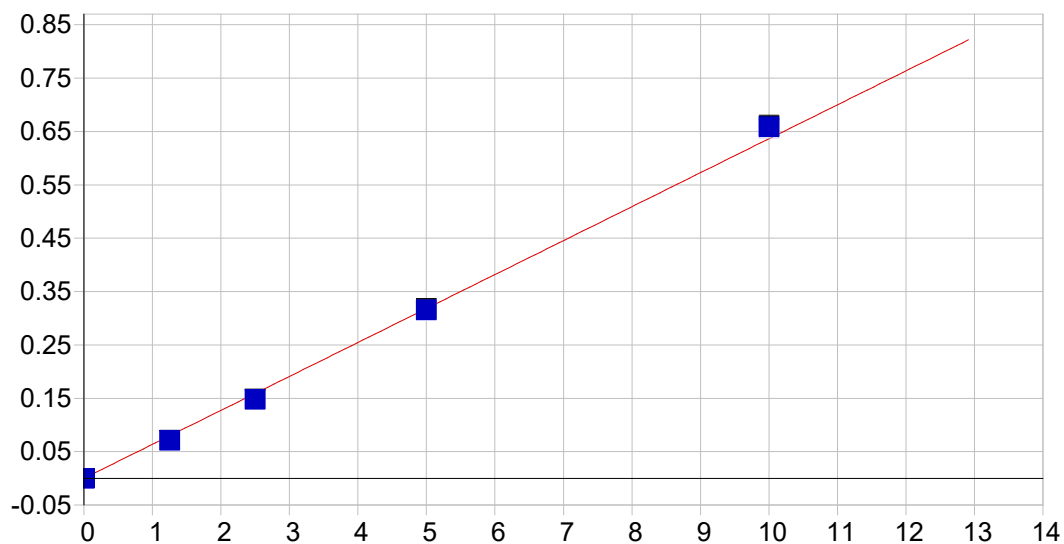




As 189.042 {479}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000025

Re-Slope: 1.000000

A1 (Gain): 0.063635

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998939

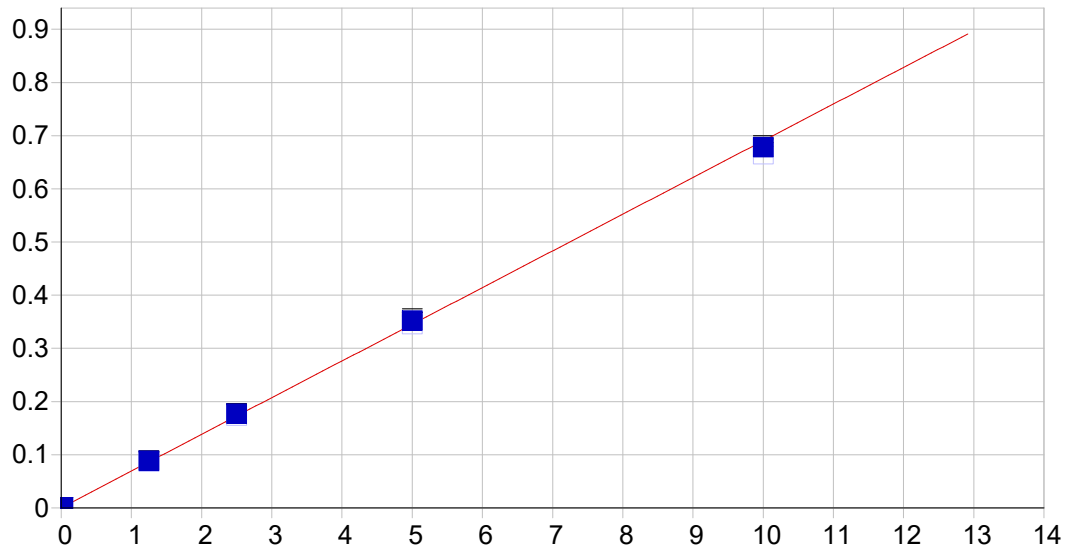
Status: OK.

Std Error of Est: 0.000049

Predicted MDL: 0.002399

Predicted MQL: 0.007996

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.00718	-.003	-28.2	.00048	.000	1
S3	2.5000	2.3269	-.173	-6.93	.14746	.001	1
S4	5.0000	4.9591	-.041	-.817	.31432	.003	1
S5	10.000	10.350	.350	3.50	.65610	.003	1
S2	1.2500	1.1169	-.133	-10.7	.07078	.000	1



TI 190.856 {477}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000342

Re-Slope: 1.000000

A1 (Gain): 0.069001

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999811

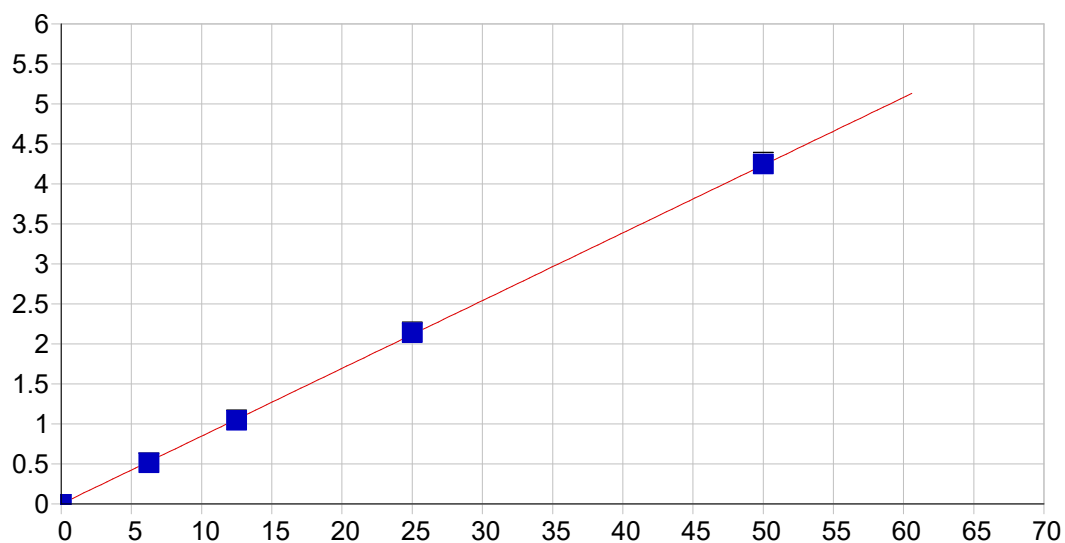
Status: OK.

Std Error of Est: 0.000035

Predicted MDL: 0.001992

Predicted MQL: 0.006639

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00034	.000	1
S1	.02500	.02390	-.001	-4.38	.00192	.000	1
S3	2.5000	2.5556	.056	2.22	.17335	.001	1
S4	5.0000	5.0994	.099	1.99	.34554	.003	1
S5	10.000	9.8230	-.177	-1.77	.66479	.003	1
S2	1.2500	1.2730	.023	1.84	.08652	.000	1

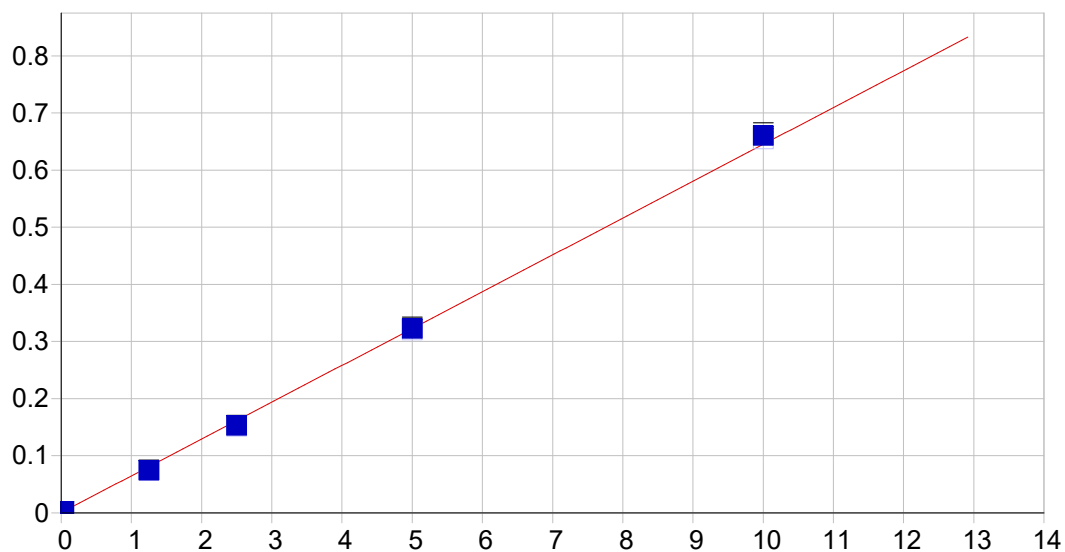


Pb 220.353 {453}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000588 Re-Slope: 1.000000
 A1 (Gain): 0.084679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.003865
 Predicted MQL: 0.012883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.01000	.00721	-.003	-27.9	.00119	.000	1
S3	12.500	12.337	-.163	-1.30	1.0444	.003	1
S4	25.000	25.246	.246	.985	2.1367	.010	1
S5	50.000	50.141	.141	.282	4.2429	.025	1
S2	6.2500	6.0283	-.222	-3.55	.51062	.001	1

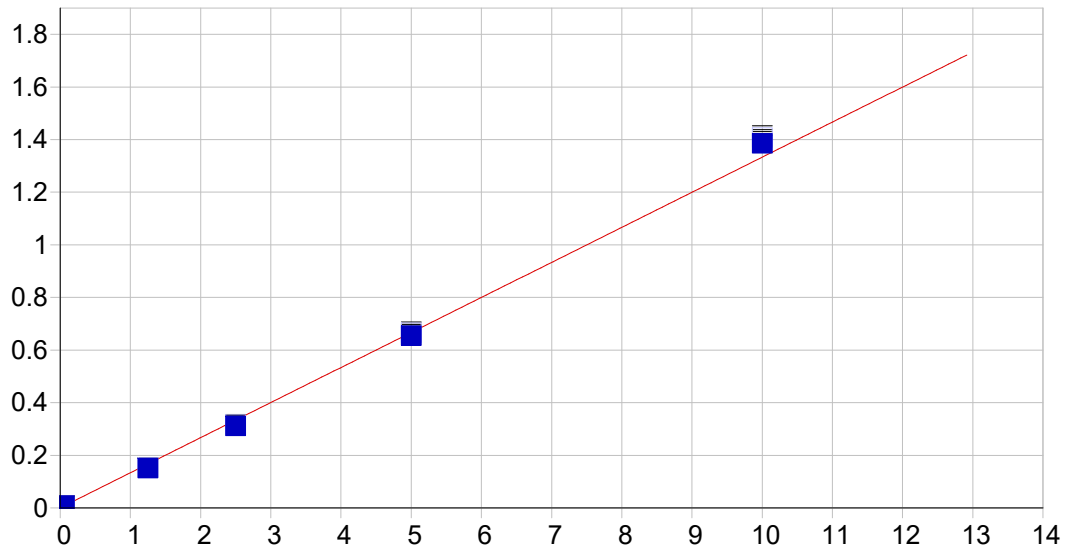


Se 196.090 {472}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000427	Re-Slope:	1.000000
A1 (Gain):	0.064459	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999417	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.003021		
Predicted MQL:	0.010068		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00043	.000	1
S1	.03500	.03149	-.004	-10.0	.00245	.000	1
S3	2.5000	2.3629	-.137	-5.48	.15125	.001	1
S4	5.0000	5.0002	.000	.004	.31976	.003	1
S5	10.000	10.240	.240	2.40	.65454	.005	1
S2	1.2500	1.1506	-.099	-7.95	.07385	.000	1

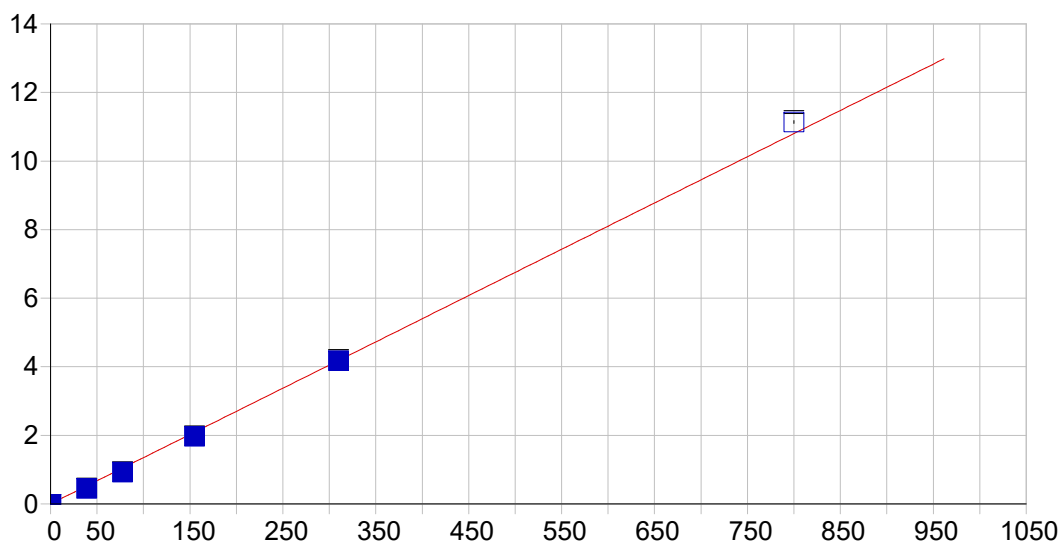


Sb 206.833 {463}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000362 Re-Slope: 1.000000
 A1 (Gain): 0.133280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998948 Status: OK.
 Std Error of Est: 0.000256
 Predicted MDL: 0.001644
 Predicted MQL: 0.005479

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00036	.000	1
S1	.06000	.05775	-.002	-3.75	.00805	.000	1
S3	2.5000	2.3310	-.169	-6.76	.31648	.001	1
S4	5.0000	4.9050	-.095	-1.90	.66500	.004	1
S5	10.000	10.391	.391	3.91	1.4070	.007	1
S2	1.2500	1.1256	-.124	-9.95	.15311	.000	1



AI 396.152 { 85}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000267

Re-Slope: 1.000000

A1 (Gain): 0.013502

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998882

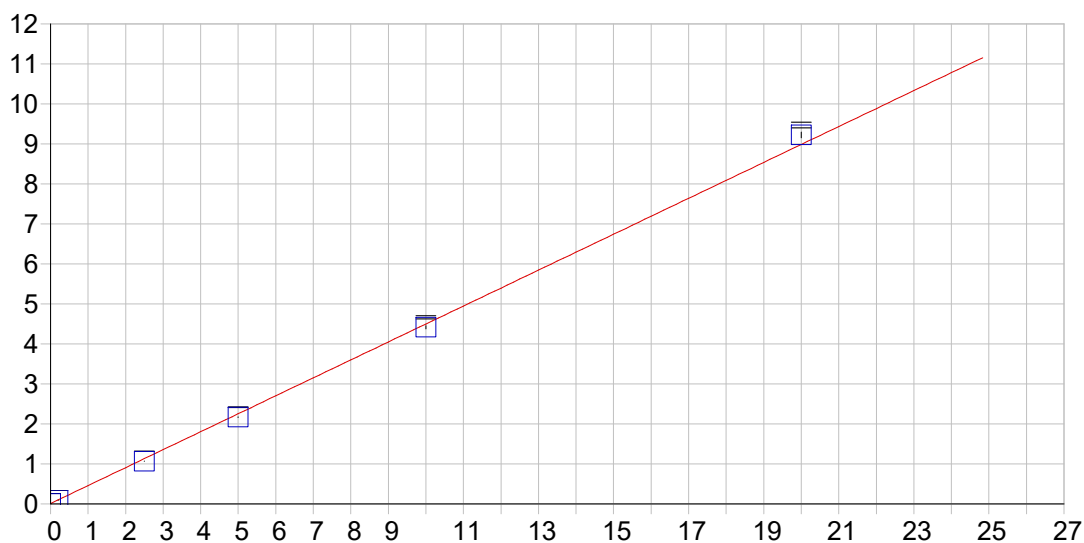
Status: OK.

