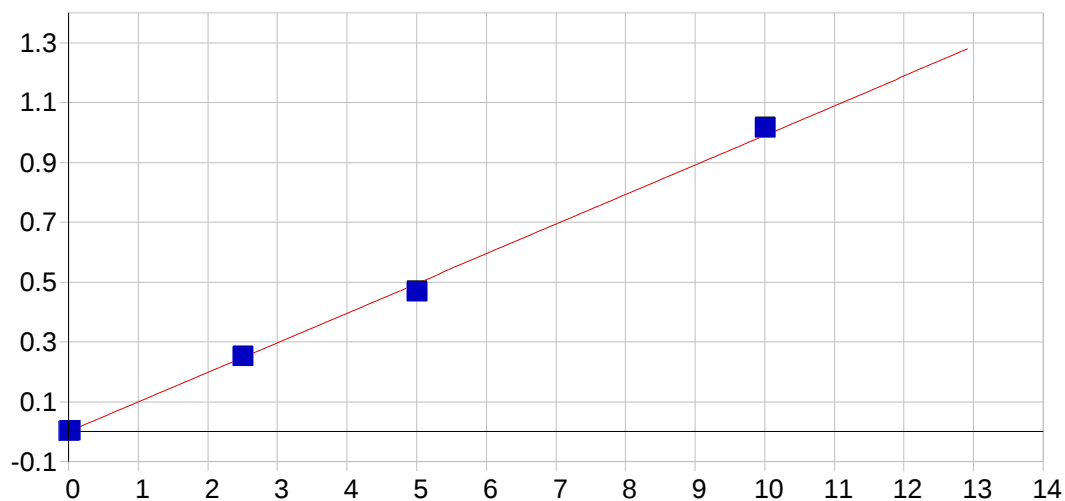


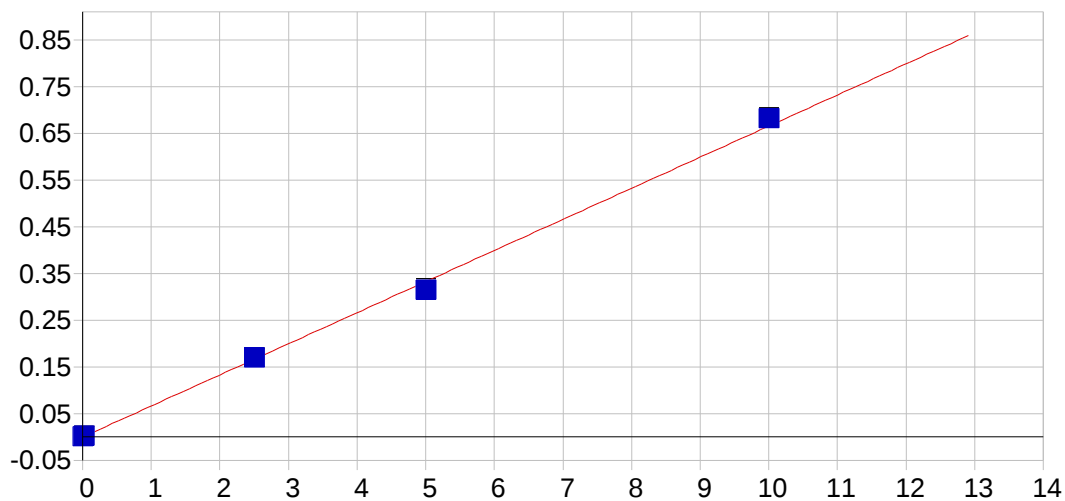


As 189.042 {478}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000116 Re-Slope: 1.000000
 A1 (Gain): 0.099087 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999365 Status: OK.
 Std Error of Est: 0.000085
 Predicted MDL: 0.002659
 Predicted MQL: 0.008865

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02190	.002	9.51	.00205	.000	1
S3	2.5000	2.5312	.031	1.25	.25068	.001	1
S4	5.0000	4.7205	-.280	-5.59	.46759	.002	1
S5	10.000	10.246	.246	2.46	1.0151	.001	1



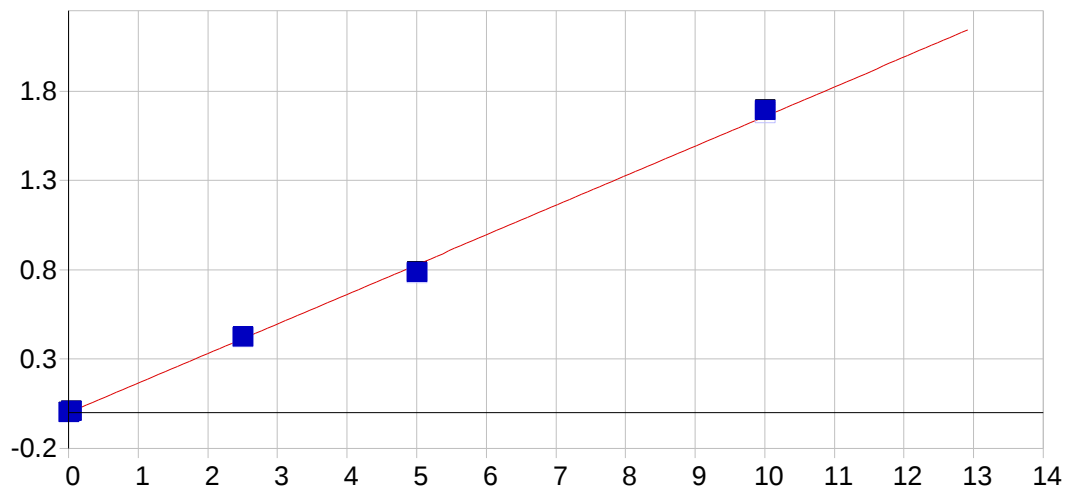
As 189.042 {479}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000058 Re-Slope: 1.000000

A1 (Gain): 0.066546 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999382 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.002563
 Predicted MQL: 0.008542

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.02000	.02197	.002	9.85	.00152	.000	1
S3	2.5000	2.5352	.035	1.41	.16876	.000	1
S4	5.0000	4.7237	-.276	-5.53	.31440	.002	1
S5	10.000	10.239	.239	2.39	.68144	.001	1

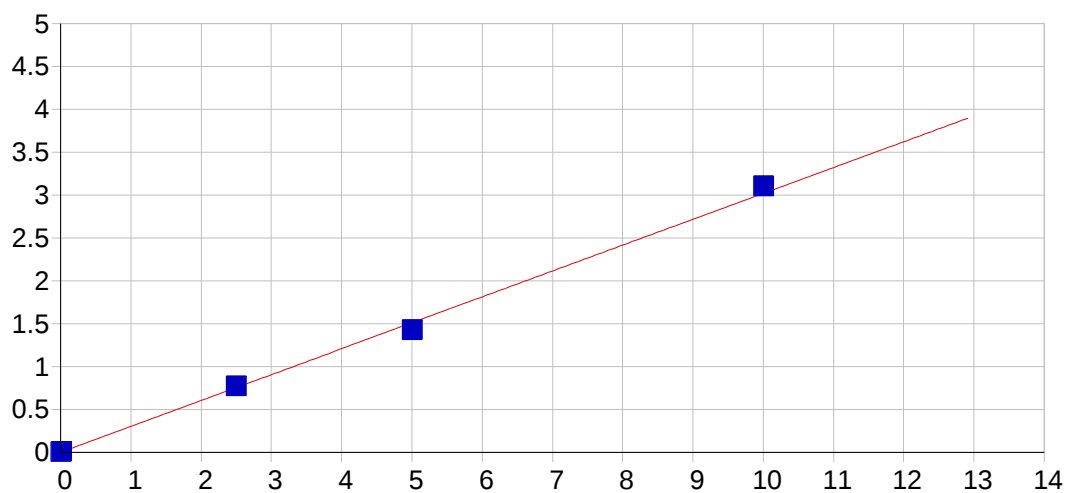


TI 190.856 {477}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000728 Re-Slope: 1.000000
 A1 (Gain): 0.165890 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999421 Status: OK.
 Std Error of Est: 0.000191
 Predicted MDL: 0.001288
 Predicted MQL: 0.004293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00073	.000	1
S1	.04000	.04862	.009	21.5	.00716	.000	1
S3	2.5000	2.5530	.053	2.12	.41853	.000	1
S4	5.0000	4.7437	-.256	-5.13	.77771	.002	1
S5	10.000	10.195	.195	1.95	1.6735	.003	1

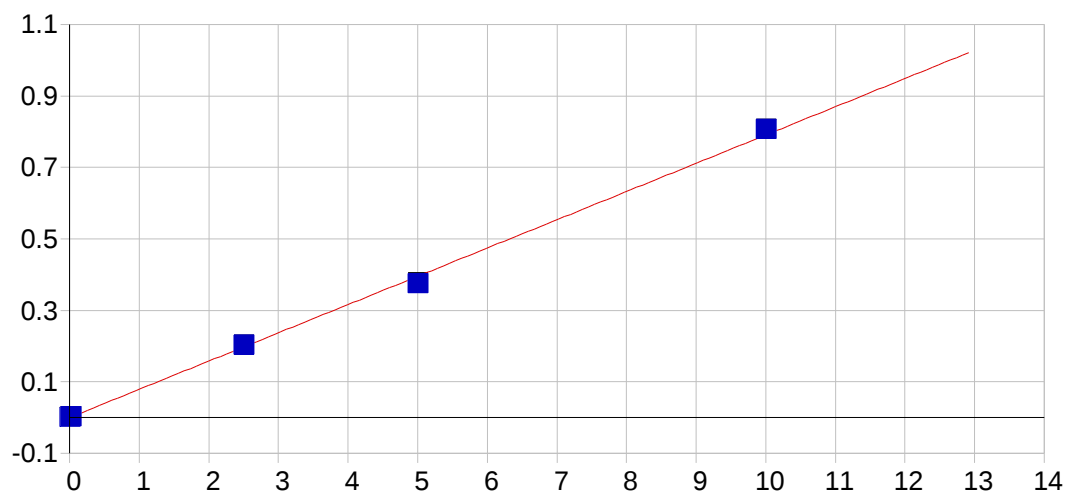


Pb 220.353 {453}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002801 Re-Slope: 1.000000
 A1 (Gain): 0.301620 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999268 Status: OK.
 Std Error of Est: 0.000216
 Predicted MDL: 0.001092
 Predicted MQL: 0.003641

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00280	.000	1
S1	.01200	.01509	.003	25.8	.00729	.000	1
S3	2.5000	2.5281	.028	1.12	.76433	.000	1
S4	5.0000	4.7044	-.296	-5.91	1.4198	.001	1
S5	10.000	10.265	.265	2.65	3.0948	.004	1



Se 196.090 {472}

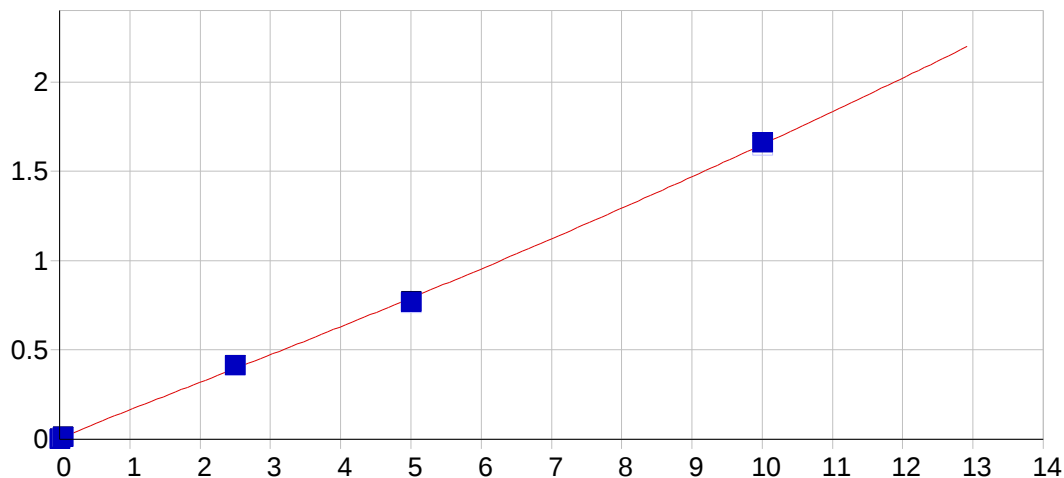
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000
 A1 (Gain): 0.079089 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999493
 Std Error of Est: 0.000061
 Predicted MDL: 0.003087
 Predicted MQL: 0.010289

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.02000	.02042	.000	2.11	.00153	.000	1
S3	2.5000	2.5568	.057	2.27	.20211	.000	1
S4	5.0000	4.7482	-.252	-5.04	.37540	.001	1
S5	10.000	10.195	.195	1.95	.80611	.001	1



Sb 206.833 {463}

Date of Fit: 11/2/2018 4:32:59

Type of Fit: Full Fit

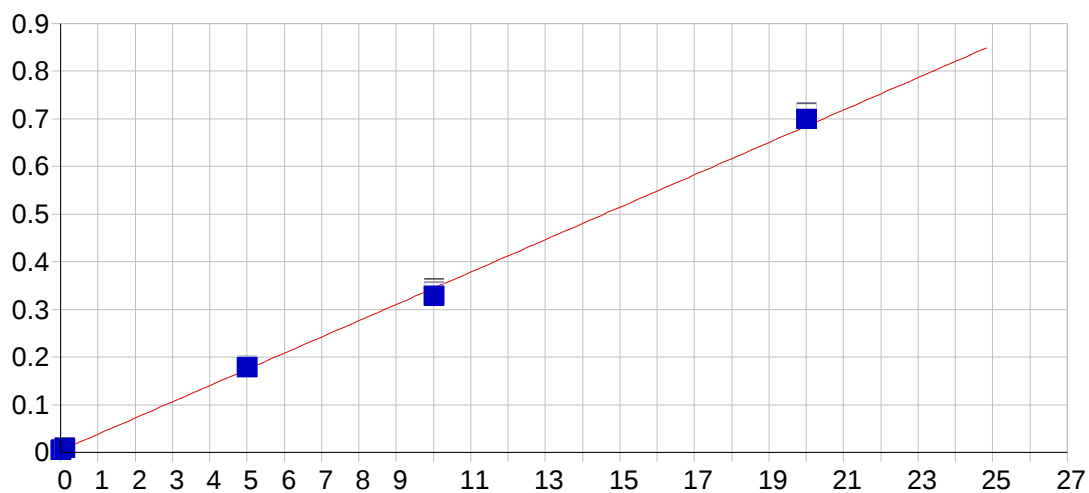
Weighting: 1/Conc

A0 (Offset): 0.000231
 A1 (Gain): 0.159611
 A2 (Curvature): 0.005325
 n (Exponent): 0.910000
 Correlation: 0.999757
 Std Error of Est: 0.000234
 Predicted MDL: 0.001864
 Predicted MQL: 0.006213

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.05000	.04580	-.004	-8.40	.00970	.000	1
S3	2.5000	2.6005	.101	4.02	.40693	.000	1
S4	5.0000	4.8593	-.141	-2.81	.75859	.002	1
S5	10.000	10.043	.043	.435	1.6394	.000	1

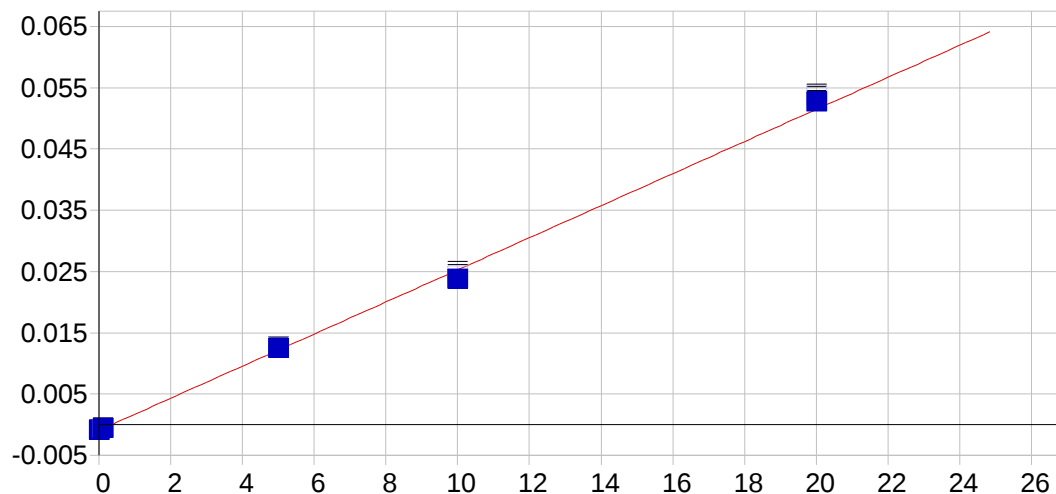


AI 308.215 {109}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004062 Re-Slope: 1.000000
 A1 (Gain): 0.034031 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999517 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.003894
 Predicted MQL: 0.012979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00406	.000	1
S1	.10000	.11577	.016	15.8	.00824	.000	1
S3	5.0000	5.0764	.076	1.53	.18020	.000	1
S4	10.000	9.5116	-.488	-4.88	.33453	.008	1
S5	20.000	20.395	.395	1.98	.71169	.001	1



AI 309.271 {109}

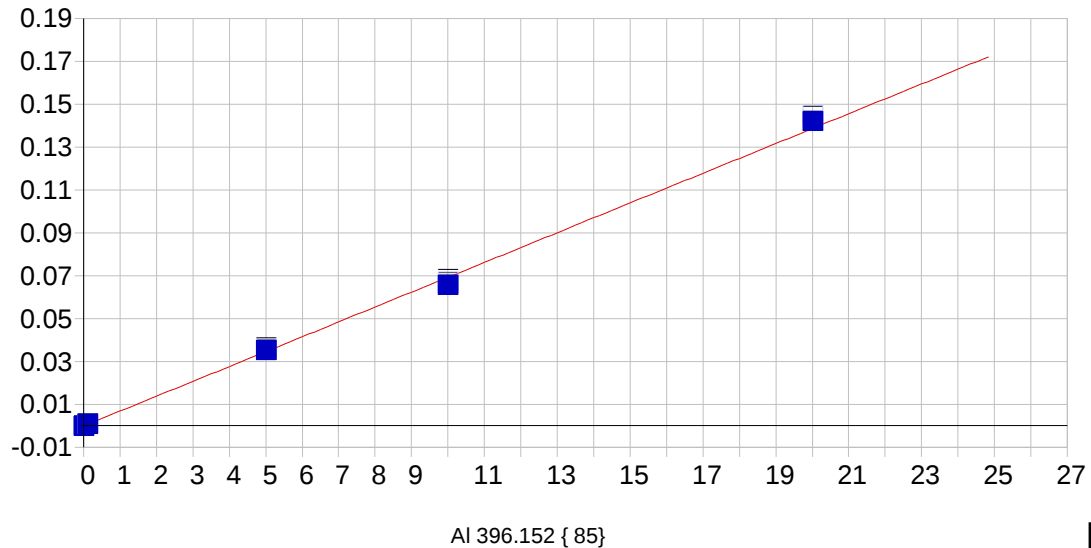
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000921 Re-Slope: 1.000000
 A1 (Gain): 0.002619 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999365
 Std Error of Est: 0.000007
 Predicted MDL: 0.035113
 Predicted MQL: 0.117043

Status: OK.

