	.011193	.12771	.009896	.0018646	.31517	.13949
%RSD	3.542750	202.9741	.4155921	184.9925	22.05027	.3245973	.8202197

#1	.1455026	.005304	30.79556	-.013989	.0105771	96.79855	16.94572
#2	.1427172	-.004799	30.58316	-.007505	.0070749	97.42601	17.16539
#3	.1357796	-.017049	30.81223	.005447	.0077164	97.06021	16.90664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123193	.1042215	260.3688	.1391178	.3637788	.7504896	248.7151
Stddev	.0001633	.0006488	1.5099	.0003691	.0011466	.0058206	.7867
%RSD	1.325763	.6224756	.5798987	.2652772	.3151856	.7755681	.3163133

#1	.0124961	.1042672	258.6665	.1391975	.3646661	.7474575	247.8272
#2	.0122877	.1035511	261.5461	.1387155	.3624842	.7572002	249.3254
#3	.0121740	.1048462	260.8937	.1394405	.3641862	.7468110	248.9927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.39885	125.6393	.3616122	-.007520	.7427997	.3433860	5.374286
Stddev	.10935	.6855	.0015685	.000343	.0401659	.0020657	.217716
%RSD	.4882033	.5455829	.4337369	4.563506	5.407368	.6015793	4.051075

#1	22.27690	124.8494	.3614557	-.007861	.7740320	.3412779	5.619469
#2	22.48817	125.9899	.3601279	-.007175	.7568771	.3434733	5.299803
#3	22.43149	126.0785	.3632531	-.007524	.6974900	.3454066	5.203586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.094230	4.697132	.0989253	.0021699	6.478452	4.311536	.0156887
Stddev	.088490	.012680	.0010052	.0005248	.032738	.026178	.0031459
%RSD	1.247352	.2699564	1.016090	24.18468	.5053294	.6071680	20.05203

#1	7.043181	4.711556	.0986633	.0016335	6.509729	4.289802	.0166524
#2	7.196410	4.687742	.0980770	.0021939	6.444427	4.340597	.0121737
#3	7.043101	4.692099	.1000355	.0026823	6.481200	4.304209	.0182401

Sample Name: I2020-01 Acquired: 3/2/2017 14:43:53 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TR2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7659852	.0575882	.2011462
Stddev	.0016200	.0001490	.0005225
%RSD	.2114893	.2587083	.2597870

#1	.7668317	.0575740	.2007421
#2	.7670065	.0574468	.2017363
#3	.7641173	.0577438	.2009601

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	26.86479	1578.956	61496.38	8761.974	1807.331
Stddev	.89000	9.122	142.82	53.295	9.366
%RSD	3.312893	.5776985	.2322387	.6082500	.5182167

#1	25.93212	1569.264	61350.25	8812.413	1798.500
#2	26.95736	1587.373	61635.64	8706.221	1817.153
#3	27.70488	1580.231	61503.25	8767.287	1806.340

Sample Name: I2020-02 Acquired: 3/2/2017 14:48:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810607	-.002034	14.62791	.0069095	.0054829	54.72892	8.865645
Stddev	.0114123	.009046	.06742	.0074493	.0032287	.35349	.088977
%RSD	14.07873	444.6418	.4609015	107.8122	58.88650	.6458943	1.003615

#1	.0870198	.007020	14.61355	.0054664	.0090252	54.39604	8.845717
#2	.0882599	-.011072	14.56882	.0149749	.0047183	54.69080	8.788322
#3	.0679024	-.002051	14.70135	.0002874	.0027051	55.09993	8.962896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073449	.0437602	128.1440	.1270312	.1627065	.3944274	154.3287
Stddev	.0001261	.0002097	1.1221	.0020590	.0013712	.0018421	.8820
%RSD	1.717429	.4790980	.8756232	1.620857	.8427377	.4670276	.5715184

#1	.0073016	.0435183	127.3809	.1252387	.1618305	.3925658	153.9879
#2	.0074870	.0438743	127.6187	.1292801	.1620022	.3962493	153.6680
#3	.0072460	.0438881	129.4323	.1265747	.1642867	.3944672	155.3303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25599	61.45236	.1783224	-.004226	.4808470	.2384863	2.977732
Stddev	.05006	.44470	.0011626	.000090	.1358634	.0044432	.019805
%RSD	.4880568	.7236445	.6519737	2.137231	28.25502	1.863073	.6651058

#1	10.22269	61.02362	.1786525	-.004160	.6376957	.2346724	2.965610
#2	10.23172	61.42199	.1770305	-.004329	.4052010	.2374213	2.967000
#3	10.31355	61.91146	.1792843	-.004189	.3996443	.2433652	3.000587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.548943	2.585403	.0659633	.0013704	4.084446	2.546060	.0076498
Stddev	.006216	.000793	.0025422	.0007296	.018301	.031530	.0022514
%RSD	.1751399	.0306595	3.853904	53.23875	.4480565	1.238377	29.43022

#1	3.549182	2.584488	.0669686	.0022127	4.065862	2.528613	.0100886
#2	3.542611	2.585876	.0630722	.0009624	4.085026	2.527110	.0056508
#3	3.555035	2.585846	.0678491	.0009360	4.102450	2.582457	.0072100

Sample Name: I2020-02 Acquired: 3/2/2017 14:48:04 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TR3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6501548	.0308037	.1110273
Stddev	.0066273	.0007165	.0005473
%RSD	1.019348	2.325969	.4929536

#1	.6451980	.0305853	.1104959
#2	.6475839	.0316039	.1109968
#3	.6576824	.0302218	.1115892

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.42023	1503.909	58960.06	8173.747	1952.934
Stddev	.18620	5.581	661.83	26.919	8.593
%RSD	.7624895	.3710905	1.122513	.3293304	.4400035

#1	24.31691	1499.560	59704.65	8191.738	1951.316
#2	24.63519	1510.202	58438.71	8186.702	1962.221
#3	24.30860	1501.964	58736.83	8142.800	1945.265

Sample Name: I2020-03 Acquired: 3/2/2017 14:52:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0910856	-.002619	17.59998	.0061951	.0039707	56.41679	9.900867
Stddev	.0033825	.009025	.03691	.0040238	.0025768	.05577	.058140
%RSD	3.713523	344.6309	.2097032	64.95169	64.89363	.0988481	.5872219