Std Error of Est: 0.000397

Predicted MDL: 0.009959

Predicted MQL: 0.033198

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	.00027	.000	1
S1	.20000	.15457	-.045	-22.7	.00236	.000	1
S3	77.500	68.509	-8.99	-11.6	.92650	.004	1
S4	155.00	145.95	-9.05	-5.84	1.9733	.008	1
S5	310.00	308.72	-1.28	-.414	4.1735	.034	1
S2	38.750	33.379	-5.37	-13.9	.45157	.002	1
S6	800.00	824.77	24.8	3.10	11.136	.041	1

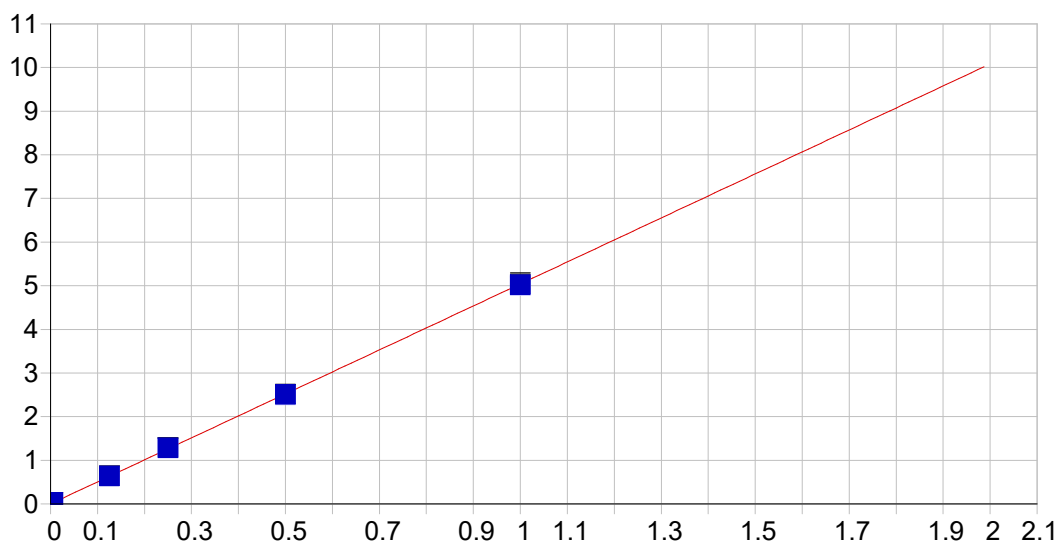


Ba 493.409 { 68}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.010230	Re-Slope:	1.000000
A1 (Gain):	0.448801	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999545	Status:	OK.
Std Error of Est:	0.001440		
Predicted MDL:	0.000923		
Predicted MQL:	0.003077		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.01024	.000	1
S1	.20000	.18461	-.015	-7.70	.09308	.000	1
S3	5.0000	4.8057	-.194	-3.89	2.1670	.009	1
S4	10.000	9.8239	-.176	-1.76	4.4192	.039	1
S5	20.000	20.531	.531	2.65	9.2245	.071	1
S2	2.5000	2.3548	-.145	-5.81	1.0671	.005	1

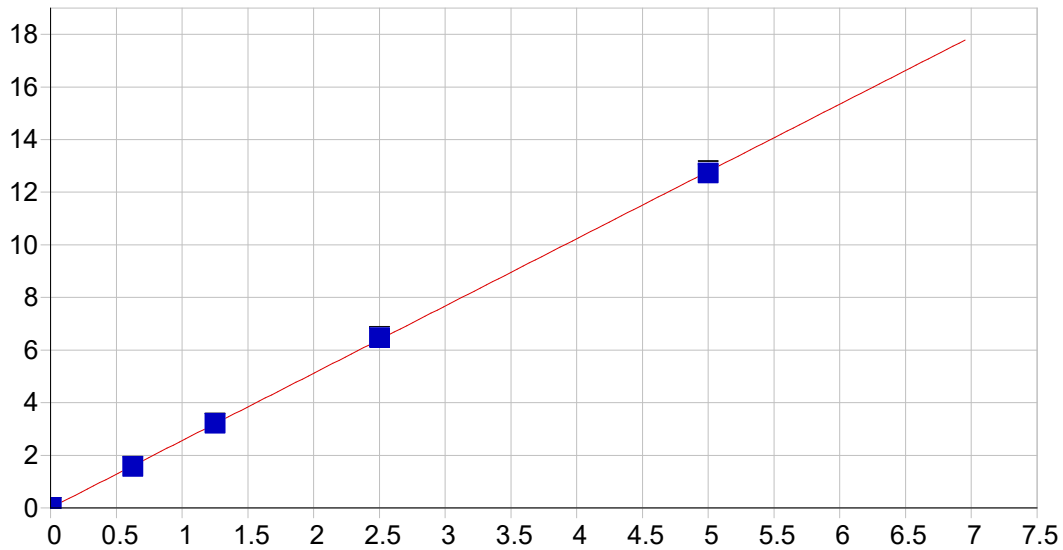


Be 234.861 {144}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000355	Re-Slope:	1.000000
A1 (Gain):	5.040892	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999956	Status:	OK.
Std Error of Est:	0.000177		
Predicted MDL:	0.000071		
Predicted MQL:	0.000235		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.00500	.00534	.000	6.78	.02724	.000	1
S3	.25000	.25457	.005	1.83	1.2780	.004	1
S4	.50000	.49709	-.003	-.581	2.4948	.008	1
S5	1.0000	.99615	-.004	-.385	4.9992	.042	1
S2	.12500	.12684	.002	1.47	.63691	.003	1

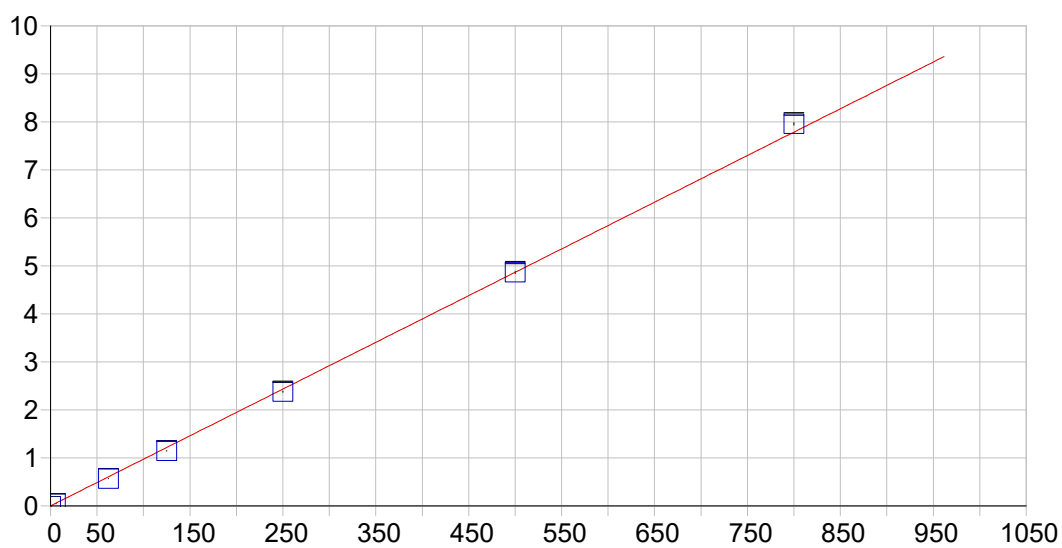


Cd 214.438 {457}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001380 Re-Slope: 1.000000
 A1 (Gain): 2.557802 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000190
 Predicted MDL: 0.000078
 Predicted MQL: 0.000261

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00138	.000	1
S1	.00500	.00459	-.000	-8.23	.01313	.000	1
S3	1.2500	1.2550	.005	.397	3.2177	.009	1
S4	2.5000	2.5309	.031	1.24	6.4876	.036	1
S5	5.0000	4.9750	-.025	-.499	12.752	.069	1
S2	.62500	.61451	-.010	-1.68	1.5763	.004	1



Ca 373.690 { 90}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000628

Re-Slope: 1.000000

A1 (Gain): 0.009734

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999641

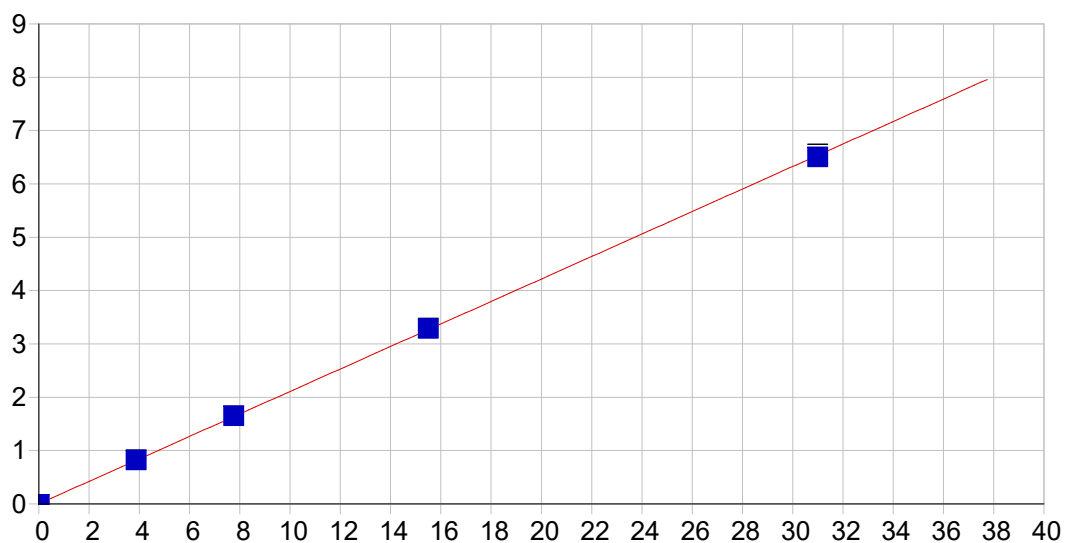
Status: OK.

Std Error of Est: 0.000910

Predicted MDL: 0.011744

Predicted MQL: 0.039146

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00096	.001	.000	.00064	.000	1
S2	62.500	58.286	-4.21	-6.74	.56796	.003	1
S3	125.00	117.60	-7.40	-5.92	1.1453	.005	1
S4	250.00	244.65	-5.35	-2.14	2.3820	.012	1
S5	500.00	499.62	-.378	-.076	4.8637	.021	1
S1	5.0000	4.6687	-.331	-6.63	.04607	.000	1
S6	800.00	817.67	17.7	2.21	7.9595	.026	1

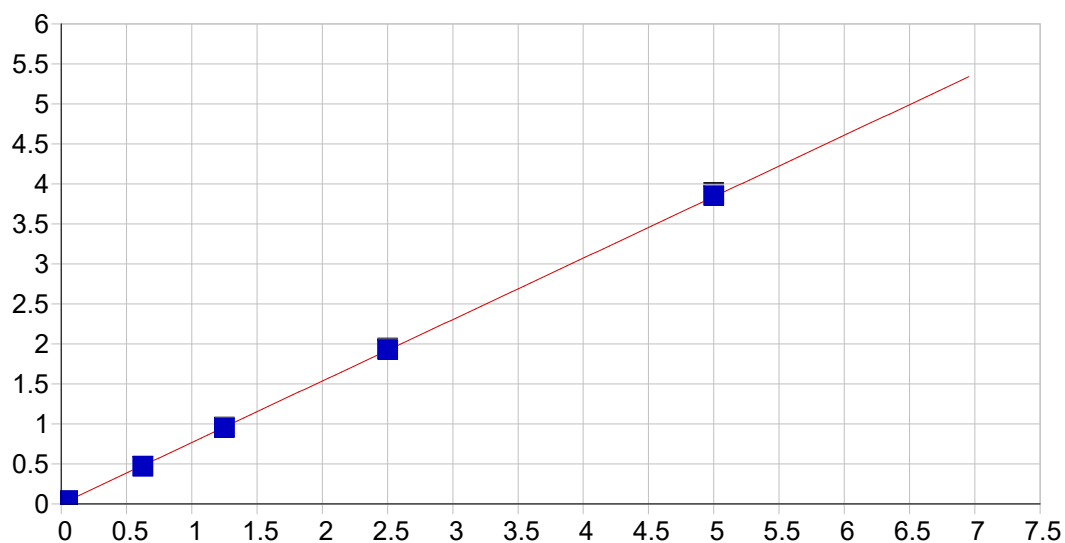


Cr 267.716 {126}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000608	Re-Slope:	1.000000
A1 (Gain):	0.210835	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.000418		
Predicted MQL:	0.001393		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.01000	.00718	-.003	-28.2	.00212	.000	1
S3	7.7500	7.8115	.061	.794	1.6480	.003	1
S4	15.500	15.590	.090	.580	3.2883	.004	1
S5	31.000	30.834	-.166	-.535	6.5032	.055	1
S2	3.8750	3.8923	.017	.446	.82144	.002	1

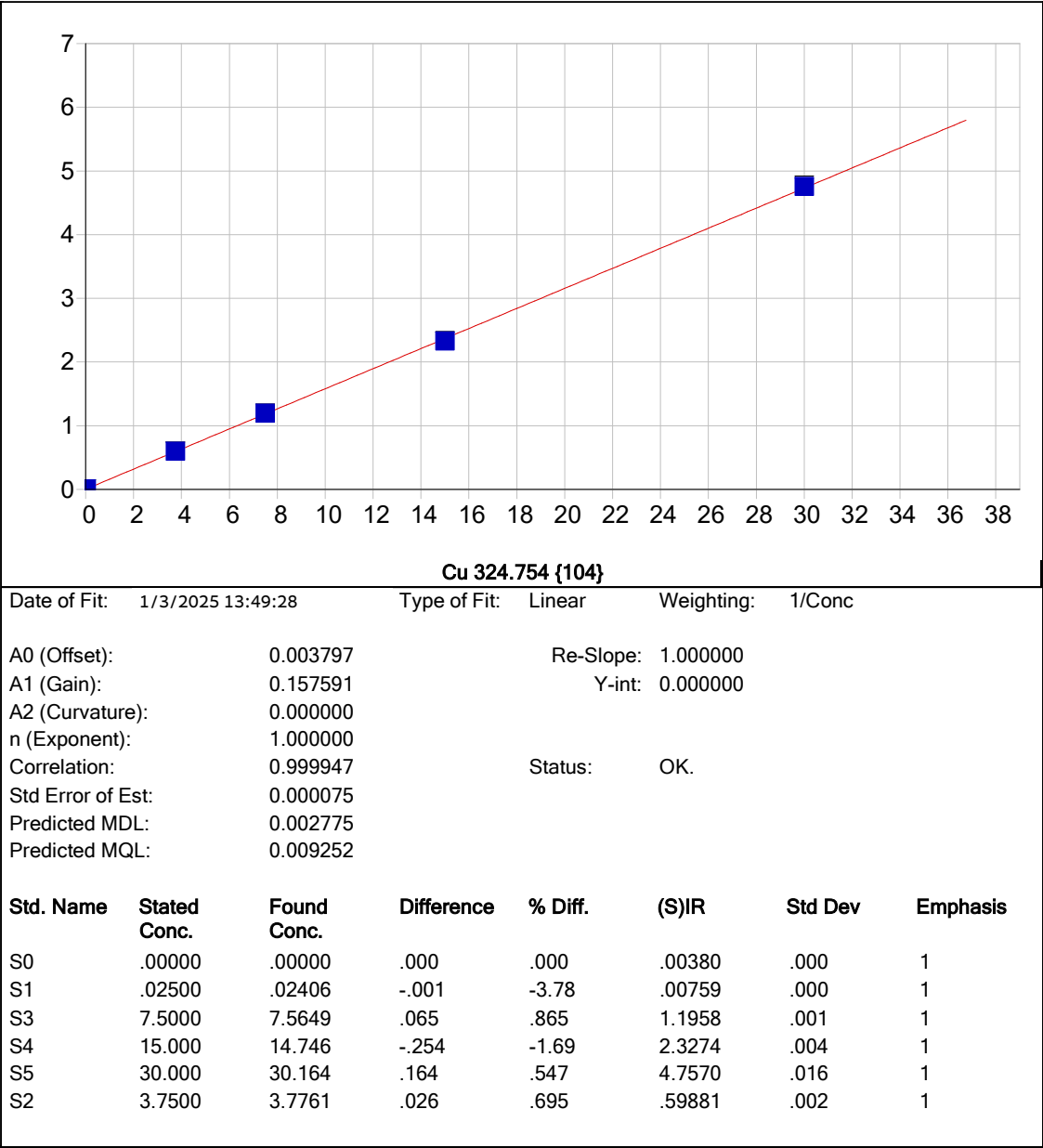


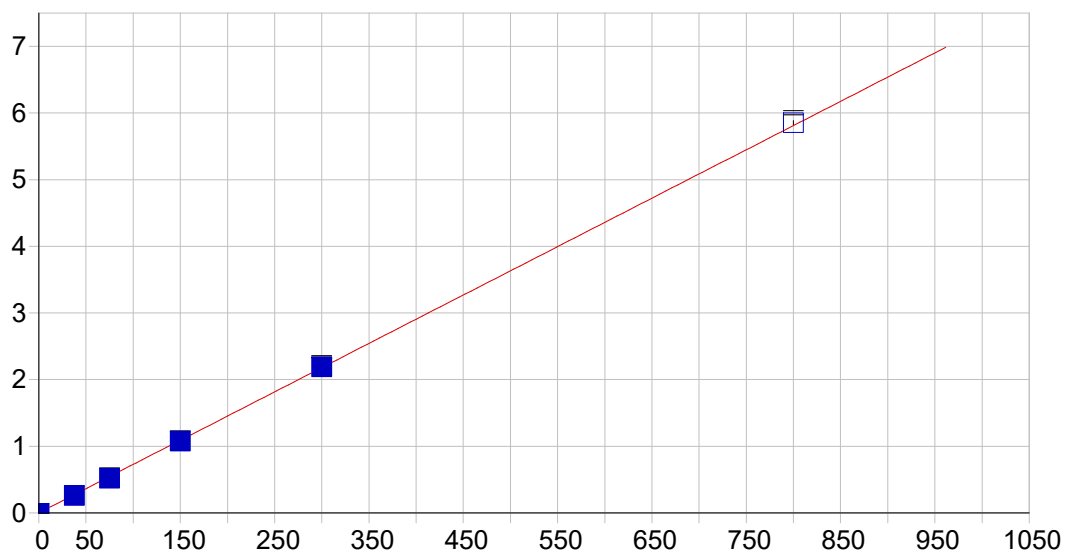
Co 228.616 {448}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000573 Re-Slope: 1.000000
 A1 (Gain): 0.767859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.000279
 Predicted MQL: 0.000930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00057	.000	1
S1	.05000	.04983	-.000	-.345	.03898	.000	1
S3	1.2500	1.2415	-.009	-.682	.95750	.003	1
S4	2.5000	2.5127	.013	.507	1.9373	.010	1
S5	5.0000	5.0133	.013	.266	3.8647	.025	1
S2	.62500	.60772	-.017	-2.77	.46904	.001	1