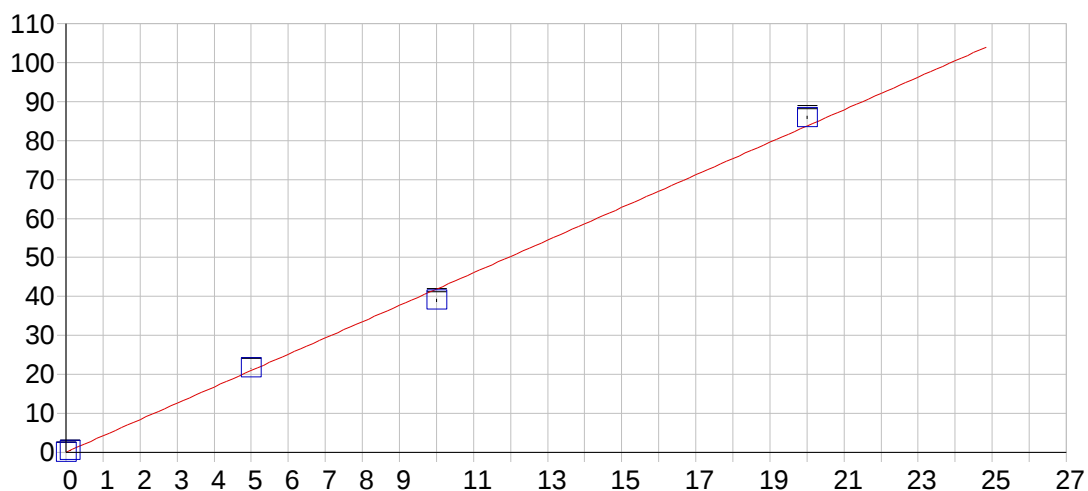
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00092	.000	1
S1	.10000	.11220	.012	12.2	-.00061	.000	1
S3	5.0000	5.0944	.094	1.89	.01268	.000	1
S4	10.000	9.4304	-.570	-5.70	.02430	.001	1
S5	20.000	20.462	.462	2.31	.05371	.000	1



Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.006935 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999424 Status: OK.
 Std Error of Est: 0.000018
 Predicted MDL: 0.017843
 Predicted MQL: 0.059476

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00006	.000	1
S1	.10000	.11036	.010	10.4	.00075	.000	1
S3	5.0000	5.0745	.075	1.49	.03582	.000	1
S4	10.000	9.4574	-.543	-5.43	.06690	.001	1
S5	20.000	20.457	.457	2.29	.14457	.000	1

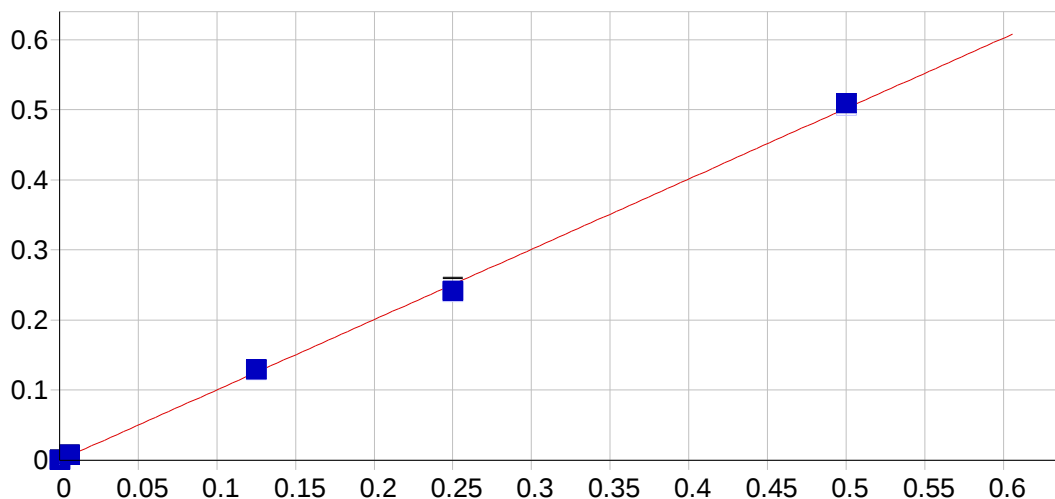


Ba 493.409 { 68}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.068459 Re-Slope: 1.000000
 A1 (Gain): 4.182986 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998997 Status: OK.
 Std Error of Est: 0.014332
 Predicted MDL: 0.000908
 Predicted MQL: 0.003026

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.06838	.001	1
S1	.10000	.12086	.021	20.9	.57403	.000	1
S3	5.0000	5.1476	.148	2.95	21.601	.122	1
S5	20.000	20.525	.525	2.62	85.922	.409	1
S4	10.000	9.3069	-.693	-6.93	38.999	.424	1



Be 234.861 {144}

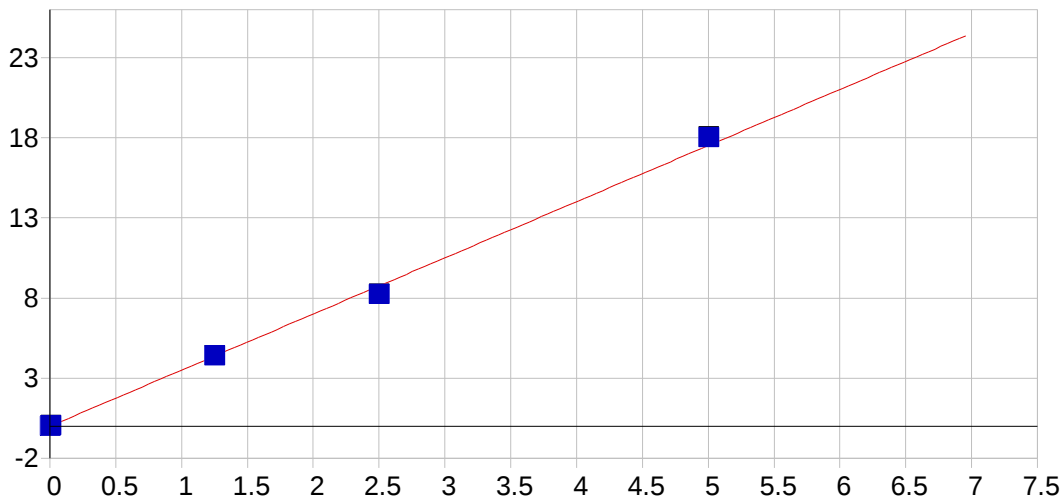
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000148 Re-Slope: 1.000000
 A1 (Gain): 1.003191 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999582
 Std Error of Est: 0.000086
 Predicted MDL: 0.000083
 Predicted MQL: 0.000275

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.00600	.00696	.001	16.0	.00707	.000	1
S3	.12500	.12773	.003	2.18	.12749	.000	1
S4	.25000	.23967	-.010	-4.13	.23901	.006	1
S5	.50000	.50664	.007	1.33	.50525	.000	1



Cd 226.502 {449}

Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

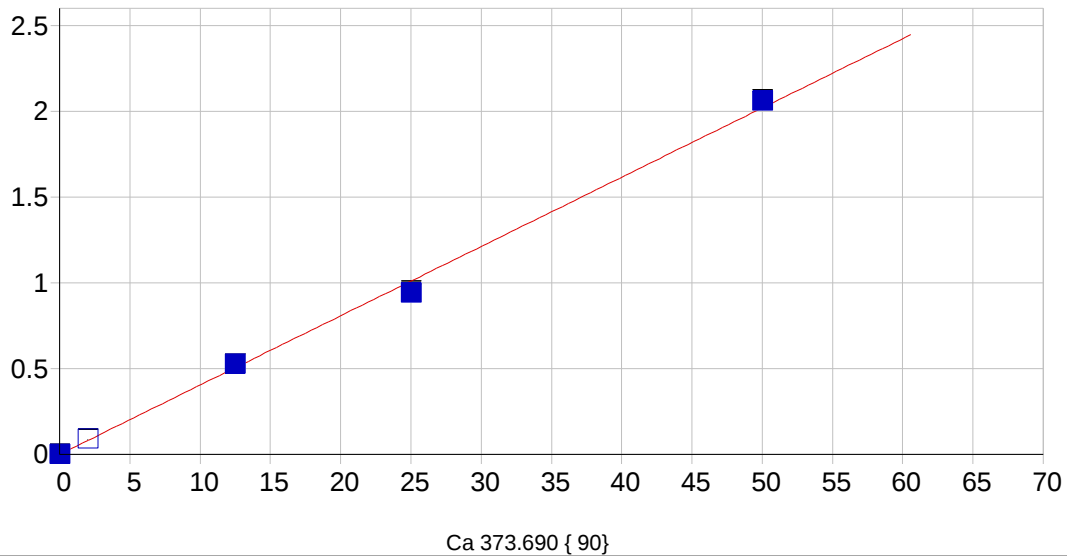
Weighting: 1/Conc

A0 (Offset): -0.001164
 A1 (Gain): 3.503509
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999232
 Std Error of Est: 0.001286
 Predicted MDL: 0.000099
 Predicted MQL: 0.000331

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

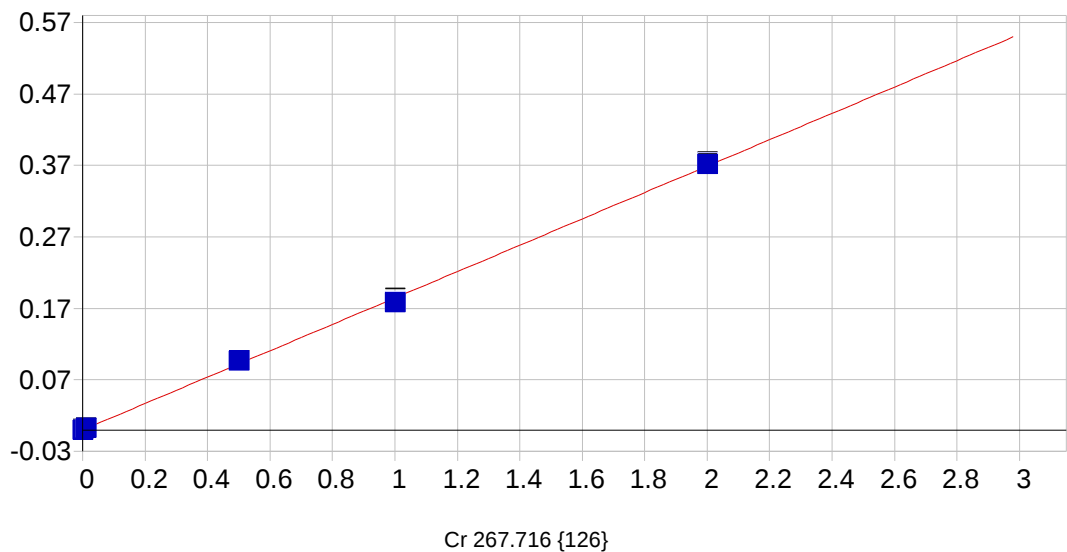
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00117	.000	1
S1	.00600	.00665	.001	10.9	.02219	.001	1
S3	1.2500	1.2550	.005	.401	4.3968	.007	1
S4	2.5000	2.3488	-.151	-6.05	8.2298	.014	1
S5	5.0000	5.1456	.146	2.91	18.030	.009	1



Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000
 A1 (Gain): 0.040381 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999046 Status: OK.
 Std Error of Est: 0.000964
 Predicted MDL: 0.025979
 Predicted MQL: 0.086595

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1673	.167	8.36	.08777	.000	1
S0	.00000	-.00016	-.000	.000	.00025	.000	1
S3	12.500	13.027	.527	4.22	.52659	.000	1
S4	25.000	23.305	-1.69	-6.78	.94189	.009	1
S5	50.000	51.000	1.000	2.00	2.0608	.007	1



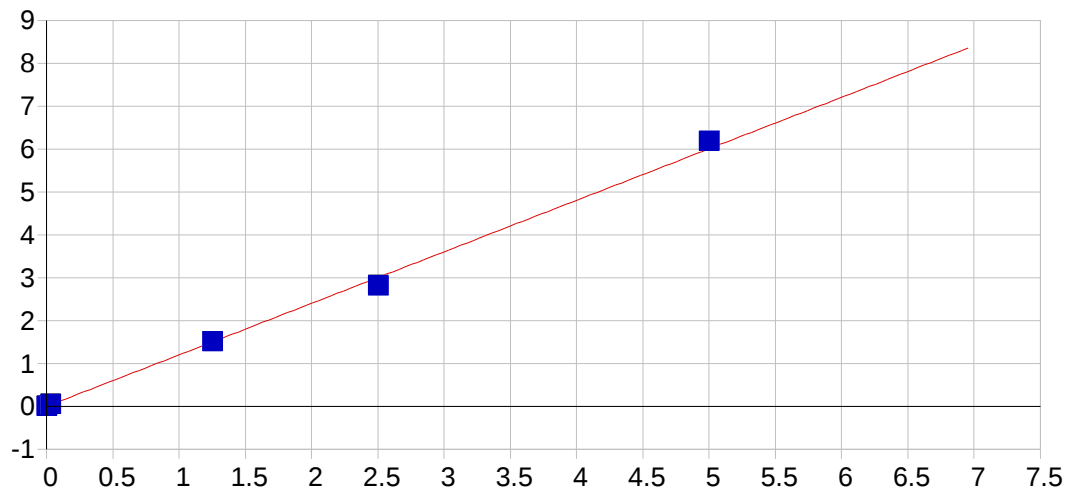
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.184563 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999634
 Std Error of Est: 0.000038
 Predicted MDL: 0.000569
 Predicted MQL: 0.001898

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01236	.002	23.6	.00230	.000	1
S3	.50000	.52009	.020	4.02	.09668	.000	1
S4	1.0000	.96573	-.034	-3.43	.17962	.005	1
S5	2.0000	2.0118	.012	.591	.37407	.001	1



Co 228.616 {447}

Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

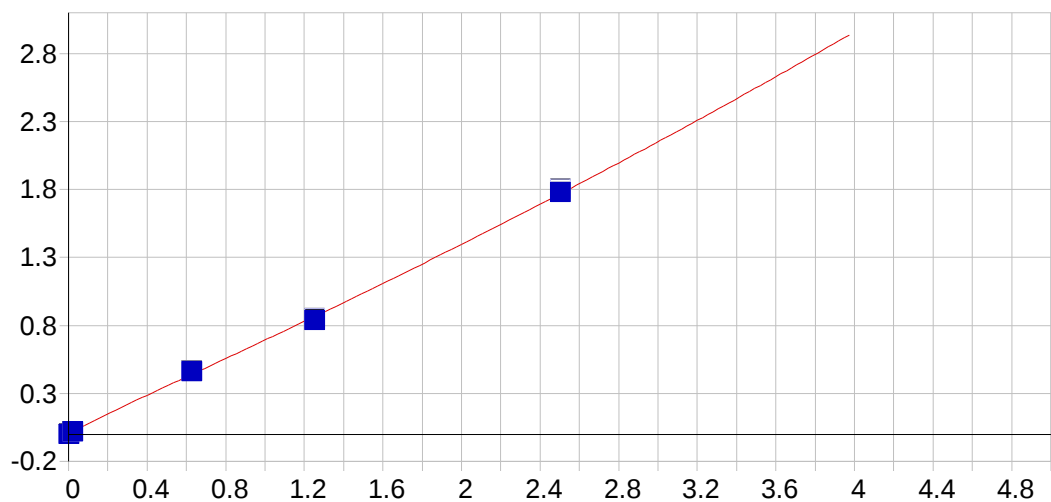
Weighting: 1/Conc

A0 (Offset): 0.000120
 A1 (Gain): 1.201664
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999102
 Std Error of Est: 0.001068
 Predicted MDL: 0.000262
 Predicted MQL: 0.000874

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00011	.000	1
S1	.03000	.03617	.006	20.6	.04334	.001	1
S3	1.2500	1.2560	.006	.478	1.5106	.003	1
S4	2.5000	2.3405	-.159	-6.38	2.8150	.004	1
S5	5.0000	5.1474	.147	2.95	6.1903	.004	1

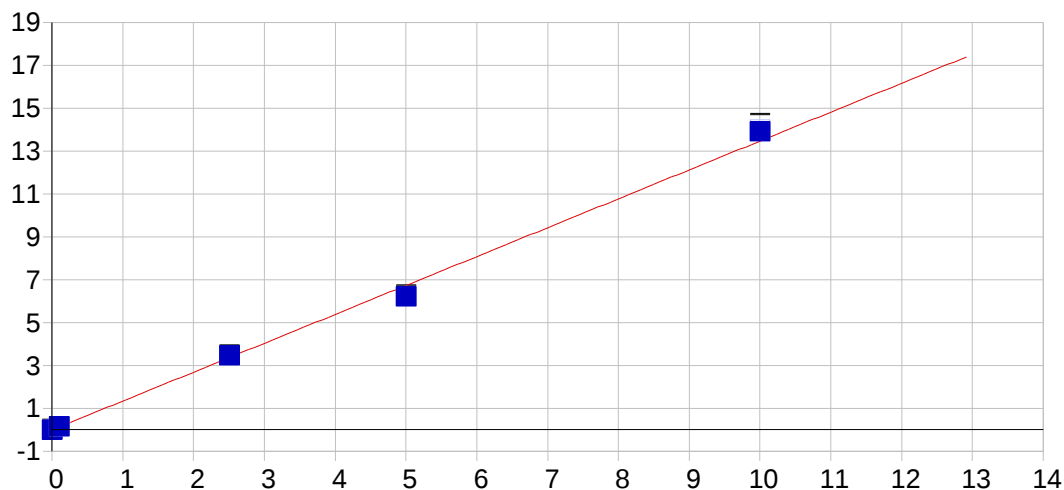


Cu 224.700 {450}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.635195 Y-int: 0.000000
 A2 (Curvature): 0.057518
 n (Exponent): 0.910000
 Correlation: 0.999706 Status: Warning Positive Curvature
 Std Error of Est: 0.000362
 Predicted MDL: 0.000564
 Predicted MQL: 0.001880

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.02000	.01832	-.002	-8.41	.01690	.000	1
S3	.62500	.65357	.029	4.57	.46411	.000	1
S4	1.2500	1.2107	-.039	-3.14	.84990	.001	1
S5	2.5000	2.5122	.012	.489	1.8014	.002	1



Fe 240.488 {140}

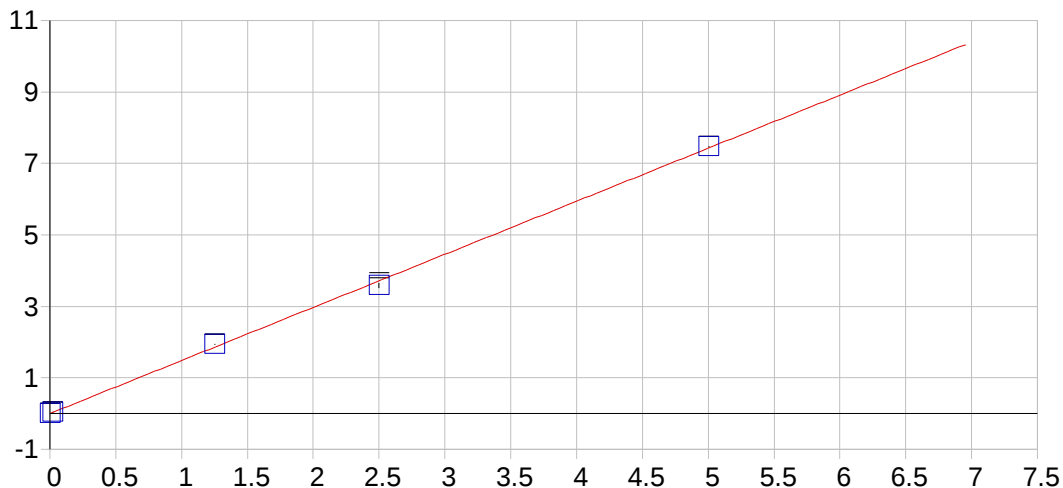
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005328 Re-Slope: 1.000000
 A1 (Gain): 1.347670 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998783
 Std Error of Est: 0.003620
 Predicted MDL: 0.009473
 Predicted MQL: 0.031576