#1	.0873026	-.009972	17.58390	.0015491	.0010130	56.47667	9.851055
#2	.0921355	-.005337	17.57384	.0084758	.0057294	56.40736	9.964752
#3	.0938186	.007453	17.64220	.0085605	.0051698	56.36634	9.886795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084919	.0483785	272.6860	.1107438	.1926505	.4914569	175.3527
Stddev	.0000623	.0001959	.7140	.0001951	.0004558	.0050755	.5365
%RSD	.7340482	.4048511	.2618475	.1761966	.2365944	1.032753	.3059707

#1	.0084493	.0483793	272.1285	.1107928	.1926338	.4892649	174.9082
#2	.0085635	.0485739	273.4908	.1109098	.1931144	.4972600	175.9487
#3	.0084630	.0481822	272.4387	.1105288	.1922032	.4878457	175.2011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80597	134.1733	.1958999	-.005394	.5509127	.2346899	3.152675
Stddev	.05691	.3929	.0005491	.000183	.0924519	.0014439	.092294
%RSD	.4122449	.2928071	.2803186	3.391478	16.78158	.6152395	2.927490

#1	13.76491	134.0364	.1963876	-.005191	.4452409	.2348640	3.050112
#2	13.87094	134.6163	.1960071	-.005447	.6168811	.2331669	3.178879
#3	13.78208	133.8671	.1953051	-.005545	.5906160	.2360389	3.229033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.827459	3.118557	.0730441	.0011463	3.944288	4.905116	.0063506
Stddev	.027575	.013214	.0018225	.0001550	.004764	.011414	.0008718
%RSD	.7204558	.4237073	2.495079	13.52570	.1207716	.2326989	13.72727

#1	3.796475	3.119457	.0740866	.0011056	3.939407	4.893218	.0062596
#2	3.836595	3.104916	.0741061	.0010156	3.948925	4.915975	.0072643
#3	3.849306	3.131297	.0709397	.0013176	3.944531	4.906154	.0055279

Sample Name: I2020-03 Acquired: 3/2/2017 14:52:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6516295	.0322962	.1524007
Stddev	.0040144	.0006888	.0001159
%RSD	.6160535	2.132868	.0760568

#1	.6555632	.0330208	.1524501
#2	.6517862	.0316498	.1524836
#3	.6475390	.0322179	.1522682

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.33321	1484.995	58538.40	8260.537	1846.846
Stddev	.73101	5.343	174.82	25.917	2.864
%RSD	2.885564	.3597910	.2986359	.3137390	.1550489

#1	26.05374	1480.647	58378.97	8262.959	1844.602
#2	25.35374	1490.959	58510.89	8233.495	1850.071
#3	24.59216	1483.379	58725.34	8285.158	1845.866

Sample Name: I2020-04 Acquired: 3/2/2017 14:56:22 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0900916	.0030630	17.08120	.0044399	.0062273	62.05590	10.37576
Stddev	.0114397	.0096151	.04892	.0022587	.0035687	.33695	.09319
%RSD	12.69782	313.9169	.2864017	50.87197	57.30698	.5429841	.8981411

#1	.0997703	-.007406	17.06372	.0021378	.0100368	62.44274	10.30979
#2	.0774671	.011500	17.04343	.0045294	.0029619	61.89853	10.48237
#3	.0930373	.005094	17.13647	.0066524	.0056833	61.82642	10.33513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083633	.0469233	239.1279	.1175255	.1902261	.4726928	173.4980
Stddev	.0002540	.0003360	1.1228	.0011934	.0007166	.0050309	.7043
%RSD	3.036795	.7160080	.4695581	1.015430	.3767266	1.064306	.4059263

#1	.0086363	.0468119	240.4151	.1184919	.1896174	.4775215	174.2580
#2	.0083197	.0466572	238.3498	.1161915	.1910159	.4730755	173.3685
#3	.0081340	.0473008	238.6188	.1178930	.1900449	.4674815	172.8675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.94040	117.7458	.1954837	-.005086	.5676132	.2488666	3.040857
Stddev	.05177	.4566	.0006087	.000328	.0054464	.0011075	.079750
%RSD	.4000874	.3878093	.3113933	6.446873	.9595261	.4450105	2.622630

#1	12.99881	118.2122	.1954006	-.005359	.5670212	.2487109	3.028725
#2	12.92223	117.7256	.1949208	-.005175	.5733314	.2478453	3.125978
#3	12.90016	117.2996	.1961297	-.004722	.5624869	.2500438	2.967867

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.282088	3.074397	.0757432	.0017469	3.843032	3.701114	.0083665
Stddev	.056476	.002836	.0018242	.0008012	.005685	.026067	.0016652
%RSD	1.318881	.0922488	2.408474	45.86536	.1479346	.7042976	19.90319

#1	4.341366	3.077097	.0763238	.0008633	3.836720	3.729780	.0064743
#2	4.275989	3.071442	.0736993	.0024261	3.844625	3.694728	.0096086
#3	4.228909	3.074651	.0772065	.0019513	3.847750	3.678833	.0090166

Sample Name: I2020-04 Acquired: 3/2/2017 14:56:22 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7097959	.0353423	.1520016
Stddev	.0050842	.0002043	.0006605
%RSD	.7162880	.5780426	.4345210

#1	.7152654	.0355185	.1527641
#2	.7089082	.0353900	.1516370
#3	.7052139	.0351184	.1516039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.93923	1501.288	58678.23	8268.651	1875.349
Stddev	.53406	1.578	133.67	32.215	1.149
%RSD	2.058886	.1050791	.2278017	.3896074	.0612905

#1	25.84898	1499.674	58805.21	8241.111	1874.461
#2	25.45604	1502.826	58690.73	8260.766	1876.647
#3	26.51266	1501.363	58538.75	8304.077	1874.939

Sample Name: I2020-05 Acquired: 3/2/2017 15:00:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1220406	-.003597	30.62896	-.005778	.0029149	93.84702	15.57253
Stddev	.0042732	.012121	.06627	.007524	.0034377	.20872	.13757
%RSD	3.501473	336.9859	.2163783	130.2189	117.9372	.2224035	.8834287

#1	.1259137	.006200	30.70131	.002075	.0065101	93.60824	15.53996
#2	.1227517	-.017151	30.57119	-.006486	.0025746	93.93808	15.72346
#3	.1174565	.000161	30.61437	-.012923	-.000340	93.99474	15.45416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117374	.0786217	258.4921	.1313716	.3326479	.7626564	235.1736
Stddev	.0002987	.0002315	.6869	.0002209	.0004634	.0042867	.8411
%RSD	2.545044	.2945114	.2657456	.1681455	.1393040	.5620709	.3576470