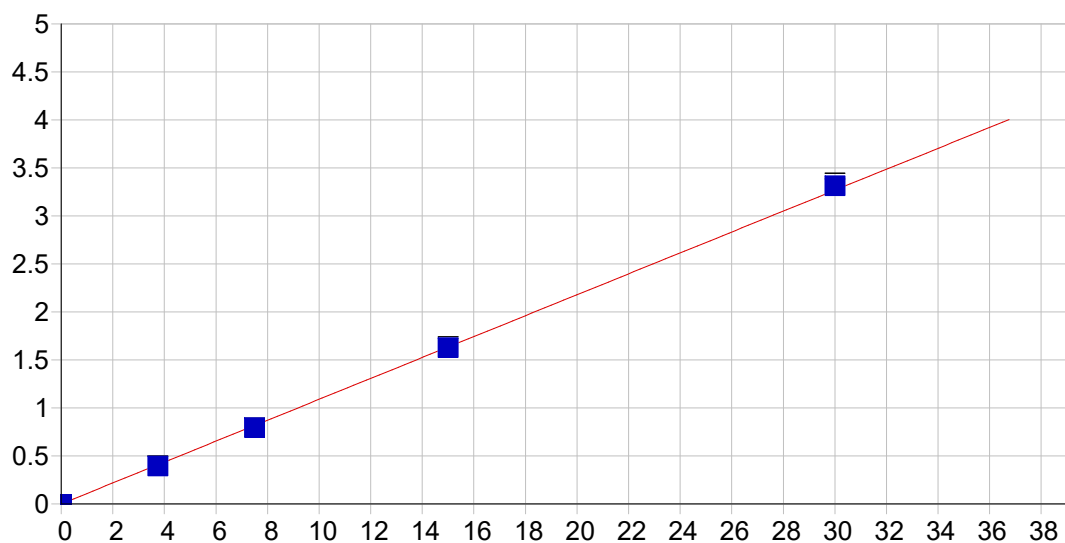


Fe 259.837 {130}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000266 Re-Slope: 1.000000
 A1 (Gain): 0.007265 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999871 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.006288
 Predicted MQL: 0.020961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00027	.000	1
S1	.10000	.07090	-.029	-29.1	.00077	.000	1
S3	75.000	71.540	-3.46	-4.61	.51945	.002	1
S4	150.00	148.18	-1.82	-1.21	1.0757	.005	1
S5	300.00	301.45	1.45	.483	2.1881	.017	1
S2	37.500	35.463	-2.04	-5.43	.25762	.001	1
S6	800.00	805.89	5.89	.736	5.8550	.030	1

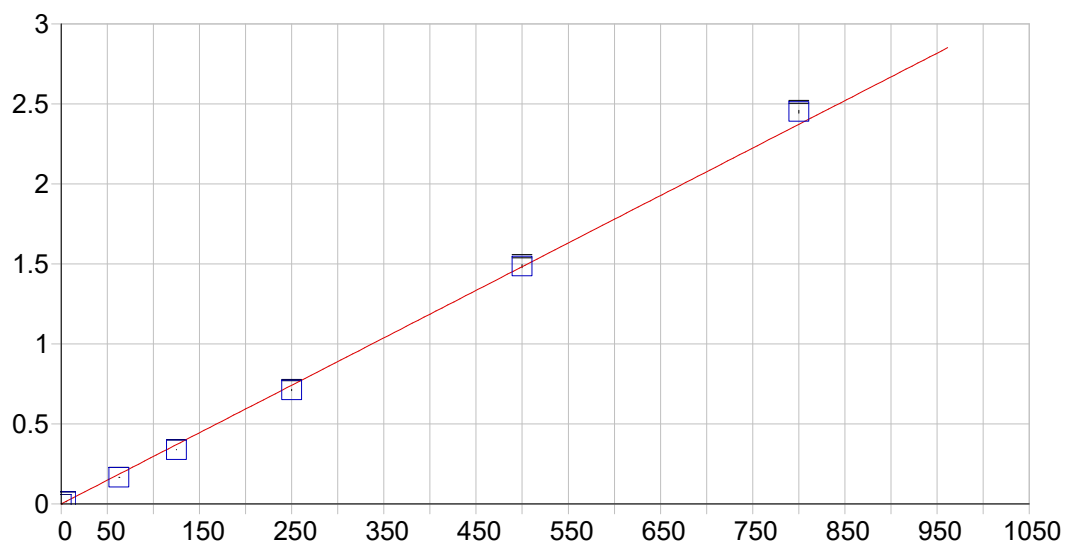


Mn 257.610 {131}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000311	Re-Slope:	1.000000
A1 (Gain):	0.108923	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999844	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.000394		
Predicted MQL:	0.001312		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.01500	.01181	-.003	-21.3	.00160	.000	1
S3	7.5000	7.2816	-.218	-2.91	.79287	.003	1
S4	15.000	14.945	-.055	-.363	1.6271	.008	1
S5	30.000	30.410	.410	1.37	3.3103	.029	1
S2	3.7500	3.6166	-.133	-3.56	.39396	.002	1

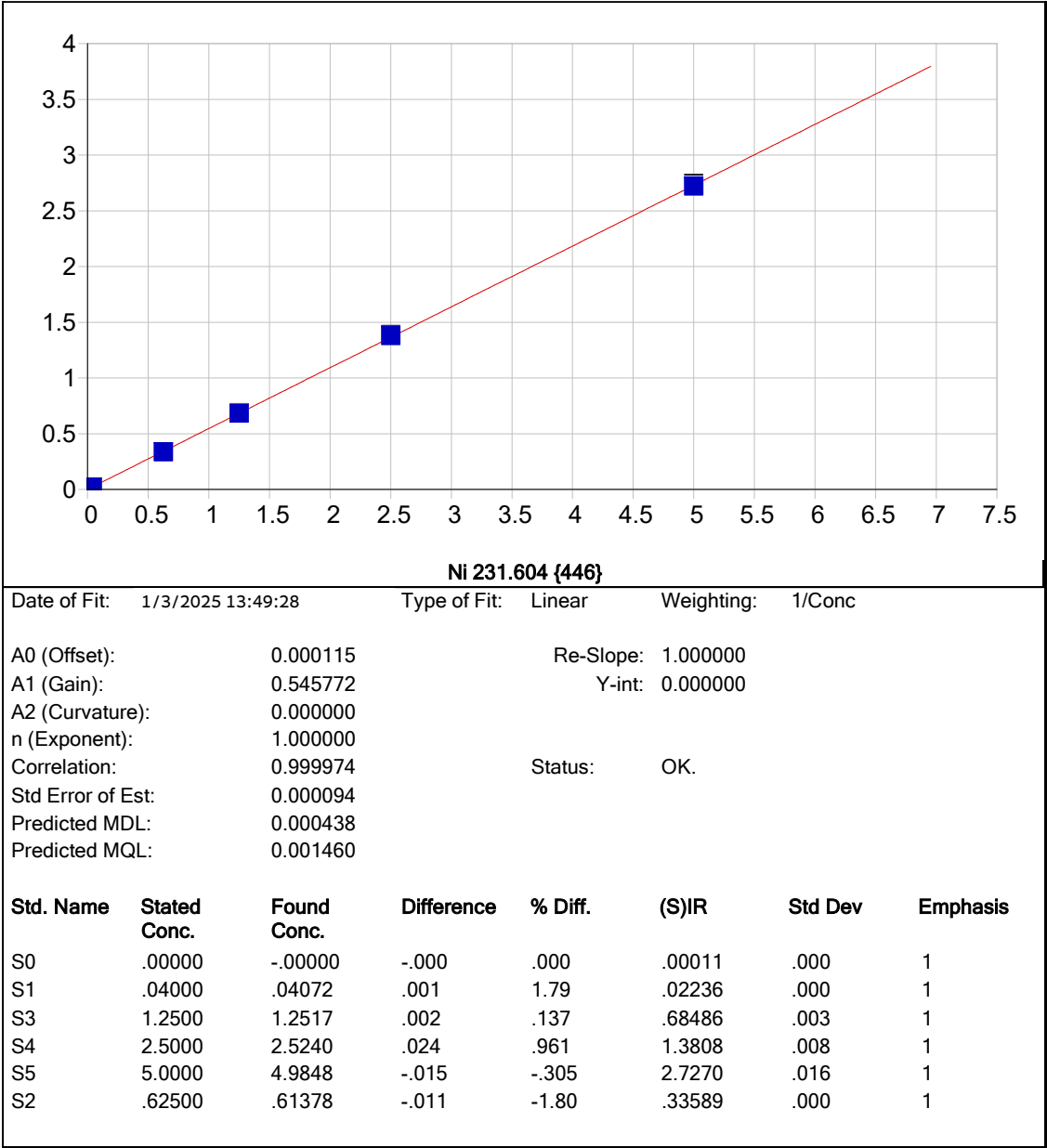


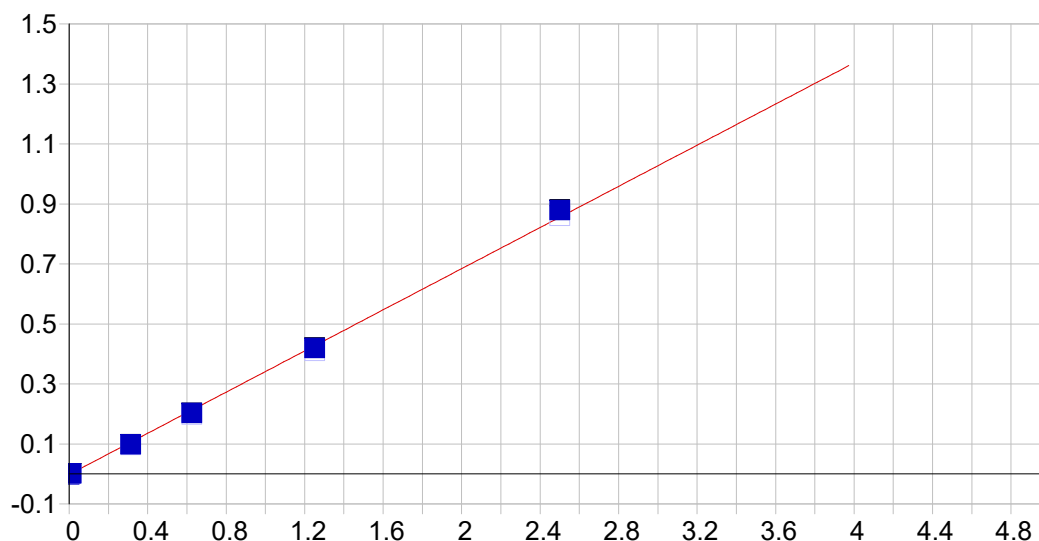
Mg 279.079 {121}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000123	Re-Slope:	1.000000
A1 (Gain):	0.002965	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999146	Status:	OK.
Std Error of Est:	0.000428		
Predicted MDL:	0.019240		
Predicted MQL:	0.064134		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00150	.002	.000	.00013	.000	1
S2	62.500	55.873	-6.63	-10.6	.16579	.000	1
S3	125.00	114.06	-10.9	-8.75	.33832	.001	1
S4	250.00	240.29	-9.71	-3.88	.71260	.004	1
S5	500.00	501.18	1.18	.235	1.4861	.011	1
S1	5.0000	4.4827	-.517	-10.3	.01341	.000	1
S6	800.00	826.61	26.6	3.33	2.4510	.009	1



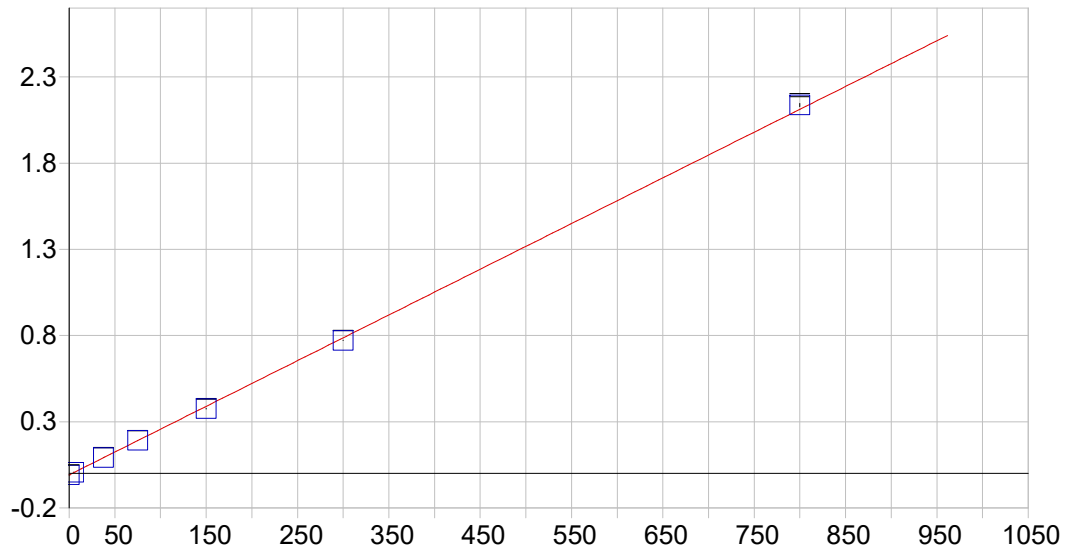


Ag 328.068 {103}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001834	Re-Slope:	1.000000
A1 (Gain):	0.342984	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999457	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	0.000433		
Predicted MQL:	0.001444		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00183	.000	1
S1	.01000	.00970	-.000	-3.01	.00147	.000	1
S3	.62500	.59568	-.029	-4.69	.19749	.000	1
S4	1.2500	1.2293	-.021	-1.65	.40985	.000	1
S5	2.5000	2.5697	.070	2.79	.85960	.002	1
S2	.31250	.29309	-.019	-6.21	.09620	.000	1



Na 818.326 { 41}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.008308

Re-Slope: 1.000000

A1 (Gain): 0.002651

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999834

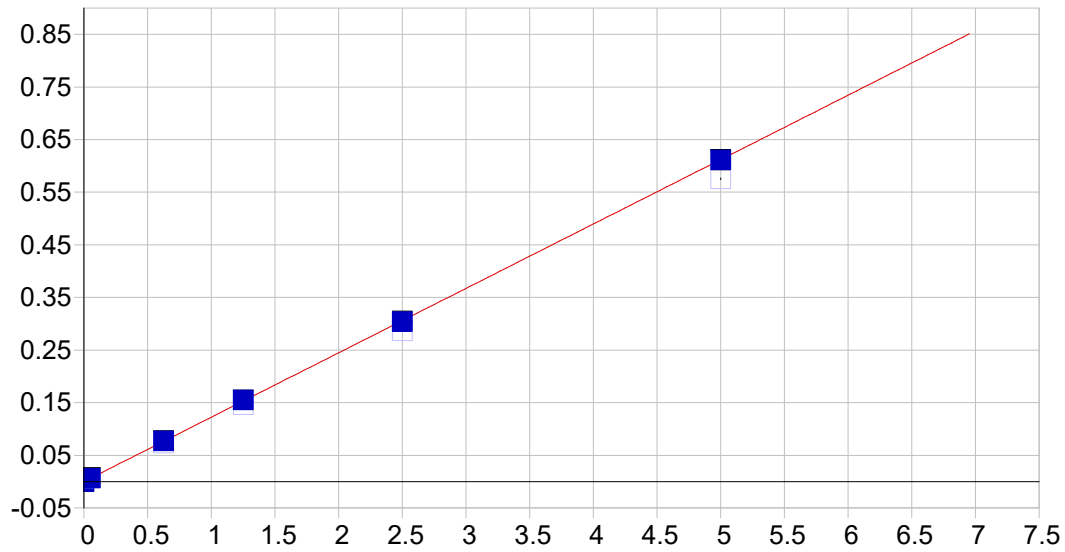
Status: OK.

