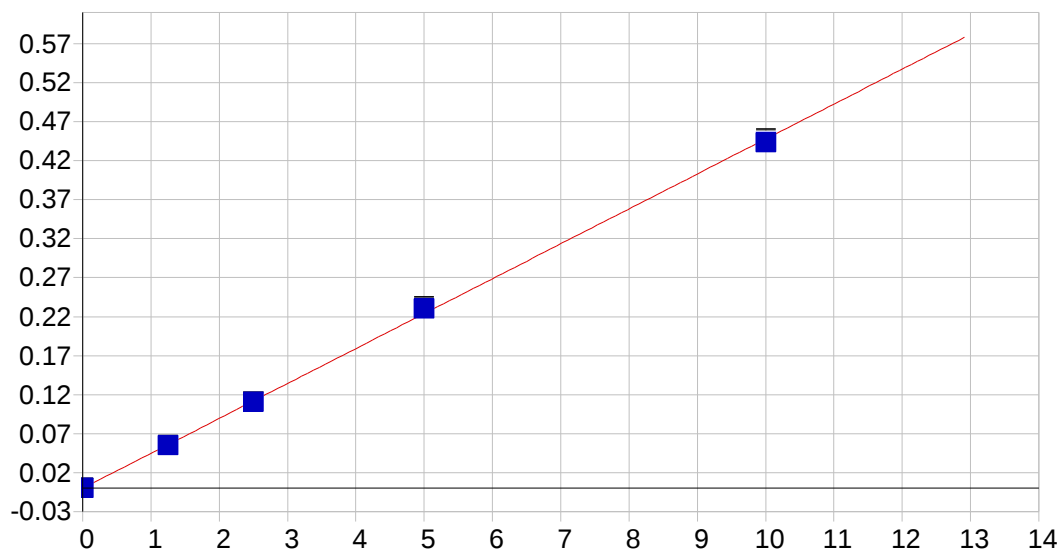


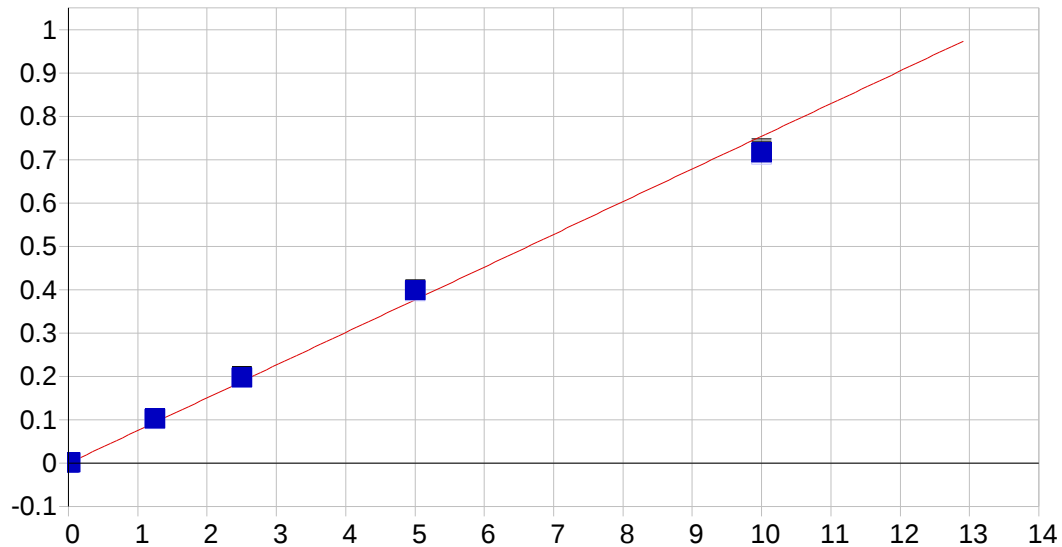


As 189.042 {479}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.044778 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999856 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002645
 Predicted MQL: 0.008816

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01000	.00957	.000	-4.32	.00040	.000	1
S2	1.2500	1.2334	-.017	-1.33	.05534	.000	1
S3	2.5000	2.4690	-.031	-1.24	.11080	.000	1
S4	5.0000	5.1403	.140	2.81	.23068	.002	1
S5	10.000	9.9077	-.092	-.923	.44468	.003	1



Date of Fit: 3/15/2018 12:01:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000179

Re-Slope: 1.000000

A1 (Gain): 0.075394

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998482

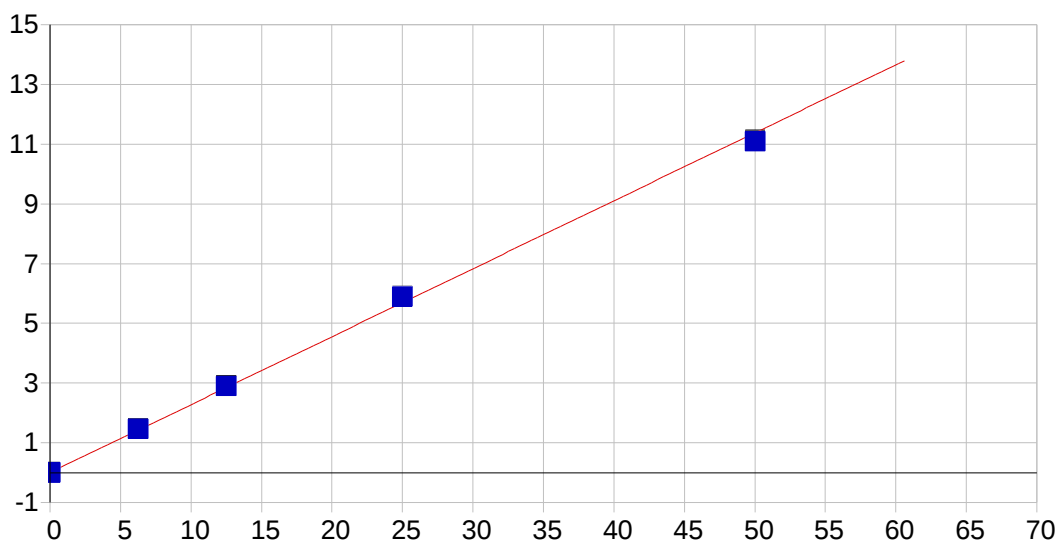
Status: OK.

Std Error of Est: 0.000110

Predicted MDL: 0.001665

Predicted MQL: 0.005549

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02500	.02458	.000	-1.68	.00165	.000	1
S2	1.2500	1.3544	.104	8.35	.10137	.001	1
S3	2.5000	2.6242	.124	4.97	.19653	.002	1
S4	5.0000	5.2801	.280	5.60	.39563	.002	1
S5	10.000	9.4917	-.508	-5.08	.71088	.009	1

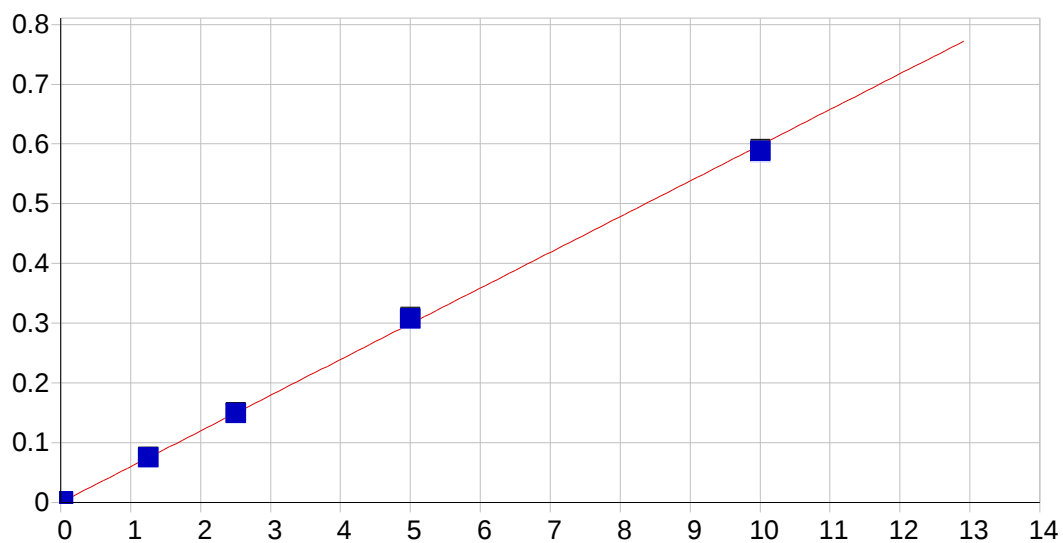


Pb 220.353 {453}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.227592 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999611 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.001296
 Predicted MQL: 0.004320

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.00764	-.002	-23.6	.00180	.000	1
S2	6.2500	6.4267	.177	2.83	1.4649	.010	1
S3	12.500	12.719	.219	1.75	2.8992	.011	1
S4	25.000	25.883	.883	3.53	5.8998	.016	1
S5	50.000	48.723	-1.28	-2.55	11.107	.039	1

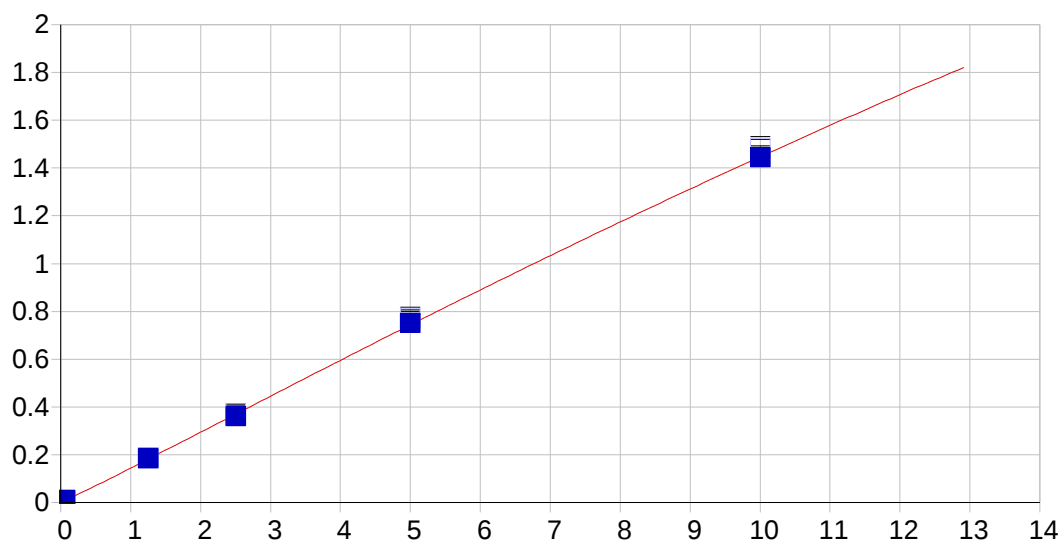


Se 196.090 {472}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.059776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.002785
 Predicted MQL: 0.009284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.03500	.02956	-.005	-15.5	.00193	.000	1
S2	1.2500	1.2606	.011	.849	.07517	.000	1
S3	2.5000	2.5002	.000	.008	.14892	.001	1
S4	5.0000	5.1465	.146	2.93	.30640	.002	1
S5	10.000	9.8482	-.152	-1.52	.58605	.002	1

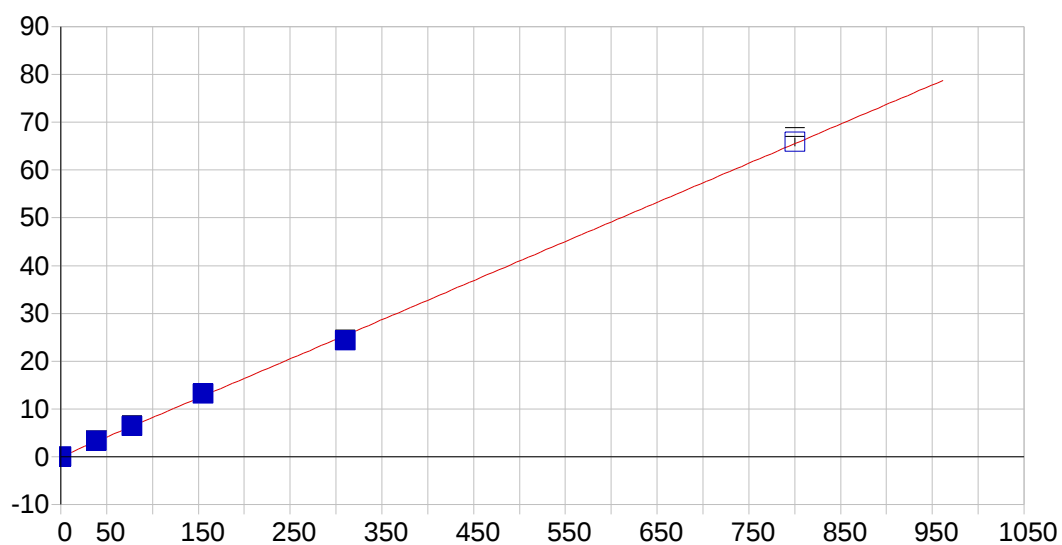


Sb 206.833 {463}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000594 Re-Slope: 1.000000
 A1 (Gain): 0.144713 Y-int: 0.000000
 A2 (Curvature): -0.001407
 n (Exponent): 1.050000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.001461
 Predicted MQL: 0.004870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.06000	.06363	.004	6.05	.00861	.000	1
S2	1.2500	1.2627	.013	1.02	.18810	.001	1
S3	2.5000	2.4457	-.054	-2.17	.37136	.001	1
S4	5.0000	5.0541	.054	1.08	.77114	.006	1
S5	10.000	9.9840	-.016	-.160	1.4844	.006	1

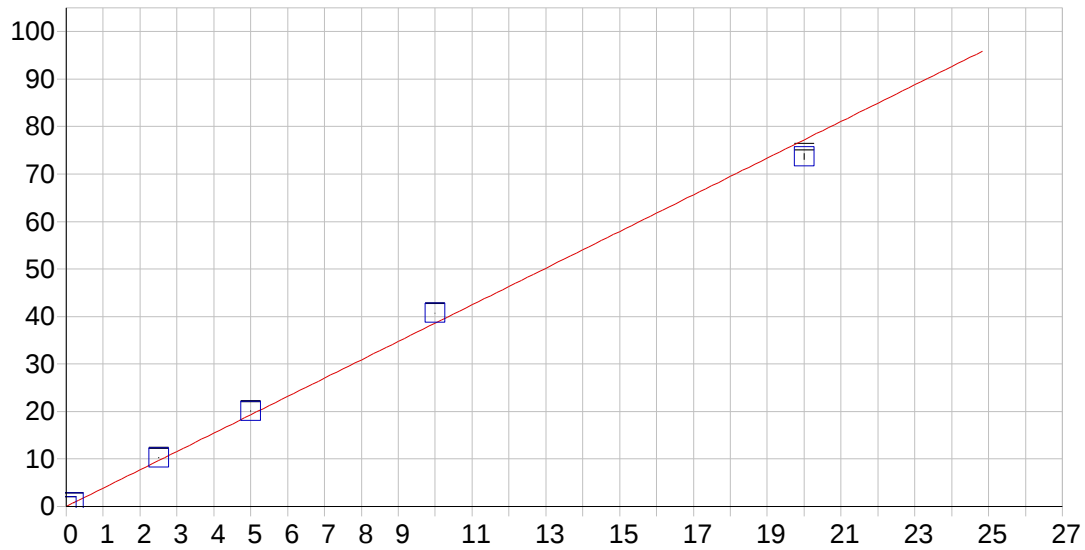


AI 396.152 { 85}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000185 Re-Slope: 1.000000
 A1 (Gain): 0.081894 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.001316
 Predicted MDL: 0.011792
 Predicted MQL: 0.039307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.00019	.000	1
S1	.20000	.20982	.010	4.91	.01702	.001	1
S2	38.750	40.645	1.90	4.89	3.3314	.038	1
S3	77.500	78.821	1.32	1.70	6.4607	.066	1
S4	155.00	160.59	5.59	3.61	13.163	.052	1
S5	310.00	296.59	-13.4	-4.33	24.312	.076	1
S6	800.00	804.59	4.59	.574	65.891	.906	1

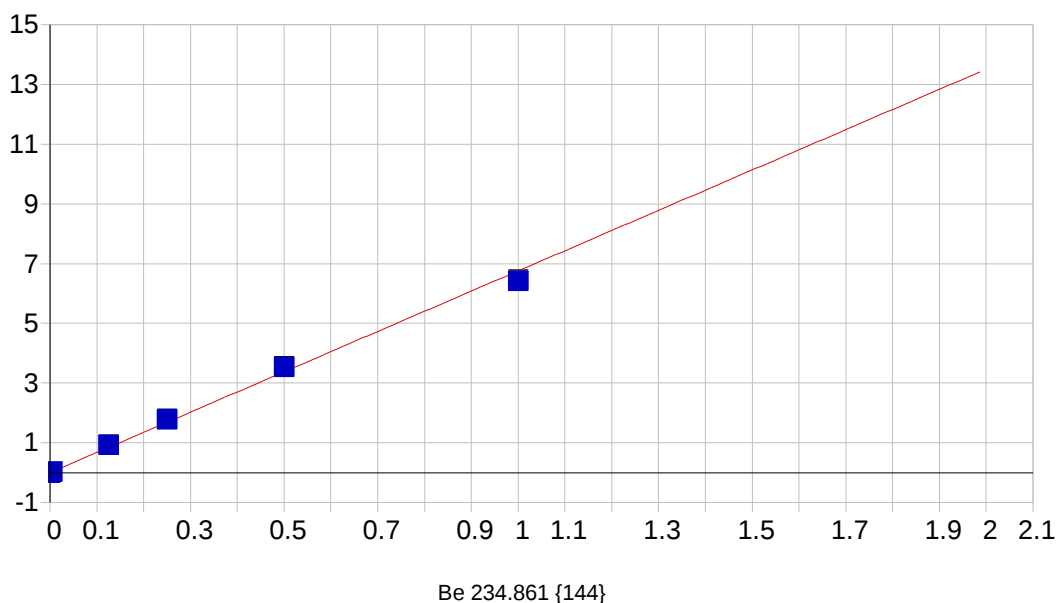


Ba 493.409 { 68}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004712 Re-Slope: 1.000000
 A1 (Gain): 3.860138 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998805 Status: OK.
 Std Error of Est: 0.020071
 Predicted MDL: 0.000642
 Predicted MQL: 0.002140

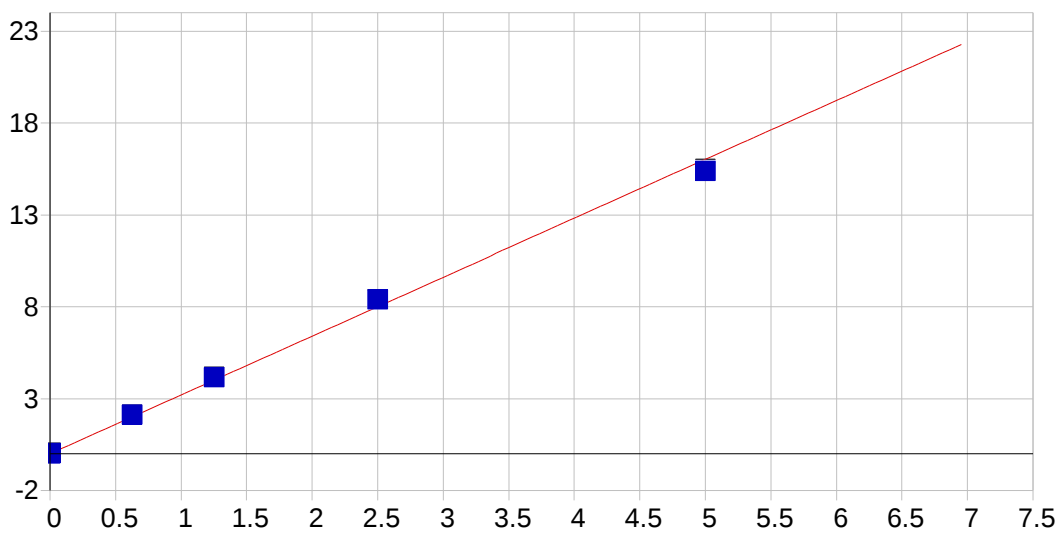
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00462	.003	1
S1	.20000	.20091	.001	.455	.78025	.002	1
S2	2.5000	2.6642	.164	6.57	10.289	.100	1
S3	5.0000	5.1982	.198	3.96	20.071	.115	1
S4	10.000	10.548	.548	5.48	40.722	.051	1
S5	20.000	19.089	-.911	-4.56	73.689	.702	1



Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003051 Re-Slope: 1.000000
 A1 (Gain): 6.757682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998597 Status: OK.
 Std Error of Est: 0.001339
 Predicted MDL: 0.000080
 Predicted MQL: 0.000268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00306	.001	1
S1	.00500	.00539	.000	7.75	.03333	.000	1
S2	.12500	.13722	.012	9.77	.92052	.006	1
S3	.25000	.26299	.013	5.19	1.7667	.025	1
S4	.50000	.52258	.023	4.52	3.5136	.020	1
S5	1.0000	.95183	-.048	-4.82	6.3996	.031	1

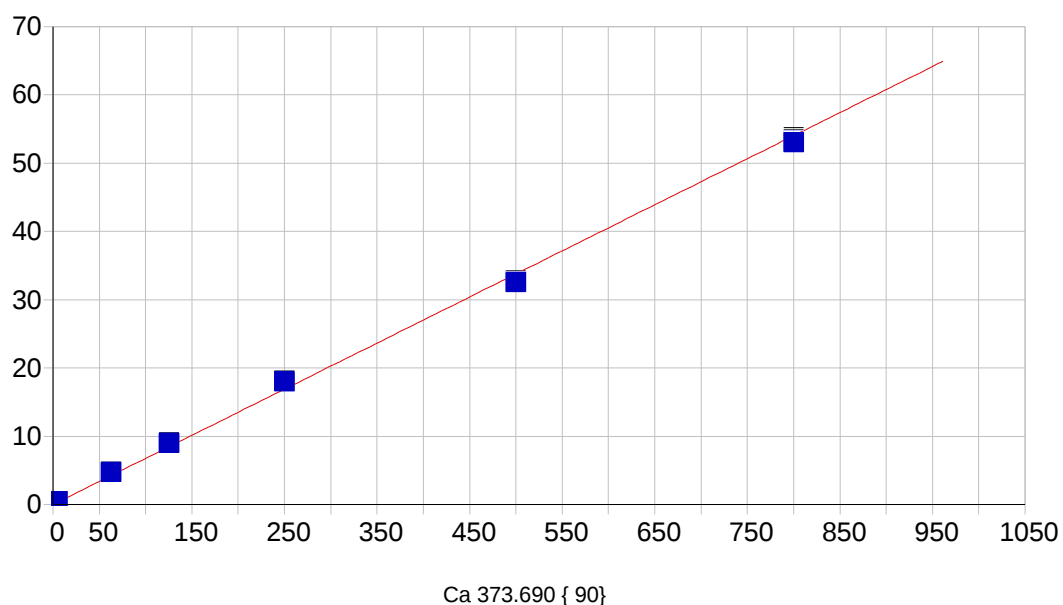


Cd 214.438 {457}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000291 Re-Slope: 1.000000
 A1 (Gain): 3.202813 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999119 Status: OK.
 Std Error of Est: 0.001130
 Predicted MDL: 0.000065
 Predicted MQL: 0.000217