#1	.0120823	.0788222	257.7060	.1312646	.3331369	.7610965	234.2630
#2	.0115621	.0786746	258.7935	.1312245	.3322153	.7675046	235.9214
#3	.0115678	.0783683	258.9768	.1316256	.3325916	.7593682	235.3364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.08224	124.7981	.3265702	-.006725	.7324604	.3233744	4.683488
Stddev	.06988	.2895	.0009421	.000273	.0578761	.0055555	.154087
%RSD	.3479938	.2320115	.2884682	4.058010	7.901598	1.717977	3.290012

#1	20.00366	124.4725	.3254985	-.006942	.7639227	.3213355	4.831120
#2	20.13744	125.0267	.3272672	-.006815	.7677903	.3191266	4.695675
#3	20.10562	124.8951	.3269450	-.006419	.6656682	.3296613	4.523669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.243018	4.695107	.0953824	.0025493	6.239678	3.778745	.0158133
Stddev	.043714	.008401	.0014618	.0006378	.022827	.019139	.0038229
%RSD	.6035365	.1789251	1.532602	25.01726	.3658330	.5064786	24.17532

#1	7.247532	4.704413	.0959342	.0030189	6.232645	3.783157	.0172077
#2	7.197221	4.688085	.0937250	.0018232	6.221195	3.795293	.0187433
#3	7.284299	4.692822	.0964880	.0028058	6.265194	3.757786	.0114889

Sample Name: I2020-05 Acquired: 3/2/2017 15:00:31 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6864784	.0569123	.1925764
Stddev	.0027429	.0008599	.0004943
%RSD	.3995658	1.511012	.2567032

#1	.6871375	.0559525	.1920466
#2	.6888317	.0576126	.1930252
#3	.6834659	.0571718	.1926575

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	27.39057	1579.597	61911.68	8787.481	1838.834
Stddev	.75792	4.702	114.26	30.117	4.044
%RSD	2.767084	.2976573	.1845494	.3427247	.2199339

#1	26.65717	1574.186	62013.02	8772.196	1834.164
#2	27.34370	1581.918	61934.17	8768.071	1841.138
#3	28.17083	1582.686	61787.85	8822.175	1841.200

Sample Name: I2020-06 Acquired: 3/2/2017 15:04:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0644240	.0023978	15.12643	.0075711	.0027585	49.94495	6.778691
Stddev	.0059539	.0086712	.06533	.0025167	.0028651	.19671	.028272
%RSD	9.241709	361.6278	.4319248	33.24072	103.8653	.3938605	.4170761

#1	.0676823	.0047173	15.14636	.0078058	.0023044	50.12855	6.785395
#2	.0575521	.0096734	15.17948	.0099621	.0058235	49.96897	6.747669
#3	.0680375	-.007197	15.05345	.0049452	.0001475	49.73733	6.803009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073890	.0540353	189.8725	.1138966	.1600653	.3957838	153.3151
Stddev	.0000607	.0005151	.1783	.0002616	.0013846	.0028290	.3692
%RSD	.8217944	.9532125	.0939312	.2296471	.8650165	.7147883	.2407848

#1	.0073215	.0540271	190.0410	.1137891	.1606647	.3984620	153.6169
#2	.0074392	.0545545	189.6857	.1137059	.1610493	.3960647	152.9035
#3	.0074062	.0535244	189.8909	.1141947	.1584820	.3928249	153.4249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73112	88.32449	.1631238	-.004571	.4368752	.2196286	3.126289
Stddev	.01048	.13807	.0006725	.000335	.0309830	.0083993	.110695
%RSD	.0976491	.1563195	.4122964	7.331972	7.091956	3.824317	3.540789

#1	10.74301	88.35598	.1638962	-.004209	.4573791	.2171873	3.192923
#2	10.72713	88.17340	.1626673	-.004871	.4520129	.2289781	2.998508
#3	10.72323	88.44410	.1628080	-.004634	.4012335	.2127204	3.187434

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.910906	2.915726	.0624142	.0007149	3.352382	2.818324	.0013352
Stddev	.031082	.009746	.0014734	.0002031	.013304	.009764	.0032259
%RSD	1.067767	.3342705	2.360599	28.41437	.3968621	.3464434	241.6103

#1	2.930253	2.906787	.0640633	.0004818	3.342035	2.828171	-.002181
#2	2.927411	2.926117	.0612276	.0008539	3.367390	2.818155	.002027
#3	2.875053	2.914275	.0619517	.0008089	3.347722	2.808645	.004159

Sample Name: I2020-06 Acquired: 3/2/2017 15:04:42 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6137289	.0274443	.1140233
Stddev	.0024368	.0001911	.0005100
%RSD	.3970409	.6961718	.4473172

#1	.6158552	.0275201	.1145938
#2	.6142617	.0275858	.1138647
#3	.6110698	.0272269	.1136114

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.25157	1489.369	58205.99	8162.934	1915.871
Stddev	.99069	2.057	369.87	25.680	5.125
%RSD	3.923279	.1381031	.6354515	.3145873	.2674899

#1	24.74597	1487.642	57805.33	8141.587	1911.870
#2	26.39304	1488.819	58534.41	8155.783	1914.094
#3	24.61569	1491.645	58278.23	8191.430	1921.647

Sample Name: I2020-07 Acquired: 3/2/2017 15:08:53 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0768505	.0000296	16.84205	.0049950	.0084280	55.18338	8.401609
Stddev	.0054478	.0079854	.01625	.0122778	.0031222	.06673	.046986
%RSD	7.088829	26951.81	.0965107	245.8005	37.04503	.1209327	.5592529

#1	.0775462	-.002185	16.83352	.0076362	.0105981	55.12310	8.393655
#2	.0710882	.008889	16.83184	.0157373	.0048498	55.25509	8.359107
#3	.0819170	-.006614	16.86080	-.008388	.0098362	55.17195	8.452064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083839	.0598086	321.7951	.1099598	.1755095	.4594768	172.6336
Stddev	.0000766	.0002386	.3278	.0008303	.0006784	.0037934	.2195
%RSD	.9135717	.3989372	.1018540	.7551306	.3865140	.8255945	.1271432

#1	.0084671	.0600398	321.4211	.1098837	.1747375	.4550990	172.7447
#2	.0083163	.0595632	321.9316	.1091701	.1760102	.4615403	172.3808
#3	.0083684	.0598228	322.0325	.1108256	.1757809	.4617912	172.7753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.63367	154.4745	.1840104	-.005034	.5436157	.2215819	3.388246
Stddev	.00980	.3012	.0007468	.000249	.0466570	.0045409	.224784
%RSD	.0718684	.1949605	.4058737	4.954962	8.582725	2.049296	6.634228