Std Error of Est: 0.000149

Predicted MDL: 0.462342

Predicted MQL: 1.541141

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00040	-.000	.000	-.00831	.001	1
S2	37.500	37.859	.359	.956	.09206	.001	1
S3	75.000	75.365	.365	.487	.19149	.001	1
S4	150.00	144.96	-5.04	-3.36	.37599	.002	1
S5	300.00	294.27	-5.73	-1.91	.77181	.001	1
S1	5.0000	5.5287	.529	10.6	.00635	.001	1
S6	800.00	809.52	9.52	1.19	2.1378	.009	1

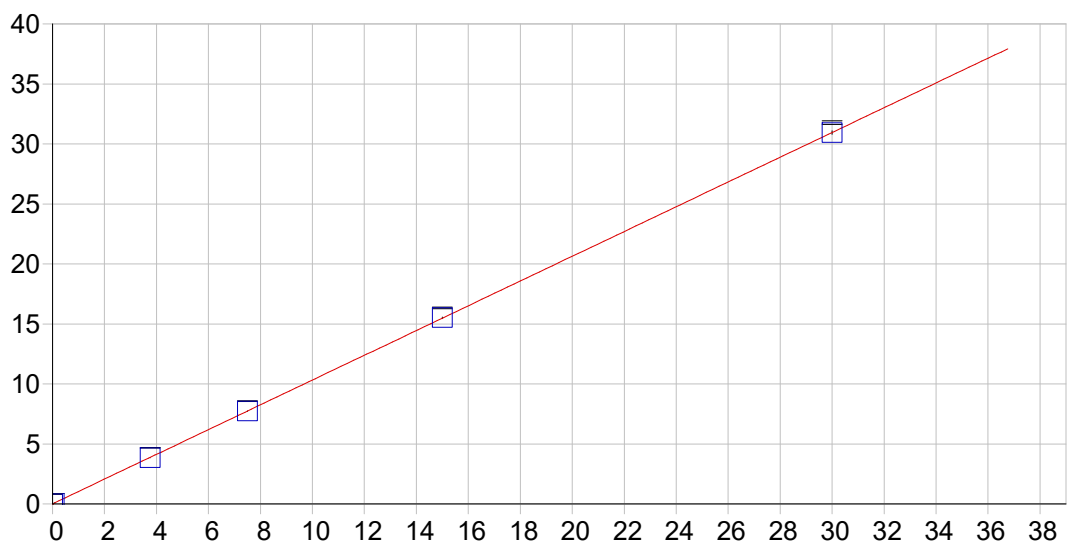


V 292.402 {115}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
A1 (Gain): 0.122405 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999962 Status: OK.
Std Error of Est: 0.000027
Predicted MDL: 0.002772
Predicted MQL: 0.009240

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.05000	.05412	.004	8.25	.00659	.000	1
S3	1.2500	1.2639	.014	1.11	.14574	.000	1
S4	2.5000	2.4839	-.016	-.645	.28612	.001	1
S5	5.0000	4.9932	-.007	-.136	.57539	.001	1
S2	.62500	.62962	.005	.739	.07258	.000	1

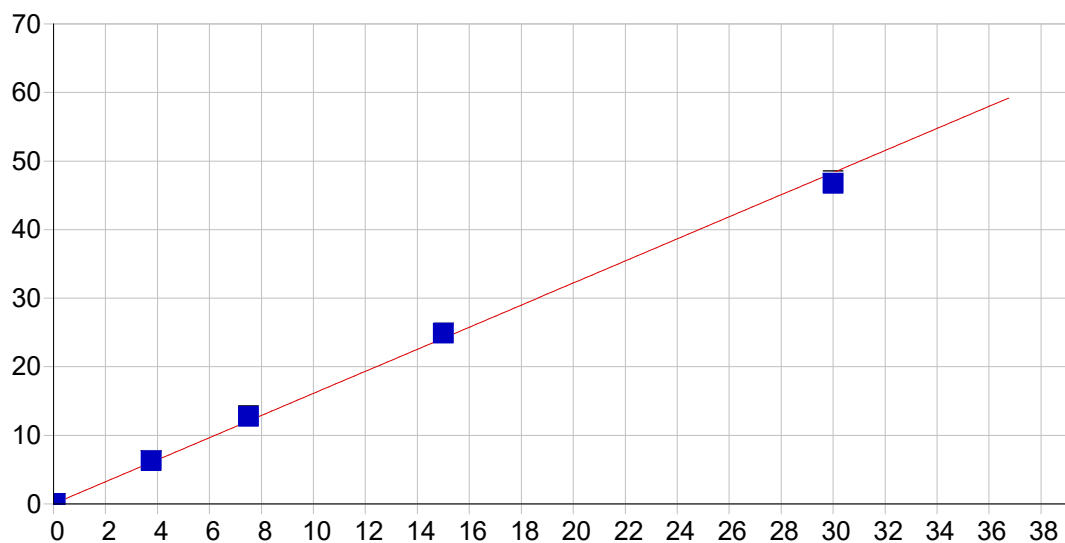


Zn 206.200 {464}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004932 Re-Slope: 1.000000
 A1 (Gain): 1.031610 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000206
 Predicted MDL: 0.000201
 Predicted MQL: 0.000670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00493	.001	1
S1	.06000	.06337	.003	5.62	.07031	.000	1
S3	7.5000	7.5001	.000	.001	7.7421	.025	1
S4	15.000	15.032	.032	.216	15.512	.067	1
S5	30.000	29.990	-.010	-.032	30.943	.149	1
S2	3.7500	3.7239	-.026	-.695	3.8466	.014	1

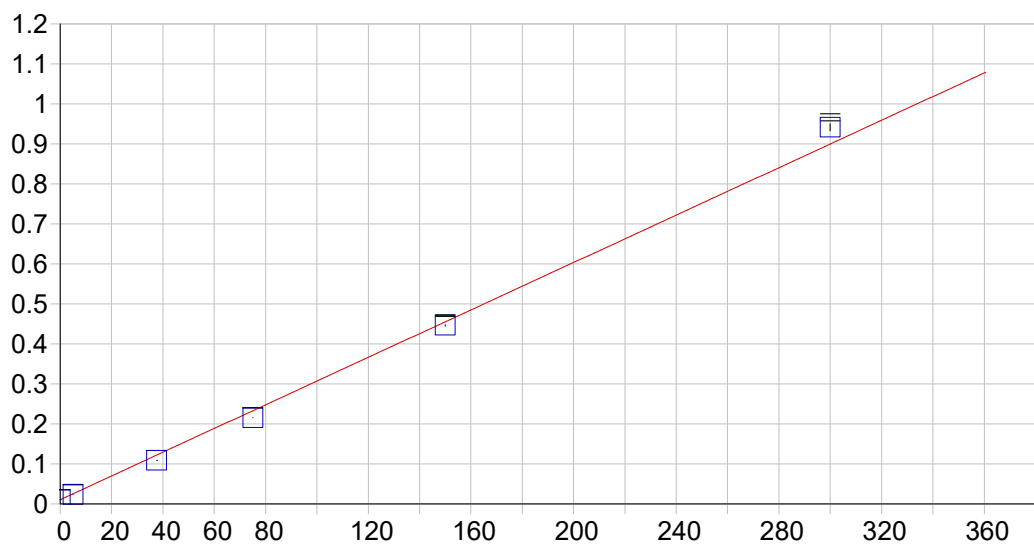


Zn 213.856 {158}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.008795	Re-Slope:	1.000000
A1 (Gain):	1.610117	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999365	Status:	OK.
Std Error of Est:	0.004100		
Predicted MDL:	0.000629		
Predicted MQL:	0.002096		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00878	.001	1
S1	.06000	.06452	.005	7.54	.11325	.001	1
S3	7.5000	7.8936	.394	5.25	12.764	.095	1
S4	15.000	15.431	.431	2.87	24.945	.059	1
S5	30.000	29.016	-.984	-3.28	46.909	.212	1
S2	3.7500	3.9057	.156	4.15	6.3202	.010	1



K 769.896 { 44 }

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.010792

Re-Slope: 1.000000

A1 (Gain): 0.002964

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998385

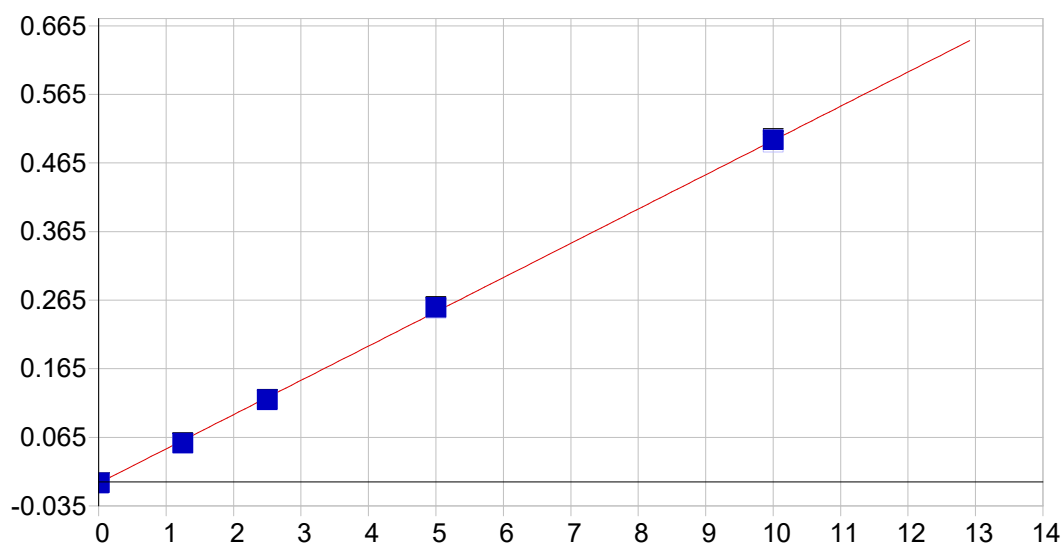
Status: OK.

Std Error of Est: 0.000348

Predicted MDL: 0.084940

Predicted MQL: 0.283133

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00159	.002	.000	.01080	.000	1
S2	37.500	33.076	-4.42	-11.8	.10881	.000	1
S3	75.000	69.083	-5.92	-7.89	.21552	.001	1
S4	150.00	146.86	-3.14	-2.10	.44600	.002	1
S5	300.00	314.22	14.2	4.74	.94198	.009	1
S1	5.0000	4.2631	-.737	-14.7	.02343	.000	1

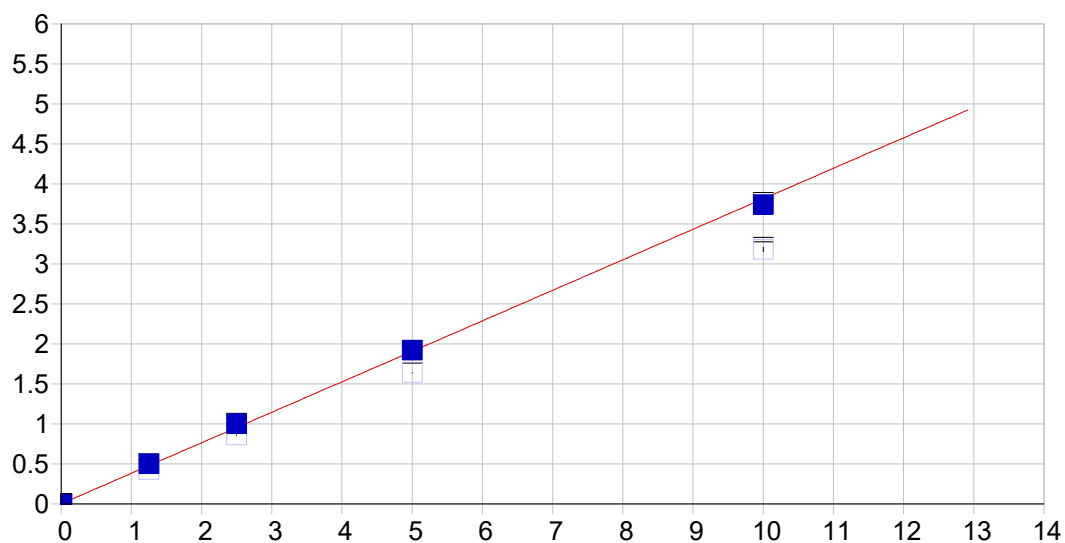


P 177.495 {490}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001875 Re-Slope: 1.000000
 A1 (Gain): 0.049970 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999705 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002095
 Predicted MQL: 0.006982

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00187	.000	1
S1	.01000	.00787	-.002	-21.3	-.00148	.000	1
S3	2.5000	2.4366	-.063	-2.54	.11899	.000	1
S4	5.0000	5.1312	.131	2.62	.25275	.001	1
S5	10.000	10.016	.016	.163	.49507	.002	1
S2	1.2500	1.1680	-.082	-6.56	.05604	.000	1

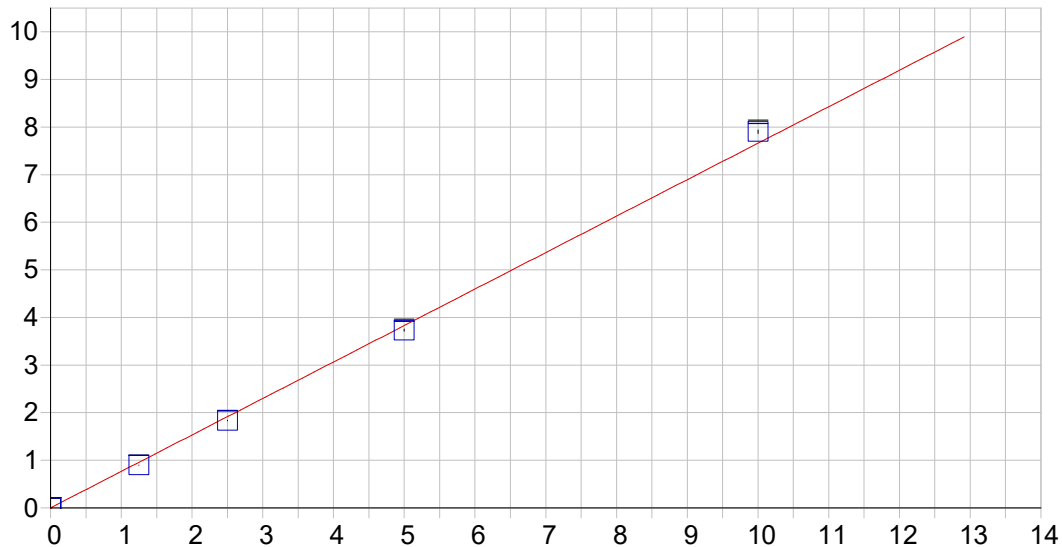


B 249.678 {135}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001577 Re-Slope: 1.000000
 A1 (Gain): 0.381181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999211 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.001087
 Predicted MQL: 0.003622

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00158	.000	1
S1	.01000	.00015	-.010	-98.5	.00144	.000	1
S3	2.5000	2.6196	.120	4.79	.85995	.006	1
S4	5.0000	5.0297	.030	.593	1.6384	.003	1
S5	10.000	9.8084	-.192	-1.92	3.1797	.030	1
S2	1.2500	1.3032	.053	4.26	.42825	.002	1



Mo 202.030 {467}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000999

Re-Slope: 1.000000

A1 (Gain): 0.766070

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999395

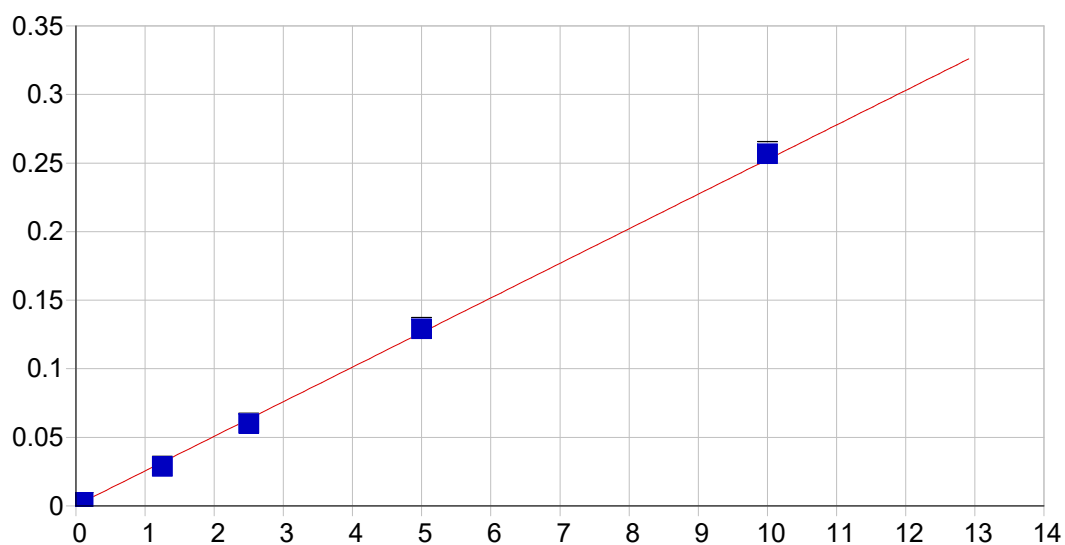
Status: OK.

