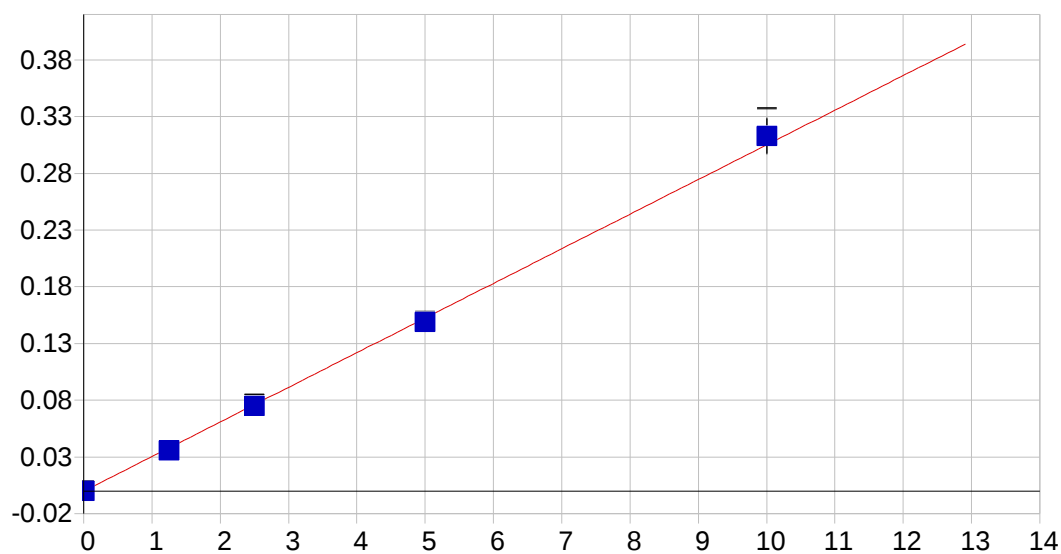




As 189.042 {479}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000251

Re-Slope: 1.000000

A1 (Gain): 0.030533

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999595

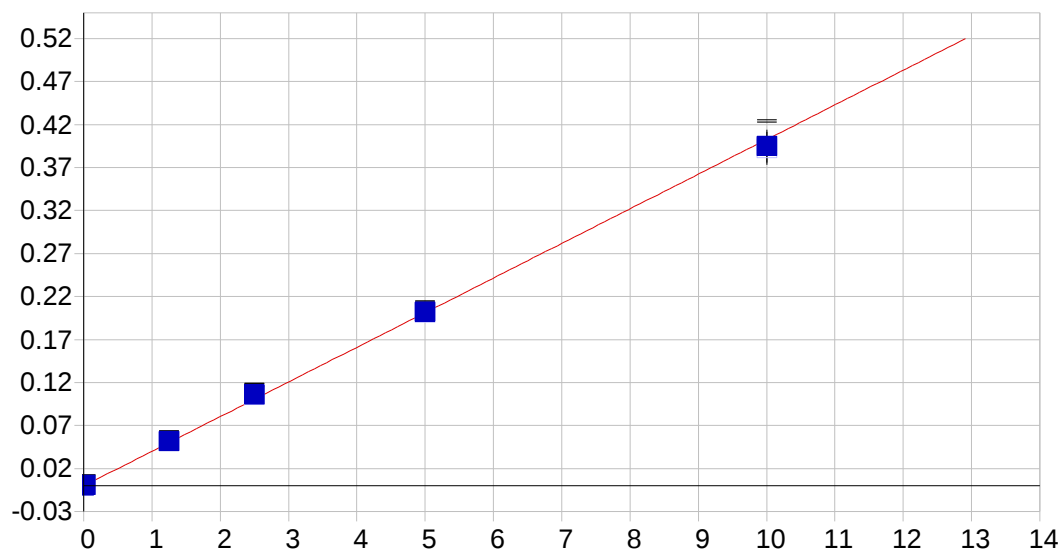
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.003920

Predicted MQL: 0.013068

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01000	.00772	-.002	-22.8	-.00002	.000	1
S2	1.2500	1.1695	-.081	-6.44	.03555	.000	1
S3	2.5000	2.4497	-.050	-2.01	.07472	.002	1
S4	5.0000	4.8877	-.112	-2.25	.14934	.000	1
S5	10.000	10.245	.245	2.45	.31329	.016	1



TI 190.856 {477}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000228

Re-Slope: 1.000000

A1 (Gain): 0.040290

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999663

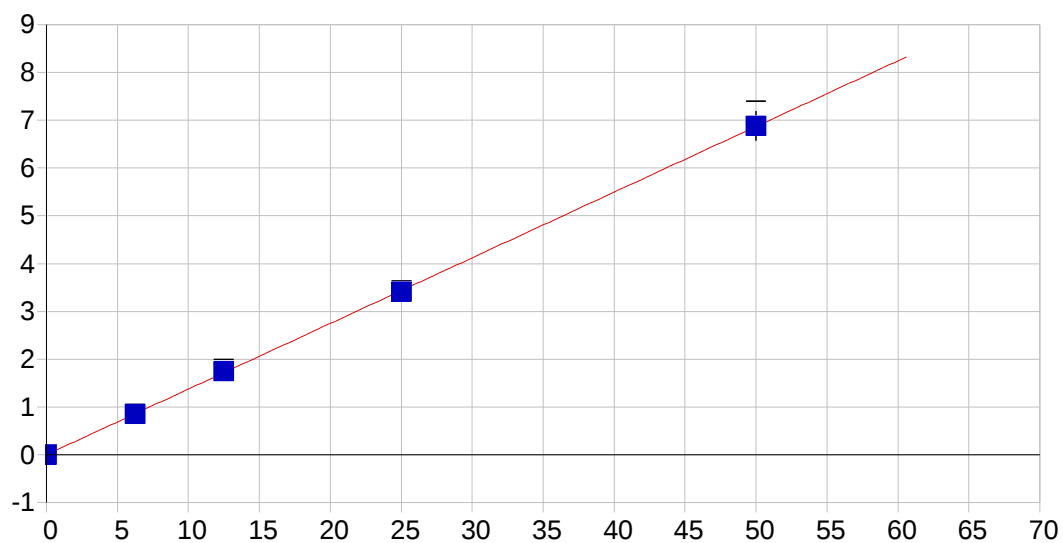
Status: OK.

Std Error of Est: 0.000028

Predicted MDL: 0.002426

Predicted MQL: 0.008088

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.02500	.02767	.003	10.7	.00087	.000	1
S2	1.2500	1.2953	.045	3.62	.05166	.001	1
S3	2.5000	2.6279	.128	5.11	.10504	.002	1
S4	5.0000	5.0230	.023	.460	.20093	.001	1
S5	10.000	9.8012	-.199	-1.99	.39223	.019	1



Pb 220.353 {453}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000316

Re-Slope: 1.000000

A1 (Gain): 0.137388

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999963

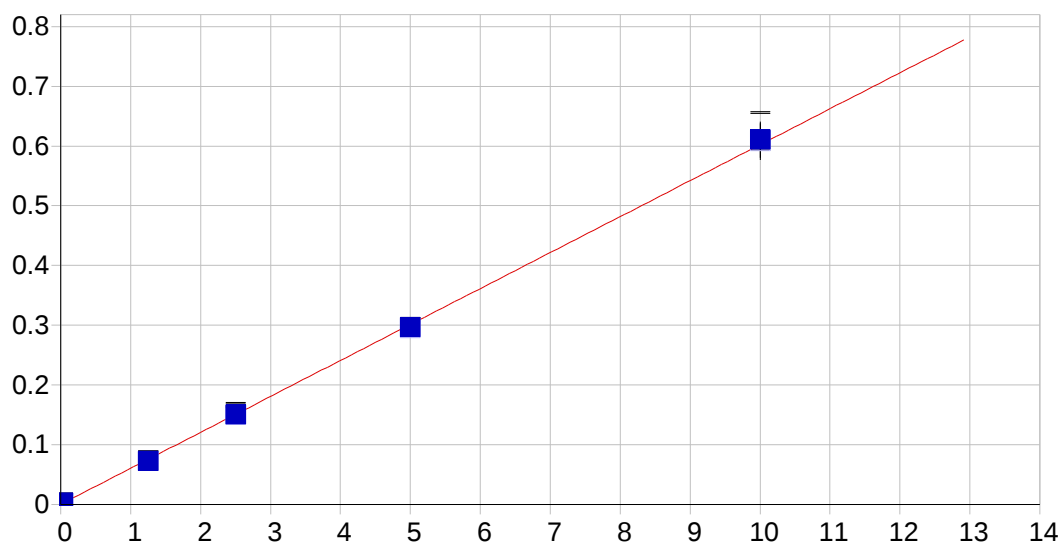
Status: OK.

Std Error of Est: 0.000045

Predicted MDL: 0.001724

Predicted MQL: 0.005748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.01000	.01161	.002	16.1	.00129	.000	1
S2	6.2500	6.1510	-.099	-1.58	.84610	.007	1
S3	12.500	12.720	.220	1.76	1.7500	.041	1
S4	25.000	24.822	-.178	-.713	3.4153	.020	1
S5	50.000	50.056	.056	.111	6.8875	.314	1

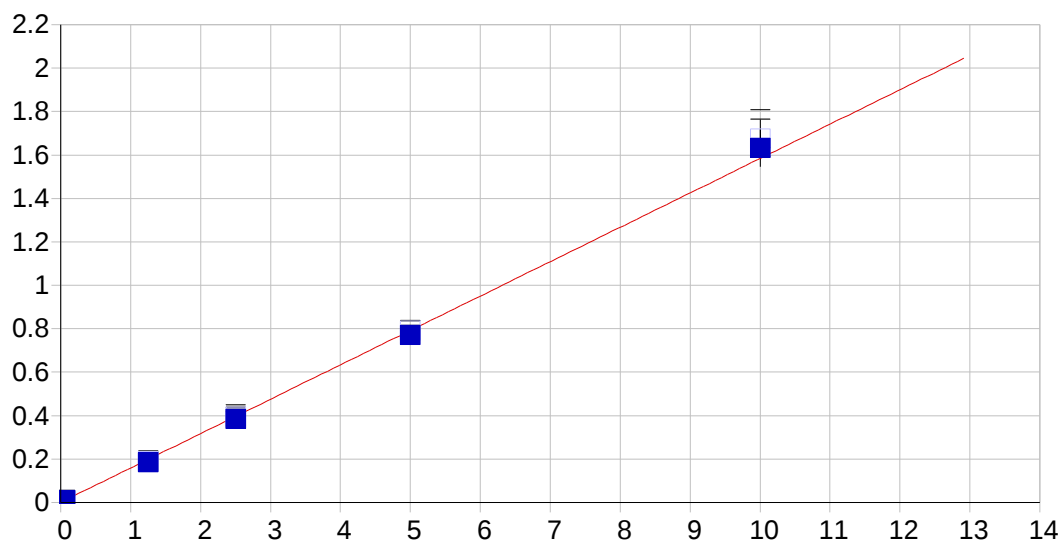


Se 196.090 {472}

Date of Fit: 6/1/2018 12:55:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000351 Re-Slope: 1.000000
 A1 (Gain): 0.060191 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999861 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.003087
 Predicted MQL: 0.010288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.03500	.03714	.002	6.11	.00258	.000	1
S2	1.2500	1.2025	-.047	-3.80	.07238	.001	1
S3	2.5000	2.4926	-.007	-.294	.14968	.004	1
S4	5.0000	4.9170	-.083	-1.66	.29490	.001	1
S5	10.000	10.136	.136	1.36	.60760	.031	1



Sb 206.833 {463}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000547

Re-Slope: 1.000000

A1 (Gain): 0.158326

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999443

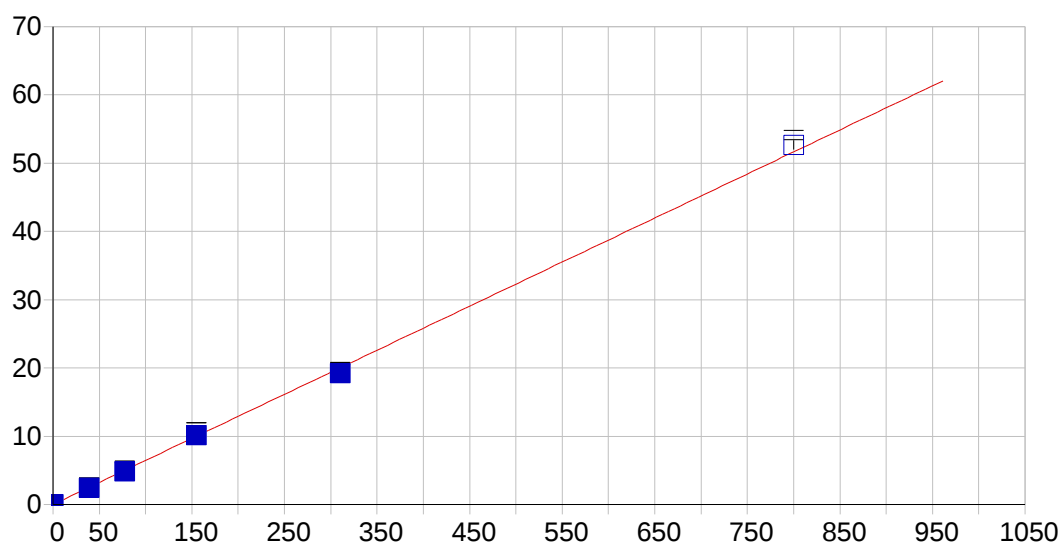
Status: OK.

Std Error of Est: 0.000223

Predicted MDL: 0.001523

Predicted MQL: 0.005078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00055	.000	1
S1	.06000	.06055	.001	.921	.01013	.000	1
S2	1.2500	1.1639	-.086	-6.89	.19020	.001	1
S3	2.5000	2.4189	-.081	-3.24	.39430	.009	1
S4	5.0000	4.8582	-.142	-2.84	.79128	.001	1
S5	10.000	10.309	.309	3.09	1.6758	.087	1



AI 396.152 { 85}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000731

Re-Slope: 1.000000

A1 (Gain): 0.064565

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999635

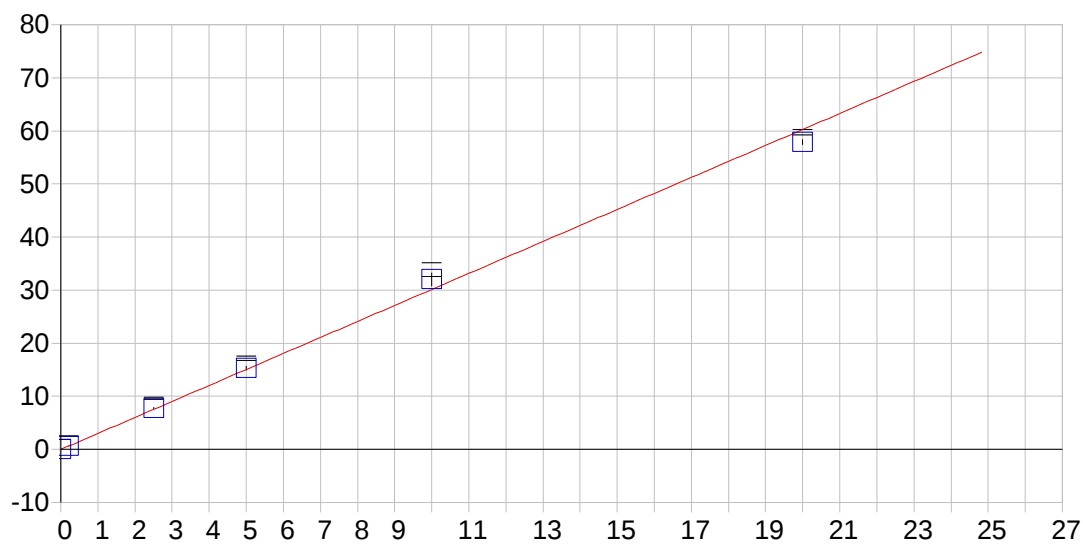
Status: OK.

Std Error of Est: 0.001086

Predicted MDL: 0.009424

Predicted MQL: 0.031415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00073	.000	1
S1	.20000	.19879	-.001	-.604	.01358	.001	1
S2	38.750	37.365	-1.38	-3.57	2.4155	.073	1
S3	77.500	74.080	-3.42	-4.41	4.7884	.138	1
S4	155.00	156.44	1.44	.931	10.111	.424	1
S5	310.00	297.69	-12.3	-3.97	19.240	.149	1
S6	800.00	815.69	15.7	1.96	52.666	.662	1



Ba 493.409 { 68}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.013726

Re-Slope: 1.000000

A1 (Gain): 3.014116

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999017

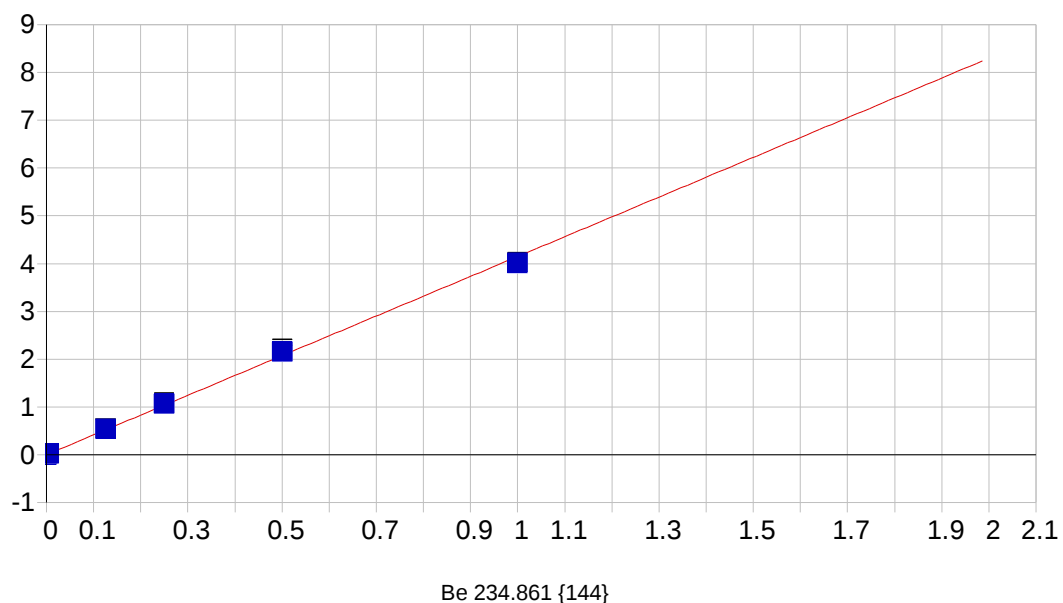
Status: OK.

Std Error of Est: 0.014218

Predicted MDL: 0.000612

Predicted MQL: 0.002039

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.01379	.001	1
S1	.20000	.20828	.008	4.14	.61406	.003	1
S2	2.5000	2.5730	.073	2.92	7.7417	.222	1
S3	5.0000	5.0847	.085	1.69	15.312	.433	1
S4	10.000	10.625	.625	6.25	32.011	1.32	1
S5	20.000	19.209	-.791	-3.95	57.885	.563	1



Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001408

Re-Slope: 1.000000

A1 (Gain): 4.149335

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999390

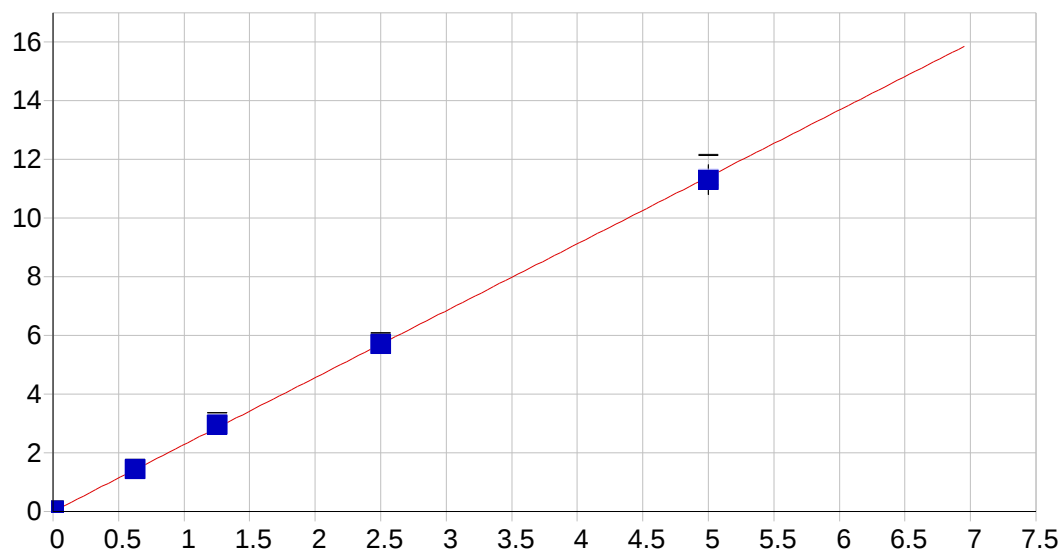
Status: OK.

Std Error of Est: 0.000542

Predicted MDL: 0.000070

Predicted MQL: 0.000234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00141	.000	1
S1	.00500	.00518	.000	3.62	.02007	.000	1
S2	.12500	.13086	.006	4.69	.53931	.012	1
S3	.25000	.25729	.007	2.91	1.0616	.020	1
S4	.50000	.51911	.019	3.82	2.1435	.059	1
S5	1.0000	.96756	-.032	-3.24	3.9952	.020	1



Cd 214.438 {457}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000667

Re-Slope: 1.000000

A1 (Gain): 2.281066

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999888

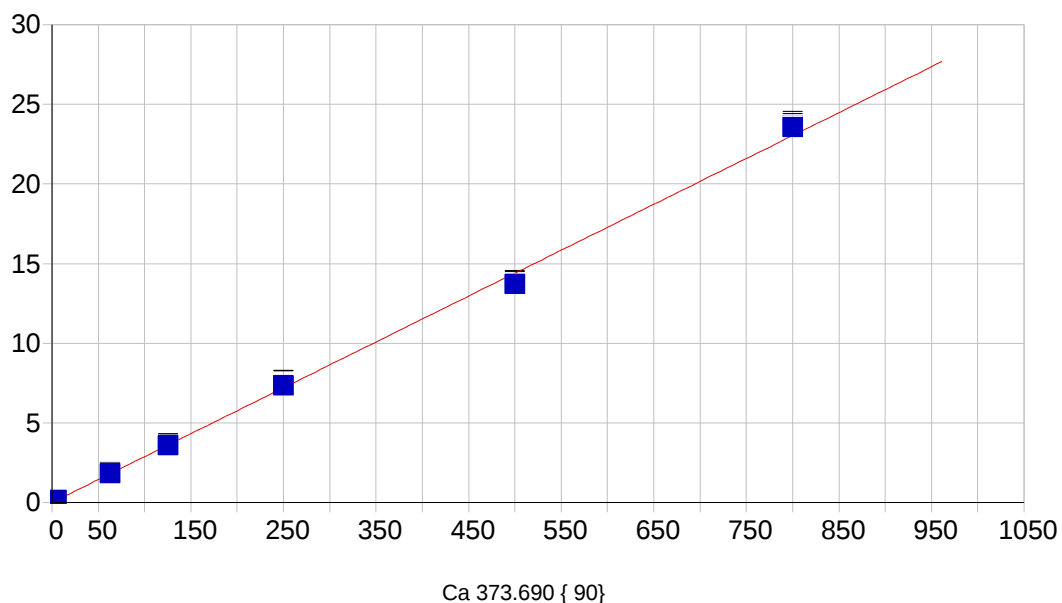
Status: OK.

Std Error of Est: 0.000287

Predicted MDL: 0.000082

Predicted MQL: 0.000272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.00500	.00521	.000	4.25	.01256	.000	1
S2	.62500	.62754	.003	.407	1.4351	.012	1
S3	1.2500	1.2957	.046	3.65	2.9620	.064	1
S4	2.5000	2.4978	-.002	-.089	5.7100	.043	1
S5	5.0000	4.9538	-.046	-.924	11.324	.506	1



Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001156

Re-Slope: 1.000000

A1 (Gain): 0.028797

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999516

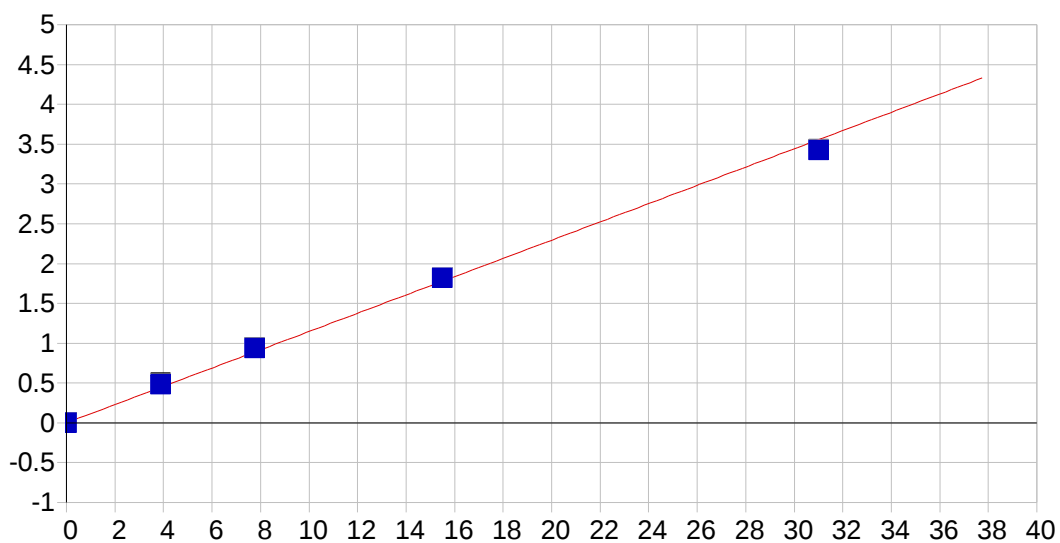
Status: OK.

Std Error of Est: 0.003144

Predicted MDL: 0.014897

Predicted MQL: 0.049657

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00035	.000	.000	.00115	.000	1
S1	5.0000	5.2841	.284	5.68	.15334	.002	1
S2	62.500	63.876	1.38	2.20	1.8470	.064	1
S3	125.00	124.82	-.179	-.143	3.6085	.092	1
S4	250.00	254.74	4.74	1.90	7.3627	.311	1
S5	500.00	475.84	-24.2	-4.83	13.755	.187	1
S6	800.00	817.89	17.9	2.24	23.691	.240	1



Cr 267.716 {126}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000009

Re-Slope: 1.000000

A1 (Gain): 0.114712

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999090

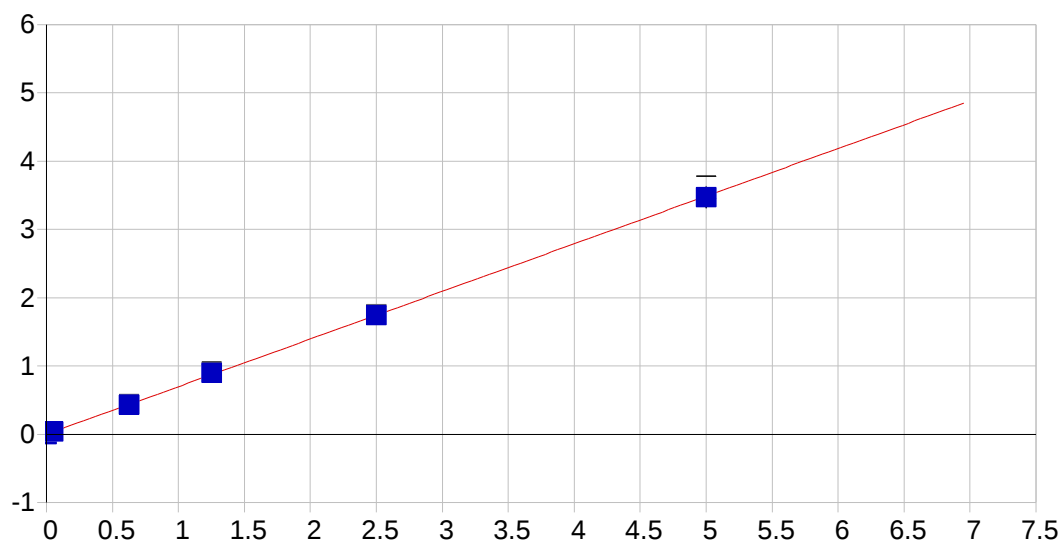
Status: OK.

Std Error of Est: 0.000145

Predicted MDL: 0.000467

Predicted MQL: 0.001558

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.01128	.001	12.8	.00131	.000	1
S2	3.8750	4.2185	.344	8.87	.48471	.018	1
S3	7.7500	8.1849	.435	5.61	.94048	.003	1
S4	15.500	15.869	.369	2.38	1.8235	.003	1
S5	31.000	29.851	-1.15	-3.71	3.4306	.007	1



Co 228.616 {448}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000486

Re-Slope: 1.000000

A1 (Gain): 0.697619

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999947

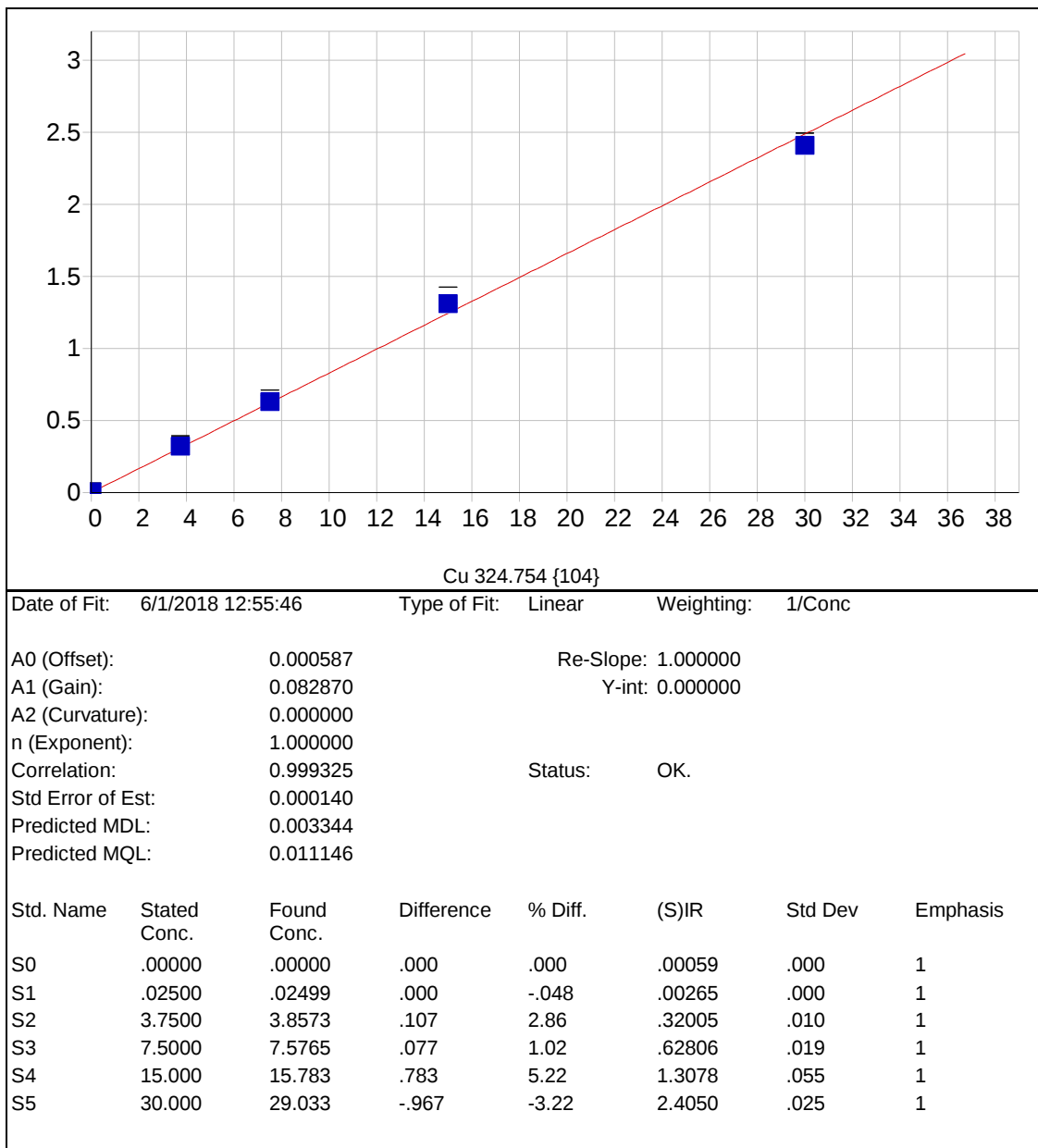
Status: OK.

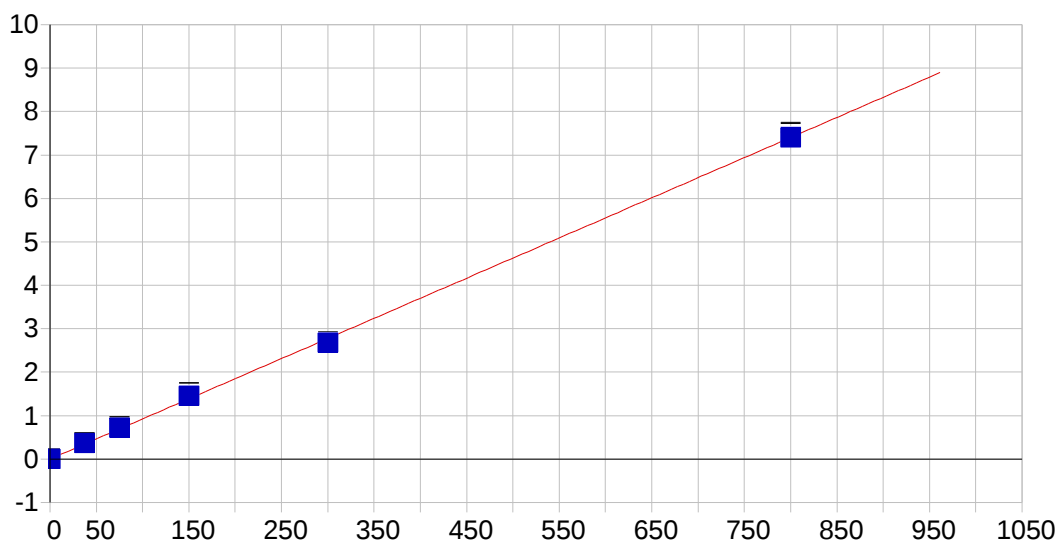
Std Error of Est: 0.000191

Predicted MDL: 0.000259

Predicted MQL: 0.000862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00049	.000	1
S1	.05000	.05056	.001	1.12	.03491	.001	1
S2	.62500	.61816	-.007	-1.09	.43162	.004	1
S3	1.2500	1.2819	.032	2.55	.89554	.021	1
S4	2.5000	2.4973	-.003	-.108	1.7451	.009	1
S5	5.0000	4.9770	-.023	-.459	3.4785	.162	1





Fe 259.837 {130}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000041

Re-Slope: 1.000000

A1 (Gain): 0.009253

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999679

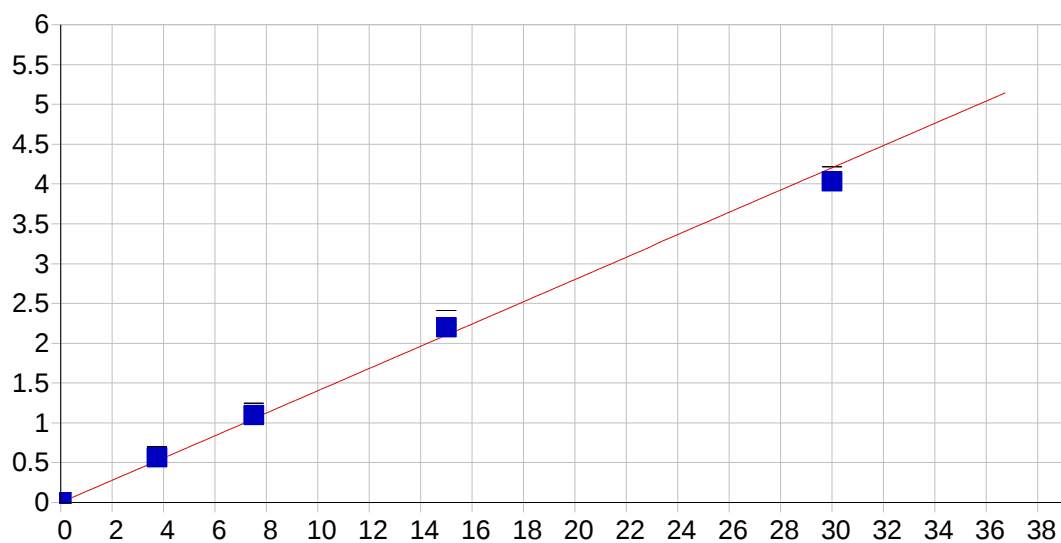
Status: OK.