#1	13.62639	154.2367	.1848708	-.004979	.5031900	.2217755	3.215884
#2	13.62982	154.8132	.1836307	-.005306	.5946701	.2260228	3.642493
#3	13.64481	154.3737	.1835297	-.004816	.5329871	.2169472	3.306360

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.448905	3.386774	.0738911	.0007062	4.266909	3.148201	.0064268
Stddev	.027979	.025014	.0002124	.0009955	.016717	.006295	.0024656
%RSD	.8112454	.7385776	.2874957	140.9699	.3917833	.1999626	38.36360

#1	3.445441	3.406531	.0740886	.0011014	4.270277	3.147571	.0048487
#2	3.478455	3.358649	.0736663	.0014434	4.281686	3.142244	.0051637
#3	3.422819	3.395144	.0739184	-.000426	4.248765	3.154787	.0092680

Sample Name: I2020-07 Acquired: 3/2/2017 15:08:53 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TR8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6181809	.0323549	.1597030
Stddev	.0023526	.0001291	.0002458
%RSD	.3805692	.3990212	.1538831

#1	.6208261	.0322349	.1598816
#2	.6163227	.0324915	.1598046
#3	.6173939	.0323384	.1594227

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.89168	1469.516	57881.19	8222.074	1822.699
Stddev	1.20335	3.768	67.10	14.495	3.937
%RSD	4.834341	.2564394	.1159308	.1762921	.2159769

#1	25.94962	1470.402	57958.44	8215.939	1821.808
#2	23.58257	1472.761	57837.35	8238.627	1827.004
#3	25.14285	1465.383	57847.79	8211.655	1819.283

Sample Name: I2020-08 Acquired: 3/2/2017 15:13:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024990	.0009307	29.04422	-.004645	.0066500	86.33102	13.14174
Stddev	.0094426	.0118423	.13578	.006170	.0018107	.06887	.12966
%RSD	9.212421	1272.423	.4674885	132.8342	27.22776	.0797747	.9866327

#1	.0930758	.0127288	28.96877	-.008494	.0062289	86.28174	13.02396
#2	.1024603	.0010185	28.96293	.002472	.0086341	86.40971	13.12060
#3	.1119609	-.010955	29.20097	-.007913	.0050871	86.30160	13.28068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112705	.0953369	318.3626	.1404179	.3031380	.7268295	220.1464
Stddev	.0000726	.0005076	.5547	.0003036	.0016650	.0015892	.0863
%RSD	.6442552	.5323818	.1742500	.2161991	.5492624	.2186533	.0391932

#1	.0112121	.0951163	318.9794	.1400785	.3036184	.7263265	220.2347
#2	.0112477	.0949769	317.9045	.1406635	.3012856	.7255527	220.0623
#3	.0113518	.0959174	318.2038	.1405117	.3045100	.7286094	220.1423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.11586	149.1353	.3075849	-.005987	.8136817	.2995460	5.124810
Stddev	.00576	.1627	.0017120	.000319	.0758670	.0031135	.075311
%RSD	.0301299	.1090698	.5565859	5.326939	9.323917	1.039397	1.469545

#1	19.10927	149.2702	.3064771	-.005687	.8083987	.2982129	5.044139
#2	19.11989	148.9547	.3067210	-.006322	.7405942	.2973210	5.193269
#3	19.11843	149.1811	.3095567	-.005952	.8920521	.3031040	5.137022

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.361878	5.112081	.0913006	.0018324	6.917327	3.955822	.0126831
Stddev	.034824	.038285	.0007467	.0002793	.041095	.005182	.0062223
%RSD	.5473885	.7489073	.8178370	15.23991	.5940837	.1309855	49.05966

#1	6.382684	5.092638	.0920885	.0021028	6.910712	3.956028	.0197893
#2	6.381275	5.087420	.0906035	.0018494	6.879941	3.960897	.0082120
#3	6.321674	5.156186	.0912098	.0015451	6.961328	3.950540	.0100479

Sample Name: I2020-08 Acquired: 3/2/2017 15:13:04 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TR9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6825218	.0518552	.1997835
Stddev	.0021011	.0004262	.0002303
%RSD	.3078400	.8219865	.1152824

#1	.6843841	.0515575	.1998420
#2	.6802440	.0523435	.1999790
#3	.6829372	.0516646	.1995296

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.87522	1548.099	60608.82	8734.317	1808.451
Stddev	.56801	7.270	69.81	17.931	5.265
%RSD	2.195185	.4695892	.1151858	.2052932	.2911144

#1	26.48673	1541.524	60664.79	8754.615	1805.065
#2	25.36409	1555.906	60530.60	8727.704	1814.517
#3	25.77485	1546.868	60631.08	8720.631	1805.772

Sample Name: I2020-09 Acquired: 3/2/2017 15:17:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275025	.0061420	2.703661	.0031454	.0014856	10.88068	.4618339
Stddev	.0052114	.0053114	.005615	.0097145	.0036224	.00517	.0008451
%RSD	18.94878	86.47783	.2076827	308.8463	243.8423	.0475243	.1829801

#1	.0319402	.0115381	2.697545	.0012084	.0050923	10.88135	.4620113
#2	.0217639	.0059683	2.704855	-.005455	-.002152	10.87520	.4625761
#3	.0288035	.0009195	2.708583	.013683	.001517	10.88548	.4609142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025860	.0083429	78.91523	.0901648	.0393084	.0567572	67.49265
Stddev	.0000678	.0002188	.26128	.0002429	.0002324	.0017123	.25658
%RSD	2.621004	2.623046	.3310893	.2694009	.5911268	3.016912	.3801623

#1	.0026594	.0081750	79.07577	.0899036	.0390999	.0548793	67.73070
#2	.0025730	.0085904	78.61375	.0903839	.0392662	.0571603	67.22087
#3	.0025257	.0082634	79.05618	.0902068	.0395589	.0582321	67.52639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.052389	37.49335	.0417577	-.002561	.2297142	.1145298	.7830982
Stddev	.014410	.14624	.0005925	.000137	.1463487	.0045735	.0608580
%RSD	.4720934	.3900359	1.418793	5.339780	63.70903	3.993250	7.771440

#1	3.052288	37.60566	.0414201	-.002696	.3779628	.1109234	.8215733
#2	3.038029	37.32799	.0414112	-.002422	.0853424	.1196740	.8147865
#3	3.066849	37.54639	.0424418	-.002566	.2258375	.1129920	.7129347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.385260	1.062613	.0243540	-.000255	.3649422	1.484955	.0013322
Stddev	.022588	.004977	.0006704	.000203	.0122660	.009414	.0037060
%RSD	5.862998	.4683340	2.752510	79.87316	3.361070	.6339369	278.1950