Std Error of Est: 0.000447

Predicted MDL: 0.000286

Predicted MQL: 0.000952

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00100	.000	1
S1	.01000	.00907	-.001	-9.27	.00795	.000	1
S3	2.5000	2.3932	-.107	-4.27	1.8343	.004	1
S4	5.0000	4.8727	-.127	-2.55	3.7339	.021	1
S5	10.000	10.314	.314	3.14	7.9021	.037	1
S2	1.2500	1.1712	-.079	-6.30	.89822	.005	1

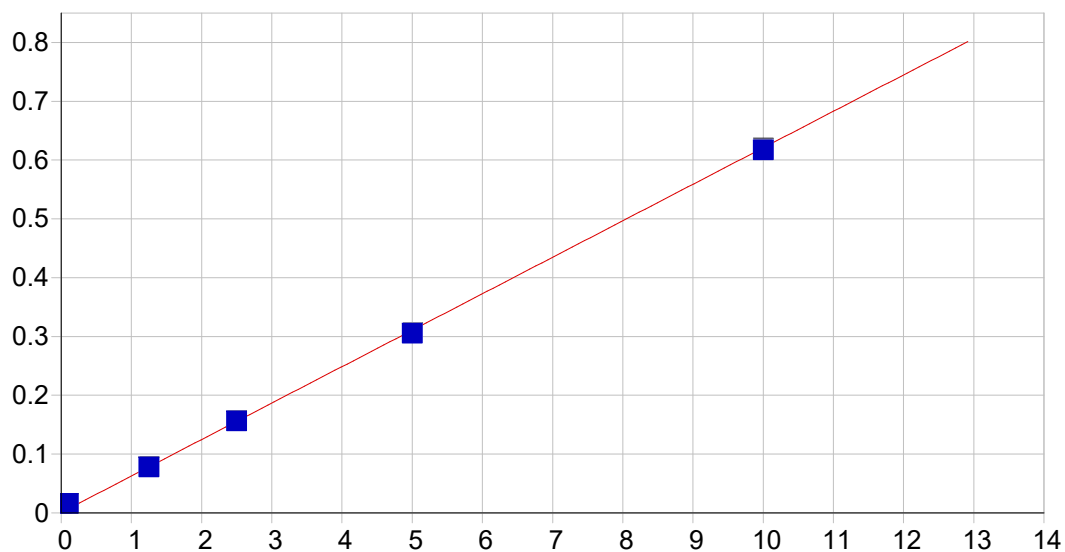


S 182.034 {485}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000329	Re-Slope:	1.000000
A1 (Gain):	0.025220	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999310	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.003965		
Predicted MQL:	0.013217		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00033	.000	1
S1	.10000	.09097	-.009	-9.03	.00262	.000	1
S3	2.5000	2.3658	-.134	-5.37	.06007	.000	1
S4	5.0000	5.1031	.103	2.06	.12919	.001	1
S5	10.000	10.168	.168	1.68	.25709	.002	1
S2	1.2500	1.1219	-.128	-10.3	.02866	.000	1

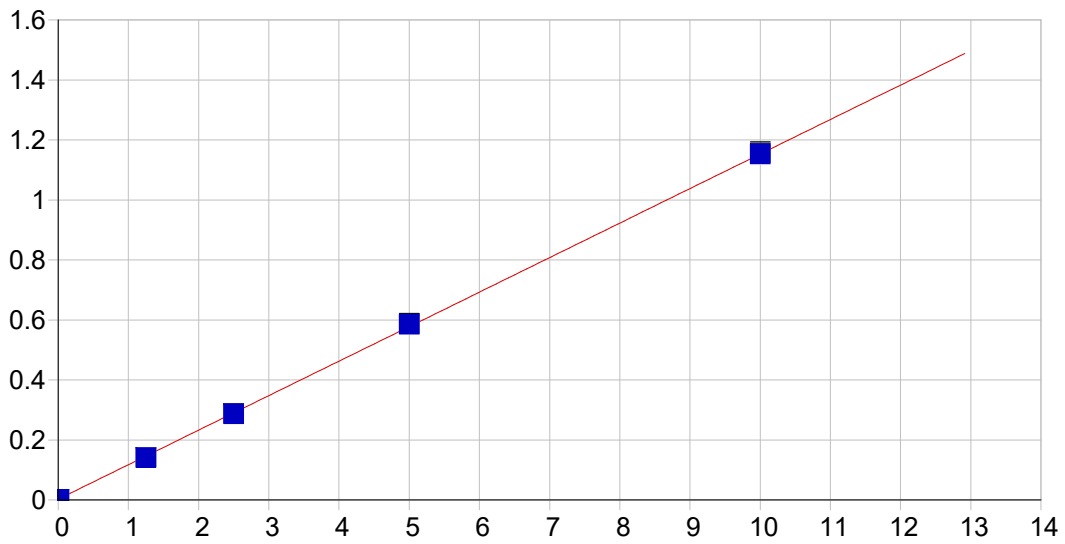


Si 251.611 {134}

Date of Fit: 1/3/2025 13:49:28 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000688 Re-Slope: 1.000000
 A1 (Gain): 0.062012 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.994483 Status: OK.
 Std Error of Est: 0.000349
 Predicted MDL: 0.003593
 Predicted MQL: 0.011977

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00068	.000	1
S1	.10000	.24452	.145	145.	.01585	.000	1
S3	2.5000	2.5065	.007	.260	.15659	.001	1
S4	5.0000	4.9136	-.086	-1.73	.30632	.001	1
S5	10.000	9.9407	-.059	-.593	.61899	.001	1
S2	1.2500	1.2451	-.005	-.393	.07813	.001	1



Sn 189.989 {478}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002388

Re-Slope: 1.000000

A1 (Gain): 0.115037

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999914

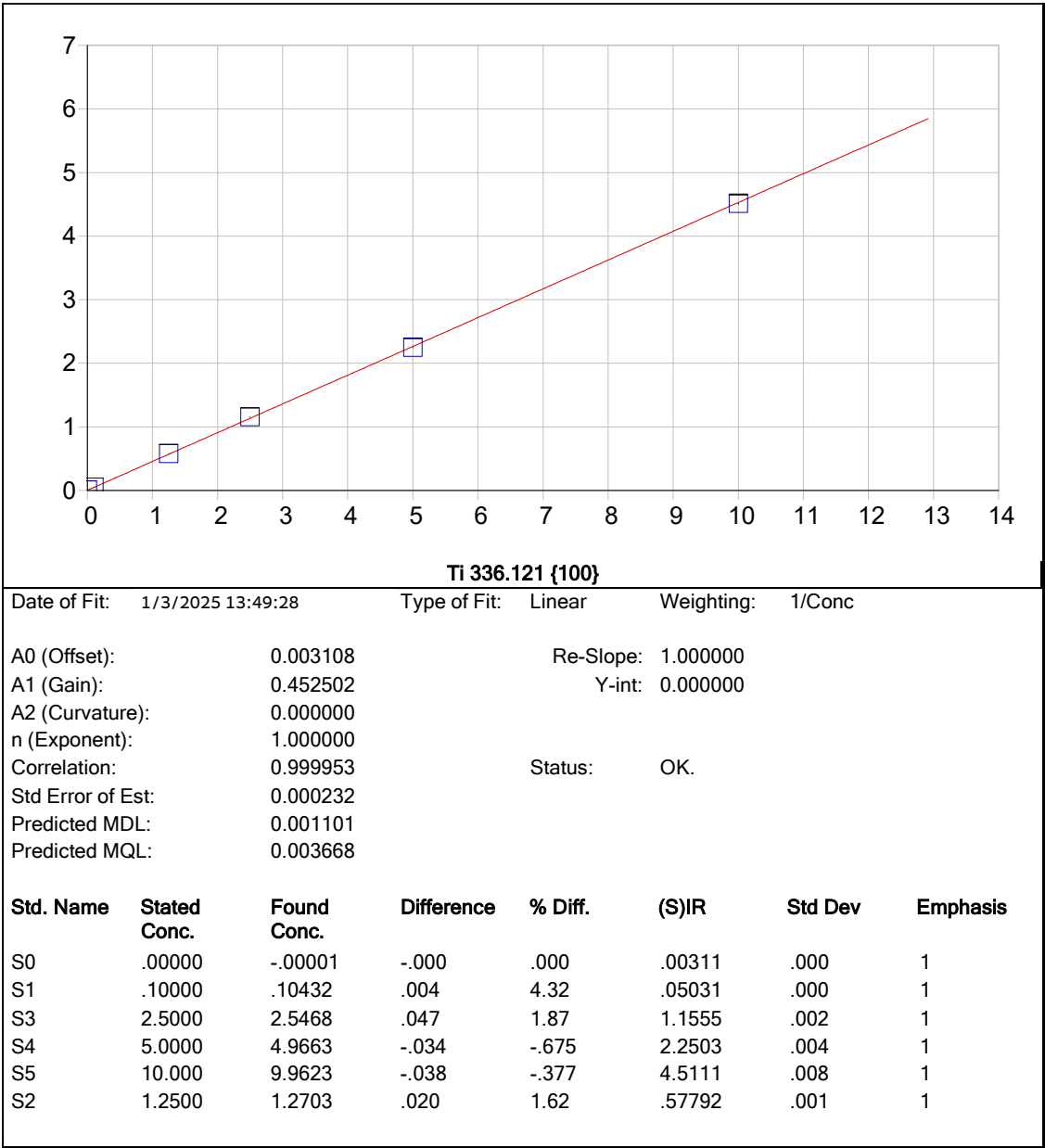
Status: OK.

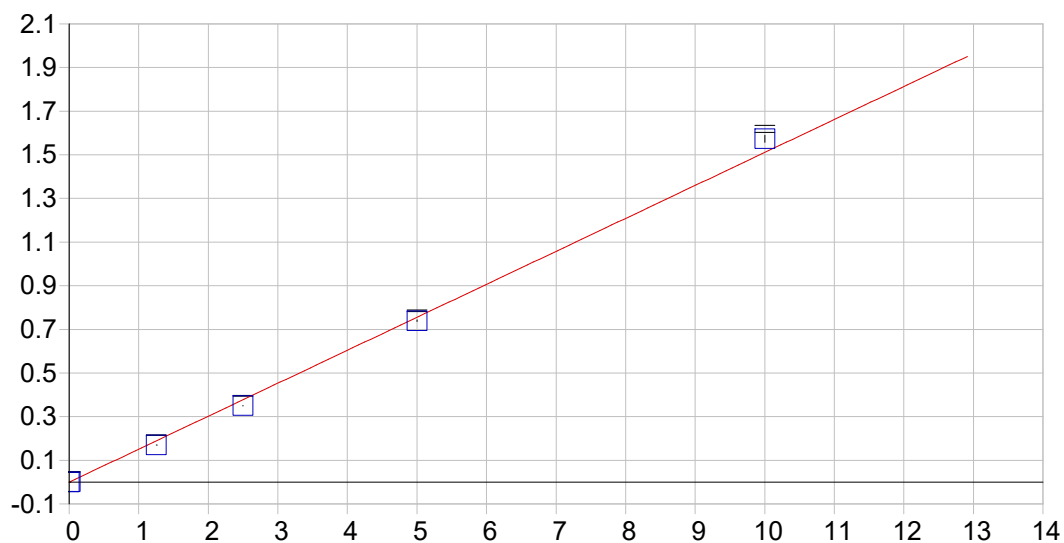
Std Error of Est: 0.000021

Predicted MDL: 0.000964

Predicted MQL: 0.003212

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00239	.000	1
S1	.00700	.00645	-.001	-7.91	.00309	.000	1
S3	2.5000	2.4702	-.030	-1.19	.28566	.001	1
S4	5.0000	5.0705	.070	1.41	.58390	.003	1
S5	10.000	10.007	.007	.073	1.1500	.007	1
S2	1.2500	1.2025	-.047	-3.80	.14028	.000	1





Li 670.784 { 50}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000236

Re-Slope: 1.000000

A1 (Gain): 0.151105

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998738

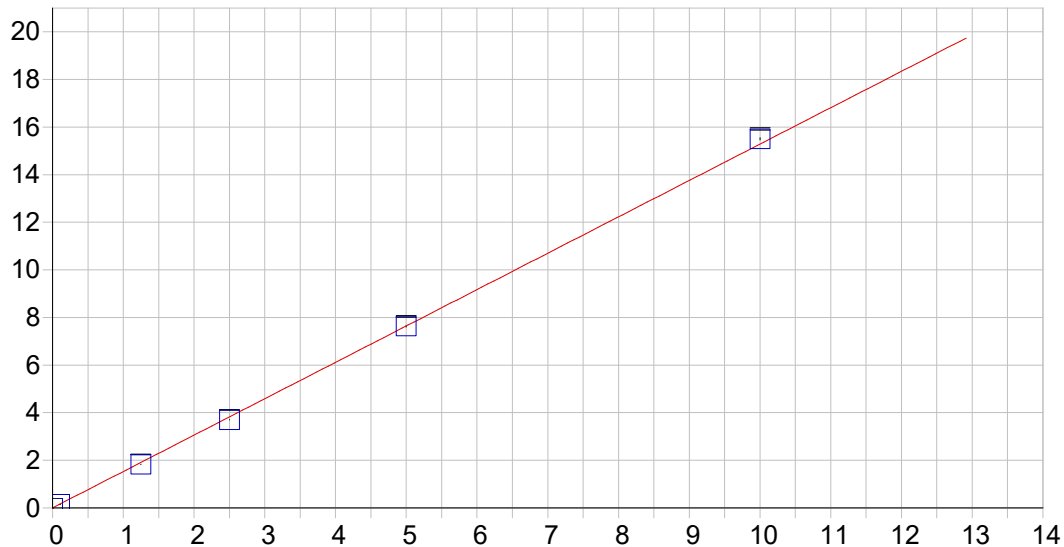
Status: OK.

Std Error of Est: 0.000156

Predicted MDL: 0.001641

Predicted MQL: 0.005469

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00023	.000	1
S5	10.000	10.418	.418	4.18	1.5740	.016	1
S4	5.0000	4.8957	-.104	-2.09	.73952	.004	1
S3	2.5000	2.3184	-.182	-7.26	.35009	.001	1
S1	.01500	.00992	-.005	-33.9	.00126	.000	1
S2	1.2500	1.1231	-.127	-10.2	.16947	.000	1



Sr 407.771 { 83}

Date of Fit: 1/3/2025 13:49:28

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001547

Re-Slope: 1.000000

A1 (Gain): 1.528364

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999804

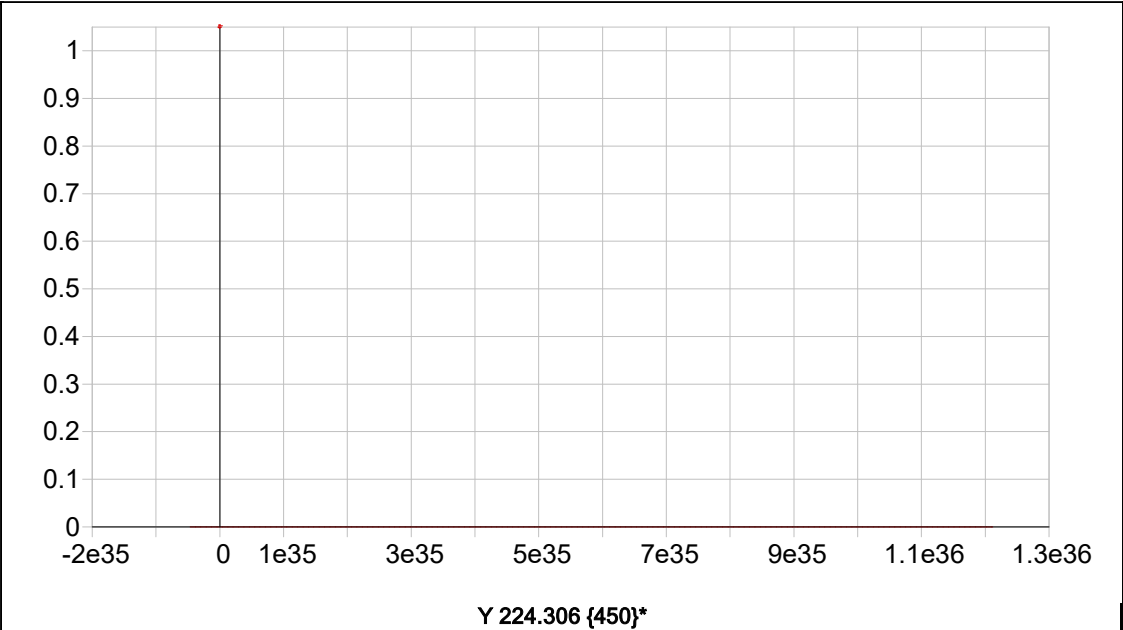
Status: OK.