Std Error of Est: 0.000103

Predicted MDL: 0.015572

Predicted MQL: 0.051908

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00004	.000	1
S1	.10000	.10167	.002	1.67	.00100	.000	1
S2	37.500	39.498	2.00	5.33	.36738	.013	1
S3	75.000	77.806	2.81	3.74	.72370	.023	1
S4	150.00	156.73	6.73	4.49	1.4577	.072	1
S5	300.00	289.46	-10.5	-3.51	2.6933	.010	1
S6	800.00	799.00	-1.000	-.125	7.4269	.104	1



Mn 257.610 {131}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000041

Re-Slope: 1.000000

A1 (Gain): 0.140082

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999006

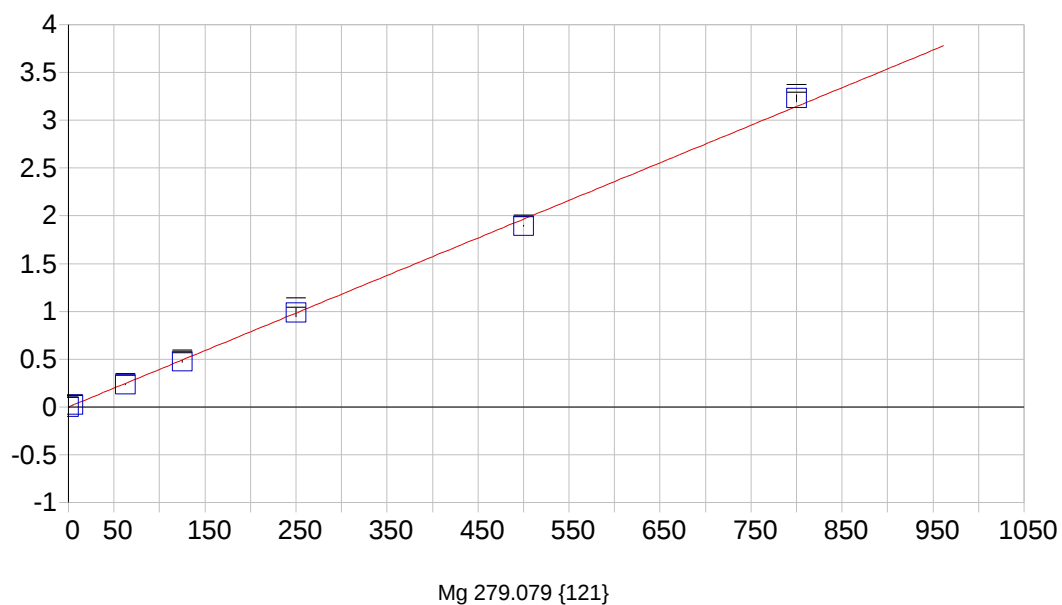
Status: OK.

Std Error of Est: 0.000222

Predicted MDL: 0.000933

Predicted MQL: 0.003110

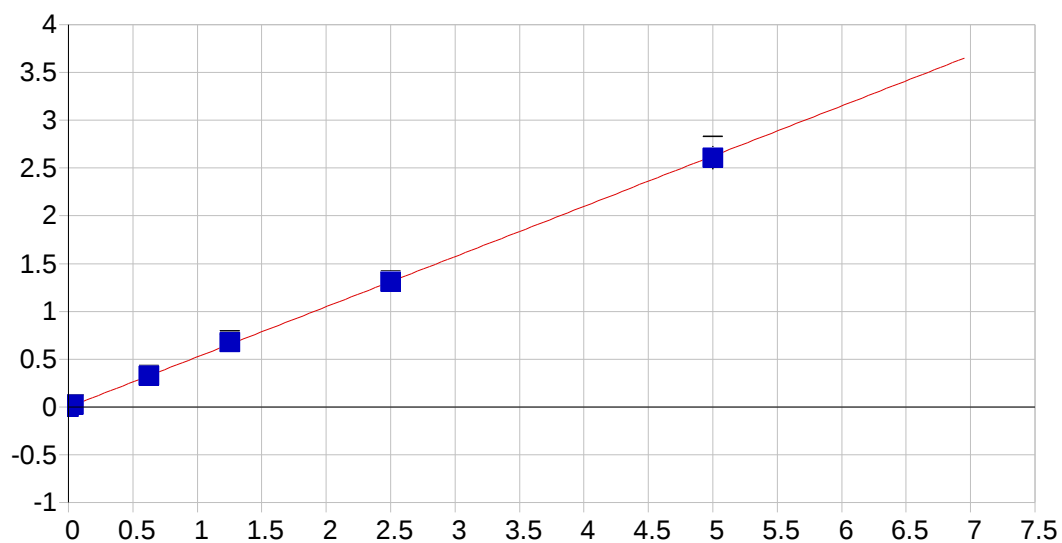
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01500	.01609	.001	7.30	.00230	.000	1
S2	3.7500	4.0090	.259	6.91	.56175	.020	1
S3	7.5000	7.8041	.304	4.05	1.0935	.031	1
S4	15.000	15.676	.676	4.51	2.1965	.089	1
S5	30.000	28.760	-1.24	-4.13	4.0297	.060	1



Date of Fit: 6/1/2018 12:55:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.003930 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999600 Status: OK.
 Std Error of Est: 0.000388
 Predicted MDL: 0.043854
 Predicted MQL: 0.146181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00040	.000	.000	-.00020	.000	1
S1	5.0000	4.9214	-.079	-1.57	.01915	.000	1
S2	62.500	60.340	-2.16	-3.46	.23697	.008	1
S3	125.00	121.51	-3.49	-2.79	.47738	.013	1
S4	250.00	251.50	1.50	.600	.98831	.050	1
S5	500.00	482.43	-17.6	-3.51	1.8960	.008	1
S6	800.00	821.80	21.8	2.73	3.2298	.042	1



Ni 231.604 {446}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001406

Re-Slope: 1.000000

A1 (Gain): 0.525159

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

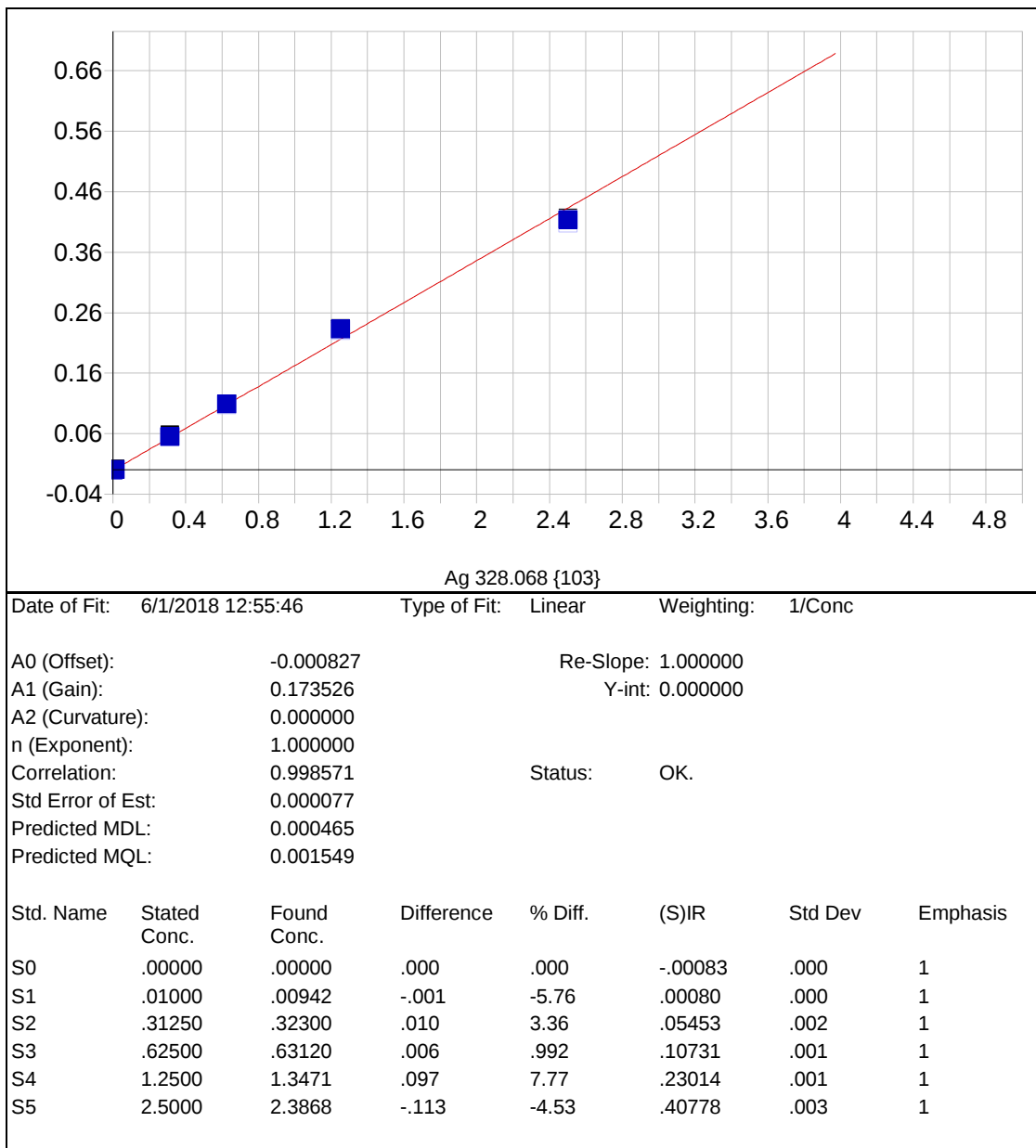
Status: OK.

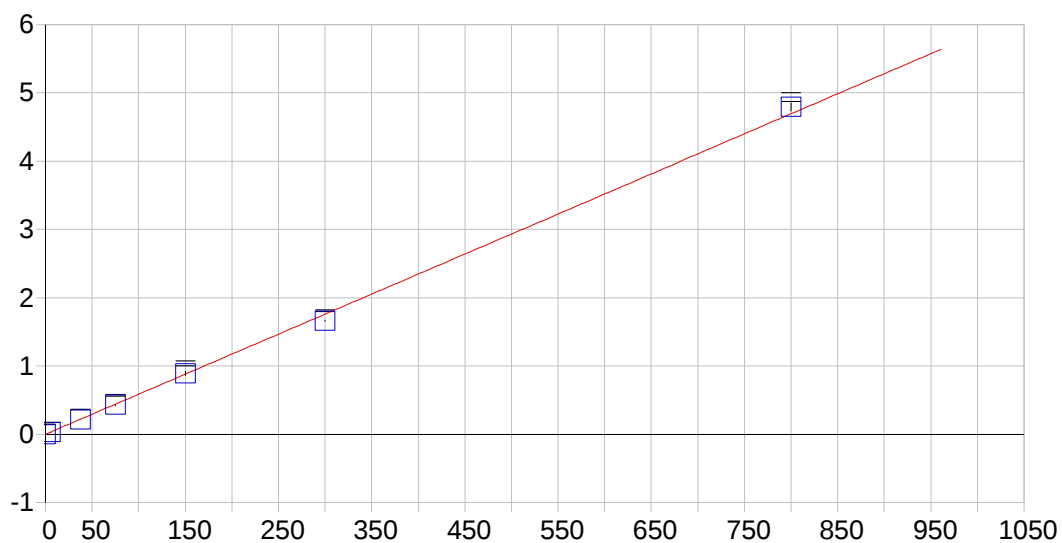
Std Error of Est: 0.000154

Predicted MDL: 0.000401

Predicted MQL: 0.001337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00141	.000	1
S1	.04000	.04192	.002	4.81	.02062	.000	1
S2	.62500	.62521	.000	.034	.32760	.003	1
S3	1.2500	1.2870	.037	2.96	.67582	.017	1
S4	2.5000	2.4957	-.004	-.171	1.3119	.007	1
S5	5.0000	4.9652	-.035	-.697	2.6115	.122	1





Na 818.326 { 41}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000389

Re-Slope: 1.000000

A1 (Gain): 0.005867

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999502

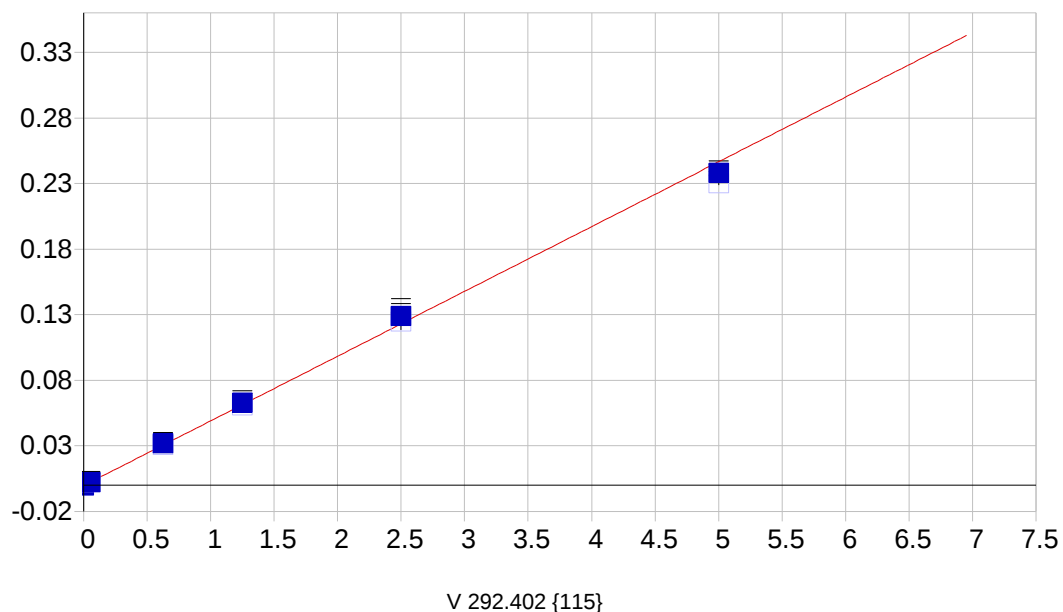
Status: OK.

Std Error of Est: 0.000573

Predicted MDL: 0.216699

Predicted MQL: 0.722329

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00016	.000	.000	.00039	.001	1
S1	5.0000	5.1488	.149	2.98	.03060	.001	1
S2	37.500	37.011	-.489	-1.30	.21753	.007	1
S3	75.000	72.909	-2.09	-2.79	.42815	.011	1
S4	150.00	151.75	1.75	1.17	.89070	.037	1
S5	300.00	283.52	-16.5	-5.49	1.6638	.012	1
S6	800.00	817.17	17.2	2.15	4.7947	.061	1



Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000345

Re-Slope: 1.000000

A1 (Gain): 0.049399

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999283

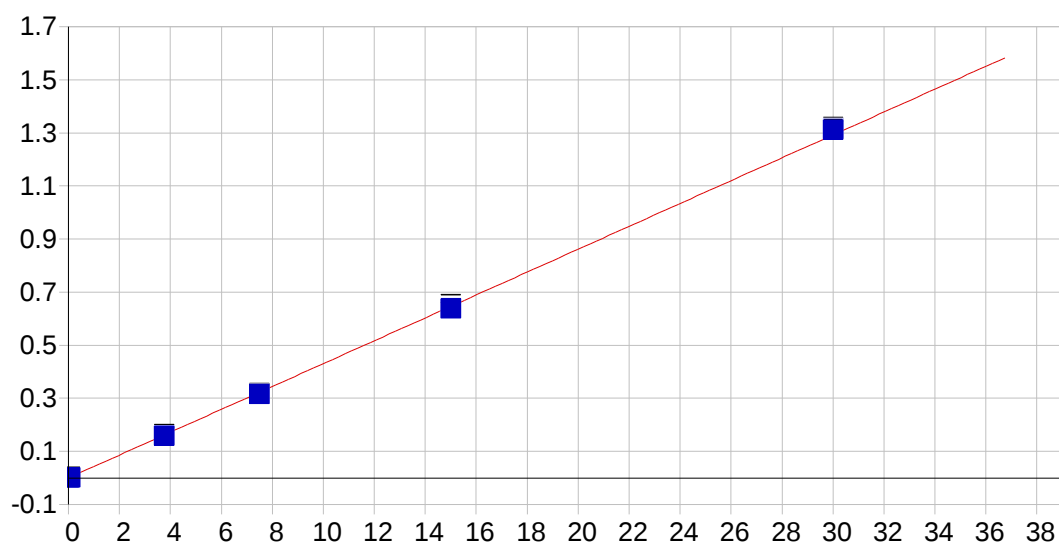
Status: OK.

Std Error of Est: 0.000048

Predicted MDL: 0.004318

Predicted MQL: 0.014393

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00035	.000	1
S1	.05000	.05409	.004	8.19	.00232	.000	1
S2	.62500	.64942	.024	3.91	.03072	.001	1
S3	1.2500	1.2756	.026	2.05	.06063	.002	1
S4	2.5000	2.6138	.114	4.55	.12470	.006	1
S5	5.0000	4.8319	-.168	-3.36	.23020	.001	1



Zn 213.856 {158}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000096

Re-Slope: 1.000000

A1 (Gain): 0.043079

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999869

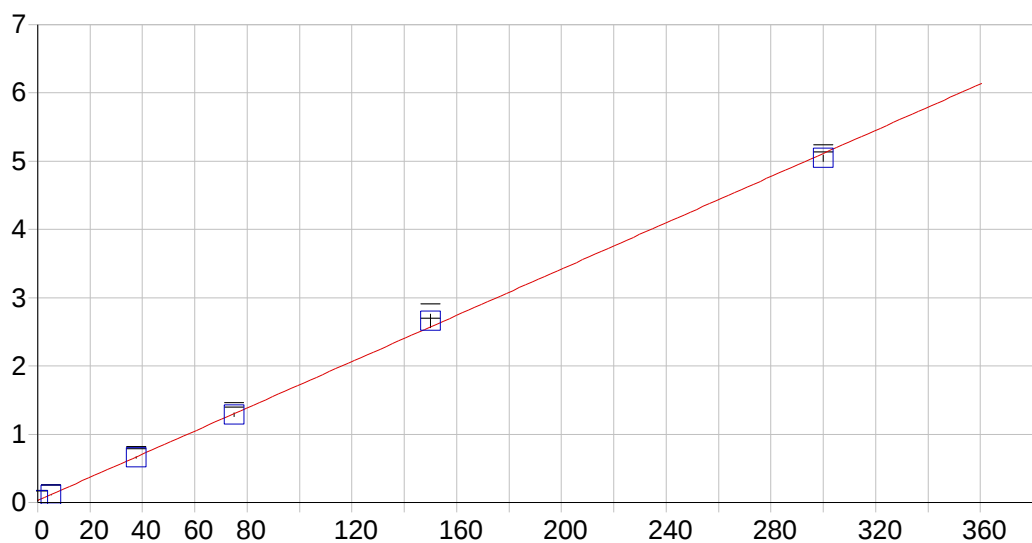
Status: OK.

Std Error of Est: 0.000050

Predicted MDL: 0.007919

Predicted MQL: 0.026397

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00010	.000	1
S1	.06000	.05290	-.007	-11.8	.00219	.000	1
S2	3.7500	3.6973	-.053	-1.40	.15994	.005	1
S3	7.5000	7.3251	-.175	-2.33	.31698	.002	1
S4	15.000	14.796	-.204	-1.36	.64032	.014	1
S5	30.000	30.439	.439	1.46	1.3172	.004	1



K 769.896 { 44}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.030569

Re-Slope: 1.000000

A1 (Gain): 0.016944

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999779

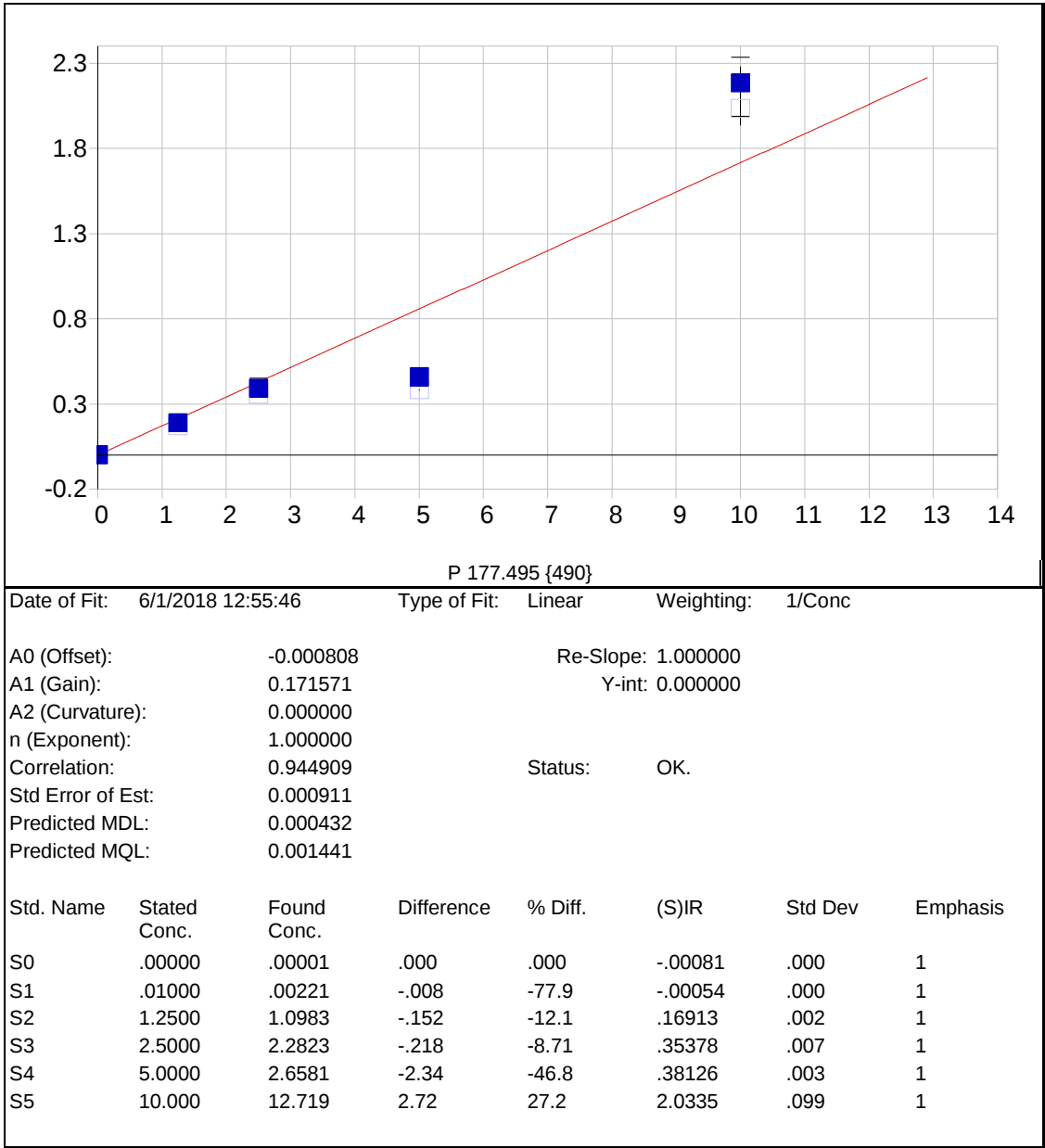
Status: OK.

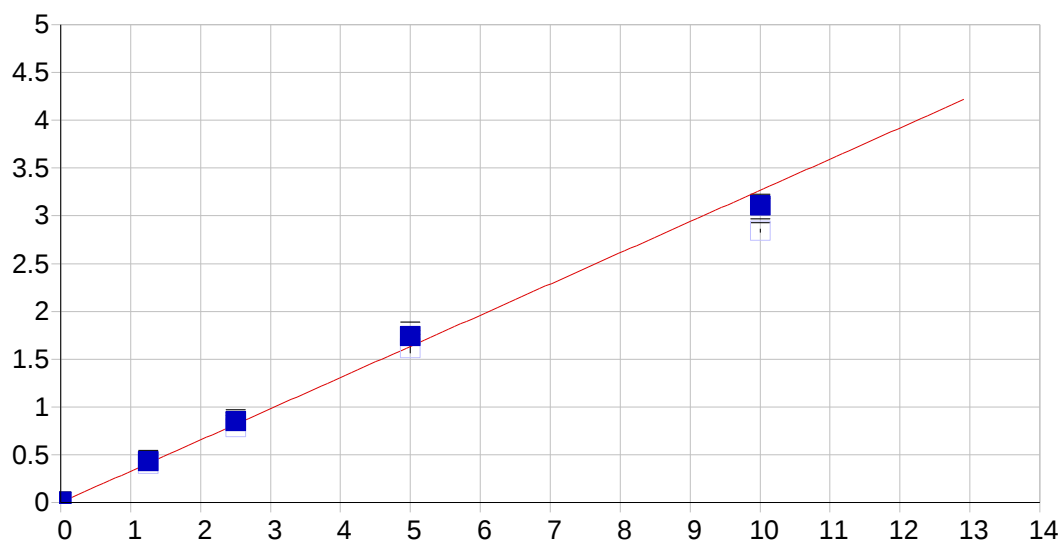
Std Error of Est: 0.000735

Predicted MDL: 0.058703

Predicted MQL: 0.195676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.03057	.003	1
S1	5.0000	4.9511	-.049	-.978	.11446	.000	1
S2	37.500	37.215	-.285	-.761	.66113	.017	1
S3	75.000	74.113	-.887	-1.18	1.2863	.035	1
S4	150.00	155.25	5.25	3.50	2.6611	.105	1
S5	300.00	295.97	-4.03	-1.34	5.0455	.051	1





B 249.678 {135}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001118

Re-Slope: 1.000000

A1 (Gain): 0.326512

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998288

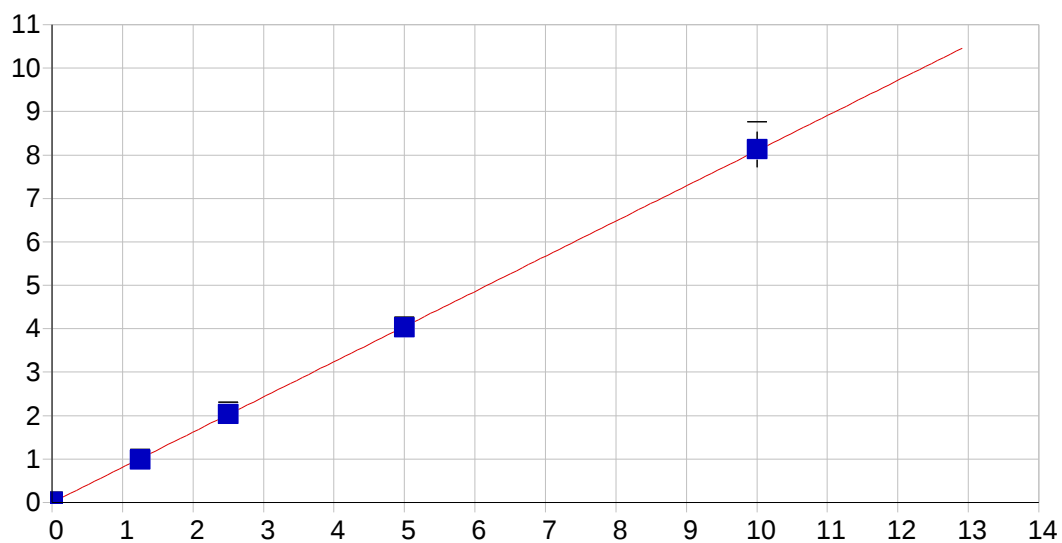
Status: OK.

Std Error of Est: 0.000295

Predicted MDL: 0.001005

Predicted MQL: 0.003349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00112	.000	1
S1	.01000	.01025	.000	2.49	.00440	.000	1
S2	1.2500	1.3223	.072	5.78	.40054	.008	1
S3	2.5000	2.6032	.103	4.13	.78643	.015	1
S4	5.0000	5.3248	.325	6.50	1.6104	.048	1
S5	10.000	9.4995	-.501	-5.01	2.8442	.021	1



Mo 202.030 {467}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000297

Re-Slope: 1.000000

A1 (Gain): 0.809833

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999974

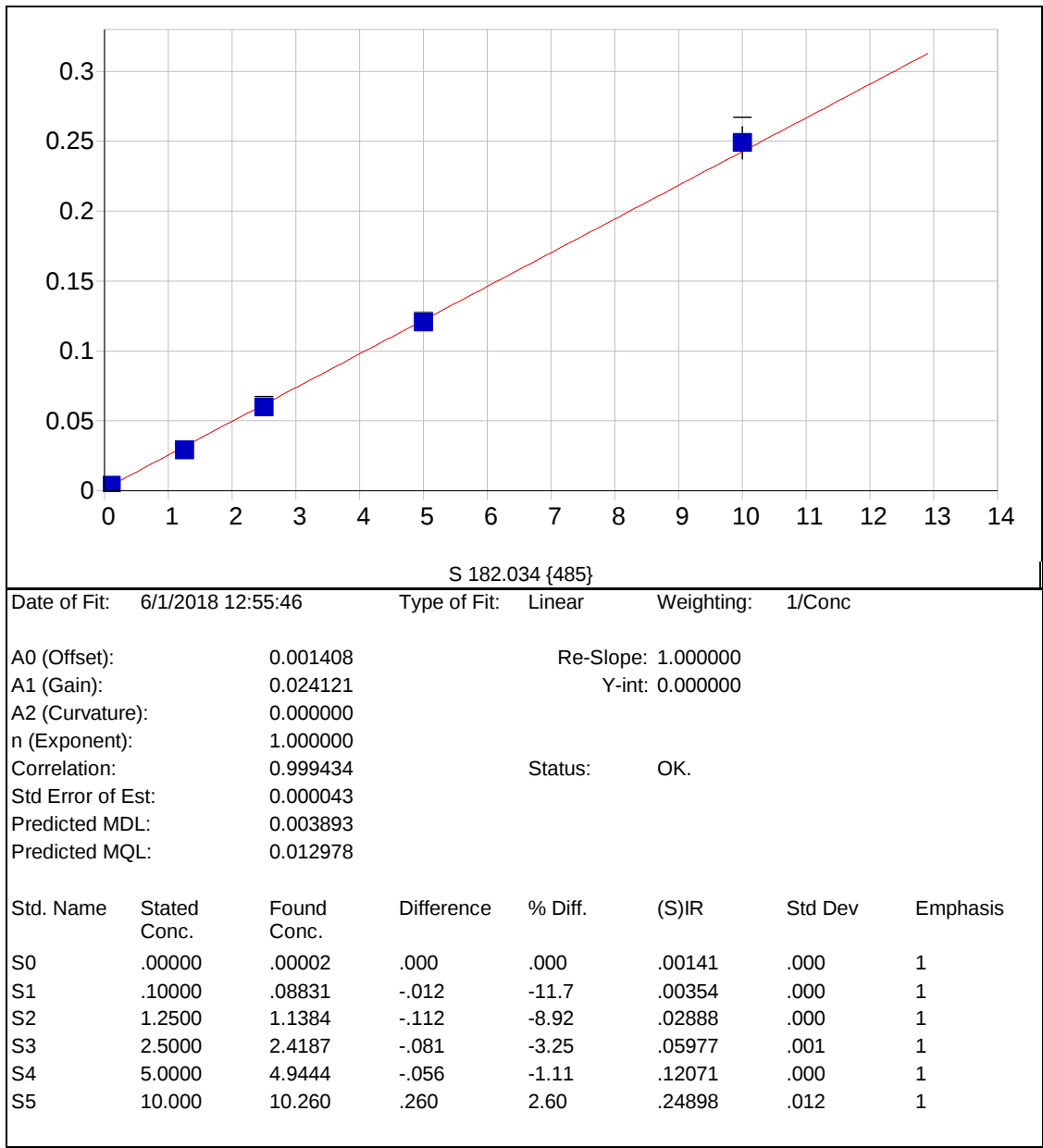
Status: OK.

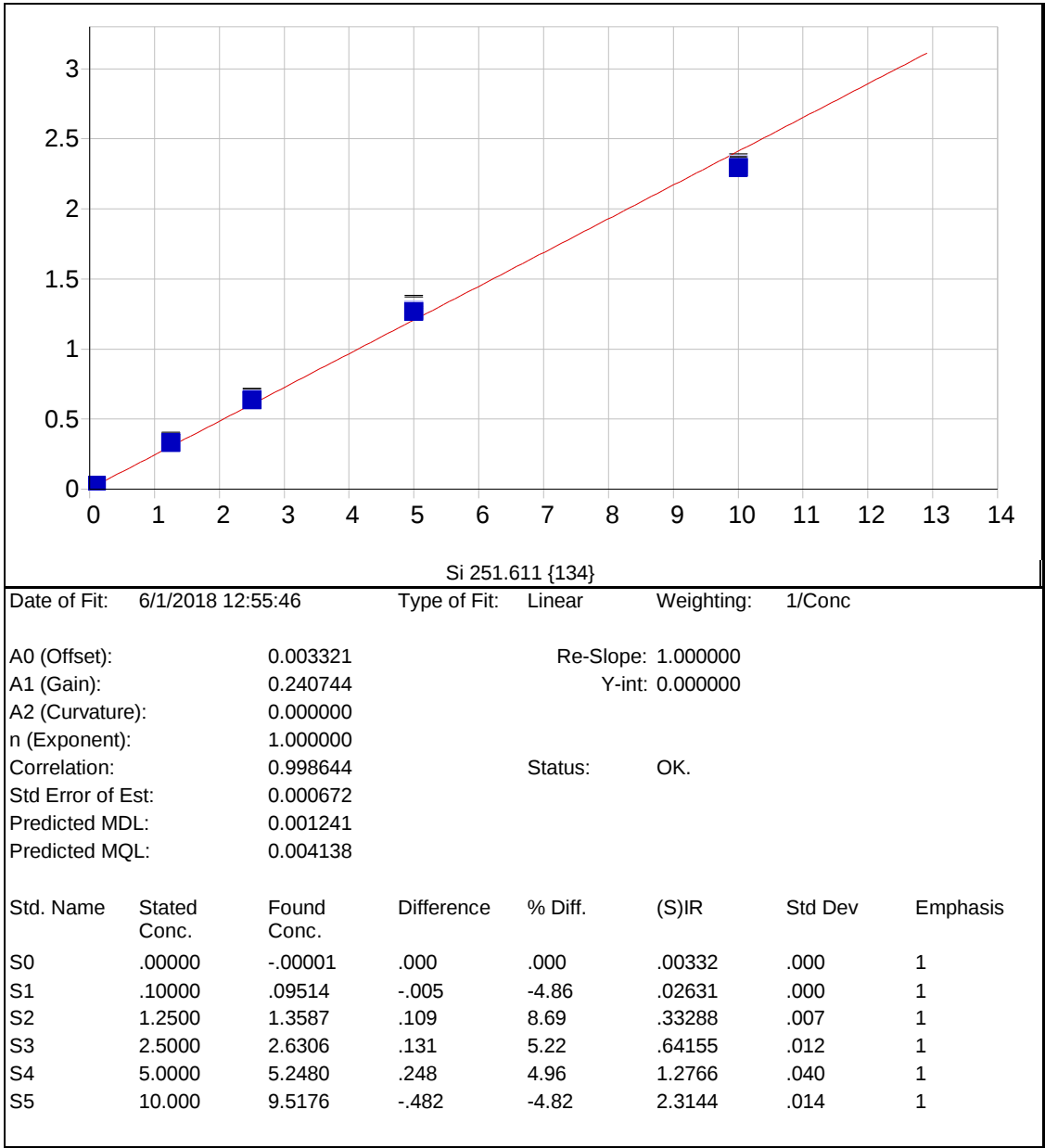
Std Error of Est: 0.000099

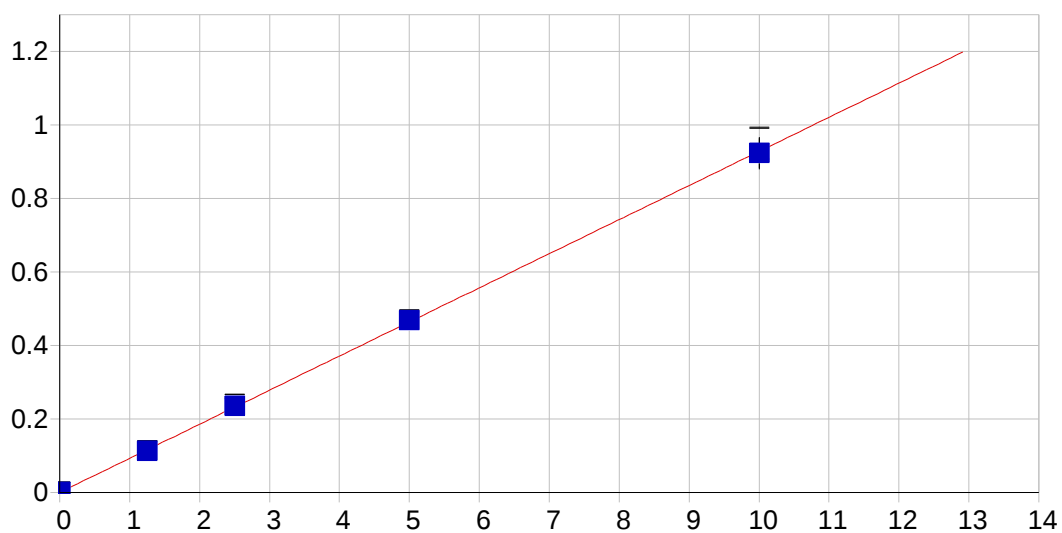
Predicted MDL: 0.000261

Predicted MQL: 0.000869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.01000	.01039	.000	3.92	.00871	.000	1
S2	1.2500	1.2228	-.027	-2.17	.99054	.006	1
S3	2.5000	2.5178	.018	.713	2.0392	.047	1
S4	5.0000	4.9738	-.026	-.524	4.0281	.008	1
S5	10.000	10.035	.035	.352	8.1268	.413	1







Sn 189.989 {478}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000101

Re-Slope: 1.000000

A1 (Gain): 0.092793

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999943

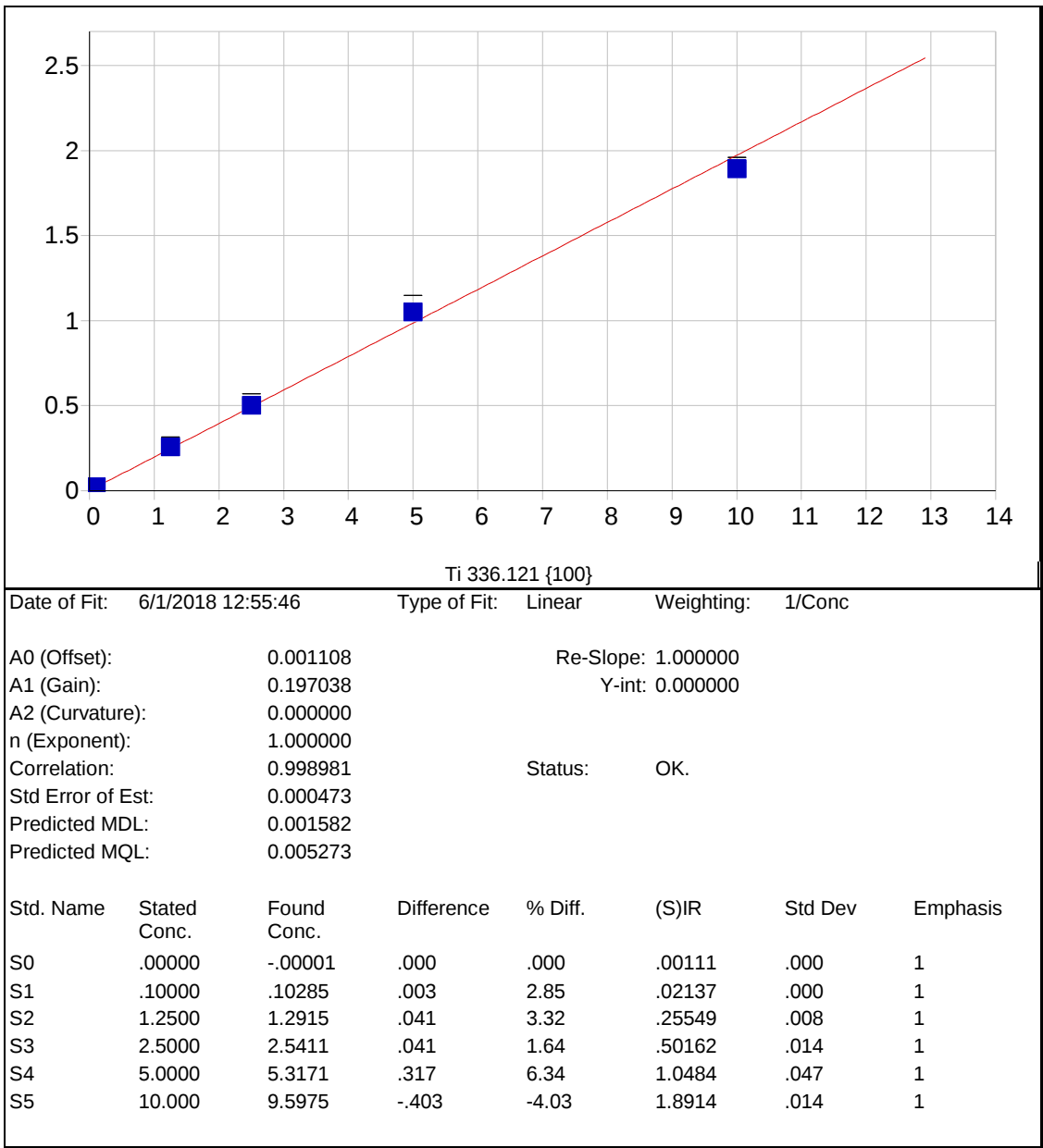
Status: OK.