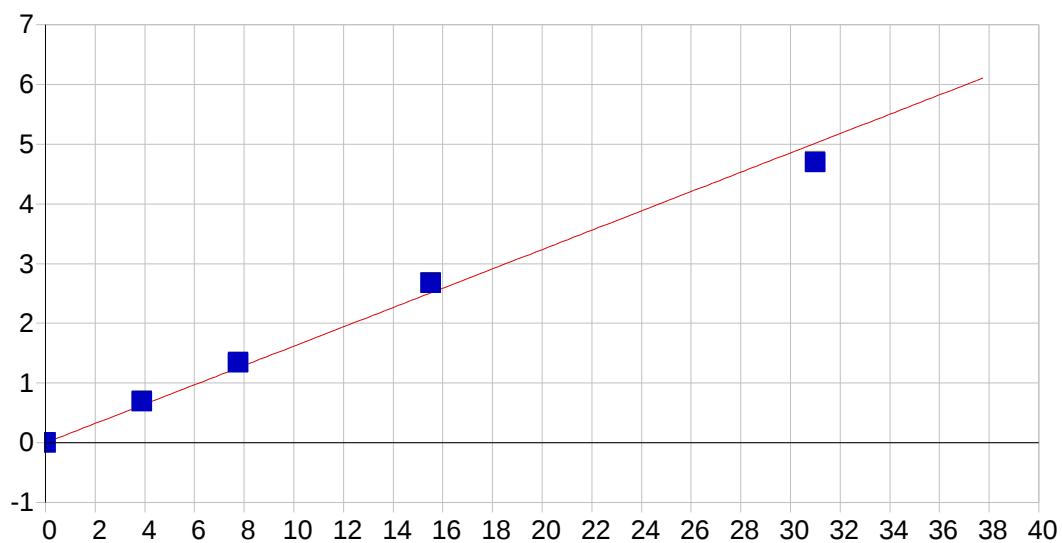
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.00500	.00485	.000	-2.98	.01526	.000	1
S2	.62500	.65775	.033	5.24	2.1105	.012	1
S3	1.2500	1.2982	.048	3.85	4.1657	.017	1
S4	2.5000	2.6154	.115	4.62	8.3929	.008	1
S5	5.0000	4.8038	-.196	-3.92	15.418	.079	1



Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003146 Re-Slope: 1.000000
 A1 (Gain): 0.067544 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999035 Status: OK.
 Std Error of Est: 0.010410
 Predicted MDL: 0.013688
 Predicted MQL: 0.045626

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00139	-.001	.000	.00305	.000	1
S1	5.0000	5.4331	.433	8.66	.37016	.001	1
S2	62.500	69.760	7.26	11.6	4.7300	.047	1
S3	125.00	132.86	7.86	6.29	9.0072	.065	1
S4	250.00	266.76	16.8	6.70	18.081	.032	1
S5	500.00	482.13	-17.9	-3.57	32.688	.070	1
S6	800.00	785.59	-14.4	-1.80	53.385	.392	1

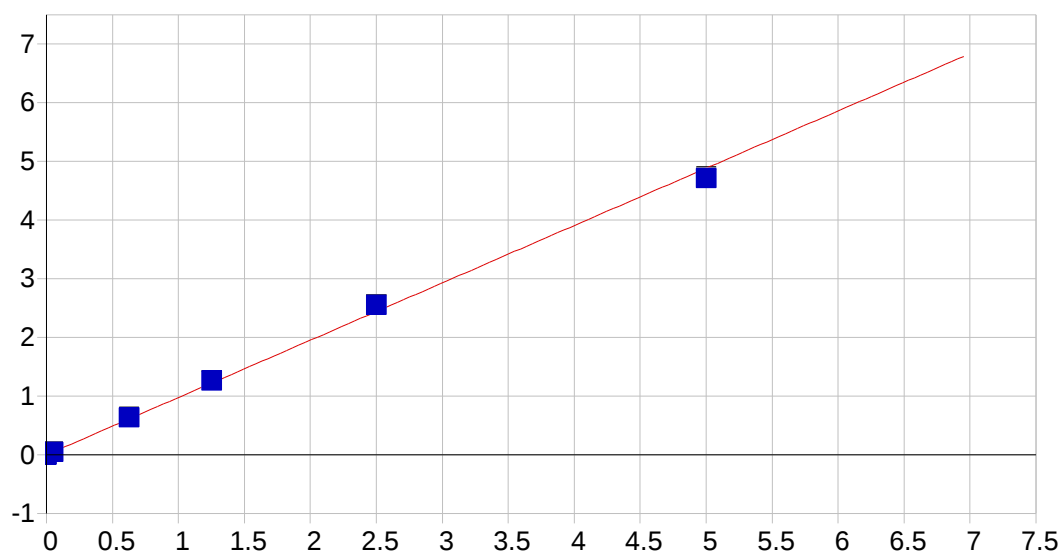


Cr 267.716 {126}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000065 Re-Slope: 1.000000
 A1 (Gain): 0.161792 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997638 Status: OK.
 Std Error of Est: 0.000329
 Predicted MDL: 0.000552
 Predicted MQL: 0.001839

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.01102	.001	10.2	.00172	.000	1
S2	3.8750	4.2891	.414	10.7	.69499	.001	1
S3	7.7500	8.3093	.559	7.22	1.3465	.002	1
S4	15.500	16.506	1.01	6.49	2.6749	.004	1
S5	31.000	29.019	-1.98	-6.39	4.7039	.005	1

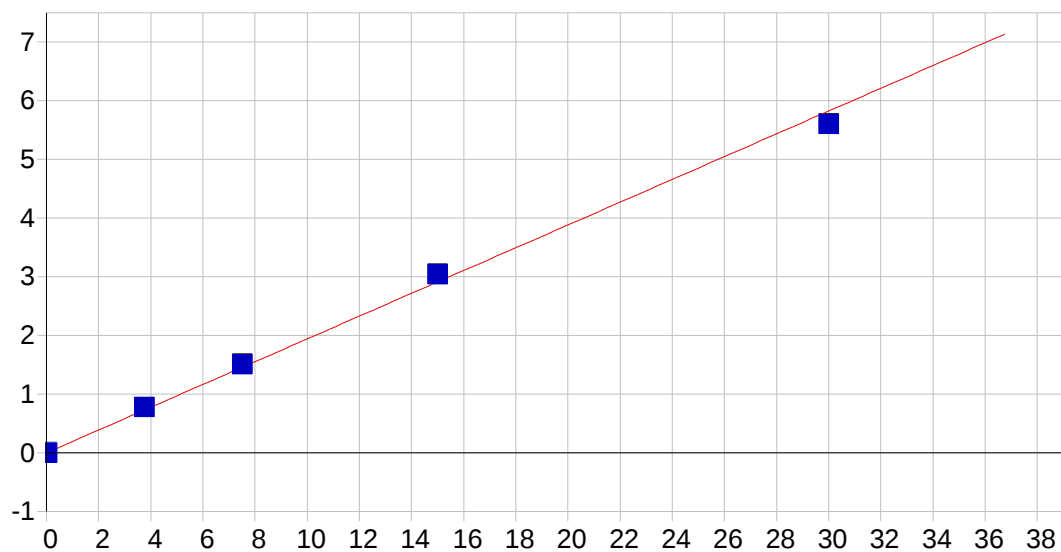


Co 228.616 {448}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000241 Re-Slope: 1.000000
 A1 (Gain): 0.977085 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999270 Status: OK.
 Std Error of Est: 0.000994
 Predicted MDL: 0.000212
 Predicted MQL: 0.000705

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00024	.000	1
S1	.05000	.04616	-.004	-7.69	.04504	.000	1
S2	.62500	.65140	.026	4.22	.63744	.004	1
S3	1.2500	1.2905	.041	3.24	1.2631	.004	1
S4	2.5000	2.6117	.112	4.47	2.5565	.009	1
S5	5.0000	4.8252	-.175	-3.50	4.7241	.022	1

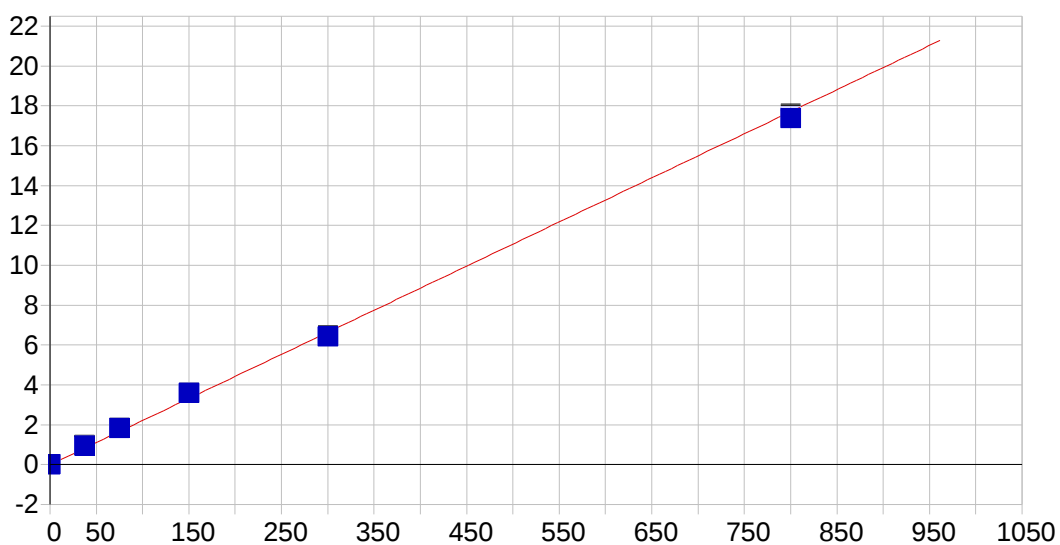


Cu 324.754 {104}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.194184 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999136 Status: OK.
 Std Error of Est: 0.000371
 Predicted MDL: 0.003047
 Predicted MQL: 0.010158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.02500	.02526	.000	1.03	.00502	.000	1
S2	3.7500	3.9908	.241	6.42	.77463	.006	1
S3	7.5000	7.7561	.256	3.41	1.5053	.010	1
S4	15.000	15.656	.656	4.37	3.0384	.013	1
S5	30.000	28.847	-1.15	-3.84	5.5981	.009	1

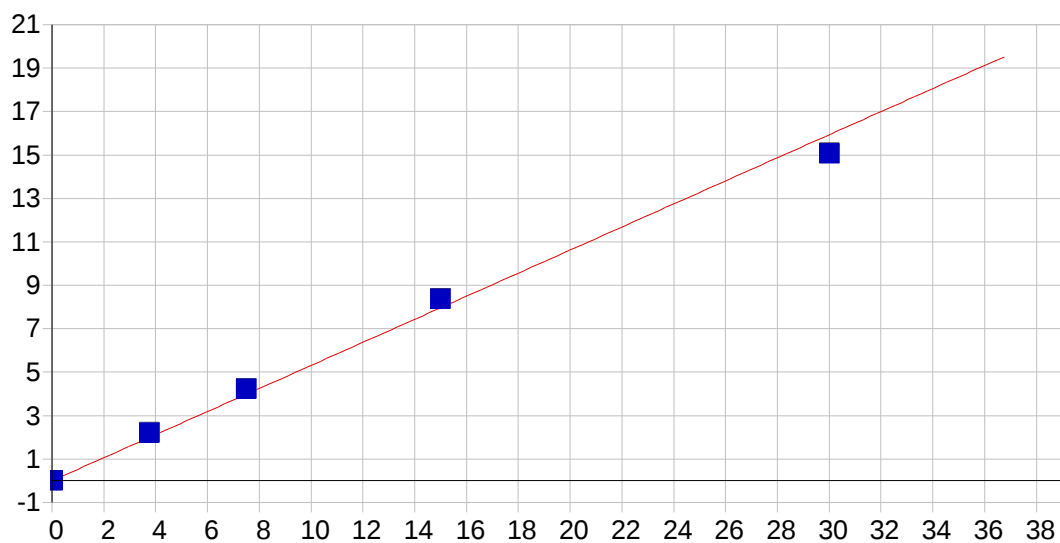


Fe 259.837 {130}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000204 Re-Slope: 1.000000
 A1 (Gain): 0.022137 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998909 Status: OK.
 Std Error of Est: 0.000454
 Predicted MDL: 0.012684
 Predicted MQL: 0.042282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00020	.000	1
S1	.10000	.10538	.005	5.38	.00258	.000	1
S2	37.500	42.924	5.42	14.5	.95486	.009	1
S3	75.000	81.895	6.89	9.19	1.8220	.010	1
S4	150.00	162.17	12.2	8.11	3.6080	.015	1
S5	300.00	289.87	-10.1	-3.38	6.4526	.018	1
S6	800.00	785.63	-14.4	-1.80	17.472	.121	1

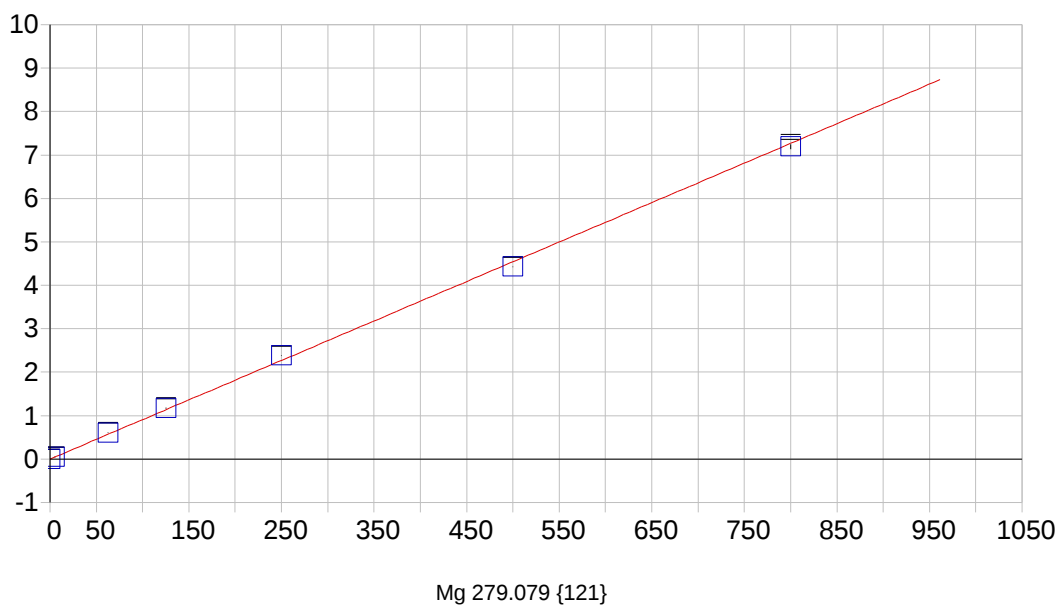


Mn 257.610 {131}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000210 Re-Slope: 1.000000
 A1 (Gain): 0.531134 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998164 Status: OK.
 Std Error of Est: 0.001147
 Predicted MDL: 0.000604
 Predicted MQL: 0.002015

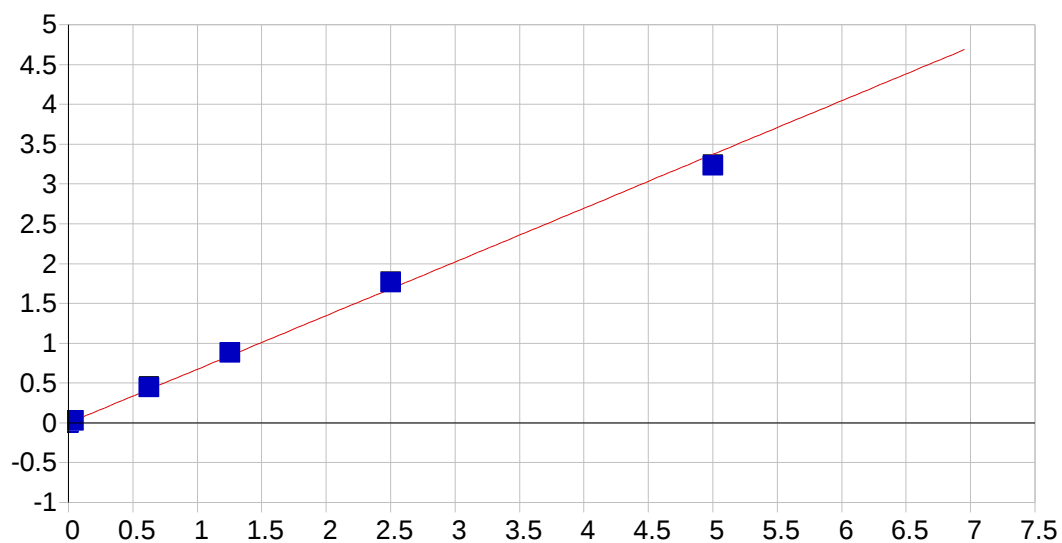
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01500	.01704	.002	13.6	.00884	.001	1
S2	3.7500	4.1724	.422	11.3	2.2164	.022	1
S3	7.5000	7.9583	.458	6.11	4.2276	.035	1
S4	15.000	15.774	.774	5.16	8.3797	.027	1
S5	30.000	28.343	-1.66	-5.52	15.057	.024	1



Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.009084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999605 Status: OK.
 Std Error of Est: 0.000891
 Predicted MDL: 0.036726
 Predicted MQL: 0.122421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00074	-.001	.000	-.00021	.000	1
S1	5.0000	5.1812	.181	3.62	.04686	.000	1
S2	62.500	66.650	4.15	6.64	.60524	.005	1
S3	125.00	129.16	4.16	3.33	1.1731	.009	1
S4	250.00	261.93	11.9	4.77	2.3792	.010	1
S5	500.00	487.66	-12.3	-2.47	4.4297	.007	1
S6	800.00	791.91	-8.09	-1.01	7.1934	.056	1

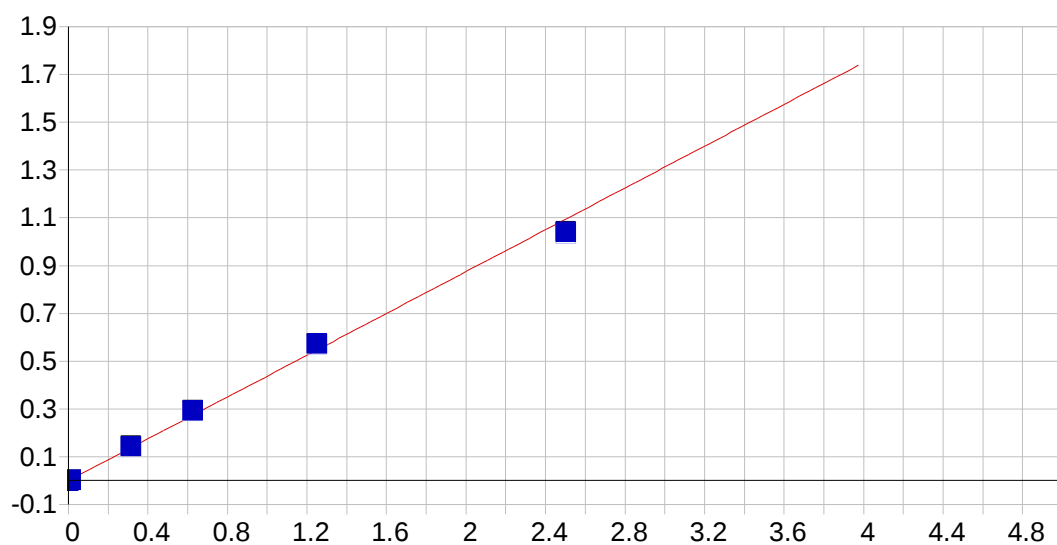


Ni 231.604 {446}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001191 Re-Slope: 1.000000
 A1 (Gain): 0.674203 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998995 Status: OK.
 Std Error of Est: 0.000720
 Predicted MDL: 0.000350
 Predicted MQL: 0.001167

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00119	.000	1
S1	.04000	.03975	.000	-.619	.02562	.000	1
S2	.62500	.66572	.041	6.51	.44850	.004	1
S3	1.2500	1.3031	.053	4.25	.87907	.002	1
S4	2.5000	2.6157	.116	4.63	1.7658	.008	1
S5	5.0000	4.7907	-.209	-4.19	3.2356	.011	1

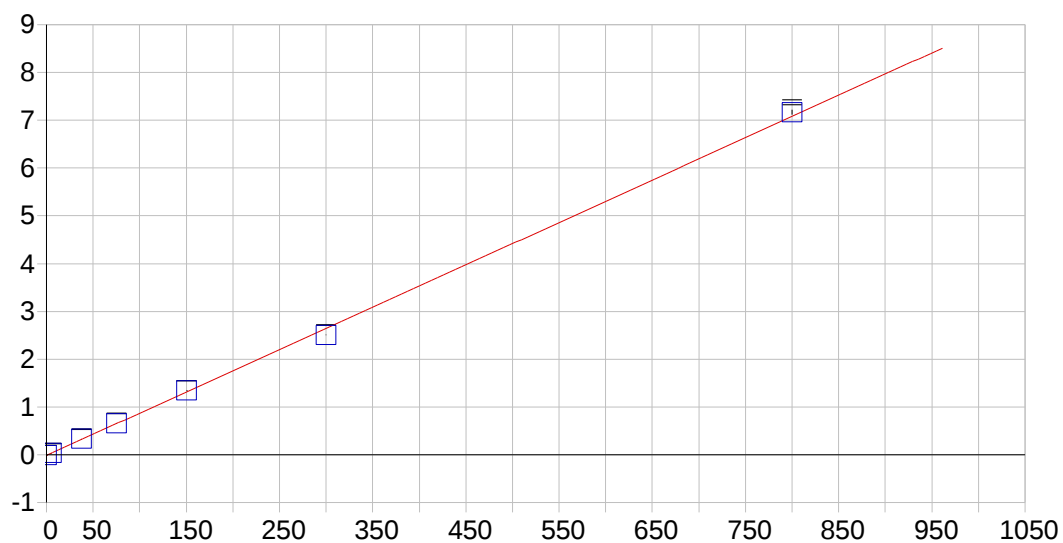


Ag 328.068 {103}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000341 Re-Slope: 1.000000
 A1 (Gain): 0.437544 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998603 Status: OK.
 Std Error of Est: 0.000193
 Predicted MDL: 0.000406
 Predicted MQL: 0.001353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.01004	.000	.371	.00402	.000	1
S2	.31250	.33066	.018	5.81	.14340	.000	1
S3	.62500	.66940	.044	7.10	.29069	.002	1
S4	1.2500	1.3093	.059	4.75	.56882	.001	1
S5	2.5000	2.3781	-.122	-4.88	1.0327	.004	1