Std Error of Est: 0.001609

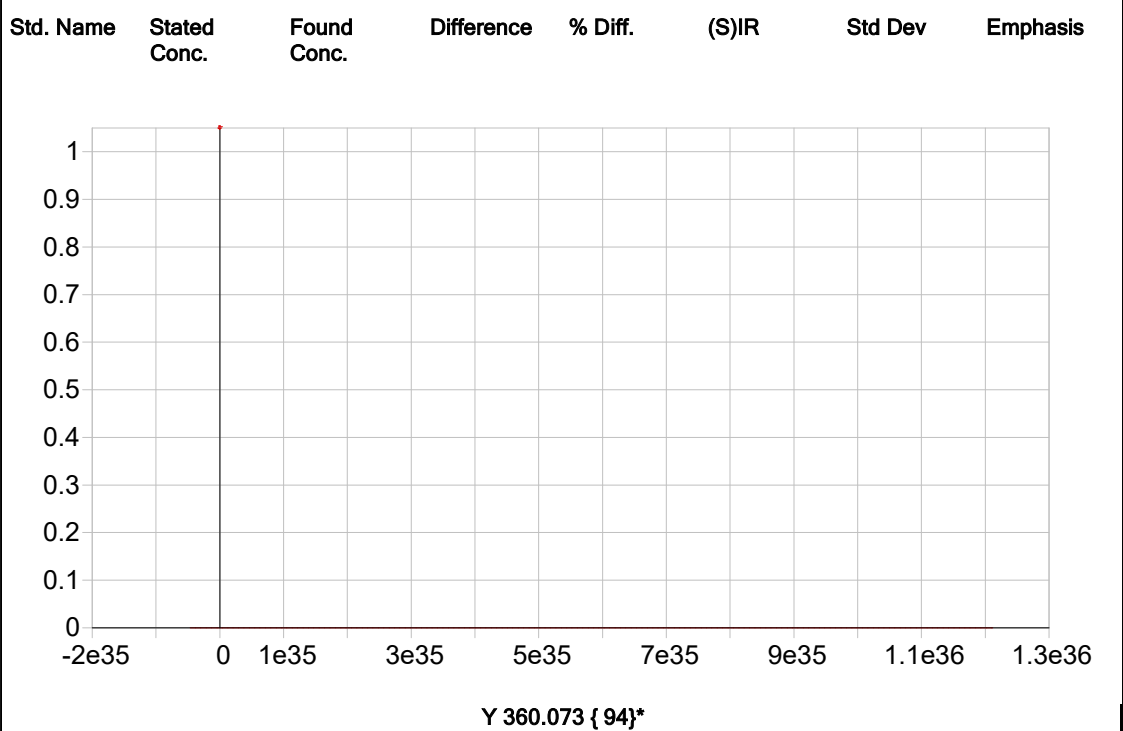
Predicted MDL: 0.000109

Predicted MQL: 0.000365

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00157	.000	1
S1	.10000	.09439	-.006	-5.61	.14581	.000	1
S3	2.5000	2.4224	-.078	-3.10	3.7038	.002	1
S4	5.0000	4.9939	-.006	-.121	7.6341	.036	1
S5	10.000	10.146	.146	1.46	15.508	.048	1
S2	1.2500	1.1936	-.056	-4.51	1.8258	.010	1



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







Y 224.306 {150}*

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



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

Sample Name: S0 Acquired: 1/3/2025 12:59:37 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00002	.00034	.00059	.00043	.00036	.00027	.01024	.00035
Stddev	.00010	.00005	.00017	.00008	.00016	.00010	.00029	.00009
%RSD	412.08	14.218	29.327	19.543	42.696	37.765	2.8716	24.533

#1	.00009	.00039	.00039	.00051	.00019	.00038	.01058	.00037
#2	.00007	.00034	.00071	.00035	.00042	.00019	.01011	.00026
#3	-.00009	.00029	.00066	.00042	.00049	.00024	.01004	.00043

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	.00138	.00064	.00061	.00057	.00380	.00027	.00031	.00013
Stddev	.00035	.00016	.00008	.00008	.00004	.00001	.00002	.00005
%RSD	25.459	25.507	12.818	14.120	1.0057	3.5765	5.4726	41.244

#1	.00099	.00075	.00069	.00050	.00375	.00028	.00033	.00018
#2	.00148	.00071	.00053	.00066	.00383	.00026	.00030	.00008
#3	.00167	.00045	.00061	.00056	.00381	.00026	.00031	.00012

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	.00011	-.00183	-.00831	-.00002	.00878	.01080	-.00187	.00158
Stddev	.00010	.00008	.00118	.00013	.00087	.00024	.00013	.00044
%RSD	86.003	4.5383	14.176	700.60	9.8923	2.1771	7.1826	28.126

#1	.00022	-.00178	-.00722	-.00009	.00961	.01053	-.00196	.00207
#2	.00003	-.00179	-.00815	.00013	.00787	.01095	-.00172	.00119
#3	.00010	-.00193	-.00956	-.00010	.00886	.01091	-.00195	.00148

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	.00100	.00033	.00068	.00239	.00311	-.00023	.00157	
Stddev	.00008	.00006	.00015	.00011	.00007	.00010	.00002	
%RSD	8.0898	17.698	22.596	4.6833	2.1470	41.180	1.3772	

#1	.00091	.00035	.00073	.00227	.00313	-.00013	.00159	
#2	.00103	.00026	.00051	.00248	.00315	-.00025	.00155	
#3	.00106	.00038	.00080	.00241	.00303	-.00032	.00155	

Sample Name: S0 Acquired: 1/3/2025 12:59:37 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.0	52091.	8280.9	1889.1	4289.5
Stddev	6.1	83.	52.9	9.6	6.5
%RSD	.18936	.15982	.63872	.50743	.15208
#1	3239.0	52103.	8230.8	1878.1	4294.3
#2	3233.4	52002.	8336.2	1893.8	4292.1
#3	3226.7	52167.	8275.9	1895.4	4282.1

Sample Name: S1 Acquired: 1/3/2025 13:03:50 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.00048	.00192	.00119	.00245	.00805	.00236	.09308	.02724
Stddev	.00019	.00007	.00037	.00006	.00030	.00010	.00020	.00022
%RSD	39.788	3.4912	31.225	2.4992	3.7476	4.2862	.20965	.82006

#1	.00028	.00198	.00141	.00244	.00803	.00231	.09287	.02725
#2	.00066	.00193	.00140	.00252	.00775	.00248	.09325	.02701
#3	.00051	.00185	.00076	.00240	.00836	.00230	.09312	.02746

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	.01313	.04607	.00212	.03898	.00759	.00077	.00160	.01341
Stddev	.00010	.00032	.00004	.00036	.00026	.00002	.00003	.00005
%RSD	.77010	.69041	2.0254	.92869	3.3832	2.1887	1.6321	.40390

#1	.01307	.04571	.00211	.03894	.00745	.00077	.00158	.01336
#2	.01306	.04622	.00217	.03864	.00788	.00078	.00163	.01347
#3	.01324	.04629	.00208	.03936	.00743	.00075	.00158	.01342

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	.02236	.00147	.00635	.00659	.11325	.02343	-.00148	.00144
Stddev	.00016	.00014	.00070	.00030	.00097	.00025	.00007	.00044
%RSD	.72780	9.3659	10.989	4.5381	.85773	1.0530	4.8544	30.532

#1	.02250	.00153	.00689	.00633	.11213	.02354	-.00154	.00185
#2	.02218	.00131	.00659	.00654	.11379	.02314	-.00151	.00097
#3	.02240	.00157	.00556	.00692	.11383	.02359	-.00140	.00150

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	.00795	.00262	.01585	.00309	.05031	.00126	.14581	
Stddev	.00019	.00009	.00021	.00008	.00042	.00019	.00011	
%RSD	2.4350	3.3111	1.3171	2.6826	.83588	14.847	.07367	

#1	.00815	.00263	.01595	.00303	.05016	.00148	.14575	
#2	.00776	.00253	.01600	.00306	.04999	.00112	.14594	
#3	.00794	.00270	.01561	.00319	.05079	.00119	.14575	

Sample Name: S1 Acquired: 1/3/2025 13:03:50 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.8	51614.	8221.7	1864.8	4150.7
Stddev	6.4	95.	20.9	11.4	10.8
%RSD	.20318	.18313	.25456	.60988	.25963
#1	3158.8	51661.	8198.2	1863.3	4148.4
#2	3168.0	51675.	8228.4	1876.8	4162.5
#3	3155.6	51505.	8238.5	1854.2	4141.3

Sample Name: S2 Acquired: 1/3/2025 13:08:04 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.07078	.08652	.51062	.07385	.15311	.45157	1.0671	.63691
Stddev	.00027	.00044	.00106	.00043	.00039	.00203	.0053	.00295
%RSD	.38062	.50502	.20781	.57704	.25797	.44941	.49788	.46297

#1	.07065	.08690	.51029	.07395	.15268	.45391	1.0731	.63356
#2	.07060	.08604	.50976	.07338	.15318	.45033	1.0630	.63805
#3	.07109	.08660	.51181	.07422	.15346	.45047	1.0651	.63912

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5763	.56796	.82144	.46904	.59881	.25762	.39396	.16579
Stddev	.0041	.00262	.00173	.00130	.00195	.00118	.00242	.00027
%RSD	.26111	.46163	.21077	.27752	.32534	.45899	.61392	.16460

#1	1.5753	.57081	.82344	.46865	.59728	.25896	.39669	.16606
#2	1.5728	.56566	.82050	.46798	.59816	.25672	.39209	.16578
#3	1.5809	.56741	.82039	.47049	.60101	.25719	.39310	.16552

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	.33589	.09620	.09206	.07258	6.3202	.10881	.05604	.42825
Stddev	.00049	.00016	.00060	.00044	.0096	.00030	.00023	.00187
%RSD	.14628	.16408	.65461	.60284	.15166	.28018	.40998	.43595

#1	.33615	.09633	.09146	.07239	6.3304	.10914	.05594	.42615
#2	.33533	.09603	.09205	.07226	6.3115	.10854	.05588	.42972
#3	.33621	.09624	.09266	.07308	6.3187	.10876	.05631	.42888

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	.89822	.02866	.07813	.14028	.57792	.16947	1.8258	
Stddev	.00494	.00020	.00071	.00029	.00105	.00030	.0103	
%RSD	.55014	.69258	.90272	.20570	.18154	.17843	.56127	

#1	.89517	.02859	.07834	.14032	.57774	.16975	1.8376	
#2	.89558	.02889	.07734	.13997	.57698	.16915	1.8204	
#3	.90393	.02851	.07870	.14054	.57905	.16951	1.8193	

Sample Name: S2 Acquired: 1/3/2025 13:08:04 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3055.0	48274.	8066.8	1773.3	3867.1
Stddev	9.2	52.	41.0	2.6	4.7
%RSD	.29956	.10730	.50807	.14656	.12249
#1	3063.2	48215.	8113.5	1771.2	3871.0
#2	3056.9	48296.	8050.7	1776.2	3868.4
#3	3045.1	48312.	8036.4	1772.4	3861.8

Sample Name: S3 Acquired: 1/3/2025 13:11:55 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.14746	.17335	1.0444	.15125	.31648	.92650	2.1670	1.2780
Stddev	.00051	.00078	.0029	.00054	.00130	.00413	.0085	.0039
%RSD	.34458	.45225	.27505	.35509	.40947	.44557	.39286	.30088

#1	.14779	.17244	1.0435	.15077	.31588	.92706	2.1714	1.2739
#2	.14687	.17387	1.0422	.15116	.31559	.92211	2.1572	1.2816
#3	.14771	.17373	1.0477	.15183	.31797	.93031	2.1725	1.2784

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	3.2177	1.1453	1.6480	.95750	1.1958	.51945	.79287	.33832
Stddev	.0093	.0048	.0025	.00286	.0008	.00174	.00327	.00094
%RSD	.28786	.41585	.15210	.29826	.07063	.33437	.41272	.27890

#1	3.2157	1.1460	1.6476	.95630	1.1968	.51989	.79497	.33821
#2	3.2096	1.1402	1.6456	.95543	1.1954	.51753	.78910	.33744
#3	3.2278	1.1496	1.6506	.96076	1.1953	.52092	.79455	.33932

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	.68486	.19749	.19149	.14574	12.764	.21552	.11899	.85995
Stddev	.00306	.00014	.00084	.00030	.095	.00055	.00036	.00589
%RSD	.44675	.07071	.43753	.20419	.74131	.25382	.30530	.68529

#1	.68421	.19760	.19194	.14563	12.685	.21531	.11940	.85315
#2	.68218	.19734	.19201	.14552	12.737	.21511	.11870	.86341
#3	.68820	.19755	.19052	.14608	12.869	.21614	.11888	.86330

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	1.8343	.06007	.15659	.28566	1.1555	.35009	3.7038
Stddev	.0043	.00032	.00066	.00078	.0018	.00138	.0019
%RSD	.23637	.53094	.42260	.27362	.15914	.39445	.05123

#1	1.8318	.05979	.15734	.28516	1.1559	.35064	3.7051
#2	1.8318	.06002	.15609	.28526	1.1535	.34852	3.7048
#3	1.8393	.06042	.15634	.28656	1.1572	.35111	3.7017

Sample Name: S3 Acquired: 1/3/2025 13:11:55 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.7	47360.	7997.9	1711.1	3671.9
Stddev	4.9	87.	10.8	12.0	5.1
%RSD	.16704	.18279	.13499	.70363	.14001
#1	2930.0	47324.	8009.3	1719.7	3674.1
#2	2931.1	47458.	7987.8	1716.2	3675.6
#3	2922.1	47296.	7996.5	1697.3	3666.1

Sample Name: S4 Acquired: 1/3/2025 13:15:49 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.31432	.34554	2.1367	.31976	.66500	1.9733	4.4192	2.4948
Stddev	.00258	.00316	.0098	.00256	.00443	.0080	.0394	.0076
%RSD	.82186	.91583	.45716	.80188	.66648	.40619	.89225	.30279

#1	.31455	.34537	2.1300	.31879	.66409	1.9646	4.3737	2.5035
#2	.31164	.34246	2.1321	.31783	.66108	1.9752	4.4411	2.4907
#3	.31679	.34878	2.1479	.32267	.66981	1.9802	4.4428	2.4902

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	6.4876	2.3820	3.2883	1.9373	2.3274	1.0757	1.6271	.71260
Stddev	.0359	.0121	.0045	.0103	.0041	.0051	.0084	.00410
%RSD	.55349	.51003	.13551	.53049	.17532	.47371	.51550	.57497

#1	6.4643	2.3683	3.2832	1.9298	2.3235	1.0703	1.6174	.70817
#2	6.4695	2.3861	3.2906	1.9329	2.3271	1.0763	1.6315	.71337
#3	6.5289	2.3915	3.2912	1.9490	2.3316	1.0805	1.6324	.71625

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	1.3808	.40985	.37599	.28612	24.945	.44600	.25275	1.6384
Stddev	.0077	.00046	.00174	.00092	.059	.00227	.00099	.0030
%RSD	.56038	.11199	.46372	.32005	.23805	.50902	.39216	.18265

#1	1.3770	.41038	.37409	.28520	24.972	.44356	.25254	1.6418
#2	1.3758	.40954	.37635	.28703	24.986	.44639	.25187	1.6361
#3	1.3898	.40963	.37752	.28615	24.877	.44805	.25382	1.6374

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	3.7339	.12919	.30632	.58390	2.2503	.73952	7.6341	
Stddev	.0205	.00112	.00061	.00302	.0043	.00423	.0358	
%RSD	.54944	.86669	.19864	.51637	.19245	.57257	.46884	

#1	3.7255	.12873	.30577	.58255	2.2482	.73479	7.6036	
#2	3.7188	.12837	.30621	.58179	2.2475	.74082	7.6735	
#3	3.7572	.13047	.30697	.58735	2.2553	.74295	7.6252	

Sample Name: S4 Acquired: 1/3/2025 13:15:49 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.5	44679.	8009.2	1575.0	3369.5
Stddev	2.3	172.	8.8	3.3	4.0
%RSD	.08430	.38386	.10983	.21119	.11973
#1	2690.6	44875.	8012.6	1578.6	3373.5
#2	2691.1	44604.	8015.7	1572.1	3369.4
#3	2686.9	44557.	7999.2	1574.4	3365.4