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00533	.012	1
S1	.10000	.10642	.006	6.42	.13874	.004	1
S3	2.5000	2.5608	.061	2.43	3.4627	.028	1
S4	5.0000	4.6072	-.393	-7.86	6.2376	.036	1
S5	10.000	10.326	.326	3.26	13.978	.310	1



Mn 257.610 {131}

Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

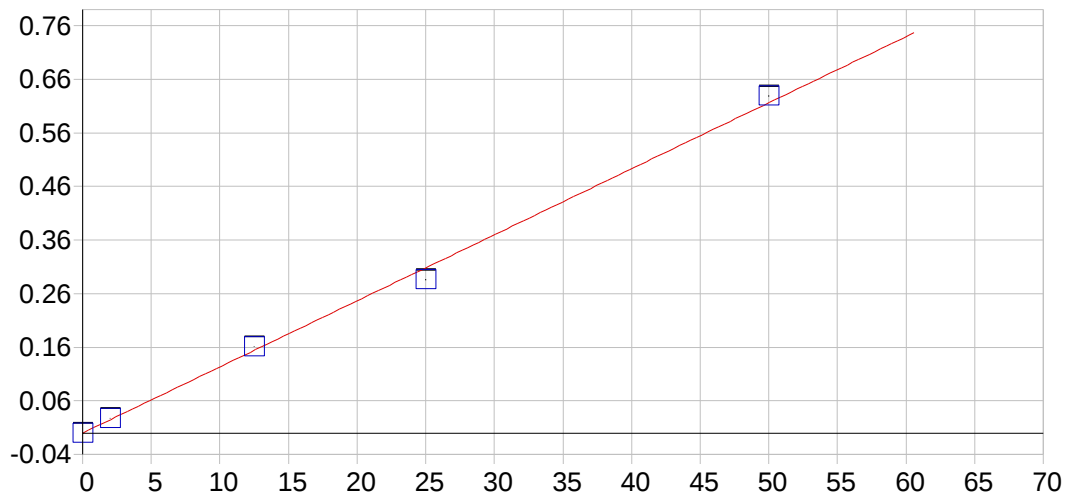
Weighting: 1/Conc

A0 (Offset): 0.000084
 A1 (Gain): 1.485320
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999633
 Std Error of Est: 0.000688
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00008	.000	1
S1	.02000	.02504	.005	25.2	.03727	.000	1
S3	1.2500	1.3015	.052	4.12	1.9333	.001	1
S4	2.5000	2.4150	-.085	-3.40	3.5871	.078	1
S5	5.0000	5.0284	.028	.569	7.4689	.004	1

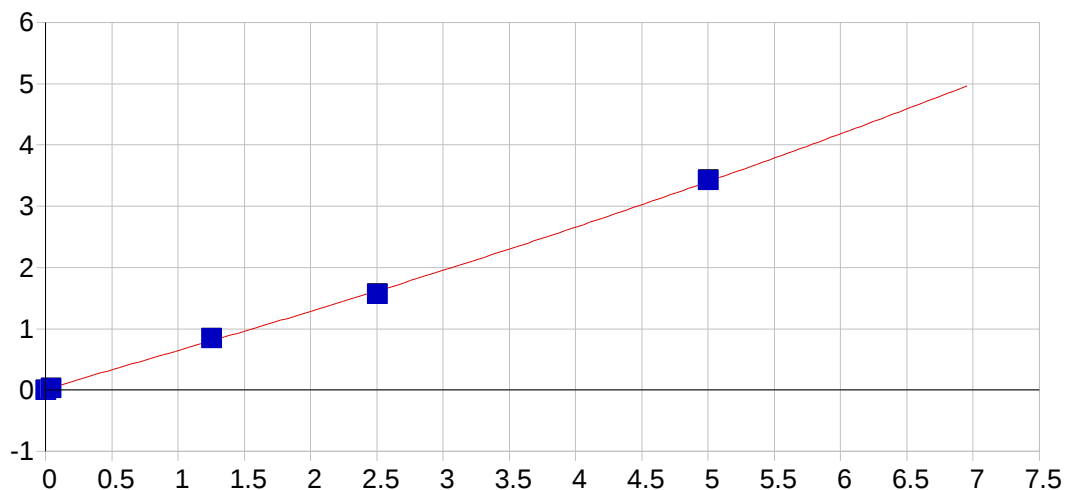


Mg 279.079 {121}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.012325 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998880 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.046339
 Predicted MQL: 0.154462

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2066	.207	10.3	.02718	.000	1
S0	.00000	-.00019	-.000	.000	-.00002	.000	1
S3	12.500	13.056	.556	4.45	.16090	.001	1
S4	25.000	23.181	-1.82	-7.28	.28568	.001	1
S5	50.000	51.056	1.06	2.11	.62923	.001	1



Ni 231.604 {445}

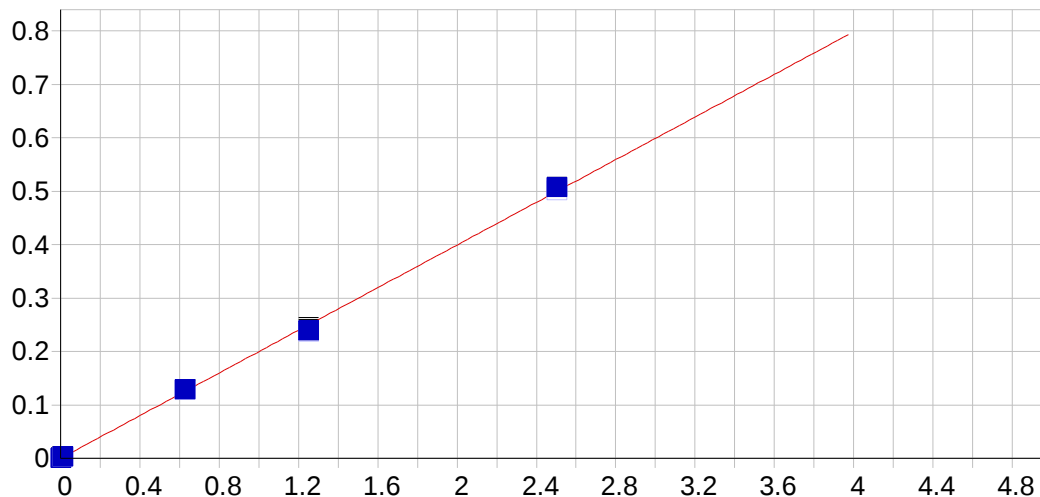
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.006774 Re-Slope: 1.000000
 A1 (Gain): 0.606239 Y-int: 0.000000

A2 (Curvature): 0.045700
 n (Exponent): 0.900000
 Correlation: 0.999717
 Std Error of Est: 0.000667
 Predicted MDL: 0.000546
 Predicted MQL: 0.001822

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00677	.000	1
S1	.04000	.03792	-.002	-5.20	.02525	.001	1
S3	1.2500	1.3055	.055	4.44	.83849	.000	1
S4	2.5000	2.4212	-.079	-3.15	1.5629	.003	1
S5	5.0000	5.0245	.025	.490	3.4239	.003	1

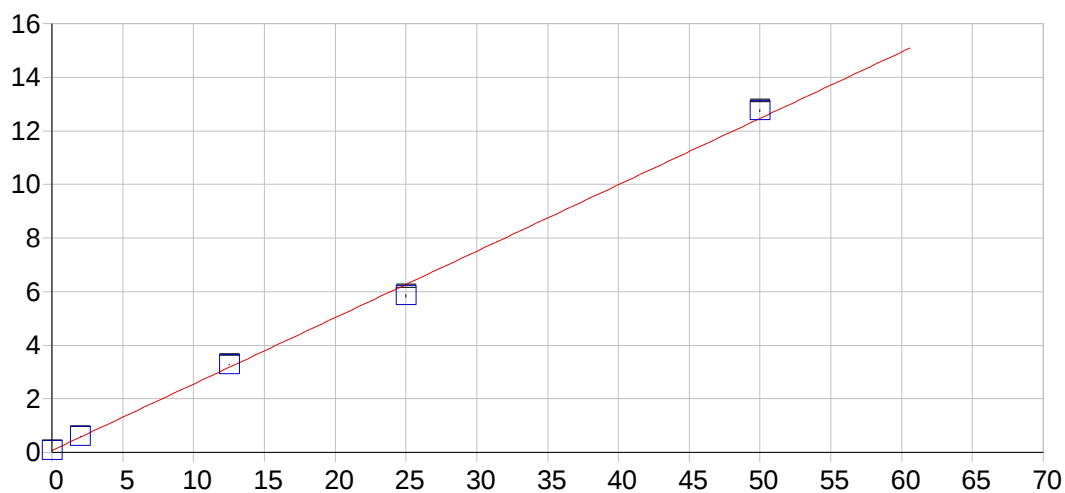


Ag 328.068 {103}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.199660 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999570 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.000783
 Predicted MQL: 0.002610

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.01156	.002	15.6	.00234	.000	1
S3	.62500	.64182	.017	2.69	.12681	.000	1
S4	1.2500	1.1947	-.055	-4.43	.23577	.005	1
S5	2.5000	2.5370	.037	1.48	.50094	.000	1

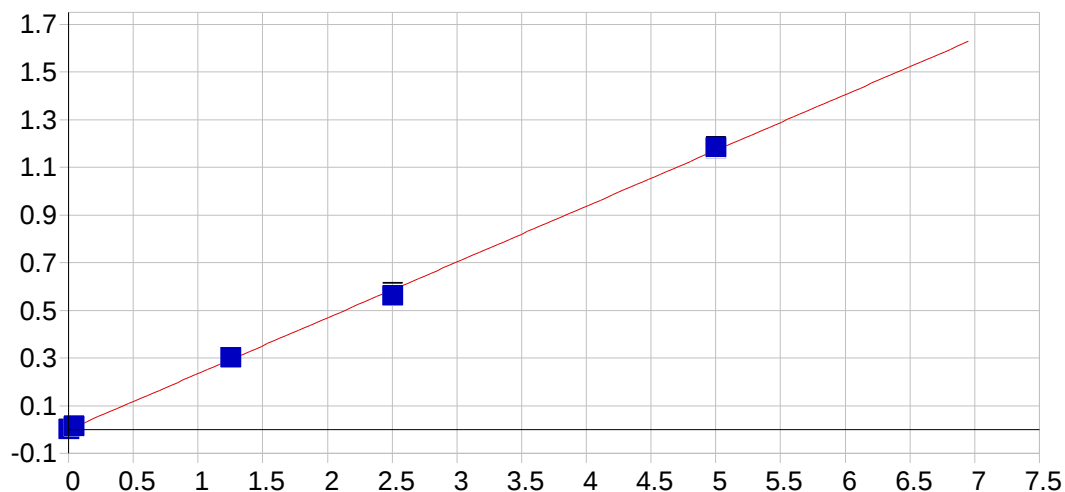


Na 589.592 { 57}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.070768 Re-Slope: 1.000000
 A1 (Gain): 0.247872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999042 Status: OK.
 Std Error of Est: 0.005924
 Predicted MDL: 0.013284
 Predicted MQL: 0.044282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1457	.146	7.28	.60263	.002	1
S0	.00000	-.00012	-.000	.000	.07074	.003	1
S3	12.500	12.937	.437	3.49	3.2774	.020	1
S4	25.000	23.272	-1.73	-6.91	5.8392	.049	1
S5	50.000	51.146	1.15	2.29	12.748	.042	1



V 292.402 {115}

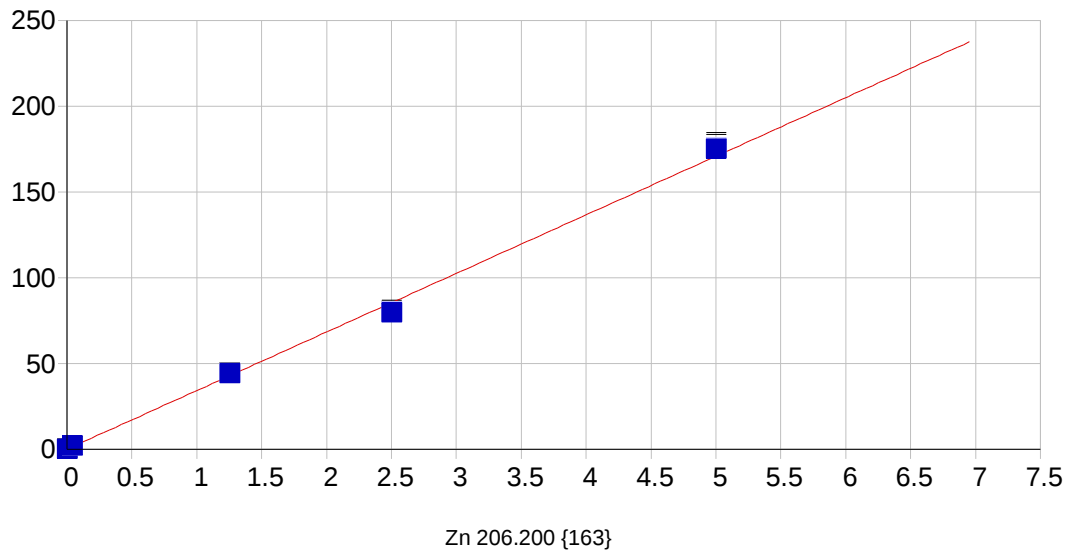
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000041 Re-Slope: 1.000000
 A1 (Gain): 0.234174 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999543
 Std Error of Est: 0.000170
 Predicted MDL: 0.000592
 Predicted MQL: 0.001975

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00004	.000	1
S1	.04000	.04943	.009	23.6	.01139	.000	1
S3	1.2500	1.2858	.036	2.86	.29914	.000	1
S4	2.5000	2.3992	-.101	-4.03	.55797	.012	1
S5	5.0000	5.0557	.056	1.11	1.1762	.002	1



Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

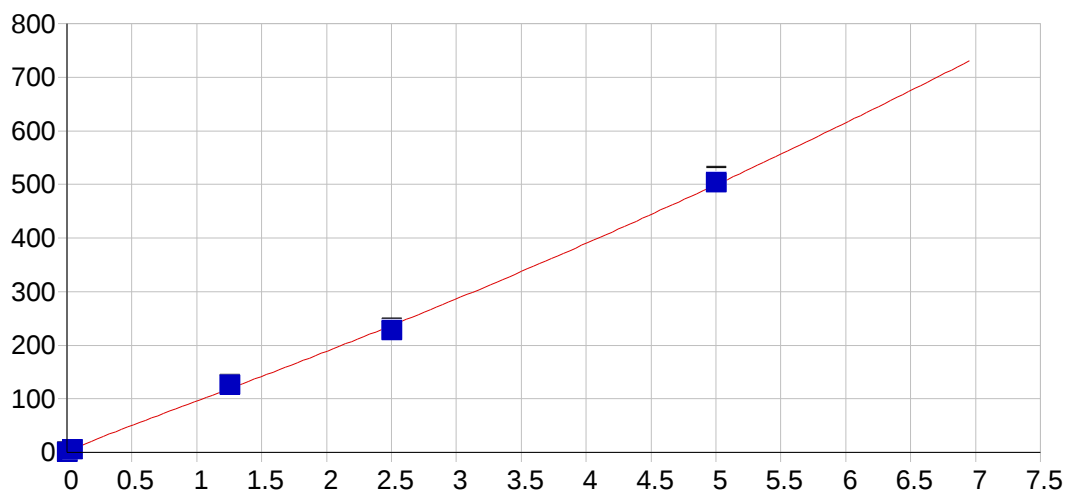
Weighting: 1/Conc

A0 (Offset): 0.070271
 A1 (Gain): 34.158615
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998904
 Std Error of Est: 0.038964
 Predicted MDL: 0.000509
 Predicted MQL: 0.001695

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06986	.001	1
S1	.04000	.05244	.012	31.1	1.8705	.030	1
S3	1.2500	1.2902	.040	3.21	44.399	.170	1
S4	2.5000	2.3297	-.170	-6.81	80.166	.693	1
S5	5.0000	5.1177	.118	2.35	175.92	2.84	1

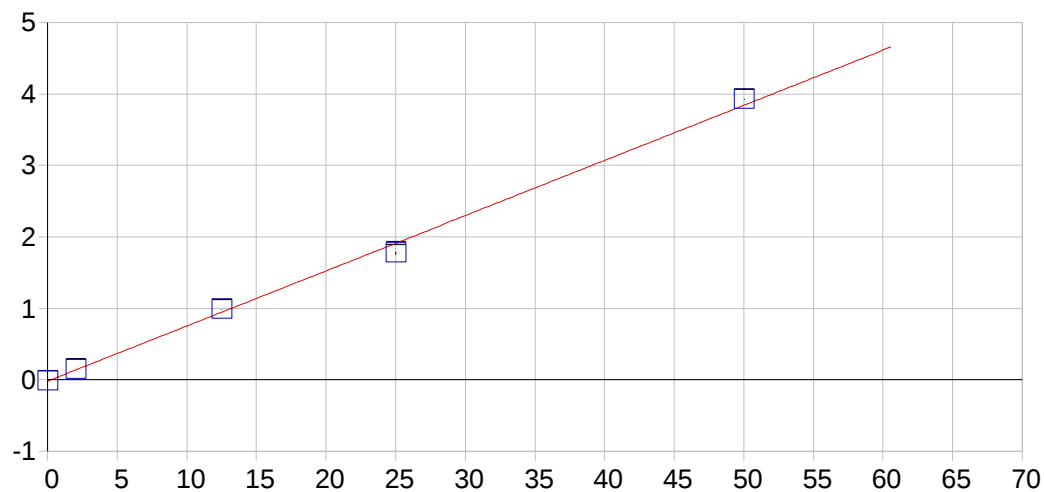


Zn 213.856 {458}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.149914 Re-Slope: 1.000000
 A1 (Gain): 86.686113 Y-int: 0.000000
 A2 (Curvature): 8.976324
 n (Exponent): 0.870000
 Correlation: 0.999580 Status: Warning Positive Curvature
 Std Error of Est: 0.119460
 Predicted MDL: 0.000103
 Predicted MQL: 0.000342

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.15016	.007	1
S1	.04000	.03725	-.003	-6.88	5.1544	.044	1
S3	1.2500	1.3181	.068	5.45	125.55	.621	1
S4	2.5000	2.4036	-.096	-3.85	228.66	2.59	1
S5	5.0000	5.0301	.030	.602	505.44	9.48	1



K 766.490 {44}

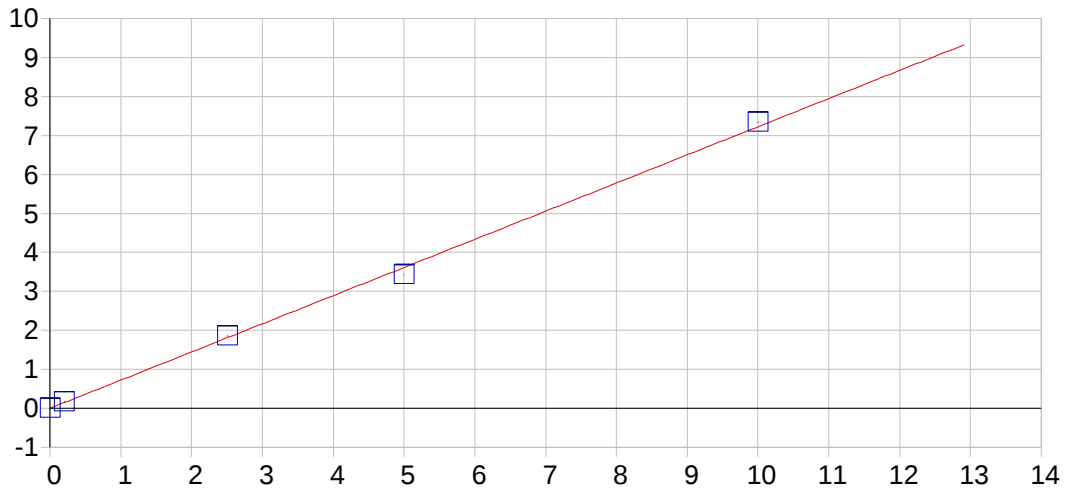
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018938 Re-Slope: 1.000000
 A1 (Gain): 0.077217 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998964
 Std Error of Est: 0.001920
 Predicted MDL: 0.046300
 Predicted MQL: 0.154334