#1	-.378215	1.057260	.0245173	-.000418	.3579485	1.491095	.0042134
#2	-.367035	1.067098	.0236171	-.000318	.3791054	1.474117	.0026317
#3	-.410531	1.063482	.0249276	-.000027	.3577728	1.489653	-.002849

Sample Name: I2020-09 Acquired: 3/2/2017 15:17:19 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4203267	.0025467	.0306315
Stddev	.0017369	.0006263	.0000469
%RSD	.4132353	24.59187	.1530814

#1	.4207384	.0031662	.0305909
#2	.4184210	.0025601	.0306828
#3	.4218209	.0019138	.0306206

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	25.47822	1449.899	56183.48	7693.418	2080.950
Stddev	1.09786	5.243	96.10	25.542	2.226
%RSD	4.309032	.3616195	.1710507	.3319996	.1069557

#1	25.34916	1445.240	56079.96	7688.947	2078.619
#2	24.45060	1455.577	56200.64	7720.901	2083.053
#3	26.63492	1448.880	56269.85	7670.407	2081.180

Sample Name: I2020-10 Acquired: 3/2/2017 15:21:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271071	.0034654	2.688715	-.001058	.0030025	10.76040	.4602331
Stddev	.0058250	.0046927	.017440	.005120	.0016936	.00973	.0010938
%RSD	21.48898	135.4175	.6486365	483.8094	56.40784	.0904703	.2376566

#1	.0230729	.0075996	2.673728	.001772	.0042945	10.75865	.4591480
#2	.0337852	-.001635	2.684560	.002022	.0036277	10.75166	.4602158
#3	.0244632	.004432	2.707857	-.006969	.0010851	10.77089	.4613354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028016	.0085466	78.79631	.0898163	.0394578	.0560028	67.36746
Stddev	.0000821	.0001136	.07420	.0002268	.0004152	.0004048	.26945
%RSD	2.931439	1.328730	.0941693	.2525186	1.052396	.7228147	.3999758

#1	.0027198	.0085298	78.82472	.0898840	.0398204	.0556613	67.10911
#2	.0028840	.0086677	78.71210	.0900015	.0390048	.0558971	67.34646
#3	.0028011	.0084425	78.85211	.0895633	.0395481	.0564499	67.64679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.032944	37.50240	.0410014	-.002518	.2836584	.1135114	.8337675
Stddev	.010329	.05773	.0003923	.000342	.1279885	.0030530	.0520391
%RSD	.3405440	.1539371	.9567225	13.59328	45.12064	2.689582	6.241435

#1	3.024946	37.53725	.0405565	-.002895	.2967172	.1155044	.8674629
#2	3.029281	37.43576	.0411504	-.002434	.4046168	.1150332	.8600073
#3	3.044605	37.53418	.0412974	-.002226	.1496411	.1099966	.7738324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.388014	1.066897	.0246083	.0000305	.3634189	1.462511	.0015195
Stddev	.035516	.007754	.0001295	.0006410	.0071337	.006235	.0038587
%RSD	9.153348	.7267566	.5262900	2102.761	1.962936	.4263150	253.9547

#1	-.411816	1.058329	.0245680	.0000019	.3560457	1.463606	.0054344
#2	-.405036	1.073432	.0247531	-.000596	.3702862	1.468125	-.002280
#3	-.347191	1.068930	.0245037	.000685	.3639249	1.455800	.001404

Sample Name: I2020-10 Acquired: 3/2/2017 15:21:24 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4161532	.0024923	.0304359
Stddev	.0020233	.0004537	.0001309
%RSD	.4861840	18.20331	.4299732

#1	.4184700	.0020090	.0303697
#2	.4152551	.0029091	.0303513
#3	.4147344	.0025587	.0305866

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.27706	1454.350	56867.90	7768.722	2087.335
Stddev	.95455	4.541	42.91	24.339	6.183
%RSD	3.931906	.3122387	.0754575	.3132973	.2962149

#1	23.38495	1459.460	56872.81	7746.229	2091.897
#2	24.16251	1450.777	56908.15	7794.561	2089.809
#3	25.28371	1452.813	56822.75	7765.375	2080.298

Sample Name: I2020-11 Acquired: 3/2/2017 15:25:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1055518	.1105546	2.746996	.1085026	.1332956	15.11924	4.807914
Stddev	.0091644	.0043906	.044033	.0110382	.0035503	.04413	.008290
%RSD	8.682342	3.971454	1.602939	10.17316	2.663448	.2918492	.1724210

#1	.1149878	.1089457	2.791208	.1210351	.1339795	15.12997	4.804046
#2	.0966857	.1155227	2.746633	.1002256	.1364542	15.07074	4.802266
#3	.1049818	.1071954	2.703145	.1042472	.1294532	15.15702	4.817431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1048489	.1043638	77.43530	.5110797	1.043950	.5696422	67.41482
Stddev	.0006865	.0014845	.34419	.0007286	.019160	.0024568	.26567
%RSD	.6547497	1.422416	.4444885	.1425672	1.835355	.4312859	.3940839

#1	.1056381	.1058973	77.61831	.5114150	1.063265	.5713290	67.42317
#2	.1043899	.1042603	77.03826	.5115802	1.043636	.5707741	67.14507
#3	.1045187	.1029338	77.64932	.5102437	1.024948	.5668235	67.67622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.234206	37.07111	1.048410	.0854194	.1408789	1.215747	1.709856
Stddev	.015804	.27948	.018366	.0004582	.1183396	.010462	.047517
%RSD	.3732359	.7539062	1.751768	.5364298	84.00090	.8605221	2.778981

#1	4.236096	37.27682	1.065804	.0848918	.0043338	1.222292	1.657311
#2	4.217543	36.75291	1.050219	.0856486	.2137152	1.203681	1.749806
#3	4.248980	37.18359	1.029207	.0857178	.2045878	1.221268	1.722452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.414247	.8743142	.0243765	-.000319	.3141738	1.268235	.0025323
Stddev	.039002	.0244310	.0003467	.000738	.0070230	.007152	.0039672
%RSD	9.415249	2.794298	1.422205	231.4790	2.235370	.5639092	156.6605

#1	-.437908	.9009093	.0242114	.000349	.3109863	1.274975	-.001683
#2	-.435603	.8691653	.0247748	-.000194	.3093098	1.260733	.003088
#3	-.369231	.8528681	.0241431	-.001112	.3222252	1.268997	.006192