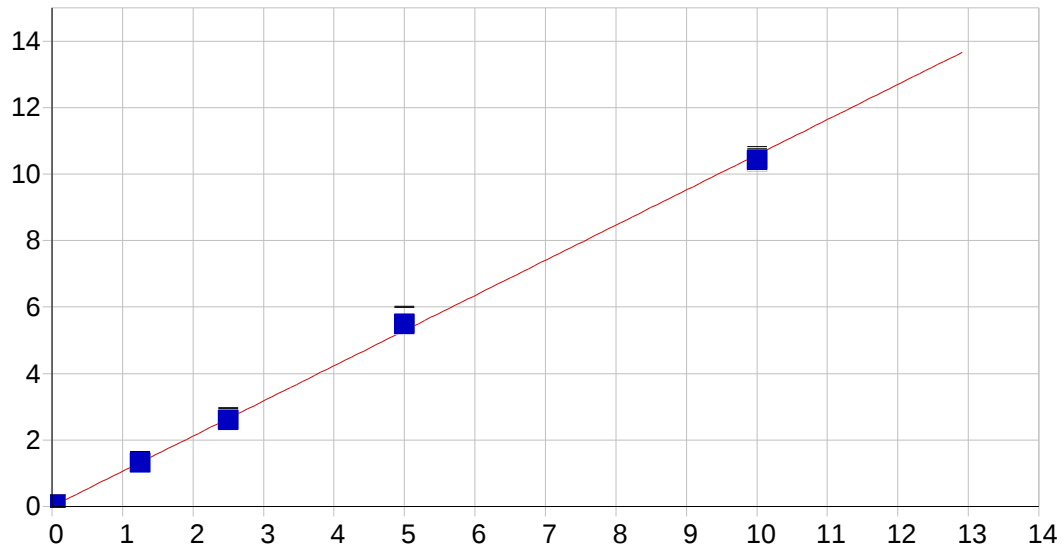
Std Error of Est: 0.000014

Predicted MDL: 0.001006

Predicted MQL: 0.003354

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.00700	.00718	.000	2.52	.00074	.000	1
S2	1.2500	1.2138	-.036	-2.90	.11247	.001	1
S3	2.5000	2.5359	.036	1.44	.23491	.005	1
S4	5.0000	5.0431	.043	.862	.46704	.002	1
S5	10.000	9.9570	-.043	-.430	.92199	.042	1





Li 670.784 { 50}

Date of Fit: 6/1/2018 12:55:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002489

Re-Slope: 1.000000

A1 (Gain): 1.057821

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999725

Status: OK.

Std Error of Est: 0.000925

Predicted MDL: 0.001232

Predicted MQL: 0.004107

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00249	.001	1
S5	10.000	9.8530	-.147	-1.47	10.366	.099	1
S4	5.0000	5.1921	.192	3.84	5.4650	.228	1
S3	2.5000	2.4623	-.038	-1.51	2.5923	.072	1
S2	1.2500	1.2446	-.005	-.430	1.3116	.038	1
S1	.05000	.04794	-.002	-4.12	.05309	.001	1



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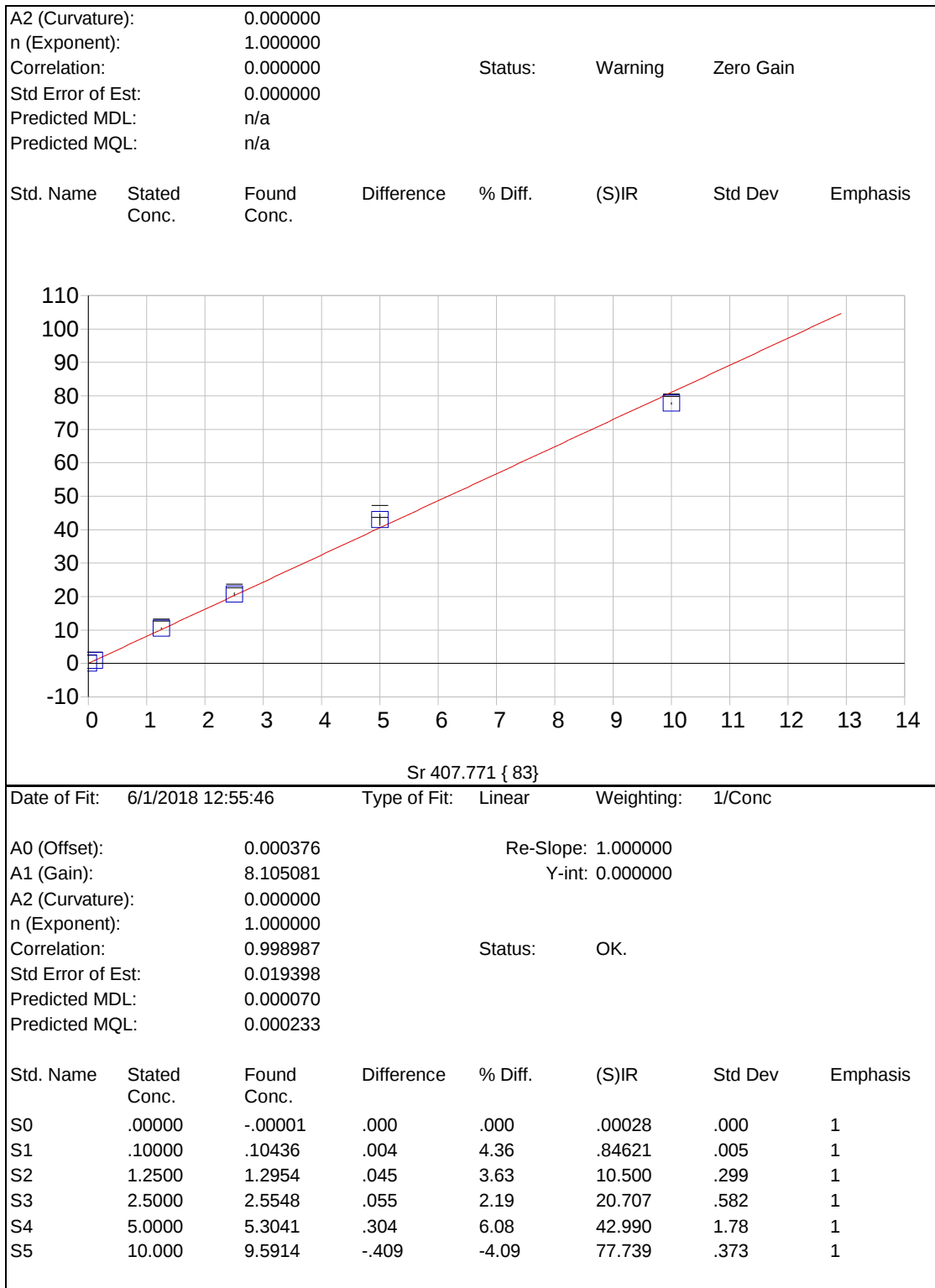


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 6/1/2018 12:01:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	-.00025	-.00023	-.00032	.00035	.00055	.00073	-.01379	-.00141
Stddev	.00002	.00003	.00016	.00008	.00010	.00018	.00143	.00011
%RSD	6.7876	11.467	49.887	21.502	18.313	24.164	10.348	7.9427

#1	-.00026	-.00023	-.00044	.00027	.00060	.00065	-.01528	-.00137
#2	-.00026	-.00025	-.00014	.00036	.00043	.00061	-.01243	-.00132
#3	-.00023	-.00020	-.00037	.00042	.00061	.00094	-.01367	-.00154

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	.00067	.00115	.00001	-.00049	.00059	.00004	.00004	-.00020
Stddev	.00009	.00015	.00003	.00003	.00013	.00004	.00003	.00016
%RSD	13.657	13.282	295.20	6.3505	22.725	106.47	62.743	83.595

#1	.00056	.00103	.00003	-.00047	.00072	.00007	.00003	-.00011
#2	.00070	.00132	.00001	-.00046	.00059	.00006	.00002	-.00009
#3	.00073	.00109	-.00002	-.00052	.00045	-.00001	.00007	-.00038

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	-.00141	-.00083	.00039	-.00035	-.00010	.03057	-.00081	.00112
Stddev	.00021	.00003	.00101	.00011	.00020	.00275	.00004	.00040
%RSD	14.665	3.0876	258.75	31.007	205.20	8.9846	5.0535	36.157

#1	-.00118	-.00084	-.00077	-.00043	.00005	.03371	-.00079	.00123
#2	-.00145	-.00080	.00100	-.00022	-.00032	.02864	-.00078	.00067
#3	-.00159	-.00085	.00094	-.00039	-.00002	.02935	-.00085	.00146

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	.00030	.00141	.00332	.00010	.00111	.00249	.00028	
Stddev	.00024	.00010	.00009	.00001	.00020	.00069	.00031	
%RSD	80.889	6.9413	2.8284	12.974	17.910	27.599	112.71	

#1	.00015	.00136	.00335	.00011	.00128	.00173	.00009	
#2	.00057	.00152	.00321	.00010	.00089	.00306	.00011	
#3	.00017	.00135	.00339	.00009	.00114	.00269	.00064	

Sample Name: S0 Acquired: 6/1/2018 12:01:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	2343.5	2566.5	61808.	8148.2	3966.7
Stddev	76.8	11.3	1549.	527.9	23.9
%RSD	3.2770	.44020	2.5064	6.4782	.60133
#1	2260.8	2579.4	60021.	7565.6	3993.9
#2	2357.2	2561.4	62617.	8594.6	3956.5
#3	2412.5	2558.6	62784.	8284.5	3949.6

Sample Name: S1 Acquired: 6/1/2018 12:05:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	-.00002	.00087	.00129	.00258	.01013	.01358	.61406	.02007
Stddev	.00004	.00010	.00009	.00019	.00035	.00061	.00289	.00041
%RSD	249.92	11.178	6.9944	7.3549	3.4229	4.4891	.47015	2.0458

#1	.00002	.00095	.00121	.00260	.01007	.01397	.61080	.02010
#2	-.00005	.00090	.00138	.00277	.01050	.01288	.61507	.01965
#3	-.00001	.00076	.00127	.00239	.00982	.01390	.61630	.02047

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	.01256	.15334	.00131	.03491	.00265	.00100	.00230	.01915
Stddev	.00026	.00150	.00003	.00072	.00004	.00010	.00008	.00047
%RSD	2.0359	.97943	2.5727	2.0537	1.6016	9.5140	3.5517	2.4294

#1	.01240	.15183	.00129	.03460	.00261	.00108	.00230	.01877
#2	.01286	.15336	.00128	.03573	.00266	.00103	.00238	.01967
#3	.01243	.15483	.00134	.03441	.00269	.00089	.00221	.01900

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	.02062	.00080	.03060	.00232	.00219	.11446	-.00054	.00440
Stddev	.00033	.00006	.00059	.00048	.00022	.00027	.00005	.00035
%RSD	1.5992	7.5812	1.9294	20.481	10.227	.23681	8.7222	7.8913

#1	.02042	.00082	.03040	.00177	.00209	.11441	-.00059	.00401
#2	.02100	.00073	.03126	.00260	.00245	.11422	-.00050	.00453
#3	.02044	.00084	.03013	.00259	.00204	.11475	-.00053	.00466

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	.00871	.00354	.02631	.00074	.02137	.05309	.84621	
Stddev	.00031	.00011	.00018	.00009	.00013	.00078	.00541	
%RSD	3.6131	2.9682	.68117	11.659	.61847	1.4717	.63923	

#1	.00846	.00348	.02619	.00084	.02141	.05219	.84041	
#2	.00906	.00366	.02652	.00067	.02148	.05352	.84710	
#3	.00861	.00348	.02622	.00072	.02122	.05357	.85112	

Sample Name: S1 Acquired: 6/1/2018 12:05:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	2390.3	2554.9	62453.	7943.5	3951.1
Stddev	43.3	46.3	1215.	25.5	71.2
%RSD	1.8106	1.8115	1.9458	.32141	1.8011
#1	2351.9	2573.8	61403.	7962.8	3979.3
#2	2437.2	2502.2	63784.	7953.2	3870.1
#3	2381.7	2588.8	62171.	7914.5	4003.8

Sample Name: S2 Acquired: 6/1/2018 12:09:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.03555	.05166	.84610	.07238	.19020	2.4155	7.7417	.53931
Stddev	.00027	.00061	.00703	.00095	.00116	.0733	.2221	.01250
%RSD	.76977	1.1894	.83084	1.3099	.61162	3.0359	2.8695	2.3174

#1	.03525	.05146	.83951	.07133	.18886	2.3595	7.5775	.53413
#2	.03561	.05116	.84528	.07263	.19080	2.3886	7.6531	.53023
#3	.03578	.05234	.85350	.07317	.19095	2.4985	7.9944	.55357

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	1.4351	1.8470	.48471	.43162	.32005	.36738	.56175	.23697
Stddev	.0123	.0637	.01821	.00406	.01009	.01251	.01959	.00769
%RSD	.85842	3.4500	3.7570	.94078	3.1534	3.4054	3.4874	3.2456

#1	1.4268	1.7983	.50573	.42763	.31200	.35631	.54576	.23036
#2	1.4292	1.8236	.47446	.43148	.31676	.36487	.55589	.23513
#3	1.4492	1.9191	.47393	.43574	.33137	.38095	.58360	.24541

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	.32760	.05453	.21753	.03072	.15994	.66113	.16913	.40054
Stddev	.00286	.00215	.00655	.00113	.00514	.01693	.00162	.00825
%RSD	.87266	3.9454	3.0117	3.6835	3.2149	2.5606	.95709	2.0603

#1	.32458	.05701	.21251	.02954	.16580	.64864	.16818	.39872
#2	.32797	.05342	.21514	.03081	.15619	.65436	.16821	.39335
#3	.33027	.05315	.22494	.03180	.15783	.68040	.17100	.40955

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	.99054	.02888	.33288	.11247	.25549	1.3116	10.500	
Stddev	.00586	.00028	.00696	.00078	.00775	.0380	.299	
%RSD	.59169	.98108	2.0897	.69558	3.0320	2.8980	2.8476	

#1	.98413	.02857	.33170	.11192	.24980	1.2856	10.272	
#2	.99186	.02894	.32658	.11213	.25235	1.2940	10.389	
#3	.99563	.02912	.34035	.11337	.26431	1.3553	10.838	

Sample Name: S2 Acquired: 6/1/2018 12:09:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	2190.3	2445.3	58405.	7787.9	3605.4
Stddev	83.9	18.2	2154.	167.4	24.6
%RSD	3.8311	.74265	3.6881	2.1496	.68256
#1	2093.9	2427.4	55919.	7881.6	3578.1
#2	2229.9	2444.9	59568.	7887.5	3612.1
#3	2247.1	2463.7	59728.	7594.6	3625.9

Sample Name: S3 Acquired: 6/1/2018 12:13:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.07472	.10504	1.7500	.14968	.39430	4.7884	15.312	1.0616
Stddev	.00179	.00195	.0411	.00361	.00942	.1385	.433	.0199
%RSD	2.3905	1.8584	2.3458	2.4142	2.3881	2.8920	2.8281	1.8794

#1	.07304	.10323	1.7141	.14684	.38654	4.6287	14.821	1.0387
#2	.07453	.10479	1.7411	.14845	.39158	4.8751	15.638	1.0713
#3	.07660	.10711	1.7947	.15375	.40478	4.8614	15.478	1.0749

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	2.9620	3.6085	.94048	.89554	.62806	.72370	1.0935	.47738
Stddev	.0645	.0920	.00252	.02118	.01942	.02291	.0306	.01336
%RSD	2.1772	2.5501	.26809	2.3651	3.0920	3.1653	2.7984	2.7990

#1	2.9043	3.5039	.94172	.87632	.60595	.69725	1.0587	.46215
#2	2.9502	3.6768	.93758	.89206	.64234	.73685	1.1161	.48281
#3	3.0316	3.6448	.94214	.91825	.63590	.73700	1.1057	.48716

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	.67582	.10731	.42815	.06063	.31698	1.2863	.35378	.78643
Stddev	.01688	.00050	.01126	.00166	.00248	.0350	.00668	.01464
%RSD	2.4971	.46990	2.6298	2.7353	.78229	2.7169	1.8887	1.8610

#1	.66127	.10777	.41528	.05873	.31412	1.2461	.34771	.76954
#2	.67186	.10677	.43618	.06177	.31846	1.3085	.35268	.79445
#3	.69432	.10739	.43298	.06139	.31836	1.3045	.36094	.79531

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	2.0392	.05977	.64155	.23491	.50162	2.5923	20.707	
Stddev	.0472	.00119	.01214	.00502	.01443	.0723	.582	
%RSD	2.3140	1.9863	1.8923	2.1374	2.8768	2.7903	2.8120	

#1	2.0027	.05860	.62763	.23053	.48495	2.5098	20.043	
#2	2.0224	.05975	.64706	.23380	.50995	2.6445	21.132	
#3	2.0925	.06097	.64995	.24039	.50994	2.6227	20.946	

Sample Name: S3 Acquired: 6/1/2018 12:13:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	2204.7	2365.4	59152.	7913.6	3421.8
Stddev	15.8	44.0	182.	141.3	60.9
%RSD	.71565	1.8610	.30738	1.7852	1.7810
#1	2189.7	2397.3	58976.	8075.6	3473.7
#2	2221.2	2383.7	59339.	7849.2	3436.9
#3	2203.2	2315.1	59139.	7816.0	3354.7

Sample Name: S4 Acquired: 6/1/2018 12:17:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.14934	.20093	3.4153	.29490	.79128	10.111	32.011	2.1435
Stddev	.00022	.00126	.0199	.00065	.00068	.424	1.319	.0594
%RSD	.15026	.62581	.58257	.22031	.08597	4.1971	4.1194	2.7715

#1	.14960	.20234	3.4359	.29541	.79069	10.589	33.506	2.2115
#2	.14919	.20052	3.3963	.29512	.79113	9.9621	31.512	2.1173
#3	.14925	.19993	3.4136	.29417	.79202	9.7808	31.015	2.1016

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7100	7.3627	1.8235	1.7451	1.3078	1.4577	2.1965	.98831
Stddev	.0432	.3110	.0026	.0092	.0549	.0715	.0890	.04991
%RSD	.75713	4.2233	.14076	.52835	4.1952	4.9053	4.0505	5.0497

#1	5.7590	7.7089	1.8206	1.7557	1.3704	1.5363	2.2967	1.0433
#2	5.6774	7.2720	1.8255	1.7390	1.2849	1.4402	2.1658	.97569
#3	5.6936	7.1072	1.8245	1.7407	1.2681	1.3966	2.1269	.94592

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	1.3119	.23014	.89070	.12470	.64032	2.6611	.38126	1.6104
Stddev	.0075	.00083	.03749	.00614	.01398	.1048	.00301	.0480
%RSD	.56888	.35961	4.2093	4.9248	2.1832	3.9382	.78980	2.9817

#1	1.3189	.23027	.93321	.13127	.65587	2.7807	.38448	1.6646
#2	1.3041	.23090	.87655	.12374	.63629	2.6173	.38080	1.5936
#3	1.3128	.22926	.86235	.11910	.62879	2.5853	.37851	1.5730

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	4.0281	.12071	1.2766	.46704	1.0484	5.4650	42.990	
Stddev	.0077	.00049	.0401	.00226	.0468	.2279	1.777	
%RSD	.19147	.40242	3.1420	.48364	4.4609	4.1692	4.1325	

#1	4.0341	.12108	1.3222	.46951	1.1008	5.7238	45.002	
#2	4.0194	.12090	1.2610	.46509	1.0335	5.3771	42.330	
#3	4.0308	.12016	1.2466	.46650	1.0109	5.2943	41.639	

Sample Name: S4 Acquired: 6/1/2018 12:17:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	2093.4	2208.8	57049.	7428.3	3162.9
Stddev	18.5	12.1	327.	238.2	13.5
%RSD	.88448	.54810	.57235	3.2062	.42618
#1	2072.0	2222.0	56675.	7156.1	3176.2
#2	2104.1	2206.3	57195.	7530.8	3163.2
#3	2104.1	2198.2	57277.	7598.1	3149.2

Sample Name: S5 Acquired: 6/1/2018 12:21:29 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.31329	.39223	6.8875	.60760	1.6758	19.240	57.885	3.9952
Stddev	.01580	.01913	.3141	.03050	.0874	.149	.563	.0200
%RSD	5.0419	4.8772	4.5602	5.0202	5.2164	.77429	.97243	.50069

#1	.33145	.41430	7.2490	.64274	1.7767	19.224	57.768	3.9972
#2	.30574	.38038	6.7317	.59212	1.6281	19.099	57.389	3.9743
#3	.30269	.38202	6.6818	.58794	1.6226	19.396	58.497	4.0141

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	11.324	13.755	3.4306	3.4785	2.4050	2.6933	4.0297	1.8960
Stddev	.506	.187	.0069	.1621	.0248	.0099	.0598	.0085
%RSD	4.4683	1.3610	.20205	4.6594	1.0292	.36625	1.4838	.44712

#1	11.903	13.682	3.4379	3.6654	2.3962	2.6973	3.9980	1.8995
#2	11.104	13.616	3.4296	3.3938	2.3858	2.6821	3.9924	1.8863
#3	10.965	13.968	3.4242	3.3763	2.4329	2.7006	4.0987	1.9021

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	2.6115	.40778	1.6638	.23020	1.3172	5.0455	2.0335	2.8442
Stddev	.1216	.00250	.0124	.00145	.0043	.0511	.0993	.0212
%RSD	4.6575	.61387	.74775	.63184	.32561	1.0134	4.8823	.74532

#1	2.7516	.40496	1.6649	.23081	1.3143	5.0289	2.1481	2.8349
#2	2.5495	.40975	1.6508	.22854	1.3153	5.0047	1.9756	2.8292
#3	2.5333	.40863	1.6756	.23124	1.3222	5.1029	1.9767	2.8684

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	8.1268	.24898	2.3144	.92199	1.8914	10.366	77.739	
Stddev	.4133	.01180	.0144	.04246	.0143	.099	.373	
%RSD	5.0857	4.7402	.62101	4.6057	.75734	.95158	.48042	

#1	8.6026	.26260	2.3121	.97093	1.8907	10.354	77.686	
#2	7.9208	.24234	2.3013	.90011	1.8775	10.274	77.395	
#3	7.8569	.24199	2.3297	.89493	1.9061	10.470	78.136	

Sample Name: S5 Acquired: 6/1/2018 12:21:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	1948.2	1986.3	55141.	7653.4	2859.1
Stddev	17.1	91.5	60.	65.6	125.3
%RSD	.87792	4.6051	.10907	.85703	4.3834
#1	1965.4	1881.0	55080.	7683.2	2715.6
#2	1948.1	2046.8	55145.	7698.9	2946.9
#3	1931.2	2031.0	55200.	7578.2	2914.8

Sample Name: S6 Acquired: 6/1/2018 12:25:34 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	52.666	23.691	7.4269	3.2298	4.7947
Stddev	.662	.240	.1040	.0419	.0612
%RSD	1.2566	1.0125	1.4000	1.2967	1.2772

#1	53.362	23.916	7.5291	3.2695	4.8580
#2	52.045	23.439	7.3212	3.1861	4.7358
#3	52.590	23.718	7.4303	3.2339	4.7904

Int. Std.	Y_3710
Units	Cts/S
Avg	7293.1
Stddev	86.9
%RSD	1.1918

#1	7207.5
#2	7381.3
#3	7290.6

Sample Name: ICV Acquired: 6/1/2018 12:36:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.9733454	1.121477	.9838400	1.007392	.9749773	2.465283
Stddev	.0059821	.010429	.0040771	.006210	.0057077	.119811
%RSD	.6145953	.9299231	.4144030	.6164156	.5854175	4.859918

#1	.9791442	1.130132	.9885096	1.014006	.9803955	2.331120
#2	.9671954	1.109898	.9809870	1.001687	.9690186	2.561603
#3	.9736967	1.124399	.9820235	1.006482	.9755177	2.503125

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5281828	.5246051	.5083988	10.62253	F .5539266	.5052732
Stddev	.0259140	.0199508	.0018858	.54359	.0072000	.0022352
%RSD	4.906252	3.803017	.3709252	5.117332	1.299812	.4423724

#1	.4987668	.5016014	.5105121	9.99683	.5622401	.5078006
#2	.5476405	.5371822	.5068876	10.97856	.5497065	.5044624
#3	.5381410	.5350318	.5077968	10.89221	.5498331	.5035566

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5349185	F 5.810019	.5459807	5.953544	.5153141	.4938828
Stddev	.0312337	.317530	.0233945	.281966	.0023259	.0079787
%RSD	5.838958	5.465214	4.284862	4.736096	.4513456	1.615495

#1	.4988949	5.461997	.5190187	5.651458	.5178489	.5030069
#2	.5544357	6.083959	.5609073	6.209766	.5132782	.4882155
#3	.5514250	5.884100	.5580162	5.999408	.5148152	.4904259

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22359	.5478654	1.009449	9.747927	F .0964187	F .2660053
Stddev	.48793	.0293244	.011193	.585634	.0006718	.0088182
%RSD	4.772560	5.352484	1.108822	6.007776	.6967102	3.315043

#1	9.66293	.5157155	.997564	9.080616	.0959031	.2560447
#2	10.55207	.5731441	1.010994	10.17639	.0961745	.2728160
#3	10.45576	.5547364	1.019789	9.98678	.0971783	.2691551

Sample Name: ICV Acquired: 6/1/2018 12:36:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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 .2464096	.0029313	.2545689	F .2409348	.2675237	.0031109
Stddev	.0010193	.0058731	.0095708	.0022485	.0124710	.0004462
%RSD	.4136680	200.3592	3.759604	.9332481	4.661636	14.34184

#1	.2470861	-.002462	.2435565	.2411598	.2537654	.0026732
#2	.2469054	.009188	.2608789	.2430624	.2780847	.0035651
#3	.2452372	.002067	.2592713	.2385823	.2707211	.0030945

Elem	Sr4077
Units	ppm
Avg	.0129181
Stddev	.0006261
%RSD	4.847011

#1	.0121971
#2	.0133255
#3	.0132316

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.032	2589.871	62507.68	8114.884	3988.406
Stddev	39.893	14.379	741.05	316.041	16.920
%RSD	1.680370	.5551853	1.185533	3.894582	.4242233

#1	2329.634	2573.300	61660.99	8477.407	3969.009
#2	2406.862	2597.263	62823.85	7897.365	3996.078
#3	2385.600	2599.050	63038.21	7969.879	4000.130

Sample Name: ICB Acquired: 6/1/2018 12:40:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0012446	.0006733	.0006270	.0012399	.0001035	-.004068	-.000656
Stddev	.0009748	.0024886	.0007565	.0036009	.0015450	.009310	.000206
%RSD	78.32202	369.6110	120.6502	290.4141	1492.914	228.8448	31.33327

#1	.0010048	.0029358	-.000127	.0053528	.0007279	-.011467	-.000629
#2	.0004121	.0010764	.001386	-.000287	-.001656	.006386	-.000465
#3	.0023170	-.001992	.000622	-.001346	.001239	-.007124	-.000874

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.000038	.0100828	.0000334	.0000201	-.000375	.0099236
Stddev	.000001	.000049	.0047593	.0000731	.0002857	.002361	.0128868
%RSD	2.982498	131.0136	47.20260	218.7836	1420.937	629.8442	129.8595

#1	-.000031	-.000087	.0112872	.0000056	-.000265	-.002979	.0242240
#2	-.000032	-.000038	.0141243	-.000022	.000018	.000226	.0063362
#3	-.000033	.000012	.0048370	.000116	.000307	.001628	-.000789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000666	.0233778	-.000117	.0002725	.0698176	.0044930	-.003878
Stddev	.000600	.0510013	.000371	.0003459	.0755166	.0018645	.005893
%RSD	90.13508	218.1617	318.1556	126.9605	108.1628	41.49890	151.9486

#1	-.001200	.0562990	-.000341	.0006219	.1570025	.0064268	-.006719
#2	-.000782	-.035371	.000312	-.000070	.0275852	.0043456	.002897
#3	-.000016	.049205	-.000321	.000265	.0248650	.0027065	-.007813

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717639	-.000444	.0029403	-.000016	-.011386	-.005277	.0000192
Stddev	.0760490	.000304	.0009784	.000266	.000534	.000884	.0003262
%RSD	105.9711	68.37258	33.27610	1635.456	4.689981	16.75699	1696.407

#1	.0041749	-.000568	.0039380	-.000028	-.011123	-.004293	.0002591
#2	.0570070	-.000098	.0019824	.000255	-.011033	-.005532	.0001508
#3	.1541099	-.000667	.0029006	-.000276	-.012000	-.006005	-.000352

Sample Name: ICB Acquired: 6/1/2018 12:40:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	-.000480	.0009994	.0000127
Stddev	.001144	.0009577	.0000396
%RSD	238.3276	95.83224	311.4903

#1	-.001792	-.000106	-.000015
#2	.000042	.001535	.000058
#3	.000309	.001570	-.000004

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.477	2577.793	62714.74	7916.950	3992.855
Stddev	20.671	32.198	739.41	302.538	54.951
%RSD	.8676253	1.249055	1.178998	3.821402	1.376230

#1	2388.989	2581.020	62855.90	8136.625	3997.452
#2	2399.108	2608.255	63373.38	8042.350	4045.363
#3	2359.334	2544.102	61914.92	7571.875	3935.750

Sample Name: ICSA Acquired: 6/1/2018 12:44:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0042875	-.003651	-.001683	.0040837	.0010029	240.6867
Stddev	.0069810	.004444	.002122	.0022323	.0013207	2.8130
%RSD	162.8212	121.7181	126.1225	54.66407	131.6850	1.168733

#1	.0028204	-.001018	-.000031	.0048978	.0012391	240.3048
#2	-.001843	-.001154	-.000941	.0057947	-.000420	243.6712
#3	.011885	-.008782	-.004077	.0015586	.002190	238.0842

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042572	.0010982	-.000554	249.5255	.0513608	.0000216
Stddev	.0010037	.0000963	.000181	1.9243	.0008797	.0001658
%RSD	23.57626	8.769263	32.75967	.7711864	1.712795	767.9225

#1	.0047534	.0011006	-.000431	248.1792	.0511145	-.000143
#2	.0031020	.0010007	-.000762	251.7295	.0523375	.000189
#3	.0049161	.0011932	-.000469	248.6677	.0506306	.000019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004060	101.5889	.0104477	251.5553	.0020806	-.004309
Stddev	.003951	1.4227	.0007942	3.7609	.0004664	.000452
%RSD	97.32189	1.400465	7.601782	1.495050	22.41536	10.50067

#1	-.007300	101.3524	.0095673	251.1850	.0018403	-.004274
#2	.000342	103.1150	.0106655	255.4876	.0017835	-.004778
#3	-.005223	100.2992	.0111103	247.9932	.0026182	-.003875

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5402568	.0057509	-.017074	-.199577	-.006481	F .1166938
Stddev	.2270598	.0012943	.008595	.005587	.000452	.0038975
%RSD	42.02812	22.50596	50.34310	2.799205	6.972293	3.339940

#1	.3994842	.0043987	-.009509	-.196470	-.005996	.1186046
#2	.4190877	.0069782	-.015292	-.196235	-.006890	.1192672
#3	.8021984	.0058757	-.026421	-.206027	-.006557	.1122097

Sample Name: ICSA Acquired: 6/1/2018 12:44:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0006026	.0120965	-.007828	-.002454	-.001971	.0054360
Stddev	.0002532	.0003695	.000512	.000771	.000989	.0006251
%RSD	42.01342	3.054507	6.540647	31.40257	50.19981	11.50006

#1	.0004042	.0122393	-.008410	-.002810	-.001341	.0061573
#2	.0008877	.0123732	-.007623	-.002982	-.001460	.0050983
#3	.0005158	.0116769	-.007449	-.001570	-.003111	.0050523

Elem	Sr4077
Units	ppm
Avg	.1026105
Stddev	.0010149
%RSD	.9890959

#1	.1024802
#2	.1036843
#3	.1016671

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.986	2343.776	58688.72	7779.438	3302.857
Stddev	15.119	66.106	268.15	69.249	98.813
%RSD	.6807170	2.820474	.4568980	.8901502	2.991732

#1	2203.753	2387.272	58444.58	7832.495	3363.052
#2	2227.187	2376.352	58645.87	7701.101	3356.701
#3	2232.018	2267.705	58975.72	7804.717	3188.817

Sample Name: ICSAB Acquired: 6/1/2018 12:48:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0982782	.1000555	.0438499	.0535820	.5773653	240.8907
Stddev	.0063983	.0043220	.0022838	.0052045	.0110819	4.4683
%RSD	6.510422	4.319634	5.208121	9.713206	1.919383	1.854925

#1	.0997561	.0999489	.0423763	.0478038	.5815449	245.0131
#2	.0912702	.1044298	.0464806	.0579016	.5648015	241.5166
#3	.1038082	.0957877	.0426927	.0550407	.5857496	236.1424

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5233523	.5152301	1.007144	249.3874	.5641615	.4991300
Stddev	.0089715	.0055740	.019542	3.9227	.0021350	.0085115
%RSD	1.714231	1.081852	1.940333	1.572936	.3784332	1.705267

#1	.5321634	.5203975	1.011977	252.5320	.5641746	.5022144
#2	.5236650	.5159696	.985638	250.6384	.5662898	.4895063
#3	.5142286	.5093232	1.023815	244.9918	.5620200	.5056693

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5076392	101.9710	.5309148	251.8496	1.011687	.1869159
Stddev	.0130985	2.0479	.0102331	4.7105	.019698	.0008900
%RSD	2.580271	2.008347	1.927439	1.870352	1.947073	.4761763

#1	.5205640	104.0519	.5377970	256.0466	1.018585	.1878312
#2	.5079799	101.9034	.5357918	252.7474	.989467	.1868631
#3	.4943737	99.9577	.5191555	246.7549	1.027009	.1860534

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5947423	.5189513	.9593976	-.381022	.0061758	F .1169784
Stddev	.0744273	.0091979	.0068613	.033358	.0006680	.0027530
%RSD	12.51420	1.772393	.7151699	8.755006	10.81562	2.353443

#1	.5765553	.5286528	.9655233	-.416971	.0067994	.1199072
#2	.5310942	.5103574	.9606862	-.351068	.0062572	.1165847
#3	.6765774	.5178438	.9519834	-.375025	.0054709	.1144435

Sample Name: ICSAB Acquired: 6/1/2018 12:48:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0016688	.0080187	-.007452	-.005018	-.002226	.0068317
Stddev	.0004461	.0018221	.000339	.001172	.001079	.0006526
%RSD	26.73561	22.72299	4.546875	23.35579	48.47160	9.553311

#1	.0020134	.0068245	-.007452	-.006305	-.003051	.0075796
#2	.0018280	.0071157	-.007113	-.004011	-.001005	.0065378
#3	.0011648	.0101160	-.007790	-.004739	-.002621	.0063777

Elem	Sr4077
Units	ppm
Avg	.1027616
Stddev	.0016864
%RSD	1.641105

#1	.1038881
#2	.1035739
#3	.1008227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.390	2362.028	59035.17	7720.437	3343.060
Stddev	4.606	33.799	250.63	105.062	56.880
%RSD	.2068697	1.430942	.4245379	1.360831	1.701445

#1	2223.403	2345.865	59055.41	7626.049	3314.825
#2	2224.074	2400.875	58775.03	7701.630	3408.534
#3	2231.695	2339.346	59275.06	7833.633	3305.821

Sample Name: CCV096 Acquired: 6/1/2018 12:52:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.535623	4.537545	22.86737	4.542524	4.588716	386.4075
Stddev	.007988	.012036	.06633	.012842	.028960	2.2273
%RSD	.1761259	.2652554	.2900775	.2826982	.6311136	.5764078

#1	4.526573	4.533522	22.88738	4.547220	4.561313	384.6237
#2	4.541690	4.551078	22.79333	4.527996	4.585820	385.6950
#3	4.538607	4.528036	22.92139	4.552357	4.619015	388.9039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.474848	.4767427	2.289168	384.0216	14.23399	2.299888
Stddev	.027316	.0030793	.008126	1.6207	.10802	.007034
%RSD	.2882964	.6458962	.3549690	.4220387	.7588805	.3058600

#1	9.459228	.4745517	2.297726	383.9799	14.34794	2.305789
#2	9.458927	.4754131	2.281557	382.4222	14.13309	2.292103
#3	9.506388	.4802634	2.288221	385.6628	14.22094	2.301771