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1610	.161	8.05	.14793	.004	1
S0	.00000	-.00014	-.000	.000	-.01895	.000	1
S3	12.500	13.012	.512	4.10	.98584	.005	1
S4	25.000	23.217	-1.78	-7.13	1.7738	.022	1
S5	50.000	51.109	1.11	2.22	3.9275	.001	1



Mo 202.030 {467}

Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

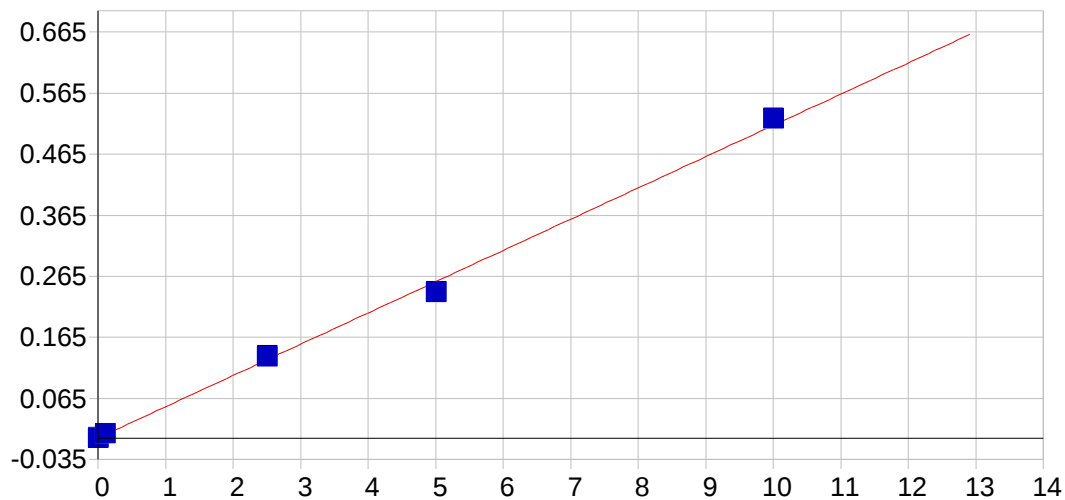
Weighting: 1/Conc

A0 (Offset): 0.000101
 A1 (Gain): 0.722387
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999374
 Std Error of Est: 0.001964
 Predicted MDL: 0.000332
 Predicted MQL: 0.001105

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00008	.000	1
S1	.20000	.22999	.030	15.0	.16624	.004	1
S3	2.5000	2.5741	.074	2.96	1.8596	.000	1
S4	5.0000	4.7434	-.257	-5.13	3.4267	.011	1
S5	10.000	10.153	.153	1.53	7.3342	.002	1

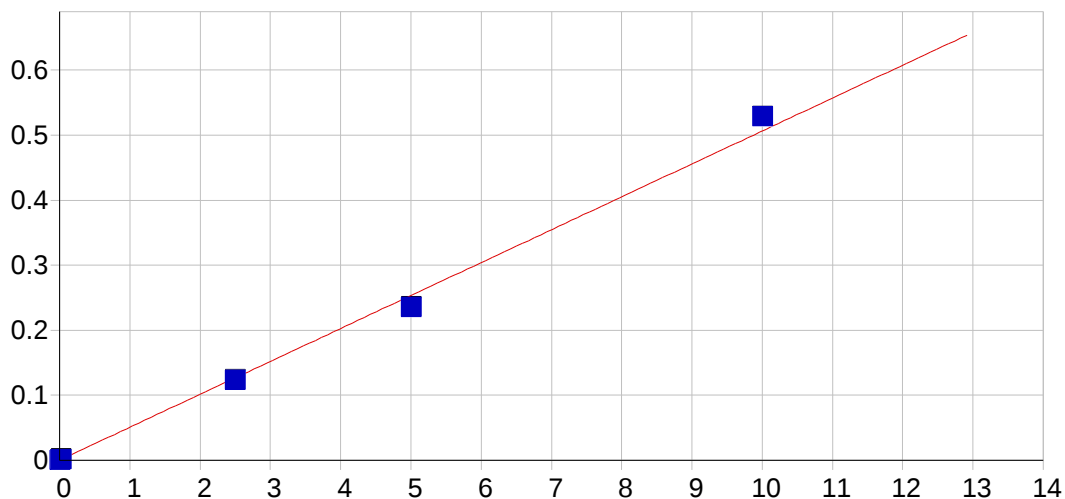


B 249.678 {135}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.051209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998768 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 0.009485
 Predicted MQL: 0.031618

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00001	.000	1
S1	.10000	.13432	.034	34.3	.00685	.000	1
S3	2.5000	2.5987	.099	3.95	.13277	.002	1
S4	5.0000	4.6591	-.341	-6.82	.23798	.001	1
S5	10.000	10.208	.208	2.08	.52153	.001	1



S 182.034 {485}

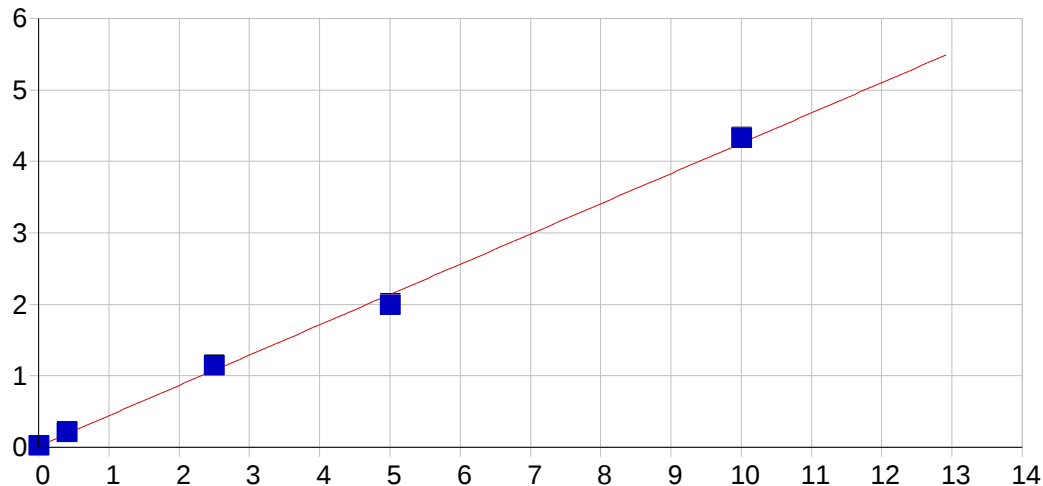
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000316 Re-Slope: 1.000000
 A1 (Gain): 0.050615 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998650
 Std Error of Est: 0.000064
 Predicted MDL: 0.003344
 Predicted MQL: 0.011146

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.02000	.02158	.002	7.90	.00138	.000	1
S3	2.5000	2.4301	-.070	-2.80	.12317	.000	1
S4	5.0000	4.6359	-.364	-7.28	.23468	.001	1
S5	10.000	10.432	.432	4.32	.52779	.000	1



Si 288.158 {117}

Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

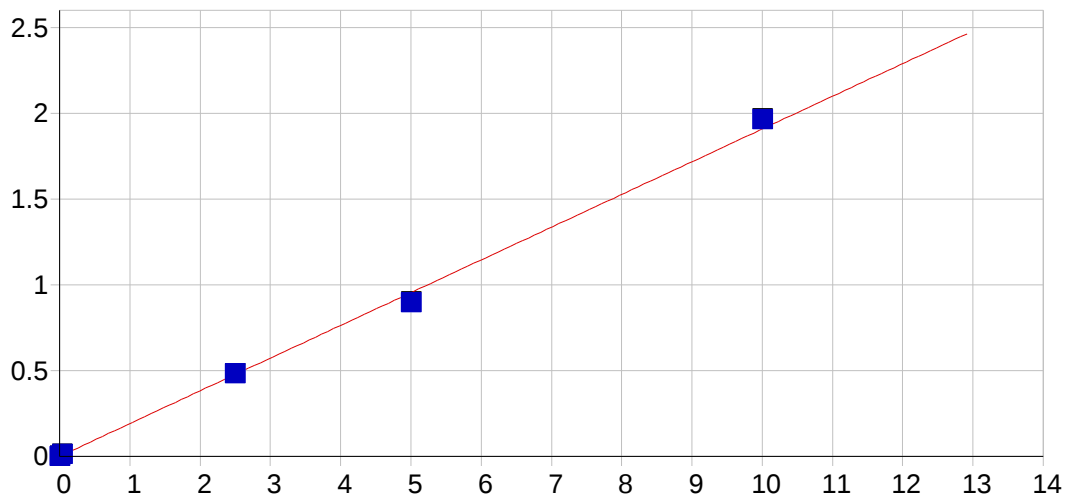
Weighting: 1/Conc

A0 (Offset): 0.019093
 A1 (Gain): 0.423593
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998850
 Std Error of Est: 0.002218
 Predicted MDL: 0.003179
 Predicted MQL: 0.010595

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.01907	.001	1
S1	.40000	.45142	.051	12.9	.21017	.002	1
S3	2.5000	2.6357	.136	5.43	1.1350	.007	1
S4	5.0000	4.6498	-.350	-7.00	1.9876	.018	1
S5	10.000	10.163	.163	1.63	4.3218	.010	1

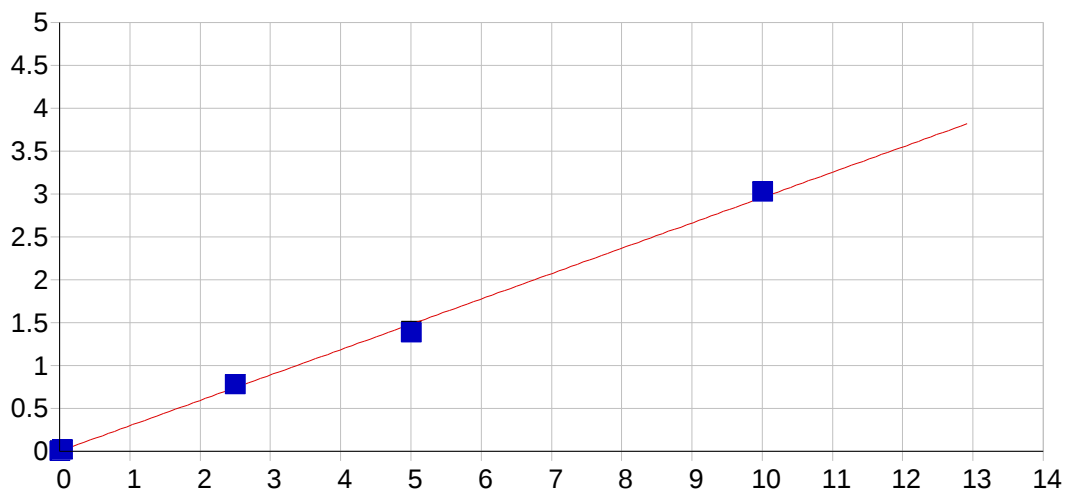


Sn 189.989 {477}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000637 Re-Slope: 1.000000
 A1 (Gain): 0.190744 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999197 Status: OK.
 Std Error of Est: 0.000261
 Predicted MDL: 0.000806
 Predicted MQL: 0.002686

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00064	.000	1
S1	.04000	.04627	.006	15.7	.00946	.000	1
S3	2.5000	2.5138	.014	.554	.48022	.002	1
S4	5.0000	4.6926	-.307	-6.15	.89588	.002	1
S5	10.000	10.287	.287	2.87	1.9632	.003	1



Ti 336.121 {100}

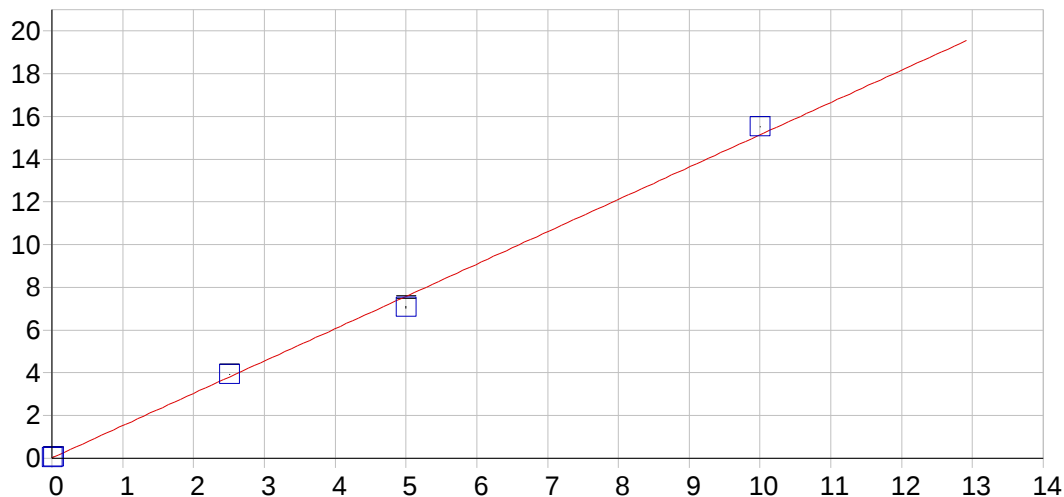
Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003059 Re-Slope: 1.000000
 A1 (Gain): 0.295526 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999035
 Std Error of Est: 0.000444
 Predicted MDL: 0.002676
 Predicted MQL: 0.008920

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00306	.000	1
S1	.04000	.04877	.009	21.9	.01746	.001	1
S3	2.5000	2.6110	.111	4.44	.77460	.001	1
S4	5.0000	4.6652	-.335	-6.70	1.3816	.010	1
S5	10.000	10.215	.215	2.15	3.0215	.003	1



Li 670.784 { 50}

Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

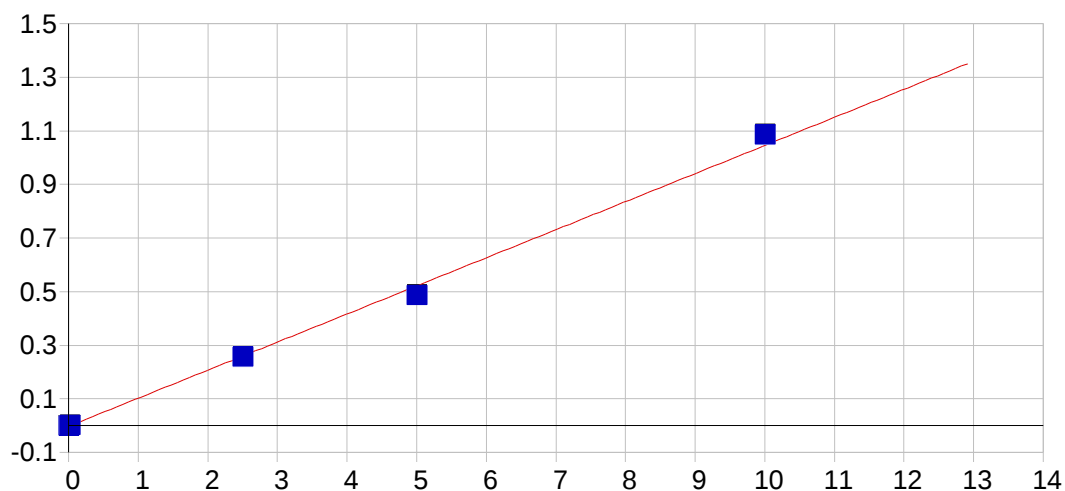
Weighting: 1/Conc

A0 (Offset): 0.016342
 A1 (Gain): 1.512646
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999094
 Std Error of Est: 0.001557
 Predicted MDL: 0.002259
 Predicted MQL: 0.007530

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01634	.001	1
S1	.02000	.02299	.003	14.9	.05111	.001	1
S3	2.5000	2.5836	.084	3.34	3.9244	.007	1
S4	5.0000	4.6653	-.335	-6.69	7.0733	.068	1
S5	10.000	10.248	.248	2.48	15.518	.004	1

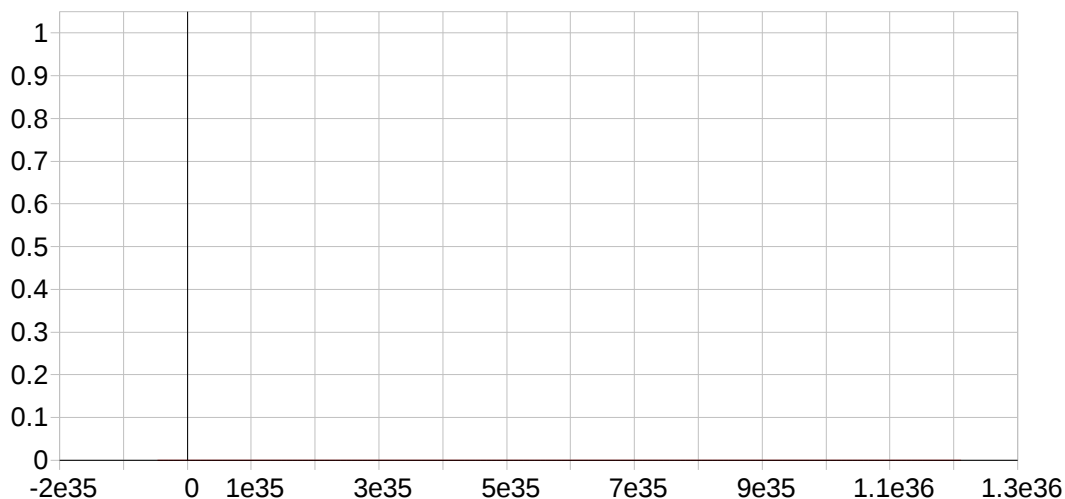


P 177.495 {490}

Date of Fit: 11/2/2018 4:32:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002834 Re-Slope: 1.000000
 A1 (Gain): 0.104804 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998937 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.001612
 Predicted MQL: 0.005372