Sample Name: I2020-11 Acquired: 3/2/2017 15:25:29 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3945597	.0030137	.0301463
Stddev	.0049371	.0004086	.0000826
%RSD	1.251294	13.55911	.2738249

#1	.3989284	.0030624	.0301385
#2	.3892035	.0033958	.0302325
#3	.3955472	.0025829	.0300680

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.33013	1413.632	56335.14	7680.025	2039.325
Stddev	.69646	24.318	90.71	50.094	31.951
%RSD	2.985240	1.720266	.1610127	.6522680	1.566721

#1	24.07813	1389.927	56358.46	7647.947	2008.193
#2	23.21191	1412.450	56411.91	7737.749	2037.746
#3	22.70035	1438.520	56235.05	7654.378	2072.036

Sample Name: I2020-09LX5 Acquired: 3/2/2017 15:29:30 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002862	-.000505	.5181668	-.000903	-.001038	2.195850	.0925347
Stddev	.008594	.001180	.0040123	.008495	.002959	.010778	.0001606
%RSD	300.2262	233.8511	.7743284	940.5518	285.1746	.4908198	.1735401

#1	-.012435	-.001865	.5196468	-.000646	-.001059	2.198920	.0923492
#2	-.000339	.000110	.5136248	.007460	.001932	2.204760	.0926263
#3	.004187	.000241	.5212289	-.009524	-.003986	2.183870	.0926285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007450	.0016488	16.15790	.0191435	.0070310	.0120369	13.97341
Stddev	.0000645	.0000436	.08117	.0002813	.0000288	.0006112	.13087
%RSD	8.653174	2.643046	.5023521	1.469211	.4092593	5.077913	.9365906

#1	.0007805	.0016168	16.15748	.0189318	.0070317	.0119137	14.12271
#2	.0007839	.0016312	16.07694	.0194626	.0070594	.0114966	13.87850
#3	.0006706	.0016984	16.23928	.0190360	.0070019	.0127003	13.91902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6325970	7.617379	.0091748	.0003459	.1567706	.0250487	.1715451
Stddev	.0022302	.025206	.0006681	.0004204	.1583892	.0021533	.0186055
%RSD	.3525538	.3309046	7.282151	121.5245	101.0325	8.596571	10.84581

#1	.6341434	7.633671	.0086014	.0004735	-.021874	.0226587	.1813413
#2	.6300404	7.588346	.0090144	.0006877	.212158	.0256499	.1832057
#3	.6336071	7.630120	.0099085	-.000123	.280028	.0268376	.1500884

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.262261	.2086852	.0029505	-.000322	.0639759	.3075412	-.000371
Stddev	.032126	.0068920	.0017776	.000344	.0129157	.0008963	.002410
%RSD	12.24964	3.302595	60.24616	106.6422	20.18830	.2914436	649.0793

#1	-.228235	.2139496	.0031014	.000066	.0529328	.3071116	-.001581
#2	-.292071	.2008844	.0046479	-.000587	.0608169	.3069406	.002404
#3	-.266477	.2112216	.0011023	-.000446	.0781780	.3085715	-.001936

Sample Name: I2020-09LX5 Acquired: 3/2/2017 15:29:30 Type: Unk
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MG9TS0L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0860763	-.000580	.0061937
Stddev	.0008585	.000756	.0000786
%RSD	.9973665	130.3043	1.269315

#1	.0851400	.000189	.0061032
#2	.0862624	-.001323	.0062451
#3	.0868265	-.000608	.0062329

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	22.96250	1446.612	56347.14	7492.717	2187.147
Stddev	.28318	.651	295.54	39.945	3.118
%RSD	1.233239	.0449676	.5244998	.5331216	.1425578

#1	22.97667	1446.327	56006.35	7500.225	2187.705
#2	23.23833	1447.357	56533.04	7528.375	2189.949
#3	22.67250	1446.153	56502.02	7449.550	2183.788

Sample Name: I2020-12 Acquired: 3/2/2017 15:33:40 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217482	.0013906	4.976548	.0077449	.0006329	16.05549	2.363135
Stddev	.0071846	.0020184	.005302	.0063252	.0013276	.05334	.007452
%RSD	33.03532	145.1482	.1065368	81.66946	209.7701	.3322170	.3153236

#1	.0177030	-.000924	4.976740	.0124646	.0000875	16.06975	2.360405
#2	.0300434	.002309	4.971152	.0102123	-.000335	16.10026	2.357433
#3	.0174982	.002787	4.981751	.0005579	.002146	15.99647	2.371567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034292	.0135347	185.7156	.0793217	.0535233	.1072249	81.94766
Stddev	.0000757	.0001519	.1021	.0008410	.0008036	.0017604	.03699
%RSD	2.206882	1.122120	.0549829	1.060291	1.501419	1.641798	.0451355

#1	.0034321	.0136756	185.8315	.0798356	.0527402	.1055387	81.92415
#2	.0033521	.0135548	185.6766	.0783511	.0543460	.1090512	81.92854
#3	.0035033	.0133738	185.6387	.0797785	.0534838	.1070848	81.99029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.806353	90.40207	.0567646	-.002679	.3565227	.1022255	1.210517
Stddev	.004696	.19795	.0002701	.000532	.1446261	.0022801	.035552
%RSD	.0808849	.2189659	.4759017	19.86015	40.56577	2.230438	2.936964

#1	5.800971	90.19301	.0570744	-.002065	.2828013	.1001794	1.245934
#2	5.808470	90.42657	.0565782	-.002975	.2636120	.1046834	1.174830
#3	5.809619	90.58663	.0566411	-.002997	.5231546	.1018138	1.210787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3571853	1.218563	.0333416	-.000521	1.194530	2.198279	.0020118
Stddev	.0691381	.013374	.0014842	.001018	.016534	.005363	.0050133
%RSD	19.35636	1.097508	4.451576	195.5251	1.384173	.2439515	249.1935

#1	.3439994	1.203968	.0347219	.000119	1.198401	2.196313	.0023366
#2	.4319667	1.221490	.0317716	-.001694	1.176404	2.204348	.0068549
#3	.2955897	1.230231	.0335312	.000014	1.208786	2.194178	-.003156

Sample Name: I2020-12 Acquired: 3/2/2017 15:33:40 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MG9TS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3892147	.0080184	.0718513
Stddev	.0010199	.0006375	.0001355
%RSD	.2620528	7.950451	.1885736