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02325	391.9680	13.91394	386.2775	2.324434	F 1.109186
Stddev	.05687	3.7270	.05767	4.0891	.007307	.008106
%RSD	.4055609	.9508423	.4145007	1.058582	.3143761	.7307660

#1	13.98135	389.8970	13.91093	382.9512	2.325003	1.116780
#2	14.00042	389.7364	13.85783	385.0385	2.316858	1.100651
#3	14.08800	396.2705	13.97306	390.8427	2.331440	1.110127

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.4735	2.337289	13.78879	142.5672	F 6.334925	4.845785
Stddev	1.8587	.018648	.28524	.8285	.004957	.038305
%RSD	.4846909	.7978303	2.068661	.5811199	.0782424	.7904825

#1	382.0056	2.335200	14.00802	141.9205	6.331148	4.803511
#2	382.8514	2.319775	13.46630	142.2800	6.333091	4.855654
#3	385.5634	2.356894	13.89205	143.5010	6.340538	4.878190

Sample Name: CCV096 Acquired: 6/1/2018 12:52:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.495370	4.757374	4.614105	4.616730	4.628336	4.724597
Stddev	.015606	.008862	.029459	.014848	.027164	.017952
%RSD	.3471494	.1862706	.6384617	.3216214	.5869142	.3799649

#1	4.487782	4.748205	4.583465	4.620064	4.608067	4.708016
#2	4.485009	4.758024	4.616628	4.600498	4.617738	4.722113
#3	4.513318	4.765893	4.642221	4.629628	4.659201	4.743661

Elem	Sr4077
Units	ppm
Avg	4.703587
Stddev	.022031
%RSD	.4683792

#1	4.697133
#2	4.685504
#3	4.728124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.817	2127.680	55819.67	7552.423	2956.947
Stddev	35.389	15.575	506.49	28.009	15.936
%RSD	1.731526	.7320322	.9073673	.3708625	.5389320

#1	2008.744	2141.972	55245.02	7564.259	2970.212
#2	2079.514	2129.989	56201.13	7572.571	2961.359
#3	2043.195	2111.080	56012.88	7520.439	2939.270

Sample Name: CCB096 Acquired: 6/1/2018 12:56:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019523	.0031281	.0011090	.0041450	-.000185	.0071539	-.001641
Stddev	.0029331	.0016678	.0009445	.0010794	.000675	.0050410	.000289
%RSD	150.2380	53.31782	85.16717	26.04060	363.7892	70.46507	17.60397

#1	.0044574	.0013934	.0007973	.0034900	.000453	.0013548	-.001688
#2	-.001274	.0032710	.0021700	.0053909	-.000891	.0096186	-.001904
#3	.002674	.0047198	.0003597	.0035542	-.000119	.0104885	-.001332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	.0000573	.0071017	.0000607	-.000004	.0018879	.0114492
Stddev	.000037	.0000303	.0105560	.0005007	.000204	.0018502	.0218363
%RSD	44.80766	52.86802	148.6406	825.0454	4828.686	98.00483	190.7244

#1	-.000048	.0000245	.0179671	.0006384	-.000171	.0008806	.0281838
#2	-.000077	.0000841	-.003115	-.000208	-.000065	.0040232	-.013252
#3	-.000121	.0000633	.006453	-.000248	.000223	.0007598	.019415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005901	.0316819	-.000153	.0005835	.1220602	.0062722	-.008583
Stddev	.0010993	.0249112	.000329	.0003411	.1867067	.0020772	.001948
%RSD	186.3004	78.62901	215.1757	58.45906	152.9627	33.11813	22.69795

#1	-.000637	.0468158	-.000501	.0009301	.1740548	.0080790	-.010750
#2	.000921	.0029303	.000153	.0005723	-.085133	.0040026	-.006975
#3	.001486	.0452996	-.000110	.0002481	.277258	.0067350	-.008025

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012250	-.000033	.0042892	.0000802	-.011863	-.006905	-.000482
Stddev	.051501	.000552	.0015403	.0001970	.002194	.002003	.001223
%RSD	420.4042	1670.561	35.91151	245.7296	18.49160	29.00467	253.7814

#1	.030391	-.000177	.0052934	.0000158	-.013620	-.009149	.000744
#2	.002327	-.000499	.0050585	.0003012	-.009404	-.006267	-.000487
#3	-.069468	.000577	.0025158	-.000077	-.012565	-.005299	-.001703

Sample Name: CCB096 Acquired: 6/1/2018 12:56:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB096 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003412	.0010284	-.000014
Stddev	.0017002	.0006943	.000087
%RSD	498.2305	67.51326	613.0365

#1	.0017045	.0008456	.000073
#2	.0008830	.0017959	-.000013
#3	-.001564	.0004438	-.000102

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.045	2549.074	62134.37	7961.867	3975.192
Stddev	59.239	19.427	1345.50	81.811	15.916
%RSD	2.529362	.7621244	2.165476	1.027538	.4003910

#1	2273.763	2532.580	60627.22	7878.475	3961.061
#2	2372.654	2570.488	62561.19	7965.125	3992.434
#3	2379.717	2544.155	63214.69	8042.000	3972.080

Sample Name: CCV097 Acquired: 6/1/2018 14:14:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923035	4.553944	22.95273	4.823948	F 2.143751	384.1680
Stddev	.028839	.014034	.09420	.037021	.025031	.4386
%RSD	.5857930	.3081639	.4104164	.7674417	1.167617	.1141714

#1	4.944493	4.570087	22.97305	4.848834	2.167354	383.7571
#2	4.890253	4.547095	22.85002	4.781404	2.117502	384.6299
#3	4.934359	4.544650	23.03511	4.841607	2.146396	384.1171

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.28410	.5007466	2.311000	390.3459	15.22612	2.279751
Stddev	.01704	.0005702	.007981	.7988	.04305	.005762
%RSD	.1656598	.1138630	.3453597	.2046488	.2827657	.2527283

#1	10.30282	.5000919	2.314496	390.9116	15.27558	2.282777
#2	10.26949	.5010143	2.301867	389.4321	15.19710	2.273107
#3	10.27999	.5011338	2.316636	390.6941	15.20567	2.283370

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13535	386.4624	F 11.41621	391.3284	2.337768	1.199388
Stddev	.01317	2.2114	.08523	2.4107	.007997	.003952
%RSD	.0869997	.5722246	.7465778	.6160280	.3420626	.3294685

#1	15.15022	383.9735	11.31974	388.5619	2.342077	1.198856
#2	15.12516	387.2123	11.48132	392.9790	2.328541	1.195729
#3	15.13066	388.2013	11.44756	392.4441	2.342686	1.203578

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	378.3222	2.501333	15.25744	153.4731	F 6.420102	5.103143
Stddev	.2547	.017108	.06796	.1815	.015353	.020442
%RSD	.0673178	.6839504	.4454539	.1182807	.2391384	.4005821

#1	378.0388	2.497385	15.28769	153.6646	6.437450	5.087318
#2	378.5319	2.486545	15.17961	153.4513	6.408265	5.095887
#3	378.3959	2.520070	15.30504	153.3035	6.414592	5.126223

Sample Name: CCV097 Acquired: 6/1/2018 14:14:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.869214	4.791527	4.846583	4.599651	4.967152	5.110445
Stddev	.026301	.006381	.015310	.011927	.008191	.004247
%RSD	.5401445	.1331749	.3158954	.2593012	.1649057	.0831029

#1	4.889707	4.798382	4.831053	4.613051	4.968039	5.115200
#2	4.839557	4.785760	4.847033	4.590198	4.974863	5.109105
#3	4.878377	4.790440	4.861663	4.595703	4.958553	5.107030

Elem	Sr4077
Units	ppm
Avg	5.086207
Stddev	.009442
%RSD	.1856458

#1	5.096963
#2	5.082374
#3	5.079284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.762	2000.413	52329.92	7215.484	3007.033
Stddev	11.606	8.488	248.39	23.225	9.666
%RSD	.6180725	.4243113	.4746690	.3218824	.3214523

#1	1864.891	1995.149	52044.18	7223.393	3005.611
#2	1880.966	2010.205	52451.23	7233.722	3017.331
#3	1887.430	1995.886	52494.35	7189.337	2998.156

Sample Name: CCB097 Acquired: 6/1/2018 14:18:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001333	.0011297	.0018017	-.000406	.0002523	.0126760	-.001816
Stddev	.000634	.0038928	.0010410	.001552	.0008277	.0078586	.000638
%RSD	47.59003	344.5717	57.77879	382.4226	328.0343	61.99588	35.11513

#1	-.002043	-.003247	.0016782	-.001815	-.000400	.0178977	-.001080
#2	-.000820	.004204	.0028989	.001257	.001183	.0164922	-.002155
#3	-.001137	.002433	.0008279	-.000659	-.000026	.0036380	-.002213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000074	-.000081	.0169833	.0002361	.0001660	.0002723	.0169648
Stddev	.000032	.000048	.0008449	.0003007	.0000754	.0039124	.0112646
%RSD	43.62107	59.60175	4.974794	127.3918	45.41481	1436.892	66.39997

#1	-.000109	-.000109	.0179491	-.000111	.0002516	-.003145	.0199576
#2	-.000046	-.000025	.0163808	.000424	.0001093	.004540	.0264307
#3	-.000066	-.000109	.0166200	.000395	.0001372	-.000579	.0045060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000254	.0217997	.0000462	.0003527	.0723747	.0046687	-.004810
Stddev	.0007087	.0087191	.0004342	.0000692	.1030411	.0027798	.003596
%RSD	2790.518	39.99623	938.8819	19.61870	142.3718	59.54159	74.76736

#1	.0006798	.0288610	.0004059	.0002733	.1896016	.0038380	-.007716
#2	.0001238	.0120541	-.000436	.0003995	-.003870	.0023989	-.000788
#3	-.000727	.0244842	.000169	.0003855	.031393	.0077692	-.005924

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153082	.0000980	.0033933	-.000204	-.004153	-.004045	.0007800
Stddev	.0632511	.0002899	.0004639	.000194	.002416	.000895	.0007964
%RSD	413.1851	295.8181	13.67187	95.10737	58.17274	22.12731	102.1075

#1	.0588644	-.000236	.0037658	-.000413	-.004006	-.003011	-.000008
#2	-.057242	.000284	.0035404	-.000170	-.001814	-.004561	.000764
#3	.044303	.000245	.0028736	-.000029	-.006639	-.004562	.001584

Sample Name: CCB097 Acquired: 6/1/2018 14:18:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB097 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016347	.0007790	.0001167
Stddev	.0016518	.0004700	.0000538
%RSD	101.0472	60.33136	46.14143

#1	.0026005	.0002710	.0001223
#2	.0025761	.0008677	.0001674
#3	-.000273	.0011983	.0000602

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2245.967	2428.026	60078.75	7721.863	4037.387
Stddev	4.608	3.216	292.59	139.358	1.654
%RSD	.2051680	.1324539	.4870106	1.804720	.0409792

#1	2242.943	2424.329	59807.97	7566.350	4035.487
#2	2243.686	2430.181	60039.15	7835.430	4038.511
#3	2251.270	2429.567	60389.12	7763.810	4038.163

Sample Name: J3145-07 Acquired: 6/1/2018 14:22:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1579911	-.008412	.9377339	-.120451	.0058823	147.0843	3.302222
Stddev	.0056046	.004477	.0164886	.006127	.0020316	.4837	.009615
%RSD	3.547425	53.22202	1.758341	5.086941	34.53797	.3288718	.2911647

#1	.1540898	-.004288	.9334866	-.120715	.0077062	147.6326	3.310427
#2	.1554700	-.013174	.9237845	-.114196	.0036926	146.7176	3.304597
#3	.1644135	-.007776	.9559306	-.126442	.0062480	146.9028	3.291643

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0265653	-.001297	24.26667	.6710981	.2402598	.1303476	685.2368
Stddev	.0001910	.000624	.22455	.0012382	.0042943	.0004740	4.2924
%RSD	.7190775	48.13222	.9253546	.1844983	1.787372	.3636466	.6264073

#1	.0267753	-.001823	24.51356	.6697085	.2405448	.1307790	688.3798
#2	.0265190	-.001462	24.21183	.6715020	.2358301	.1298402	680.3464
#3	.0264018	-.000607	24.07461	.6720839	.2444046	.1304237	686.9844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.09541	12.74792	.1233197	-.027486	2.767783	1.123141	1.088044
Stddev	.17030	.10035	.0017259	.000147	.155944	.008823	.013461
%RSD	.5853052	.7871799	1.399552	.5336059	5.634261	.7855504	1.237130

#1	29.24437	12.71897	.1232370	-.027335	2.946228	1.132384	1.097742
#2	28.90976	12.66522	.1216366	-.027628	2.657670	1.114809	1.072676
#3	29.13210	12.85956	.1250854	-.027494	2.699449	1.122229	1.093714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.387754	.6791930	.8078750	.0110445	1.725160	5.082639	.0522477
Stddev	.058100	.0119662	.0126760	.0004433	.040407	.043470	.0028488
%RSD	1.715007	1.761830	1.569059	4.013941	2.342228	.8552720	5.452427

#1	3.450408	.6763717	.8120413	.0107657	1.730319	5.132723	.0501568
#2	3.377198	.6688896	.7936402	.0108120	1.682420	5.054703	.0510940
#3	3.335655	.6923178	.8179435	.0115557	1.762739	5.060491	.0554924

Sample Name: J3145-07 Acquired: 6/1/2018 14:22:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8156733	.0755411	.1239016
Stddev	.0035260	.0003509	.0003546
%RSD	.4322824	.4645591	.2862273

#1	.8195698	.0758425	.1242776
#2	.8127023	.0756249	.1238540
#3	.8147479	.0751558	.1235732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.253	2790.824	70643.80	9423.445	3671.180
Stddev	5.103	31.589	241.88	78.196	55.740
%RSD	.1950556	1.131893	.3423939	.8297984	1.518315

#1	2613.007	2796.772	70597.69	9333.154	3674.054
#2	2622.135	2819.017	70905.42	9468.910	3725.428
#3	2613.616	2756.684	70428.30	9468.273	3614.059

Sample Name: J3145-08 Acquired: 6/1/2018 14:26:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1547609	-.007603	.9284521	-.116748	.0059116	146.3287	3.311319
Stddev	.0012869	.002526	.0048431	.003271	.0021440	.9013	.022135
%RSD	.8315154	33.22406	.5216317	2.801531	36.26826	.6159297	.6684649

#1	.1546012	-.009526	.9228725	-.114138	.0037577	145.7676	3.302489
#2	.1535613	-.004742	.9309156	-.120417	.0059315	147.3684	3.336506
#3	.1561201	-.008541	.9315682	-.115689	.0080456	145.8503	3.294961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260462	-.000914	24.58382	.6681528	.2390119	.1288271	676.7941
Stddev	.0003783	.000133	.24789	.0191786	.0012435	.0031402	3.9491
%RSD	1.452537	14.56385	1.008356	2.870397	.5202851	2.437528	.5835015

#1	.0260017	-.000809	24.69507	.6668299	.2379163	.1324359	675.2891
#2	.0264449	-.000869	24.75660	.6879587	.2387558	.1267172	681.2744
#3	.0256921	-.001064	24.29979	.6496699	.2403635	.1273282	673.8187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.63507	12.57362	.1231750	-.028103	2.856703	1.109587	1.079108
Stddev	.12881	.09284	.0015488	.002734	.153850	.008386	.042081
%RSD	.4498321	.7384102	1.257369	9.726735	5.385577	.7557750	3.899577

#1	28.56877	12.59213	.1214424	-.027387	2.679076	1.102085	1.080193
#2	28.78353	12.65582	.1236577	-.031124	2.943054	1.118640	1.120635
#3	28.55292	12.47292	.1244249	-.025799	2.947980	1.108035	1.036495

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.448787	.6768762	.8005318	.0109910	1.727054	5.003801	.0499372
Stddev	.035518	.0032768	.0092882	.0003684	.010534	.038260	.0000988
%RSD	1.029868	.4840985	1.160254	3.351457	.6099265	.7646260	.1977392

#1	3.489799	.6732936	.7949928	.0114066	1.719324	4.980799	.0500459
#2	3.428273	.6797214	.8112550	.0108615	1.722786	5.047968	.0499126
#3	3.428288	.6776136	.7953477	.0107049	1.739052	4.982636	.0498531

Sample Name: J3145-08 Acquired: 6/1/2018 14:26:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8121407	.0757735	.1238483
Stddev	.0065058	.0010584	.0007531
%RSD	.8010713	1.396747	.6081070

#1	.8066380	.0747513	.1233334
#2	.8193210	.0768647	.1247127
#3	.8104632	.0757046	.1234989

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.551	2806.338	70489.55	9494.509	3687.328
Stddev	74.070	14.139	1727.85	30.009	19.343
%RSD	2.838427	.5038115	2.451220	.3160690	.5245829

#1	2613.031	2820.413	70454.94	9510.216	3708.273
#2	2533.803	2806.464	68779.26	9459.906	3683.575
#3	2681.821	2792.136	72234.45	9513.405	3670.137

Sample Name: J3145-09 Acquired: 6/1/2018 14:30:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2300974	.1036020	.9728568	-.005098	.0980185	146.1712	8.029850
Stddev	.0101998	.0062179	.0178838	.006769	.0015397	.0479	.017040
%RSD	4.432821	6.001704	1.838277	132.7882	1.570864	.0327488	.2122096

#1	.2259065	.1084116	.9661661	.001025	.0962932	146.2156	8.048301
#2	.2226607	.1058137	.9592830	-.003952	.0992529	146.1205	8.014705
#3	.2417251	.0965806	.9931212	-.012367	.0985095	146.1777	8.026544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1322429	.1220435	24.18505	1.113688	1.456390	.6926473	656.5322
Stddev	.0005064	.0033010	.24793	.004406	.029163	.0026124	.5895
%RSD	.3829122	2.704744	1.025127	.3955815	2.002420	.3771646	.0897847

#1	.1316663	.1205033	24.16199	1.113875	1.442431	.6952999	655.8615
#2	.1326156	.1197940	24.44370	1.109192	1.436831	.6925650	656.9680
#3	.1324466	.1258330	23.94946	1.117997	1.489909	.6900770	656.7672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.72630	12.28077	1.371097	.0767275	2.688630	2.223335	2.143234
Stddev	.05843	.01465	.029419	.0000719	.117067	.010764	.043647
%RSD	.1965687	.1193012	2.145681	.0937023	4.354159	.4841282	2.036517

#1	29.65894	12.28690	1.355135	.0766595	2.618294	2.211216	2.150291
#2	29.75653	12.29135	1.353109	.0767203	2.623826	2.227007	2.096488
#3	29.76343	12.26404	1.405048	.0768027	2.823770	2.231783	2.182922

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.296329	.6864034	.7655483	.0111397	1.700190	6.371495	.0510107
Stddev	.045004	.0166652	.0092195	.0004421	.041210	.019540	.0014848
%RSD	1.365266	2.427903	1.204304	3.968874	2.423823	.3066773	2.910847

#1	3.244457	.6742851	.7761897	.0111681	1.679066	6.354387	.0505208
#2	3.324969	.6795170	.7604925	.0106841	1.673824	6.392788	.0498328
#3	3.319560	.7054082	.7599627	.0115670	1.747678	6.367310	.0526786

Sample Name: J3145-09 Acquired: 6/1/2018 14:30:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8111143	.0759335	.1214958
Stddev	.0049921	.0010289	.0002793
%RSD	.6154594	1.354964	.2299062

#1	.8059723	.0750864	.1215164
#2	.8159416	.0770784	.1212067
#3	.8114291	.0756357	.1217643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2625.875	2788.656	70782.10	9528.642	3670.921
Stddev	7.009	36.479	29.04	49.105	61.694
%RSD	.2669130	1.308120	.0410317	.5153401	1.680609

#1	2633.396	2812.202	70763.58	9574.260	3704.626
#2	2619.527	2807.129	70815.57	9476.669	3708.420
#3	2624.700	2746.635	70767.15	9534.998	3599.717

Sample Name: J3145-07LX5 Acquired: 6/1/2018 14:34:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0397408	-.000077	.1914950	-.026054	.0000544	33.35660	.7869898
Stddev	.0006084	.003991	.0021738	.001779	.0006828	.14708	.0017670
%RSD	1.530890	5211.882	1.135191	6.828162	1254.393	.4409289	.2245249

#1	.0392547	.003031	.1890272	-.026794	-.000214	33.36781	.7890297
#2	.0395447	-.004577	.1923315	-.027343	.000831	33.49775	.7859318
#3	.0404231	.001316	.1931263	-.024024	-.000454	33.20423	.7860079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062900	-.001118	5.957217	.1589910	.0481955	.0300939	158.8084
Stddev	.0001612	.000110	.031046	.0048453	.0004356	.0042567	.9762
%RSD	2.562193	9.861036	.5211555	3.047526	.9038723	14.14483	.6147210

#1	.0064488	-.001241	5.973608	.1642070	.0485571	.0251902	158.0883
#2	.0062948	-.001082	5.976632	.1581356	.0477119	.0328380	159.9195
#3	.0061265	-.001030	5.921410	.1546303	.0483176	.0322534	158.4174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.989509	2.906569	.0252184	-.006571	.6759161	.2625863	.2401308
Stddev	.058363	.028576	.0002996	.000499	.2187432	.0046738	.0091580
%RSD	.8350031	.9831445	1.188236	7.600100	32.36247	1.779905	3.813738

#1	6.962961	2.876069	.0254625	-.007145	.4548544	.2632138	.2507053
#2	7.056427	2.910914	.0248839	-.006236	.6806292	.2669146	.2347894
#3	6.949141	2.932723	.0253085	-.006331	.8922646	.2576305	.2348976

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8179135	.1363221	.1829443	.0028372	.3424523	.7274892	.0104988
Stddev	.0189996	.0009980	.0012505	.0000665	.0014074	.0076129	.0009938
%RSD	2.322936	.7321107	.6835178	2.345226	.4109662	1.046459	9.466193

#1	.8303255	.1353784	.1815047	.0028569	.3421616	.7346580	.0113213
#2	.8273740	.1362209	.1837607	.0028917	.3439823	.7283107	.0093945
#3	.7960409	.1373668	.1835675	.0027631	.3412129	.7194989	.0107805

Sample Name: J3145-07LX5 Acquired: 6/1/2018 14:34:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1780881	.0165229	.0288799
Stddev	.0020536	.0004313	.0000675
%RSD	1.153127	2.610473	.2336611

#1	.1758214	.0160325	.0288056
#2	.1798246	.0168435	.0288966
#3	.1786182	.0166926	.0289375

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.348	2558.571	62567.64	8137.332	3973.466
Stddev	46.424	8.540	1132.78	83.211	12.781
%RSD	1.974360	.3337821	1.810490	1.022579	.3216477

#1	2300.274	2556.555	61345.17	8079.976	3971.719
#2	2362.787	2567.938	62775.92	8099.250	3987.031
#3	2390.984	2551.218	63581.82	8232.768	3961.649

Sample Name: J3145-10 Acquired: 6/1/2018 14:38:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1820623	-.025191	1.363409	-.108036	.0046905	134.7805	1.425758
Stddev	.0056400	.003482	.007255	.004854	.0010327	.1664	.002628
%RSD	3.097814	13.82229	.5320993	4.492563	22.01764	.1234760	.1843535

#1	.1776229	-.021592	1.357417	-.110702	.0042868	134.6088	1.424767
#2	.1801554	-.025440	1.361334	-.102434	.0039206	134.9411	1.428738
#3	.1884084	-.028542	1.371475	-.110972	.0058641	134.7916	1.423769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212663	.0047793	46.93815	.8753332	.1591076	.3541772	603.4024
Stddev	.0000681	.0002839	.08577	.0017502	.0008146	.0019621	.9273
%RSD	.3203128	5.939959	.1827213	.1999437	.5120084	.5539842	.1536802

#1	.0212241	.0049950	46.98826	.8736634	.1583428	.3522148	603.2544
#2	.0212299	.0044577	46.83912	.8751823	.1590156	.3541779	604.3948
#3	.0213449	.0048852	46.98707	.8771540	.1599643	.3561390	602.5580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.48790	17.52531	.1382419	-.024667	2.817475	.9405375	4.129130
Stddev	.01633	.04657	.0011935	.000414	.109743	.0072517	.063328
%RSD	.1421813	.2657503	.8633732	1.679837	3.895071	.7710144	1.533685

#1	11.49835	17.48542	.1369006	-.025072	2.936568	.9330348	4.191718
#2	11.49628	17.57649	.1386380	-.024684	2.720430	.9475090	4.130585
#3	11.46908	17.51401	.1391870	-.024244	2.795428	.9410687	4.065087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.639141	1.066542	.7034375	.0112478	2.813513	3.124293	.0712709
Stddev	.053122	.003841	.0083550	.0002213	.004070	.010636	.0009530
%RSD	1.145086	.3600912	1.187733	1.967217	.1446667	.3404253	1.337121

#1	4.582436	1.066634	.7109007	.0113978	2.816802	3.119970	.0701952
#2	4.647234	1.062656	.7050003	.0109937	2.808961	3.116499	.0720096
#3	4.687752	1.070335	.6944115	.0113520	2.814776	3.136409	.0716079

Sample Name: J3145-10 Acquired: 6/1/2018 14:38:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.010548	.0804139	.1566204
Stddev	.004439	.0013462	.0001790
%RSD	.4392643	1.674061	.1143163

#1	1.006077	.0795472	.1567071
#2	1.014954	.0819648	.1567395
#3	1.010614	.0797298	.1564145

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.926	2698.395	67483.44	9106.200	3708.267
Stddev	13.929	11.724	161.35	5.452	16.255
%RSD	.5576043	.4344919	.2390949	.0598668	.4383578

#1	2482.891	2703.363	67356.72	9100.708	3716.575
#2	2500.499	2706.817	67665.08	9111.610	3718.690
#3	2510.390	2685.004	67428.52	9106.284	3689.537

Sample Name: J3145-11 Acquired: 6/1/2018 14:42:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1946985	-.026878	1.978511	-.083439	.0032838	184.3724
Stddev	.0011541	.005300	.013844	.008403	.0024860	.2802
%RSD	.5927616	19.71874	.6997015	10.07117	75.70466	.1519855

#1	.1948711	-.026342	1.967595	-.089306	.0037165	184.2412
#2	.1934678	-.032426	1.994082	-.087199	.0006098	184.1819
#3	.1957565	-.021867	1.973855	-.073812	.0055249	184.6942

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.940605	.0285003	.0145885	F 931.4043	.4384074	.1412962
Stddev	.007197	.0001002	.0000688	2.4828	.0013227	.0012005
%RSD	.2447619	.3515764	.4712479	.2665666	.3016948	.8496605

#1	2.948492	.0284161	.0146263	933.2598	.4399241	.1405849
#2	2.934392	.0286112	.0146300	928.5839	.4374932	.1426823
#3	2.938930	.0284737	.0145091	932.3691	.4378051	.1406215

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3713892	396.7831	13.21606	240.4343	.1568435	-.019918
Stddev	.0018510	2.5997	.09340	1.3947	.0015450	.000259
%RSD	.4984039	.6551963	.7067308	.5800658	.9850837	1.299062

#1	.3725437	393.8270	13.11808	238.8563	.1555203	-.019623
#2	.3692542	397.8087	13.22603	240.9449	.1585414	-.020106
#3	.3723696	398.7136	13.30409	241.5017	.1564687	-.020025

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.292820	.4582964	4.002819	17.85941	1.178996	.5025256
Stddev	.087686	.0052072	.033241	.08840	.013376	.0090702
%RSD	1.393435	1.136207	.8304402	.4949834	1.134553	1.804927

#1	6.330620	.4550672	4.007711	17.90667	1.165464	.4921968
#2	6.192573	.4643035	3.967403	17.75743	1.192211	.5061881
#3	6.355266	.4555184	4.033343	17.91414	1.179314	.5091919

Sample Name: J3145-11 Acquired: 6/1/2018 14:42:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140300	21.16436	4.508358	.0569615	2.668812	.2210709
Stddev	.0007638	.25008	.013008	.0009479	.013834	.0008680
%RSD	5.444261	1.181595	.2885379	1.664054	.5183653	.3926463

#1	.0147765	20.93386	4.510049	.0562324	2.661758	.2218753
#2	.0140637	21.43024	4.520439	.0566190	2.659926	.2201508
#3	.0132499	21.12897	4.494587	.0580330	2.684751	.2211866

Elem	Sr4077
Units	ppm
Avg	1.412187
Stddev	.002454
%RSD	.1737746

#1	1.413624
#2	1.409354
#3	1.413585

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2416.852	2604.408	66108.22	9379.221	3104.334
Stddev	11.438	8.887	176.18	7.185	22.429
%RSD	.4732525	.3412450	.2665050	.0766052	.7225165

#1	2403.863	2608.777	65913.31	9385.100	3122.470
#2	2425.420	2594.182	66155.21	9371.212	3079.254
#3	2421.272	2610.265	66256.15	9381.352	3111.279

Sample Name: J3145-12 Acquired: 6/1/2018 14:46:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2607041	-.003720	1.681948	-.126392	.0084713	162.3372
Stddev	.0075059	.001072	.001294	.003655	.0031372	8.6556
%RSD	2.879095	28.80908	.0769341	2.892086	37.03356	5.331862

#1	.2638773	-.002884	1.682240	-.122174	.0118427	172.3263
#2	.2661023	-.004928	1.683071	-.128370	.0079335	157.0548
#3	.2521327	-.003348	1.680533	-.128633	.0056378	157.6305

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.679384	.0287027	.0036191	86.47138	.7089663	.3236134
Stddev	.246540	.0012176	.0015664	4.53294	.0082476	.0006037
%RSD	5.268648	4.242216	43.28136	5.242127	1.163327	.1865484

#1	4.963936	.0300971	.0018324	91.70244	.6997195	.3231383
#2	4.529711	.0278491	.0047561	83.69921	.7116160	.3234092
#3	4.544504	.0281620	.0042689	84.01248	.7155634	.3242927

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3354959	756.7173	F 40.49121	17.10072	.2739312	-.028809
Stddev	.0232232	41.4657	2.14517	.88633	.0005018	.004462
%RSD	6.922056	5.479687	5.297863	5.183020	.1831929	15.48971

#1	.3622348	804.4999	42.96528	18.12065	.2743950	-.023662
#2	.3203680	730.1762	39.14940	16.51730	.2740001	-.031172
#3	.3238850	735.4757	39.35896	16.66420	.2733985	-.031593

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.616458	.7544292	2.882632	8.901835	.9526257	.8817555
Stddev	.105575	.0412428	.027774	.548100	.0039226	.0543521
%RSD	2.919299	5.466762	.9634824	6.157160	.4117615	6.164082

#1	3.700155	.8020451	2.912462	9.534665	.9534512	.9435129
#2	3.651371	.7299050	2.857519	8.577767	.9560698	.8411984
#3	3.497848	.7313374	2.877915	8.593074	.9483561	.8605551

Sample Name: J3145-12 Acquired: 6/1/2018 14:46:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK8 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277606	7.718834	4.958204	.0248954	.8729030	.0987636
Stddev	.0002908	.017628	.228093	.0016934	.0483002	.0056305
%RSD	1.047506	.2283798	4.600324	6.801983	5.533287	5.700972

#1	.0275492	7.727111	5.221540	.0241395	.9285876	.1052417
#2	.0280922	7.730800	4.830687	.0237116	.8423545	.0960019
#3	.0276404	7.698590	4.822386	.0268351	.8477668	.0950472

Elem	Sr4077
Units	ppm
Avg	.3690799
Stddev	.0189079
%RSD	5.122976

#1	.3908738
#2	.3570536
#3	.3593122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.948	2855.425	72655.88	9607.161	3583.195
Stddev	9.565	1.225	90.00	415.342	2.339
%RSD	.3582391	.0429087	.1238763	4.323256	.0652850

#1	2680.680	2854.086	72710.65	9127.585	3585.575
#2	2662.323	2855.701	72704.98	9850.698	3580.899
#3	2666.841	2856.489	72552.00	9843.200	3583.112

Sample Name: J3145-13 Acquired: 6/1/2018 14:50:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2908450	-.034334	3.765091	-.105389	.0060706	175.6825	4.317280
Stddev	.0046158	.005735	.002010	.005812	.0012704	1.2960	.029444
%RSD	1.587021	16.70293	.0533726	5.515099	20.92626	.7377221	.6819952

#1	.2856805	-.032206	3.767390	-.106366	.0064550	177.1781	4.350721
#2	.2945681	-.040829	3.764213	-.099150	.0071044	174.9808	4.295250
#3	.2922864	-.029967	3.763669	-.110651	.0046524	174.8887	4.305868

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292993	.0472794	339.7469	.9647244	.2296577	.4817954	528.5503
Stddev	.0001663	.0002993	2.3492	.0255658	.0008390	.0044864	3.7045
%RSD	.5674053	.6330613	.6914567	2.650066	.3653422	.9311775	.7008751

#1	.0294294	.0474967	342.3808	.9499656	.2303937	.4864238	532.2724
#2	.0293564	.0469380	337.8681	.9499624	.2287441	.4774660	528.5150
#3	.0291120	.0474035	338.9918	.9942453	.2298353	.4814963	524.8637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.86764	70.80976	.2197117	-.024195	5.975497	.6096813	7.597641
Stddev	.09078	.40484	.0008925	.001447	.253924	.0091604	.109542
%RSD	.6546287	.5717239	.4061991	5.982611	4.249418	1.502484	1.441791

#1	13.95832	71.23260	.2205600	-.022902	6.264256	.6165986	7.533803
#2	13.86785	70.77096	.2197943	-.023924	5.875179	.6131526	7.534994
#3	13.77676	70.42572	.2187808	-.025759	5.787058	.5992926	7.724128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.28236	1.729134	.7134772	.0198848	10.32606	6.961912	.0567488
Stddev	.17238	.005330	.0082918	.0001919	.00817	.049910	.0018695
%RSD	.9428828	.3082519	1.162160	.9651187	.0791056	.7168996	3.294325

#1	18.48121	1.732595	.7187036	.0200478	10.32633	7.012021	.0559314
#2	18.17537	1.722996	.7178114	.0196733	10.31776	6.912204	.0554272
#3	18.19049	1.731812	.7039166	.0199334	10.33409	6.961511	.0588878

Sample Name: J3145-13 Acquired: 6/1/2018 14:50:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEK9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.234596	.1951749	.9746962
Stddev	.015922	.0006356	.0071169
%RSD	.7125377	.3256606	.7301694

#1	2.252726	.1959089	.9827929
#2	2.228174	.1948102	.9694299
#3	2.222887	.1948058	.9718657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2574.643	2793.525	70468.80	9881.435	3406.630
Stddev	47.614	3.763	1092.75	52.940	11.455
%RSD	1.849331	.1347133	1.550680	.5357478	.3362570

#1	2616.255	2792.111	71135.89	9822.301	3396.661
#2	2584.956	2797.790	71062.79	9897.588	3419.143
#3	2522.718	2790.674	69207.71	9924.417	3404.086

Sample Name: J3145-14 Acquired: 6/1/2018 14:54:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723962	-.018531	.3156326	-.088526	.0048782	89.17989	1.625398
Stddev	.0039594	.008424	.0009273	.004030	.0016388	.86503	.015444
%RSD	5.469095	45.46248	.2937815	4.552887	33.59459	.9699853	.9501941

#1	.0678383	-.011234	.3156995	-.090048	.0056429	88.62850	1.617619
#2	.0749848	-.027750	.3146737	-.091574	.0029968	88.73430	1.615389
#3	.0743656	-.016607	.3165247	-.083956	.0059949	90.17688	1.643185

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178868	-.003170	12.38536	.3021390	.1162111	.0446489	498.7557
Stddev	.0002760	.000273	.03980	.0036254	.0003613	.0010146	4.9246
%RSD	1.542762	8.622793	.3213111	1.199897	.3109244	2.272318	.9873768

#1	.0176046	-.002912	12.35746	.3062775	.1162198	.0447124	494.7748
#2	.0178997	-.003141	12.36769	.3006151	.1165681	.0456302	497.2296
#3	.0181561	-.003456	12.43093	.2995243	.1158456	.0436040	504.2627

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.341524	9.131092	.0696680	-.021733	2.176544	.7617628	.2795058
Stddev	.090389	.034709	.0004134	.001511	.114704	.0044508	.0174346
%RSD	.9676078	.3801228	.5933784	6.953137	5.270022	.5842809	6.237652

#1	9.266018	9.091910	.0698352	-.023451	2.138392	.7584745	.2996326
#2	9.316873	9.143382	.0691971	-.021140	2.305462	.7599863	.2690545
#3	9.441682	9.157985	.0699715	-.020608	2.085777	.7668275	.2698304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.300107	.2277308	.5768428	.0044741	2.180145	6.256718	.0055931
Stddev	.040670	.0002735	.0028142	.0007549	.008539	.073229	.0011528
%RSD	13.55188	.1200817	.4878610	16.87164	.3916877	1.170412	20.61144

#1	-.257351	.2279403	.5765287	.0053413	2.187225	6.190251	.0068773
#2	-.338308	.2274215	.5741988	.0041157	2.170662	6.244683	.0046475
#3	-.304664	.2278307	.5798008	.0039651	2.182548	6.335219	.0052546

Sample Name: J3145-14 Acquired: 6/1/2018 14:54:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATM0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3647551	.0298114	.0530136
Stddev	.0040180	.0006563	.0004705
%RSD	1.101547	2.201528	.8874554

#1	.3618695	.0305625	.0526878
#2	.3630516	.0295234	.0528000
#3	.3693441	.0293483	.0535530

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.164	2676.103	66612.94	9042.364	3853.300
Stddev	28.582	3.281	641.30	93.284	8.656
%RSD	1.152412	.1226120	.9627197	1.031628	.2246427

#1	2447.536	2672.416	65873.25	9099.143	3849.291
#2	2500.775	2677.191	66952.75	9093.247	3863.234
#3	2492.181	2678.701	67012.82	8934.704	3847.376

Sample Name: J3145-15 Acquired: 6/1/2018 14:58:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2397841	.0225845	.9852152	-.163608	.0128841	114.9055
Stddev	.0059165	.0030871	.0013620	.005664	.0015753	3.4061
%RSD	2.467416	13.66895	.1382461	3.461632	12.22667	2.964302

#1	.2396605	.0219175	.9836547	-.162839	.0110671	114.9238
#2	.2339303	.0259506	.9861651	-.169617	.0138669	118.3024
#3	.2457613	.0198855	.9858257	-.158369	.0137183	111.4902