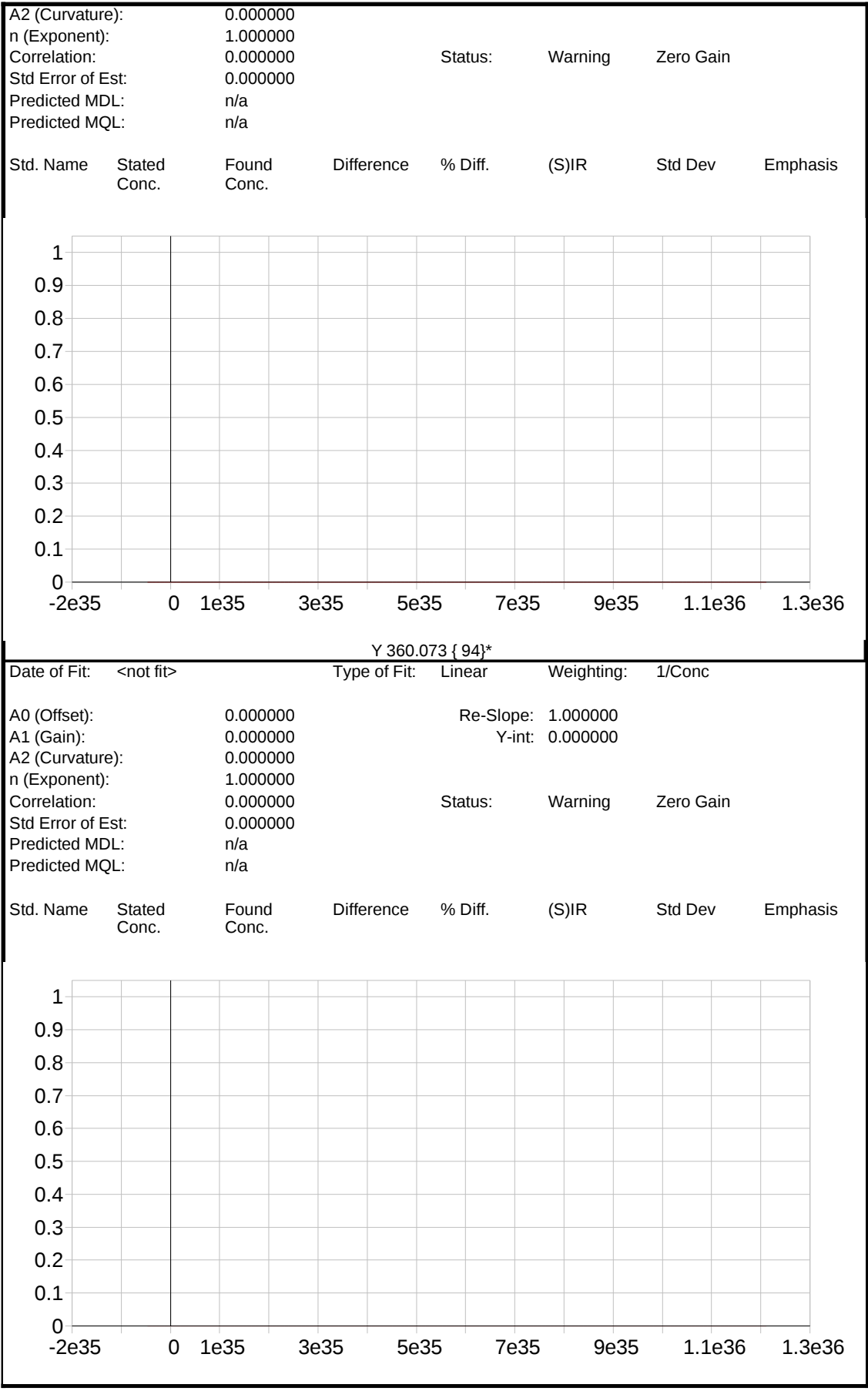
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00283	.000	1
S1	.02000	.02028	.000	1.39	-.00072	.000	1
S3	2.5000	2.4593	-.041	-1.63	.25453	.000	1
S4	5.0000	4.6651	-.335	-6.70	.48533	.001	1
S5	10.000	10.375	.375	3.75	1.0830	.002	1

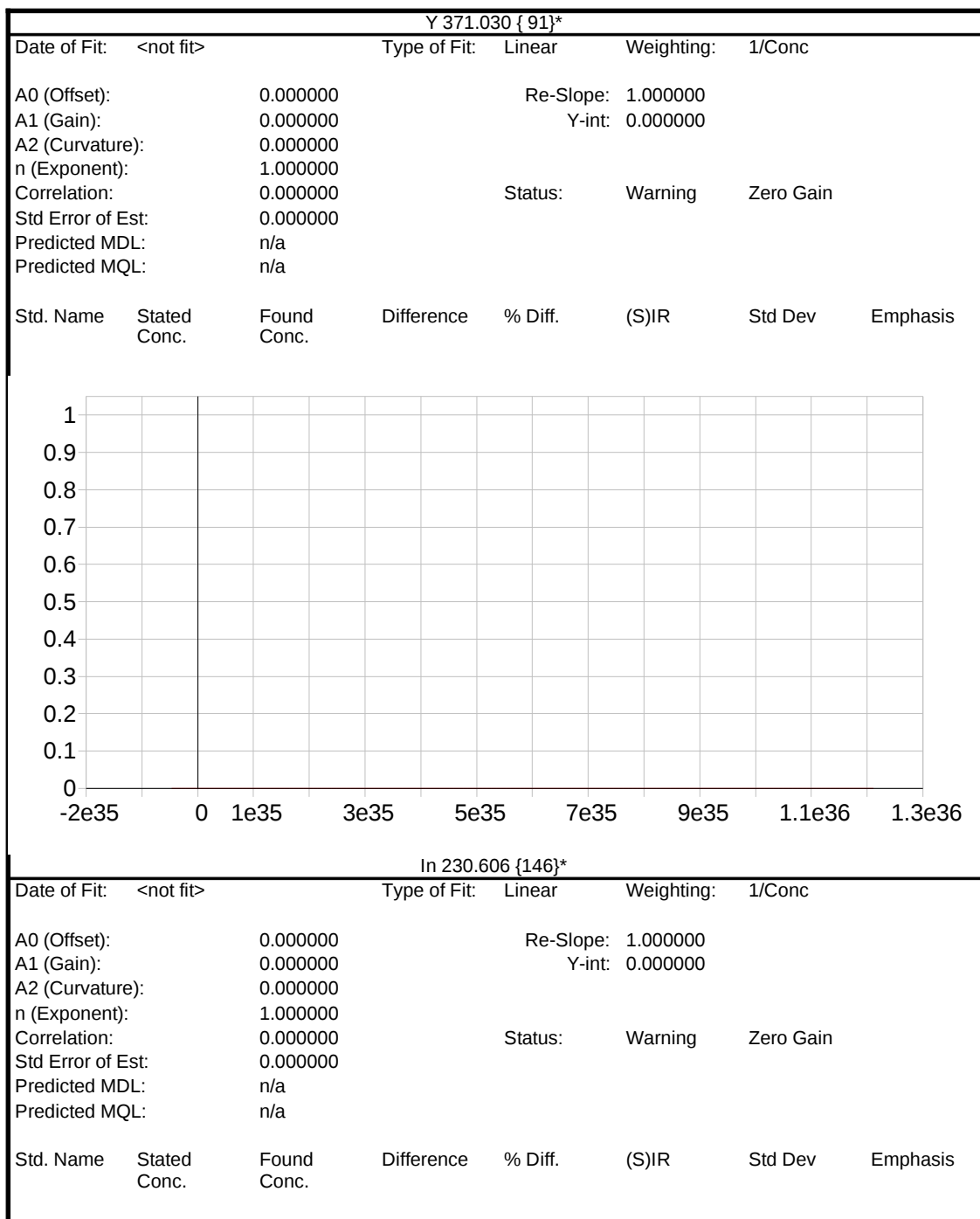


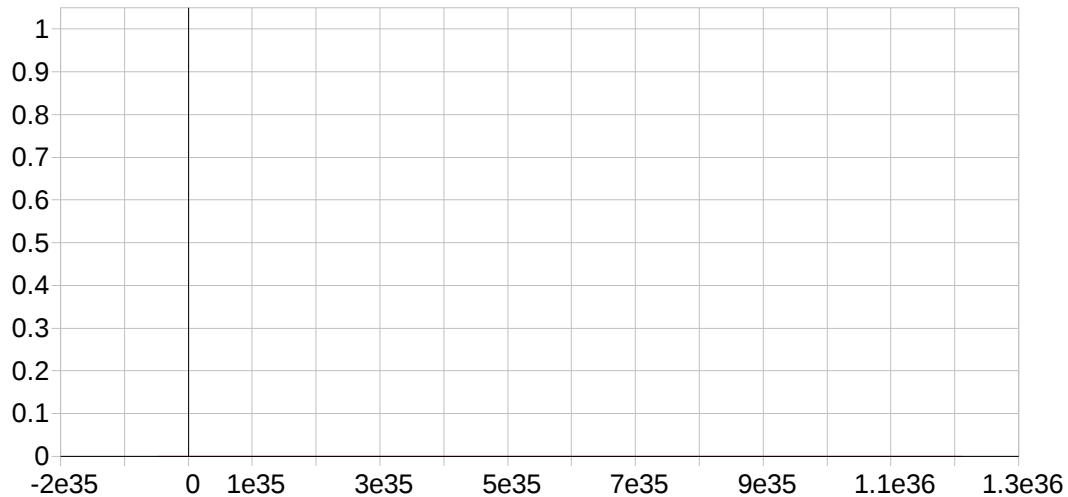
Y 224.306 {450}*

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







In 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

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

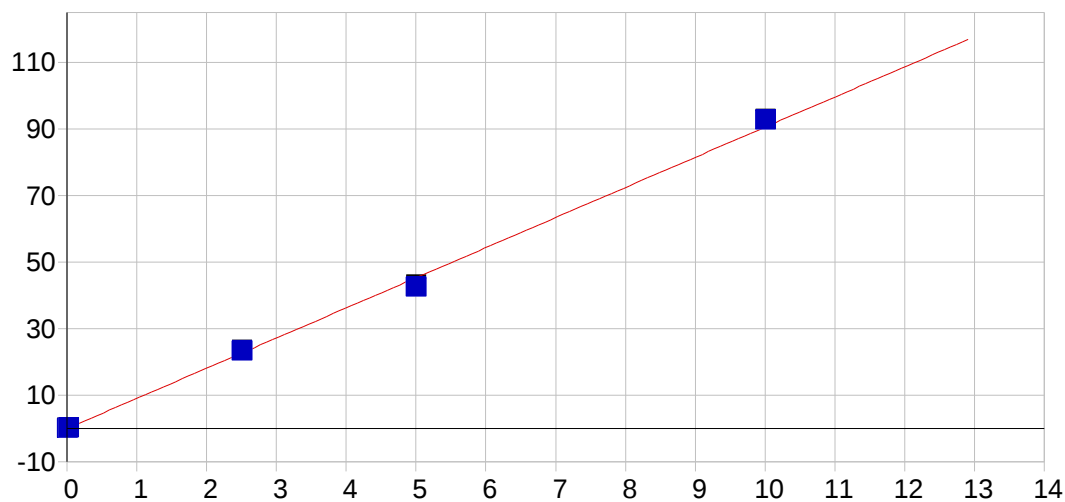
Status: Warning Zero Gain

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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Sr 407.771 { 83}

Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006249

Re-Slope: 1.000000

A1 (Gain): 9.055406

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999210

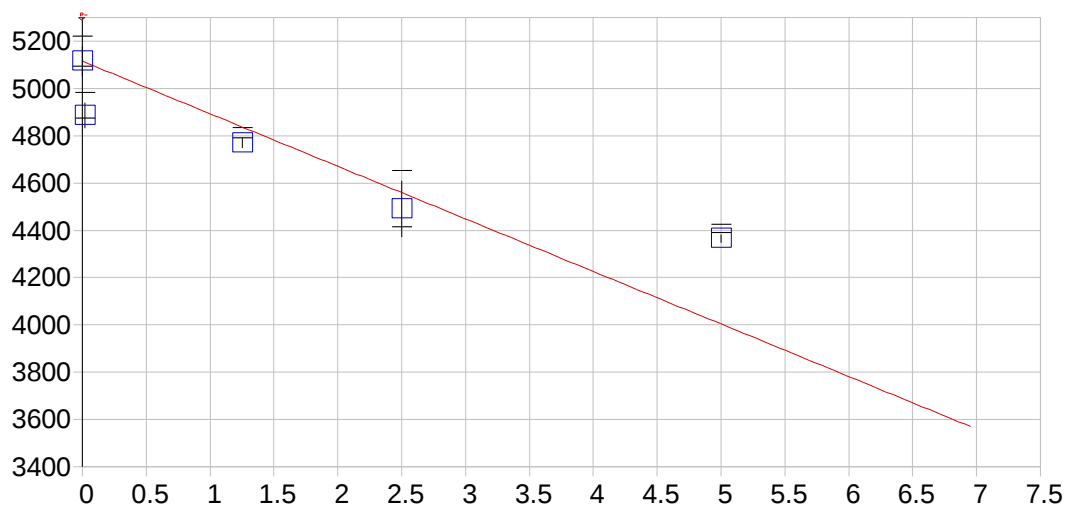
Status: OK.

Std Error of Est: 0.008711

Predicted MDL: 0.000155

Predicted MQL: 0.000517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00628	.000	1
S1	.02000	.02320	.003	16.0	.20479	.001	1
S3	2.5000	2.5800	.080	3.20	23.382	.096	1
S4	5.0000	4.6879	-.312	-6.24	42.494	.493	1
S5	10.000	10.229	.229	2.29	92.720	.122	1



Date of Fit: 11/2/2018 4:32:59

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 5115.037542

Re-Slope: 1.000000

A1 (Gain): -222.228334

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.379672

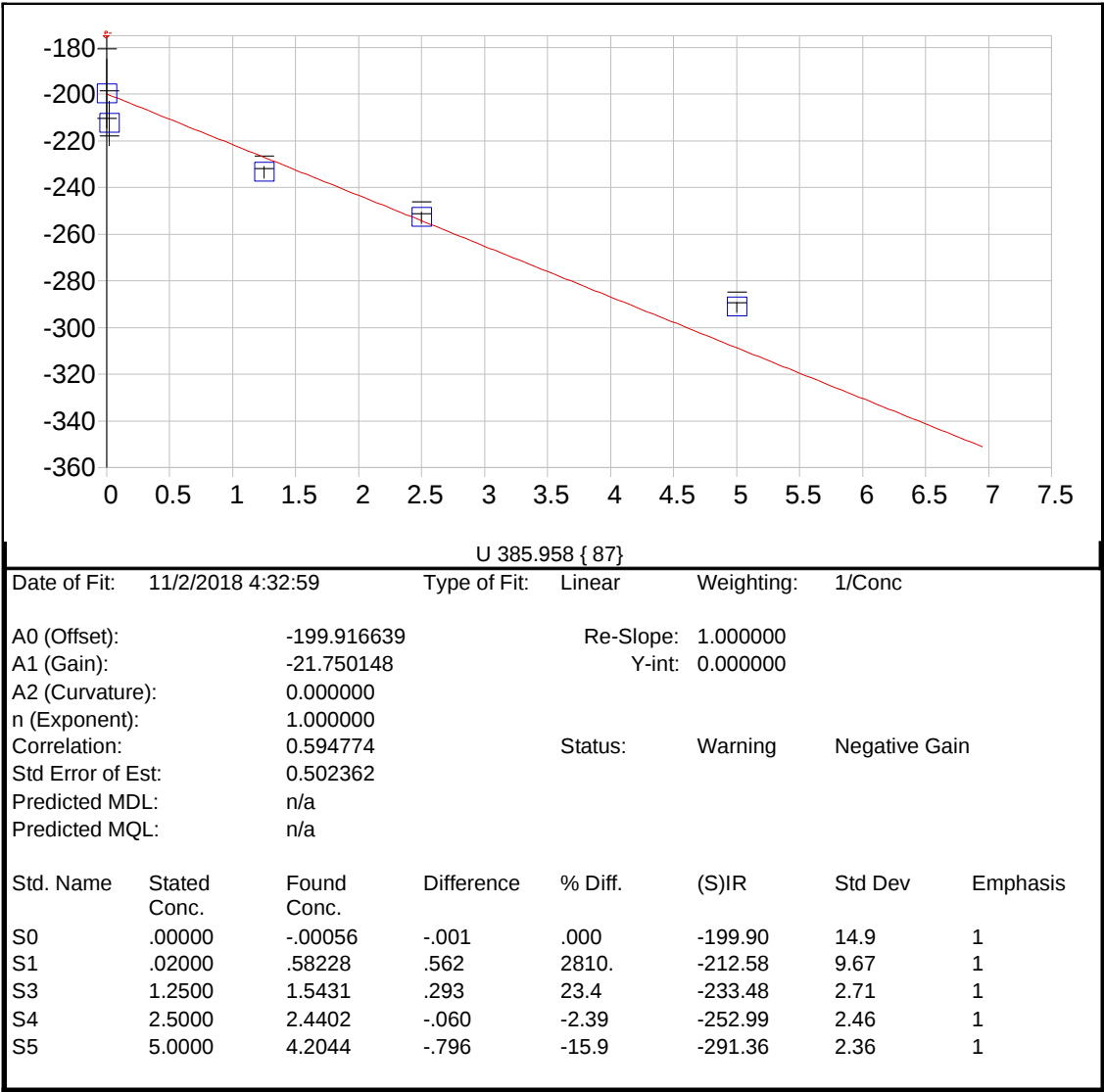
Status: Warning Negative Gain

Std Error of Est: 9.253312

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00101	-.001	.000	5115.3	64.1	1
S1	.02000	1.0336	1.01	5070.	4885.3	54.3	1
S3	1.2500	1.5557	.306	24.5	4769.3	20.5	1
S4	2.5000	2.8082	.308	12.3	4491.0	119.	1
S5	5.0000	3.3724	-1.63	-32.6	4365.6	18.0	1



Sample Name: S0 Acquired: 11/1/2018 10:57:46 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00006	-.00073	.00280	-.00008	.00023	-.00006	.06838	.00015
Stddev	.00010	.00004	.00011	.00013	.00013	.00005	.00126	.00000
%RSD	173.44	4.9812	4.0818	158.44	55.134	86.983	1.8472	1.8715

#1	.00013	-.00075	.00272	-.00017	.00032	-.00010	.06927	.00015
#2	-.00001	-.00070	.00288	.00001	.00014	-.00002	.06748	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00117	.00025	.00001	.00011	-.00001	-.00533	.00008	-.00002
Stddev	.00023	.00004	.00001	.00020	.00007	.01224	.00008	.00006
%RSD	19.599	14.635	223.54	176.81	711.43	229.49	103.60	403.38

#1	-.00133	.00022	.00002	.00026	-.00006	-.01399	.00002	-.00006
#2	-.00100	.00028	-.00000	-.00003	.00004	.00332	.00013	.00003

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00677	.00008	.07074	-.00004	.15016	-.01895	.00008	-.00001
Stddev	.00006	.00005	.00305	.00001	.00682	.00017	.00017	.00026
%RSD	.83058	71.881	4.3048	32.582	4.5436	.89449	209.34	2296.9

#1	-.00681	.00011	.07289	-.00003	.15498	-.01907	.00020	.00017
#2	-.00673	.00004	.06858	-.00005	.14533	-.01883	-.00004	-.00020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00032	.01907	.00064	.00306	.01634	-.0028	-.00628	5115.3
Stddev	.00001	.00068	.00002	.00002	.00092	.0000	.00008	64.1
%RSD	2.8327	3.5767	3.0877	.62002	5.6561	.4787	1.3515	1.2535

#1	.00031	.01955	.00065	.00307	.01699	-.0028	-.00634	5069.9
#2	.00032	.01859	.00062	.00304	.01568	-.0028	-.00622	5160.6

Sample Name: S0 Acquired: 11/1/2018 10:57:46 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-199.90
Stddev	14.89
%RSD	7.4495

#1	-189.37
#2	-210.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.9	45017.	3819.2	102.06	3974.2
Stddev	39.1	507.	4.7	1.13	52.5
%RSD	1.1084	1.1262	.12329	1.1027	1.3213

#1	3502.3	44659.	3822.5	101.27	3937.0
#2	3557.6	45376.	3815.9	102.86	4011.3

Sample Name: S1 Acquired: 11/1/2018 11:01:49 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.00152	.00716	.00729	.00153	.00970	.00075	.57403	.00707
Stddev	.00022	.00000	.00013	.00018	.00001	.00009	.00030	.00002
%RSD	14.228	.00859	1.7470	11.813	.08864	11.406	.05141	.31644