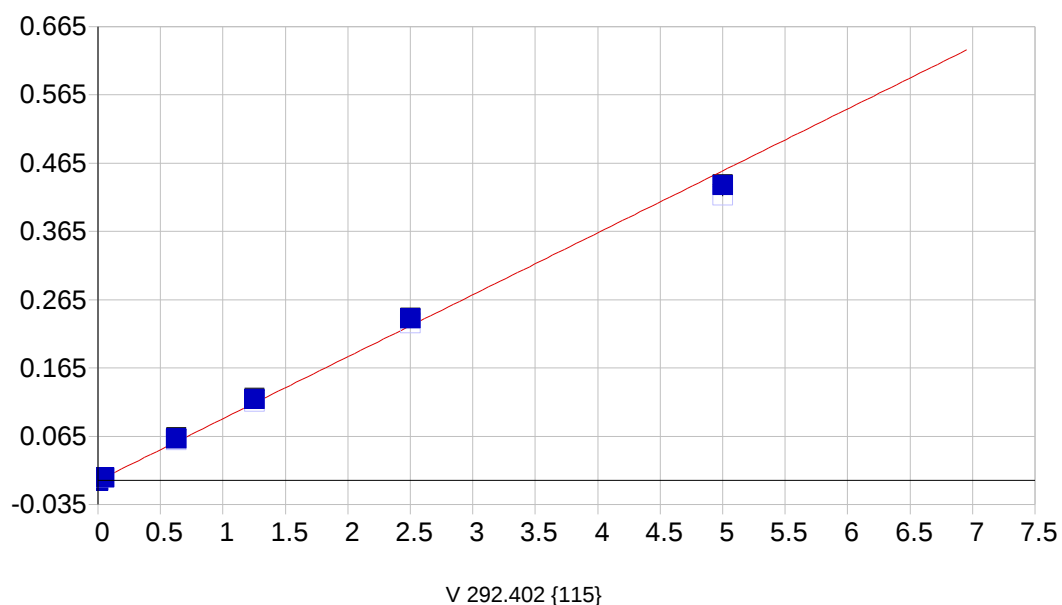


Na 818.326 { 41}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016181 Re-Slope: 1.000000
 A1 (Gain): 0.008868 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999606 Status: OK.
 Std Error of Est: 0.000770
 Predicted MDL: 0.251058
 Predicted MQL: 0.836861

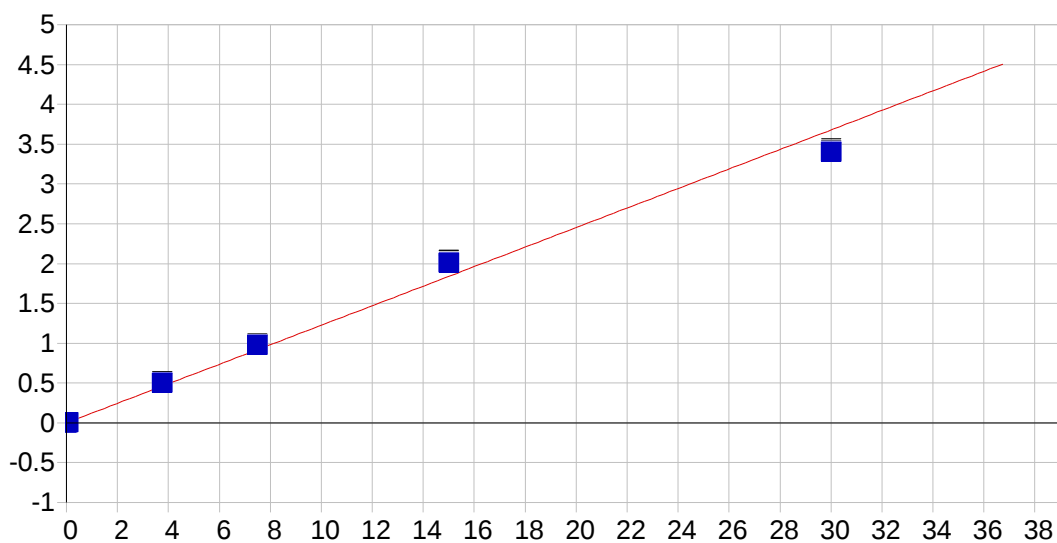
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	.000	.000	-.01618	.001	1
S1	5.0000	4.9444	-.056	-1.11	.02767	.003	1
S2	37.500	38.797	1.30	3.46	.32788	.005	1
S3	75.000	76.050	1.05	1.40	.65827	.007	1
S4	150.00	153.46	3.46	2.31	1.3448	.002	1
S5	300.00	284.37	-15.6	-5.21	2.5057	.003	1
S6	800.00	809.88	9.88	1.23	7.1662	.051	1



Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.090765 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998667 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.004197
 Predicted MQL: 0.013989

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00009	.000	1
S1	.05000	.04896	-.001	-2.09	.00434	.000	1
S2	.62500	.67628	.051	8.21	.05942	.001	1
S3	1.2500	1.3140	.064	5.12	.11544	.001	1
S4	2.5000	2.6163	.116	4.65	.22990	.001	1
S5	5.0000	4.7694	-.231	-4.61	.41784	.001	1

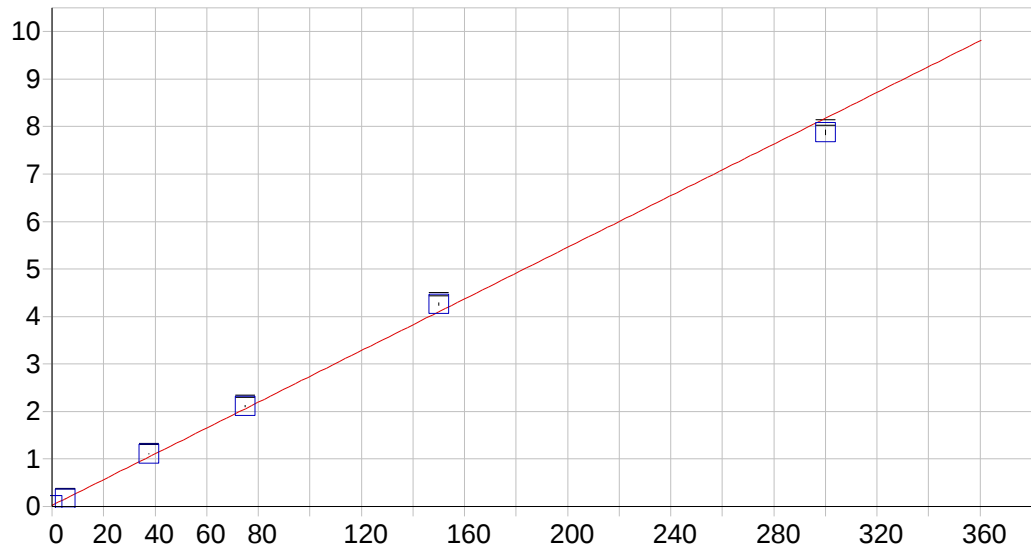


Zn 213.856 {158}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000395 Re-Slope: 1.000000
 A1 (Gain): 0.122634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996767 Status: OK.
 Std Error of Est: 0.000707
 Predicted MDL: 0.004479
 Predicted MQL: 0.014931

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00040	.000	1
S1	.06000	.06392	.004	6.54	.00747	.001	1
S2	3.7500	4.1135	.363	9.69	.50622	.008	1
S3	7.5000	7.9848	.485	6.46	.98314	.009	1
S4	15.000	16.408	1.41	9.39	2.0205	.027	1
S5	30.000	27.740	-2.26	-7.53	3.4187	.022	1

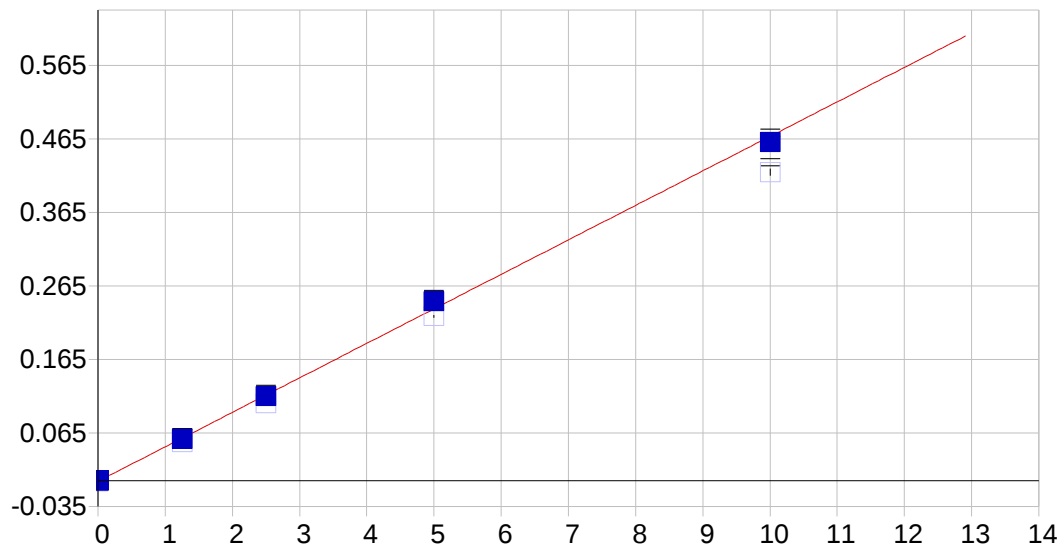


K 769.896 { 44}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021868 Re-Slope: 1.000000
 A1 (Gain): 0.027179 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999195 Status: OK.
 Std Error of Est: 0.002249
 Predicted MDL: 0.077569
 Predicted MQL: 0.258562

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00078	-.001	.000	.02185	.002	1
S1	5.0000	5.2822	.282	5.64	.16543	.002	1
S2	37.500	40.095	2.59	6.92	1.1116	.011	1
S3	75.000	77.008	2.01	2.68	2.1149	.021	1
S4	150.00	156.19	6.19	4.13	4.2671	.036	1
S5	300.00	288.92	-11.1	-3.69	7.8745	.058	1

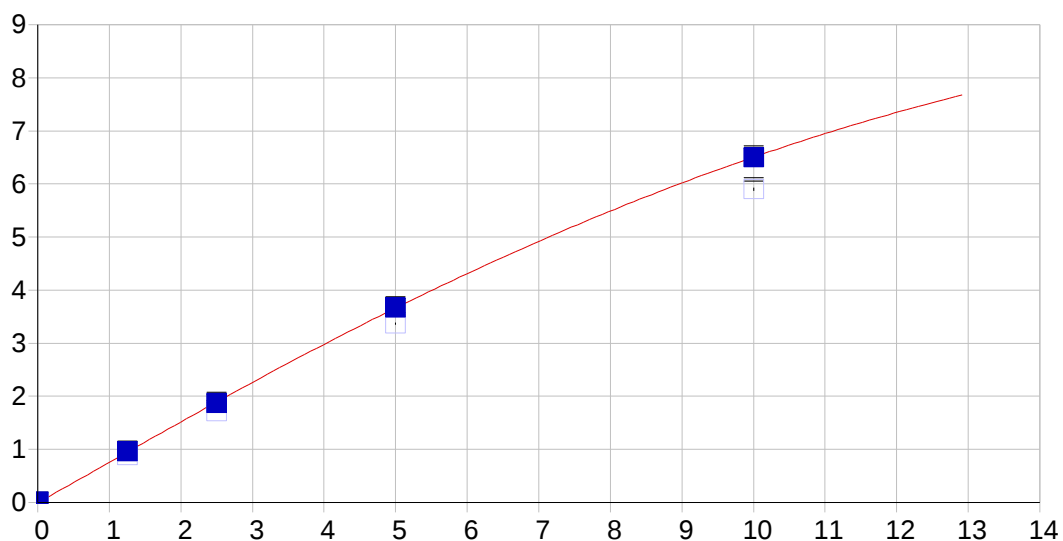


P 177.495 {490}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000813 Re-Slope: 1.000000
 A1 (Gain): 0.046904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999589 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.001994
 Predicted MQL: 0.006648

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00081	.000	1
S1	.01000	.01188	.002	18.8	-.00029	.000	1
S2	1.2500	1.2348	-.015	-1.22	.05205	.001	1
S3	2.5000	2.4753	-.025	-.990	.10517	.001	1
S4	5.0000	5.2127	.213	4.25	.22346	.002	1
S5	10.000	9.8253	-.175	-1.75	.41958	.005	1

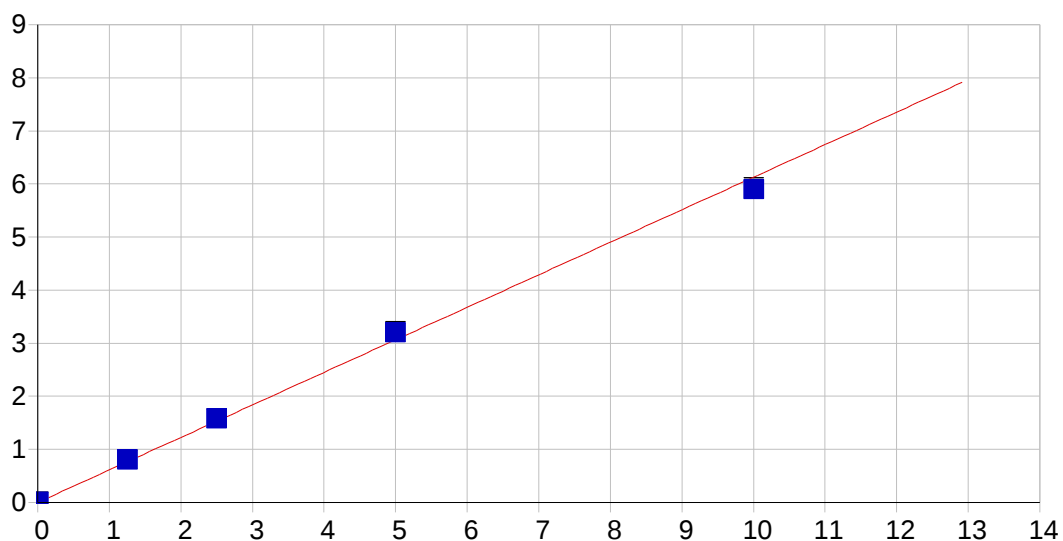


B 249.678 {135}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.007682 Re-Slope: 1.000000
 A1 (Gain): 0.763500 Y-int: 0.000000
 A2 (Curvature): -0.016434
 n (Exponent): 1.050000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.000894
 Predicted MQL: 0.002981

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00768	.001	1
S1	.01000	.00916	-.001	-8.40	.01306	.000	1
S2	1.2500	1.2705	.020	1.64	.88661	.005	1
S3	2.5000	2.4675	-.033	-1.30	1.7179	.021	1
S4	5.0000	5.0157	.016	.314	3.3706	.019	1
S5	10.000	9.9974	-.003	-.026	5.8994	.027	1

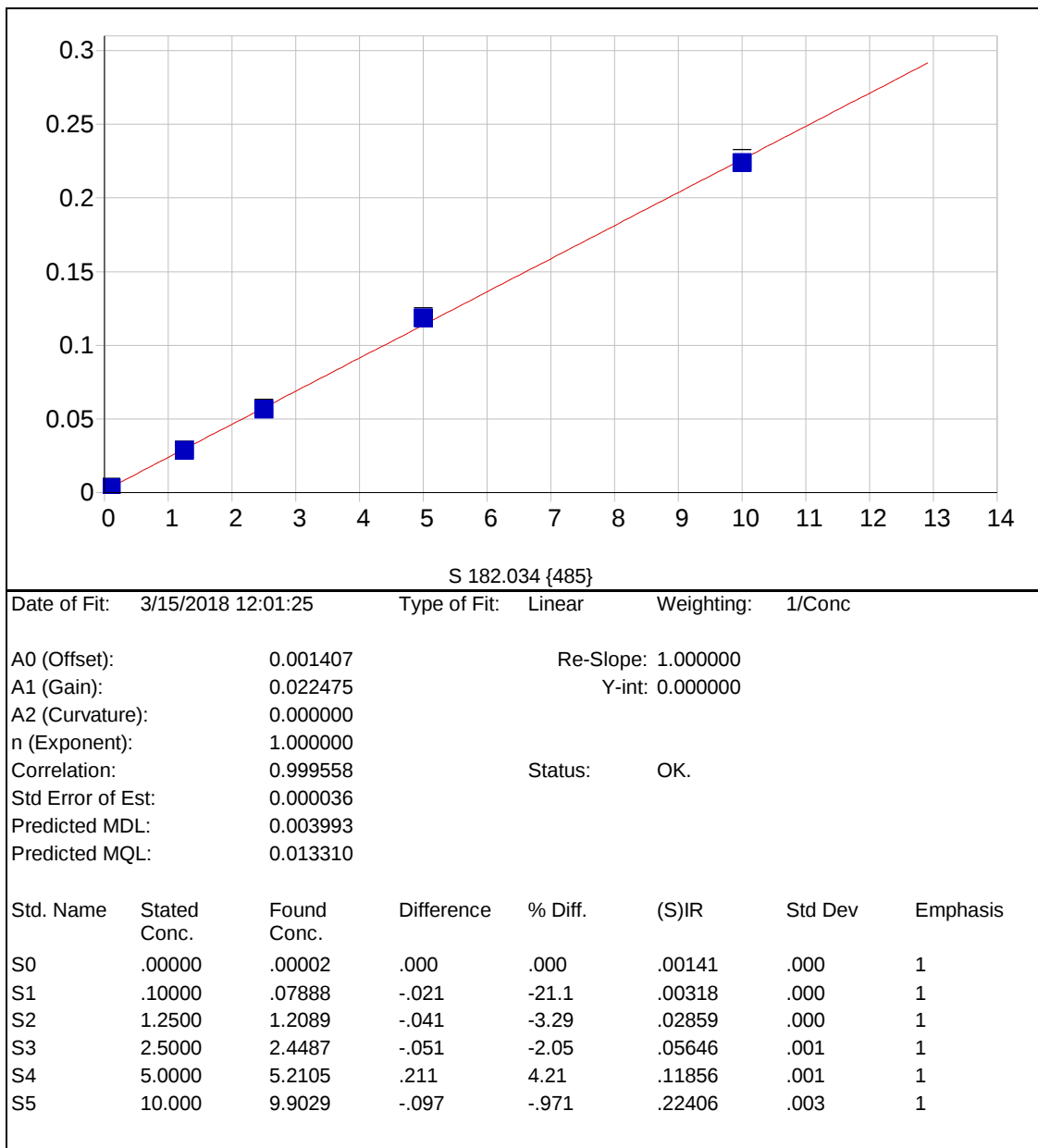


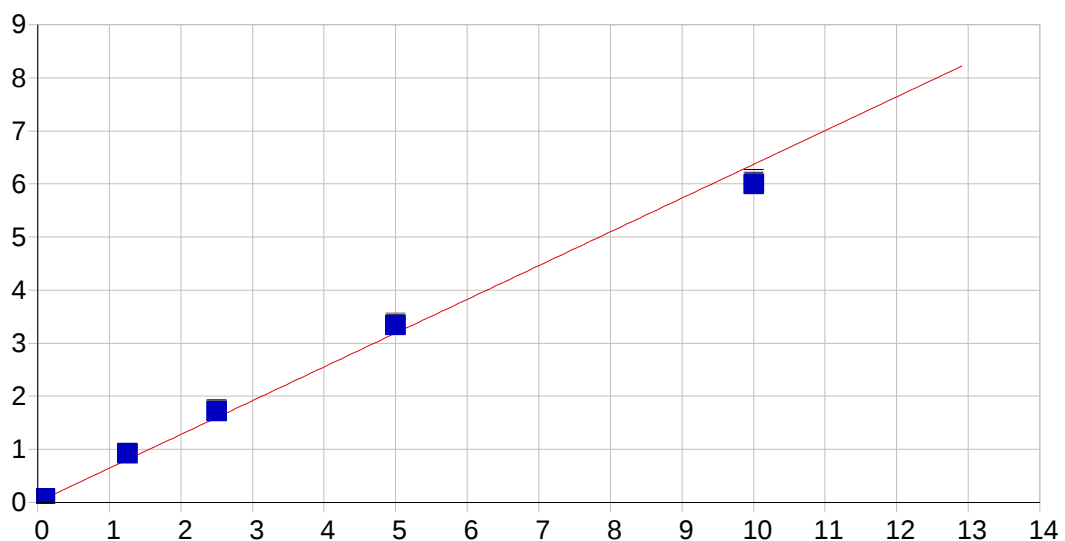
Mo 202.030 {467}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000193 Re-Slope: 1.000000
 A1 (Gain): 0.612687 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999241 Status: OK.
 Std Error of Est: 0.000400
 Predicted MDL: 0.000273
 Predicted MQL: 0.000909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.01000	.00983	.000	-1.66	.00622	.000	1
S2	1.2500	1.3078	.058	4.63	.80145	.005	1
S3	2.5000	2.5766	.077	3.06	1.5788	.006	1
S4	5.0000	5.2277	.228	4.55	3.2030	.022	1
S5	10.000	9.6380	-.362	-3.62	5.9050	.026	1