Sample Name: S5 Acquired: 1/3/2025 13:19:51 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.65610	.66479	4.2429	.65454	1.4070	4.1735	9.2245	4.9992
Stddev	.00310	.00320	.0250	.00506	.0073	.0344	.0709	.0420
%RSD	.47202	.48197	.58967	.77289	.51516	.82319	.76841	.83905

#1	.65468	.66218	4.2309	.65173	1.4027	4.1814	9.2710	4.9908
#2	.65396	.66383	4.2262	.65150	1.4030	4.1358	9.1429	5.0447
#3	.65965	.66837	4.2717	.66038	1.4154	4.2032	9.2596	4.9621

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	12.752	4.8637	6.5032	3.8647	4.7570	2.1881	3.3103	1.4861
Stddev	.069	.0208	.0550	.0253	.0156	.0167	.0292	.0106
%RSD	.54117	.42832	.84567	.65568	.32743	.76405	.88287	.71256

#1	12.723	4.8793	6.5526	3.8537	4.7737	2.1931	3.3219	1.4889
#2	12.702	4.8401	6.4439	3.8467	4.7429	2.1694	3.2771	1.4744
#3	12.831	4.8719	6.5131	3.8936	4.7543	2.2017	3.3321	1.4951

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7270	.85960	.77181	.57539	46.909	.94198	.49507	3.1797
Stddev	.0157	.00182	.00146	.00145	.212	.00880	.00221	.0296
%RSD	.57725	.21224	.18887	.25114	.45122	.93395	.44567	.93131

#1	2.7219	.85922	.77291	.57691	46.722	.94298	.49384	3.1785
#2	2.7145	.86159	.77016	.57404	47.139	.93273	.49376	3.2098
#3	2.7447	.85800	.77237	.57520	46.867	.95024	.49762	3.1506

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	7.9021	.25709	.61899	1.1500	4.5111	1.5740	15.508	
Stddev	.0371	.00154	.00133	.0067	.0084	.0160	.048	
%RSD	.46937	.59745	.21410	.58563	.18625	1.0191	.31262	

#1	7.8784	.25654	.62050	1.1474	4.5203	1.5795	15.539	
#2	7.8830	.25591	.61804	1.1450	4.5039	1.5559	15.452	
#3	7.9449	.25883	.61843	1.1577	4.5090	1.5865	15.532	

Sample Name: S5 Acquired: 1/3/2025 13:19:51 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.6	42757.	7865.3	1447.6	3231.5
Stddev	9.4	124.	51.5	6.8	14.5
%RSD	.37689	.29009	.65526	.46852	.44907
#1	2490.3	42684.	7856.0	1455.4	3237.2
#2	2489.7	42901.	7819.1	1443.7	3242.3
#3	2473.8	42687.	7920.9	1443.7	3215.0

Sample Name: S6 Acquired: 1/3/2025 13:24:09 Type: Cal
Method: EPA SFAM01.0(v26) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	11.136	7.9595	5.8550	2.4510	2.1378
Stddev	.041	.0255	.0295	.0092	.0093
%RSD	.36747	.32045	.50406	.37669	.43469

#1	11.100	7.9366	5.8225	2.4411	2.1379
#2	11.181	7.9870	5.8621	2.4594	2.1284
#3	11.128	7.9550	5.8802	2.4525	2.1470

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	40792.	7827.9
Stddev	108.	32.2
%RSD	.26461	.41106

#1	40878.	7793.8
#2	40671.	7857.8
#3	40828.	7832.0

Sample Name: ICV001 Acquired: 1/3/2025 14:16:39 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9197393	1.064832	.9939861	.9587691	.9576405	2.398989
Stddev	.0058586	.007188	.0057352	.0074266	.0054858	.013601
%RSD	.6369857	.6750489	.5769869	.7745968	.5728498	.5669443

#1	.9194021	1.064874	.9892506	.9609528	.9576623	2.383324
#2	.9140566	1.057624	.9923446	.9504955	.9521437	2.405851
#3	.9257593	1.072000	1.000363	.9648590	.9631154	2.407791

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5137538	.5135200	.5002129	9.258880	.5468320	.4993539
Stddev	.0028347	.0015816	.0027866	.034705	.0017691	.0033650
%RSD	.5517558	.3079887	.5570819	.3748273	.3235211	.6738709

#1	.5120578	.5131019	.4982763	9.220685	.5448150	.4968835
#2	.5121774	.5152686	.4989557	9.267475	.5481206	.4979917
#3	.5170263	.5121895	.5034066	9.288479	.5475605	.5031864

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4681618	9.585178	.4856277	5.950956	.5107543	.2342498
Stddev	.0017106	.059722	.0016404	.041098	.0035246	.0003522
%RSD	.3653787	.6230664	.3377910	.6906094	.6900870	.1503668

#1	.4662241	9.519265	.4838447	5.933706	.5078328	.2338595
#2	.4694621	9.600573	.4859653	5.921294	.5097611	.2345441
#3	.4687993	9.635695	.4870730	5.997868	.5146690	.2343457

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18478	.5168320	1.063293	9.635171	F 4.391286	4.781646
Stddev	.16456	.0023850	.007140	.117969	.021014	.022796
%RSD	1.615739	.4614725	.6714936	1.224361	.4785387	.4767452

#1	10.34280	.5169978	1.067979	9.507976	4.384201	4.779016
#2	10.19717	.5191299	1.066824	9.656546	4.374730	4.805643
#3	10.01438	.5143684	1.055075	9.740992	4.414927	4.760279

Sample Name: ICV001 Acquired: 1/3/2025 14:16:39 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.540986	4.624474	5.034788	4.648229	4.862511	4.863976
Stddev	.024497	.023881	.022127	.026868	.016617	.023636
%RSD	.5394543	.5163977	.4394880	.5780194	.3417441	.4859490
#1	4.525686	4.612551	5.010074	4.630195	4.844005	4.839942
#2	4.528033	4.608903	5.041533	4.635383	4.876156	4.864790
#3	4.569240	4.651968	5.052759	4.679108	4.867371	4.887194

Elem	Sr4077
Units	ppm
Avg	4.649887
Stddev	.009103
%RSD	.1957728
#1	4.648600
#2	4.641496
#3	4.659565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.144	50633.63	8369.696	1816.068	4189.933
Stddev	5.018	133.08	41.527	4.162	9.035
%RSD	.1559619	.2628230	.4961609	.2291917	.2156350
#1	3219.909	50727.74	8379.047	1817.256	4195.632
#2	3220.171	50481.37	8324.291	1811.441	4194.652
#3	3211.353	50691.76	8405.750	1819.508	4179.516

Sample Name: ICB001 Acquired: 1/3/2025 14:20:36 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000534	-.002049	-.008715	-.001703	.0008848	-.016274
Stddev	.000875	.000654	.005007	.002947	.0015596	.005782
%RSD	163.6946	31.92033	57.45788	173.0134	176.2664	35.52864

#1	-.000950	-.002600	-.008983	-.002061	.0022403	-.011631
#2	-.001123	-.002220	-.013582	-.004455	.0012338	-.022751
#3	.000471	-.001326	-.003579	.001406	-.000820	-.014441

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000833	.0000181	-.000519	-.050074	-.002845	-.000816
Stddev	.000683	.0000277	.000007	.002840	.000327	.000055
%RSD	81.95537	152.6503	1.294697	5.671176	11.50105	6.753840

#1	-.001132	.0000500	-.000513	-.051730	-.002541	-.000775
#2	-.000052	.0000050	-.000518	-.051697	-.002802	-.000795
#3	-.001316	-.000000	-.000526	-.046795	-.003191	-.000879

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002190	-.029644	-.003113	-.065386	-.000852	-.000140
Stddev	.002463	.003419	.000160	.009860	.000262	.000158
%RSD	112.4876	11.53482	5.144974	15.07955	30.74557	113.1197

#1	-.004611	-.027935	-.003084	-.063894	-.000575	-.000194
#2	-.002272	-.027417	-.002969	-.075907	-.001095	-.000264
#3	.000313	-.033581	-.003286	-.056357	-.000886	.000038

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5077054	.0021614	-.003988	-.205323	-.001795	F .0107544
Stddev	.1842150	.0017050	.000098	.064644	.000307	.0011598
%RSD	36.28383	78.88631	2.452203	31.48412	17.11415	10.78417

#1	.3577625	.0002893	-.003883	-.130715	-.001454	.0120341
#2	.4520130	.0036252	-.004075	-.244661	-.002050	.0104563
#3	.7133405	.0025696	-.004008	-.240593	-.001882	.0097727

Sample Name: ICB001 Acquired: 1/3/2025 14:20:36 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001610	-.000405	.0031320	-.002478	-.000155	-.000588
Stddev	.0002969	.001767	.0024296	.000305	.000483	.000652
%RSD	184.3659	436.4437	77.57171	12.29561	310.8470	110.9659

#1	.0004908	-.001194	.0059313	-.002624	-.000025	.000117
#2	.0000772	-.001640	.0018929	-.002683	.000249	-.001170
#3	-.000085	.001619	.0015718	-.002128	-.000690	-.000710

Elem	Sr4077
Units	ppm
Avg	-.000579
Stddev	.000243
%RSD	41.99444

#1	-.000312
#2	-.000637
#3	-.000788

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3209.458	52663.57	8358.739	1869.594	4278.702
Stddev	11.609	230.48	5.552	4.325	18.914
%RSD	.3617167	.4376466	.0664244	.2313192	.4420616

#1	3216.233	52456.56	8363.786	1871.300	4293.870
#2	3216.088	52911.93	8359.640	1872.806	4284.728
#3	3196.053	52622.23	8352.792	1864.677	4257.509

Sample Name: CCV001 Acquired: 1/3/2025 14:25:09 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.017194	5.001693	25.08158	5.028847	5.005351	390.7115	10.19596
Stddev	.023339	.046839	.09806	.045276	.037312	1.3153	.03115
%RSD	.4651875	.9364602	.3909535	.9003346	.7454468	.3366386	.3055597

#1	4.998792	4.968413	24.99826	4.993838	4.982621	389.7527	10.22991
#2	5.009343	4.981412	25.05686	5.012725	4.985020	390.1708	10.16868
#3	5.043446	5.055254	25.18964	5.079978	5.048413	392.2109	10.18929

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4971969	2.528983	398.1217	15.44929	2.529256	15.04408	396.1863
Stddev	.0035640	.008158	1.7616	.01199	.008284	.07131	2.1720
%RSD	.7168254	.3225975	.4424730	.0776121	.3275380	.4739854	.5482228

#1	.4999980	2.523118	396.3218	15.44931	2.523736	15.10641	393.8697
#2	.4984074	2.525531	398.2010	15.43729	2.525251	15.05952	396.5126
#3	.4931853	2.538300	399.8423	15.46127	2.538782	14.96632	398.1767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16012	394.6147	2.532520	1.274072	401.5887	2.490459	15.58738
Stddev	.04410	1.6219	.010299	.001092	2.1539	.006632	.02270
%RSD	.2909165	.4110024	.4066787	.0857045	.5363352	.2662908	.1456584

#1	15.12282	392.8703	2.525793	1.274632	403.1142	2.494404	15.59270
#2	15.14873	394.8965	2.527390	1.272814	402.5271	2.494171	15.56249
#3	15.20880	396.0771	2.544377	1.274771	399.1249	2.482803	15.60696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.8785	5.194683	5.162426	4.866687	5.273788	5.027051	5.091952
Stddev	1.0288	.006603	.010479	.030938	.022367	.018762	.021981
%RSD	.6642485	.1271143	.2029843	.6357112	.4241182	.3732161	.4316896

#1	153.7063	5.192124	5.171005	4.843387	5.266328	5.042363	5.078713
#2	155.2980	5.189742	5.165526	4.854886	5.256104	5.032668	5.079817
#3	155.6313	5.202183	5.150747	4.901789	5.298932	5.006122	5.117326

Sample Name: CCV001 Acquired: 1/3/2025 14:25:09 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: CCV001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.988214	5.139867	5.101215
Stddev	.015239	.018286	.026683
%RSD	.3055021	.3557680	.5230689

#1	4.990981	5.122443	5.128854
#2	5.001880	5.138251	5.099188
#3	4.971781	5.158907	5.075604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.302	43908.30	7991.053	1548.710	3242.764
Stddev	8.987	44.92	48.437	3.257	5.712
%RSD	.3415235	.1023044	.6061411	.2103345	.1761379

#1	2639.838	43960.03	7957.001	1550.618	3248.500
#2	2632.144	43879.12	7969.654	1550.564	3242.714
#3	2621.924	43885.76	8046.504	1544.949	3237.077

Sample Name: CCB001 Acquired: 1/3/2025 14:32:06 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001213	-.001659	-.003438	-.003148	.0014922	-.001439
Stddev	.002109	.001666	.001554	.002466	.0006720	.009332
%RSD	173.9596	100.4208	45.19496	78.34500	45.03802	648.3261

#1	-.000845	-.002432	-.002723	-.005465	.0019861	.006570
#2	-.003482	-.002797	-.002371	-.003424	.0007269	.000800
#3	.000689	.000253	-.005221	-.000555	.0017635	-.011688

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002056	-.000002	-.000561	-.027520	-.002691	-.000804
Stddev	.000723	.000016	.000088	.005457	.000186	.000384
%RSD	35.14213	782.6958	15.72548	19.83003	6.909859	47.74724

#1	-.001857	.000007	-.000517	-.021310	-.002626	-.000881
#2	-.002858	-.000021	-.000504	-.031550	-.002900	-.001144
#3	-.001455	.000007	-.000663	-.029701	-.002546	-.000387

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002887	-.008098	-.001958	-.017319	-.000600	.0001078
Stddev	.004031	.016255	.000417	.016224	.000177	.0003063
%RSD	139.6103	200.7283	21.27747	93.67901	29.54025	284.0730

#1	.001491	.006410	-.001730	.000535	-.000789	-.000244
#2	-.003710	-.005038	-.001706	-.021329	-.000572	.000256
#3	-.006444	-.025665	-.002439	-.031161	-.000438	.000312

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8508236	.0019114	-.003596	-.075685	-.002160	F .0142461
Stddev	.2989104	.0010815	.000191	.004193	.001860	.0010132
%RSD	35.13189	56.58193	5.307971	5.539815	86.10991	7.112382

#1	.7039017	.0007030	-.003698	-.080198	-.001802	.0151790
#2	1.194762	.0022427	-.003376	-.074944	-.004173	.0143911
#3	.653807	.0027885	-.003715	-.071912	-.000505	.0131681

Sample Name: CCB001 Acquired: 1/3/2025 14:32:06 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000355	-.001824	-.002837	-.001931	-.000242	-.001855
Stddev	.000048	.001418	.002128	.000149	.000831	.000617
%RSD	13.59784	77.74300	74.98979	7.726690	343.8103	33.26628

#1	-.000394	-.002335	-.003014	-.001836	-.001120	-.002567
#2	-.000369	-.000221	-.000627	-.002103	-.000140	-.001491
#3	-.000301	-.002917	-.004872	-.001855	.000534	-.001507

Elem	Sr4077
Units	ppm
Avg	-.000670
Stddev	.000045
%RSD	6.718358

#1	-.000618
#2	-.000695
#3	-.000697

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.251	51488.62	8176.071	1873.762	4257.713
Stddev	10.373	74.65	35.930	6.754	10.001
%RSD	.3246296	.1449813	.4394523	.3604330	.2348856

#1	3197.938	51402.46	8140.229	1866.035	4265.427
#2	3204.017	51533.98	8175.897	1876.714	4261.298
#3	3183.800	51529.41	8212.088	1878.538	4246.414

Sample Name: CA 450PPM Acquired: 1/3/2025 14:36:15 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002594	-.003701	-.001030	-.005910	.0006524	-.065558	-.000466
Stddev	.002389	.001851	.001784	.000628	.0009252	.010112	.000579
%RSD	92.07427	50.02189	173.3114	10.63010	141.8244	15.42461	124.2933
#1	-.005083	-.001785	.001029	-.006579	-.000376	-.064136	.000128
#2	-.000320	-.005480	-.002134	-.005820	.000916	-.076306	-.001029
#3	-.002381	-.003837	-.001983	-.005332	.001417	-.056232	-.000496
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000172	-.000505	445.9423	-.002794	-.001087	-.001968	-.008597
Stddev	.000039	.000040	.9559	.000102	.000179	.000585	.001276
%RSD	22.64352	7.993240	.2143533	3.656902	16.44071	29.72777	14.84421
#1	-.000147	-.000461	446.6268	-.002709	-.001152	-.002498	-.009070
#2	-.000152	-.000539	446.3498	-.002765	-.001224	-.002066	-.007151
#3	-.000217	-.000516	444.8501	-.002907	-.000885	-.001340	-.009568
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001319	-.040600	-.000749	-.000596	-.594985	.0031228	-.001803
Stddev	.000241	.030276	.000357	.000489	.617525	.0017090	.000901
%RSD	18.26933	74.57128	47.66398	81.98762	103.7883	54.72654	49.96012
#1	-.001542	-.026845	-.000807	-.000868	.012067	.0013728	-.002781
#2	-.001352	-.075312	-.000367	-.000032	-.574546	.0047875	-.001619
#3	-.001063	-.019644	-.001074	-.000889	-1.22248	.0032079	-.001008
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.68499	-.003984	.0067594	-.000064	.0028910	-.005085	-.022855
Stddev	.01993	.002853	.0010697	.000183	.0018460	.002666	.000615
%RSD	.5407716	71.60937	15.82564	283.6736	63.85515	52.43146	2.692205
#1	-3.68020	-.004390	.0079275	-.000260	.0007600	-.007771	-.023562
#2	-3.70688	-.006611	.0058276	.000102	.0039116	-.005044	-.022569
#3	-3.66790	-.000949	.0065231	-.000035	.0040014	-.002439	-.022435