#1	.00167	.00717	.00738	.00166	.00971	.00081	.57424	.00705
#2	.00137	.00716	.00720	.00141	.00969	.00069	.57382	.00708

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02219	.00230	.04334	.01690	.13874	.03727	.02525	.00234
Stddev	.00064	.00008	.00090	.00050	.00361	.00010	.00057	.00011
%RSD	2.8644	3.3574	2.0711	2.9420	2.6016	.25537	2.2650	4.7804

#1	.02264	.00235	.04398	.01725	.14130	.03734	.02566	.00226
#2	.02174	.00224	.04271	.01654	.13619	.03721	.02485	.00242

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01139	5.1544	.16624	.00685	.00138	.21017	.00946	.01746
Stddev	.00002	.0444	.00412	.00012	.00019	.00157	.00008	.00053
%RSD	.20107	.86227	2.4774	1.8078	14.040	.74878	.89006	3.0185

#1	.01140	5.1858	.16916	.00693	.00151	.20906	.00952	.01709
#2	.01137	5.1230	.16333	.00676	.00124	.21128	.00940	.01784

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05111	-.0007	.20479	4885.3	-212.58
Stddev	.00129	.0001	.00129	54.3	9.67
%RSD	2.5262	7.763	.63104	1.1107	4.5484

#1	.05203	-.0008	.20388	4847.0	-219.42
#2	.05020	-.0007	.20570	4923.7	-205.74

Sample Name: S1 Acquired: 11/1/2018 11:01:49 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.2	44312.	3776.6	98.658	3901.4
Stddev	65.7	112.	13.9	.401	64.7
%RSD	1.8908	.25316	.36757	.40614	1.6587
#1	3430.7	44233.	3786.5	98.375	3855.7
#2	3523.7	44392.	3766.8	98.942	3947.2

Sample Name: S2 Acquired: 11/1/2018 11:05:51 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08777	.02718	.60263	.14793
Stddev	.00024	.00049	.00162	.00389
%RSD	.26989	1.7946	.26804	2.6273

#1	.08760	.02684	.60377	.15067
#2	.08794	.02753	.60148	.14518

Int. Std.	Y_3710
Units	Cts/S
Avg	3862.2
Stddev	9.1
%RSD	.23688

#1	3855.8
#2	3868.7

Sample Name: S3 Acquired: 11/1/2018 11:09:47 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.16876	.41853	.76433	.20211	.40693	.03582	21.601	.12749
Stddev	.00013	.00003	.00028	.00013	.00020	.00032	.122	.00019
%RSD	.07486	.00639	.03666	.06634	.04852	.90134	.56313	.14563

#1	.16867	.41851	.76453	.20220	.40679	.03559	21.687	.12736
#2	.16885	.41855	.76413	.20201	.40707	.03605	21.515	.12762

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3968	.52659	.09668	1.5106	.46411	3.4627	1.9333	.16090
Stddev	.0072	.00044	.00006	.0030	.00015	.0276	.0008	.00067
%RSD	.16324	.08349	.05886	.20125	.03186	.79822	.04388	.41373

#1	4.3917	.52690	.09673	1.5084	.46422	3.4431	1.9327	.16042
#2	4.4018	.52628	.09664	1.5127	.46401	3.4822	1.9339	.16137

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.83849	.12681	3.2774	.29914	125.55	.98584	1.8596	.13277
Stddev	.00049	.00036	.0204	.00022	.62	.00477	.0001	.00160
%RSD	.05795	.28039	.62096	.07358	.49434	.48378	.00514	1.2056

#1	.83815	.12706	3.2918	.29898	125.99	.98247	1.8595	.13164
#2	.83884	.12655	3.2630	.29929	125.11	.98921	1.8596	.13390

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12317	1.1350	.48022	.77460	3.9244	.2545	23.382	4769.3
Stddev	.00050	.0074	.00151	.00143	.0074	.0002	.096	20.5
%RSD	.40486	.65457	.31512	.18480	.18776	.0862	.41137	.43014

#1	.12282	1.1403	.47915	.77561	3.9296	.2544	23.450	4754.8
#2	.12353	1.1298	.48129	.77358	3.9192	.2547	23.314	4783.8

Sample Name: S3 Acquired: 11/1/2018 11:09:47 Type: Cal
 Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-233.48
Stddev	2.71
%RSD	1.1597

#1	-235.39
#2	-231.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.1	44498.	3900.6	100.13	3723.3
Stddev	11.7	71.	40.8	.73	7.2
%RSD	.33850	.15955	1.0462	.72585	.19362

#1	3433.9	44448.	3871.8	99.611	3718.2
#2	3450.3	44548.	3929.5	100.64	3728.4

Sample Name: S4 Acquired: 11/1/2018 11:13:34 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.31440	.77771	1.4198	.37540	.75859	.06690	38.999	.23901
Stddev	.00220	.00245	.0009	.00126	.00231	.00124	.424	.00580
%RSD	.69913	.31551	.06277	.33548	.30472	1.8520	1.0863	2.4252

#1	.31596	.77944	1.4204	.37629	.76023	.06778	38.700	.24311
#2	.31285	.77597	1.4191	.37451	.75696	.06603	39.299	.23491

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.2298	.94189	.17962	2.8150	.84990	6.2376	3.5871	.28568
Stddev	.0139	.00856	.00456	.0039	.00096	.0355	.0778	.00131
%RSD	.16918	.90930	2.5370	.13807	.11250	.56948	2.1676	.45716

#1	8.2396	.93583	.18284	2.8177	.84922	6.2124	3.6421	.28476
#2	8.2199	.94794	.17640	2.8122	.85057	6.2627	3.5321	.28661

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5629	.23577	5.8392	.55797	228.66	1.7738	3.4267	.23798
Stddev	.0029	.00548	.0485	.01235	2.59	.0224	.0109	.00124
%RSD	.18492	2.3229	.83075	2.2127	1.1329	1.2605	.31853	.52212

#1	1.5650	.23965	5.8049	.56670	226.83	1.7580	3.4344	.23710
#2	1.5609	.23190	5.8735	.54924	230.49	1.7896	3.4190	.23886

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23468	1.9876	.89588	1.3816	7.0733	.4853	42.494	4491.0
Stddev	.00099	.0176	.00205	.0103	.0684	.0010	.493	119.4
%RSD	.42010	.88540	.22897	.74540	.96767	.2064	1.1602	2.6583

#1	.23538	1.9751	.89733	1.3743	7.0249	.4860	42.146	4406.6
#2	.23398	2.0000	.89443	1.3889	7.1217	.4846	42.843	4575.4

Sample Name: S4 Acquired: 11/1/2018 11:13:34 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-252.99
Stddev	2.46
%RSD	.97401

#1	-251.25
#2	-254.73

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.4	43169.	3930.4	99.941	3593.2
Stddev	18.0	922.	26.4	.919	15.7
%RSD	.53049	2.1347	.67210	.91924	.43720

#1	3374.7	42518.	3949.0	100.59	3582.1
#2	3400.1	43821.	3911.7	99.292	3604.3

Sample Name: S5 Acquired: 11/1/2018 11:17:19 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: 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	.68144	1.6735	3.0948	.80611	1.6394	.14457	85.922	.50525
Stddev	.00110	.0032	.0038	.00090	.0003	.00016	.409	.00024
%RSD	.16112	.19423	.12237	.11126	.01865	.11021	.47548	.04688

#1	.68066	1.6712	3.0922	.80547	1.6392	.14445	86.211	.50508
#2	.68222	1.6758	3.0975	.80674	1.6396	.14468	85.634	.50542

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.030	2.0608	.37407	6.1903	1.8014	13.978	7.4689	.62923
Stddev	.009	.0070	.00054	.0040	.0016	.310	.0041	.00109
%RSD	.04746	.33769	.14311	.06547	.08708	2.2158	.05443	.17244

#1	18.024	2.0657	.37369	6.1931	1.8002	13.759	7.4718	.63000
#2	18.036	2.0558	.37445	6.1874	1.8025	14.197	7.4660	.62847

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4239	.50094	12.748	1.1762	505.44	3.9275	7.3342	.52153
Stddev	.0034	.00043	.042	.0018	9.48	.0006	.0017	.00121
%RSD	.10003	.08557	.33103	.15509	1.8757	.01531	.02255	.23204

#1	3.4215	.50125	12.719	1.1775	498.74	3.9280	7.3330	.52067
#2	3.4263	.50064	12.778	1.1749	512.14	3.9271	7.3353	.52238

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.52779	4.3218	1.9632	3.0215	15.518	1.083	92.720	4365.6
Stddev	.00002	.0101	.0026	.0035	.004	.002	.122	18.0
%RSD	.00309	.23287	.13196	.11454	.02659	.1564	.13114	.41307

#1	.52780	4.3290	1.9614	3.0190	15.521	1.082	92.806	4378.3
#2	.52778	4.3147	1.9650	3.0239	15.515	1.084	92.634	4352.8

Sample Name: S5 Acquired: 11/1/2018 11:17:19 Type: Cal
Method: P4-ICP2(v2539) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-291.36
Stddev	2.36
%RSD	.80842

#1	-289.70
#2	-293.03

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.9	42841.	3820.9	93.807	3376.6
Stddev	5.2	13.	11.2	1.554	7.4
%RSD	.15832	.02979	.29212	1.6566	.21992

#1	3289.2	42832.	3813.0	94.906	3371.3
#2	3296.5	42850.	3828.8	92.708	3381.8

Sample Name: ICV01 Acquired: 11/1/2018 11:21:14 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0122	1.0405	1.0002	1.0154	.98561	2.5519	.50797	.48513
Stddev	.0082	.0032	.0093	.0015	.00585	.0161	.00898	.00500
%RSD	.80859	.30895	.92623	.14511	.59388	.63140	1.7675	1.0315
#1	1.0064	1.0383	.99367	1.0143	.98147	2.5405	.50162	.48866
#2	1.0180	1.0428	1.0068	1.0164	.98975	2.5633	.51431	.48159
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48774	10.093	.50371	.49556	F .52117	4.9491	.51553	6.0359
Stddev	.00243	.168	.00734	.00519	.00380	.0212	.00588	.1006
%RSD	.49731	1.6667	1.4572	1.0465	.72923	.42749	1.1411	1.6669
#1	.48602	9.9739	.50890	.49189	.51848	4.9641	.51969	5.9648
#2	.48945	10.212	.49852	.49923	.52386	4.9341	.51137	6.1071
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49243	.50511	9.8635	.49990	1.0280	10.049	2.4714	2.4002
Stddev	.00396	.00507	.1387	.00567	.0070	.166	.0177	.0191
%RSD	.80485	1.0042	1.4059	1.1352	.67826	1.6489	.71624	.79734
#1	.48963	.50870	9.7654	.50391	1.0329	9.9318	2.4589	2.3867
#2	.49524	.50152	9.9615	.49588	1.0230	10.166	2.4839	2.4137
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .25896	F 2.2497	F 2.3690	2.4063	F .28135	F .2676	F .28498	F 1.6593
Stddev	.00253	.0108	.0280	.0320	.00605	.0012	.00293	.2401
%RSD	.97703	.47956	1.1834	1.3295	2.1516	.4493	1.0280	14.471
#1	.26075	2.2421	2.3492	2.3837	.27707	.2667	.28291	1.8291
#2	.25717	2.2573	2.3888	2.4290	.28563	.2684	.28705	1.4895

Sample Name: ICV01 Acquired: 11/1/2018 11:21:14 Type: Unk
 Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9817
Stddev	.4701
%RSD	23.722

#1	2.3142
#2	1.6493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.5	44782.	4000.7	102.22	3820.6
Stddev	6.9	386.	15.6	1.34	5.3
%RSD	.20055	.86256	.39112	1.3147	.13868

#1	3448.6	44509.	4011.8	101.27	3816.8
#2	3458.4	45055.	3989.7	103.17	3824.3

Sample Name: LLICV01 Acquired: 11/1/2018 11:25:04 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02284	.04771	.01283	.01994	.04632	.10630	.11363	.00658
Stddev	.00171	.00027	.00122	.00169	.00074	.00061	.00274	.00007
%RSD	7.4891	.56835	9.4723	8.4802	1.5941	.56960	2.4095	.99531
#1	.02163	.04790	.01369	.01875	.04684	.10673	.11170	.00654
#2	.02405	.04751	.01197	.02114	.04580	.10587	.11557	.00663
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00630	2.1931	.01139	.03476	.01716	.10401	.02373	2.2485
Stddev	.00003	.0398	.00010	.00010	.00076	.00746	.00008	.0437
%RSD	.43663	1.8142	.85520	.28913	4.4486	7.1702	.34269	1.9447
#1	.00629	2.1650	.01133	.03483	.01770	.10928	.02368	2.2176
#2	.00632	2.2212	.01146	.03469	.01662	.09874	.02379	2.2794
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03624	.01074	2.1460	.04647	.03533	2.2991	.22481	F .12832
Stddev	.00001	.00007	.0522	.00024	.00136	.0584	.00057	.00348
%RSD	.01957	.65841	2.4345	.51629	3.8389	2.5397	.25265	2.7105
#1	.03623	.01079	2.1091	.04630	.03437	2.2578	.22521	.12586
#2	.03624	.01069	2.1829	.04664	.03629	2.3403	.22440	.13078
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01440	.43014	.04480	F .04884	F .02541	.0194	.02247	F 1.7533
Stddev	.00074	.00626	.00076	.00521	.00095	.0009	.00055	.0759
%RSD	5.1605	1.4548	1.6954	10.674	3.7576	4.461	2.4574	4.3268
#1	.01493	.42572	.04534	.04515	.02474	.0187	.02207	1.6996
#2	.01388	.43457	.04426	.05252	.02609	.0200	.02286	1.8069

Sample Name: LLICV01 Acquired: 11/1/2018 11:25:04 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .33843
Stddev	.46539
%RSD	137.52

#1	.00935
#2	.66751

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.8	45064.	3905.1	101.78	3943.5
Stddev	14.8	102.	37.5	2.84	16.1
%RSD	.42675	.22670	.95904	2.7907	.40911

#1	3451.3	44992.	3931.5	103.78	3932.1
#2	3472.2	45136.	3878.6	99.767	3954.9

Sample Name: ICB01 Acquired: 11/1/2018 11:29:06 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00167	.00107	-.00123	-.00027	.00067	-.00253	.00070	-.00006
Stddev	.00135	.00109	.00052	.00008	.00072	.01921	.00059	.00001
%RSD	81.134	101.58	42.230	28.554	108.51	760.12	84.209	13.400
#1	-.00262	.00030	-.00086	-.00022	.00016	.01106	.00111	-.00007
#2	-.00071	.00184	-.00160	-.00033	.00118	-.01611	.00028	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00350	.00010	-.00009	-.00048	-.00156	.00000	-.00828
Stddev	.00011	.01087	.00015	.00024	.00011	.00454	.00002	.04646
%RSD	142.37	310.15	155.43	282.88	22.804	290.07	1289.8	561.14
#1	.00015	-.00418	-.00001	-.00026	-.00040	.00164	-.00001	-.04113
#2	-.00000	.01119	.00020	.00009	-.00056	-.00477	.00002	.02457
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00019	-.12613	-.00013	-.00012	.09028	.00032	.00492
Stddev	.00004	.00081	.01657	.00024	.00001	.00689	.00018	.00185
%RSD	16.475	418.23	13.140	176.71	4.3596	7.6304	56.747	37.551
#1	.00028	.00038	-.13785	.00003	-.00012	.09515	.00019	.00362
#2	.00022	-.00077	-.11441	-.00030	-.00012	.08541	.00045	.00623
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	-.00247	-.00028	-.00007	.00067	-.0001	.00002	F 1.6665
Stddev	.00230	.00303	.00008	.00222	.00044	.0005	.00020	.1564
%RSD	64.536	122.80	29.186	3086.0	65.596	349.7	872.43	9.3870
#1	-.00519	-.00033	-.00022	.00149	.00036	.0002	-.00012	1.7771
#2	-.00194	-.00462	-.00033	-.00164	.00099	-.0005	.00017	1.5558

Sample Name: ICB01 Acquired: 11/1/2018 11:29:06 Type: Unk
 Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .22578
Stddev	.45854
%RSD	203.09

#1	-.09845
#2	.55002

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.8	45472.	3929.5	104.54	4015.2
Stddev	11.9	212.	55.5	3.68	9.9
%RSD	.34153	.46561	1.4125	3.5172	.24697

#1	3483.4	45322.	3968.7	107.14	4008.2
#2	3500.3	45622.	3890.2	101.94	4022.2

Sample Name: CRI01 Acquired: 11/1/2018 11:33:10 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02204	.04733	.01292	.02210	.04677	.11797	.11520	.00659
Stddev	.00125	.00033	.00099	.00017	.00081	.00290	.00046	.00007
%RSD	5.6902	.69362	7.6878	.76513	1.7394	2.4596	.39748	1.0576
#1	.02293	.04757	.01362	.02222	.04734	.12002	.11487	.00654
#2	.02116	.04710	.01222	.02198	.04619	.11592	.11552	.00664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	2.2767	.01142	.03488	.01798	.11979	.02522	2.3321
Stddev	.00005	.0172	.00020	.00003	.00024	.01013	.00034	.0376
%RSD	.77826	.75631	1.7686	.08221	1.3378	8.4547	1.3348	1.6130
#1	.00629	2.2646	.01156	.03486	.01781	.11262	.02498	2.3587
#2	.00622	2.2889	.01128	.03490	.01815	.12695	.02546	2.3055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03736	.01143	2.1892	.04694	.03952	2.2650	.22781	.12297
Stddev	.00045	.00023	.0075	.00067	.00034	.0523	.00015	.00546
%RSD	1.2099	2.0114	.34450	1.4264	.85133	2.3091	.06772	4.4414
#1	.03768	.01159	2.1945	.04647	.03976	2.3020	.22792	.11911
#2	.03704	.01126	2.1838	.04741	.03929	2.2280	.22771	.12684
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02114	.44310	.04523	.04747	.02394	.0235	.02324	F 1.2739
Stddev	.00160	.00103	.00028	.00122	.00187	.0007	.00014	.0346
%RSD	7.5530	.23155	.62652	2.5731	7.8150	3.191	.60974	2.7153
#1	.02001	.44383	.04543	.04833	.02527	.0229	.02334	1.2983
#2	.02227	.44237	.04503	.04661	.02262	.0240	.02314	1.2494

Sample Name: CRI01 Acquired: 11/1/2018 11:33:10 Type: Unk
 Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .04851
Stddev	.11307
%RSD	233.08

#1	.12847
#2	-.03144

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.3	45608.	3967.1	102.23	3998.5
Stddev	7.5	17.	39.4	.98	15.4
%RSD	.21430	.03766	.99330	.95687	.38403