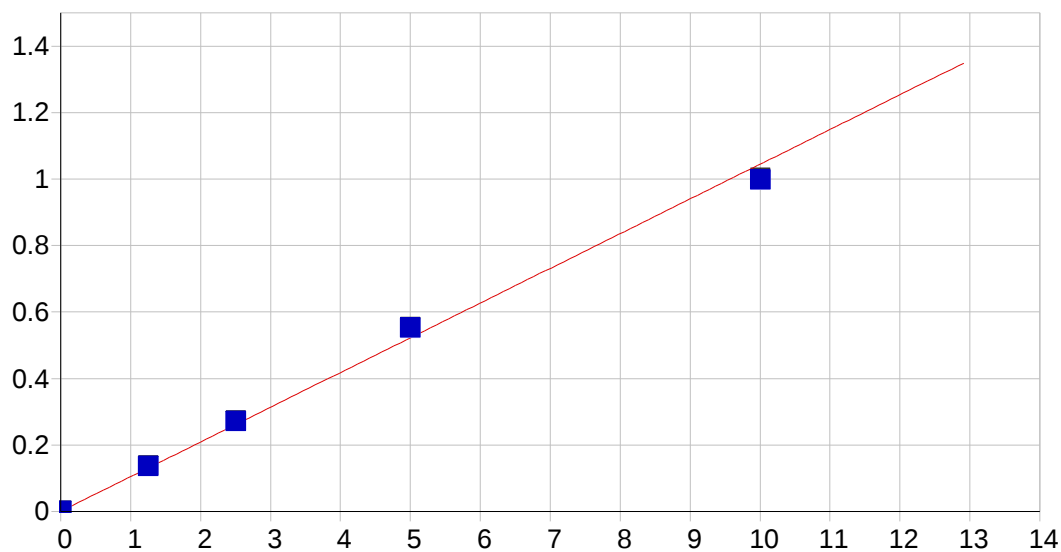


Si 251.611 {134}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009357 Re-Slope: 1.000000
 A1 (Gain): 0.635954 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997777 Status: OK.
 Std Error of Est: 0.002276
 Predicted MDL: 0.001090
 Predicted MQL: 0.003634

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00935	.000	1
S1	.10000	.09798	-.002	-2.02	.07189	.000	1
S2	1.2500	1.4329	.183	14.6	.92712	.004	1
S3	2.5000	2.6771	.177	7.08	1.7249	.024	1
S4	5.0000	5.2346	.235	4.69	3.3644	.015	1
S5	10.000	9.4075	-.592	-5.92	6.0442	.040	1

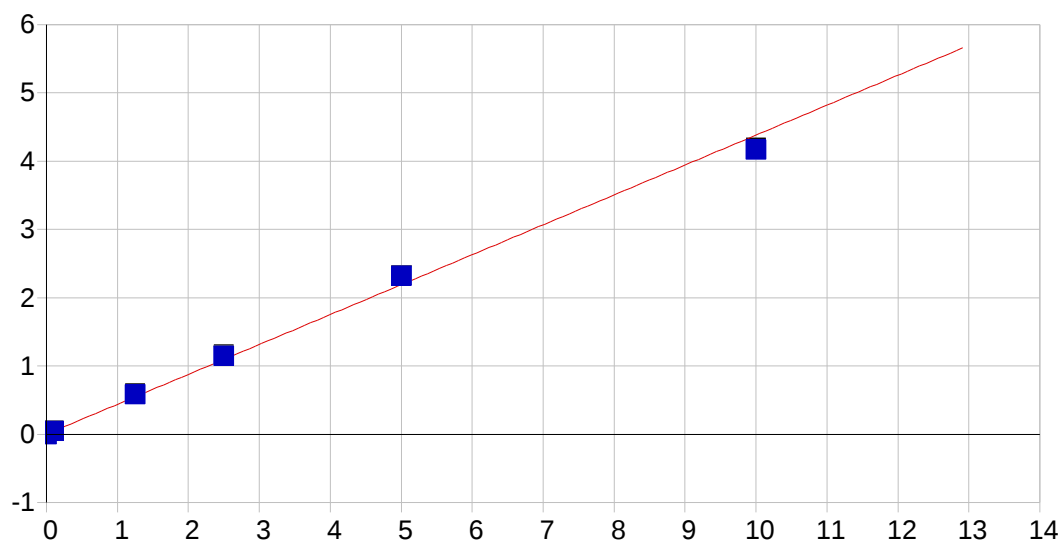


Sn 189.989 {478}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000308 Re-Slope: 1.000000
 A1 (Gain): 0.104436 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998883 Status: OK.
 Std Error of Est: 0.000069
 Predicted MDL: 0.000906
 Predicted MQL: 0.003020

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.00700	.00645	-.001	-7.88	.00095	.000	1
S2	1.2500	1.3031	.053	4.25	.13611	.001	1
S3	2.5000	2.5994	.099	3.98	.27121	.001	1
S4	5.0000	5.2860	.286	5.72	.55120	.002	1
S5	10.000	9.5621	-.438	-4.38	.99662	.004	1

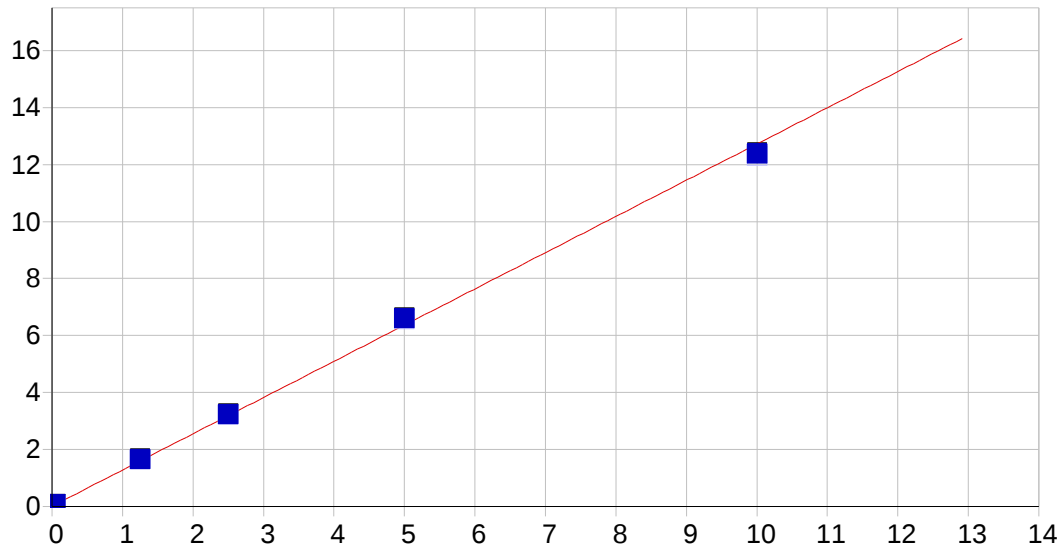


Ti 336.121 {100}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000216 Re-Slope: 1.000000
 A1 (Gain): 0.438221 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998629 Status: OK.
 Std Error of Est: 0.001220
 Predicted MDL: 0.001502
 Predicted MQL: 0.005007

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00021	.000	1
S1	.10000	.09568	-.004	-4.32	.04213	.000	1
S2	1.2500	1.3377	.088	7.01	.58620	.002	1
S3	2.5000	2.6178	.118	4.71	1.1470	.012	1
S4	5.0000	5.2849	.285	5.70	2.3153	.013	1
S5	10.000	9.5140	-.486	-4.86	4.1678	.022	1



Li 670.784 { 50}

Date of Fit: 3/15/2018 12:01:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010368 Re-Slope: 1.000000
 A1 (Gain): 1.271076 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999527 Status: OK.
 Std Error of Est: 0.001460
 Predicted MDL: 0.001616
 Predicted MQL: 0.005387

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01037	.001	1
S5	10.000	9.7250	-.275	-2.75	12.300	.049	1
S4	5.0000	5.1872	.187	3.74	6.5679	.023	1
S3	2.5000	2.5426	.043	1.70	3.2243	.017	1
S2	1.2500	1.2994	.049	3.95	1.6531	.010	1
S1	.05000	.04577	-.004	-8.46	.06842	.004	1



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

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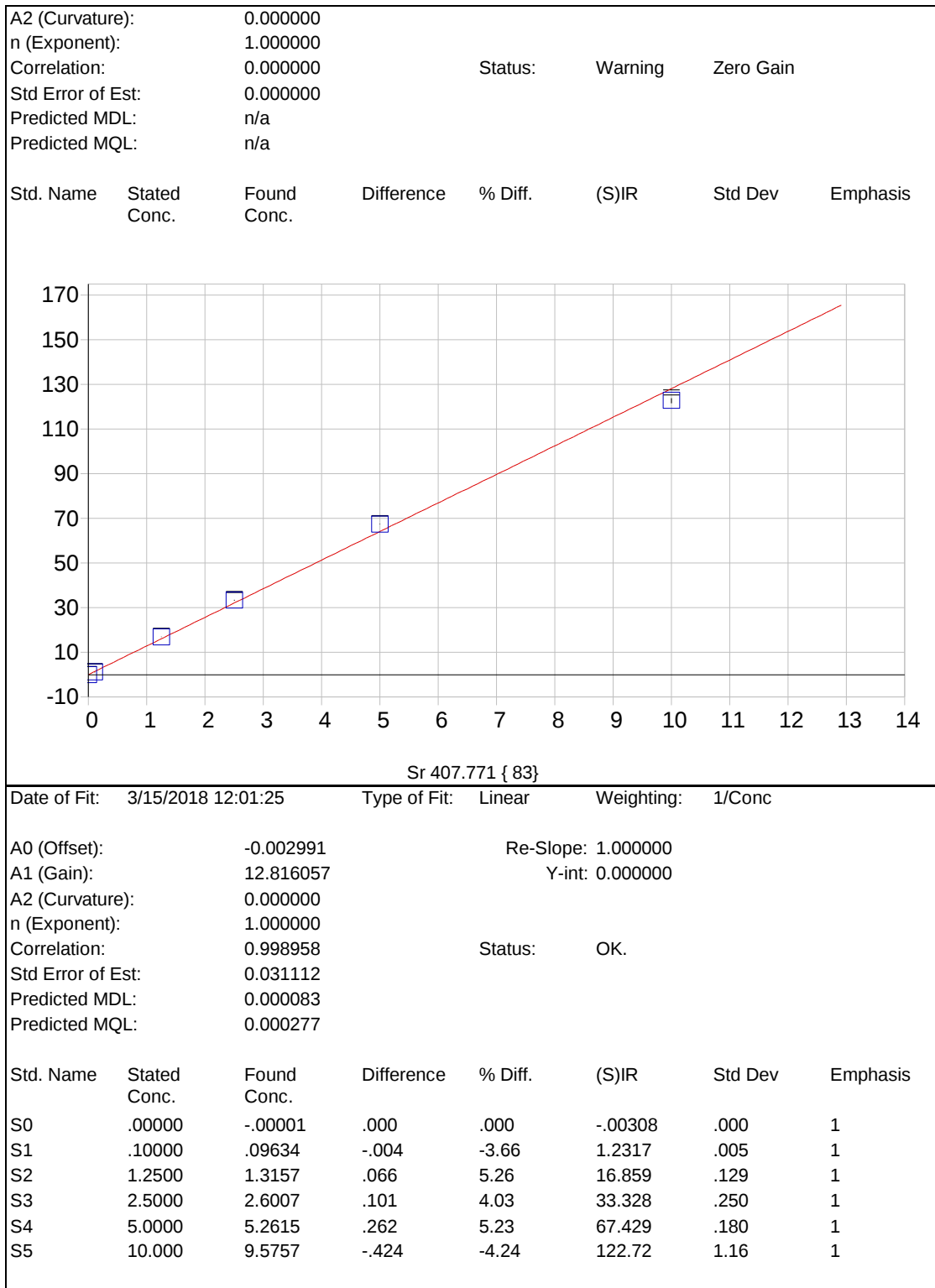
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000





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
							
ln 230.606 {446}* Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc							
A0 (Offset):	0.000000	Re-Slope: 1.000000					
A1 (Gain):	0.000000	Y-int: 0.000000					



Sample Name: J1729-02 Acquired: 3/15/2018 12:31:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000784	-.000238	-.000088	.0006779	-.003345	.0095509	.0008952
Stddev	.000551	.000595	.001585	.0023068	.000719	.0088391	.0006484
%RSD	70.30131	250.0169	1792.278	340.2802	21.48003	92.54728	72.43559

#1	-.001370	.000441	.001619	.0013985	-.002821	.0053013	.0015050
#2	-.000703	-.000487	-.000371	-.001903	-.004164	.0197121	.0009667
#3	-.000278	-.000669	-.001513	.002538	-.003050	.0036392	.0002140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001247	-.000008	.2522032	.0073999	.0002233	.0061671	.0932535
Stddev	.0000428	.000044	.0070435	.0004544	.0000698	.0009906	.0132137
%RSD	34.35287	580.7965	2.792781	6.141104	31.23322	16.06247	14.16961

#1	.0000813	-.000019	.2593974	.0072448	.0002165	.0059584	.1075182
#2	.0001260	.000041	.2453208	.0070434	.0002962	.0072455	.0814319
#3	.0001669	-.000045	.2518915	.0079116	.0001572	.0052976	.0908103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019065	.0568874	.0055898	.0004096	.1147366	-.000044	.0075476
Stddev	.0000796	.0230124	.0004052	.0000813	.1802023	.002455	.0037780
%RSD	4.174156	40.45251	7.248786	19.84005	157.0575	5520.964	50.05581

#1	.0019197	.0540448	.0052701	.0003702	.2665734	.001998	.0109569
#2	.0018212	.0811890	.0060455	.0005030	-.084397	.000637	.0034859
#3	.0019787	.0354284	.0054537	.0003555	.162034	-.002768	.0082000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.643220	.0013657	.0417079	.0014533	.0016662	.0171365	-.001461
Stddev	.078413	.0010143	.0010902	.0001463	.0003936	.0004605	.000692
%RSD	12.19070	74.27135	2.613932	10.06940	23.61923	2.687394	47.32380

#1	-.636909	.0010303	.0428571	.0013774	.0012419	.0176208	-.002165
#2	-.568153	.0025053	.0415783	.0013605	.0020193	.0167042	-.001436
#3	-.724597	.0005616	.0406882	.0016220	.0017374	.0170844	-.000783

Sample Name: J1729-02 Acquired: 3/15/2018 12:31:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010581	-.003951	.0011348
Stddev	.0015801	.000863	.0000900
%RSD	149.3300	21.84260	7.929464

#1	.0022160	-.003507	.0012373
#2	.0017004	-.003401	.0010984
#3	-.000742	-.004946	.0010688

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.466	3916.124	42478.90	5205.684	4660.591
Stddev	4.029	25.166	197.55	38.312	34.233
%RSD	.2111053	.6426312	.4650631	.7359704	.7345153

#1	1909.427	3933.474	42541.71	5211.142	4687.139
#2	1911.927	3927.636	42637.41	5240.974	4672.680
#3	1904.043	3887.260	42257.58	5164.935	4621.954

Sample Name: J1729-01 Acquired: 3/15/2018 12:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021153	.0003990	.0038229	.0065813	-.000646	.7302909
Stddev	.0017519	.0006697	.0011673	.0017438	.001685	.0103084
%RSD	82.82158	167.8428	30.53492	26.49608	260.7571	1.411548

#1	.0008389	.0007822	.0026030	.0045697	-.002089	.7314823
#2	.0013943	-.000374	.0039365	.0075102	.001206	.7194386
#3	.0041127	.000789	.0049293	.0076641	-.001056	.7399518

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1782961	.0003554	.0000193	48.76473	.0052787	.0000054
Stddev	.0012152	.0000376	.0000219	.09608	.0003751	.0001454
%RSD	.6815634	10.58278	113.4000	.1970281	7.106163	2674.399

#1	.1769418	.0003710	.0000148	48.66096	.0052841	.0000989
#2	.1792913	.0003125	.000000	48.85060	.0049009	.0000795
#3	.1786553	.0003826	.000043	48.78263	.0056510	-.000162

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119918	.9099301	.2299373	19.83689	.0028616	.0005614
Stddev	.0007345	.0111441	.0003237	.05736	.0000419	.0003143
%RSD	6.124663	1.224718	.1407881	.2891445	1.465401	55.98734

#1	.0127109	.9156617	.2296813	19.79785	.0029085	.0006151
#2	.0112429	.8970867	.2298295	19.81006	.0028277	.0008455
#3	.0120215	.9170418	.2303012	19.90274	.0028487	.0002237

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.62869	.0020941	.0132278	3.184541	.0326937	C .0000000
Stddev	.24954	.0033504	.0023040	.065703	.0033572	.0000000
%RSD	.4567850	159.9928	17.41767	2.063200	10.26860	.0000000

#1	54.34796	-.001694	.0107637	3.223710	.0362492	C .0000000
#2	54.82529	.003307	.0135913	3.108687	.0295782	C .0000000
#3	54.71283	.004669	.0153284	3.221227	.0322537	C .0000000

Sample Name: J1729-01 Acquired: 3/15/2018 12:27:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144039	8.648395	7.771247	-.002874	.0095004	.0307848
Stddev	.0000995	.034262	.105903	.000792	.0009731	.0007158
%RSD	.6904484	.3961648	1.362758	27.55013	10.24220	2.325104

#1	.0145091	8.649416	7.774686	-.003786	.0087571	.0299637
#2	.0143909	8.613634	7.875389	-.002361	.0106017	.0311133
#3	.0143115	8.682135	7.663666	-.002475	.0091424	.0312774

Elem	Sr4077
Units	ppm
Avg	.6725408
Stddev	.0057097
%RSD	.8489752

#1	.6683927
#2	.6790529
#3	.6701769

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.277	3792.575	41044.59	5151.530	4266.343
Stddev	10.266	14.234	284.86	37.467	23.702
%RSD	.5524233	.3752992	.6940358	.7272977	.5555575

#1	1870.054	3800.077	41328.58	5177.160	4276.896
#2	1851.219	3801.488	41046.33	5108.530	4282.936
#3	1853.559	3776.160	40758.86	5168.898	4239.198

Sample Name: PB107202BS Acquired: 3/15/2018 12:23:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0177782	.0506674	.0176281	.0694860	.1212014	.4876246
Stddev	.0021463	.0007421	.0006700	.0022156	.0015258	.0045242
%RSD	12.07268	1.464633	3.800808	3.188566	1.258921	.9278027

#1	.0159140	.0513783	.0168546	.0718297	.1223246	.4917263
#2	.0201246	.0507263	.0180001	.0692026	.1194642	.4827719
#3	.0172962	.0498976	.0180295	.0674257	.1218155	.4883755

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3779556	.0100671	.0099501	10.26116	F .0283248	.0939696
Stddev	.0017500	.0000565	.0000979	.04716	.0001591	.0001018
%RSD	.4630178	.5608707	.9841390	.4596270	.5618467	.1083506

#1	.3799187	.0100107	.0100437	10.31429	.0281828	.0940869
#2	.3773892	.0100671	.0098484	10.24496	.0282947	.0939046
#3	.3765590	.0101236	.0099583	10.22424	.0284968	.0939172

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551244	F .2824295	.0311042	9.627140	.0809196	.0186093
Stddev	.0019077	.0072567	.0007407	.067835	.0004106	.0001227
%RSD	3.460656	2.569377	2.381372	.7046176	.5074560	.6595742

#1	.0543983	.2761678	.0315494	9.611479	.0807165	.0187192
#2	.0536864	.2903824	.0302492	9.568505	.0806501	.0184769
#3	.0572884	.2807383	.0315141	9.701435	.0813922	.0186320

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.341833	.0950186	.1168872	8.732894	.0227376	F .1931407
Stddev	.056140	.0005347	.0066097	.025046	.0007572	.0009520
%RSD	.6009484	.5627600	5.654809	.2868059	3.330095	.4929002

#1	9.363231	.0955809	.1244441	8.760520	.0233390	.1922420
#2	9.278141	.0949586	.1140354	8.726493	.0229864	.1930419
#3	9.384126	.0945165	.1121820	8.711669	.0218873	.1941382

Sample Name: PB107202BS Acquired: 3/15/2018 12:23:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0204437	.1652041	.1713159	F .0125311	.1987734	.0940975
Stddev	.0003804	.0054286	.0015072	.0008329	.0012065	.0014400
%RSD	1.860738	3.286010	.8797756	6.646327	.6069535	1.530370

#1	.0206022	.1596900	.1709238	.0125697	.1999322	.0932990
#2	.0200097	.1653793	.1729804	.0116797	.1988637	.0957598
#3	.0207193	.1705430	.1700435	.0133440	.1975243	.0932335

Elem	Sr4077
Units	ppm
Avg	.1992962
Stddev	.0006016
%RSD	.3018557

#1	.1995189
#2	.1997547
#3	.1986151

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.698	3637.293	39319.59	4965.164	4200.803
Stddev	6.382	4.920	96.77	3.929	6.676
%RSD	.3645403	.1352672	.2461152	.0791286	.1589223

#1	1744.026	3631.653	39207.86	4960.678	4193.100
#2	1751.322	3640.706	39373.96	4967.994	4204.909
#3	1756.745	3639.519	39376.94	4966.820	4204.400

Sample Name: PB107202BL Acquired: 3/15/2018 12:19:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	-.001295	.0002792	-.000974	.0002991	-.001439	.0005480	-.001468
Stddev	.003994	.0023682	.000978	.0054132	.001783	.0065223	.000457
%RSD	308.5102	848.1787	100.3732	1809.993	123.9458	1190.268	31.10913

#1	-.000123	.0030005	-.001513	.0064814	-.002339	-.001362	-.001071
#2	.001982	-.001314	.000154	-.001994	-.002591	.007812	-.001366
#3	-.005743	-.000848	-.001563	-.003590	.000615	-.004806	-.001967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0000432	.0038429	.0003599	.0000250	.0047223	-.012292
Stddev	.000087	.0000216	.0065948	.0002001	.0000190	.0008571	.012182
%RSD	5624.603	50.04627	171.6103	55.61350	76.04608	18.15120	99.11145

#1	-.000040	.0000254	.0002301	.0005861	.0000306	.0055008	-.013790
#2	.000098	.0000673	-.000156	.0002875	.0000038	.0048623	.000571
#3	-.000062	.0000369	.011455	.0002060	.0000405	.0038037	-.023656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002933	-.016683	-.000024	.0000860	.1920467	.0006696	.0005470
Stddev	.0001226	.028167	.000292	.0001421	.2201234	.0044137	.0024201
%RSD	41.81879	168.8412	1222.681	165.2082	114.6198	659.1216	442.4588

#1	.0003946	.014386	.000169	.0001296	-.038160	-.003276	.0019426
#2	.0003282	-.040551	-.000360	.0002011	.213833	-.000152	.0019459
#3	.0001569	-.023883	.000119	-.000073	.400467	.005436	-.002248