#1	.3881165	.0087399	.0719251
#2	.3893954	.0077841	.0716950
#3	.3901323	.0075312	.0719340

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.86270	1403.602	55071.25	7693.331	1944.777
Stddev	.44609	3.746	194.37	42.780	1.860
%RSD	1.869385	.2668632	.3529361	.5560685	.0956192

#1	23.68430	1405.097	54857.08	7689.920	1945.424
#2	24.37038	1406.370	55236.45	7652.359	1946.227
#3	23.53343	1399.340	55120.22	7737.715	1942.681

Sample Name: PB97258BS Acquired: 3/2/2017 15:38:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.0234945	.0507672	.0173387	.0722743	.1197932	.3983991
Stddev	.0061274	.0054724	.0033701	.0012511	.0016949	.0089482
%RSD	26.08025	10.77929	19.43680	1.731048	1.414885	2.246031

#1	.0212519	.0469236	.0151897	.0736579	.1178361	.3880685
#2	.0188044	.0570326	.0156037	.0719424	.1207736	.4037339
#3	.0304273	.0483455	.0212229	.0712227	.1207700	.4033950

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3309663	.0106098	.0096197	F 2.019408	.0218197	.0921884
Stddev	.0010664	.0000355	.0000813	.016637	.0002413	.0002575
%RSD	.3222102	.3341762	.8451494	.8238592	1.105735	.2793140

#1	.3320337	.0105696	.0096664	2.000212	.0215518	.0924140
#2	.3309642	.0106364	.0096669	2.029656	.0218875	.0922433
#3	.3299009	.0106235	.0095258	2.028357	.0220198	.0919078

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535143	.2000766	.0326544	F 1.884241	.0759992	.0193782
Stddev	.0020994	.0026837	.0007960	.050088	.0006896	.0004789
%RSD	3.923072	1.341321	2.437801	2.658269	.9073458	2.471425

#1	.0559077	.1996139	.0327562	1.882188	.0754253	.0188747
#2	.0526512	.1976543	.0318124	1.835211	.0767642	.0194317
#3	.0519840	.2029615	.0333947	1.935324	.0758082	.0198281

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.575712	.1160747	.1053200	9.542564	F .0281852	F .0499939
Stddev	.167930	.0012571	.0391854	.040342	.0090040	.0008059
%RSD	1.753704	1.082997	37.20607	.4227541	31.94589	1.612082

#1	9.404317	.1167006	.1505037	9.543999	.0264780	.0506561
#2	9.582872	.1168960	.0848072	9.501524	.0201570	.0502291
#3	9.739948	.1146276	.0806490	9.582169	.0379207	.0490966

Sample Name: PB97258BS Acquired: 3/2/2017 15:38:04 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.0221566	.1626411	.5331248	F .0147960	.2065370	.1013013
Stddev	.0004528	.0136255	.0031937	.0038683	.0002940	.0002530
%RSD	2.043540	8.377676	.5990566	26.14402	.1423218	.2497727

#1	.0225591	.1726078	.5327668	.0139655	.2066963	.1014477
#2	.0222443	.1471147	.5301252	.0114105	.2067169	.1014471
#3	.0216664	.1682006	.5364825	.0190121	.2061978	.1010092

Elem	Sr4077
Units	ppm
Avg	.2050823
Stddev	.0005350
%RSD	.2608839

#1	.2056918
#2	.2046902
#3	.2048650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.63391	1450.298	56095.88	7493.395	2219.370
Stddev	.48955	5.342	163.24	23.613	7.473
%RSD	2.071392	.3683165	.2909946	.3151115	.3367075

#1	24.02132	1444.740	55924.96	7467.871	2212.702
#2	23.79670	1455.393	56112.54	7514.459	2227.447
#3	23.08370	1450.760	56250.15	7497.856	2217.960

Sample Name: PB97257BS Acquired: 3/2/2017 15:42:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.0210602	.0584320	.0154443	.0773133	.1207007	.4015465
Stddev	.0140137	.0047152	.0014236	.0041684	.0023312	.0047863
%RSD	66.54141	8.069560	9.217903	5.391537	1.931396	1.191978

#1	.0371233	.0545218	.0158855	.0725001	.1215708	.4021329
#2	.0113357	.0571060	.0165951	.0797281	.1224717	.4060126
#3	.0147215	.0636683	.0138523	.0797118	.1180596	.3964940

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3373505	.0107923	.0098200	F 2.066360	.0219204	.0942350
Stddev	.0020844	.0002133	.0000942	.009401	.0001590	.0004219
%RSD	.6178704	1.976503	.9596807	.4549612	.7255615	.4477182

#1	.3372172	.0107067	.0097534	2.072652	.0218591	.0938724
#2	.3353359	.0110351	.0099278	2.070876	.0218011	.0941346
#3	.3394983	.0106351	.0097787	2.055553	.0221010	.0946981

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539523	.2121539	.0323177	F 1.925039	.0773202	.0195991
Stddev	.0007307	.0199106	.0001708	.021196	.0003071	.0000434
%RSD	1.354265	9.384993	.5285834	1.101050	.3972083	.2216043

#1	.0533544	.1972014	.0321836	1.907170	.0769661	.0196348
#2	.0547668	.2347546	.0322595	1.919490	.0775139	.0195507
#3	.0537358	.2045056	.0325101	1.948458	.0774806	.0196116

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.894310	.1135241	.1017192	9.606285	F .0268244	F .0535847
Stddev	.174418	.0032380	.0219340	.031884	.0033627	.0025936
%RSD	1.762806	2.852277	21.56324	.3319125	12.53577	4.840146

#1	9.963270	.1135583	.1070675	9.592832	.0306957	.0543616
#2	9.695956	.1102692	.1204844	9.583331	.0246287	.0506914
#3	10.02371	.1167450	.0776057	9.642691	.0251489	.0557010

Sample Name: PB97257BS Acquired: 3/2/2017 15:42:12 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) 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	.0226452	.1660254	.5447049	F .0136373	.2079177	.1028642
Stddev	.0001264	.0093586	.0034658	.0025031	.0009476	.0004719
%RSD	.5582748	5.636852	.6362774	18.35484	.4557812	.4587267

#1	.0227871	.1711922	.5482875	.0109079	.2077469	.1029531
#2	.0226042	.1716617	.5413691	.0141783	.2089391	.1023543
#3	.0225444	.1552224	.5444580	.0158256	.2070671	.1032854