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.93296	.0261688	.0044641	89.52679	.2919989	.3776208
Stddev	.25525	.0004822	.0006891	2.73649	.0037341	.0003817
%RSD	1.973629	1.842562	15.43557	3.056612	1.278806	.1010772

#1	12.91828	.0261528	.0045618	89.50327	.2903670	.3778375
#2	13.19523	.0266588	.0037314	92.27496	.2893587	.3778449
#3	12.68537	.0256948	.0050991	86.80214	.2962712	.3771801

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2731299	F 889.7048	F 75.63407	49.19708	.1719138	-.037005
Stddev	.0057024	21.8819	1.76044	1.09125	.0009782	.002401
%RSD	2.087807	2.459452	2.327572	2.218121	.5690261	6.488948

#1	.2767297	890.3653	75.66649	49.22396	.1715003	-.036397
#2	.2761049	911.2489	77.37807	50.27464	.1712103	-.034967
#3	.2665552	867.5002	73.85764	48.09263	.1730309	-.039652

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.821452	1.100475	1.972077	1.144378	.4415732	.9833226
Stddev	.322758	.030781	.017241	.070614	.0005451	.0272669
%RSD	8.445950	2.797072	.8742550	6.170523	.1234477	2.772935

#1	3.921563	1.101814	1.968023	1.191966	.4409588	.9769391
#2	4.082292	1.130565	1.990984	1.177925	.4419989	1.013215
#3	3.460501	1.069046	1.957224	1.063244	.4417618	.959814

Sample Name: J3145-15 Acquired: 6/1/2018 14:58:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166685	3.954718	7.383335	.0223836	.6569455	.0800955
Stddev	.0002583	.020450	.180409	.0022963	.0185024	.0041310
%RSD	1.549642	.5170993	2.443465	10.25887	2.816434	5.157541

#1	.0164330	3.932845	7.407983	.0247238	.6597262	.0794395
#2	.0166278	3.957950	7.550153	.0201339	.6739001	.0845152
#3	.0169448	3.973359	7.191869	.0222931	.6372100	.0763318

Elem	Sr4077
Units	ppm
Avg	.1563633
Stddev	.0051699
%RSD	3.306314

#1	.1561537
#2	.1616347
#3	.1513014

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.495	2681.066	68628.36	9319.358	3582.767
Stddev	7.675	6.375	360.10	200.766	2.109
%RSD	.3054580	.2377633	.5247121	2.154287	.0588675

#1	2521.353	2682.256	69018.48	9304.429	3580.719
#2	2508.303	2674.180	68557.90	9126.474	3582.651
#3	2507.830	2686.761	68308.70	9527.172	3584.932

Sample Name: J3145-16 Acquired: 6/1/2018 15:02:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747707	-.017325	.1705553	-.059925	-.001052	116.9415	.5458556
Stddev	.0013360	.002252	.0014919	.000936	.000691	.3365	.0044757
%RSD	1.786730	13.00018	.8747106	1.561520	65.67261	.2877659	.8199369

#1	.0732992	-.019921	.1691447	-.060243	-.001411	116.7796	.5439360
#2	.0751056	-.015896	.1704044	-.058872	-.000256	117.3283	.5509709
#3	.0759074	-.016157	.1721169	-.060661	-.001490	116.7164	.5426600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073257	-.003878	40.00743	.8871503	.0390365	.0349573	362.5226
Stddev	.0001934	.000088	.09654	.0085005	.0002663	.0003700	1.4468
%RSD	2.640086	2.270023	.2412953	.9581840	.6821078	1.058503	.3990951

#1	.0074732	-.003816	39.92748	.8968507	.0393024	.0345744	364.1915
#2	.0071068	-.003979	40.11467	.8810016	.0390372	.0353129	361.7538
#3	.0073973	-.003839	39.98013	.8835985	.0387699	.0349848	361.6226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.479963	20.28830	.0383666	-.014855	1.468546	.5258586	.1995988
Stddev	.009501	.18608	.0004312	.000693	.186610	.0022453	.0102946
%RSD	.6419507	.9171787	1.123989	4.662241	12.70714	.4269824	5.157665

#1	1.489545	20.49655	.0378993	-.015400	1.273020	.5276367	.2104330
#2	1.470546	20.23000	.0384516	-.015091	1.644734	.5233355	.1984179
#3	1.479798	20.13835	.0387491	-.014076	1.487882	.5266037	.1899456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.757491	.2610342	.4137871	.0072605	1.458139	4.254792	.0021568
Stddev	.009124	.0012763	.0007918	.0004585	.013387	.022481	.0007145
%RSD	.2428155	.4889427	.1913482	6.314445	.9180536	.5283799	33.12642

#1	3.755956	.2610382	.4145633	.0067315	1.460561	4.274675	.0027837
#2	3.767285	.2597558	.4138173	.0075062	1.443707	4.230397	.0023078
#3	3.749232	.2623084	.4129807	.0075437	1.470150	4.259305	.0013789

Sample Name: J3145-16 Acquired: 6/1/2018 15:02:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5757599	.0538312	.0665339
Stddev	.0111226	.0016799	.0002572
%RSD	1.931818	3.120610	.3865087

#1	.5685841	.0523522	.0664664
#2	.5885724	.0556576	.0668180
#3	.5701230	.0534837	.0663172

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.262	2446.605	61553.48	8267.096	3793.489
Stddev	21.105	5.555	585.59	39.885	12.262
%RSD	.9235334	.2270676	.9513471	.4824607	.3232400

#1	2261.118	2442.924	60886.09	8221.228	3787.331
#2	2294.463	2452.995	61981.30	8293.620	3807.610
#3	2300.205	2443.896	61793.04	8286.442	3785.527

Sample Name: J3145-17 Acquired: 6/1/2018 15:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567306	-.008685	.1734205	-.043184	.0034117	124.9374	.5934473
Stddev	.0026660	.002659	.0018622	.005043	.0002359	.6296	.0015614
%RSD	4.699436	30.61587	1.073824	11.67692	6.915518	.5038953	.2631005

#1	.0539229	-.006211	.1739015	-.046744	.0031503	125.0498	.5937214
#2	.0570410	-.011497	.1749951	-.037414	.0034760	125.5033	.5948535
#3	.0592278	-.008347	.1713650	-.045394	.0036088	124.2593	.5917670

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060136	-.002637	39.14597	.1973515	.0297403	.0510136	246.5141
Stddev	.0001986	.000124	.19638	.0007981	.0005469	.0004227	1.9217
%RSD	3.302067	4.711557	.5016673	.4043819	1.839013	.8285685	.7795632

#1	.0061089	-.002745	39.13545	.1968673	.0294987	.0505611	247.0146
#2	.0061467	-.002501	39.34740	.1982726	.0303665	.0513983	248.1360
#3	.0057854	-.002665	38.95506	.1969145	.0293558	.0510815	244.3916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.270812	20.41718	.0393896	-.009948	1.025213	.3443826	.2594727
Stddev	.007942	.21970	.0002108	.000067	.095200	.0057239	.0092697
%RSD	.6249392	1.076056	.5351398	.6703532	9.285833	1.662075	3.572494

#1	1.267586	20.49734	.0391482	-.010020	.919099	.3435065	.2663564
#2	1.279859	20.58554	.0394838	-.009935	1.103126	.3504940	.2489325
#3	1.264991	20.16865	.0395370	-.009889	1.053414	.3391473	.2631294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.259826	.2177966	.2861982	.0056936	1.043799	6.680516	.0042005
Stddev	.047351	.0038196	.0006332	.0003796	.016457	.076555	.0011658
%RSD	1.452561	1.753758	.2212512	6.667064	1.576613	1.145942	27.75315

#1	3.232305	.2156198	.2858321	.0059389	1.031644	6.663346	.0051899
#2	3.314502	.2222070	.2869294	.0052564	1.062526	6.764198	.0029153
#3	3.232672	.2155631	.2858331	.0058856	1.037227	6.614005	.0044962

Sample Name: J3145-17 Acquired: 6/1/2018 15:06:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATM3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3676276	.0597456	.0657179
Stddev	.0019909	.0011102	.0001880
%RSD	.5415432	1.858199	.2860692

#1	.3653292	.0584786	.0658241
#2	.3687383	.0605480	.0658288
#3	.3688153	.0602103	.0655008

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2299.417	2471.658	61829.85	8266.131	3828.600
Stddev	3.308	27.072	100.78	93.562	38.632
%RSD	.1438782	1.095307	.1629941	1.131873	1.009029

#1	2296.339	2476.652	61808.41	8231.724	3830.151
#2	2298.997	2442.436	61741.51	8194.645	3789.216
#3	2302.915	2495.885	61939.62	8372.026	3866.433

Sample Name: J3145-18 Acquired: 6/1/2018 15:10:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0814015	-.014166	.7710718	-.067539	.0034771	118.6719	1.386927
Stddev	.0020545	.003704	.0045426	.001149	.0006501	1.0915	.009428
%RSD	2.523924	26.14615	.5891269	1.700879	18.69517	.9197339	.6797782

#1	.0790638	-.009957	.7710804	-.066538	.0029804	119.8836	1.397198
#2	.0822208	-.015616	.7756101	-.068793	.0042128	117.7657	1.378667
#3	.0829200	-.016927	.7665249	-.067287	.0032381	118.3666	1.384917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136892	.0029788	122.5601	.3409379	.0964506	.2010562	363.1716
Stddev	.0000878	.0000647	.8045	.0045503	.0009289	.0018718	3.9505
%RSD	.6416183	2.170487	.6564199	1.334654	.9630340	.9309987	1.087773

#1	.0137904	.0029044	123.4808	.3435680	.0964210	.2028653	367.4605
#2	.0136445	.0030111	121.9929	.3435622	.0973939	.1991274	359.6816
#3	.0136328	.0030211	122.2065	.3356837	.0955369	.2011758	362.3727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.059414	55.39404	.0901269	-.014150	1.648636	.5097498	1.902036
Stddev	.134978	.68053	.0012107	.000671	.169258	.0045477	.031142
%RSD	1.489919	1.228529	1.343316	4.742099	10.26654	.8921498	1.637305

#1	9.205238	56.12404	.0889604	-.014359	1.818005	.5147814	1.937440
#2	8.938852	54.77715	.0913774	-.014691	1.479489	.5059325	1.878876
#3	9.034151	55.28093	.0900428	-.013399	1.648414	.5085354	1.889794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.361065	.9380492	.4295308	.0075376	3.753478	6.894183	.0814931
Stddev	.028608	.0017546	.0067492	.0003256	.009861	.052676	.0026583
%RSD	.5336167	.1870523	1.571300	4.320013	.2627115	.7640687	3.262015

#1	5.392733	.9378185	.4358169	.0072513	3.750892	6.953809	.0791600
#2	5.337093	.9364212	.4223983	.0074697	3.764375	6.874781	.0843871
#3	5.353368	.9399077	.4303771	.0078919	3.745169	6.853960	.0809321

Sample Name: J3145-18 Acquired: 6/1/2018 15:10:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATM4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5692786	.0631462	.1676191
Stddev	.0076473	.0000666	.0014182
%RSD	1.343340	.1054805	.8460533

#1	.5766480	.0632231	.1692269
#2	.5613807	.0631069	.1665461
#3	.5698071	.0631085	.1670843

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.382	2603.156	66480.70	9005.104	3636.152
Stddev	33.756	9.368	668.02	57.229	12.561
%RSD	1.376454	.3598539	1.004836	.6355138	.3454605

#1	2427.854	2607.245	65927.18	8939.095	3642.574
#2	2438.412	2592.439	66292.20	9035.413	3621.678
#3	2490.881	2609.784	67222.72	9040.803	3644.205

Sample Name: J3145-19 Acquired: 6/1/2018 15:14:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1987776	-.011223	1.524889	-.091972	.0034533	132.9387	1.910550
Stddev	.0046583	.001902	.020377	.002106	.0028210	.2951	.006504
%RSD	2.343491	16.94451	1.336325	2.289754	81.68884	.2220065	.3404266

#1	.2033617	-.013037	1.502381	-.090217	.0042369	133.0272	1.911970
#2	.1940484	-.011387	1.542082	-.094307	.0003234	132.6095	1.903453
#3	.1989228	-.009244	1.530205	-.091392	.0057998	133.1796	1.916227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227663	.0067552	119.6706	.5744843	.2977074	.3716283	483.7734
Stddev	.0000236	.0004110	.1954	.0017917	.0042445	.0042738	1.4547
%RSD	.1037834	6.084444	.1632861	.3118841	1.425734	1.150018	.3006984

#1	.0227842	.0063085	119.6539	.5724388	.2929968	.3734409	483.6162
#2	.0227751	.0071175	119.4841	.5752386	.3012347	.3667469	482.4037
#3	.0227395	.0068397	119.8739	.5757757	.2988907	.3746969	485.3004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.34379	15.90761	.1919446	-.019090	2.589347	.5170109	4.340099
Stddev	.09792	.04300	.0018473	.000427	.112486	.0043935	.030689
%RSD	.5062286	.2703415	.9624056	2.237572	4.344187	.8497791	.7071053

#1	19.27149	15.86605	.1900500	-.019566	2.490486	.5120402	4.304680
#2	19.30464	15.90485	.1937406	-.018741	2.565818	.5186182	4.358782
#3	19.45523	15.95193	.1920434	-.018963	2.711736	.5203744	4.356836

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.04988	1.323881	.5909331	.0176742	5.589006	9.061224	.0400511
Stddev	.02059	.019241	.0044432	.0003957	.075284	.043273	.0008191
%RSD	.1863304	1.453395	.7518915	2.238789	1.347004	.4775642	2.045177

#1	11.04432	1.301753	.5900370	.0172300	5.506251	9.110634	.0405603
#2	11.03265	1.336675	.5870062	.0179889	5.653437	9.042968	.0404868
#3	11.07268	1.333215	.5957560	.0178038	5.607329	9.030071	.0391062

Sample Name: J3145-19 Acquired: 6/1/2018 15:14:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9978353	.0892404	.4425229
Stddev	.0081878	.0012751	.0008409
%RSD	.8205511	1.428836	.1900189

#1	1.006107	.0896851	.4427175
#2	.989734	.0878025	.4416018
#3	.997665	.0902336	.4432494

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2571.387	2738.431	69831.05	9457.898	3606.600
Stddev	5.744	21.636	74.40	19.362	38.101
%RSD	.2233668	.7900725	.1065417	.2047177	1.056428

#1	2577.635	2762.053	69896.00	9435.796	3649.624
#2	2570.192	2719.577	69847.27	9471.866	3577.125
#3	2566.335	2733.663	69749.88	9466.032	3593.050

Sample Name: J3145-20 Acquired: 6/1/2018 15:18:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1859179	-.011232	1.094728	-.098433	.0037640	126.4834	1.884788
Stddev	.0067706	.001895	.002600	.006514	.0005809	.2097	.005437
%RSD	3.641730	16.87270	.2374886	6.617644	15.43232	.1657750	.2884918

#1	.1813388	-.009685	1.092538	-.099296	.0042870	126.2676	1.885101
#2	.1827197	-.013346	1.094044	-.104473	.0031388	126.4961	1.879201
#3	.1936952	-.010666	1.097601	-.091531	.0038662	126.6864	1.890063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274337	.0024971	90.17967	.7187560	.3798449	.2033933	523.9483
Stddev	.0000996	.0002041	.33163	.0012995	.0018560	.0017650	1.1840
%RSD	.3630599	8.171999	.3677389	.1808006	.4886327	.8677794	.2259846

#1	.0274192	.0025300	90.30442	.7188081	.3787477	.2039437	522.6081
#2	.0273421	.0022786	89.80376	.7200287	.3787991	.2014187	524.8526
#3	.0275397	.0026828	90.43082	.7174312	.3819878	.2048175	524.3842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.68212	9.503436	.1969974	-.021448	2.298488	.5765445	1.510334
Stddev	.03732	.052101	.0014372	.000261	.255790	.0060463	.028879
%RSD	.1453335	.5482348	.7295487	1.217717	11.12860	1.048722	1.912096

#1	25.64149	9.447230	.1964283	-.021168	2.539812	.5761433	1.497113
#2	25.71489	9.550118	.1959319	-.021686	2.030346	.5707087	1.490433
#3	25.68997	9.512960	.1986320	-.021490	2.325308	.5827815	1.543457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.595957	1.147333	.6105293	.0143780	2.767982	9.190400	.0216132
Stddev	.055286	.005138	.0055796	.0004737	.017646	.043905	.0006408
%RSD	.6431675	.4478598	.9138918	3.294719	.6375118	.4777312	2.964931

#1	8.539549	1.141771	.6058086	.0138459	2.753598	9.180588	.0211337
#2	8.598273	1.148324	.6166868	.0147540	2.762675	9.152230	.0213649
#3	8.650049	1.151904	.6090926	.0145340	2.787673	9.238381	.0223410

Sample Name: J3145-20 Acquired: 6/1/2018 15:18:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8368109	.0802879	.3071696
Stddev	.0013283	.0011836	.0003872
%RSD	.1587298	1.474244	.1260647

#1	.8378015	.0808407	.3071243
#2	.8373296	.0810940	.3068069
#3	.8353015	.0789290	.3075774

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.767	2977.539	75469.66	10267.78	3646.597
Stddev	1.453	7.850	238.20	13.70	6.987
%RSD	.0522655	.2636534	.3156221	.1333801	.1916082

#1	2779.357	2981.691	75455.28	10254.81	3653.457
#2	2780.683	2982.442	75238.97	10282.10	3646.845
#3	2782.260	2968.485	75714.72	10266.43	3639.489

Sample Name: J3145-21 Acquired: 6/1/2018 15:22:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2153973	-.013605	1.234594	-.092710	.0041252	140.8274	1.650024
Stddev	.0057107	.004825	.003963	.002219	.0015505	.3425	.002513
%RSD	2.651249	35.46497	.3210014	2.393941	37.58575	.2432294	.1522959

#1	.2203193	-.010238	1.233232	-.093944	.0054152	140.5586	1.652908
#2	.2091359	-.011444	1.231491	-.090148	.0045556	141.2131	1.648863
#3	.2167367	-.019132	1.239059	-.094039	.0024050	140.7106	1.648302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0250675	.0029120	69.98546	.7282492	.3908031	.2782434	523.6839
Stddev	.0002338	.0001537	.05258	.0015672	.0005344	.0037268	1.8205
%RSD	.9325363	5.277064	.0751367	.2152067	.1367422	1.339415	.3476290

#1	.0252309	.0030301	70.01043	.7265904	.3902617	.2825386	523.1012
#2	.0251718	.0027382	70.02090	.7284520	.3913302	.2758668	525.7243
#3	.0247997	.0029675	69.92504	.7297051	.3908175	.2763247	522.2260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.13983	9.508278	.1962944	-.021243	2.459030	.6120729	2.309103
Stddev	.07600	.059333	.0005591	.000845	.154525	.0089443	.009374
%RSD	.3432600	.6240104	.2848455	3.978443	6.283982	1.461317	.4059743

#1	22.12338	9.464805	.1957726	-.020863	2.281302	.6209188	2.313274
#2	22.22270	9.575872	.1962259	-.020654	2.561586	.6030333	2.315668
#3	22.07340	9.484158	.1968846	-.022212	2.534201	.6122665	2.298367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.913962	1.136464	.6165240	.0182869	2.301999	6.138145	.0358369
Stddev	.085718	.008719	.0040365	.0003038	.003544	.039176	.0011828
%RSD	.9616128	.7672304	.6547211	1.661093	.1539485	.6382417	3.300541

#1	9.007008	1.127867	.6134813	.0181853	2.298047	6.141600	.0372025
#2	8.838210	1.136225	.6149876	.0180469	2.303058	6.175479	.0351778
#3	8.896668	1.145301	.6211032	.0186284	2.304893	6.097356	.0351306

Sample Name: J3145-21 Acquired: 6/1/2018 15:22:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7693914	.0891488	.3422905
Stddev	.0035419	.0007396	.0001179
%RSD	.4603460	.8296676	.0344463

#1	.7656539	.0883474	.3424248
#2	.7726982	.0892937	.3422426
#3	.7698220	.0898052	.3422041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.904	2881.686	72970.29	9845.591	3696.756
Stddev	6.548	3.352	135.79	45.959	5.273
%RSD	.2432311	.1163141	.1860859	.4667980	.1426327

#1	2698.334	2884.396	73030.50	9837.827	3693.129
#2	2685.245	2882.722	72814.81	9804.008	3702.804
#3	2692.131	2877.938	73065.56	9894.937	3694.334

Sample Name: J3145-22 Acquired: 6/1/2018 15:26:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2098419	-.011273	1.266677	-.096770	.0011271	138.5834	2.171803
Stddev	.0079277	.004342	.006913	.002921	.0026427	.0740	.002341
%RSD	3.777928	38.51366	.5457245	3.018023	234.4813	.0533693	.1077763

#1	.2089380	-.009974	1.266806	-.098473	.0041779	138.6483	2.171390
#2	.2024049	-.016115	1.259701	-.098440	-.000456	138.5990	2.174323
#3	.2181827	-.007729	1.273524	-.093398	-.000340	138.5029	2.169697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246179	.0023984	71.68651	.6716951	.3714500	.2301690	543.6399
Stddev	.0001509	.0002859	.24083	.0015556	.0013753	.0011081	1.9082
%RSD	.6130489	11.92156	.3359450	.2315887	.3702616	.4814153	.3510034

#1	.0246849	.0020732	71.46659	.6714872	.3703771	.2291778	542.9152
#2	.0247237	.0026106	71.94386	.6733442	.3709724	.2313653	542.2002
#3	.0244451	.0025112	71.64908	.6702539	.3730004	.2299641	545.8043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.09919	10.50779	.2263645	-.023112	2.511884	.6492217	1.908002
Stddev	.11431	.01535	.0003430	.000506	.129114	.0059173	.030861
%RSD	.4743448	.1460563	.1515238	2.187765	5.140112	.9114424	1.617476

#1	24.02727	10.50823	.2259685	-.023568	2.549685	.6437893	1.894464
#2	24.03929	10.52291	.2265664	-.023200	2.368089	.6483488	1.943318
#3	24.23101	10.49222	.2265587	-.022568	2.617879	.6555269	1.886223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.586478	.7947093	.6303957	.0179108	2.350943	6.502963	.0200666
Stddev	.014913	.0035775	.0064467	.0001891	.005120	.008398	.0004236
%RSD	.1555638	.4501648	1.022647	1.055540	.2177881	.1291445	2.111079

#1	9.583143	.7952910	.6303058	.0177934	2.356698	6.498358	.0202587
#2	9.573515	.7908766	.6239945	.0181289	2.346893	6.512656	.0195810
#3	9.602776	.7979603	.6368870	.0178100	2.349239	6.497873	.0203602

Sample Name: J3145-22 Acquired: 6/1/2018 15:26:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8219770	.0904992	.2773265
Stddev	.0016983	.0003413	.0004052
%RSD	.2066160	.3771336	.1460975

#1	.8201461	.0901928	.2775318
#2	.8222842	.0908671	.2775879
#3	.8235008	.0904378	.2768598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.421	2855.837	72164.88	9742.471	3662.708
Stddev	5.355	9.595	275.06	29.801	10.982
%RSD	.2008419	.3359736	.3811551	.3058889	.2998412

#1	2661.106	2857.403	72373.15	9764.150	3664.335
#2	2666.342	2864.552	71853.08	9708.488	3672.786
#3	2671.816	2845.555	72268.41	9754.776	3651.003

Sample Name: J3145-23 Acquired: 6/1/2018 15:30:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2597836	-.017328	2.902695	-.079041	.0030832	116.5533	3.139212
Stddev	.0033335	.002199	.059422	.005951	.0023023	.6140	.005981
%RSD	1.283194	12.69182	2.047124	7.528959	74.67172	.5267618	.1905274

#1	.2575643	-.016076	2.837802	-.072295	.0045973	117.1958	3.142647
#2	.2636170	-.016041	2.915839	-.083548	.0004338	116.4916	3.142683
#3	.2581697	-.019867	2.954444	-.081279	.0042186	115.9726	3.132306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228643	.0285094	214.8909	.5546296	.2330753	.5949786	431.7349
Stddev	.0000581	.0009626	.3920	.0030042	.0048020	.0041175	4.4829
%RSD	.2539453	3.376379	.1824091	.5416655	2.060271	.6920440	1.038350

#1	.0227989	.0274181	214.8451	.5520408	.2276450	.5978017	436.6091
#2	.0228844	.0288726	214.5239	.5539243	.2348191	.5968801	430.8073
#3	.0229096	.0292376	215.3038	.5579237	.2367617	.5902540	427.7884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.11375	15.06644	.2063234	-.015309	2.584128	.4107485	5.547800
Stddev	.18669	.06933	.0049430	.000551	.067162	.0091882	.017143
%RSD	1.158590	.4601946	2.395748	3.597323	2.599019	2.236943	.3089973

#1	16.32507	15.11759	.2006547	-.015040	2.579830	.4140755	5.558080
#2	16.04497	15.09420	.2085811	-.014943	2.519219	.4003602	5.557310
#3	15.97121	14.98753	.2097344	-.015942	2.653336	.4178098	5.528011

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.05354	2.309378	.5683132	.0147018	8.031354	7.064303	.0768673
Stddev	.05272	.048597	.0080234	.0008003	.162817	.029189	.0018021
%RSD	.4038871	2.104346	1.411802	5.443658	2.027265	.4131920	2.344404

#1	13.08606	2.253430	.5773708	.0137874	7.845606	7.070755	.0747875
#2	12.99271	2.333600	.5654713	.0152751	8.099082	7.032428	.0779642
#3	13.08185	2.341103	.5620975	.0150428	8.149375	7.089726	.0778503

Sample Name: J3145-23 Acquired: 6/1/2018 15:30:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATM9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.057453	.1029307	.7684350
Stddev	.007823	.0012198	.0023015
%RSD	.7398415	1.185036	.2995031

#1	1.065331	.1043130	.7705671
#2	1.057344	.1024739	.7687427
#3	1.049685	.1020053	.7659951

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.040	2837.243	72672.01	9904.900	3601.775
Stddev	4.495	39.025	150.26	36.421	62.192
%RSD	.1701799	1.375472	.2067683	.3677048	1.726712

#1	2646.192	2882.007	72796.28	9882.591	3672.184
#2	2637.916	2819.351	72714.74	9946.929	3578.811
#3	2639.014	2810.372	72505.01	9885.181	3554.330

Sample Name: PB109828BL Acquired: 6/1/2018 15:34:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0017976	.0002578	.0009373	-.000136	.0004540	-.007818	-.002485
Stddev	.0011146	.0018760	.0020375	.001814	.0006716	.005854	.000300
%RSD	62.00598	727.7975	217.3725	1333.760	147.9393	74.87517	12.06354

#1	.0024367	.0013581	-.000252	.000505	.0002803	-.010957	-.002825
#2	.0024454	.0013236	-.000226	.001270	.0011954	-.011433	-.002261
#3	.0005105	-.001908	.003290	-.002183	-.000114	-.001064	-.002368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	-.000091	.0024967	-.000226	.0002979	-.000747	.0074245
Stddev	.000021	.000025	.0056126	.000409	.0000989	.001762	.0043047
%RSD	32.27512	27.30773	224.7973	181.2908	33.21572	235.8218	57.98022

#1	-.000046	-.000119	-.003626	-.000679	.0002433	-.002248	.0097517
#2	-.000086	-.000072	.007397	-.000114	.0002382	.001193	.0100647
#3	-.000059	-.000081	.003719	.000116	.0004121	-.001186	.0024571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000264	.0248671	.0003271	.0001703	.0483487	.0070067	-.000982
Stddev	.000237	.0263295	.0000976	.0001190	.0457042	.0040338	.002663
%RSD	89.59064	105.8806	29.85033	69.89095	94.53032	57.57033	271.1309

#1	-.000473	.0481135	.0004209	.0002158	.0963191	.0030168	.001477
#2	-.000313	.0302129	.0003344	.0002598	.0434162	.0069204	-.003811
#3	-.000007	-.003725	.0002260	.0000352	.0053108	.0110830	-.000613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089850	-.000215	-.003455	-.000157	-.006416	-.004800	-.000662
Stddev	.0641143	.000072	.000518	.000269	.003204	.000103	.000720
%RSD	713.5695	33.48391	14.98808	171.5250	49.93658	2.151831	108.8523

#1	-.053663	-.000279	-.002945	.000153	-.006739	-.004918	-.001456
#2	.074471	-.000229	-.003980	-.000296	-.009447	-.004754	-.000479
#3	.006147	-.000137	-.003438	-.000327	-.003063	-.004728	-.000050

Sample Name: PB109828BL Acquired: 6/1/2018 15:34:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	-.001217	-.000513	-.000083
Stddev	.000722	.000778	.000043
%RSD	59.31627	151.7734	52.13348

#1	-.001888	-.001377	-.000098
#2	-.001307	.000132	-.000034
#3	-.000454	-.000293	-.000118

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.846	2441.601	59277.30	7919.517	4050.337
Stddev	59.281	18.803	1417.73	29.728	32.110
%RSD	2.665675	.7701071	2.391692	.3753736	.7927756

#1	2184.614	2420.319	58554.69	7902.770	4013.874
#2	2194.884	2455.966	58366.46	7953.840	4074.388
#3	2292.040	2448.517	60910.74	7901.940	4062.751

Sample Name: PB109828BS Acquired: 6/1/2018 15:38:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0146272	.0476714	.0200547	.0687912	F .0531030	.4012502
Stddev	.0020612	.0022559	.0007055	.0017986	.0007728	.0166305
%RSD	14.09177	4.732193	3.517701	2.614585	1.455357	4.144676

#1	.0143972	.0480620	.0197752	.0700985	.0537436	.4138247
#2	.0167938	.0497065	.0195318	.0667400	.0533206	.3823937
#3	.0126906	.0452457	.0208571	.0695352	.0522446	.4075322

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4081777	.0095486	.0091069	10.05307	.0225489	.0889690
Stddev	.0130332	.0002028	.0000926	.31493	.0004541	.0003338
%RSD	3.193023	2.123443	1.017253	3.132665	2.013730	.3751330

#1	.4182976	.0096564	.0092055	10.28989	.0224820	.0892737
#2	.3934713	.0093148	.0090217	9.69567	.0230327	.0886123
#3	.4127644	.0096747	.0090936	10.17365	.0221320	.0890211

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498736	.2548729	.0250855	9.381876	.0765095	.0192466
Stddev	.0018286	.0204633	.0010293	.300409	.0004494	.0002255
%RSD	3.666489	8.028813	4.103343	3.202012	.5874059	1.171715

#1	.0497690	.2753493	.0262721	9.539714	.0762736	.0190278
#2	.0480995	.2548465	.0244321	9.035448	.0762272	.0192338
#3	.0517523	.2344228	.0245523	9.570465	.0770278	.0194782

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.755769	.1095723	.1226366	8.454042	F .0089807	F .0163183
Stddev	.292791	.0001565	.0127767	.293120	.0002738	.0010789
%RSD	3.001204	.1428460	10.41837	3.467213	3.048517	6.611869

#1	9.909170	.1096534	.1308184	8.588139	.0091347	.0165046
#2	9.418152	.1096716	.1079137	8.117860	.0086646	.0151583
#3	9.939985	.1093919	.1291777	8.656126	.0091429	.0172919

Sample Name: PB109828BS Acquired: 6/1/2018 15:38:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0204101	.1496468	.1781694	F .0135482	.2021128	.0934317
Stddev	.0002865	.0021150	.0037656	.0006390	.0075533	.0031441
%RSD	1.403675	1.413339	2.113507	4.716271	3.737154	3.365136

#1	.0207404	.1485714	.1807008	.0132351	.2050944	.0951446
#2	.0202616	.1520834	.1738420	.0131263	.1935239	.0898031
#3	.0202284	.1482855	.1799655	.0142834	.2077203	.0953474

Elem	Sr4077
Units	ppm
Avg	.2030366
Stddev	.0059776
%RSD	2.944115

#1	.2073660
#2	.1962163
#3	.2055274

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.641	2464.138	61315.06	8161.369	4054.691
Stddev	14.269	5.279	275.11	212.566	15.614
%RSD	.6237280	.2142272	.4486753	2.604533	.3850844

#1	2272.761	2462.882	61058.06	8010.052	4047.192
#2	2288.955	2469.931	61281.84	8404.394	4072.640
#3	2301.208	2459.600	61605.26	8069.661	4044.242

Sample Name: CCV098 Acquired: 6/1/2018 15:46:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.135333	4.759203	23.57638	5.065429	F 2.268643	F 357.9881
Stddev	.038159	.013670	.07284	.019831	.005467	1.7631
%RSD	.7430721	.2872425	.3089645	.3914890	.2409914	.4924950

#1	5.091311	4.746980	23.50938	5.043199	2.263233	356.0470
#2	5.155719	4.756666	23.56583	5.081300	2.274166	358.4271
#3	5.158970	4.773965	23.65392	5.071787	2.268529	359.4903

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44602	.5020494	2.363240	372.4990	15.72542	2.342403
Stddev	.04644	.0043700	.008763	2.1085	.03422	.008096
%RSD	.4445481	.8704335	.3707838	.5660388	.2176180	.3456209

#1	10.39267	.4970114	2.355084	370.0671	15.68598	2.334229
#2	10.46800	.5043217	2.362131	373.8153	15.74726	2.342562
#3	10.47739	.5048151	2.372504	373.6146	15.74302	2.350418

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.36171	F 354.5014	F 11.38519	370.8396	2.398917	1.247753
Stddev	.11894	2.5372	.08656	2.8259	.003616	.001315
%RSD	.7742595	.7156966	.7602549	.7620264	.1507350	.1053728

#1	15.22505	351.6940	11.28852	367.6916	2.394744	1.248588
#2	15.41822	355.1799	11.41153	371.6698	2.400869	1.248433
#3	15.44185	356.6303	11.45551	373.1574	2.401138	1.246237

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 355.8920	2.499282	15.72402	156.3253	F 7.003964	5.111515
Stddev	1.5214	.023279	.04030	.7661	.047209	.037613
%RSD	.4275012	.9314177	.2563069	.4900958	.6740380	.7358543

#1	354.4796	2.472622	15.68375	155.4442	6.962818	5.068659
#2	355.6934	2.509639	15.76436	156.6975	6.993570	5.126840
#3	357.5030	2.515585	15.72396	156.8343	7.055505	5.139047

Sample Name: CCV098 Acquired: 6/1/2018 15:46:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.056971	5.047789	4.911821	4.772705	5.013892	5.192881
Stddev	.025485	.015941	.034509	.013492	.025824	.018985
%RSD	.5039479	.3157977	.7025805	.2826921	.5150521	.3655952

#1	5.028004	5.046176	4.872103	4.757164	4.985334	5.171225
#2	5.066970	5.032716	4.928892	4.779527	5.020742	5.200760
#3	5.075941	5.064475	4.934467	4.781424	5.035601	5.206658

Elem	Sr4077
Units	ppm
Avg	5.158762
Stddev	.031152
%RSD	.6038729

#1	5.123414
#2	5.170658
#3	5.182213

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.850	2049.820	53627.24	7644.475	3086.342
Stddev	4.734	9.378	84.31	24.418	9.153
%RSD	.2466991	.4574888	.1572159	.3194180	.2965656

#1	1913.809	2059.876	53702.12	7670.726	3094.257
#2	1919.539	2048.269	53643.68	7622.439	3088.449
#3	1923.201	2041.314	53535.92	7640.262	3076.319

Sample Name: CCB098 Acquired: 6/1/2018 15:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002536	.0001346	.0026920	-.000642	.0011735	-.000753	-.002733
Stddev	.002519	.0016668	.0015946	.002324	.0011241	.008375	.000135
%RSD	99.32235	1238.089	59.23313	361.7642	95.78956	1112.426	4.951160

#1	-.003109	.0020370	.0010262	-.003144	.0012547	.002958	-.002611
#2	-.004720	-.001069	.0042042	-.000233	.0000110	-.010343	-.002709
#3	.000220	-.000564	.0028456	.001449	.0022548	.005126	-.002878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000030	.0021145	.0000286	.0003203	-.002256	.0114525
Stddev	.000031	.000057	.0054415	.0002493	.0002612	.001890	.0074924
%RSD	141.6942	188.3003	257.3371	871.6197	81.52622	83.75802	65.42107

#1	-.000002	-.000092	.0059846	.0002926	.0006118	-.004272	.0047157
#2	-.000006	.000019	-.004107	-.000203	.0001077	-.001971	.0195217
#3	-.000058	-.000018	.004466	-.000004	.0002415	-.000525	.0101203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000923	.0196223	.0003894	.0006940	.0655431	.0043942	-.001395
Stddev	.000522	.0460542	.0003568	.0004380	.0070222	.0028089	.002920
%RSD	56.49315	234.7033	91.61929	63.11106	10.71384	63.92395	209.2513

#1	-.000327	-.032234	.0004585	.0001894	.0671039	.0050782	.001509
#2	-.001293	.055757	.0000032	.0009167	.0716534	.0013064	-.004331
#3	-.001151	.035345	.0007067	.0009760	.0578718	.0067979	-.001364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538515	-.000363	.0046480	.0001574	-.010756	-.005743	.0006164
Stddev	.0110315	.000390	.0003401	.0000917	.003777	.000253	.0006009
%RSD	20.48506	107.2820	7.317034	58.25001	35.11481	4.409739	97.49512

#1	.0470995	.000048	.0043113	.0001106	-.006458	-.006035	.0012941
#2	.0665817	-.000727	.0046413	.0000986	-.012268	-.005612	.0004063
#3	.0478732	-.000412	.0049914	.0002630	-.013544	-.005582	.0001486

Sample Name: CCB098 Acquired: 6/1/2018 15:50:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000809	.0011418	-.000006
Stddev	.000507	.0007392	.000036
%RSD	62.58772	64.73808	588.0763

#1	-.001369	.0003679	-.000001
#2	-.000676	.0018404	-.000045
#3	-.000383	.0012171	.000027

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.861	2428.447	60479.85	7975.567	4030.662
Stddev	1.333	33.968	318.62	37.832	53.174
%RSD	.0587356	1.398768	.5268277	.4743533	1.319229

#1	2270.397	2433.718	60776.56	7946.950	4042.168
#2	2268.018	2392.152	60519.89	8018.460	3972.678
#3	2268.167	2459.472	60143.09	7961.290	4077.142

Sample Name: J3211-01 Acquired: 6/1/2018 15:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAWF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0917817	-.004283	2.415050	-.006654	.0004055	12.62377	.6022297
Stddev	.0035147	.001129	.014127	.001221	.0008045	.09507	.0015434
%RSD	3.829417	26.35923	.5849482	18.35226	198.4035	.7530955	.2562720