#1	3478.0	45596.	3939.2	101.53	3987.7
#2	3488.6	45620.	3994.9	102.92	4009.4

Sample Name: ICSA01 Acquired: 11/1/2018 11:37:13 Type: Unk
 Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00642	-.00867	-.00687	.01385	.00371	300.54	.00640	-.00112
Stddev	.00197	.00143	.00165	.00189	.00184	.34	.00122	.00011
%RSD	30.615	16.540	23.955	13.627	49.575	.11249	19.036	10.061
#1	-.00781	-.00766	-.00571	.01252	.00500	300.77	.00726	-.00120
#2	-.00503	-.00968	-.00804	.01519	.00241	300.30	.00554	-.00104
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	273.91	.05970	-.00079	.00207	107.66	.01707	287.98
Stddev	.00027	1.64	.00126	.00034	.00053	1.68	.00007	1.94
%RSD	26.637	.59714	2.1038	43.450	25.342	1.5611	.40006	.67456
#1	-.00122	275.06	.06059	-.00103	.00170	108.85	.01703	289.36
#2	-.00083	272.75	.05881	-.00055	.00245	106.47	.01712	286.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00814	-.00435	-.02090	.00053	.00014	.07166	-.00024	.06812
Stddev	.00010	.00079	.00706	.00037	.00007	.01875	.00019	.01433
%RSD	1.2464	18.187	33.770	69.684	51.156	26.163	78.904	21.035
#1	-.00806	-.00379	-.02589	.00027	.00019	.08491	-.00037	.07825
#2	-.00821	-.00491	-.01591	.00079	.00009	.05840	-.00011	.05799
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01174	-.00783	.00738	-.00201	.00566	.0019	.00068	F 4.0040
Stddev	.00029	.00496	.00120	.00144	.00153	.0014	.00162	.2761
%RSD	2.5023	63.403	16.200	71.465	27.004	73.39	237.21	6.8943
#1	.01194	-.01134	.00654	-.00099	.00458	.0009	-.00046	4.1992
#2	.01153	-.00432	.00823	-.00302	.00674	.0029	.00183	3.8088

Sample Name: ICSA01 Acquired: 11/1/2018 11:37:13 Type: Unk
 Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0756
Stddev	.6454
%RSD	31.095

#1	2.5320
#2	1.6193

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.6	40156.	3763.0	93.294	3167.6
Stddev	4.9	258.	37.3	1.563	1.8
%RSD	.15719	.64314	.99067	1.6756	.05545

#1	3108.1	39973.	3736.7	92.189	3166.4
#2	3101.2	40338.	3789.4	94.400	3168.9

Sample Name: ICSAB01 Acquired: 11/1/2018 11:41:20 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10947	.10173	.04927	.06707	.64789	287.61	.58020	.58151
Stddev	.00214	.00006	.00108	.00174	.00766	2.07	.00056	.00102
%RSD	1.9547	.05528	2.1979	2.5992	1.1817	.72067	.09621	.17455
#1	.11098	.10177	.04850	.06831	.65330	289.07	.58060	.58223
#2	.10796	.10169	.05003	.06584	.64247	286.14	.57981	.58079
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0813	262.85	.59508	.54622	.54350	103.18	.57170	275.68
Stddev	.0006	.37	.00224	.00082	.00524	2.29	.00133	.79
%RSD	.05967	.14127	.37717	.14979	.96327	2.2167	.23202	.28628
#1	1.0818	262.59	.59667	.54680	.54720	104.80	.57264	275.12
#2	1.0809	263.11	.59349	.54565	.53980	101.56	.57077	276.24
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0984	.22810	-.00445	.54226	1.1224	.04049	F .26876	F .33080
Stddev	.0020	.00116	.01015	.00077	.0262	.03274	.00158	.00452
%RSD	.18224	.51037	227.94	.14209	2.3364	80.870	.58838	1.3663
#1	1.0998	.22728	-.01163	.54171	1.1409	.01734	.26988	.32761
#2	1.0969	.22892	.00272	.54280	1.1038	.06364	.26765	.33400
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .26811	.23625	F .27039	F .26474	F .36687	F .2931	F .27013	F 3.9475
Stddev	.00125	.00309	.00092	.00322	.00003	.0034	.00082	.1687
%RSD	.46529	1.3089	.33884	1.2173	.00911	1.147	.30343	4.2730
#1	.26723	.23406	.27104	.26702	.36689	.2907	.26955	4.0668
#2	.26899	.23844	.26974	.26247	.36685	.2955	.27071	3.8282

Sample Name: ICSAB01 Acquired: 11/1/2018 11:41:20 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3314
Stddev .1022
%RSD 4.3829

#1 2.4037
#2 2.2591

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3122.0	40584.	3790.5	94.062	3209.3
Stddev	32.8	229.	7.9	2.120	6.1
%RSD	1.0519	.56538	.20797	2.2542	.18894

#1	3098.8	40422.	3796.0	92.563	3205.0
#2	3145.2	40746.	3784.9	95.562	3213.6

Sample Name: CCV01 Acquired: 11/1/2018 11:45:18 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8499	4.7541	4.7512	4.8194	4.9869	9.7098	9.7257	.24066
Stddev	.0202	.0063	.0014	.0163	.0049	.0875	.0072	.00109
%RSD	.41624	.13209	.02971	.33748	.09898	.90100	.07352	.45176
#1	4.8641	4.7496	4.7522	4.8309	4.9904	9.7717	9.7308	.24143
#2	4.8356	4.7585	4.7502	4.8079	4.9834	9.6480	9.7207	.23989
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.3564	24.378	1.0367	F 2.3686	1.2328	F 4.7308	2.4116	24.307
Stddev	.0032	.038	.0091	.0039	.0024	.0546	.0136	.144
%RSD	.13562	.15603	.88108	.16533	.19630	1.1544	.56350	.59426
#1	2.3587	24.404	1.0431	2.3714	1.2346	4.7694	2.4212	24.409
#2	2.3542	24.351	1.0302	2.3659	1.2311	4.6921	2.4020	24.205
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4253	1.1912	24.047	2.4968	2.4505	24.188	4.8724	4.8260
Stddev	.0049	.0047	.039	.0126	.0241	.022	.0096	.0038
%RSD	.20322	.39353	.16305	.50609	.98172	.09248	.19694	.07814
#1	2.4288	1.1945	24.019	2.5057	2.4675	24.204	4.8791	4.8233
#2	2.4218	1.1879	24.074	2.4879	2.4335	24.172	4.8656	4.8286
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.6362	4.7875	F 4.7213	4.8673	4.8679	F 4.710	4.9099	F 3.2992
Stddev	.0144	.0192	.0174	.0175	.0038	.010	.0015	.0748
%RSD	.31154	.40006	.36855	.35902	.07835	.2187	.03111	2.2683
#1	4.6464	4.7740	4.7336	4.8797	4.8706	4.717	4.9110	3.3521
#2	4.6260	4.8011	4.7090	4.8550	4.8652	4.702	4.9088	3.2463

Sample Name: CCV01 Acquired: 11/1/2018 11:45:18 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1094
Stddev .6115
%RSD 28.990

#1 2.5417
#2 1.6770

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.5	43270.	3851.2	98.249	3544.8
Stddev	14.3	205.	5.7	1.107	11.5
%RSD	.43300	.47344	.14824	1.1273	.32526

#1	3289.4	43125.	3847.1	97.466	3536.6
#2	3309.6	43415.	3855.2	99.032	3552.9

Sample Name: LLCCV01 Acquired: 11/1/2018 11:49:03 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02236	.04712	.01293	.02045	.04675	.11289	.11665	.00666
Stddev	.00113	.00086	.00036	.00082	.00074	.00918	.00077	.00011
%RSD	5.0713	1.8223	2.7540	4.0081	1.5887	8.1284	.65988	1.5774
#1	.02316	.04773	.01319	.02103	.04728	.10641	.11611	.00659
#2	.02156	.04651	.01268	.01987	.04623	.11938	.11720	.00673
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	2.3306	.01155	.03452	.01765	.11013	.02398	2.3364
Stddev	.00009	.0088	.00079	.00027	.00004	.00182	.00020	.0135
%RSD	1.3746	.37851	6.8163	.79413	.22070	1.6546	.84457	.57882
#1	.00620	2.3369	.01100	.03432	.01768	.10884	.02384	2.3460
#2	.00632	2.3244	.01211	.03471	.01762	.11142	.02412	2.3268
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03643	.01083	2.1687	.04676	.03701	2.2389	.22690	F .12514
Stddev	.00031	.00098	.0134	.00047	.00077	.0088	.00195	.00292
%RSD	.85881	9.0692	.61716	1.0017	2.0843	.39465	.85733	2.3366
#1	.03665	.01014	2.1781	.04710	.03755	2.2452	.22827	.12721
#2	.03620	.01153	2.1592	.04643	.03646	2.2327	.22552	.12307
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01803	.43467	.04418	F .04839	.02288	.0199	.02337	F 2.2321
Stddev	.00068	.00187	.00050	.00074	.00049	.0000	.00009	.3033
%RSD	3.7840	.43001	1.1254	1.5383	2.1396	.2008	.36916	13.587
#1	.01755	.43335	.04453	.04787	.02254	.0200	.02343	2.4465
#2	.01851	.43599	.04383	.04892	.02323	.0199	.02331	2.0176

Sample Name: LLCCV01 Acquired: 11/1/2018 11:49:03 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .26978
Stddev .04399
%RSD 16.307

#1 .23867
#2 .30089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3421.8	44813.	3865.3	100.80	3929.9
Stddev	21.2	138.	26.7	1.51	19.3
%RSD	.61947	.30798	.69176	1.4965	.48990

#1	3406.8	44715.	3846.3	99.733	3916.3
#2	3436.8	44910.	3884.2	101.87	3943.5

Sample Name: CCB01 Acquired: 11/1/2018 11:52:57 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00051	-.00061	-.00090	.00079	-.00479	.00209	.00000
Stddev	.00205	.00027	.00007	.00133	.00209	.00467	.00041	.00009
%RSD	1092.6	52.364	11.975	147.92	264.35	97.417	19.683	27901.
#1	-.00164	.00070	-.00067	.00004	.00227	-.00149	.00180	-.00006
#2	.00126	.00032	-.00056	-.00185	-.00069	-.00809	.00238	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00660	.00011	-.00007	-.00033	.00804	-.00004	-.00151
Stddev	.00005	.00472	.00009	.00014	.00051	.00242	.00003	.06254
%RSD	108.52	71.570	77.163	182.51	155.16	30.119	88.210	4151.5
#1	.00008	.00994	.00017	.00002	.00003	.00975	-.00001	-.04573
#2	.00001	.00326	.00005	-.00017	-.00069	.00632	-.00006	.04272
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00024	-.13186	-.00019	.00001	.01445	.00018	.02013
Stddev	.00005	.00001	.00351	.00059	.00003	.03847	.00011	.00749
%RSD	114.04	2.6758	2.6619	310.82	336.70	266.14	59.028	37.190
#1	.00008	.00024	-.13435	.00023	.00003	-.01275	.00011	.01484
#2	.00001	.00025	-.12938	-.00061	-.00001	.04166	.00026	.02543
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00306	-.00114	-.00063	.00084	.00062	-.0011	-.00013	F 2.4155
Stddev	.00173	.00090	.00045	.00131	.00020	.0011	.00001	1.0190
%RSD	56.560	79.267	71.432	156.40	31.456	95.98	11.153	42.188
#1	-.00184	-.00177	-.00094	-.00009	.00048	-.0004	-.00014	1.6949
#2	-.00428	-.00050	-.00031	.00177	.00076	-.0019	-.00012	3.1361

Sample Name: CCB01 Acquired: 11/1/2018 11:52:57 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .57037
Stddev .08639
%RSD 15.146

#1 .50928
#2 .63146

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.6	44972.	3816.9	101.55	4046.0
Stddev	8.6	1653.	36.1	.24	18.8
%RSD	.24455	3.6747	.94590	.23210	.46499

#1	3508.7	46141.	3791.4	101.38	4059.4
#2	3496.6	43804.	3842.5	101.72	4032.7

Sample Name: LR CHECK1 Acquired: 11/1/2018 11:57:03 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04935	-.07065	-.11021	.10788	.06135	1998.2	.00778	-.00201
Stddev	.00172	.00522	.00237	.01385	.00172	.4	.00047	.00031
%RSD	3.4909	7.3906	2.1464	12.843	2.8050	.01765	6.0913	15.563

#1	-.05057	-.06696	-.10854	.11767	.06257	1998.5	.00812	-.00223
#2	-.04813	-.07434	-.11188	.09808	.06013	1998.0	.00745	-.00179

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01307	1836.3	.13217	.04350	.00617	944.70	.03696	1873.3
Stddev	.00217	4.3	.00152	.00035	.00124	1.90	.00032	6.7
%RSD	16.606	.23638	1.1483	.81490	20.155	.20112	.85776	.35741

#1	.01153	1839.4	.13324	.04375	.00529	946.05	.03718	1878.0
#2	.01460	1833.2	.13109	.04325	.00705	943.36	.03673	1868.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12177	-.03618	1715.8	.00250	.07162	1076.2	.01563	.55190
Stddev	.00188	.00013	5.2	.00050	.00062	4.1	.00078	.01120
%RSD	1.5423	.37246	.30116	20.144	.86211	.37659	4.9620	2.0289

#1	.12044	-.03608	1719.5	.00286	.07118	1079.1	.01508	.55982
#2	.12309	-.03627	1712.2	.00214	.07205	1073.3	.01618	.54398

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42499	.02384	.05596	-.05403	.04780	.0515	-1.0202	3.2686
Stddev	.00438	.00108	.00227	.00204	.00051	.0040	.0021	.0715
%RSD	1.0299	4.5490	4.0582	3.7803	1.0588	7.795	.20489	2.1865

#1	.42809	.02461	.05436	-.05547	.04816	.0487	-1.0217	3.3191
#2	.42190	.02308	.05757	-.05258	.04744	.0543	-1.0187	3.2180

Sample Name: LR CHECK1 Acquired: 11/1/2018 11:57:03 Type: Unk
 Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ ----
 #2 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.4	32210.	3376.1	72.775	2106.5
Stddev	17.6	58.	1.9	.191	19.1
%RSD	.71303	.17982	.05639	.26235	.90877
#1	2486.9	32169.	3374.8	72.910	2120.1
#2	2461.9	32251.	3377.5	72.640	2093.0

Sample Name: LR CHECK2 Acquired: 11/1/2018 12:13:33 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.01435	270.76	.01800	-.03464	-.30545	100.58	-.00071
Stddev	.00132	.00173	.49	.00126	.00033	.00456	.90	.00005
%RSD	144.89	12.077	.18101	6.9979	.96681	1.4939	.89539	6.7195

#1	.00184	-.01558	271.11	.01889	-.03440	-.30222	101.22	-.00075
#2	-.00002	-.01313	270.41	.01711	-.03487	-.30867	99.947	-.00068

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00812	.23761	-.13966	-.00993	269.17	-.89673	43.763	-.08916
Stddev	.00009	.00719	.00050	.00034	.18	.00263	.217	.02277
%RSD	1.1408	3.0263	.35801	3.4370	.06760	.29302	.49587	25.544

#1	-.00805	.23252	-.14001	-.01017	269.30	-.89859	43.917	-.07305
#2	-.00818	.24269	-.13931	-.00969	269.04	-.89487	43.610	-.10526

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.273	.00865	.28759	-.00457	37.561	.40609	-.00444	.00017
Stddev	.089	.00040	.01754	.00055	.680	.01909	.00061	.00381
%RSD	.17724	4.6288	6.0988	12.070	1.8104	4.7017	13.689	2208.2

#1	50.336	.00893	.29999	-.00496	38.042	.41959	-.00487	.00287
#2	50.210	.00837	.27518	-.00418	37.080	.39259	-.00401	-.00252

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07213	-.00060	.00101	.02617	-.00055	-.1701	.00354	3.7238
Stddev	.00246	.00009	.00011	.00283	.00074	.0014	.00012	.1242
%RSD	3.4086	15.621	10.761	10.802	133.99	.8286	3.3348	3.3339

#1	.07039	-.00053	.00093	.02817	-.00003	-.1691	.00362	3.6360
#2	.07387	-.00066	.00108	.02417	-.00107	-.1711	.00346	3.8116

Sample Name: LR CHECK2 Acquired: 11/1/2018 12:13:33 Type: Unk
 Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2351
Stddev	.1707
%RSD	13.817

#1	1.3557
#2	1.1144

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3227.5	44767.	3890.4	95.571	3672.4
Stddev	11.2	111.	26.8	1.785	8.9
%RSD	.34674	.24804	.68761	1.8682	.24192

#1	3219.6	44689.	3871.5	94.308	3666.1
#2	3235.4	44846.	3909.4	96.833	3678.7

Sample Name: J5686-01DUP Acquired: 11/1/2018 12:22:14 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00228	-.00149	.00428	.00384	-.00123	.04393	.02120	.00006
Stddev	.00292	.00050	.00171	.00060	.00022	.01275	.00055	.00001
%RSD	128.07	33.350	39.921	15.626	17.826	29.020	2.5732	22.367
#1	.00435	-.00114	.00549	.00342	-.00139	.05294	.02158	.00005
#2	.00022	-.00184	.00307	.00427	-.00108	.03491	.02081	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	112.54	-.00128	-.00038	.00132	-.03412	.00654	293.04
Stddev	.00012	.27	.00096	.00012	.00090	.01225	.00003	1.13
%RSD	68.327	.23573	75.270	30.201	68.069	35.900	.47101	.38469
#1	-.00026	112.36	-.00196	-.00046	.00196	-.04278	.00656	293.84
#2	-.00009	112.73	-.00060	-.00030	.00068	-.02546	.00652	292.25
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00339	-.00026	1487.6	.00130	.00040	98.767	.00246	1.0287
Stddev	.00034	.00025	55.4	.00010	.00013	.527	.00017	.0114
%RSD	10.155	98.823	3.7213	7.3539	33.264	.53386	6.8278	1.1082
#1	-.00364	-.00008	1526.7	.00123	.00031	99.140	.00258	1.0367
#2	-.00315	-.00044	1448.5	.00137	.00050	98.394	.00234	1.0206
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 233.67	1.4661	-.08631	-.00373	.04528	.0951	1.8875	7.3995
Stddev	.44	.0031	.00026	.00001	.00294	.0021	.0011	.1324
%RSD	.18799	.21158	.30207	.23923	6.4964	2.260	.05836	1.7889
#1	233.36	1.4639	-.08649	-.00373	.04736	.0966	1.8867	7.3059
#2	233.98	1.4683	-.08613	-.00374	.04320	.0936	1.8883	7.4931

Sample Name: J5686-01DUP Acquired: 11/1/2018 12:22:14 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.8973
Stddev .3555
%RSD 7.2588

#1 4.6459
#2 5.1487

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.8	37296.	3697.9	96.334	2922.1
Stddev	4.5	90.	3.2	.942	2.1
%RSD	.15311	.24110	.08600	.97810	.07068

#1	2937.0	37360.	3695.7	97.000	2923.6
#2	2930.6	37232.	3700.2	95.668	2920.7

Sample Name: J5686-01 Acquired: 11/1/2018 12:27:57 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	-.00015	.00305	.00140	-.00274	.05560	.02056	.00005
Stddev	.00015	.00100	.00027	.00231	.00224	.00816	.00115	.00001
%RSD	20.327	653.65	8.8635	165.00	81.627	14.673	5.6151	17.720

#1	.00087	-.00086	.00286	.00304	-.00116	.06137	.02138	.00005
#2	.00065	.00055	.00324	-.00023	-.00432	.04983	.01975	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	110.23	-.00112	-.00056	.00157	-.03464	.00661	288.93
Stddev	.00001	.73	.00059	.00009	.00025	.00558	.00002	.33
%RSD	4.9261	.66571	52.541	16.514	16.163	16.097	.29133	.11439

#1	-.00030	109.71	-.00071	-.00049	.00139	-.03858	.00659	288.69
#2	-.00028	110.75	-.00154	-.00062	.00175	-.03070	.00662	289.16

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00315	.00008	1469.6	.00039	.00040	97.175	.00243	1.0083
Stddev	.00053	.00054	5.0	.00010	.00011	.257	.00011	.0082
%RSD	16.946	649.90	.33762	24.718	26.804	.26464	4.6782	.81712

#1	-.00352	-.00030	1466.1	.00032	.00032	96.993	.00235	1.0025
#2	-.00277	.00046	1473.2	.00046	.00047	97.357	.00251	1.0141

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 231.56	1.4272	-.08530	-.00281	.04449	.0943	1.8518	7.2419
Stddev	.67	.0036	.00028	.00056	.00128	.0011	.0094	.1815
%RSD	.28750	.25381	.32703	19.962	2.8690	1.193	.50968	2.5056