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081805	-.001080	-.002250	.0002814	-.010060	-.008666	-.000172
Stddev	.043349	.000860	.000651	.0000379	.001383	.000500	.000184
%RSD	52.99052	79.63647	28.94833	13.47695	13.74317	5.773840	106.5304

#1	-.038128	-.000845	-.002686	.0002864	-.010999	-.008158	-.000242
#2	-.124818	-.000361	-.002563	.0002413	-.008473	-.008682	.000036
#3	-.082469	-.002032	-.001501	.0003167	-.010709	-.009158	-.000311

Sample Name: PB107202BL Acquired: 3/15/2018 12:19:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0005630	-.000584	-.000064
Stddev	.0004545	.001139	.000034
%RSD	80.71972	195.0771	53.59857

#1	.0006455	.000571	-.000042
#2	.0009705	-.000617	-.000047
#3	.0000729	-.001706	-.000104

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.241	3676.905	39556.05	4955.785	4332.388
Stddev	5.627	8.691	46.38	8.644	12.825
%RSD	.3204187	.2363754	.1172629	.1744305	.2960230

#1	1755.741	3675.706	39589.96	4965.479	4332.341
#2	1762.102	3686.133	39575.00	4952.999	4345.237
#3	1750.880	3668.875	39503.19	4948.878	4319.587

Sample Name: CCB046 Acquired: 3/15/2018 12:14:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000661	-.000780	.0003670	.0003076	-.000965	.0060665	-.002046
Stddev	.001833	.000956	.0004882	.0020750	.000620	.0027806	.000810
%RSD	277.2436	122.5288	133.0450	674.5298	64.29141	45.83565	39.56243

#1	.000716	-.000546	-.000142	.0006934	-.001284	.0081895	-.002085
#2	.000042	.000037	.000831	.0021626	-.001360	.0070910	-.001218
#3	-.002742	-.001831	.000411	-.001933	-.000250	.0029190	-.002836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001424	.0000830	.0076966	.0007303	-.000089	.0030451	.0013623
Stddev	.0000584	.0000211	.0073071	.0001096	.000193	.0026374	.0127083
%RSD	40.99665	25.37987	94.93949	15.01239	217.7659	86.61082	932.8372

#1	.0001493	.0001017	.0146969	.0007150	.000132	.0012538	-.009703
#2	.0000809	.0000871	.0001171	.0006290	-.000224	.0060736	.015242
#3	.0001970	.0000601	.0082758	.0008467	-.000174	.0018079	-.001452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008179	.0012833	.0004353	.0001675	-.029769	-.000225	.0035800
Stddev	.0003007	.0422004	.0000627	.0002636	.024784	.004665	.0024699
%RSD	36.76382	3288.331	14.39600	157.3871	83.25361	2076.914	68.99198

#1	.0004710	.0486949	.0004552	.0004713	-.056803	.000938	.0055538
#2	.0010052	-.032168	.0003651	.0000308	-.024381	.003749	.0043758
#3	.0009773	-.012677	.0004856	.0000003	-.008123	-.005361	.0008103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.070122	-.000107	.0017134	.0003111	-.009918	-.006943	-.000381
Stddev	.089581	.001797	.0001879	.0001028	.005328	.000571	.000065
%RSD	127.7496	1684.784	10.96459	33.02938	53.72262	8.228637	17.16278

#1	-.107083	-.000463	.0014966	.0003519	-.007224	-.006964	-.000385
#2	-.135308	-.001699	.0018281	.0003873	-.006475	-.007503	-.000314
#3	.032025	.001842	.0018154	.0001943	-.016055	-.006361	-.000445

Sample Name: CCB046 Acquired: 3/15/2018 12:14:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB046 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002921	.0013670	.0001293
Stddev	.0012720	.0007847	.0001543
%RSD	435.4213	57.40547	119.3822

#1	.0013842	.0014434	-.000047
#2	-.001105	.0021106	.000238
#3	.000597	.0005468	.000197

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1758.154	3677.629	39466.39	4929.173	4337.956
Stddev	16.544	3.569	195.01	4.072	5.342
%RSD	.9410054	.0970547	.4941162	.0826099	.1231527

#1	1748.633	3673.575	39262.29	4926.761	4332.269
#2	1748.570	3679.008	39486.06	4933.874	4338.728
#3	1777.257	3680.302	39650.81	4926.883	4342.869

Sample Name: CCV046 Acquired: 3/15/2018 12:10:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.198097	5.161435	26.15160	5.239787	5.045991	374.0987	10.25826
Stddev	.028980	.033542	.14768	.032113	.032383	2.0371	.02354
%RSD	.5575096	.6498583	.5647167	.6128635	.6417479	.5445271	.2295171

#1	5.176751	5.125170	26.02519	5.224069	5.033718	374.5845	10.26575
#2	5.186453	5.167793	26.11569	5.218562	5.021539	375.8489	10.27716
#3	5.231088	5.191344	26.31393	5.276731	5.082716	371.8626	10.23189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009065	2.611463	390.2198	15.65401	2.622431	15.65525	379.6533
Stddev	.0026859	.013183	1.0242	.03572	.014080	.02648	1.8954
%RSD	.5362035	.5048075	.2624785	.2281725	.5368962	.1691219	.4992381

#1	.5010062	2.600622	390.8863	15.62608	2.613942	15.65157	380.4733
#2	.5035411	2.607629	390.7327	15.69426	2.614668	15.68337	381.0006
#3	.4981721	2.626138	389.0404	15.64171	2.638684	15.63081	377.4860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97980	388.6142	2.573876	1.257803	380.9343	2.484682	13.63317
Stddev	.05759	2.2607	.016150	.003116	1.1040	.009009	.08126
%RSD	.3844218	.5817465	.6274505	.2477455	.2898194	.3625803	.5960782

#1	15.02942	389.6870	2.563351	1.254204	381.6463	2.483579	13.63714
#2	14.99332	390.1388	2.565808	1.259617	381.4941	2.494191	13.55000
#3	14.91666	386.0168	2.592470	1.259587	379.6625	2.476275	13.71238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.4929	5.265777	4.717432	5.090099	5.400191	4.864588	5.209371
Stddev	.9466	.034845	.021256	.031843	.028562	.020443	.030637
%RSD	.6551374	.6617281	.4505800	.6255821	.5288987	.4202437	.5881162

#1	144.2842	5.230585	4.710509	5.072080	5.367664	4.856751	5.177590
#2	145.5265	5.266482	4.741286	5.071351	5.411738	4.887790	5.211804
#3	143.6680	5.300265	4.700500	5.126865	5.421172	4.849222	5.238719

Sample Name: CCV046 Acquired: 3/15/2018 12:10:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV046 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.260128	5.243951	5.363368
Stddev	.013896	.009186	.009061
%RSD	.2641810	.1751718	.1689408

#1	5.245625	5.244233	5.356123
#2	5.261433	5.252993	5.373528
#3	5.273325	5.234627	5.360455

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.840	3023.589	34487.51	4672.547	3138.050
Stddev	11.477	15.124	101.98	16.162	13.918
%RSD	.7921333	.5001861	.2956928	.3458967	.4435099

#1	1454.323	3032.357	34596.95	4676.933	3150.349
#2	1456.547	3032.284	34395.15	4654.645	3140.858
#3	1435.650	3006.126	34470.43	4686.064	3122.942

Sample Name: ICSAB Acquired: 3/15/2018 12:06:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0885273	.1044049	.0401499	.0449588	.5793909	230.7666
Stddev	.0038487	.0018726	.0007240	.0019933	.0033083	.6262
%RSD	4.347487	1.793555	1.803338	4.433660	.5709894	.2713515

#1	.0922382	.1029317	.0404801	.0455256	.5766755	231.2762
#2	.0845542	.1037709	.0406499	.0466073	.5784218	230.9560
#3	.0887893	.1065122	.0393196	.0427435	.5830756	230.0676

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4982176	.4870936	1.001156	245.1536	.5610994	.4959641
Stddev	.0008556	.0006995	.002926	.4305	.0020677	.0015128
%RSD	.1717379	.1436057	.2923046	.1755982	.3685057	.3050307

#1	.4972328	.4865672	.998409	244.9764	.5630869	.4958678
#2	.4987779	.4868263	1.000825	245.6444	.5612514	.4945017
#3	.4986422	.4878873	1.004234	244.8399	.5589599	.4975228

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4980078	98.15815	.5130307	243.5037	.9745000	.1897122
Stddev	.0024728	.28648	.0030612	.4680	.0026104	.0007490
%RSD	.4965350	.2918513	.5966852	.1921818	.2678714	.3947917

#1	.4959000	98.27340	.5126939	243.9053	.9730941	.1905708
#2	.4973936	98.36905	.5162463	243.6161	.9728939	.1893726
#3	.5007298	97.83200	.5101518	242.9898	.9775120	.1891931

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0354301	.4911232	.9883751	-.217885	.0079593	F .0375754
Stddev	.0624774	.0033070	.0134707	.010855	.0028616	.0011522
%RSD	176.3400	.6733555	1.362910	4.982174	35.95265	3.066312

#1	.0938876	.4937418	.9961883	-.219248	.0112575	.0368528
#2	.0428139	.4874070	.9961164	-.227994	.0064843	.0389041
#3	-.030411	.4922209	.9728206	-.206412	.0061362	.0369692

Sample Name: ICSAB Acquired: 3/15/2018 12:06:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0020419	.0050135	-.007858	-.002654	-.003671	.0008310
Stddev	.0003171	.0035646	.000583	.000313	.000775	.0001654
%RSD	15.52815	71.09899	7.423265	11.80240	21.11511	19.90214

#1	.0023708	.0027300	-.007927	-.002997	-.002954	.0009030
#2	.0020170	.0091209	-.008405	-.002384	-.003566	.0006419
#3	.0017381	.0031895	-.007244	-.002580	-.004494	.0009483

Elem	Sr4077
Units	ppm
Avg	.1014818
Stddev	.0000556
%RSD	.0547932

#1	.1014346
#2	.1014678
#3	.1015431

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.705	3354.366	36210.80	4780.008	3531.603
Stddev	9.107	16.095	105.86	16.557	13.199
%RSD	.5640135	.4798100	.2923437	.3463871	.3737310

#1	1622.782	3361.463	36276.26	4766.334	3533.679
#2	1604.834	3365.692	36088.67	4775.274	3543.640
#3	1616.498	3335.943	36267.46	4798.417	3517.489

Sample Name: ICSA Acquired: 3/15/2018 12:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	-.005975	.0029479	-.007290	-.001199	.0065227	237.1771
Stddev	.001999	.0020836	.000867	.001356	.0022189	1.1566
%RSD	33.45860	70.68320	11.89436	113.0475	34.01913	.4876669

#1	-.007435	.0043362	-.006416	-.002665	.0070437	238.5050
#2	-.003697	.0005519	-.007303	.000009	.0084347	236.6373
#3	-.006793	.0039554	-.008150	-.000941	.0040896	236.3891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039415	.0013344	-.001497	250.6081	.0535217	-.000279
Stddev	.0003654	.0001104	.000135	1.0477	.0006825	.000149
%RSD	9.269576	8.273443	8.995125	.4180447	1.275183	53.35022

#1	.0035354	.0012078	-.001613	251.7300	.0527810	-.000128
#2	.0042434	.0014109	-.001528	249.6552	.0541251	-.000285
#3	.0040459	.0013845	-.001349	250.4393	.0536589	-.000425

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036379	100.2907	.0161044	248.7866	.0024321	.0002192
Stddev	.0003916	.3964	.0006158	1.1897	.0002785	.0003535
%RSD	10.76532	.3952644	3.823881	.4782041	11.45227	161.2937

#1	.0040887	100.7394	.0158221	250.1335	.0024026	.0005825
#2	.0034435	100.1449	.0168107	247.8789	.0021695	.0001986
#3	.0033815	99.9879	.0156803	248.3474	.0027242	-.000124

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.137748	.0026987	-.018524	-.147450	-.003721	F .0420138
Stddev	.121078	.0020572	.001946	.044479	.000549	.0030256
%RSD	87.89862	76.22640	10.50517	30.16526	14.76218	7.201492

#1	.001554	.0049560	-.016752	-.100037	-.003600	.0447016
#2	-.197093	.0022108	-.018214	-.188256	-.004321	.0387370
#3	-.217704	.0009294	-.020607	-.154058	-.003242	.0426028

Sample Name: ICSA Acquired: 3/15/2018 12:02:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0020709	.0102819	-.010002	-.001799	-.003560	.0028027
Stddev	.0002008	.0031268	.000839	.001151	.001053	.0003148
%RSD	9.694189	30.41069	8.384697	63.97015	29.57118	11.23223

#1	.0022233	.0137019	-.009852	-.001365	-.002502	.0031485
#2	.0018435	.0095742	-.010906	-.000929	-.003569	.0025329
#3	.0021460	.0075697	-.009249	-.003105	-.004608	.0027266

Elem	Sr4077
Units	ppm
Avg	.1023755
Stddev	.0001260
%RSD	.1230606

#1	.1022516
#2	.1025035
#3	.1023715

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1609.033	3353.239	36060.51	4794.164	3528.153
Stddev	4.507	16.880	87.14	34.485	17.390
%RSD	.2800918	.5033851	.2416494	.7193059	.4928868

#1	1607.811	3359.576	36077.12	4813.310	3536.879
#2	1605.263	3366.033	36138.15	4754.355	3539.453
#3	1614.025	3334.107	35966.26	4814.829	3508.128

Sample Name: ICB Acquired: 3/15/2018 11:56:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	-.002052	-.000809	-.001434	.0014515	-.000726	-.002794	-.001257
Stddev	.000952	.000708	.000879	.0020766	.001850	.003664	.000034
%RSD	46.40336	87.49838	61.25886	143.0664	254.7659	131.1384	2.680887

#1	-.002861	-.000833	-.000655	-.000040	-.002686	.000469	-.001246
#2	-.002293	-.001504	-.001261	.003823	.000992	-.006758	-.001295
#3	-.001003	-.000089	-.002387	.000571	-.000485	-.002094	-.001231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000512	.0000500	-.008086	-.000020	.0002461	.0010784	-.007407
Stddev	.0000285	.0000416	.006081	.000351	.0000910	.0011457	.002667
%RSD	55.56587	83.11545	75.20142	1713.828	36.95882	106.2349	36.01033

#1	.0000236	.0000836	-.006537	-.000005	.0003346	-.000077	-.007698
#2	.0000496	.0000035	-.002929	-.000378	.0001529	.002214	-.004607
#3	.0000805	.0000630	-.014792	.000322	.0002507	.001098	-.009918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003421	-.023720	.0000247	.0002176	-.043818	-.001810	.0029574
Stddev	.0004442	.029829	.0001771	.0002104	.272037	.002159	.0035189
%RSD	129.8371	125.7580	718.0834	96.70223	620.8292	119.2677	118.9865

#1	.0008492	-.005299	-.000137	-.000002	-.058543	-.003727	-.001067
#2	.0001553	-.058135	.000214	.000418	.235282	.000529	.004482
#3	.0000219	-.007725	-.000004	.000237	-.308194	-.002232	.005457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064249	-.001380	.0000104	.0003429	-.006188	-.003106	-.000829
Stddev	.031735	.001354	.0012441	.0001091	.001070	.000713	.001076
%RSD	49.39395	98.08901	11993.99	31.80570	17.28954	22.94583	129.8293

#1	-.099994	-.001974	.0013751	.0003191	-.005622	-.002390	-.001849
#2	-.039390	.000169	-.001060	.0004619	-.007422	-.003815	-.000933
#3	-.053362	-.002335	-.000284	.0002477	-.005520	-.003113	.000296

Sample Name: ICB Acquired: 3/15/2018 11:56:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0013333	-.000264	-.000036
Stddev	.0008787	.001662	.000041
%RSD	65.90236	629.6578	114.9039

#1	.0016406	.001633	-.000003
#2	.0020170	-.001463	-.000082
#3	.0003422	-.000962	-.000023

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.811	3683.930	39415.63	4901.203	4346.129
Stddev	21.892	11.433	487.60	29.106	9.163
%RSD	1.246114	.3103465	1.237080	.5938513	.2108232

#1	1757.326	3680.135	39333.52	4868.317	4343.368
#2	1778.441	3696.778	39939.07	4911.645	4356.354
#3	1734.666	3674.878	38974.29	4923.648	4338.664

Sample Name: ICV Acquired: 3/15/2018 11:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.9258726	1.044436	.9427073	.9579787	.8955595	2.390245
Stddev	.0026903	.007946	.0086951	.0074189	.0054639	.054651
%RSD	.2905681	.7608184	.9223573	.7744372	.6101078	2.286410

#1	.9247359	1.050721	.9509284	.9646719	.9017586	2.342796
#2	.9239372	1.035504	.9336052	.9500016	.8914439	2.377940
#3	.9289446	1.047083	.9435882	.9592626	.8934760	2.449999

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5017594	.4903628	.4841711	10.57434	.5144958	.4847822
Stddev	.0107005	.0062376	.0038321	.22264	.0032780	.0035846
%RSD	2.132604	1.272029	.7914851	2.105435	.6371297	.7394309

#1	.4906191	.4834892	.4877551	10.33877	.5182753	.4885334
#2	.5027011	.4919362	.4801315	10.60300	.5127846	.4813913
#3	.5119579	.4956631	.4846266	10.78126	.5124276	.4844219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5200046	5.407537	.5217882	5.885170	.4903532	.4626225
Stddev	.0067319	.089069	.0110580	.195883	.0025090	.0063786
%RSD	1.294582	1.647126	2.119258	3.328417	.5116783	1.378794

#1	.5141100	5.321620	.5100098	5.662479	.4930337	.4699865
#2	.5185634	5.401537	.5234075	5.962214	.4880610	.4590634
#3	.5273404	5.499454	.5319473	6.030817	.4899648	.4588176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.748268	.5066409	1.007074	9.441461	F .0147551	4.863533
Stddev	.128686	.0075963	.013370	.195027	.0011962	.066972
%RSD	1.320090	1.499352	1.327577	2.065643	8.107220	1.377015

#1	9.614588	.4994036	1.022482	9.253302	.0154692	4.791011
#2	9.871298	.5059676	.998532	9.428384	.0154220	4.876544
#3	9.758918	.5145515	1.000209	9.642698	.0133741	4.923044

Sample Name: ICV Acquired: 3/15/2018 11:50:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	4.837632	-.010774	4.688206	4.728696	5.207233	.0043082
Stddev	.031507	.001612	.058180	.029381	.086355	.0030572
%RSD	.6512832	14.96073	1.240996	.6213437	1.658357	70.96224

#1	4.869663	-.009259	4.624743	4.754908	5.114142	.0056034
#2	4.806677	-.012468	4.700849	4.696936	5.222833	.0008166
#3	4.836556	-.010594	4.739025	4.734244	5.284724	.0065045

Elem	Sr4077
Units	ppm
Avg	.0121907
Stddev	.0001992
%RSD	1.633970

#1	.0119850
#2	.0122044
#3	.0123826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.915	3650.074	38519.81	4815.219	4179.139
Stddev	19.115	22.156	377.87	75.515	26.828
%RSD	1.114010	.6070081	.9809813	1.568254	.6419623

#1	1693.945	3627.906	38088.44	4898.611	4151.789
#2	1725.067	3672.218	38678.69	4795.587	4205.414
#3	1728.735	3650.097	38792.30	4751.459	4180.214

Sample Name: S6 Acquired: 3/15/2018 11:46:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	65.891	53.385	17.472	7.1934	7.1662
Stddev	.906	.392	.121	.0559	.0508
%RSD	1.3757	.73420	.69512	.77749	.70916

#1	65.208	53.003	17.349	7.1342	7.1253
#2	66.919	53.786	17.592	7.2453	7.2231
#3	65.546	53.365	17.476	7.2008	7.1501

Int. Std.	Y_3710
Units	Cts/S
Avg	4478.6
Stddev	30.3
%RSD	.67547

#1	4506.6
#2	4446.5
#3	4482.6

Sample Name: S5 Acquired: 3/15/2018 11:42:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.44468	.71088	11.107	.58605	1.4844	24.312	73.689	6.3996
Stddev	.00334	.00929	.039	.00249	.0065	.076	.702	.0307
%RSD	.75092	1.3065	.34997	.42449	.43617	.31241	.95246	.47953

#1	.44218	.70637	11.119	.58519	1.4813	24.340	74.435	6.3887
#2	.44339	.70471	11.063	.58410	1.4801	24.370	73.590	6.4342
#3	.44847	.72156	11.139	.58885	1.4918	24.226	73.042	6.3758

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	15.418	32.688	4.7039	4.7241	5.5981	6.4526	15.057	4.4297
Stddev	.079	.070	.0054	.0216	.0095	.0182	.024	.0070
%RSD	.51431	.21471	.11566	.45759	.16924	.28290	.16076	.15909

#1	15.423	32.647	4.7095	4.7281	5.5876	6.4592	15.052	4.4294
#2	15.337	32.769	4.7034	4.7008	5.6007	6.4666	15.084	4.4368
#3	15.495	32.648	4.6987	4.7434	5.6061	6.4319	15.036	4.4227

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	3.2356	1.0327	2.5057	.41784	3.4187	7.8745	.41958	5.8994
Stddev	.0110	.0036	.0034	.00107	.0221	.0577	.00487	.0272
%RSD	.33850	.34577	.13607	.25636	.64584	.73275	1.1600	.46128

#1	3.2421	1.0302	2.5036	.41862	3.3986	7.9246	.41742	5.9059
#2	3.2230	1.0368	2.5096	.41827	3.4424	7.8873	.41616	5.9228
#3	3.2418	1.0311	2.5038	.41662	3.4152	7.8114	.42515	5.8696

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.9050	.22406	6.0442	.99662	4.1678	12.300	122.72	
Stddev	.0261	.00263	.0402	.00413	.0222	.049	1.16	
%RSD	.44196	1.1718	.66528	.41466	.53189	.40015	.94602	

#1	5.8962	.22299	6.0513	.99684	4.1476	12.248	121.75	
#2	5.8845	.22214	6.0805	.99239	4.1643	12.307	122.40	
#3	5.9344	.22705	6.0010	1.0006	4.1916	12.345	124.01	

Sample Name: S5 Acquired: 3/15/2018 11:42:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	1339.4	2933.7	33401.	4631.5	3124.9
Stddev	6.0	10.4	132.	3.3	13.8
%RSD	.44677	.35370	.39620	.07190	.44068
#1	1345.9	2931.0	33532.	4629.3	3116.5
#2	1334.0	2945.2	33267.	4635.3	3140.8
#3	1338.4	2925.0	33405.	4629.8	3117.3