Elem	Sr4077
Units	ppm
Avg	.2092283
Stddev	.0002931
%RSD	.1400894

#1	.2095663
#2	.2090444
#3	.2090741

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	22.54627	1426.691	55267.64	7379.741	2183.896
Stddev	.25543	4.720	101.99	12.658	5.751
%RSD	1.132895	.3308160	.1845300	.1715205	.2633218

#1	22.25222	1427.453	55201.77	7374.875	2180.693
#2	22.71307	1430.983	55216.03	7370.238	2190.535
#3	22.67353	1421.637	55385.11	7394.110	2180.460

Sample Name: CCV025 Acquired: 3/2/2017 15:50:21 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.249952	4.878157	23.82521	5.071906	4.920983	401.6532	9.691925
Stddev	.041709	.005965	.05490	.036282	.029995	1.4718	.085402
%RSD	.7944593	.1222850	.2304177	.7153544	.6095337	.3664466	.8811674

#1	5.228540	4.873715	23.76998	5.051650	4.898795	403.2794	9.630932
#2	5.223298	4.875818	23.82588	5.050275	4.909044	400.4124	9.789529
#3	5.298018	4.884937	23.87976	5.113794	4.955109	401.2678	9.655313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5066361	2.382792	384.9530	15.08175	2.372923	14.95343	379.6179
Stddev	.0022008	.003944	1.1172	.05932	.007035	.05406	.5050
%RSD	.4343940	.1655109	.2902053	.3933187	.2964830	.3615035	.1330248

#1	.5073730	2.380806	384.8018	15.07691	2.365348	15.01488	379.1475
#2	.5083739	2.380236	386.1380	15.14334	2.374168	14.93216	380.1515
#3	.5041614	2.387334	383.9191	15.02500	2.379252	14.91324	379.5547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.07109	376.5708	2.365190	1.201690	385.5756	2.465941	13.54881
Stddev	.04273	.1897	.004446	.002515	.6110	.008185	.06169
%RSD	.3036566	.0503831	.1879940	.2092767	.1584680	.3319134	.4552844

#1	14.10162	376.7435	2.360180	1.198888	386.1968	2.475076	13.47804
#2	14.08940	376.6012	2.366722	1.202429	385.5547	2.459274	13.57723
#3	14.02226	376.3677	2.368668	1.203752	384.9753	2.463473	13.59117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.4997	5.107021	4.720078	4.951604	5.072079	4.944994	4.971733
Stddev	.3137	.033223	.008804	.026070	.026188	.013949	.012063
%RSD	.2112464	.6505455	.1865261	.5264875	.5163209	.2820789	.2426398

#1	148.8600	5.089615	4.717518	4.935869	5.072473	4.958285	4.957839
#2	148.3511	5.086117	4.712838	4.937248	5.045696	4.946228	4.977818
#3	148.2878	5.145331	4.729879	4.981696	5.098068	4.930469	4.979543

Sample Name: CCV025 Acquired: 3/2/2017 15:50:21 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.876081	5.020155	4.977000
Stddev	.019041	.026069	.016744
%RSD	.3905053	.5192784	.3364369

#1	4.897019	5.047109	4.996326
#2	4.871423	4.995073	4.966826
#3	4.859801	5.018281	4.967849

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	20.04604	1220.637	48314.72	7057.836	1590.377
Stddev	.10975	5.936	111.13	14.103	3.465
%RSD	.5475038	.4862747	.2300197	.1998188	.2178613

#1	20.17276	1224.042	48209.71	7042.233	1593.422
#2	19.98201	1224.086	48303.35	7061.600	1591.102
#3	19.98333	1213.783	48431.10	7069.675	1586.607

Sample Name: CCB025 Acquired: 3/2/2017 15:54:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006451	.0013501	.0006800	.0008144	.0014196	.0015281	-.002707
Stddev	.009649	.0103889	.0010091	.0084069	.0017224	.0053217	.000094
%RSD	149.5702	769.4832	148.3912	1032.232	121.3335	348.2595	3.483376

#1	-.016415	-.001376	-.000424	.0005776	-.000520	.0000079	-.002814
#2	-.005790	.012830	.001554	.0093372	.002007	-.002868	-.002636
#3	.002850	-.007404	.000910	-.007472	.002772	.007444	-.002671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002575	.0000217	-.011745	.0003990	.0004269	.0010803	.0089039
Stddev	.0000370	.0000383	.003957	.0001137	.0002291	.0018942	.0055823
%RSD	14.35398	176.7708	33.69205	28.49788	53.67933	175.3388	62.69532

#1	.0002948	.0000361	-.007370	.0004896	.0004920	-.000660	.0034658
#2	.0002567	.0000507	-.015075	.0002714	.0006164	.000804	.0146200
#3	.0002209	-.000022	-.012789	.0004359	.0001722	.003098	.0086258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015766	.0080959	.0009596	.0004565	.0169301	.0060337	-.001115
Stddev	.0001976	.0243355	.0004859	.0002389	.1171353	.0007673	.025013
%RSD	12.53243	300.5913	50.63461	52.33574	691.8775	12.71593	2244.074

#1	.0014382	-.016065	.0015206	.0002065	.0199804	.0062057	-.027714
#2	.0018029	.007751	.0006758	.0006825	-.101701	.0051951	.002437
#3	.0014886	.032602	.0006824	.0004807	.132510	.0067004	.021933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.204687	.0036337	.0051894	-.000289	.0026163	-.002632	.0027073
Stddev	.036025	.0025493	.0009222	.000456	.0009804	.001643	.0026585
%RSD	17.60024	70.15725	17.77020	157.4068	37.47215	62.42849	98.19625

#1	-.240601	.0065351	.0061955	.000061	.0016145	-.002695	-.000032
#2	-.204910	.0026140	.0043842	-.000125	.0035738	-.004242	.002877
#3	-.168551	.0017521	.0049886	-.000805	.0026608	-.000958	.005277

Sample Name: CCB025 Acquired: 3/2/2017 15:54:25 Type: Unk
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v801) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004689	.0002508	.0000056
Stddev	.0008979	.0006256	.0000411
%RSD	191.4737	249.4469	738.4657

#1	.0015001	-.000472	-.000023
#2	.0000468	.000619	-.000012
#3	-.000140	.000605	.000053

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	23.72194	1488.733	57699.24	7585.167	2324.391
Stddev	.30839	4.045	225.61	11.936	5.696
%RSD	1.300020	.2717245	.3910059	.1573602	.2450691

#1	23.51750	1484.790	57477.28	7574.575	2319.745
#2	24.07667	1488.537	57692.09	7598.100	2330.747
#3	23.57167	1492.873	57928.33	7582.825	2322.682