#1	232.03	1.4246	-.08550	-.00242	.04540	.0951	1.8451	7.1136
#2	231.09	1.4297	-.08510	-.00321	.04359	.0935	1.8585	7.3702

Sample Name: J5686-01 Acquired: 11/1/2018 12:27:57 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4669
Stddev	.2716
%RSD	6.0804

#1	4.2749
#2	4.6590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2946.3	37681.	3794.8	96.854	2935.7
Stddev	9.1	77.	15.4	1.160	2.8
%RSD	.30987	.20340	.40715	1.1981	.09519

#1	2939.9	37735.	3805.7	97.675	2933.7
#2	2952.8	37627.	3783.9	96.034	2937.6

Sample Name: J5686-01LX5 Acquired: 11/1/2018 12:32:05 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	-.00171	.00199	.00087	.00025	.00511	.00545	.00005
Stddev	.00270	.00135	.00091	.00201	.00060	.01526	.00110	.00003
%RSD	103.45	78.959	45.556	230.19	240.55	298.46	20.182	60.541

#1	.00451	-.00075	.00135	.00229	.00067	.01590	.00622	.00003
#2	.00070	-.00266	.00263	-.00055	-.00017	-.00568	.00467	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	23.774	-.00002	-.00009	.00043	.00136	.00138	59.688
Stddev	.00002	.046	.00040	.00016	.00043	.00232	.00002	.035
%RSD	94.547	.19539	1636.7	167.55	98.585	170.53	1.3136	.05821

#1	-.00004	23.807	.00026	.00002	.00073	-.00028	.00137	59.713
#2	-.00001	23.741	-.00031	-.00021	.00013	.00300	.00140	59.664

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00018	411.57	.00046	-.00000	19.413	.00048	.21418
Stddev	.00021	.00049	.96	.00105	.00008	.120	.00041	.00415
%RSD	18.269	269.44	.23355	229.37	1650.3	.61619	86.177	1.9357

#1	-.00128	.00016	412.25	.00120	.00005	19.497	.00076	.21125
#2	-.00098	-.00053	410.89	-.00028	-.00006	19.328	.00019	.21711

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.880	.29679	-.01585	.00006	.01621	.0153	.39159	4.8624
Stddev	.041	.00322	.00023	.00186	.00113	.0004	.00004	.0361
%RSD	.09656	1.0862	1.4335	3274.6	6.9759	2.558	.00913	.74201

#1	42.910	.29907	-.01601	-.00126	.01541	.0150	.39157	4.8369
#2	42.851	.29451	-.01569	.00137	.01701	.0155	.39162	4.8879

Sample Name: J5686-01LX5 Acquired: 11/1/2018 12:32:05 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.5459
Stddev	.6331
%RSD	24.866

#1	2.0982
#2	2.9935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.9	41772.	3823.3	100.05	3433.9
Stddev	13.9	40.	18.6	.34	12.9
%RSD	.42864	.09665	.48543	.33743	.37437

#1	3231.1	41744.	3810.1	99.814	3424.8
#2	3250.7	41801.	3836.4	100.29	3443.0

Sample Name: J5686-01A Acquired: 11/1/2018 12:36:11 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0608	2.2348	1.2067	2.5802	1.0133	2.7759	.27093	.27707
Stddev	.0006	.0054	.0015	.0022	.0044	.0375	.00019	.00168
%RSD	.05427	.24233	.12059	.08717	.43575	1.3522	.06927	.60633

#1	1.0612	2.2386	1.2057	2.5787	1.0164	2.7493	.27079	.27826
#2	1.0603	2.2310	1.2078	2.5818	1.0102	2.8024	.27106	.27588

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24387	113.04	.46271	.24530	.34629	3.4455	.24840	293.50
Stddev	.00081	.53	.00071	.00012	.00204	.0967	.00079	1.65
%RSD	.33140	.46453	.15383	.04794	.58934	2.8076	.31880	.56093

#1	.24444	113.41	.46321	.24538	.34773	3.3771	.24896	294.67
#2	.24330	112.67	.46221	.24522	.34485	3.5139	.24784	292.34

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59784	.09444	1577.5	.36095	.24009	110.03	.48013	1.3763
Stddev	.00121	.00101	21.9	.00131	.00506	.06	.00112	.0015
%RSD	.20278	1.0688	1.3886	.36280	2.1089	.05421	.23276	.10795

#1	.59870	.09515	1593.0	.36188	.23651	109.99	.48092	1.3774
#2	.59698	.09372	1562.1	.36003	.24367	110.08	.47934	1.3753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 226.42	2.6172	.77592	.24483	.32018	8.720	2.1242	7.3861
Stddev	.60	.0329	.00268	.00154	.00235	.008	.0060	.0239
%RSD	.26631	1.2562	.34489	.63080	.73503	.0961	.28151	.32367

#1	226.84	2.6405	.77781	.24592	.31852	8.714	2.1285	7.4030
#2	225.99	2.5940	.77403	.24374	.32185	8.726	2.1200	7.3692

Sample Name: J5686-01A Acquired: 11/1/2018 12:36:11 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4693
Stddev	.9438
%RSD	21.117

#1	3.8019
#2	5.1366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2986.6	37857.	3673.5	94.925	2949.6
Stddev	11.4	16.	19.3	1.923	7.5
%RSD	.38238	.04141	.52650	2.0256	.25453

#1	2978.5	37846.	3659.8	96.284	2944.3
#2	2994.7	37869.	3687.2	93.565	2954.9

Sample Name: J5686-01MSD Acquired: 11/1/2018 12:40:04 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72315	1.5156	.82033	1.7660	.69338	1.8828	.18724	.18625
Stddev	.00484	.0010	.00090	.0080	.00386	.0156	.00059	.00014
%RSD	.66873	.06383	.10955	.45461	.55682	.82812	.31409	.07265

#1	.71973	1.5149	.82096	1.7603	.69065	1.8938	.18766	.18635
#2	.72657	1.5162	.81969	1.7717	.69611	1.8718	.18683	.18616

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16549	114.38	.31240	.16672	.23694	2.3121	.16949	295.80
Stddev	.00031	.22	.00129	.00042	.00168	.0392	.00019	.35
%RSD	.18533	.18864	.41305	.24907	.70866	1.6953	.11442	.11775

#1	.16571	114.22	.31331	.16702	.23575	2.2844	.16963	295.55
#2	.16527	114.53	.31149	.16643	.23813	2.3398	.16935	296.05

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40495	.06345	1476.5	.24332	.16173	108.26	.32856	1.2765
Stddev	.00220	.00107	19.3	.00046	.00049	.17	.00220	.0144
%RSD	.54323	1.6894	1.3092	.18914	.30186	.15979	.67015	1.1257

#1	.40339	.06421	1462.9	.24364	.16207	108.14	.32700	1.2663
#2	.40650	.06269	1490.2	.24299	.16138	108.38	.33012	1.2867

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 231.67	2.2483	.49810	.16037	.22943	5.985	2.0807	7.5552
Stddev	.33	.0194	.00142	.00223	.00052	.001	.0008	.1719
%RSD	.14116	.86531	.28522	1.3932	.22604	.0241	.03910	2.2750

#1	231.44	2.2346	.49910	.15879	.22906	5.984	2.0813	7.6767
#2	231.90	2.2621	.49710	.16195	.22980	5.986	2.0801	7.4336

Sample Name: J5686-01MSD Acquired: 11/1/2018 12:40:04 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.8320
Stddev .1390
%RSD 3.6272

#1 3.9303
#2 3.7337

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.2	37393.	3646.4	93.655	2883.6
Stddev	6.3	107.	1.9	.297	6.1
%RSD	.21560	.28541	.05286	.31670	.21183

#1	2917.7	37318.	3645.0	93.445	2887.9
#2	2908.8	37469.	3647.8	93.864	2879.2

Sample Name: J5686-01MS Acquired: 11/1/2018 12:43:57 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70565	1.4769	.80082	1.7101	.67288	1.7957	.18385	.17570
Stddev	.00808	.0148	.00601	.0182	.01069	.1435	.00268	.01244
%RSD	1.1454	1.0018	.75059	1.0640	1.5884	7.9907	1.4557	7.0784
#1	.69993	1.4664	.79657	1.6972	.66532	1.6942	.18574	.16691
#2	.71136	1.4874	.80507	1.7230	.68044	1.8971	.18196	.18449
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16100	109.98	.29214	.16213	.23055	2.2779	.16016	285.41
Stddev	.00093	1.54	.01807	.00101	.00051	.0210	.01093	5.67
%RSD	.57916	1.4028	6.1842	.62340	.22319	.92086	6.8248	1.9861
#1	.16034	111.07	.27937	.16141	.23018	2.2927	.15243	289.42
#2	.16165	108.89	.30492	.16284	.23091	2.2630	.16789	281.40
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39412	.06073	1372.1	.22982	.15824	104.73	.31955	1.2260
Stddev	.00150	.00284	14.6	.01641	.00180	1.63	.00246	.0198
%RSD	.38125	4.6803	1.0626	7.1415	1.1385	1.5515	.76911	1.6107
#1	.39306	.05872	1382.4	.21821	.15952	105.88	.31782	1.2400
#2	.39518	.06274	1361.8	.24142	.15697	103.59	.32129	1.2120
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 223.94	2.1597	.48559	.16248	.22627	5.829	1.9959	6.3448
Stddev	.22	.0011	.00201	.00073	.00385	.036	.0305	1.3164
%RSD	.09681	.05234	.41416	.45065	1.7014	.6220	1.5285	20.748
#1	223.79	2.1589	.48417	.16299	.22899	5.804	2.0175	5.4140
#2	224.10	2.1605	.48701	.16196	.22355	5.855	1.9744	7.2757

Sample Name: J5686-01MS Acquired: 11/1/2018 12:43:57 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.4916
Stddev .1795
%RSD 5.1395

#1 3.6185
#2 3.3647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2997.9	39639.	3739.2	95.736	2965.0
Stddev	8.2	2324.	54.1	1.682	4.3
%RSD	.27300	5.8633	1.4462	1.7572	.14450

#1	3003.7	41283.	3700.9	94.546	2968.0
#2	2992.1	37996.	3777.4	96.926	2962.0

Sample Name: J5686-05 Acquired: 11/1/2018 12:47:50 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	-.00147	.00273	.00127	-.00041	.04331	.02083	.00006
Stddev	.00126	.00085	.00027	.00131	.00025	.01527	.00028	.00002
%RSD	93.211	57.531	10.044	103.16	61.993	35.264	1.3267	34.404
#1	.00225	-.00087	.00253	.00034	-.00023	.03251	.02064	.00005
#2	.00046	-.00207	.00292	.00219	-.00059	.05411	.02103	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	92.971	-.00072	-.00033	.00159	-.01520	.00743	224.59
Stddev	.00009	.577	.00012	.00000	.00025	.00060	.00000	.29
%RSD	45.233	.62081	16.857	1.2811	15.982	3.9159	.01257	.12917
#1	-.00027	92.563	-.00064	-.00034	.00177	-.01562	.00743	224.38
#2	-.00014	93.379	-.00081	-.00033	.00141	-.01478	.00743	224.79
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00321	-.00013	1204.2	.00136	-.00015	75.237	.00182	.78366
Stddev	.00009	.00025	.1	.00063	.00005	.248	.00005	.00679
%RSD	2.7889	200.71	.00522	46.555	32.345	.32920	2.8074	.86600
#1	-.00314	-.00030	1204.3	.00181	-.00019	75.062	.00185	.77886
#2	-.00327	.00005	1204.2	.00091	-.00012	75.412	.00178	.78846
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 176.07	1.5398	-.06549	-.00023	.03090	.0835	1.4773	7.0015
Stddev	.37	.0056	.00051	.00101	.00096	.0000	.0086	.0707
%RSD	.21212	.36261	.77496	450.09	3.0934	.0109	.58448	1.0100
#1	176.33	1.5437	-.06513	.00049	.03158	.0835	1.4712	6.9515
#2	175.80	1.5358	-.06585	-.00094	.03023	.0835	1.4834	7.0515

Sample Name: J5686-05 Acquired: 11/1/2018 12:47:50 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.4318
Stddev .3959
%RSD 8.9322

#1 4.1519
#2 4.7117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.4	38419.	3753.8	98.090	3026.2
Stddev	6.2	61.	12.2	.242	5.8
%RSD	.20606	.15810	.32506	.24655	.19125

#1	2992.0	38462.	3762.5	98.261	3022.1
#2	3000.7	38376.	3745.2	97.919	3030.3

Sample Name: J5719-01 Acquired: 11/1/2018 12:51:56 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00160	-.00117	.01357	.00125	.00365	.03408	.18770	-.00001
Stddev	.00077	.00024	.00067	.00219	.00103	.00265	.00062	.00003
%RSD	48.062	20.830	4.9140	175.04	28.291	7.7844	.32773	232.30

#1	-.00215	-.00100	.01404	-.00030	.00292	.03220	.18814	.00001
#2	-.00106	-.00135	.01310	.00279	.00438	.03596	.18727	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05147	2.3163	.00080	.00015	.03973	.06132	.06852	.36129
Stddev	.00007	.0100	.00006	.00039	.00037	.00633	.00089	.01094
%RSD	.13297	.43213	7.1398	252.06	.93482	10.319	1.2972	3.0271

#1	.05142	2.3234	.00084	.00043	.04000	.06579	.06789	.35356
#2	.05152	2.3092	.00076	-.00012	.03947	.05684	.06915	.36903

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	.00017	206.82	.00003	.22690	.88109	.00024	.05017
Stddev	.00019	.00099	.22	.00013	.00046	.02782	.00019	.00162
%RSD	6.5152	597.05	.10714	441.90	.20244	3.1574	78.722	3.2328

#1	.00276	-.00053	206.98	-.00006	.22723	.90076	.00037	.04902
#2	.00303	.00087	206.67	.00012	.22658	.86142	.00010	.05132

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29793	.12082	.00269	.00004	.00058	.0540	.01276	4.7387
Stddev	.00923	.00511	.00003	.00401	.00048	.0005	.00002	.0539
%RSD	3.0992	4.2296	.94364	9352.5	83.582	.9879	.15565	1.1379

#1	.30446	.12444	.00268	.00288	.00024	.0543	.01274	4.7768
#2	.29140	.11721	.00271	-.00279	.00092	.0536	.01277	4.7006

Sample Name: J5719-01 Acquired: 11/1/2018 12:51:56 Type: Unk
 Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0333
 Stddev .2821
 %RSD 27.305

#1 .83376
 #2 1.2327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3296.4	42892.	3862.1	100.39	3624.2
Stddev	19.6	143.	6.0	.11	15.4
%RSD	.59461	.33452	.15643	.11192	.42556

#1	3282.6	42993.	3857.8	100.31	3613.3
#2	3310.3	42790.	3866.3	100.47	3635.1

Sample Name: CCV02 Acquired: 11/1/2018 13:03:47 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9328	4.7136	4.7607	4.8285	4.8821	9.7427	9.8372	.23983
Stddev	.0168	.0187	.0092	.0219	.0194	.0419	.0310	.00031
%RSD	.34011	.39622	.19250	.45302	.39675	.43002	.31506	.12813
#1	4.9447	4.7268	4.7672	4.8439	4.8958	9.7131	9.8591	.24004
#2	4.9210	4.7004	4.7542	4.8130	4.8684	9.7724	9.8153	.23961
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3440	25.358	1.0473	2.3577	1.2114	4.6969	2.4159	24.391
Stddev	.0045	.177	.0025	.0060	.0037	.1063	.0016	.023
%RSD	.19146	.69840	.23579	.25348	.30515	2.2625	.06798	.09252
#1	2.3472	25.232	1.0455	2.3619	1.2141	4.6217	2.4147	24.375
#2	2.3409	25.483	1.0490	2.3534	1.2088	4.7720	2.4171	24.407
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3262	1.1631	23.243	2.5000	2.4306	24.583	4.9085	4.8254
Stddev	.0024	.0009	.011	.0011	.0512	.048	.0091	.0267
%RSD	.10548	.07802	.04819	.04371	2.1053	.19367	.18541	.55281
#1	2.3279	1.1637	23.251	2.4992	2.3944	24.549	4.9149	4.8065
#2	2.3245	1.1625	23.235	2.5007	2.4668	24.616	4.9020	4.8443
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6258	4.9659	4.6994	4.8517	4.9611	4.733	5.1145	4.5245
Stddev	.0285	.0086	.0200	.0182	.0043	.006	.0045	.0994
%RSD	.61643	.17302	.42635	.37455	.08745	.1252	.08831	2.1963
#1	4.6460	4.9720	4.7135	4.8646	4.9641	4.737	5.1113	4.5948
#2	4.6057	4.9598	4.6852	4.8389	4.9580	4.729	5.1177	4.4543

Sample Name: CCV02 Acquired: 11/1/2018 13:03:47 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0424
Stddev .2709
%RSD 13.264

#1 1.8508
#2 2.2339

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.3	43988.	3846.8	98.197	3655.4
Stddev	8.6	37.	9.5	2.113	8.5
%RSD	.25575	.08459	.24714	2.1521	.23214

#1	3359.2	44014.	3840.1	99.692	3649.4
#2	3371.4	43962.	3853.5	96.703	3661.4

Sample Name: CCB02 Acquired: 11/1/2018 13:11:07 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	.00184	-.00019	-.00097	.00206	-.00631	.00590	-.00002
Stddev	.00175	.00091	.00136	.00154	.00071	.00659	.00050	.00001
%RSD	73.336	49.254	709.02	159.86	34.360	104.37	8.5608	88.862
#1	.00363	.00120	.00077	-.00206	.00256	-.00165	.00625	-.00003
#2	.00115	.00248	-.00115	.00013	.00156	-.01097	.00554	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01252	.00083	-.00033	.00136	.01555	.00000	-.00255
Stddev	.00006	.00709	.00012	.00015	.00023	.01073	.00000	.03813
%RSD	99.145	56.631	14.315	45.449	16.670	68.995	582.60	1495.2
#1	-.00011	-.01753	.00091	-.00022	.00152	.00797	-.00000	.02441
#2	-.00002	-.00751	.00074	-.00044	.00120	.02314	.00000	-.02951
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00140	.00020	.15702	-.00035	-.00021	.02274	.00027	.01257
Stddev	.00059	.00030	.00530	.00055	.00015	.00433	.00009	.01105
%RSD	42.150	152.22	3.3783	157.97	70.622	19.061	33.026	87.876
#1	-.00181	-.00002	.16078	-.00073	-.00010	.02580	.00033	.02038
#2	-.00098	.00041	.15327	.00004	-.00031	.01967	.00021	.00476
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01447	-.00335	-.00238	-.00413	F .01831	-.0003	.00022	F 9.0721
Stddev	.00463	.00121	.00005	.00021	.00022	.0001	.00002	.0818
%RSD	32.009	36.095	2.0449	5.0726	1.1800	52.83	9.8511	.90152
#1	.01775	-.00421	-.00234	-.00428	.01815	-.0002	.00020	9.1299
#2	.01120	-.00250	-.00241	-.00398	.01846	-.0004	.00023	9.0142

Sample Name: CCB02 Acquired: 11/1/2018 13:11:07 Type: Unk
Method: P4-ICP2(v2539) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .84575
Stddev .79674
%RSD 94.205

#1 1.4091
#2 .28237

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.3	46219.	3614.0	99.713	4101.0
Stddev	19.6	138.	41.1	1.514	12.7
%RSD	.61389	.29853	1.1363	1.5188	.31087

#1	3203.2	46122.	3585.0	98.642	4110.0
#2	3175.5	46317.	3643.1	100.78	4092.0