Sample Name: S4 Acquired: 3/15/2018 11:38:28 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.23068	.39563	5.8998	.30640	.77114	13.163	40.722	3.5136
Stddev	.00236	.00189	.0157	.00219	.00564	.052	.051	.0196
%RSD	1.0228	.47779	.26540	.71383	.73101	.39166	.12447	.55872

#1	.22980	.39431	5.8894	.30706	.76772	13.209	40.720	3.5360
#2	.22888	.39478	5.8922	.30396	.76805	13.173	40.773	3.4995
#3	.23335	.39780	5.9178	.30818	.77764	13.107	40.672	3.5052

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	8.3929	18.081	2.6749	2.5565	3.0384	3.6080	8.3797	2.3792
Stddev	.0084	.032	.0042	.0092	.0126	.0146	.0266	.0100
%RSD	.09988	.17426	.15731	.35955	.41348	.40392	.31690	.41820

#1	8.3959	18.093	2.6797	2.5522	3.0249	3.6131	8.3862	2.3899
#2	8.3835	18.105	2.6729	2.5502	3.0407	3.6193	8.4024	2.3775
#3	8.3994	18.046	2.6720	2.5670	3.0497	3.5916	8.3505	2.3702

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	1.7658	.56882	1.3448	.22990	2.0205	4.2671	.22346	3.3706
Stddev	.0076	.00062	.0018	.00104	.0271	.0355	.00176	.0195
%RSD	.43193	.10889	.13164	.45221	1.3421	.83289	.78613	.57730

#1	1.7592	.56879	1.3441	.23024	1.9942	4.2858	.22270	3.3926
#2	1.7640	.56822	1.3435	.23072	2.0484	4.2892	.22220	3.3558
#3	1.7742	.56946	1.3468	.22873	2.0188	4.2261	.22546	3.3633

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.2030	.11856	3.3644	.55120	2.3153	6.5679	67.429	
Stddev	.0223	.00072	.0151	.00240	.0130	.0233	.180	
%RSD	.69757	.61091	.44970	.43497	.55952	.35502	.26671	

#1	3.1908	.11783	3.3792	.54954	2.3018	6.5432	67.235	
#2	3.1894	.11856	3.3490	.55010	2.3165	6.5711	67.463	
#3	3.2288	.11928	3.3649	.55395	2.3277	6.5895	67.590	

Sample Name: S4 Acquired: 3/15/2018 11:38:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	1446.8	3168.4	34293.	4652.0	3358.6
Stddev	9.1	20.4	111.	17.8	9.4
%RSD	.63217	.64273	.32295	.38187	.27999
#1	1457.2	3178.3	34419.	4631.9	3364.5
#2	1440.1	3181.9	34210.	4665.8	3363.5
#3	1443.1	3145.0	34251.	4658.2	3347.7

Sample Name: S3 Acquired: 3/15/2018 11:34:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.11080	.19653	2.8992	.14892	.37136	6.4607	20.071	1.7667
Stddev	.00044	.00222	.0112	.00097	.00086	.0660	.115	.0251
%RSD	.39761	1.1311	.38736	.65312	.23175	1.0211	.57255	1.4207

#1	.11029	.19409	2.8911	.14798	.37129	6.4499	20.132	1.7956
#2	.11104	.19705	2.8946	.14886	.37053	6.5314	20.141	1.7542
#3	.11106	.19844	2.9120	.14992	.37225	6.4008	19.938	1.7504

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1657	9.0072	1.3465	1.2631	1.5053	1.8220	4.2276	1.1731
Stddev	.0166	.0654	.0015	.0037	.0103	.0099	.0353	.0095
%RSD	.39802	.72587	.11399	.29083	.68178	.54120	.83590	.80576

#1	4.1524	9.0387	1.3464	1.2616	1.5170	1.8230	4.2417	1.1729
#2	4.1606	9.0509	1.3481	1.2604	1.4978	1.8313	4.2538	1.1826
#3	4.1843	8.9320	1.3450	1.2673	1.5012	1.8117	4.1874	1.1637

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	.87907	.29069	.65827	.11544	.98314	2.1149	.10517	1.7179
Stddev	.00197	.00191	.00742	.00142	.00919	.0213	.00125	.0210
%RSD	.22356	.65862	1.1273	1.2339	.93449	1.0066	1.1849	1.2201

#1	.87901	.29269	.66272	.11537	.98711	2.1057	.10375	1.7421
#2	.87714	.29049	.66238	.11689	.98966	2.1392	.10567	1.7066
#3	.88107	.28888	.64970	.11404	.97263	2.0997	.10609	1.7050

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.5788	.05646	1.7249	.27121	1.1470	3.2243	33.328	
Stddev	.0065	.00070	.0237	.00121	.0116	.0174	.250	
%RSD	.41137	1.2402	1.3717	.44479	1.0075	.53911	.75089	

#1	1.5718	.05573	1.7519	.26985	1.1591	3.2428	33.606	
#2	1.5800	.05653	1.7147	.27161	1.1361	3.2221	33.119	
#3	1.5846	.05713	1.7080	.27216	1.1457	3.2082	33.260	

Sample Name: S3 Acquired: 3/15/2018 11:34:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	1541.6	3375.8	35404.	4755.6	3616.3
Stddev	9.3	9.7	67.	20.1	10.0
%RSD	.60557	.28736	.18792	.42190	.27617
#1	1530.8	3381.9	35341.	4734.1	3623.6
#2	1547.0	3380.8	35398.	4773.8	3620.3
#3	1547.0	3364.6	35473.	4758.8	3604.9

Sample Name: S2 Acquired: 3/15/2018 11:30:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.05534	.10137	1.4649	.07517	.18810	3.3314	10.289	.92052
Stddev	.00001	.00093	.0097	.00047	.00128	.0381	.100	.00564
%RSD	.01595	.91359	.66256	.62710	.67954	1.1435	.96931	.61259

#1	.05533	.10090	1.4593	.07504	.18775	3.3549	10.360	.91892
#2	.05533	.10077	1.4594	.07478	.18703	3.3518	10.332	.92678
#3	.05535	.10243	1.4762	.07570	.18952	3.2874	10.175	.91585

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	2.1105	4.7300	.69499	.63744	.77463	.95486	2.2164	.60524
Stddev	.0123	.0474	.00134	.00413	.00552	.00890	.0225	.00540
%RSD	.58345	1.0011	.19326	.64793	.71305	.93160	1.0148	.89247

#1	2.1052	4.7615	.69376	.63527	.77780	.96099	2.2298	.60841
#2	2.1017	4.7531	.69477	.63484	.77783	.95894	2.2289	.60830
#3	2.1246	4.6756	.69642	.64220	.76825	.94466	2.1904	.59900

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	.44850	.14340	.32788	.05942	.50622	1.1116	.05205	.88661
Stddev	.00371	.00022	.00451	.00143	.00826	.0115	.00051	.00549
%RSD	.82690	.15245	1.3740	2.4142	1.6324	1.0334	.98650	.61965

#1	.44543	.14315	.32970	.05949	.51325	1.1140	.05190	.89248
#2	.44746	.14354	.33119	.06082	.50829	1.1217	.05162	.88576
#3	.45262	.14352	.32275	.05795	.49712	1.0991	.05262	.88159

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	.80145	.02859	.92712	.13611	.58620	1.6531	16.859	
Stddev	.00509	.00050	.00353	.00119	.00182	.0099	.129	
%RSD	.63462	1.7419	.38105	.87326	.31064	.60146	.76357	

#1	.79836	.02831	.92973	.13525	.58744	1.6610	16.929	
#2	.79867	.02829	.92853	.13562	.58705	1.6563	16.938	
#3	.80732	.02916	.92310	.13747	.58411	1.6419	16.711	

Sample Name: S2 Acquired: 3/15/2018 11:30:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	1590.6	3521.7	36089.	4774.0	3835.5
Stddev	6.8	19.9	152.	36.0	23.3
%RSD	.42939	.56577	.42046	.75427	.60661
#1	1584.5	3533.9	36070.	4784.0	3846.5
#2	1589.4	3532.5	35947.	4734.1	3851.2
#3	1598.0	3498.7	36249.	4804.0	3808.7

Sample Name: S1 Acquired: 3/15/2018 11:26:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.00040	.00165	.00180	.00193	.00861	.01702	.78025	.03333
Stddev	.00005	.00004	.00021	.00021	.00018	.00094	.00216	.00019
%RSD	13.647	2.3610	11.912	10.708	2.0810	5.5187	.27638	.55586

#1	.00042	.00162	.00172	.00172	.00847	.01595	.78194	.03341
#2	.00045	.00163	.00204	.00194	.00881	.01771	.78099	.03346
#3	.00034	.00169	.00164	.00214	.00855	.01741	.77782	.03311

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	.01526	.37016	.00172	.04504	.00502	.00258	.00884	.04686
Stddev	.00007	.00100	.00005	.00008	.00030	.00012	.00062	.00046
%RSD	.42816	.26906	3.0333	.18012	6.0505	4.7681	7.0237	.98147

#1	.01524	.37051	.00173	.04500	.00523	.00249	.00813	.04650
#2	.01520	.37093	.00167	.04499	.00516	.00254	.00929	.04738
#3	.01533	.36904	.00177	.04513	.00467	.00272	.00910	.04670

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	.02562	.00402	.02767	.00434	.00747	.16543	-.00029	.01306
Stddev	.00015	.00005	.00290	.00034	.00050	.00238	.00005	.00031
%RSD	.57759	1.1899	10.495	7.8633	6.7345	1.4377	18.518	2.3776

#1	.02576	.00401	.02687	.00439	.00791	.16380	-.00032	.01314
#2	.02547	.00407	.02525	.00466	.00692	.16816	-.00031	.01271
#3	.02564	.00398	.03089	.00398	.00758	.16434	-.00023	.01331

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	.00622	.00318	.07189	.00095	.04213	.06842	1.2317	
Stddev	.00006	.00010	.00028	.00016	.00042	.00358	.0049	
%RSD	.96719	3.2235	.39361	16.487	.99342	5.2258	.39751	

#1	.00619	.00317	.07174	.00100	.04259	.06657	1.2332	
#2	.00628	.00309	.07221	.00108	.04201	.06614	1.2356	
#3	.00617	.00329	.07171	.00078	.04178	.07254	1.2262	

Sample Name: S1 Acquired: 3/15/2018 11:26:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	1648.9	3683.2	36769.	4758.9	4306.4
Stddev	14.1	9.2	85.	32.8	15.3
%RSD	.85543	.24849	.23182	.68869	.35442
#1	1634.0	3690.6	36713.	4722.4	4315.2
#2	1650.5	3686.2	36727.	4786.0	4315.3
#3	1662.0	3673.0	36867.	4768.2	4288.8

Sample Name: S0 Acquired: 3/15/2018 11:22:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00003	-.00018	.00005	.00017	.00059	-.00019	.00462	-.00306
Stddev	.00003	.00010	.00025	.00007	.00016	.00041	.00257	.00066
%RSD	126.97	55.306	523.18	43.693	26.610	220.59	55.582	21.601

#1	-.00006	-.00007	.00030	.00013	.00045	.00028	.00365	-.00261
#2	.00001	-.00025	.00003	.00012	.00057	-.00048	.00753	-.00274
#3	-.00003	-.00022	-.00019	.00025	.00076	-.00036	.00268	-.00382

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	-.00029	.00305	-.00007	-.00024	.00013	.00020	-.00021	-.00021
Stddev	.00019	.00025	.00007	.00023	.00048	.00021	.00027	.00016
%RSD	66.000	8.1040	108.59	95.304	367.35	101.63	128.78	75.620

#1	-.00007	.00323	-.00001	-.00050	-.00038	.00000	-.00008	-.00007
#2	-.00041	.00315	-.00015	-.00014	.00057	.00041	-.00053	-.00038
#3	-.00039	.00277	-.00005	-.00008	.00020	.00020	-.00003	-.00018

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	-.00119	-.00034	-.01618	-.00009	-.00040	.02185	-.00081	.00768
Stddev	.00005	.00014	.00061	.00010	.00030	.00160	.00006	.00061
%RSD	4.5222	41.231	3.7413	110.96	75.629	7.3424	7.6370	7.9826

#1	-.00125	-.00050	-.01656	.00002	-.00070	.02195	-.00086	.00698
#2	-.00114	-.00026	-.01548	-.00011	-.00038	.02019	-.00084	.00794
#3	-.00119	-.00026	-.01650	-.00019	-.00010	.02340	-.00074	.00812

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	.00019	.00141	.00935	.00031	.00021	.01037	-.00308	
Stddev	.00004	.00006	.00044	.00009	.00025	.00125	.00020	
%RSD	18.292	4.1853	4.7285	28.322	115.61	12.024	6.5076	

#1	.00023	.00147	.00893	.00021	-.00006	.00897	-.00287	
#2	.00016	.00139	.00981	.00038	.00027	.01136	-.00326	
#3	.00019	.00136	.00930	.00033	.00042	.01077	-.00310	

Sample Name: S0 Acquired: 3/15/2018 11:22:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	1681.0	3717.0	37446.	4751.9	4379.6
Stddev	18.2	14.8	317.	6.0	12.4
%RSD	1.0808	.39876	.84716	.12522	.28409
#1	1667.8	3718.4	37218.	4745.0	4384.2
#2	1701.8	3731.2	37808.	4755.1	4389.1
#3	1673.5	3701.6	37311.	4755.5	4365.6

Sample Name: J1729-03LX5 Acquired: 3/15/2018 13:37:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001948	-.000748	.0004351	.0010421	-.001745	.0342322	.0431942
Stddev	.004526	.001009	.0009364	.0031713	.000893	.0156416	.0007467
%RSD	232.3174	134.9049	215.2206	304.3145	51.16963	45.69269	1.728633

#1	-.007175	-.001868	.0012505	.0030914	-.002573	.0288621	.0432644
#2	.000697	-.000466	.0006423	-.002611	-.001862	.0219831	.0439033
#3	.000633	.000090	-.000588	.002646	-.000799	.0518516	.0424149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000974	.0000093	9.124225	.0039011	-.000120	.0029111	1.105096
Stddev	.0000636	.0000928	.007176	.0006171	.000079	.0017741	.013813
%RSD	65.22663	995.5377	.0786474	15.81839	66.00441	60.94418	1.249910

#1	.0000300	.0000759	9.115939	.0032707	-.000200	.0019994	1.096896
#2	.0001060	-.000097	9.128452	.0039288	-.000042	.0049557	1.097348
#3	.0001563	.000049	9.128283	.0045039	-.000117	.0017781	1.121043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135586	4.775801	.0019831	.0000371	9.890144	.0025673	.0018035
Stddev	.0007425	.062340	.0004165	.0000891	.156748	.0044571	.0009763
%RSD	5.476377	1.305341	21.00313	239.9034	1.584890	173.6120	54.13368

#1	.0143481	4.711412	.0018727	.0001038	9.982042	.0062636	.0026682
#2	.0134534	4.835869	.0016330	.0000717	9.709155	-.002382	.0007447
#3	.0128743	4.780122	.0024437	-.000064	9.979236	.003820	.0019977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011902	.0001473	.0540991	.0006343	.6548617	.6668102	-.002087
Stddev	.041369	.0014125	.0016775	.0001893	.0057032	.0026128	.001240
%RSD	347.5782	959.0459	3.100691	29.85235	.8709028	.3918424	59.40596

#1	-.024557	.0006023	.0534365	.0007416	.6519834	.6638671	-.001895
#2	-.045465	-.001437	.0560066	.0007456	.6511712	.6677064	-.000955
#3	.034316	.001276	.0528541	.0004157	.6614305	.6688570	-.003412

Sample Name: J1729-03LX5 Acquired: 3/15/2018 13:37:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009552	-.001159	.2831305
Stddev	.0004071	.001110	.0008153
%RSD	42.61735	95.78836	.2879773

#1	.0014060	-.001005	.2821894
#2	.0008452	-.002338	.2836220
#3	.0006145	-.000134	.2835803

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.440	3691.347	40289.41	5043.920	4305.587
Stddev	22.953	5.868	399.86	18.752	9.237
%RSD	1.273419	.1589539	.9924583	.3717794	.2145257

#1	1782.161	3684.575	39921.06	5063.081	4295.811
#2	1797.802	3694.906	40232.49	5025.605	4306.782
#3	1827.358	3694.561	40714.67	5043.075	4314.168

Sample Name: J1729-18DLX5 Acquired: 3/15/2018 13:33:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007878	-.001531	-.000258	.0011720	-.001163	.0177838	.0300122
Stddev	.0022948	.000633	.001326	.0033114	.001996	.0021626	.0003535
%RSD	291.2751	41.38550	512.9141	282.5570	171.5993	12.16036	1.177847

#1	-.000730	-.001878	-.001789	.0049810	-.001393	.0153194	.0300632
#2	-.000335	-.000800	.000534	-.000443	.000938	.0186670	.0303374
#3	.003428	-.001915	.000480	-.001022	-.003034	.0193650	.0296360

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000521	.0000157	10.59267	.0203371	-.000174	.0053338	.1343161
Stddev	.0000582	.0000608	.01856	.0011682	.000118	.0020756	.0025170
%RSD	111.7348	387.7830	.1752456	5.744085	68.05873	38.91454	1.873947

#1	-.000015	.0000810	10.57821	.0201051	-.000187	.0031770	.1369799
#2	.000089	-.000039	10.58620	.0193023	-.000285	.0073174	.1319776
#3	.000082	.000005	10.61360	.0216039	-.000049	.0055071	.1339908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039947	3.127038	.0110418	.0003480	6.705231	.0016577	-.002879
Stddev	.0008215	.033213	.0004129	.0001056	.167884	.0019618	.004512
%RSD	20.56346	1.062127	3.739057	30.34095	2.503783	118.3450	156.7093

#1	.0048314	3.091043	.0113443	.0003612	6.525879	.0016350	.001274
#2	.0031894	3.133575	.0105714	.0004463	6.731190	-.000293	-.002232
#3	.0039633	3.156497	.0112096	.0002364	6.858624	.003631	-.007680

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025851	.0035913	4.351431	.0029737	1.791371	1.388460	-.001474
Stddev	.018333	.0009042	.075503	.0001159	.011146	.021814	.000766
%RSD	70.91614	25.17722	1.735123	3.896507	.6222324	1.571103	51.98619

#1	-.004683	.0027336	4.402409	.0030727	1.797061	1.401453	-.002178
#2	-.036537	.0035045	4.264692	.0028462	1.778528	1.363275	-.001588
#3	-.036335	.0045357	4.387193	.0030021	1.798525	1.400651	-.000658

Sample Name: J1729-18DLX5 Acquired: 3/15/2018 13:33:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005263	-.001016	.1197118
Stddev	.0007165	.001251	.0002930
%RSD	136.1474	123.0336	.2447630

#1	-.000301	-.000068	.1197540
#2	.000942	-.002434	.1194000
#3	.000937	-.000548	.1199814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.232	3668.814	38771.11	5046.549	4296.150
Stddev	76.736	14.480	1852.10	39.442	15.777
%RSD	4.442742	.3946711	4.777013	.7815560	.3672341

#1	1755.397	3656.795	39523.28	5002.569	4280.105
#2	1785.907	3684.889	40128.80	5078.784	4311.644
#3	1640.393	3664.759	36661.26	5058.294	4296.700

Sample Name: J1729-13DLX5 Acquired: 3/15/2018 13:29:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001466	-.000267	-.000456	-.001792	-.001701	.0122162	.0290130
Stddev	.001802	.000740	.001372	.000695	.002210	.0064288	.0005859
%RSD	122.9000	277.5186	300.6949	38.78554	129.9078	52.62489	2.019418

#1	-.001167	.000254	-.001222	-.001911	-.003356	.0193691	.0292890
#2	-.003399	.000060	.001128	-.002419	-.002557	.0103592	.0294100
#3	.000167	-.001114	-.001275	-.001045	.000809	.0069204	.0283401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001377	.0000030	10.37267	.0210123	-.000248	.0044695	.1198026
Stddev	.0000536	.0000461	.07488	.0001073	.000056	.0014059	.0224628
%RSD	38.92371	1541.444	.7219329	.5107471	22.47684	31.45580	18.74987

#1	.0001971	.0000400	10.43011	.0208906	-.000312	.0056904	.0990005
#2	.0001232	.0000176	10.39993	.0210525	-.000210	.0029324	.1436214
#3	.0000929	-.000049	10.28798	.0210936	-.000222	.0047857	.1167860

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036641	3.065559	.0102982	.0002039	6.925181	-.000907	.0023059
Stddev	.0002077	.025115	.0000450	.0002886	.093323	.000596	.0029465
%RSD	5.668719	.8192567	.4366173	141.5105	1.347590	65.71738	127.7795

#1	.0034271	3.039771	.0103501	.0005223	6.872976	-.001360	-.000180
#2	.0037513	3.089941	.0102698	-.000040	7.032924	-.001128	.001537
#3	.0038141	3.066967	.0102748	.000130	6.869643	-.000232	.005561

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019801	.0030676	4.276853	.0029164	1.742119	1.355952	-.000763
Stddev	.0176620	.0014843	.046647	.0001149	.015187	.009401	.000311
%RSD	891.9609	48.38752	1.090675	3.937969	.8717684	.6933299	40.70315

#1	-.014487	.0016196	4.304649	.0030212	1.735911	1.361473	-.000405
#2	-.000207	.0029975	4.302911	.0029344	1.731019	1.361285	-.000924
#3	.020634	.0045858	4.223000	.0027937	1.759427	1.345097	-.000960

Sample Name: J1729-13DLX5 Acquired: 3/15/2018 13:29:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000708	-.000824	.1174807
Stddev	.000462	.000609	.0005081
%RSD	65.24137	73.90732	.4324773

#1	-.000175	-.001457	.1180343
#2	-.000964	-.000775	.1170357
#3	-.000985	-.000241	.1173721

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.668	3653.776	39769.37	4997.432	4288.982
Stddev	8.142	14.054	160.72	21.270	22.881
%RSD	.4580240	.3846425	.4041206	.4256211	.5334748

#1	1778.170	3665.666	39633.65	4975.233	4302.501
#2	1785.548	3657.395	39946.84	4999.431	4301.882
#3	1769.286	3638.266	39727.62	5017.632	4262.564