#1	.0902765	-.004435	2.415051	-.006853	.0005747	12.71195	.6039090
#2	.0892703	-.003086	2.400923	-.005346	-.000470	12.63631	.6008735
#3	.0957984	-.005328	2.429176	-.007764	.001112	12.52305	.6019066

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009127	.0026237	297.2871	.1822880	.0172686	1.670288	24.06685
Stddev	.0000174	.0000427	.7366	.0010411	.0001540	.005083	.09523
%RSD	1.902777	1.626681	.2477809	.5711293	.8914827	.3042930	.3956797

#1	.0009227	.0026704	298.1314	.1819261	.0170913	1.676155	24.17681
#2	.0009228	.0026141	296.9541	.1814761	.0173687	1.667485	24.01300
#3	.0008926	.0025867	296.7758	.1834617	.0173458	1.667224	24.01076

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.160179	99.32392	.0242497	.0000575	.4463115	.3960592	.8297094
Stddev	.010771	.79164	.0003395	.0003955	.2706253	.0094141	.0034512
%RSD	.9283909	.7970293	1.400039	688.0605	60.63597	2.376946	.4159530

#1	1.170589	99.61273	.0240278	.0005002	.4084380	.4012216	.8292623
#2	1.160869	99.93060	.0240807	-.000067	.7338786	.4017627	.8333624
#3	1.149080	98.42842	.0246405	-.000261	.1966179	.3851932	.8265035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.965275	.1525657	.0665510	.0137006	5.270573	2.274382	-.001402
Stddev	.041362	.0012495	.0008005	.0003576	.044756	.012227	.000966
%RSD	1.043102	.8190094	1.202879	2.610512	.8491654	.5375785	68.94550

#1	4.013027	.1530211	.0674101	.0140104	5.279715	2.272402	-.002517
#2	3.942152	.1511523	.0664171	.0133092	5.221952	2.287477	-.000858
#3	3.940645	.1535236	.0658259	.0137821	5.310052	2.263265	-.000829

Sample Name: J3211-01 Acquired: 6/1/2018 15:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAWF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2356984	.0368331	.8111109
Stddev	.0013294	.0004557	.0021844
%RSD	.5640102	1.237206	.2693058

#1	.2372183	.0368992	.8132065
#2	.2351242	.0372521	.8112788
#3	.2347526	.0363480	.8088475

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.318	2310.717	58443.72	8016.934	3614.518
Stddev	4.474	8.888	140.09	57.089	17.024
%RSD	.2091431	.3846576	.2396975	.7121061	.4709927

#1	2143.858	2308.770	58369.06	7957.318	3609.437
#2	2139.183	2320.417	58605.32	8022.378	3633.504
#3	2134.913	2302.963	58356.77	8071.106	3600.613

Sample Name: J3211-02 Acquired: 6/1/2018 15:58:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1430857	-.011583	2.506491	-.061310	.0055193	130.2672	2.109869
Stddev	.0004112	.007991	.007457	.001448	.0017020	.2847	.007120
%RSD	.2873544	68.98732	.2974904	2.361779	30.83748	.2185726	.3374574

#1	.1430654	-.020808	2.502955	-.062578	.0074306	130.0740	2.115141
#2	.1426851	-.007125	2.501461	-.061621	.0041671	130.5942	2.112696
#3	.1435067	-.006816	2.515058	-.059732	.0049603	130.1334	2.101770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146266	.0209398	238.7298	.3665102	.0966069	.9895485	340.2023
Stddev	.0001212	.0002101	.4593	.0007179	.0003667	.0062657	1.5105
%RSD	.8285333	1.003506	.1923955	.1958795	.3795436	.6331824	.4439993

#1	.0145866	.0211821	239.1196	.3667651	.0963573	.9944894	338.4773
#2	.0145305	.0208296	238.8462	.3670658	.0964355	.9916551	340.8418
#3	.0147628	.0208076	238.2235	.3656996	.0970278	.9825010	341.2879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84310	80.20923	.2930866	-.011386	2.539515	.4264152	5.265406
Stddev	.06700	.43437	.0006387	.000342	.064664	.0025855	.046435
%RSD	.6178803	.5415426	.2179330	3.004702	2.546311	.6063413	.8818791

#1	10.76577	79.76814	.2935302	-.011660	2.569991	.4252177	5.301468
#2	10.87990	80.22299	.2923545	-.011497	2.583310	.4246456	5.281739
#3	10.88363	80.63655	.2933752	-.011003	2.465245	.4293824	5.213012

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.352513	1.107165	.4377280	.0188528	6.430486	9.164801	.1091962
Stddev	.050404	.001733	.0059571	.0000647	.012516	.019777	.0015899
%RSD	.9416894	.1565123	1.360905	.3432566	.1946380	.2157921	1.456027

#1	5.403307	1.108151	.4310570	.0188106	6.441268	9.162828	.1090183
#2	5.351722	1.108179	.4425161	.0188205	6.433430	9.146084	.1108676
#3	5.302509	1.105164	.4396110	.0189273	6.416761	9.185490	.1077027

Sample Name: J3211-02 Acquired: 6/1/2018 15:58:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEX5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9799776	.0940476	.3907935
Stddev	.0031589	.0006318	.0005762
%RSD	.3223425	.6717913	.1474357

#1	.9769350	.0943730	.3903542
#2	.9797567	.0944505	.3914458
#3	.9832411	.0933195	.3905804

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.028	2579.445	65933.72	9133.071	3515.356
Stddev	13.337	7.126	176.95	19.583	4.496
%RSD	.5531715	.2762441	.2683771	.2144218	.1279102

#1	2402.420	2578.030	65893.27	9142.183	3514.085
#2	2404.274	2587.171	65780.50	9110.592	3520.351
#3	2426.391	2573.132	66127.39	9146.437	3511.632

Sample Name: J3211-03 Acquired: 6/1/2018 16:02:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1163025	.0028043	.4327193	-.136283	.0087567	124.1599
Stddev	.0064476	.0060953	.0031606	.004287	.0017663	.2964
%RSD	5.543853	217.3535	.7304115	3.145924	20.17056	.2386864

#1	.1213324	-.000057	.4291427	-.141144	.0069620	123.8662
#2	.1185413	.009804	.4338783	-.133038	.0088149	124.1545
#3	.1090339	-.001334	.4351367	-.134668	.0104931	124.4589

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.552840	.0250510	-.004397	8.818983	.2757576	.3161340
Stddev	.014500	.0001378	.000377	.021490	.0016642	.0010331
%RSD	.2212836	.5500724	8.579685	.2436733	.6035207	.3267764

#1	6.553785	.0248951	-.004686	8.841934	.2775874	.3152028
#2	6.537890	.0251565	-.004534	8.815679	.2753513	.3159538
#3	6.566844	.0251015	-.003970	8.799338	.2743341	.3172453

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099327	790.9022	F 46.05805	9.440026	.1029966	-.030271
Stddev	.0031518	2.3814	.14000	.085343	.0008547	.000584
%RSD	31.73127	.3010995	.3039698	.9040550	.8298366	1.927708

#1	.0065587	788.3355	45.89986	9.494552	.1029108	-.030932
#2	.0104383	791.3310	46.10833	9.341674	.1021881	-.029828
#3	.0128011	793.0400	46.16597	9.483852	.1038910	-.030053

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.130726	1.185979	.1454455	-.345378	.2580508	.8963190
Stddev	.092548	.006210	.0092153	.031940	.0012509	.0040967
%RSD	2.956117	.5235821	6.335929	9.247729	.4847506	.4570550

#1	3.135428	1.188799	.1421917	-.379195	.2567214	.8985645
#2	3.035917	1.190279	.1558463	-.341216	.2582266	.8988020
#3	3.220834	1.178860	.1382984	-.315723	.2592046	.8915906

Sample Name: J3211-03 Acquired: 6/1/2018 16:02:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEX6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033024	1.092460	2.564237	.0020047	.3452222	.0363152
Stddev	.0000877	.009021	.034027	.0010621	.0014854	.0017421
%RSD	2.656322	.8257641	1.326981	52.98242	.4302845	4.797142

#1	.0032742	1.082043	2.544279	.0030937	.3448944	.0349801
#2	.0032322	1.097657	2.544905	.0019485	.3439280	.0382858
#3	.0034008	1.097679	2.603526	.0009717	.3468441	.0356796

Elem	Sr4077
Units	ppm
Avg	.0784016
Stddev	.0001499
%RSD	.1911986

#1	.0782651
#2	.0785620
#3	.0783778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.295	2647.400	67633.38	9132.582	3718.297
Stddev	6.804	4.705	108.48	29.035	8.566
%RSD	.2730162	.1777243	.1603880	.3179276	.2303786

#1	2499.550	2650.575	67699.62	9134.158	3728.175
#2	2486.056	2649.630	67508.19	9160.796	3713.804
#3	2491.278	2641.995	67692.32	9102.790	3712.912

Sample Name: J3211-04 Acquired: 6/1/2018 16:06:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1304368	-.028011	1.029984	-.118395	.0105229	130.6275	2.425170
Stddev	.0034546	.000571	.005844	.002542	.0032381	.1026	.009472
%RSD	2.648476	2.036894	.5673762	2.146741	30.77206	.0785332	.3905532

#1	.1291084	-.028566	1.028070	-.116475	.0136091	130.5113	2.431858
#2	.1278436	-.027426	1.025337	-.121278	.0071517	130.6652	2.429320
#3	.1343584	-.028042	1.036545	-.117434	.0108080	130.7058	2.414331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220787	.0041290	138.3357	.3031542	.1731953	.4536059	615.3755
Stddev	.0000630	.0002693	.4780	.0016952	.0017874	.0033865	2.1009
%RSD	.2852453	6.522863	.3455248	.5591828	1.031998	.7465815	.3413956

#1	.0221255	.0043110	138.3930	.3046497	.1723070	.4543005	613.5399
#2	.0221034	.0038196	138.7825	.3035003	.1720261	.4565912	614.9198
#3	.0220071	.0042565	137.8317	.3013127	.1752528	.4499259	617.6668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.24051	45.78249	.1429250	-.026423	3.234347	.7936605	1.982991
Stddev	.06630	.08261	.0008672	.000412	.106622	.0065998	.029320
%RSD	.4655754	.1804478	.6067142	1.558085	3.296552	.8315641	1.478559

#1	14.18379	45.70886	.1432602	-.026775	3.127442	.7885550	1.966691
#2	14.22433	45.87183	.1419403	-.026523	3.234914	.8011130	1.965444
#3	14.31340	45.76679	.1435745	-.025970	3.340683	.7913134	2.016839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.191605	.6031246	.7327686	.0177734	3.407482	13.21284	.0300473
Stddev	.017827	.0056035	.0080962	.0005798	.005267	.01409	.0014868
%RSD	.8134243	.9290727	1.104877	3.262125	.1545641	.1066386	4.948201

#1	2.185349	.6027809	.7245486	.0176535	3.406865	13.22454	.0316922
#2	2.177750	.5977008	.7330221	.0172629	3.402551	13.21680	.0296503
#3	2.211717	.6088919	.7407351	.0184038	3.413030	13.19720	.0287992

Sample Name: J3211-04 Acquired: 6/1/2018 16:06:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEX7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8317912	.0826303	.2486948
Stddev	.0008778	.0008934	.0003340
%RSD	.1055262	1.081186	.1342866

#1	.8310201	.0834730	.2485592
#2	.8316071	.0827241	.2490752
#3	.8327465	.0816937	.2484500

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2467.345	2646.266	67868.08	9284.502	3566.389
Stddev	6.329	13.452	99.38	23.891	22.013
%RSD	.2564967	.5083253	.1464336	.2573209	.6172435

#1	2472.405	2638.266	67804.99	9308.602	3568.177
#2	2469.380	2661.796	67816.60	9284.079	3587.454
#3	2460.249	2638.735	67982.64	9260.826	3543.537

Sample Name: J3211-05 Acquired: 6/1/2018 16:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1527402	.0634334	1.074370	-.108623	.0082115	123.5891
Stddev	.0032205	.0032044	.004166	.003707	.0002811	.1089
%RSD	2.108484	5.051563	.3877851	3.412446	3.423448	.0881503

#1	.1535120	.0601561	1.072898	-.109459	.0080415	123.6396
#2	.1555047	.0635846	1.071141	-.104569	.0085360	123.4641
#3	.1492039	.0665595	1.079073	-.111839	.0080570	123.6637

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.21902	.0177456	.0068329	136.8541	.2374836	.3460047
Stddev	.15290	.0001821	.0001153	.4210	.0003041	.0027171
%RSD	1.251364	1.026420	1.686962	.3076086	.1280380	.7852907

#1	12.36475	.0178123	.0069631	136.3842	.2378037	.3469768
#2	12.05984	.0178851	.0067437	137.1968	.2374486	.3429353
#3	12.23248	.0175396	.0067919	136.9812	.2371986	.3481021

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3465399	607.6967	F 86.32336	47.34387	.1770500	-.027012
Stddev	.0068171	2.7621	.32199	.25394	.0010461	.000185
%RSD	1.967196	.4545170	.3730049	.5363668	.5908450	.6867039

#1	.3463808	609.1675	86.50193	47.60642	.1766937	-.027138
#2	.3534351	604.5105	85.95165	47.09953	.1762286	-.026799
#3	.3398037	609.4122	86.51650	47.32566	.1782277	-.027099

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.167624	.8214425	1.530394	1.885909	.5569379	.7210821
Stddev	.223418	.0034776	.012849	.018641	.0029081	.0099268
%RSD	7.053158	.4233514	.8395820	.9884097	.5221665	1.376647

#1	3.263732	.8214608	1.531594	1.865219	.5556896	.7224698
#2	3.326905	.8249109	1.516987	1.891114	.5548622	.7105345
#3	2.912235	.8179557	1.542600	1.901394	.5602618	.7302420

Sample Name: J3211-05 Acquired: 6/1/2018 16:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184129	3.164084	12.95490	.0242997	.7980691	.0970379
Stddev	.0004695	.004271	.09131	.0013902	.0003433	.0007189
%RSD	2.549727	.1349866	.7048443	5.721053	.0430118	.7408246

#1	.0189003	3.161901	13.02343	.0243610	.7979594	.0970213
#2	.0179637	3.169006	12.99003	.0256582	.7984538	.0977650
#3	.0183746	3.161347	12.85124	.0228798	.7977941	.0963275

Elem	Sr4077
Units	ppm
Avg	.2744480
Stddev	.0005756
%RSD	.2097174

#1	.2737842
#2	.2748078
#3	.2747521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.447	2593.930	66027.54	9100.938	3525.974
Stddev	2.594	14.156	434.26	38.368	24.219
%RSD	.1080623	.5457461	.6576989	.4215777	.6868648

#1	2398.216	2591.424	66289.71	9059.144	3523.751
#2	2403.293	2609.173	66266.64	9109.108	3551.228
#3	2399.831	2581.195	65526.28	9134.563	3502.944

Sample Name: J3211-06 Acquired: 6/1/2018 16:14:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0649473	-.006687	1.945071	-.048228	.0124671	59.58826
Stddev	.0037752	.002633	.019979	.002153	.0009095	.25479
%RSD	5.812714	39.37213	1.027160	4.464211	7.294805	.4275915

#1	.0692993	-.003981	1.940640	-.049515	.0134517	59.69582
#2	.0625538	-.009239	1.927680	-.045743	.0116586	59.29733
#3	.0629888	-.006841	1.966894	-.049427	.0122911	59.77164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.829165	.0066847	.0338958	84.86734	.5705948	.2458061
Stddev	.007512	.0001815	.0004521	.25356	.0014246	.0030400
%RSD	.2655062	2.714965	1.333721	.2987772	.2496694	1.236769

#1	2.837736	.0068923	.0338270	85.13878	.5689509	.2446128
#2	2.823726	.0066058	.0334822	84.63657	.5714687	.2435438
#3	2.826033	.0065561	.0343784	84.82666	.5713647	.2492618

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.870935	225.3022	7.857030	379.6410	F 5.027304	-.009150
Stddev	.007252	2.4180	.091390	3.8599	.058839	.000166
%RSD	.3876092	1.073208	1.163167	1.016728	1.170392	1.814136

#1	1.871524	225.7744	7.877396	379.9972	5.018624	-.008987
#2	1.863407	222.6829	7.757174	375.6154	4.973287	-.009143
#3	1.877875	227.4492	7.936519	383.3105	5.090001	-.009319

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.814241	.1531831	12.27899	5.125104	.4391427	.2889829
Stddev	.097098	.0047107	.13839	.062034	.0061302	.0072822
%RSD	5.352017	3.075191	1.127061	1.210401	1.395943	2.519935

#1	1.925315	.1482660	12.25492	5.098581	.4337035	.2868553
#2	1.745473	.1576559	12.15422	5.080740	.4379394	.2830015
#3	1.771936	.1536275	12.42785	5.195991	.4457854	.2970919

Sample Name: J3211-06 Acquired: 6/1/2018 16:14:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545171	2.670325	10.70790	.0901495	.5027221	.0555649
Stddev	.0007347	.040960	.06166	.0023219	.0047599	.0011025
%RSD	1.347643	1.533895	.5758330	2.575634	.9468186	1.984148

#1	.0537536	2.643378	10.77517	.0894517	.5057992	.0564319
#2	.0545786	2.650136	10.65407	.0882564	.4972395	.0543241
#3	.0552191	2.717460	10.69445	.0927402	.5051274	.0559388

Elem	Sr4077
Units	ppm
Avg	.2246661
Stddev	.0004295
%RSD	.1911679

#1	.2251262
#2	.2242758
#3	.2245964

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.649	2356.817	60101.85	8266.956	3485.383
Stddev	7.991	22.605	14.15	53.203	38.520
%RSD	.3624608	.9591530	.0235490	.6435680	1.105174

#1	2195.736	2360.753	60116.48	8216.334	3489.677
#2	2211.173	2377.196	60088.22	8322.411	3521.576
#3	2207.037	2332.502	60100.86	8262.123	3444.897

Sample Name: J3211-07 Acquired: 6/1/2018 16:18:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284517	.0051566	.9758498	-.015732	-.005021	58.05074
Stddev	.0009971	.0036458	.0021138	.001738	.001894	.21666
%RSD	3.504671	70.70159	.2166131	11.04649	37.72621	.3732205

#1	.0277812	.0011737	.9740798	-.014923	-.003289	57.80065
#2	.0279763	.0059673	.9781903	-.017727	-.004731	58.18126
#3	.0295976	.0083288	.9752793	-.014547	-.007044	58.17032

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.088233	.0094446	.0963972	215.8831	2.017597	.3099745
Stddev	.007515	.0000074	.0003362	.9184	.001558	.0011631
%RSD	.2433404	.0788565	.3487849	.4254236	.0772396	.3752236

#1	3.087883	.0094451	.0960874	214.9357	2.018053	.3091446
#2	3.095917	.0094369	.0963494	216.7695	2.015861	.3094749
#3	3.080900	.0094518	.0967547	215.9440	2.018877	.3113039

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.787939	229.6380	21.18482	536.0631	F 6.104682	-.009583
Stddev	.005738	1.6193	.16841	3.7691	.023516	.000784
%RSD	.3209103	.7051596	.7949505	.7031113	.3852188	8.183976

#1	1.784488	227.9531	21.01552	532.0865	6.104679	-.009607
#2	1.794562	229.7782	21.18662	536.5196	6.081168	-.010355
#3	1.784766	231.1826	21.35233	539.5832	6.128201	-.008787

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.702536	.0983088	1.689498	6.133348	.2588138	.3269944
Stddev	.141492	.0029030	.017108	.019638	.0010508	.0022334
%RSD	5.235537	2.952954	1.012625	.3201791	.4060042	.6830105

#1	2.818589	.0949731	1.674608	6.111124	.2580950	.3252515
#2	2.544916	.0996894	1.685701	6.148359	.2600197	.3262197
#3	2.744104	.1002639	1.708186	6.140561	.2583265	.3295120

Sample Name: J3211-07 Acquired: 6/1/2018 16:18:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2210232	3.335292	20.46335	.0383846	.8228686	.0761431
Stddev	.0006211	.006257	.07006	.0020989	.0037231	.0013322
%RSD	.2810264	.1875914	.3423607	5.467966	.4524506	1.749554

#1	.2204409	3.334915	20.42923	.0404311	.8199836	.0748906
#2	.2216770	3.329233	20.41689	.0362371	.8270713	.0759961
#3	.2209518	3.341729	20.54393	.0384855	.8215509	.0775427

Elem	Sr4077
Units	ppm
Avg	.4066402
Stddev	.0010148
%RSD	.2495475

#1	.4057949
#2	.4077656
#3	.4063601

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.921	2298.047	59198.36	8191.161	3325.912
Stddev	5.637	2.276	67.35	36.252	3.786
%RSD	.2629101	.0990578	.1137616	.4425718	.1138186

#1	2144.844	2300.539	59258.05	8230.778	3329.305
#2	2137.879	2296.078	59125.35	8183.057	3326.602
#3	2149.039	2297.523	59211.66	8159.646	3321.829

Sample Name: J3211-08 Acquired: 6/1/2018 16:22:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299953	-.001528	.7755513	-.046324	-.002005	97.06189
Stddev	.0089557	.006565	.0017386	.001747	.002753	.14260
%RSD	29.85685	429.7352	.2241746	3.772328	137.2956	.1469116

#1	.0302165	-.004899	.7742187	-.047656	.000672	96.96801
#2	.0388383	.006038	.7749173	-.044345	-.004828	96.99168
#3	.0209311	-.005722	.7775180	-.046970	-.001859	97.22597

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.61506	.0039844	.0001588	40.88106	1.993744	.3338001
Stddev	.03004	.0000457	.0001330	.11663	.005136	.0019212
%RSD	.1457384	1.146742	83.72979	.2853028	.2576241	.5755459

#1	20.63570	.0039715	.0002326	40.97739	1.999343	.3319509
#2	20.62888	.0040351	.0000053	40.75138	1.989250	.3336636
#3	20.58059	.0039465	.0002385	40.91441	1.992640	.3357859

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.571222	224.2814	14.38461	623.6204	F 6.596066	-.006096
Stddev	.010749	.6541	.01222	.6372	.037412	.000185
%RSD	.2351506	.2916477	.0849284	.1021777	.5671806	3.037096

#1	4.559853	223.5670	14.37504	623.6470	6.564599	-.006038
#2	4.581220	224.4261	14.38041	622.9703	6.586168	-.006303
#3	4.572594	224.8509	14.39837	624.2439	6.637432	-.005947

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.47075	.0901958	2.422036	11.82313	.2990263	.3170936
Stddev	.02477	.0057717	.034421	.09042	.0021653	.0011733
%RSD	.1272409	6.399047	1.421175	.7647898	.7241286	.3700131

#1	19.45524	.0890164	2.409603	11.80748	.2975709	.3157448
#2	19.45768	.0851049	2.395558	11.74156	.2979933	.3178784
#3	19.49932	.0964660	2.460947	11.92036	.3015147	.3176575

Sample Name: J3211-08 Acquired: 6/1/2018 16:22:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1941644	1.369825	18.66212	.0967239	2.174595	.5020744
Stddev	.0016636	.018461	.09435	.0005928	.006320	.0022318
%RSD	.8568116	1.347704	.5055435	.6128977	.2906460	.4445101

#1	.1940741	1.360047	18.77100	.0969339	2.168460	.5001692
#2	.1925478	1.358309	18.60471	.0971831	2.174239	.5015242
#3	.1958714	1.391118	18.61064	.0960546	2.181086	.5045298

Elem	Sr4077
Units	ppm
Avg	.7954365
Stddev	.0012821
%RSD	.1611850

#1	.7949448
#2	.7944730
#3	.7968917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.015	2256.516	58030.98	8016.098	3378.608
Stddev	4.292	14.770	112.67	48.009	19.196
%RSD	.2030216	.6545292	.1941619	.5989029	.5681487

#1	2110.466	2262.613	57921.35	7960.694	3388.991
#2	2112.794	2267.261	58025.14	8045.422	3390.376
#3	2118.785	2239.674	58146.47	8042.179	3356.458

Sample Name: J3211-09 Acquired: 6/1/2018 16:26:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0329605	.0051719	.9874650	-.043870	-.001543	27.89307
Stddev	.0056725	.0015269	.0086948	.002880	.001749	.11243
%RSD	17.21007	29.52281	.8805203	6.565111	113.2979	.4030636

#1	.0320980	.0052866	.9814384	-.045063	-.003352	28.02044
#2	.0277685	.0035909	.9835241	-.040585	.000139	27.80765
#3	.0390148	.0066381	.9974324	-.045961	-.001417	27.85111

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.805702	.0030614	.0014904	23.58518	1.522067	.3759113
Stddev	.009055	.0001145	.0000389	.07922	.002854	.0029211
%RSD	.3227309	3.741219	2.611992	.3358778	.1875054	.7770623

#1	2.808383	.0031028	.0015285	23.62592	1.520829	.3745857
#2	2.795609	.0029320	.0014507	23.49388	1.520041	.3738881
#3	2.813113	.0031495	.0014920	23.63572	1.525331	.3792601

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.582088	230.9214	14.42969	F 714.5555	F 6.998070	-.008889
Stddev	.005003	1.9283	.11897	4.8682	.030980	.000345
%RSD	.3162138	.8350517	.8244957	.6812879	.4427002	3.882408

#1	1.587584	232.5005	14.53840	718.3900	6.991915	-.008497
#2	1.580882	231.4913	14.44807	716.1979	6.970628	-.009148
#3	1.577799	228.7724	14.30260	709.0785	7.031665	-.009021

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.935397	.0789512	4.531457	2.206273	.1841926	.2859901
Stddev	.254516	.0001404	.058594	.051007	.0004792	.0037054
%RSD	13.15057	.1778319	1.293047	2.311914	.2601490	1.295626

#1	1.644409	.0791099	4.591289	2.226070	.1847232	.2859928
#2	2.116567	.0789008	4.528896	2.148335	.1837916	.2896941
#3	2.045214	.0788430	4.474185	2.244413	.1840629	.2822834

Sample Name: J3211-09 Acquired: 6/1/2018 16:26:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1297089	1.407159	20.77135	.0365069	.5954532	.0442178
Stddev	.0004954	.013776	.03154	.0012795	.0040466	.0008775
%RSD	.3819477	.9789795	.1518498	3.504923	.6795844	1.984377

#1	.1300364	1.409420	20.80580	.0369699	.5988945	.0450420
#2	.1291390	1.392393	20.74389	.0350603	.5964699	.0443161
#3	.1299514	1.419664	20.76436	.0374905	.5909952	.0432954

Elem	Sr4077
Units	ppm
Avg	.1321047
Stddev	.0004192
%RSD	.3173495

#1	.1324837
#2	.1321760
#3	.1316544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.425	2239.732	57489.68	7950.026	3420.414
Stddev	4.672	6.156	51.88	39.596	13.172
%RSD	.2227468	.2748659	.0902450	.4980626	.3850900

#1	2093.407	2236.602	57448.68	7904.329	3419.457
#2	2102.551	2246.825	57472.34	7974.177	3434.038
#3	2096.315	2235.770	57548.01	7971.571	3407.747

Sample Name: J3211-10 Acquired: 6/1/2018 16:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488357	-.006738	2.010745	-.079660	.0041561	73.13081
Stddev	.0044095	.001215	.011817	.003955	.0015482	.18709
%RSD	9.029292	18.03702	.5877081	4.964879	37.25178	.2558250

#1	.0469007	-.008128	2.023845	-.084135	.0042774	73.33672
#2	.0457245	-.005877	2.000887	-.078212	.0056401	72.97126
#3	.0538819	-.006209	2.007503	-.076633	.0025508	73.08445

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.773617	.0105565	.0242964	448.3122	1.560883	.3316500
Stddev	.008001	.0001305	.0003544	1.4130	.004373	.0010431
%RSD	.1676167	1.236032	1.458807	.3151725	.2801442	.3145303

#1	4.779918	.0106320	.0240147	448.1540	1.565828	.3328207
#2	4.764615	.0104058	.0241801	446.9850	1.557529	.3308193
#3	4.776318	.0106316	.0246944	449.7976	1.559290	.3313100

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713690	F 389.5656	21.63579	F 509.9706	F 5.444270	-.017479
Stddev	.008928	.6637	.02164	.5265	.012373	.001196
%RSD	.5209963	.1703777	.1000422	.1032424	.2272597	6.840730

#1	1.722169	390.2933	21.65645	510.5383	5.453247	-.016186
#2	1.714528	388.9936	21.61328	509.4984	5.430157	-.018544
#3	1.704372	389.4098	21.63765	509.8750	5.449407	-.017706

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.473017	.1618929	9.344594	4.326732	.6371530	.4832647
Stddev	.033184	.0055449	.024784	.058601	.0016132	.0065705
%RSD	.9554763	3.425060	.2652248	1.354404	.2531832	1.359615

#1	3.500033	.1677150	9.318053	4.336428	.6388233	.4809243
#2	3.435976	.1612889	9.367135	4.379881	.6356037	.4906850
#3	3.483041	.1566746	9.348593	4.263888	.6370321	.4781848

Sample Name: J3211-10 Acquired: 6/1/2018 16:30:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1706680	5.800741	19.30324	.0893105	.7786015	.0830474
Stddev	.0006179	.035507	.09443	.0015197	.0043689	.0010037
%RSD	.3620460	.6121191	.4891918	1.701598	.5611268	1.208640

#1	.1708505	5.840935	19.32030	.0910636	.7826736	.0839837
#2	.1699794	5.773635	19.20145	.0885015	.7739865	.0819877
#3	.1711740	5.787654	19.38798	.0883665	.7791444	.0831707

Elem	Sr4077
Units	ppm
Avg	1.182095
Stddev	.003087
%RSD	.2611352

#1	1.185374
#2	1.179246
#3	1.181665

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.414	2266.350	58737.80	8257.604	3233.271
Stddev	1.445	7.682	235.65	24.774	8.882
%RSD	.0682960	.3389637	.4011898	.3000160	.2746914

#1	2116.722	2258.562	58514.86	8232.555	3224.454
#2	2115.657	2273.922	58984.38	8282.094	3242.215
#3	2113.863	2266.566	58714.15	8258.162	3233.145

Sample Name: J3211-11 Acquired: 6/1/2018 16:34:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0289510	-.007277	.9323152	-.056884	.0051587	49.71983
Stddev	.0038725	.004275	.0025765	.002317	.0017347	.18467
%RSD	13.37606	58.74182	.2763517	4.072462	33.62703	.3714173

#1	.0270723	-.008541	.9302792	-.054471	.0062114	49.62932
#2	.0334045	-.010778	.9314546	-.057091	.0031565	49.93230
#3	.0263762	-.002513	.9352118	-.059090	.0061081	49.59788

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.144261	.0070106	.0034710	41.08229	.9457877	.3065438
Stddev	.004972	.0000676	.0000826	.04762	.0021655	.0013235
%RSD	.1581426	.9640635	2.378629	.1159086	.2289660	.4317554

#1	3.140052	.0069734	.0035533	41.02957	.9435016	.3050473
#2	3.149747	.0070886	.0034714	41.12217	.9478081	.3070233
#3	3.142984	.0069698	.0033882	41.09513	.9460534	.3075607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.410508	274.6727	10.72789	F 556.6913	F 5.686072	-.010429
Stddev	.004719	.9647	.06242	2.3703	.017318	.000303
%RSD	.3345778	.3512216	.5818037	.4257859	.3045761	2.905956

#1	1.405361	274.7251	10.72862	556.5532	5.672653	-.010580
#2	1.414631	275.6102	10.78993	559.1276	5.679941	-.010626
#3	1.411531	273.6829	10.66511	554.3930	5.705622	-.010080

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.808190	.1912195	2.835492	1.999455	.1781791	.3319468
Stddev	.178302	.0021806	.019362	.012922	.0005538	.0023199
%RSD	9.860821	1.140365	.6828310	.6462745	.3107957	.6988733

#1	2.009616	.1928925	2.857106	2.001139	.1786282	.3327035
#2	1.670566	.1887533	2.829635	2.011452	.1775603	.3337939
#3	1.744388	.1920128	2.819735	1.985773	.1783487	.3293431

Sample Name: J3211-11 Acquired: 6/1/2018 16:34:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496002	.9684889	19.20224	.0434295	.4810491	.0399788
Stddev	.0001323	.0045796	.04309	.0016672	.0021165	.0006332
%RSD	.2667247	.4728649	.2244088	3.838899	.4399707	1.583741

#1	.0496602	.9633401	19.15392	.0416736	.4790299	.0392843
#2	.0494485	.9721075	19.23668	.0449910	.4832510	.0405239
#3	.0496919	.9700190	19.21614	.0436238	.4808662	.0401281

Elem	Sr4077
Units	ppm
Avg	.1491784
Stddev	.0001949
%RSD	.1306535

#1	.1490701
#2	.1494034
#3	.1490618

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.087	2339.703	60311.68	8288.999	3451.068
Stddev	4.295	6.107	250.12	26.811	11.563
%RSD	.1965470	.2610290	.4147094	.3234508	.3350550

#1	2186.316	2339.213	60041.77	8295.675	3458.709
#2	2180.312	2346.040	60357.63	8259.480	3456.730
#3	2188.634	2333.855	60535.63	8311.841	3437.766

Sample Name: J3211-12 Acquired: 6/1/2018 16:38:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0395322	.0202097	.7467237	-.091111	-.004047	64.73153
Stddev	.0035795	.0050143	.0092777	.001450	.001276	.30343
%RSD	9.054709	24.81126	1.242455	1.591817	31.54021	.4687569

#1	.0433733	.0259997	.7405806	-.090548	-.005521	65.04573
#2	.0389336	.0173123	.7573961	-.090026	-.003339	64.70871
#3	.0362897	.0173170	.7421944	-.092758	-.003282	64.44016

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.633344	.0099070	-.001204	119.5684	2.632875	.3848076
Stddev	.011702	.0002084	.000224	.4120	.013199	.0053561
%RSD	.4443620	2.103657	18.64486	.3445434	.5013307	1.391900

#1	2.645970	.0096841	-.001450	120.0060	2.618064	.3817306
#2	2.631199	.0100970	-.001010	119.5111	2.637168	.3909923
#3	2.622864	.0099400	-.001152	119.1881	2.643394	.3816999

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.492613	F 462.4608	F 46.81396	F 617.9706	F 6.751225	-.019106
Stddev	.012195	1.8243	.23285	2.1577	.081280	.000501
%RSD	.8170309	.3944865	.4973998	.3491660	1.203927	2.621827

#1	1.505737	464.5670	47.01371	620.4605	6.685282	-.018529
#2	1.481630	461.3748	46.86996	616.6465	6.842033	-.019432
#3	1.490473	461.4406	46.55822	616.8048	6.726361	-.019357

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.843504	.3879586	1.113309	3.020462	.2619464	.5427694
Stddev	.171411	.0048493	.020573	.045935	.0016273	.0085176
%RSD	6.028173	1.249963	1.847890	1.520803	.6212260	1.569290

#1	2.687611	.3929760	1.135822	3.058583	.2609783	.5506495
#2	3.027067	.3876028	1.095486	2.969462	.2638251	.5337325
#3	2.815833	.3832969	1.108619	3.033341	.2610358	.5439262

Sample Name: J3211-12 Acquired: 6/1/2018 16:38:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4698023	1.535058	22.36933	.0467156	.8863622	.0663243
Stddev	.0049302	.024039	.12214	.0006898	.0084734	.0005407
%RSD	1.049414	1.565997	.5460278	1.476540	.9559747	.8152253

#1	.4661256	1.516944	22.29594	.0472735	.8955182	.0657121
#2	.4754047	1.562330	22.51033	.0469289	.8847713	.0667365
#3	.4678767	1.525900	22.30173	.0459444	.8787970	.0665243

Elem	Sr4077
Units	ppm
Avg	.2542740
Stddev	.0012792
%RSD	.5030675

#1	.2556845
#2	.2539486
#3	.2531891

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.306	2339.381	61159.40	8464.339	3337.245
Stddev	14.180	23.712	192.34	29.825	39.124
%RSD	.6447528	1.013593	.3144889	.3523603	1.172336

#1	2206.560	2358.853	61198.74	8440.639	3368.370
#2	2208.392	2312.975	61329.02	8454.550	3293.326
#3	2182.966	2346.315	60950.43	8497.828	3350.039

Sample Name: J3211-13 Acquired: 6/1/2018 16:42:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1935524	-.015890	1.515808	-.068969	.0060734	89.61944
Stddev	.0064214	.002584	.002850	.003843	.0020824	.11994
%RSD	3.317651	16.26519	.1880364	5.572550	34.28697	.1338342

#1	.2004055	-.015747	1.512630	-.072661	.0036836	89.65957
#2	.1876742	-.013379	1.516657	-.064990	.0074982	89.48458
#3	.1925776	-.018542	1.518137	-.069257	.0070385	89.71417

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.845001	.0139922	.0221459	95.01752	.2832864	.0872704
Stddev	.002882	.0001006	.0002205	.16508	.0012509	.0002125
%RSD	.1562091	.7187010	.9955245	.1737318	.4415741	.2434815

#1	1.846167	.0140892	.0220014	94.94895	.2847261	.0870614
#2	1.847119	.0139989	.0220366	95.20583	.2824651	.0872637
#3	1.841719	.0138884	.0223996	94.89777	.2826680	.0874862

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7578684	F 380.5543	6.513490	24.06049	.1775162	-.013817
Stddev	.0023630	1.5051	.030579	.18010	.0006632	.000091
%RSD	.3118025	.3954988	.4694660	.7485380	.3735855	.6574693

#1	.7605907	380.4663	6.518531	23.90978	.1774902	-.013834
#2	.7566682	379.0952	6.480704	24.01176	.1768664	-.013899
#3	.7563463	382.1015	6.541235	24.25995	.1781920	-.013719

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.124661	.3612114	9.327305	6.485806	1.190495	.4936667
Stddev	.232092	.0020207	.119179	.030825	.010441	.0073305
%RSD	10.92373	.5594304	1.277747	.4752739	.8770314	1.484907

#1	2.366546	.3631094	9.358068	6.450889	1.187201	.4947320
#2	1.903791	.3590870	9.195759	6.509251	1.182098	.4858618
#3	2.103645	.3614378	9.428086	6.497277	1.202185	.5004062

Sample Name: J3211-13 Acquired: 6/1/2018 16:42:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167760	8.279647	5.267253	.0756194	.7944278	.0866756
Stddev	.0003820	.042587	.021419	.0018966	.0048444	.0005488
%RSD	2.277299	.5143634	.4066479	2.508081	.6097940	.6331817