Sample Name: J1729-11DLX2 Acquired: 3/15/2018 13:24:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394268	-.000732	.0018465	-.000062	.0001523	.4764868	.0974164
Stddev	.0016157	.001145	.0017788	.002428	.0018747	.0061512	.0006601
%RSD	4.098018	156.4399	96.33137	3895.654	1231.116	1.290944	.6775844

#1	.0375642	-.001675	-.000173	.002736	.0007746	.4704614	.0969254
#2	.0404508	-.001063	.002531	-.001314	-.001954	.4827565	.0981668
#3	.0402653	.000542	.003182	-.001609	.001637	.4762423	.0971570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002124	-.000077	59.46810	.0135469	-.000009	.0066408	.8120441
Stddev	.0000633	.000063	.16265	.0006248	.000072	.0036517	.0196927
%RSD	29.80299	81.87319	.2735111	4.611949	755.9006	54.98903	2.425075

#1	.0001493	-.000007	59.28754	.0139088	.000064	.0024660	.7974977
#2	.0002120	-.000130	59.51364	.0128254	-.000014	.0082149	.8344535
#3	.0002758	-.000095	59.60313	.0139063	-.000079	.0092415	.8041812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4189194	24.54239	.0074884	.0004112	19.90555	.0012090	.0163863
Stddev	.0019648	.04050	.0001121	.0001064	.26466	.0002389	.0048939
%RSD	.4690223	.1650212	1.497112	25.87123	1.329596	19.76149	29.86568

#1	.4166518	24.54116	.0073631	.0004718	19.71265	.0010897	.0206190
#2	.4199920	24.50252	.0075230	.0002884	19.79674	.0010534	.0175123
#3	.4201146	24.58349	.0075791	.0004734	20.20728	.0014841	.0110276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.40939	.2096507	5.885266	.0112522	7.150080	5.911922	-.003305
Stddev	.05686	.0007640	.047963	.0001073	.038255	.056743	.000917
%RSD	.3946043	.3644287	.8149621	.9536370	.5350333	.9598120	27.76222

#1	14.38394	.2090845	5.940247	.0111897	7.115064	5.975547	-.002527
#2	14.36970	.2105198	5.863535	.0113762	7.190909	5.893664	-.004316
#3	14.47453	.2093479	5.852015	.0111909	7.144267	5.866556	-.003070

Sample Name: J1729-11DLX2 Acquired: 3/15/2018 13:24:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0088192	.0223754	1.643119
Stddev	.0019313	.0008178	.007464
%RSD	21.89890	3.654869	.4542628

#1	.0070212	.0216271	1.634692
#2	.0085756	.0232483	1.648898
#3	.0108607	.0222507	1.645768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.812	3612.547	39540.23	5021.074	4057.081
Stddev	6.549	19.427	111.35	11.779	20.170
%RSD	.3693917	.5377720	.2816054	.2345925	.4971478

#1	1777.361	3628.702	39554.44	5014.148	4073.930
#2	1775.770	3590.990	39643.79	5014.401	4034.732
#3	1765.307	3617.950	39422.46	5034.675	4062.580

Sample Name: J1729-09DLX5 Acquired: 3/15/2018 13:20:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007612	.0012594	.0014127	.0023789	-.001242	.5986459	.1138905
Stddev	.0001525	.0008661	.0004449	.0023683	.000679	.0023912	.0005221
%RSD	20.03683	68.77644	31.48833	99.55575	54.70350	.3994351	.4584701

#1	.0006884	.0003316	.0019029	.0000086	-.002025	.5991533	.1142319
#2	.0006588	.0020467	.0010347	.0023827	-.000883	.5960417	.1141503
#3	.0009365	.0013997	.0013007	.0047452	-.000817	.6007426	.1132894

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002068	.0000778	10.93832	.0202239	.0006564	.0100464	.9225733
Stddev	.0000612	.0000320	.01045	.0002087	.0000553	.0031333	.0048111
%RSD	29.59217	41.08504	.0955632	1.031751	8.430508	31.18818	.5214870

#1	.0001365	.0000847	10.92727	.0203775	.0007098	.0082075	.9187814
#2	.0002364	.0000430	10.94804	.0199863	.0006601	.0082675	.9279853
#3	.0002477	.0001058	10.93966	.0203078	.0005993	.0136642	.9209531

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2383751	4.407268	.0105577	.0002319	11.49061	.0000095	.0039081
Stddev	.0030366	.037184	.0003443	.0001431	.08622	.0008044	.0036906
%RSD	1.273857	.8437058	3.261290	61.71151	.7503451	8481.603	94.43426

#1	.2356303	4.433156	.0101611	.0001739	11.43989	-.000500	.0038172
#2	.2416370	4.423991	.0107806	.0001269	11.59016	-.000408	.0002638
#3	.2378581	4.364659	.0107313	.0003949	11.44178	.000937	.0076432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6980143	.0200474	6.914992	.0043710	1.780143	2.200407	-.001706
Stddev	.0434966	.0002993	.081599	.0001000	.024947	.017594	.000013
%RSD	6.231473	1.493135	1.180034	2.288410	1.401423	.7995566	.7678440

#1	.6479821	.0203897	6.827786	.0044832	1.751435	2.180777	-.001701
#2	.7192179	.0198348	6.927694	.0042913	1.792432	2.205689	-.001721
#3	.7268429	.0199178	6.989495	.0043384	1.796562	2.214753	-.001697

Sample Name: J1729-09DLX5 Acquired: 3/15/2018 13:20:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AE2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0054724	.0046274	.1629777
Stddev	.0009630	.0016684	.0001546
%RSD	17.59682	36.05542	.0948486

#1	.0049427	.0027242	.1631532
#2	.0065840	.0053197	.1628619
#3	.0048906	.0058381	.1629181

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1790.677	3640.324	40009.81	5051.099	4227.023
Stddev	13.005	17.302	193.70	13.553	25.914
%RSD	.7262802	.4752811	.4841316	.2683182	.6130524

#1	1790.065	3653.349	39812.51	5066.667	4250.272
#2	1777.988	3646.930	40017.22	5044.703	4231.712
#3	1803.977	3620.692	40199.70	5041.928	4199.085

Sample Name: J1729-08DLX2 Acquired: 3/15/2018 13:16:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126163	.0000336	.0009859	.0004222	-.001723	.0853066	.0645671
Stddev	.0030742	.0010941	.0016534	.0007701	.001350	.0042101	.0008344
%RSD	24.36692	3254.126	167.6927	182.3882	78.37181	4.935304	1.292300

#1	.0097917	.0012288	.0024737	.0013008	-.003282	.0888470	.0654515
#2	.0121667	-.000210	-.000794	-.000135	-.000954	.0864218	.0644560
#3	.0158906	-.000918	.001278	.000101	-.000933	.0806512	.0637938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000747	-.000045	32.41055	.0166379	-.000626	.0033884	.9559530
Stddev	.0000365	.000019	.20120	.0001742	.000142	.0005249	.0040908
%RSD	48.87061	41.06584	.6207762	1.047223	22.76170	15.49113	.4279296

#1	.0000587	-.000046	32.64183	.0168349	-.000771	.0033613	.9605071
#2	.0001164	-.000063	32.31396	.0165042	-.000486	.0028776	.9547624
#3	.0000489	-.000026	32.27587	.0165745	-.000619	.0039263	.9525896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0792906	15.20517	.0083303	.0001583	9.844229	.0010391	.0069162
Stddev	.0004910	.15326	.0000882	.0000110	.304283	.0031747	.0005450
%RSD	.6191845	1.007960	1.058715	6.926136	3.090982	305.5268	7.879939

#1	.0792798	15.36037	.0083136	.0001456	10.08739	-.002261	.0067656
#2	.0788052	15.20123	.0084256	.0001647	9.50300	.001306	.0064623
#3	.0797869	15.05392	.0082516	.0001645	9.94230	.004072	.0075206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8653621	.0107350	4.765177	.0199122	9.839202	3.902816	-.001312
Stddev	.0779758	.0005408	.040128	.0001850	.074911	.034434	.000914
%RSD	9.010772	5.037871	.8421114	.9292000	.7613561	.8822779	69.66707

#1	.9146422	.0102091	4.811479	.0199610	9.922290	3.942571	-.002315
#2	.9059818	.0107064	4.743558	.0197076	9.776825	3.882345	-.000526
#3	.7754623	.0112896	4.740493	.0200679	9.818490	3.883532	-.001095

Sample Name: J1729-08DLX2 Acquired: 3/15/2018 13:16:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002878	-.000884	1.433752
Stddev	.0000430	.000716	.012544
%RSD	14.92575	81.03954	.8749264

#1	.0002439	-.000483	1.448235
#2	.0002896	-.001711	1.426682
#3	.0003298	-.000458	1.426338

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.968	3633.911	39799.55	5053.515	4165.720
Stddev	12.141	30.578	224.26	58.946	34.341
%RSD	.6828338	.8414743	.5634747	1.166434	.8243658

#1	1790.685	3603.941	40037.55	4987.554	4131.568
#2	1776.720	3665.063	39768.94	5071.955	4200.247
#3	1766.501	3632.728	39592.17	5101.037	4165.345

Sample Name: J1729-07DLX20 Acquired: 3/15/2018 13:12:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027602	.0008729	.0003814	-.000085	-.001867	.0425058
Stddev	.0032870	.0002260	.0012635	.002427	.000570	.0107422
%RSD	119.0873	25.89538	331.2721	2844.929	30.51434	25.27231

#1	.0047207	.0006494	-.000644	.000842	-.002110	.0357679
#2	.0045945	.0011014	-.000005	-.002839	-.001216	.0548939
#3	-.001035	.0008679	.001793	.001741	-.002274	.0368555

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444679	.0001408	-.000040	27.43220	.0089483	-.000751
Stddev	.0004694	.0000645	.000065	.10709	.0003559	.000162
%RSD	1.055483	45.80153	160.9770	.3903832	3.976952	21.51882

#1	.0445077	.0001891	-.000109	27.43414	.0085633	-.000565
#2	.0439800	.0001657	-.000030	27.32415	.0090162	-.000836
#3	.0449161	.0000676	.000019	27.53830	.0092653	-.000853

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023789	1.676757	.1348555	7.740893	.0040441	.0002809
Stddev	.0009404	.008167	.0007517	.051036	.0003123	.0002826
%RSD	39.52944	.4870492	.5573813	.6593079	7.722118	100.5868

#1	.0013214	1.672243	.1351342	7.776640	.0038868	.0001856
#2	.0026941	1.671843	.1340044	7.682445	.0044038	.0000583
#3	.0031212	1.686184	.1354281	7.763595	.0038418	.0005988

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.19517	.0035999	-.000782	-.001774	.0060394	C .0000000
Stddev	.39914	.0018219	.000764	.025387	.0018473	.0000000
%RSD	.6630774	50.61040	97.66237	1431.425	30.58757	.0000000

#1	60.29808	.0040617	-.001295	-.022274	.0077450	C .0000000
#2	59.75466	.0051465	-.001147	.026624	.0062958	C .0000000
#3	60.53279	.0015915	.000096	-.009671	.0040773	C .0000000

Sample Name: J1729-07DLX20 Acquired: 3/15/2018 13:12:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AE0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485606	8.035960	3.389885	-.001362	.0004924	.0002631
Stddev	.0004316	.047460	.033402	.000347	.0011800	.0008214
%RSD	.8888569	.5905899	.9853486	25.50044	239.6205	312.2208

#1	.0485403	8.005549	3.390288	-.001587	-.000354	-.000427
#2	.0481395	8.011684	3.423083	-.001536	.001840	.001172
#3	.0490020	8.090647	3.356283	-.000962	-.000008	.000045

Elem	Sr4077
Units	ppm
Avg	.3431005
Stddev	.0010708
%RSD	.3120834

#1	.3441399
#2	.3420010
#3	.3431605

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.418	3612.002	39712.71	5059.436	4085.972
Stddev	9.447	18.444	87.41	28.347	23.009
%RSD	.5309061	.5106184	.2201080	.5602716	.5631129

#1	1768.790	3619.715	39743.89	5064.228	4101.199
#2	1786.861	3625.338	39780.26	5028.999	4097.213
#3	1782.602	3590.954	39613.99	5085.081	4059.504

Sample Name: J1729-06DLX10 Acquired: 3/15/2018 13:08:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003015	.0019503	-.001152	.0013375	-.000804	.0106418	.0055796
Stddev	.001344	.0006746	.000362	.0022827	.000720	.0025431	.0002539
%RSD	44.58076	34.58866	31.41205	170.6640	89.51148	23.89759	4.551097

#1	-.001468	.0026881	-.000817	.0000740	-.001096	.0077967	.0054825
#2	-.003896	.0017978	-.001102	.0039726	.000016	.0114344	.0058677
#3	-.003682	.0013651	-.001536	-.000034	-.001331	.0126942	.0053885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000848	-.000004	5.316658	.0062096	-.000189	.0060019	1.137796
Stddev	.0000278	.000045	.314495	.0005706	.000080	.0030441	.060801
%RSD	32.82550	1171.209	5.915268	9.188727	42.15276	50.71940	5.343794

#1	.0001159	-.000055	5.120059	.0056783	-.000181	.0072193	1.095020
#2	.0000766	.000033	5.679379	.0061377	-.000273	.0082489	1.207397
#3	.0000620	.000010	5.150537	.0068127	-.000114	.0025375	1.110971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106023	2.457559	.0024112	.0001190	3.003005	-.000300	-.000772
Stddev	.0004336	.140537	.0002831	.0001675	.132522	.002265	.001167
%RSD	4.089476	5.718559	11.74209	140.7822	4.412991	755.4598	151.1528

#1	.0106188	2.359983	.0026072	.0000920	2.875871	-.000051	.000365
#2	.0110274	2.618641	.0025398	-.000033	3.140328	-.002679	-.000714
#3	.0101607	2.394054	.0020866	.000298	2.992817	.001831	-.001967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.028169	-.000503	5.668910	.0008982	.6153646	.0584274	-.000953
Stddev	.008872	.001788	.257543	.0000685	.0161084	.0041784	.000956
%RSD	31.49619	355.3311	4.543070	7.624183	2.617694	7.151454	100.3487

#1	-.034168	.000974	5.600013	.0009290	.5984156	.0585820	-.001976
#2	-.017978	.000008	5.953894	.0009459	.6172037	.0625264	-.000800
#3	-.032361	-.002491	5.452823	.0008197	.6304744	.0541738	-.000082

Sample Name: J1729-06DLX10 Acquired: 3/15/2018 13:08:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007183	-.001192	.0767897
Stddev	.0008959	.001565	.0044572
%RSD	124.7382	131.2708	5.804376

#1	.0004301	-.002706	.0740970
#2	.0017228	.000420	.0819345
#3	.0000019	-.001291	.0743375

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.453	3646.990	39817.32	4937.491	4289.254
Stddev	7.475	40.430	204.16	216.108	43.928
%RSD	.4222302	1.108574	.5127521	4.376870	1.024141

#1	1777.537	3693.384	40039.28	5022.102	4339.530
#2	1771.183	3628.292	39637.53	4691.880	4269.939
#3	1762.640	3619.293	39775.16	5098.492	4258.292

Sample Name: J1743-02 Acquired: 3/15/2018 13:04:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001345	.0001422	.0003208	-.000065	-.002535	.0020849	.0009511
Stddev	.001741	.0008123	.0007561	.001983	.000885	.0049201	.0004918
%RSD	129.4380	571.2306	235.7044	3041.446	34.92497	235.9842	51.71044

#1	-.003355	.0001418	-.000444	.001916	-.003014	-.002945	.0006709
#2	-.000277	.0009547	.000339	-.002051	-.001513	.006887	.0006635
#3	-.000404	-.000670	.001068	-.000060	-.003078	.002313	.0015191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000498	-.000017	.9505342	.0036630	-.000025	.0076485	.0216922
Stddev	.0000598	.000043	.0111291	.0001982	.000070	.0011136	.0028866
%RSD	120.0556	257.0831	1.170822	5.411924	277.4680	14.56004	13.30710

#1	.0000324	.000033	.9528774	.0035919	.000008	.0088888	.0249531
#2	.0000006	-.000048	.9603052	.0038870	.000022	.0067345	.0206595
#3	.0001163	-.000036	.9384202	.0035101	-.000105	.0073222	.0194640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024587	.2976109	.0026440	.0002478	.4421692	-.002603	.0090119
Stddev	.0002840	.0070657	.0001856	.0005838	.1237210	.003358	.0017567
%RSD	11.55145	2.374126	7.018838	235.5586	27.98046	129.0325	19.49357

#1	.0023521	.3043476	.0027367	.0008738	.4572365	-.005460	.0110183
#2	.0022433	.2902568	.0027649	.0001516	.5576664	-.003445	.0077504
#3	.0027805	.2982284	.0024303	-.000282	.3116046	.001097	.0082668

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.690702	.0025308	.0457556	.0009718	.0839010	.0454092	-.000542
Stddev	.041770	.0014885	.0021504	.0000845	.0022602	.0005190	.000225
%RSD	6.047406	58.81632	4.699836	8.692457	2.693917	1.142924	41.47656

#1	-.706974	.0012158	.0482365	.0008769	.0827371	.0459227	-.000487
#2	-.721887	.0041468	.0444239	.0010387	.0824599	.0448848	-.000350
#3	-.643245	.0022297	.0446065	.0009998	.0865059	.0454202	-.000790

Sample Name: J1743-02 Acquired: 3/15/2018 13:04:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B92 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002737	-.006869	.0038059
Stddev	.0007126	.000928	.0000571
%RSD	260.3781	13.51479	1.499367

#1	.0010959	-.007771	.0038306
#2	-.000167	-.006920	.0038464
#3	-.000108	-.005916	.0037406

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.390	3907.153	42623.90	5245.476	4649.849
Stddev	15.293	19.381	219.47	42.095	23.441
%RSD	.7967594	.4960517	.5148905	.8024957	.5041261

#1	1902.004	3929.270	42426.36	5216.207	4673.084
#2	1925.407	3899.055	42585.19	5293.718	4650.256
#3	1930.760	3893.133	42860.14	5226.502	4626.207

Sample Name: J1743-01 Acquired: 3/15/2018 13:00:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008390	.0018973	.0020364	.0049290	-.002091	.0322380
Stddev	.0015820	.0014709	.0004900	.0025907	.000853	.0047714
%RSD	188.5598	77.52871	24.06036	52.56127	40.79469	14.80059

#1	.0024512	.0010644	.0026016	.0078095	-.002099	.0284389
#2	.0007767	.0035957	.0017319	.0027896	-.002939	.0306818
#3	-.000711	.0010318	.0017756	.0041878	-.001234	.0375932

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947182	.0001757	-.000019	48.20016	.0012383	-.000821
Stddev	.0007966	.0000519	.000080	.03028	.0001095	.000102
%RSD	.8410029	29.50504	433.3182	.0628201	8.842950	12.41754

#1	.0952641	.0002303	-.000081	48.16539	.0013629	-.000930
#2	.0950863	.0001272	-.000047	48.21440	.0011945	-.000805
#3	.0938041	.0001697	.000072	48.22069	.0011574	-.000728

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043713	-.002373	.0224068	19.66310	.0012499	.0001835
Stddev	.0010634	.006998	.0003785	.03311	.0001808	.0002748
%RSD	24.32702	294.8482	1.689176	.1683697	14.46841	149.7198

#1	.0036445	-.007072	.0219866	19.66046	.0013260	-.000131
#2	.0038775	-.005718	.0227210	19.63139	.0010435	.000307
#3	.0055918	.005669	.0225129	19.69744	.0013803	.000375

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.37229	.0013761	.0075893	3.045738	.0073380	C .0000000
Stddev	.25842	.0013700	.0039056	.083626	.0017091	.0000000
%RSD	.4752880	99.55488	51.46143	2.745659	23.29065	.0000000

#1	54.36454	.0028275	.0031052	2.958564	.0053728	C .0000000
#2	54.11783	.0001055	.0102473	3.053356	.0081646	C .0000000
#3	54.63450	.0011954	.0094154	3.125294	.0084766	C .0000000

Sample Name: J1743-01 Acquired: 3/15/2018 13:00:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0B91 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158603	8.743191	6.798897	-.003061	-.000953	.0278933
Stddev	.0002295	.052716	.063760	.000334	.001541	.0007028
%RSD	1.446981	.6029423	.9377933	10.90742	161.5853	2.519640

#1	.0158957	8.707053	6.853293	-.003064	-.001087	.0270824
#2	.0160700	8.803681	6.728733	-.003393	.000650	.0282703
#3	.0156151	8.718840	6.814663	-.002725	-.002423	.0283272

Elem	Sr4077
Units	ppm
Avg	.6548107
Stddev	.0007144
%RSD	.1091022

#1	.6553883
#2	.6550321
#3	.6540118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.792	3767.845	41080.96	5176.788	4251.349
Stddev	9.073	18.247	297.77	17.601	21.450
%RSD	.4907327	.4842892	.7248342	.3399986	.5045460

#1	1854.091	3776.501	41084.54	5169.729	4257.599
#2	1853.968	3746.880	41376.92	5196.823	4227.468
#3	1838.316	3780.153	40781.41	5163.812	4268.979

Sample Name: PB107203BS Acquired: 3/15/2018 12:56:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0180325	.0511948	.0176841	.0659553	.1216718	.4820044
Stddev	.0025110	.0016255	.0009005	.0010702	.0023736	.0053075
%RSD	13.92501	3.175118	5.092321	1.622572	1.950830	1.101137

#1	.0206667	.0508769	.0168017	.0657989	.1240178	.4759136
#2	.0177646	.0529557	.0186017	.0670950	.1217262	.4844612
#3	.0156661	.0497517	.0176488	.0649719	.1192715	.4856384

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3740614	.0098189	.0097839	10.14105	F .0282661	.0926180
Stddev	.0007300	.0001356	.0000452	.02856	.0000436	.0002396
%RSD	.1951482	1.381285	.4615154	.2816403	.1542191	.2586740

#1	.3736484	.0098891	.0098182	10.12448	.0282686	.0928546
#2	.3736316	.0096626	.0098006	10.17403	.0283083	.0926238
#3	.3749043	.0099051	.0097327	10.12464	.0282213	.0923756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526014	F .2823231	.0303059	9.374045	.0798998	.0188302
Stddev	.0001512	.0019574	.0003727	.052761	.0001847	.0001639
%RSD	.2875068	.6933373	1.229809	.5628433	.2311446	.8703973

#1	.0524433	.2845461	.0304987	9.360899	.0800079	.0189191
#2	.0527446	.2815653	.0305427	9.432136	.0800050	.0189304
#3	.0526164	.2808578	.0298763	9.329099	.0796866	.0186410