#1	.0163349	8.289972	5.262683	.0766581	.7895173	.0866467
#2	.0170047	8.232846	5.290588	.0734304	.7945628	.0861417
#3	.0169883	8.316122	5.248487	.0767698	.7992032	.0872382

Elem	Sr4077
Units	ppm
Avg	.3055783
Stddev	.0003358
%RSD	.1098769

#1	.3059660
#2	.3053883
#3	.3053806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.579	2564.486	65675.53	8949.067	3680.639
Stddev	13.309	13.414	105.19	24.100	11.306
%RSD	.5574324	.5230719	.1601678	.2692968	.3071653

#1	2380.405	2571.148	65586.14	8971.084	3683.563
#2	2402.936	2573.264	65791.44	8923.320	3690.195
#3	2379.395	2549.045	65649.00	8952.798	3668.159

Sample Name: J3211-14 Acquired: 6/1/2018 16:46:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1976690	-.039325	.4395413	-.164798	.0137346	107.1786
Stddev	.0072990	.005072	.0025210	.005507	.0025838	.3046
%RSD	3.692536	12.89812	.5735458	3.341487	18.81213	.2841917

#1	.2060752	-.043248	.4419851	-.170829	.0160884	107.4424
#2	.1929389	-.041131	.4396892	-.163528	.0109700	106.8453
#3	.1939930	-.033598	.4369497	-.160038	.0141454	107.2482

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.610759	.0279048	-.004446	15.91105	.3931435	.1585067
Stddev	.002283	.0002500	.000323	.19976	.0012395	.0018757
%RSD	.1417095	.8960630	7.253462	1.255449	.3152802	1.183343

#1	1.612133	.0279595	-.004120	15.69882	.3919624	.1600886
#2	1.612020	.0281229	-.004454	16.09541	.3930340	.1564346
#3	1.608124	.0276319	-.004765	15.93893	.3944341	.1589970

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2765936	F 867.7417	12.80913	12.96757	.1004074	-.038099
Stddev	.0013427	5.7557	.09553	.12099	.0015346	.000434
%RSD	.4854381	.6632920	.7457703	.9329882	1.528355	1.140454

#1	.2751334	869.7797	12.84346	13.07067	.1013534	-.038591
#2	.2777751	861.2443	12.70119	12.83438	.0986368	-.037936
#3	.2768723	872.2010	12.88275	12.99767	.1012321	-.037769

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.934730	1.040919	.5549631	1.037632	.3001977	1.009727
Stddev	.068332	.007082	.0167655	.025470	.0034609	.029733
%RSD	1.736649	.6803405	3.021019	2.454614	1.152886	2.944695

#1	3.861460	1.044719	.5636547	1.023193	.3041522	1.029841
#2	3.996722	1.032748	.5356365	1.067040	.2977208	.975573
#3	3.946009	1.045289	.5655982	1.022662	.2987201	1.023766

Sample Name: J3211-14 Acquired: 6/1/2018 16:46:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454508	7.576899	4.084993	.0361629	.5694870	.0318606
Stddev	.0005118	.067398	.053117	.0003162	.0043279	.0003608
%RSD	1.126105	.8895176	1.300307	.8745000	.7599552	1.132355

#1	.0460330	7.648686	4.038220	.0362401	.5738653	.0317504
#2	.0450719	7.514979	4.142740	.0358151	.5652114	.0315677
#3	.0452474	7.567031	4.074017	.0364333	.5693842	.0322636

Elem	Sr4077
Units	ppm
Avg	.0934956
Stddev	.0001296
%RSD	.1385746

#1	.0935761
#2	.0933462
#3	.0935646

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.969	2676.066	67685.62	9237.970	3697.685
Stddev	4.222	26.133	57.61	68.086	38.030
%RSD	.1708648	.9765622	.0851136	.7370212	1.028468

#1	2466.150	2646.014	67647.82	9254.286	3654.608
#2	2472.741	2693.467	67657.11	9163.209	3726.605
#3	2474.016	2688.716	67751.92	9296.416	3711.843

Sample Name: J3211-15 Acquired: 6/1/2018 16:50:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2005665	-.032103	1.156234	-.103646	.0076540	120.6858
Stddev	.0019640	.003715	.004606	.001979	.0019843	.1798
%RSD	.9792388	11.57256	.3983242	1.909738	25.92521	.1489527

#1	.2008794	-.035735	1.152502	-.103178	.0099192	120.7208
#2	.2023553	-.028310	1.154819	-.105817	.0062226	120.4911
#3	.1984648	-.032264	1.161381	-.101943	.0068202	120.8455

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.471740	.0218220	.0032043	204.1228	.2966983	.1211575
Stddev	.001628	.0001751	.0000582	.1886	.0006804	.0005253
%RSD	.0658728	.8023738	1.815896	.0923945	.2293250	.4335511

#1	2.471660	.0218579	.0032500	204.1665	.2959161	.1216407
#2	2.470153	.0216317	.0032240	203.9162	.2970256	.1205984
#3	2.473406	.0219763	.0031388	204.2858	.2971532	.1212333

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3543148	F 531.2778	10.53690	54.66754	.1296206	-.022744
Stddev	.0024480	2.9468	.05515	.25766	.0004636	.000860
%RSD	.6909098	.5546711	.5234189	.4713286	.3576815	3.781679

#1	.3515213	533.1492	10.57937	54.86153	.1298291	-.023294
#2	.3553376	527.8809	10.47457	54.37519	.1290894	-.021753
#3	.3560855	532.8033	10.55677	54.76591	.1299435	-.023186

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.220991	.6499003	3.051343	5.823316	.5327809	.6485428
Stddev	.195206	.0026616	.013649	.016176	.0013049	.0140312
%RSD	6.060434	.4095353	.4473159	.2777873	.2449177	2.163493

#1	3.375840	.6468725	3.057712	5.832638	.5313940	.6594469
#2	3.285417	.6509579	3.060645	5.832673	.5339844	.6327129
#3	3.001715	.6518704	3.035674	5.804637	.5329643	.6534687

Sample Name: J3211-15 Acquired: 6/1/2018 16:50:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162078	5.955441	13.77891	.0407550	1.168136	.1072739
Stddev	.0001090	.036285	.03690	.0009873	.002196	.0003671
%RSD	.6723166	.6092680	.2677869	2.422451	.1879584	.3422277

#1	.0162650	5.917719	13.76425	.0416661	1.170108	.1069098
#2	.0160822	5.990093	13.75160	.0397061	1.168529	.1072680
#3	.0162763	5.958510	13.82089	.0408928	1.165770	.1076440

Elem	Sr4077
Units	ppm
Avg	.4750447
Stddev	.0009223
%RSD	.1941576

#1	.4761056
#2	.4745954
#3	.4744331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.790	2638.936	67549.08	9355.574	3555.978
Stddev	10.260	7.049	44.58	12.453	7.799
%RSD	.4179637	.2671197	.0659935	.1331116	.2193141

#1	2444.311	2636.537	67572.83	9341.235	3555.330
#2	2455.241	2646.872	67497.66	9363.689	3564.081
#3	2464.816	2633.400	67576.75	9361.796	3548.524

Sample Name: J3211-16 Acquired: 6/1/2018 16:54:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1842316	-.038491	1.170052	-.127111	.0102171	135.4532
Stddev	.0044191	.000964	.005032	.003255	.0040605	.3947
%RSD	2.398687	2.504544	.4300993	2.561072	39.74213	.2914140

#1	.1795886	-.037691	1.164377	-.126870	.0122331	135.2506
#2	.1883864	-.038220	1.171809	-.130481	.0055431	135.9081
#3	.1847198	-.039561	1.173971	-.123984	.0128749	135.2009

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.034283	.0289972	.0039260	274.4441	.3318521	.1548382
Stddev	.004411	.0004203	.0002972	.7704	.0007135	.0008766
%RSD	.1093282	1.449316	7.569749	.2806973	.2150062	.5661135

#1	4.038413	.0285315	.0039444	274.4920	.3310668	.1543098
#2	4.034800	.0293482	.0036200	275.1894	.3324604	.1543547
#3	4.029637	.0291120	.0042135	273.6509	.3320291	.1558500

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3352993	F 623.3837	13.04759	67.09503	.1184749	-.028433
Stddev	.0009547	4.0386	.11977	.35247	.0004994	.001046
%RSD	.2847376	.6478508	.9179517	.5253287	.4214999	3.678291

#1	.3357933	621.1863	12.98804	66.84665	.1187521	-.029429
#2	.3341988	628.0446	13.18547	67.49844	.1178984	-.027344
#3	.3359057	620.9203	12.96927	66.94000	.1187741	-.028526

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.047601	.7090893	3.397131	7.789203	.5963425	.7547268
Stddev	.121343	.0030776	.019044	.069464	.0018769	.0027845
%RSD	2.997907	.4340259	.5605764	.8918019	.3147370	.3689375

#1	4.032789	.7123982	3.392701	7.764428	.5960395	.7551940
#2	4.175671	.7085573	3.380692	7.867658	.5946354	.7572481
#3	3.934345	.7063123	3.417999	7.735522	.5983524	.7517383

Sample Name: J3211-16 Acquired: 6/1/2018 16:54:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATY8D Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170354	7.440805	14.68079	.0420215	1.339381	.1271133
Stddev	.0001809	.038419	.13961	.0024901	.009092	.0006243
%RSD	1.061815	.5163268	.9510026	5.925808	.6788037	.4911165

#1	.0172393	7.445868	14.58937	.0439879	1.340755	.1277983
#2	.0168942	7.400105	14.84149	.0428549	1.347708	.1269651
#3	.0169727	7.476441	14.61150	.0392215	1.329681	.1265764

Elem	Sr4077
Units	ppm
Avg	.6765579
Stddev	.0003508
%RSD	.0518544

#1	.6763915
#2	.6763212
#3	.6769610

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.604	2692.548	69313.55	9623.096	3458.333
Stddev	18.616	2.830	120.65	76.833	11.916
%RSD	.7429841	.1051110	.1740646	.7984220	.3445697

#1	2484.384	2691.755	69177.71	9637.822	3464.437
#2	2519.189	2695.690	69354.71	9539.966	3465.960
#3	2513.241	2690.199	69408.24	9691.500	3444.601

Sample Name: J3211-17 Acquired: 6/1/2018 16:58:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2718775	.0750405	1.191482	-.009584	.0981229	130.7543
Stddev	.0008384	.0037475	.006191	.002737	.0032297	.1484
%RSD	.3083647	4.993963	.5196463	28.55857	3.291436	.1135267

#1	.2728355	.0745697	1.186237	-.008963	.1018522	130.9230
#2	.2715186	.0790012	1.189898	-.007211	.0962475	130.6962
#3	.2712783	.0715507	1.198312	-.012579	.0962690	130.6437

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.747683	.1244657	.1156808	236.5473	.7429915	1.273116
Stddev	.012642	.0005692	.0005204	.1408	.0024009	.005336
%RSD	.1631762	.4572928	.4498207	.0595117	.3231394	.4191364

#1	7.758806	.1238155	.1151908	236.7043	.7412797	1.269476
#2	7.733934	.1247074	.1156247	236.5053	.7419590	1.270632
#3	7.750308	.1248741	.1162269	236.4323	.7457360	1.279242

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8857748	F 574.5946	12.50321	60.14154	1.288697	.0762225
Stddev	.0011291	1.2873	.04006	.17870	.003443	.0010540
%RSD	.1274743	.2240437	.3203861	.2971293	.2671388	1.382787

#1	.8866316	575.9429	12.54504	60.29474	1.284980	.0761211
#2	.8861976	574.4626	12.49938	60.18464	1.289337	.0773236
#3	.8844953	573.3784	12.46520	59.94523	1.291775	.0752229

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.525170	1.750672	4.222555	6.725795	.5733546	.7018308
Stddev	.034056	.005013	.040583	.016318	.0025350	.0056063
%RSD	.9660677	.2863617	.9611061	.2426111	.4421298	.7988054

#1	3.495072	1.755358	4.238574	6.712754	.5727222	.7083035
#2	3.518303	1.751271	4.176407	6.744093	.5711958	.6986883
#3	3.562136	1.745386	4.252685	6.720539	.5761459	.6985006

Sample Name: J3211-17 Acquired: 6/1/2018 16:58:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167419	6.630422	14.07693	.0399634	1.239410	.1172664
Stddev	.0002094	.026059	.03216	.0018618	.001093	.0001898
%RSD	1.250929	.3930199	.2284541	4.658850	.0881766	.1618301

#1	.0165303	6.614765	14.03980	.0379406	1.240553	.1174233
#2	.0167463	6.615997	14.09475	.0403442	1.238376	.1173203
#3	.0169491	6.660504	14.09624	.0416053	1.239301	.1170554

Elem	Sr4077
Units	ppm
Avg	.5704706
Stddev	.0008242
%RSD	.1444774

#1	.5703228
#2	.5697303
#3	.5713587

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.587	2636.599	68106.05	9430.974	3475.886
Stddev	1.706	6.319	55.22	35.181	8.762
%RSD	.0691167	.2396695	.0810815	.3730410	.2520776

#1	2467.857	2640.715	68078.00	9445.103	3482.418
#2	2467.367	2639.758	68169.66	9390.924	3479.311
#3	2470.537	2629.323	68070.48	9456.895	3465.929

Sample Name: J3211-15LX5 Acquired: 6/1/2018 17:02:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526796	-.005359	.2400602	-.023378	.0015793	28.42418	.7285101
Stddev	.0031409	.003009	.0034717	.002090	.0020712	.01075	.0004030
%RSD	5.962257	56.14938	1.446158	8.939568	131.1496	.0378041	.0553199

#1	.0500326	-.007530	.2369421	-.022941	-.000812	28.43397	.7282350
#2	.0561502	-.001924	.2438011	-.025652	.002738	28.41268	.7283224
#3	.0518558	-.006621	.2394375	-.021541	.002811	28.42590	.7289727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061537	-.000246	54.93806	.0741587	.0267059	.0767971	136.9572
Stddev	.0000291	.000012	.08473	.0010458	.0002914	.0044711	.2504
%RSD	.4723843	4.811065	.1542324	1.410147	1.091086	5.821995	.1828295

#1	.0061437	-.000244	54.87760	.0731915	.0264957	.0753835	136.7164
#2	.0061864	-.000235	55.03491	.0752684	.0265834	.0818041	137.2162
#3	.0061309	-.000258	54.90166	.0740160	.0270385	.0732036	136.9391

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.781044	13.93790	.0251241	-.005209	.8926847	.1632952	.7084520
Stddev	.002323	.12032	.0010920	.000475	.2204042	.0033074	.0191828
%RSD	.0835163	.8632602	4.346566	9.114933	24.69004	2.025433	2.707710

#1	2.780803	13.86092	.0240386	-.005565	.6398092	.1596848	.6863087
#2	2.783478	13.87623	.0262226	-.005392	.9942530	.1640220	.7190367
#3	2.778851	14.07655	.0251111	-.004670	1.043992	.1661787	.7200106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.463273	.1117771	.1676428	.0035575	1.314149	3.399750	.0081635
Stddev	.065428	.0013391	.0008509	.0002041	.023485	.012654	.0004426
%RSD	4.471327	1.197994	.5075409	5.736050	1.787094	.3721959	5.421413

#1	1.475285	.1106673	.1686188	.0037839	1.306244	3.385178	.0081913
#2	1.521862	.1132645	.1672519	.0035005	1.340567	3.407967	.0077077
#3	1.392671	.1113997	.1670576	.0033879	1.295637	3.406104	.0085915

Sample Name: J3211-15LX5 Acquired: 6/1/2018 17:02:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2868386	.0246453	.1318009
Stddev	.0013658	.0009608	.0004939
%RSD	.4761398	3.898462	.3747075

#1	.2855092	.0245598	.1316151
#2	.2882380	.0256459	.1323607
#3	.2867687	.0237301	.1314268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.185	2459.857	62229.25	8381.605	3835.548
Stddev	7.901	29.243	379.86	22.876	47.725
%RSD	.3423071	1.188794	.6104266	.2729293	1.244272

#1	2314.009	2473.149	62293.43	8394.020	3856.655
#2	2299.191	2426.329	61821.39	8355.206	3780.909
#3	2311.354	2480.092	62572.94	8395.590	3869.080

Sample Name: J3211-18 Acquired: 6/1/2018 17:06:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3072311	-.010716	3.281189	-.054581	.0066380	71.93062
Stddev	.0010642	.001559	.022967	.001370	.0006342	.38297
%RSD	.3463775	14.54385	.6999578	2.509418	9.553988	.5324218

#1	.3075788	-.011463	3.259559	-.056134	.0073696	71.49255
#2	.3060365	-.008925	3.278716	-.053543	.0062996	72.20202
#3	.3080779	-.011761	3.305292	-.054067	.0062447	72.09729

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.023437	.0097934	.0115849	101.2737	.2644497	.0770845
Stddev	.002393	.0001421	.0002841	.4267	.0025003	.0005482
%RSD	.1182820	1.450953	2.452225	.4213014	.9454884	.7111878

#1	2.020676	.0097143	.0112617	100.7811	.2672436	.0769854
#2	2.024720	.0099574	.0116979	101.5164	.2636831	.0765926
#3	2.024916	.0097084	.0117951	101.5238	.2624225	.0776755

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.892742	F 307.6440	5.976616	47.43940	.2703239	-.010084
Stddev	.006848	2.4225	.054540	.51793	.0018442	.000364
%RSD	.3617772	.7874363	.9125486	1.091772	.6822149	3.608186

#1	1.894388	304.8577	5.913652	46.91250	.2682079	-.010456
#2	1.898616	309.2512	6.009216	47.94787	.2711745	-.009729
#3	1.885221	308.8231	6.006979	47.45782	.2715892	-.010066

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.491831	.3058309	4.316487	4.918957	.8364320	.3962095
Stddev	.148411	.0028641	.011416	.062639	.0050547	.0024454
%RSD	9.948258	.9364852	.2644643	1.273414	.6043151	.6172043

#1	1.646888	.3036641	4.309380	4.869546	.8315430	.3935144
#2	1.351105	.3090780	4.310427	4.897919	.8361155	.3968274
#3	1.477499	.3047506	4.329655	4.989406	.8416375	.3982867

Sample Name: J3211-18 Acquired: 6/1/2018 17:06:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATY9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197429	7.406982	4.738535	.0741147	.7236304	.0747252
Stddev	.0001564	.064594	.022052	.0010683	.0031874	.0014608
%RSD	.7921187	.8720687	.4653745	1.441413	.4404724	1.954921

#1	.0196764	7.347109	4.713759	.0734671	.7212179	.0730775
#2	.0199215	7.398400	4.756012	.0735293	.7272438	.0758616
#3	.0196307	7.475439	4.745835	.0753478	.7224295	.0752367

Elem	Sr4077
Units	ppm
Avg	.2567462
Stddev	.0007124
%RSD	.2774893

#1	.2559888
#2	.2574030
#3	.2568469

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2335.503	2498.399	64042.73	8741.127	3713.142
Stddev	7.840	14.074	393.38	68.020	21.126
%RSD	.3356886	.5633242	.6142408	.7781656	.5689637

#1	2326.727	2502.334	63588.88	8812.800	3727.904
#2	2337.968	2510.087	64253.56	8677.470	3722.580
#3	2341.815	2482.776	64285.76	8733.110	3688.942

Sample Name: J3211-19 Acquired: 6/1/2018 17:10:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2411267	.0205567	.8273205	-.250540	.0184265	139.0350
Stddev	.0107744	.0024512	.0249570	.010970	.0038725	.3491
%RSD	4.468368	11.92427	3.016611	4.378450	21.01570	.2510792

#1	.2366969	.0201917	.8138614	-.242311	.0142543	138.7821
#2	.2534099	.0183085	.8561180	-.262994	.0219056	138.8896
#3	.2332732	.0231700	.8119821	-.246316	.0191195	139.4333

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.70337	.0344851	-.002403	-2.51099	.3963761	.5243551
Stddev	.04236	.0002748	.000847	.06784	.0026877	.0157737
%RSD	.3957987	.7969906	35.24271	2.701632	.6780692	3.008206

#1	10.72612	.0344077	-.002819	-2.57483	.3992936	.5154144
#2	10.65450	.0342572	-.001429	-2.43976	.3958337	.5425680
#3	10.72950	.0347903	-.002962	-2.51838	.3940010	.5150829

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2715732	F 1264.573	F 90.29937	7.802908	.1864887	-.057340
Stddev	.0027716	8.054	.69740	.091030	.0056449	.001725
%RSD	1.020580	.6369211	.7723235	1.166623	3.026960	3.007957

#1	.2728580	1255.413	89.51203	7.697830	.1829181	-.058877
#2	.2734693	1267.760	90.54663	7.857804	.1929967	-.057668
#3	.2683923	1270.546	90.83947	7.853090	.1835514	-.055475

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059689	1.576468	.2781973	.1685237	.3457726	^ *****
Stddev	.090154	.012376	.0056741	.0128409	.0063329	-----
%RSD	1.781817	.7850681	2.039599	7.619615	1.831523	-----

#1	5.068032	1.562569	.2746015	.1831571	.3425717	^ -----
#2	5.145383	1.586297	.2752521	.1632771	.3530671	^ -----
#3	4.965654	1.580539	.2847385	.1591369	.3416792	^ -----

Sample Name: J3211-19 Acquired: 6/1/2018 17:10:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309792	8.721386	3.465859	.0253176	.7888477	.0484822
Stddev	.0006974	.217998	.006950	.0007318	.0053019	.0004823
%RSD	2.251354	2.499577	.2005148	2.890469	.6721106	.9947477

#1	.0309727	8.625413	3.461479	.0251711	.7829593	.0484867
#2	.0316799	8.970903	3.462226	.0246700	.7903407	.0479978
#3	.0302850	8.567840	3.473872	.0261115	.7932430	.0489623

Elem	Sr4077
Units	ppm
Avg	.1429943
Stddev	.0004543
%RSD	.3177310

#1	.1431645
#2	.1424795
#3	.1433390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.288	2647.024	68321.53	9350.561	3559.101
Stddev	9.782	47.325	126.01	20.550	82.852
%RSD	.3953559	1.787870	.1844319	.2197678	2.327894

#1	2472.170	2671.252	68188.14	9349.003	3608.443
#2	2484.956	2592.490	68438.55	9371.846	3463.448
#3	2465.739	2677.329	68337.89	9330.835	3605.412

Sample Name: CCV099 Acquired: 6/1/2018 17:14:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.144559	4.748083	23.59284	5.098908	F 2.238687	362.2832
Stddev	.021352	.023340	.02517	.028798	.011979	3.4209
%RSD	.4150455	.4915599	.1066865	.5647814	.5350763	.9442684

#1	5.141337	4.771202	23.59404	5.103903	2.231614	363.6235
#2	5.125001	4.724528	23.56709	5.067939	2.231929	358.3950
#3	5.167339	4.748518	23.61739	5.124881	2.252518	364.8310

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60303	.5005265	2.362891	376.4948	15.57864	2.348575
Stddev	.09946	.0030894	.003630	3.8903	.13725	.006137
%RSD	.9380325	.6172279	.1536317	1.033306	.8809844	.2613279

#1	10.63267	.5019717	2.362801	377.5519	15.43832	2.350364
#2	10.49212	.4969794	2.359307	372.1851	15.71259	2.341742
#3	10.68430	.5026285	2.366565	379.7473	15.58501	2.353620

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.56658	F 357.5631	F 11.47547	373.1216	2.399034	1.244290
Stddev	.17432	3.1934	.07727	4.0299	.002523	.011365
%RSD	1.119822	.8930934	.6733402	1.080057	.1051600	.9133540

#1	15.57242	359.2901	11.52160	374.7441	2.399326	1.231697
#2	15.38941	353.8781	11.38626	368.5333	2.396378	1.253785
#3	15.73790	359.5210	11.51854	376.0874	2.401398	1.247386

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	362.4074	2.523308	15.91902	158.7964	F 7.096007	5.132505
Stddev	3.8137	.037940	.04364	1.3673	.025878	.040722
%RSD	1.052320	1.503596	.2741095	.8610704	.3646770	.7934110

#1	364.3021	2.548360	15.93798	159.0720	7.118053	5.147187
#2	358.0174	2.479657	15.86912	157.3122	7.067516	5.086478
#3	364.9026	2.541908	15.94997	160.0049	7.102452	5.163849

Sample Name: CCV099 Acquired: 6/1/2018 17:14:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.079854	5.037427	4.912799	4.774475	5.075940	5.276770
Stddev	.018184	.023223	.040862	.011215	.049423	.049083
%RSD	.3579557	.4610134	.8317396	.2348964	.9736789	.9301698

#1	5.078969	5.058021	4.935654	4.783485	5.098443	5.287241
#2	5.062129	5.012257	4.865623	4.761914	5.019270	5.223296
#3	5.098464	5.042004	4.937118	4.778025	5.110108	5.319772

Elem	Sr4077
Units	ppm
Avg	5.244895
Stddev	.049547
%RSD	.9446655

#1	5.253792
#2	5.191502
#3	5.289390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.204	2045.190	53966.03	7648.516	3080.709
Stddev	5.581	4.583	403.04	62.784	5.122
%RSD	.2908102	.2240815	.7468396	.8208652	.1662466

#1	1924.447	2043.431	54398.12	7607.016	3075.951
#2	1913.337	2050.392	53600.26	7720.745	3086.130
#3	1919.828	2041.747	53899.71	7617.786	3080.047

Sample Name: CCB099 Acquired: 6/1/2018 17:17:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003081	.0001612	.0006972	.0001419	.0000741	.0059859	-.002765
Stddev	.001941	.0012117	.0007671	.0033825	.0005507	.0082007	.000179
%RSD	63.01586	751.8943	110.0372	2384.366	743.3025	136.9991	6.472312

#1	-.000845	.0015106	-.000119	-.002508	-.000303	.0143509	-.002830
#2	-.004345	-.000834	.001403	.003952	-.000181	.0056466	-.002903
#3	-.004052	-.000193	.000808	-.001018	.000706	-.002040	-.002563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	-.000095	.0029493	.0002193	.0002194	.0009492	.0027391
Stddev	.000011	.000027	.0089644	.0001600	.0000838	.0019958	.0096513
%RSD	30.43772	28.79863	303.9488	72.95527	38.18078	210.2584	352.3577

#1	-.000031	-.000122	-.006914	.0000793	.0001396	.0030651	.0084394
#2	-.000047	-.000098	.010601	.0001849	.0003066	-.000899	-.008404
#3	-.000027	-.000067	.005161	.0003937	.0002121	.000682	.008182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000370	.0452236	.0001843	.0005376	.1849632	.0014403	.0020225
Stddev	.000447	.0017791	.0004064	.0000916	.0623890	.0019915	.0130300
%RSD	120.8010	3.934026	220.5288	17.03452	33.73049	138.2661	644.2424

#1	-.000641	.0472012	.0005929	.0006151	.1286703	.0010162	-.001547
#2	-.000616	.0447165	.0001796	.0005611	.2520419	-.000305	-.008851
#3	.000146	.0437531	-.000220	.0004366	.1741774	.003610	.016465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015243	-.000396	.0023690	.0002325	-.010509	-.003950	-.000155
Stddev	.009335	.000054	.0002553	.0001383	.002290	.000395	.000818
%RSD	61.24150	13.51933	10.77633	59.46081	21.78930	10.00180	528.1021

#1	-.006591	-.000383	.0026473	.0001831	-.010146	-.004407	-.001080
#2	-.025137	-.000455	.0023142	.0003887	-.012959	-.003723	.000473
#3	-.014001	-.000350	.0021456	.0001258	-.008422	-.003722	.000143

Sample Name: CCB099 Acquired: 6/1/2018 17:17:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001946	.0000851	.0000712
Stddev	.0011454	.0013185	.0000195
%RSD	588.6394	1549.944	27.40212

#1	.0012244	.0008816	.0000860
#2	.0003983	.0008104	.0000785
#3	-.001039	-.001437	.0000491

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.086	2427.213	61193.98	8085.110	4036.515
Stddev	1.445	30.490	101.76	32.765	59.303
%RSD	.0632735	1.256175	.1662925	.4052499	1.469168

#1	2283.413	2455.226	61127.69	8051.400	4092.386
#2	2284.338	2431.675	61143.09	8116.840	4042.866
#3	2281.505	2394.738	61311.14	8087.090	3974.291

Sample Name: J3211-20 Acquired: 6/1/2018 17:25:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2314274	-.030957	2.918897	-.145106	.0121936	84.01293
Stddev	.0053904	.001776	.040850	.003664	.0007581	.16617
%RSD	2.329214	5.737096	1.399492	2.525034	6.217346	.1977926

#1	.2270998	-.030216	2.883297	-.145907	.0114501	83.97230
#2	.2297168	-.029672	2.909899	-.141107	.0129656	84.19565
#3	.2374655	-.032984	2.963496	-.148302	.0121650	83.87084

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.991659	.0180426	-.000658	28.81814	.3178241	.1530871
Stddev	.005809	.0000925	.000285	.07266	.0010061	.0021371
%RSD	.1941892	.5126034	43.38244	.2521426	.3165757	1.396024

#1	2.998252	.0181471	-.000449	28.83951	.3170024	.1506488
#2	2.987291	.0179712	-.000983	28.73719	.3175236	.1539769
#3	2.989435	.0180095	-.000541	28.87773	.3189463	.1546356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5258826	F 748.7127	12.82946	12.42253	.1428909	-.032170
Stddev	.0033247	4.0387	.07029	.14773	.0020904	.000896
%RSD	.6322127	.5394166	.5478732	1.189242	1.462949	2.783812

#1	.5244284	745.4026	12.76560	12.25533	.1407723	-.032517
#2	.5235327	753.2126	12.90477	12.53544	.1429484	-.031153
#3	.5296866	747.5229	12.81799	12.47682	.1449520	-.032840

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.281293	.7643174	1.900302	1.642970	.5401675	.8936189
Stddev	.050920	.0114744	.022589	.016623	.0029290	.0114402
%RSD	1.551834	1.501261	1.188709	1.011779	.5422385	1.280205

#1	3.222555	.7581535	1.880462	1.630512	.5374590	.8808417
#2	3.312960	.7775564	1.895556	1.636552	.5397674	.9029118
#3	3.308363	.7572422	1.924886	1.661845	.5432759	.8971031

Sample Name: J3211-20 Acquired: 6/1/2018 17:25:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280618	6.405556	3.847982	.0574904	.8892898	.0503156
Stddev	.0001940	.051472	.004691	.0021492	.0006551	.0008401
%RSD	.6914809	.8035528	.1219160	3.738314	.0736675	1.669622

#1	.0282856	6.352598	3.849004	.0553920	.8885338	.0503555
#2	.0279574	6.408668	3.852078	.0596869	.8896907	.0511350
#3	.0279422	6.455401	3.842864	.0573921	.8896449	.0494562

Elem	Sr4077
Units	ppm
Avg	.1970772
Stddev	.0001741
%RSD	.0883499

#1	.1968953
#2	.1972423
#3	.1970940

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2379.573	2540.225	65508.96	9003.220	3707.111
Stddev	5.665	20.632	116.74	26.768	33.184
%RSD	.2380776	.8122256	.1782011	.2973150	.8951368

#1	2373.175	2558.036	65426.90	9008.799	3734.143
#2	2381.593	2545.023	65642.61	8974.102	3717.114
#3	2383.952	2517.616	65457.39	9026.759	3670.077

Sample Name: J3211-21 Acquired: 6/1/2018 17:29:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1850003	-.021133	3.670876	-.092195	.0105590	61.96856
Stddev	.0045543	.003612	.013059	.002409	.0023433	.32995
%RSD	2.461800	17.09191	.3557464	2.613000	22.19240	.5324495

#1	.1889966	-.017435	3.661688	-.090699	.0132471	62.07895
#2	.1800417	-.021312	3.665115	-.094974	.0089467	62.22916
#3	.1859625	-.024652	3.685825	-.090911	.0094834	61.59757

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.631758	.0134240	-.000234	23.67319	.2839187	.0835796
Stddev	.008347	.0000890	.000215	.20621	.0030609	.0003927
%RSD	.5115501	.6630235	91.99835	.8710847	1.078097	.4698690

#1	1.634830	.0135169	-.000463	23.68946	.2806940	.0831531
#2	1.638135	.0134156	-.000203	23.87079	.2867841	.0836594
#3	1.622311	.0133395	-.000036	23.45933	.2842779	.0839263

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3464425	F 511.5964	5.382868	8.743719	.0748952	-.020142
Stddev	.0039799	2.1945	.031033	.119184	.0004709	.000273
%RSD	1.148800	.4289425	.5765217	1.363076	.6287665	1.356964

#1	.3442936	513.5139	5.417005	8.869360	.0753648	-.020242
#2	.3510350	512.0722	5.375237	8.729536	.0744229	-.020350
#3	.3439990	509.2030	5.356362	8.632262	.0748979	-.019832

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.225081	.5967160	1.299099	.7321853	.3979538	.6127301
Stddev	.121477	.0049844	.011978	.0647575	.0015893	.0023882
%RSD	5.459453	.8353044	.9220287	8.844415	.3993684	.3897632

#1	2.346688	.5942559	1.294691	.7720967	.3966603	.6109677
#2	2.103734	.6024521	1.289949	.7669914	.3974733	.6117744
#3	2.224822	.5934399	1.312656	.6574679	.3997280	.6154481

Sample Name: J3211-21 Acquired: 6/1/2018 17:29:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165589	5.687785	3.391873	.0316368	.6977529	.0348683
Stddev	.0001856	.008297	.032534	.0009656	.0021039	.0005970
%RSD	1.121114	.1458773	.9591666	3.052091	.3015302	1.712096

#1	.0163449	5.688746	3.414674	.0311616	.6958958	.0354952
#2	.0166776	5.679050	3.406327	.0327479	.7000379	.0348031
#3	.0166541	5.695560	3.354616	.0310009	.6973251	.0343067

Elem	Sr4077
Units	ppm
Avg	.1612567
Stddev	.0008315
%RSD	.5156137

#1	.1616220
#2	.1618430
#3	.1603052

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.715	2538.383	64628.17	8736.419	3808.379
Stddev	11.007	8.857	138.79	64.840	17.215
%RSD	.4658445	.3489074	.2147556	.7421754	.4520285

#1	2350.684	2534.480	64750.80	8677.010	3814.353
#2	2372.278	2548.521	64477.50	8726.663	3821.811
#3	2365.185	2532.148	64656.22	8805.583	3788.973

Sample Name: J3211-22 Acquired: 6/1/2018 17:33:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1224614	-.014583	1.112517	-.060399	.0056947	70.70994	.9392186
Stddev	.0075524	.002237	.006086	.002206	.0010572	.12244	.0004223
%RSD	6.167160	15.34195	.5470461	3.652527	18.56509	.1731536	.0449645

#1	.1305281	-.016015	1.111738	-.062916	.0044740	70.57548	.9396158
#2	.1212978	-.015729	1.106859	-.058805	.0062925	70.73936	.9392650
#3	.1155584	-.012005	1.118955	-.059474	.0063175	70.81499	.9387750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116549	.0172972	243.3058	.2477134	.1020456	.4892015	306.0083
Stddev	.0001157	.0000230	.6104	.0053149	.0006728	.0026548	1.6945
%RSD	.9922471	.1331630	.2508930	2.145592	.6593031	.5426723	.5537531

#1	.0116828	.0172916	243.0102	.2448391	.1025341	.4868918	304.2932
#2	.0115279	.0172774	242.8995	.2444546	.1012782	.4921019	306.0503
#3	.0117541	.0173225	244.0078	.2538465	.1023244	.4886109	307.6815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.817953	113.4193	.1369338	-.012637	1.513176	.3530214	4.296530
Stddev	.040991	.5728	.0007085	.001067	.056626	.0037578	.093351
%RSD	.7045621	.5050274	.5174391	8.440963	3.742163	1.064469	2.172699

#1	5.776775	112.9232	.1371427	-.012063	1.578161	.3573572	4.233725
#2	5.818329	113.2886	.1361443	-.011981	1.474419	.3510006	4.252064
#3	5.858755	114.0462	.1375145	-.013868	1.486950	.3507064	4.403801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.229346	.7589216	.3754433	.0081909	4.976676	3.316313	.0706285
Stddev	.038210	.0008389	.0040265	.0001248	.009309	.036221	.0014741
%RSD	1.713940	.1105431	1.072473	1.524069	.1870511	1.092199	2.087154

#1	2.239572	.7595934	.3708018	.0080773	4.982172	3.282532	.0690155
#2	2.187064	.7591902	.3779996	.0083246	4.965928	3.311848	.0709640
#3	2.261402	.7579813	.3775284	.0081707	4.981929	3.354560	.0719059

Sample Name: J3211-22 Acquired: 6/1/2018 17:33:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6295711	.0683455	.2517090
Stddev	.0033573	.0002575	.0003908
%RSD	.5332712	.3767591	.1552804

#1	.6257142	.0680521	.2512733
#2	.6318386	.0685340	.2518252
#3	.6311606	.0684505	.2520287

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.934	2455.025	62210.15	8723.217	3546.294
Stddev	39.636	5.054	1202.19	45.085	11.563
%RSD	1.753873	.2058590	1.932464	.5168384	.3260673

#1	2274.965	2453.004	62706.97	8749.671	3539.451
#2	2289.855	2460.776	63084.30	8748.820	3559.644
#3	2214.980	2451.293	60839.18	8671.160	3539.785

Sample Name: J3211-23 Acquired: 6/1/2018 17:37:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .1923462	k -.152782	k .9638897	k -.498757	k .0172422	140.5934
Stddev	.0022147	.003874	.0064062	.004597	.0013656	1.7551
%RSD	1.151412	2.535617	.6646140	.9216476	7.920119	1.248345

#1	k .1920811	k -.156400	k .9566900	k -.503965	k .0184753	142.1782
#2	k .1902760	k -.148695	k .9660194	k -.495268	k .0174768	138.7071
#3	k .1946816	k -.153252	k .9689598	k -.497036	k .0157745	140.8949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.70627	.0415710	k .0477855	^ *****	k .5522312	.7621131
Stddev	.14093	.0001946	.0001239	-----	.0021782	.0030859
%RSD	1.028234	.4680839	.2592795	-----	.3944439	.4049143

#1	13.70055	.0417437	k .0477625	^ -----	k .5525188	.7587289
#2	13.56829	.0416092	k .0479193	^ -----	k .5542513	.7647713
#3	13.84998	.0413601	k .0476747	^ -----	k .5499234	.7628389

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k -.098479	kF 1265.171	F 92.17102	14.54706	.2233466	k -.189484
Stddev	.000805	13.595	.95747	.18127	.0012717	.000689
%RSD	.8178202	1.074543	1.038797	1.246089	.5694012	.3633801

#1	k -.097891	k 1274.293	92.85163	14.65276	.2219585	k -.189577
#2	k -.099397	k 1249.546	91.07618	14.33776	.2236256	k -.190121
#3	k -.098149	k 1271.674	92.58525	14.65067	.2244557	k -.188754

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.325114	k 1.606906	k .5364770	-.253059	k .3347213	^ *****
Stddev	.200108	.012249	.0026568	.016671	.0012299	-----
%RSD	3.757821	.7622981	.4952295	6.587989	.3674467	-----

#1	5.449518	k 1.611424	k .5334765	-.234748	k .3335797	^ -----
#2	5.431542	k 1.593040	k .5374240	-.267359	k .3345606	^ -----
#3	5.094282	k 1.616256	k .5385306	-.257070	k .3360237	^ -----

Sample Name: J3211-23 Acquired: 6/1/2018 17:37:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATZ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0015496	k 1.304166	k 3.257947	k .0246965	.5587759	k .0454280
Stddev	.0001732	.013535	.013322	.0021185	.0090276	.0005354
%RSD	11.17690	1.037858	.4088972	8.578014	1.615601	1.178522

#1	k .0015249	k 1.288546	k 3.264450	k .0271140	.5668156	k .0460307
#2	k .0017338	k 1.311500	k 3.266769	k .0231642	.5490098	k .0450077
#3	k .0013901	k 1.312451	k 3.242623	k .0238114	.5605024	k .0452455

Elem	Sr4077
Units	ppm
Avg	.0926762
Stddev	.0015488
%RSD	1.671221

#1	.0942328
#2	.0911353
#3	.0926606

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2766.759	2975.372	76752.01	10633.88	3536.036
Stddev	6.261	7.149	129.34	77.31	10.100
%RSD	.2262772	.2402710	.1685130	.7270219	.2856438

#1	2761.146	2983.534	76683.40	10566.93	3547.361
#2	2773.511	2972.361	76901.20	10718.49	3527.961
#3	2765.622	2970.221	76671.44	10616.20	3532.786

Sample Name: PB109830BL Acquired: 6/1/2018 17:41:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012931	.0010750	.0016048	-.000186	-.001152	.0010849	-.000981
Stddev	.0040443	.0018722	.0004305	.002099	.002277	.0078501	.000015
%RSD	312.7645	174.1566	26.82613	1130.328	197.6965	723.6113	1.480646

#1	-.003280	.0031660	.0011261	-.002416	-.003350	-.003511	-.000993
#2	.004398	-.000446	.0019602	.000109	-.001299	-.003384	-.000985
#3	.002761	.000505	.0017282	.001751	.001195	.010149	-.000965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000282	-.000169	.0069266	-.000197	.0004082	-.001132	.0868870
Stddev	.0000560	.000034	.0023080	.000480	.0000511	.001321	.0106161
%RSD	198.6309	20.06545	33.32070	243.9532	12.52674	116.7003	12.21831

#1	.0000386	-.000205	.0064411	-.000722	.0004546	-.002477	.0917151
#2	.0000782	-.000138	.0094388	-.000084	.0004166	-.001082	.0942311
#3	-.000032	-.000163	.0049000	.000217	.0003534	.000163	.0747150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036510	.0395215	.0010098	.0000877	.1284796	.0059592	-.004425
Stddev	.0010640	.0460977	.0001250	.0000436	.1591979	.0025711	.005937
%RSD	29.14209	116.6394	12.37466	49.67457	123.9091	43.14568	134.1736

#1	.0048796	.0887604	.0009214	.0001252	.2027868	.0082483	-.007183
#2	.0030408	-.002609	.0009551	.0000981	.2369378	.0064518	-.008481
#3	.0030327	.032413	.0011527	.0000399	-.054286	.0031774	.002389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.73348	-.000184	-.003648	-.000167	-.024108	-.005213	-.000599
Stddev	.01411	.000291	.000037	.000137	.002788	.000815	.000349
%RSD	.8139553	157.9807	1.023954	82.21700	11.56552	15.63897	58.19743

#1	-1.72615	-.000244	-.003691	-.000254	-.022078	-.005847	-.000850
#2	-1.72455	.000132	-.003627	-.000009	-.027288	-.004293	-.000746
#3	-1.74975	-.000441	-.003626	-.000238	-.022960	-.005499	-.000201

Sample Name: PB109830BL Acquired: 6/1/2018 17:41:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000505	-.002395	-.000088
Stddev	.001184	.000974	.000015
%RSD	234.4363	40.65865	17.53526

#1	-.000116	-.003331	-.000074
#2	.000435	-.001387	-.000086
#3	-.001835	-.002467	-.000105

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.110	2567.651	63902.82	8428.443	4252.896
Stddev	10.056	8.631	77.01	69.014	12.336
%RSD	.4163671	.3361534	.1205166	.8188263	.2900696

#1	2425.695	2575.073	63882.45	8411.760	4265.655
#2	2413.952	2569.702	63987.97	8504.270	4252.001
#3	2405.683	2558.180	63838.04	8369.300	4241.031

Sample Name: PB109830BS Acquired: 6/1/2018 17:46:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188313	.0507773	.0197144	.0721061	F .0534155	.3979425
Stddev	.0014693	.0046846	.0006094	.0028182	.0015108	.0027953
%RSD	7.802202	9.225794	3.091335	3.908364	2.828356	.7024518

#1	.0198150	.0561172	.0201933	.0688570	.0550340	.3986022
#2	.0171424	.0488550	.0190284	.0735735	.0531698	.4003491
#3	.0195366	.0473595	.0199215	.0738878	.0520426	.3948763

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4082049	.0103673	.0094152	10.12377	.0225936	.0902748
Stddev	.0012638	.0000727	.0000922	.01702	.0001958	.0004955
%RSD	.3096052	.7009324	.9789933	.1680911	.8668452	.5489044

#1	.4070301	.0103168	.0093900	10.12985	.0223698	.0897924
#2	.4080424	.0104506	.0095174	10.13691	.0227334	.0907825
#3	.4095421	.0103345	.0093383	10.10455	.0226776	.0902495

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518839	.2313560	.0247139	9.431314	.0774627	.0200098
Stddev	.0012539	.0096660	.0010876	.058423	.0003842	.0002404
%RSD	2.416740	4.177988	4.400772	.6194562	.4960280	1.201654

#1	.0533317	.2407245	.0254317	9.367838	.0771130	.0199290
#2	.0511533	.2319260	.0252474	9.443271	.0778740	.0198201
#3	.0511666	.2214176	.0234625	9.482834	.0774010	.0202802

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03175	.1126817	.1223852	8.092538	F .0078062	F .0156020
Stddev	.20230	.0011871	.0031342	.026249	.0001426	.0008490
%RSD	2.016551	1.053492	2.560913	.3243590	1.826602	5.441810

#1	9.80101	.1140524	.1245147	8.107525	.0077689	.0147707
#2	10.11560	.1120037	.1238546	8.062229	.0076859	.0164677
#3	10.17864	.1119890	.1187863	8.107861	.0079636	.0155676

Sample Name: PB109830BS Acquired: 6/1/2018 17:46:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206764	.1470159	.1833615	F .0123930	.2017392	.0925921
Stddev	.0001219	.0017821	.0005338	.0008509	.0011019	.0014263
%RSD	.5894355	1.212209	.2911200	6.865863	.5461965	1.540389

#1	.0207250	.1478086	.1833641	.0131475	.2014064	.0935349
#2	.0205377	.1482642	.1828264	.0114707	.2008421	.0932901
#3	.0207665	.1449749	.1838940	.0125608	.2029692	.0909512

Elem	Sr4077
Units	ppm
Avg	.2047278
Stddev	.0001613
%RSD	.0787730

#1	.2048476
#2	.2045445
#3	.2047914

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.791	2504.107	62377.42	8355.794	4139.572
Stddev	7.571	7.573	210.77	18.651	8.985
%RSD	.3215150	.3024071	.3378929	.2232154	.2170519

#1	2362.657	2504.548	62620.64	8356.685	4133.241
#2	2354.162	2496.323	62248.18	8373.984	4135.619
#3	2347.554	2511.449	62263.45	8336.713	4149.856

Sample Name: J3213-15 Acquired: 6/1/2018 17:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAW06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000688	.0000898	.0003925	.0011251	-.000428	.0010192	-.001517
Stddev	.000862	.0015994	.0013064	.0032206	.000527	.0055902	.000383
%RSD	125.2944	1780.491	332.8177	286.2498	123.0923	548.5017	25.26991

#1	-.000187	.0009432	-.000436	.0048238	-.000137	.0049311	-.001811
#2	-.000194	-.001755	.001899	-.000389	-.000111	.0035098	-.001084
#3	-.001684	.001082	-.000285	-.001059	-.001036	-.005383	-.001657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000091	-.000152	.0174204	-.000231	.0004645	-.001582	-.000916
Stddev	.0000390	.000015	.0064190	.000315	.0000654	.002190	.008697
%RSD	430.6728	10.14730	36.84768	136.4414	14.08563	138.4297	949.7524

#1	-.000034	-.000164	.0205222	-.000217	.0005353	-.003261	.005746
#2	.000019	-.000135	.0216994	.000077	.0004062	-.002381	.002261
#3	.000043	-.000157	.0100396	-.000552	.0004521	.000895	-.010754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000717	.0350262	.0004976	.0003089	.0225954	.0014109	-.003381
Stddev	.000659	.0232708	.0002473	.0004023	.1542724	.0028045	.005490
%RSD	91.87937	66.43847	49.69296	130.2452	682.7596	198.7658	162.3606

#1	-.001458	.0116304	.0003204	.0005327	.0832448	-.000181	.002895
#2	-.000196	.0352780	.0003923	-.000156	.1373266	-.000236	-.007291
#3	-.000498	.0581701	.0007801	.000550	-.152785	.004649	-.005747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.83133	-.000531	-.004750	-.000266	-.028420	-.007337	-.001155
Stddev	.02314	.000180	.000727	.000236	.000924	.000486	.000461
%RSD	1.263434	33.91452	15.29769	88.70733	3.252214	6.628574	39.90510

#1	-1.81219	-.000662	-.004005	-.000525	-.029281	-.007257	-.001193
#2	-1.85704	-.000326	-.004787	-.000062	-.027444	-.007859	-.001595
#3	-1.82476	-.000607	-.005457	-.000212	-.028536	-.006896	-.000676

Sample Name: J3213-15 Acquired: 6/1/2018 17:50:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAW06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012852	-.003138	.0000003
Stddev	.0017677	.000960	.0000611
%RSD	137.5407	30.57754	21202.10

#1	.0029390	-.002881	.0000347
#2	.0014944	-.002333	.0000364
#3	-.000578	-.004200	-.000070

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.254	2592.436	64133.29	8378.713	4303.095
Stddev	3.093	8.622	347.91	96.676	17.498
%RSD	.1278947	.3325963	.5424788	1.153829	.4066393

#1	2421.554	2590.101	64399.81	8411.320	4288.001
#2	2415.421	2601.985	63739.71	8269.950	4322.274
#3	2417.787	2585.221	64260.36	8454.870	4299.008

Sample Name: PB109820BL Acquired: 6/1/2018 17:54:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	-.000851	-.002834	.0013205	.0019950	.0011176	.0027448	-.003029
Stddev	.001220	.001016	.0012645	.0029236	.0004768	.0064554	.000798
%RSD	143.3147	35.83246	95.76479	146.5495	42.65962	235.1890	26.34575

#1	-.002119	-.002789	-.000140	.0012624	.0012664	.0046184	-.003673
#2	.000315	-.003872	.002041	-.000493	.0015022	-.004440	-.003278
#3	-.000750	-.001842	.002060	.005215	.0005842	.008056	-.002136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000052	-.000142	.0168187	.0002001	.0002646	-.000221	.0242488
Stddev	.000116	.000013	.0131443	.0002467	.0001609	.000855	.0107394
%RSD	220.4745	9.037771	78.15282	123.2666	60.79372	386.2754	44.28827

#1	.000080	-.000127	.0235008	-.000082	.0001771	.000623	.0281043
#2	-.000105	-.000148	.0016758	.000310	.0004503	-.001087	.0325282
#3	-.000132	-.000151	.0252796	.000373	.0001665	-.000200	.0121139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000908	.0011384	.0001227	.0005340	.0104226	.0051103	-.003572
Stddev	.000746	.0313752	.0001229	.0001360	.0557264	.0013680	.002057
%RSD	82.15560	2756.066	100.1135	25.46279	534.6701	26.76895	57.58959

#1	-.000383	-.003258	.0002570	.0004295	-.003395	.0045197	-.004171
#2	-.000579	.034480	.0000160	.0004846	.071758	.0041369	-.001282
#3	-.001762	-.027807	.0000952	.0006877	-.037095	.0066744	-.005262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.29634	.0003521	-.002851	-.000163	-.012054	-.000722	.0005927
Stddev	.05112	.0005994	.000308	.000089	.001338	.001443	.0007006
%RSD	3.943116	170.2469	10.81010	54.97728	11.09889	199.8857	118.1935

#1	-1.34334	.0006408	-.002539	-.000063	-.010511	.000173	.0013802
#2	-1.30376	-.000337	-.002857	-.000191	-.012757	-.002386	.0003595
#3	-1.24192	.000752	-.003156	-.000234	-.012894	.000047	.0000385

Sample Name: PB109820BL Acquired: 6/1/2018 17:54:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0003022	-.001495	-.000007
Stddev	.0005082	.001170	.000040
%RSD	168.1761	78.25722	552.7398

#1	.0004239	-.002841	.000037
#2	-.000256	-.000907	-.000016
#3	.000738	-.000735	-.000042

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.914	2415.782	61436.64	8184.280	4018.915
Stddev	5.402	48.483	49.98	22.143	77.306
%RSD	.2391459	2.006910	.0813547	.2705600	1.923546

#1	2254.513	2437.940	61385.70	8209.800	4054.199
#2	2257.287	2360.179	61485.60	8172.890	3930.262
#3	2264.943	2449.225	61438.63	8170.150	4072.282

Sample Name: PB109820BS Acquired: 6/1/2018 17:58:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0154850	.0459574	.0205654	.0646627	F .0541075	.3999993
Stddev	.0018994	.0012394	.0016510	.0024784	.0031274	.0038456
%RSD	12.26615	2.696741	8.028053	3.832766	5.780012	.9614009

#1	.0165695	.0459418	.0222436	.0625040	.0508187	.3959067
#2	.0132918	.0447259	.0189430	.0641149	.0570437	.4035377
#3	.0165936	.0472044	.0205095	.0673691	.0544600	.4005535

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4142077	.0095056	.0089912	10.13292	.0224716	.0894719
Stddev	.0010324	.0001066	.0001122	.02551	.0001408	.0010725
%RSD	.2492452	1.121527	1.248114	.2517298	.6267310	1.198667

#1	.4141019	.0095803	.0090653	10.15759	.0224061	.0893342
#2	.4152889	.0093835	.0090461	10.10665	.0226332	.0906066
#3	.4132323	.0095529	.0088620	10.13453	.0223754	.0884750

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527869	.2530519	.0252051	9.355437	.0766408	.0194457
Stddev	.0007552	.0175455	.0001363	.027097	.0011622	.0001307
%RSD	1.430649	6.933573	.5409321	.2896442	1.516370	.6719157

#1	.0528339	.2710139	.0253133	9.332567	.0762943	.0194641
#2	.0520094	.2359548	.0250520	9.348379	.0779368	.0193068
#3	.0535176	.2521871	.0252501	9.385365	.0756913	.0195662

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.960606	.1123999	.1250688	8.605836	F .0082202	F .0157987
Stddev	.137459	.0097729	.0036726	.053011	.0004739	.0006965
%RSD	1.380023	8.694756	2.936462	.6159937	5.765173	4.408348

#1	10.04163	.1058230	.1285207	8.651122	.0077287	.0150779
#2	9.80189	.1236298	.1212095	8.618859	.0086742	.0158502
#3	10.03829	.1077468	.1254760	8.547526	.0082578	.0164679

Sample Name: PB109820BS Acquired: 6/1/2018 17:58:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) 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	.0208978	.1533722	.1803186	F .0134341	.2026731	.0959378
Stddev	.0002731	.0024579	.0009687	.0004421	.0014746	.0002887
%RSD	1.306981	1.602584	.5372111	3.291224	.7275601	.3009397

#1	.0210717	.1519362	.1810817	.0129246	.2009765	.0957743
#2	.0210387	.1562103	.1792288	.0136609	.2033962	.0962712
#3	.0205830	.1519701	.1806454	.0137169	.2036465	.0957680

Elem	Sr4077
Units	ppm
Avg	.2071936
Stddev	.0005969
%RSD	.2880620

#1	.2078005
#2	.2071731
#3	.2066073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.863	2405.209	60576.85	8149.780	3982.593
Stddev	5.765	27.877	109.75	52.568	47.977
%RSD	.2580935	1.159033	.1811746	.6450176	1.204674

#1	2227.638	2410.783	60666.00	8104.915	3987.733
#2	2239.020	2374.967	60610.28	8207.620	3932.253
#3	2234.932	2429.879	60454.27	8136.805	4027.793

Sample Name: J3158-01 Acquired: 6/1/2018 18:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2724381	-.032527	1.537647	-.087379	.0037496	154.5313	2.482135
Stddev	.0025673	.003833	.019655	.006037	.0015991	.3278	.007623
%RSD	.9423250	11.78432	1.278263	6.909132	42.64861	.2121256	.3071031

#1	.2753513	-.033487	1.515234	-.080648	.0021460	154.1804	2.473398
#2	.2714563	-.028306	1.551947	-.089173	.0037585	154.5836	2.485581
#3	.2705066	-.035790	1.545761	-.092315	.0053442	154.8297	2.487427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316781	.0093384	523.3147	.3234102	.1689991	.4960837	413.3109
Stddev	.0002007	.0002139	2.0471	.0008126	.0024199	.0017782	.1534
%RSD	.6334186	2.290351	.3911798	.2512474	1.431883	.3584493	.0371084

#1	.0315503	.0091172	520.9762	.3231329	.1663562	.4941984	413.1883
#2	.0315746	.0095441	524.1849	.3243251	.1711061	.4977307	413.2616
#3	.0319093	.0093539	524.7828	.3227726	.1695349	.4963221	413.4829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.986363	171.2343	.2160639	-.018228	4.154202	.3644064	4.489937
Stddev	.025745	.4139	.0015944	.000595	.213874	.0034125	.024221
%RSD	.2864939	.2417337	.7379381	3.263660	5.148386	.9364602	.5394558

#1	8.960058	170.7870	.2144699	-.017541	3.987860	.3614285	4.466973
#2	9.011509	171.6038	.2176587	-.018579	4.079291	.3636605	4.515245
#3	8.987523	171.3122	.2160631	-.018563	4.395455	.3681301	4.487594

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.19966	1.227040	.4947913	.0102094	11.60943	5.676836	.0505846
Stddev	.09388	.015248	.0020843	.0003076	.12736	.031201	.0020247
%RSD	.7695612	1.242690	.4212391	3.013077	1.097047	.5496178	4.002588

#1	12.09129	1.211175	.4958964	.0101007	11.47215	5.641247	.0516693
#2	12.25133	1.241585	.4960903	.0105567	11.72375	5.689775	.0482486
#3	12.25636	1.228361	.4923872	.0099710	11.63238	5.699486	.0518358

Sample Name: J3158-01 Acquired: 6/1/2018 18:02:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEX3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.624876	.2028530	.7925256
Stddev	.004044	.0002632	.0015768
%RSD	.2488566	.1297735	.1989544

#1	1.624161	.2025772	.7907186
#2	1.629230	.2028803	.7936219
#3	1.621238	.2031016	.7932364

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.676	2675.355	69476.22	9866.640	3269.124
Stddev	10.985	24.135	122.83	19.552	30.069
%RSD	.4380610	.9021403	.1767933	.1981632	.9197892

#1	2518.721	2703.132	69597.41	9887.108	3299.373
#2	2507.555	2659.509	69351.81	9864.656	3239.238
#3	2496.752	2663.424	69479.44	9848.155	3268.761

Sample Name: J3158-02 Acquired: 6/1/2018 18:06:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2370542	-.029224	1.280739	-.051535	-.001230	226.1667
Stddev	.0017166	.002787	.015628	.002317	.003888	.2865
%RSD	.7241266	9.535454	1.220221	4.495643	316.0235	.1266896

#1	.2354814	-.027753	1.266938	-.049247	-.002925	225.8372
#2	.2367961	-.027481	1.277571	-.051479	.003217	226.3053
#3	.2388853	-.032438	1.297708	-.053880	-.003983	226.3575

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.144775	.0390850	.0091069	F 845.3019	.3854397	.1222251
Stddev	.003803	.0002023	.0003084	7.1865	.0021844	.0016024
%RSD	.1209425	.5174793	3.386879	.8501640	.5667257	1.311047

#1	3.146465	.0388519	.0093084	839.9829	.3833770	.1207971
#2	3.147440	.0391898	.0087518	853.4774	.3852138	.1219200
#3	3.140419	.0392133	.0092604	842.4452	.3877282	.1239581

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3991155	292.6914	12.32890	202.8559	.1772416	-.013988
Stddev	.0019731	1.5194	.06346	.8517	.0023418	.000265
%RSD	.4943767	.5191215	.5147005	.4198618	1.321231	1.893037

#1	.3998034	291.1653	12.25926	202.0144	.1752918	-.014216
#2	.3968905	294.2040	12.38347	203.7175	.1765940	-.013697
#3	.4006527	292.7050	12.34397	202.8358	.1798390	-.014051

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.471088	.2793651	3.291345	22.40521	1.545990	.4204180
Stddev	.069963	.0026366	.019162	.03564	.021547	.0034191
%RSD	.8259012	.9437942	.5821899	.1590689	1.393765	.8132650

#1	8.398354	.2779252	3.300546	22.36974	1.529241	.4185001
#2	8.477004	.2777619	3.304170	22.40487	1.538432	.4243655
#3	8.537904	.2824081	3.269318	22.44102	1.570299	.4183884

Sample Name: J3158-02 Acquired: 6/1/2018 18:06:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121692	22.25741	2.412886	.0348121	3.976674	.3112881
Stddev	.0002425	.28913	.027063	.0016181	.004937	.0006467
%RSD	1.992407	1.299014	1.121583	4.648139	.1241395	.2077480

#1	.0122494	22.02128	2.383154	.0362332	3.970977	.3119048
#2	.0118968	22.17109	2.436081	.0330510	3.979335	.3106151
#3	.0123614	22.57987	2.419422	.0351520	3.979708	.3113446

Elem	Sr4077
Units	ppm
Avg	1.854522
Stddev	.002088
%RSD	.1125718

#1	1.852908
#2	1.856879
#3	1.853778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.998	2785.665	71573.00	10316.48	3094.889
Stddev	6.649	19.142	13.59	39.85	33.681
%RSD	.2559317	.6871588	.0189866	.3862526	1.088265

#1	2596.416	2801.762	71587.67	10360.88	3125.165
#2	2592.282	2790.735	71560.84	10283.82	3100.890
#3	2605.295	2764.499	71570.50	10304.75	3058.611

Sample Name: J3158-03 Acquired: 6/1/2018 18:10:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2259720	-.026096	1.278176	-.048498	.0046268	222.4148
Stddev	.0108137	.000497	.029623	.003358	.0035464	.6307
%RSD	4.785403	1.904390	2.317596	6.923858	76.64804	.2835580

#1	.2185508	-.025628	1.260456	-.044641	.0010814	222.6086
#2	.2209859	-.026618	1.261697	-.050083	.0046250	222.9258
#3	.2383791	-.026042	1.312374	-.050770	.0081741	221.7100

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.099418	.0382069	.0092972	F 821.3864	.3780470	.1214684
Stddev	.009537	.0003472	.0005251	4.7260	.0005351	.0026088
%RSD	.3077117	.9086556	5.647463	.5753653	.1415512	2.147712

#1	3.109428	.0380774	.0088611	816.1706	.3778395	.1197813
#2	3.098387	.0379430	.0091504	825.3840	.3786548	.1201507
#3	3.090437	.0386002	.0098800	822.6046	.3776468	.1244732

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3920815	286.4380	12.04319	198.9285	.1766154	-.014240
Stddev	.0005305	1.6820	.06290	.9761	.0045833	.000283
%RSD	.1352984	.5871978	.5223166	.4907002	2.595051	1.988729

#1	.3923926	286.7186	12.02587	199.2217	.1750862	-.014541
#2	.3914690	287.9620	12.11294	199.7244	.1729923	-.013980
#3	.3923829	284.6334	11.99076	197.8393	.1817678	-.014198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.405853	.2715927	3.231094	22.01638	1.534129	.4120560
Stddev	.072703	.0023621	.010029	.08004	.034511	.0057237
%RSD	.8649070	.8697098	.3103830	.3635444	2.249551	1.389068

#1	8.469995	.2690186	3.242098	22.02004	1.510938	.4121127
#2	8.326877	.2720986	3.222467	22.09454	1.517659	.4177513
#3	8.420687	.2736608	3.228716	21.93458	1.573789	.4063042

Sample Name: J3158-03 Acquired: 6/1/2018 18:10:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATX4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120797	22.09994	2.356800	.0356359	3.905679	.3066972
Stddev	.0002411	.45336	.009960	.0012331	.010248	.0007288
%RSD	1.996185	2.051391	.4226104	3.460268	.2623911	.2376254

#1	.0121027	21.78101	2.363138	.0358105	3.913557	.3069493
#2	.0118279	21.89990	2.345320	.0367724	3.909388	.3072664
#3	.0123085	22.61891	2.361942	.0343248	3.894093	.3058758

Elem	Sr4077
Units	ppm
Avg	1.828882
Stddev	.004394
%RSD	.2402550

#1	1.833890
#2	1.827087
#3	1.825670

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.100	2799.034	72465.57	10482.92	3114.747
Stddev	12.891	36.758	211.85	12.89	54.855
%RSD	.4892214	1.313240	.2923503	.1229752	1.761126

#1	2620.215	2820.321	72254.09	10482.81	3146.021
#2	2642.362	2820.190	72464.83	10495.87	3146.812
#3	2642.722	2756.589	72677.79	10470.08	3051.408

Sample Name: J3158-04 Acquired: 6/1/2018 18:14:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2986598	.0880430	1.292989	.0453773	.0859653	224.7834
Stddev	.0036608	.0046127	.008010	.0037889	.0010339	.3622
%RSD	1.225756	5.239125	.6194960	8.349722	1.202693	.1611397

#1	.2950155	.0906299	1.284781	.0438596	.0868015	224.6779
#2	.2986271	.0827174	1.293403	.0496898	.0862852	225.1867
#3	.3023370	.0907817	1.300785	.0425826	.0848093	224.4858

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.151665	.1304485	.1239057	F 821.1460	.7584590	1.278839
Stddev	.013571	.0001850	.0010801	1.4134	.0047410	.005640
%RSD	.1897656	.1418213	.8717251	.1721218	.6250839	.4410244

#1	7.167305	.1303341	.1230191	819.8590	.7535125	1.273822
#2	7.142993	.1306619	.1235894	822.6586	.7629635	1.277752
#3	7.144698	.1303494	.1251086	820.9204	.7589010	1.284944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8885359	288.3577	12.78532	198.4159	1.353953	.0832031
Stddev	.0022886	1.4926	.07784	1.5231	.006115	.0003297
%RSD	.2575655	.5176376	.6088537	.7676063	.4516041	.3962840

#1	.8902985	287.2521	12.73995	197.3537	1.347527	.0828569
#2	.8859495	290.0556	12.87520	200.1609	1.354633	.0835134
#3	.8893598	287.7653	12.74080	197.7331	1.359699	.0832389

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.431044	1.237530	4.186167	21.89577	1.519462	.4092693
Stddev	.091706	.002906	.032589	.05319	.008260	.0051794
%RSD	1.087713	.2348016	.7785011	.2429229	.5436435	1.265513

#1	8.358438	1.234307	4.151070	21.84973	1.510756	.4086169
#2	8.534101	1.238337	4.191959	21.88359	1.520439	.4147439
#3	8.400592	1.239947	4.215472	21.95399	1.527190	.4044470

Sample Name: J3158-04 Acquired: 6/1/2018 18:14:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122785	21.69909	2.335328	.0349615	3.875484	.3054637
Stddev	.0003042	.10324	.009400	.0018393	.016497	.0014085
%RSD	2.477634	.4757698	.4024952	5.261023	.4256888	.4610997

#1	.0125690	21.59245	2.345623	.0367738	3.871151	.3070200
#2	.0119622	21.70626	2.327203	.0330963	3.893716	.3050944
#3	.0123044	21.79855	2.333157	.0350145	3.861586	.3042767

Elem	Sr4077
Units	ppm
Avg	1.820267
Stddev	.001401
%RSD	.0769913

#1	1.821870
#2	1.819657
#3	1.819274

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2611.125	2772.680	71846.77	10314.86	3109.922
Stddev	4.650	8.719	87.37	26.32	13.056
%RSD	.1780680	.3144630	.1216032	.2552126	.4198189

#1	2614.588	2780.079	71940.47	10327.55	3121.541
#2	2612.947	2774.894	71767.54	10284.59	3112.431
#3	2605.840	2763.067	71832.29	10332.42	3095.793

Sample Name: J3158-02LX5 Acquired: 6/1/2018 18:18:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: M DATX4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600980	-.002632	.2585767	-.009868	.0001159	53.08846	.7576810
Stddev	.0035154	.002827	.0027003	.001788	.0008958	.03011	.0006624
%RSD	5.849504	107.4122	1.044303	18.11947	773.1692	.0567129	.0874301

#1	.0629772	.000098	.2568882	-.008738	.0007777	53.05749	.7571696
#2	.0561803	-.005547	.2616910	-.011930	.0004733	53.09025	.7584293
#3	.0611366	-.002448	.2571507	-.008937	-.000903	53.11763	.7574440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098299	.0009455	210.1154	.1008643	.0227791	.0964332	75.38631
Stddev	.0001589	.0000486	.4023	.0033096	.0001123	.0016612	.33965
%RSD	1.616859	5.139403	.1914867	3.281202	.4929967	1.722667	.4505406

#1	.0096571	.0009828	209.6509	.0990616	.0227114	.0954302	75.38620
#2	.0098628	.0009632	210.3539	.0988475	.0227172	.0983508	75.04672
#3	.0099698	.0008906	210.3414	.1046839	.0229087	.0955187	75.72601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.158981	48.85424	.0347333	-.002858	2.129666	.0756037	.7822541
Stddev	.007306	.25624	.0000909	.000350	.112025	.0023623	.0135841
%RSD	.2312903	.5244949	.2617755	12.24577	5.260209	3.124552	1.736530

#1	3.153306	48.73374	.0348381	-.002738	2.231757	.0783203	.7770231
#2	3.156412	48.68047	.0346756	-.002584	2.147414	.0744586	.7720631
#3	3.167225	49.14851	.0346863	-.003252	2.009826	.0740322	.7976760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.163563	.2889289	.1099261	.0027939	4.105474	.6054327	.0051240
Stddev	.026007	.0024975	.0008235	.0002965	.024505	.0082801	.0006582
%RSD	.5036657	.8644094	.7491528	10.61267	.5968978	1.367638	12.84613

#1	5.145951	.2869741	.1103979	.0026032	4.088309	.5998342	.0057036
#2	5.193434	.2880701	.1104053	.0031355	4.094576	.6015199	.0052600
#3	5.151303	.2917425	.1089752	.0026430	4.133539	.6149441	.0044084

Sample Name: J3158-02LX5 Acquired: 6/1/2018 18:18:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: M DATX4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9850569	.0724518	.4552259
Stddev	.0023273	.0007642	.0003131
%RSD	.2362595	1.054783	.0687807

#1	.9836821	.0728601	.4548702
#2	.9837446	.0715702	.4553472
#3	.9877440	.0729252	.4554601

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.628	2444.385	61067.46	8513.566	3614.962
Stddev	52.270	6.534	1493.56	20.804	5.885
%RSD	2.322483	.2673191	2.445756	.2443657	.1627921

#1	2281.668	2451.101	61830.59	8516.278	3621.414
#2	2279.935	2444.003	62025.27	8532.881	3609.890
#3	2190.279	2438.049	59346.51	8491.539	3613.580

Sample Name: CCV001 Acquired: 6/1/2018 18:27:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.184720	4.802196	23.39249	5.158743	F 2.267815	F 359.1155
Stddev	.036350	.024198	.11874	.022282	.007064	1.4516
%RSD	.7010947	.5038909	.5075830	.4319359	.3115036	.4042277

#1	5.147722	4.791754	23.28294	5.140900	2.267121	357.5463
#2	5.186053	4.784973	23.37586	5.151611	2.261124	359.3900
#3	5.220385	4.829862	23.51866	5.183719	2.275201	360.4104

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51344	.4963045	2.334618	370.4736	15.36967	2.328371
Stddev	.04221	.0020101	.011048	1.4612	.03190	.013875
%RSD	.4014623	.4050068	.4732368	.3944110	.2075520	.5959073

#1	10.46684	.4944627	2.326000	368.9037	15.33377	2.316691
#2	10.52439	.4960023	2.330782	370.7231	15.39476	2.324713
#3	10.54910	.4984486	2.347074	371.7939	15.38048	2.343708

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.44593	F 353.8891	F 11.34533	369.4428	2.385718	1.228967
Stddev	.07495	1.1065	.05379	1.4123	.010114	.002247
%RSD	.4852122	.3126637	.4741538	.3822883	.4239261	.1827995

#1	15.36923	352.7702	11.28324	367.8234	2.378577	1.226591
#2	15.44958	353.9146	11.37792	370.0858	2.381287	1.229252
#3	15.51899	354.9827	11.37485	370.4192	2.397291	1.231057

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 359.7945	2.505700	15.77951	157.4820	F 7.232884	5.104782
Stddev	1.3680	.013801	.06211	.5885	.046394	.022085
%RSD	.3802212	.5507875	.3935942	.3737069	.6414298	.4326337

#1	358.2149	2.494063	15.83853	156.8408	7.202068	5.080759
#2	360.5844	2.502089	15.78529	157.6078	7.210344	5.109381
#3	360.5843	2.520947	15.71472	157.9975	7.286242	5.124205

Sample Name: CCV001 Acquired: 6/1/2018 18:27:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.085429	5.128250	4.881169	4.753834	5.025702	5.237748
Stddev	.023589	.023743	.014782	.016688	.025623	.023283
%RSD	.4638629	.4629771	.3028452	.3510493	.5098447	.4445276

#1	5.065213	5.119421	4.866596	4.741224	4.996452	5.211160
#2	5.079727	5.110187	4.880758	4.747520	5.036464	5.247588
#3	5.111347	5.155142	4.896152	4.772758	5.044188	5.254496

Elem	Sr4077
Units	ppm
Avg	5.195516
Stddev	.014875
%RSD	.2863051

#1	5.178396
#2	5.202874
#3	5.205277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.589	2026.157	54086.27	7704.303	3067.493
Stddev	2.684	8.481	155.45	29.144	13.598
%RSD	.1396515	.4185779	.2874117	.3782848	.4432780

#1	1923.023	2031.182	54233.15	7734.920	3076.742
#2	1918.493	2030.923	53923.47	7701.090	3073.857
#3	1923.251	2016.364	54102.18	7676.898	3051.881

Sample Name: CCB001 Acquired: 6/1/2018 18:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000274	.0013089	.0003178	-.001080	-.000437	.0060380	-.002209
Stddev	.000989	.0022270	.0007557	.003322	.000761	.0048486	.000705
%RSD	360.3974	170.1427	237.7899	307.5974	174.1102	80.30152	31.91864

#1	-.001347	.0005148	.0000551	-.000929	.000432	.0115660	-.002232
#2	.000600	-.000412	-.000271	.002164	-.000984	.0040418	-.001492
#3	-.000076	.003824	.001170	-.004474	-.000759	.0025062	-.002902

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000812	-.000187	.0038648	.0002160	.0003497	-.000616	.0249490
Stddev	.0000184	.000084	.0008906	.0002770	.0001306	.000459	.0032930
%RSD	22.60374	44.88355	23.04527	128.2062	37.34143	74.39079	13.19878

#1	.0001004	-.000091	.0039821	.0005252	.0003244	-.000113	.0271527
#2	.0000638	-.000228	.0046909	-.000010	.0002336	-.001010	.0265307
#3	.0000795	-.000243	.0029213	.000133	.0004911	-.000726	.0211636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000303	.0188996	.0002249	.0001455	.1394141	.0047070	-.004343
Stddev	.000367	.0482946	.0003367	.0003934	.0940120	.0040351	.005641
%RSD	121.1503	255.5323	149.7434	270.4245	67.43369	85.72349	129.8745

#1	-.000312	-.024017	.0005248	-.000142	.0312963	.0000773	-.001131
#2	-.000665	.071196	-.000139	.000594	.2019095	.0065685	-.001043
#3	.000069	.009519	.000289	-.000016	.1850364	.0074754	-.010857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.76683	-.000128	.0002657	.0001726	-.027894	-.010098	-.000089
Stddev	.02863	.000115	.0010102	.0001985	.002500	.000640	.000607
%RSD	1.620236	89.47664	380.2347	114.9970	8.961334	6.338970	682.4188

#1	-1.76657	-.000048	.0010631	.0001558	-.026748	-.010122	.000557
#2	-1.73833	-.000259	-.000870	.0003791	-.026172	-.010725	-.000176
#3	-1.79558	-.000077	.000604	-.000017	-.030761	-.009446	-.000647

Sample Name: CCB001 Acquired: 6/1/2018 18:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v548) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006092	-.001813	.0001048
Stddev	.0006835	.000225	.0000653
%RSD	112.2021	12.42000	62.32286

#1	.0008592	-.002029	.0001791
#2	.0011325	-.001580	.0000563
#3	-.000164	-.001830	.0000791

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.380	2516.307	63166.49	8351.663	4194.317
Stddev	8.415	7.141	237.05	66.694	10.856
%RSD	.3578602	.2837795	.3752846	.7985764	.2588285

#1	2360.438	2520.481	63340.09	8347.790	4187.172
#2	2349.895	2520.379	63262.98	8420.210	4206.810
#3	2343.806	2508.062	62896.41	8286.990	4188.969