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.979913	.0941140	.1123926	8.293242	.0258043	F .1924497
Stddev	.357862	.0025521	.0026600	.030510	.0035482	.0025346
%RSD	3.985140	2.711680	2.366715	.3678849	13.75058	1.317039

#1	9.244002	.0917798	.1093923	8.258026	.0270452	.1948283
#2	9.123110	.0937234	.1144621	8.311696	.0285655	.1897836
#3	8.572627	.0968389	.1133233	8.310004	.0218023	.1927370

Sample Name: PB107203BS Acquired: 3/15/2018 12:56:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	.0204007	.1692244	.1652922	F .0127571	.1976417	.0915782
Stddev	.0003014	.0061072	.0020361	.0002611	.0011564	.0006446
%RSD	1.477386	3.608960	1.231813	2.046502	.5850807	.7038863

#1	.0203946	.1709064	.1663115	.0130363	.1989705	.0919904
#2	.0201024	.1743145	.1629478	.0125191	.1968637	.0908354
#3	.0207051	.1624525	.1666174	.0127158	.1970909	.0919089

Elem	Sr4077
Units	ppm
Avg	.1980474
Stddev	.0002822
%RSD	.1424666

#1	.1980245
#2	.1983403
#3	.1977774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.395	3618.202	39635.51	5028.118	4186.595
Stddev	5.532	9.338	85.28	20.592	10.299
%RSD	.3119218	.2580796	.2151555	.4095445	.2460017

#1	1772.696	3609.617	39657.55	5021.431	4175.926
#2	1779.243	3616.843	39541.37	5051.223	4187.378
#3	1768.246	3628.144	39707.60	5011.701	4196.480

Sample Name: PB107203BL Acquired: 3/15/2018 12:52:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	-.001296	.0000394	.0000397	-.001342	-.000642	-.002506	-.001933
Stddev	.001299	.0010683	.0008201	.001201	.000615	.003872	.000389
%RSD	100.2356	2709.007	2067.654	89.47016	95.70980	154.4906	20.13176

#1	-.000481	-.000095	-.000192	.000028	-.001349	.001741	-.001516
#2	-.002795	.001168	.000951	-.002213	-.000346	-.003422	-.002287
#3	-.000613	-.000955	-.000639	-.001840	-.000232	-.005839	-.001997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000908	.0000188	-.011951	.0001956	-.000016	.0031318	-.013190
Stddev	.0000493	.0000159	.015056	.0005893	.000278	.0003506	.010804
%RSD	54.29618	84.87172	125.9843	301.3466	1719.343	11.19616	81.91306

#1	.0001319	.0000313	-.020664	.0008618	-.000024	.0030098	-.023818
#2	.0000361	.0000008	-.020623	-.000257	-.000291	.0035272	-.013535
#3	.0001045	.0000242	.005435	-.000018	.000266	.0028585	-.002217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005904	.0171762	.0001348	.0000634	-.199685	-.000081	.0007164
Stddev	.0004051	.0168202	.0002197	.0001900	.042947	.002548	.0013180
%RSD	68.61303	97.92748	163.0453	299.7085	21.50749	3142.976	183.9689

#1	.0001665	.0163838	.0000573	-.000023	-.158536	.002147	.0018357
#2	.0009736	.0343786	-.000036	-.000068	-.244229	.000469	.0010499
#3	.0006312	.0007662	.000383	.000281	-.196290	-.002859	-.000736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147438	-.001134	.0039702	.0002464	.0004841	-.009138	-.001358
Stddev	.033474	.000872	.0013392	.0001879	.0022368	.000903	.000597
%RSD	22.70400	76.88031	33.73252	76.23743	462.0513	9.880366	43.92866

#1	-.128260	-.000304	.0054088	.0004395	.0030381	-.009124	-.000827
#2	-.127963	-.002043	.0037421	.0000642	-.000460	-.010048	-.001243
#3	-.186090	-.001056	.0027596	.0002356	-.001126	-.008242	-.002004

Sample Name: PB107203BL Acquired: 3/15/2018 12:52:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) 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	-.000987	-.002264	.0000216
Stddev	.000616	.000430	.0000305
%RSD	62.34609	18.98835	141.4262

#1	-.000503	-.002745	.0000077
#2	-.001680	-.002130	.0000005
#3	-.000778	-.001918	.0000566

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.126	3659.355	40047.62	4990.579	4315.431
Stddev	22.255	48.338	450.11	46.053	63.409
%RSD	1.248776	1.320939	1.123948	.9228075	1.469357

#1	1759.642	3646.723	39566.63	4952.635	4295.812
#2	1782.592	3712.754	40117.57	5041.818	4386.330
#3	1804.144	3618.587	40458.67	4977.286	4264.150

Sample Name: J1729-03LX5 Acquired: 3/15/2018 12:47:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001272	.0006886	-.000328	-.000613	-.000328	.0371670	.0485191
Stddev	.000800	.0014359	.000971	.002143	.000721	.0075812	.0002505
%RSD	62.86899	208.5199	295.6661	349.6324	219.4673	20.39756	.5162511

#1	-.000511	.0020709	-.000179	.001289	-.001148	.0284420	.0483790
#2	-.001200	-.000795	-.001366	-.002935	-.000044	.0421459	.0483701
#3	-.002106	.000790	.000559	-.000193	.000207	.0409130	.0488083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001547	.0000298	10.46012	.0039806	-.000514	.0034744	1.257490
Stddev	.0000136	.0000646	.04768	.0001624	.000071	.0045177	.021292
%RSD	8.792070	216.7339	.4558216	4.079154	13.76689	130.0306	1.693209

#1	.0001430	.0000640	10.50244	.0039347	-.000483	.0014872	1.282043
#2	.0001696	-.000045	10.40846	.0038461	-.000595	.0086451	1.246304
#3	.0001516	.000070	10.46946	.0041610	-.000464	.0002909	1.244121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152575	5.458894	.0017861	.0000186	11.37218	-.001406	.0033808
Stddev	.0005195	.021191	.0000599	.0002713	.13147	.003830	.0017825
%RSD	3.404776	.3881851	3.352098	1454.910	1.156036	272.4759	52.72451

#1	.0147041	5.466248	.0018275	-.000142	11.48940	.001221	.0052511
#2	.0153338	5.475427	.0017174	-.000134	11.39709	-.005800	.0031897
#3	.0157346	5.435005	.0018133	.000332	11.23003	.000362	.0017015

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0817980	.0015032	.0268316	.0005561	.7800352	.7695467	-.000785
Stddev	.0149159	.0012128	.0002695	.0001251	.0124881	.0059871	.000610
%RSD	18.23508	80.67625	1.004272	22.49993	1.600965	.7779988	77.65843

#1	.0974997	.0017299	.0268739	.0006358	.7695109	.7718221	-.001348
#2	.0800772	.0001932	.0265435	.0006205	.7767603	.7627556	-.000868
#3	.0678171	.0025867	.0270775	.0004119	.7938344	.7740626	-.000138

Sample Name: J1729-03LX5 Acquired: 3/15/2018 12:47:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007096	.0007830	.3276704
Stddev	.0005177	.0006344	.0009379
%RSD	72.95471	81.01866	.2862460

#1	.0006618	.0008741	.3287339
#2	.0012495	.0013669	.3273157
#3	.0002175	.0001080	.3269615

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.940	3638.332	39794.40	4992.480	4240.063
Stddev	6.652	8.091	74.50	13.827	12.565
%RSD	.3756103	.2223899	.1872134	.2769618	.2963383

#1	1771.287	3634.850	39792.65	4980.656	4241.887
#2	1777.411	3647.582	39869.76	5007.684	4251.616
#3	1764.121	3632.565	39720.79	4989.099	4226.685

Sample Name: J1729-05 Acquired: 3/15/2018 12:43:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357647	.0511766	.0198386	.0509280	.1053974	1.813575	2.098625
Stddev	.0026606	.0015963	.0004735	.0013800	.0007267	.014661	.024443
%RSD	7.439102	3.119149	2.386818	2.709624	.6894734	.8083826	1.164706

#1	.0367059	.0511767	.0202703	.0505927	.1060173	1.829028	2.119972
#2	.0378268	.0495802	.0199135	.0497466	.1055772	1.811834	2.103941
#3	.0327615	.0527728	.0193321	.0524447	.1045977	1.799862	2.071961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483146	.0502008	47.97403	.2069088	.4778672	.2466220	6.685816
Stddev	.0003594	.0002415	.55431	.0013047	.0026038	.0011391	.037498
%RSD	.7439256	.4811036	1.155430	.6305613	.5448742	.4618641	.5608595

#1	.0486303	.0501145	48.53760	.2055896	.4770034	.2479372	6.703012
#2	.0483902	.0500142	47.95500	.2069384	.4758051	.2459525	6.711632
#3	.0479234	.0504736	47.42948	.2081985	.4807931	.2459762	6.642804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5535456	25.17759	.4786630	.0446124	51.90372	.4749113	.4623359
Stddev	.0059649	.16897	.0024888	.0003000	.52925	.0015375	.0099925
%RSD	1.077585	.6710933	.5199537	.6724814	1.019685	.3237399	2.161299

#1	.5596488	25.36003	.4772809	.0448804	52.50610	.4766776	.4738695
#2	.5532586	25.14626	.4771720	.0442883	51.69179	.4741829	.4562834
#3	.5477293	25.02648	.4815362	.0446684	51.51328	.4738733	.4568548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6123379	.0152307	.5331722	.0002176	3.767815	3.600932	-.002401
Stddev	.1452708	.0013963	.0030557	.0002572	.009664	.029140	.000343
%RSD	23.72396	9.167392	.5731194	118.1952	.2564780	.8092340	14.28355

#1	.5796971	.0167497	.5364078	-.000066	3.776460	3.632663	-.002783
#2	.7711524	.0140031	.5327733	.000284	3.757382	3.594761	-.002120
#3	.4861643	.0149392	.5303356	.000435	3.769601	3.575372	-.002300

Sample Name: J1729-05 Acquired: 3/15/2018 12:43:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019856	.0083368	1.490822
Stddev	.0004978	.0003498	.013318
%RSD	25.07353	4.196365	.8933522

#1	.0014152	.0080680	1.500875
#2	.0022089	.0087323	1.495874
#3	.0023326	.0082100	1.475717

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.158	3728.534	40665.09	5153.790	4191.541
Stddev	7.794	20.876	99.32	15.153	22.393
%RSD	.4251442	.5598983	.2442299	.2940184	.5342365

#1	1831.387	3735.314	40682.85	5138.677	4194.393
#2	1841.684	3745.178	40754.33	5153.711	4212.371
#3	1826.402	3705.111	40558.10	5168.983	4167.859

Sample Name: J1729-04 Acquired: 3/15/2018 12:39:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001555	.0003562	.0010763	.0013275	-.000580	.1038350	.2503518
Stddev	.0031330	.0002907	.0009337	.0027768	.001159	.0085874	.0009617
%RSD	2015.160	81.60003	86.74482	209.1829	199.9454	8.270274	.3841332

#1	-.002407	.0001095	.0014399	-.001646	-.000176	.0949667	.2497845
#2	.003648	.0002825	.0017735	.001774	.000323	.1044273	.2514622
#3	-.000775	.0006766	.0000156	.003854	-.001886	.1121109	.2498088

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002233	-.000077	51.36382	.0044437	-.000740	.0021564	6.095133
Stddev	.0000621	.000091	.09715	.0006542	.000114	.0023278	.031923
%RSD	27.79620	118.2657	.1891447	14.72226	15.39183	107.9503	.5237384

#1	.0002926	-.000132	51.31293	.0051991	-.000610	.0002499	6.061670
#2	.0001730	-.000128	51.47585	.0040609	-.000823	.0014687	6.125252
#3	.0002041	.000028	51.30269	.0040711	-.000788	.0047506	6.098477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0712099	26.96144	.0025871	.0001644	55.83234	.0011667	.0062139
Stddev	.0008161	.05495	.0002333	.0001030	.24452	.0011666	.0038389
%RSD	1.146046	.2038280	9.015992	62.63721	.4379454	99.99111	61.77962

#1	.0706828	26.93861	.0027724	.0002273	55.84274	.0005186	.0031445
#2	.0721499	27.02413	.0026637	.0000456	56.07149	.0004681	.0105184
#3	.0707969	26.92158	.0023252	.0002204	55.58279	.0025135	.0049789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6762957	.0093318	.1045317	.0004166	3.962870	3.870720	-.003050
Stddev	.0412902	.0012225	.0007404	.0001850	.016743	.010606	.000275
%RSD	6.105345	13.10009	.7083077	44.40569	.4225011	.2739968	9.002788

#1	.6288718	.0098812	.1049777	.0004359	3.948992	3.879975	-.003215
#2	.7042637	.0101833	.1049403	.0005912	3.958152	3.873038	-.003202
#3	.6957514	.0079311	.1036770	.0002227	3.981466	3.859147	-.002733

Sample Name: J1729-04 Acquired: 3/15/2018 12:39:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012171	.0099961	1.596144
Stddev	.0008027	.0004542	.001372
%RSD	65.94967	4.543254	.0859285

#1	.0018667	.0102759	1.597725
#2	.0014649	.0102402	1.595264
#3	.0003198	.0094721	1.595444

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.103	3731.481	40455.49	5132.938	4199.784
Stddev	16.510	16.360	239.61	12.637	16.009
%RSD	.9016272	.4384402	.5922724	.2461905	.3811862

#1	1812.731	3748.320	40178.84	5144.968	4216.246
#2	1835.883	3730.476	40597.14	5119.771	4198.834
#3	1844.696	3715.646	40590.48	5134.074	4184.271

Sample Name: J1729-03 Acquired: 3/15/2018 12:35:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017576	.0005440	.0010870	.0006305	-.001393	.0974048	.2505808
Stddev	.0025139	.0015739	.0012171	.0016887	.000596	.0031601	.0005854
%RSD	143.0342	289.3370	111.9745	267.8171	42.75795	3.244297	.2336245

#1	.0004527	-.001076	.0009354	.0018238	-.000883	.0982292	.2501316
#2	.0046556	.000641	-.000047	-.001302	-.002048	.1000710	.2503679
#3	.0001644	.002067	.002373	.001369	-.001249	.0939142	.2512429

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001806	-.000119	51.52117	.0043474	-.000984	.0051506	6.158457
Stddev	.0000743	.000014	.07618	.0006443	.000236	.0032380	.026591
%RSD	41.14486	12.04069	.1478522	14.82101	23.92160	62.86602	.4317854

#1	.0002664	-.000105	51.46814	.0036195	-.000801	.0075739	6.134804
#2	.0001415	-.000119	51.48691	.0048447	-.001250	.0064048	6.153327
#3	.0001341	-.000134	51.60846	.0045779	-.000902	.0014731	6.187239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0716997	27.11105	.0025630	.0003646	55.87912	-.000825	.0096024
Stddev	.0010713	.07385	.0002757	.0001196	.42784	.000113	.0022615
%RSD	1.494192	.2723956	10.75677	32.79613	.7656527	13.67030	23.55119

#1	.0708211	27.13938	.0025536	.0003070	55.62308	-.000899	.0094557
#2	.0728932	27.16654	.0028433	.0005020	55.64124	-.000881	.0074179
#3	.0713847	27.02723	.0022922	.0002846	56.37304	-.000695	.0119337

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7375894	.0083183	.1139198	.0003989	3.968997	3.902750	-.002822
Stddev	.0869666	.0004681	.0009218	.0000823	.024133	.025729	.000922
%RSD	11.79065	5.626997	.8091517	20.64154	.6080439	.6592600	32.66675

#1	.7870690	.0087392	.1148914	.0003796	3.959907	3.921041	-.001816
#2	.6371725	.0084015	.1138104	.0004891	3.950729	3.913880	-.003627
#3	.7885266	.0078142	.1130576	.0003279	3.996355	3.873330	-.003024

Sample Name: J1729-03 Acquired: 3/15/2018 12:35:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009085	.0095611	1.590837
Stddev	.0008577	.0009363	.005530
%RSD	94.41575	9.792419	.3476118

#1	.0007585	.0087796	1.584606
#2	.0018313	.0105988	1.595159
#3	.0001356	.0093049	1.592747

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.855	3742.935	40514.48	5101.653	4211.019
Stddev	18.501	14.966	223.18	13.266	16.430
%RSD	1.013859	.3998408	.5508705	.2600400	.3901737

#1	1803.743	3757.611	40260.79	5116.424	4225.725
#2	1832.581	3743.498	40680.57	5097.780	4214.046
#3	1838.242	3727.695	40602.09	5090.753	4193.286

Sample Name: CCB047 Acquired: 3/15/2018 13:45:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002300	.0002734	-.000056	-.000241	-.000568	.0115447
Stddev	.002430	.0017461	.001189	.001258	.000905	.0022090
%RSD	105.6624	638.6265	2112.576	522.1508	159.2832	19.13401

#1	.000376	.0020609	.001298	-.001329	-.001302	.0116474
#2	-.002906	-.001428	-.000929	-.000530	-.000847	.0092862
#3	-.004369	.000188	-.000538	.001136	.000443	.0137005

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001774	.0000475	.0000417	.0107384	.0007981	.0000314
Stddev	.000516	.0000353	.0000410	.0091308	.0001595	.0001254
%RSD	29.09147	74.33052	98.34189	85.02975	19.98580	399.2478

#1	-.002306	.0000213	.0000086	.0141162	.0007508	-.000045
#2	-.001275	.0000336	.0000875	.0176991	.0009759	.000176
#3	-.001742	.0000877	.0000289	.0003999	.0006676	-.000037

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036623	.0095694	.0008877	.0126302	.0002052	.0000151
Stddev	.0014798	.0022979	.0006684	.0323276	.0004114	.0001843
%RSD	40.40653	24.01344	75.30126	255.9548	200.4717	1223.400

#1	.0050008	.0071087	.0014762	-.001515	.0006751	-.000074
#2	.0039128	.0116595	.0001609	-.010214	.0000313	-.000108
#3	.0020732	.0099400	.0010259	.049620	-.000091	.000227

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769016	-.003134	-.001376	-.069717	.0002257	F .0278777
Stddev	.1503640	.002897	.004642	.022211	.0007732	.0009845
%RSD	195.5278	92.44221	337.3683	31.85896	342.4944	3.531535

#1	.0001248	-.005537	-.005215	-.095167	.0001239	.0288293
#2	-.019574	.000083	-.002696	-.059738	-.000491	.0268633
#3	.250154	-.003949	.003783	-.054245	.001045	.0279404

Sample Name: CCB047 Acquired: 3/15/2018 13:45:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002558	-.012254	-.009057	-.001011	.0012601	.0008774
Stddev	.0000994	.002205	.001000	.000800	.0015799	.0016036
%RSD	38.86718	17.99235	11.03818	79.14097	125.3754	182.7688

#1	.0001937	-.012716	-.008265	-.001081	.0005914	.0005098
#2	.0002033	-.009855	-.010180	-.001774	.0030644	-.000511
#3	.0003705	-.014192	-.008725	-.000178	.0001246	.002633

Elem	Sr4077
Units	ppm
Avg	.0001782
Stddev	.0000649
%RSD	36.43222

#1	.0001866
#2	.0001095
#3	.0002385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.466	3668.022	40170.99	5012.450	4330.159
Stddev	6.658	15.962	117.99	21.683	12.968
%RSD	.3708311	.4351791	.2937278	.4325736	.2994701

#1	1790.042	3652.650	40081.58	5004.782	4318.068
#2	1793.459	3666.898	40126.67	5036.925	4328.556
#3	1802.897	3684.516	40304.73	4995.644	4343.854

Sample Name: CCV047 Acquired: 3/15/2018 13:41:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.106716	5.062504	25.74728	5.154059	4.980452	363.8755	10.02307
Stddev	.023624	.031611	.14690	.041876	.027948	.7155	.04484
%RSD	.4626150	.6244134	.5705647	.8124808	.5611455	.1966429	.4473324

#1	5.079645	5.034134	25.58085	5.105760	4.952052	364.3121	10.04132
#2	5.123165	5.096579	25.80211	5.180206	4.981381	364.2647	10.05590
#3	5.117338	5.056798	25.85888	5.176211	5.007924	363.0498	9.97199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4847324	2.552817	380.9214	15.36829	2.576954	15.46325	369.7515
Stddev	.0045228	.014417	.7729	.00681	.012778	.03378	.3454
%RSD	.9330443	.5647681	.2028975	.0443106	.4958722	.2184548	.0934143

#1	.4873477	2.536183	381.4496	15.37438	2.563009	15.49224	370.0804
#2	.4795100	2.561736	381.2803	15.36954	2.579749	15.47135	369.7825
#3	.4873396	2.560530	380.0343	15.36094	2.588103	15.42615	369.3917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.61868	378.8513	2.535216	1.225578	369.8812	2.415272	14.71638
Stddev	.02100	.4838	.017795	.005176	.9501	.013901	.09029
%RSD	.1436810	.1277012	.7019206	.4223503	.2568657	.5755373	.6135454

#1	14.64168	379.4099	2.517444	1.228288	370.0754	2.419845	14.74139
#2	14.60052	378.5661	2.535169	1.219610	370.7193	2.399661	14.61621
#3	14.61384	378.5779	2.553034	1.228837	368.8491	2.426311	14.79152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	140.8359	5.190913	4.600974	5.005275	5.307179	4.716370	5.113865
Stddev	.3859	.035155	.033793	.018619	.038883	.056297	.024089
%RSD	.2739720	.6772377	.7344852	.3719783	.7326534	1.193658	.4710623

#1	140.6943	5.160674	4.625460	4.984208	5.279077	4.758538	5.086421
#2	141.2725	5.229486	4.562419	5.012100	5.351555	4.652440	5.131514
#3	140.5408	5.182579	4.615042	5.019519	5.290905	4.738131	5.123660

Sample Name: CCV047 Acquired: 3/15/2018 13:41:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v458) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV047 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.206515	5.151150	5.266915
Stddev	.007325	.018412	.005361
%RSD	.1406935	.3574328	.1017947

#1	5.213435	5.150188	5.266805
#2	5.207267	5.170025	5.272330
#3	5.198843	5.133239	5.261609

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.430	3037.490	34850.03	4732.180	3153.857
Stddev	13.560	8.898	41.07	11.791	9.793
%RSD	.9291600	.2929431	.1178443	.2491761	.3105214

#1	1448.435	3041.133	34817.82	4718.727	3162.796
#2	1474.582	3043.988	34896.28	4740.726	3155.385
#3	1455.272	3027.349	34835.99	4737.086	3143.389