Sample Name: CA 450PPM Acquired: 1/3/2025 14:36:15 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.012352	.0002608	.0014801
Stddev	.002080	.0012686	.0000413
%RSD	16.83967	486.4863	2.788684

#1	-.010879	.0016111	.0015272
#2	-.014732	-.000906	.0014631
#3	-.011447	.000077	.0014501

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.030	48507.33	8117.277	1779.026	3811.208
Stddev	8.286	112.30	17.161	1.810	4.066
%RSD	.2750129	.2315093	.2114175	.1017319	.1066758

#1	3012.335	48382.36	8097.461	1777.294	3807.429
#2	3021.641	48599.77	8127.220	1780.905	3815.510
#3	3005.112	48539.88	8127.150	1778.878	3810.684

Sample Name: AL 250PPM Acquired: 1/3/2025 14:40:32 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016863	-.000849	-.027727	.0024030	-.001825	211.8673	.0023747
Stddev	.0006046	.000998	.001817	.0035258	.001904	.5815	.0007038
%RSD	35.85455	117.5392	6.553974	146.7248	104.3340	.2744768	29.63583
#1	.0021801	-.001957	-.029774	.0062697	-.001176	211.3431	.0015626
#2	.0018669	-.000571	-.026305	-.000634	-.003969	212.4928	.0028073
#3	.0010120	-.000020	-.027101	.001573	-.000330	211.7660	.0027541
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000148	-.001314	.0229296	-.002125	-.000918	-.004103	-.017371
Stddev	.000071	.000076	.0057638	.000140	.000128	.000292	.007778
%RSD	48.26999	5.820021	25.13680	6.580600	13.96478	7.115685	44.77864
#1	-.000201	-.001245	.0166100	-.002096	-.000772	-.004433	-.025562
#2	-.000067	-.001396	.0278972	-.002277	-.001010	-.003878	-.016466
#3	-.000177	-.001301	.0242815	-.002002	-.000972	-.003998	-.010084
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001507	-.042989	-.000660	-.000462	.6116682	.0039980	-.002254
Stddev	.000050	.010619	.000480	.000282	.4155593	.0008873	.001209
%RSD	3.342449	24.70071	72.75023	60.94135	67.93868	22.19354	53.65361
#1	-.001516	-.031756	-.000120	-.000640	.1319487	.0033741	-.001887
#2	-.001552	-.052863	-.001038	-.000137	.8419661	.0036061	-.001271
#3	-.001452	-.044349	-.000822	-.000609	.8610899	.0050138	-.003604
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.74273	.0005488	.0045374	-.000722	.0052353	-.003164	-.017496
Stddev	.06582	.0013972	.0004673	.000203	.0040728	.002752	.001274
%RSD	1.758656	254.5991	10.29791	28.16504	77.79365	87.00219	7.281764
#1	-3.81453	.0013125	.0049390	-.000688	.0099281	-.002527	-.017760
#2	-3.72845	.0013978	.0040246	-.000538	.0031544	-.000785	-.018618
#3	-3.68523	-.001064	.0046488	-.000940	.0026234	-.006179	-.016111

Sample Name: AL 250PPM Acquired: 1/3/2025 14:40:32 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000405	-.006202	-.000983
Stddev	.000522	.000605	.000046
%RSD	128.7233	9.753881	4.707499

#1	-.000226	-.005705	-.000981
#2	.000003	-.006025	-.000937
#3	-.000993	-.006876	-.001030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.026	50683.91	8507.299	1879.592	4155.806
Stddev	4.079	98.34	42.885	3.039	2.102
%RSD	.1268697	.1940246	.5040937	.1616774	.0505866

#1	3218.754	50574.76	8468.189	1879.068	4153.832
#2	3210.669	50711.40	8553.158	1876.850	4155.569
#3	3215.655	50765.58	8500.549	1882.860	4158.017

Sample Name: K 450PPM Acquired: 1/3/2025 14:44:41 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003686	-.001291	-.008534	-.001503	.0002693	-.019128	.0039418
Stddev	.002265	.000801	.003002	.002370	.0008386	.003303	.0006584
%RSD	61.45305	62.01599	35.17776	157.7410	311.4304	17.27027	16.70280

#1	-.003763	-.000914	-.008108	-.001141	-.000627	-.015475	.0043390
#2	-.005911	-.002210	-.005768	.000666	.000401	-.020003	.0031818
#3	-.001383	-.000748	-.011727	-.004033	.001034	-.021905	.0043045

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000131	-.000507	-.051758	-.002614	-.001126	-.002981	-.008990
Stddev	.000088	.000072	.011354	.000265	.000093	.002372	.005559
%RSD	66.95355	14.18935	21.93618	10.12884	8.233719	79.55733	61.82913

#1	-.000153	-.000433	-.064711	-.002801	-.001216	-.003644	-.014124
#2	-.000035	-.000512	-.047034	-.002311	-.001131	-.000349	-.003087
#3	-.000206	-.000577	-.043529	-.002729	-.001031	-.004951	-.009761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001942	-.040293	-.000677	-.000215	.3165537	-.000608	-.002432
Stddev	.000255	.017139	.000355	.000204	.2158044	.001044	.000535
%RSD	13.12735	42.53632	52.42178	94.81860	68.17306	171.7939	21.97619

#1	-.002023	-.044484	-.000686	-.000359	.4586831	.000210	-.002054
#2	-.002147	-.054949	-.001027	.000018	.4227486	-.000249	-.002199
#3	-.001656	-.021448	-.000318	-.000303	.0682295	-.001783	-.003044

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	420.5712	-.003195	.0034695	-.001106	-.001336	-.006393	-.018844
Stddev	1.9118	.000573	.0004537	.000233	.002846	.002955	.000203
%RSD	.4545797	17.94099	13.07687	21.04407	212.9648	46.22930	1.076719

#1	422.3997	-.002668	.0030103	-.001335	-.001188	-.003044	-.019010
#2	420.7283	-.003111	.0039175	-.000869	-.004254	-.007500	-.018905
#3	418.5857	-.003805	.0034807	-.001114	.001433	-.008635	-.018618

Sample Name: K 450PPM Acquired: 1/3/2025 14:44:41 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000078	-.005652	-.001051
Stddev	.000641	.000884	.000065
%RSD	821.4661	15.63926	6.148780

#1	.000257	-.006620	-.001122
#2	-.000817	-.004888	-.001035
#3	.000325	-.005448	-.000996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.876	49491.43	8225.149	1799.319	3945.313
Stddev	2.982	66.71	43.677	7.465	2.829
%RSD	.0949846	.1347830	.5310141	.4148876	.0717154

#1	3142.065	49456.73	8261.604	1790.846	3948.578
#2	3141.085	49568.33	8237.103	1804.927	3943.567
#3	3136.479	49449.23	8176.740	1802.184	3943.795

Sample Name: MG 500PPM Acquired: 1/3/2025 14:48:51 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024233	-.001340	-.002991	.0000459	-.001103	-.011087	.0045211
Stddev	.0014560	.000900	.003341	.0005671	.000809	.008982	.0012808
%RSD	60.08227	67.15518	111.7034	1235.504	73.37368	81.01713	28.32916

#1	.0039924	-.000950	-.000815	.0006755	-.001940	-.021395	.0057580
#2	.0021616	-.002369	-.006838	-.000425	-.000325	-.006928	.0032005
#3	.0011159	-.000701	-.001321	-.000113	-.001044	-.004938	.0046049

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	-.000482	.0093166	-.002649	-.000707	-.003075	-.013013
Stddev	.000032	.000027	.0107956	.000405	.000287	.002743	.001615
%RSD	50.00254	5.662564	115.8742	15.28313	40.60264	89.19387	12.41070

#1	-.000030	-.000459	.0037910	-.002473	-.000973	-.002048	-.014873
#2	-.000094	-.000512	.0217565	-.002363	-.000746	-.006183	-.012198
#3	-.000067	-.000475	.0024024	-.003113	-.000402	-.000994	-.011967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000287	471.1587	.0018489	.0001863	1.111739	.0019880	.0157995
Stddev	.000110	1.7870	.0002155	.0004198	.470907	.0009258	.0008396
%RSD	38.48193	.3792769	11.65499	225.4055	42.35768	46.57248	5.313973

#1	-.000371	472.9828	.0020731	.0002628	.589873	.0015645	.0158089
#2	-.000162	471.0820	.0018302	-.000267	1.504940	.0030498	.0149553
#3	-.000327	469.4112	.0016433	.000563	1.240405	.0013496	.0166344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.82100	.0043620	.0023280	-.001327	.0003304	-.007247	-.019737
Stddev	.07661	.0010972	.0006421	.000103	.0025199	.003052	.000527
%RSD	2.005058	25.15238	27.57885	7.743567	762.6135	42.10490	2.671685

#1	-3.84405	.0036881	.0030690	-.001330	.0028824	-.003808	-.019862
#2	-3.73551	.0037699	.0019366	-.001428	-.002156	-.008305	-.020190
#3	-3.88344	.0056280	.0019786	-.001223	.000265	-.009630	-.019158

Sample Name: MG 500PPM Acquired: 1/3/2025 14:48:51 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001371	-.005314	-.001119
Stddev	.000493	.000464	.000143
%RSD	35.98016	8.724482	12.77624

#1	-.001389	-.005825	-.000956
#2	-.001855	-.004921	-.001222
#3	-.000869	-.005194	-.001181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3115.297	48641.11	8264.743	1755.770	3983.194
Stddev	5.484	52.25	28.289	3.035	10.099
%RSD	.1760312	.1074165	.3422814	.1728448	.2535315

#1	3120.866	48638.34	8287.779	1753.748	3993.647
#2	3115.123	48590.30	8273.281	1754.302	3982.443
#3	3109.902	48694.68	8233.169	1759.259	3973.492

Sample Name: NA 500PPM Acquired: 1/3/2025 14:52:59 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004268	-.003296	-.003975	-.001258	.0001416	-.013902	.0057013
Stddev	.001414	.000472	.003118	.001154	.0015064	.005134	.0008690
%RSD	33.14088	14.31751	78.44820	91.70597	1063.757	36.93297	15.24156

#1	-.005152	-.003462	-.001055	-.000946	.0015404	-.013479	.0059458
#2	-.002637	-.003663	-.007260	-.002535	.0003376	-.019234	.0064218
#3	-.005015	-.002764	-.003611	-.000292	-.001453	-.008992	.0047363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000145	-.000460	-.043159	-.001980	-.000772	-.002817	-.021491
Stddev	.000073	.000026	.002893	.000193	.000311	.001244	.005076
%RSD	50.04195	5.592105	6.702763	9.761678	40.31875	44.15245	23.61832

#1	-.000229	-.000434	-.042986	-.002041	-.000515	-.002577	-.016926
#2	-.000097	-.000485	-.040356	-.002136	-.001118	-.004163	-.026957
#3	-.000110	-.000460	-.046134	-.001764	-.000684	-.001710	-.020591

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001375	-.034761	-.000574	-.000358	464.7914	-.001186	-.002993
Stddev	.000033	.023703	.000472	.000116	1.7736	.002656	.000625
%RSD	2.432177	68.18825	82.17351	32.41572	.3815865	223.9598	20.88435

#1	-.001411	-.061511	-.001108	-.000417	462.9640	.001582	-.002298
#2	-.001345	-.026397	-.000216	-.000224	466.5058	-.001427	-.003508
#3	-.001369	-.016373	-.000398	-.000432	464.9044	-.003713	-.003175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.65351	.0011607	.0015825	-.000873	.0007560	-.004553	-.018834
Stddev	.08508	.0008742	.0009525	.000133	.0004476	.000775	.000633
%RSD	2.328776	75.31770	60.18568	15.22476	59.19630	17.02779	3.362327

#1	-3.56196	.0020851	.0018421	-.000728	.0006643	-.003832	-.018787
#2	-3.73016	.0010494	.0005272	-.000901	.0012423	-.005373	-.019489
#3	-3.66839	.0003474	.0023783	-.000990	.0003615	-.004453	-.018225

Sample Name: NA 500PPM Acquired: 1/3/2025 14:52:59 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000013	-.005186	-.001134
Stddev	.001198	.000961	.000108
%RSD	9037.871	18.52172	9.503933

#1	-.000275	-.004078	-.001179
#2	.001294	-.005701	-.001011
#3	-.001059	-.005780	-.001213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3031.171	47644.43	8333.811	1759.178	3743.705
Stddev	6.109	110.47	55.383	5.017	5.110
%RSD	.2015460	.2318636	.6645624	.2852047	.1365044

#1	3037.710	47767.01	8397.754	1764.966	3746.085
#2	3025.609	47613.71	8302.715	1756.071	3737.839
#3	3030.196	47552.57	8300.965	1756.496	3747.192

Sample Name: FE 450PPM Acquired: 1/3/2025 14:57:09 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001998	.0006358	.0345114	.0006743	.0081304	-.055873	.0049501
Stddev	.0015472	.0010414	.0016579	.0055463	.0009758	.007683	.0006325
%RSD	774.3173	163.7842	4.803779	822.5092	12.00196	13.75092	12.77661

#1	-.000783	.0018240	.0363800	-.003626	.0070785	-.059792	.0056072
#2	.001983	-.000119	.0339370	.006934	.0083066	-.060807	.0043455
#3	-.000601	.000202	.0332171	-.001286	.0090060	-.047021	.0048975

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001317	.0001945	2.453813	-.007102	.0105295	-.000756	449.8037
Stddev	.0001140	.0001100	.019560	.000292	.0004732	.001567	.4590
%RSD	86.53582	56.54435	.7971101	4.109677	4.493760	207.2229	.1020376

#1	.0000425	.0003154	2.455942	-.006803	.0099998	-.000618	449.4783
#2	.0002601	.0001676	2.433276	-.007116	.0106787	.000737	449.6042
#3	.0000925	.0001005	2.472221	-.007386	.0109102	-.002387	450.3287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.130340	.0133985	.0029038	.8539720	-.002640	.0008944
Stddev	.000688	.006408	.0005035	.0002152	.3727026	.002947	.0005107
%RSD	1524.267	4.916659	3.758142	7.410751	43.64343	111.6375	57.10483

#1	-.000008	-.135859	.0132058	.0026587	1.266226	-.005847	.0009063
#2	.000623	-.123312	.0130197	.0029905	.540877	-.002018	.0013990
#3	-.000751	-.131850	.0139699	.0030620	.754813	-.000053	.0003778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.72459	.0133584	.3266732	-.005226	-.021180	-.002089	-.016769
Stddev	.03857	.0002355	.0056195	.000065	.000397	.002878	.000859
%RSD	1.035646	1.762529	1.720219	1.251627	1.874139	137.7516	5.122734

#1	-3.68010	.0132090	.3265090	-.005154	-.021376	.000844	-.016370
#2	-3.74497	.0136298	.3211376	-.005244	-.021440	-.004908	-.016182
#3	-3.74869	.0132364	.3323730	-.005281	-.020723	-.002203	-.017755

Sample Name: FE 450PPM Acquired: 1/3/2025 14:57:09 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000951	-.005721	-.001044
Stddev	.000596	.001296	.000034
%RSD	62.67423	22.66194	3.214374

#1	-.000518	-.005312	-.001005
#2	-.000704	-.004678	-.001063
#3	-.001631	-.007172	-.001063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.059	51722.28	8409.523	1843.286	4183.627
Stddev	7.068	68.62	32.496	8.157	11.087
%RSD	.2231651	.1326792	.3864173	.4425459	.2650070

#1	3162.537	51682.50	8421.766	1833.882	4177.933
#2	3175.204	51682.82	8372.684	1848.446	4196.403
#3	3163.436	51801.52	8434.119	1847.532	4176.543

Sample Name: MN 45PPM Acquired: 1/3/2025 15:01:14 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002247	-.001710	.0009852	.0001943	-.000172	-.019882	.0006728
Stddev	.002806	.002388	.0039144	.0009660	.001079	.003594	.0003855
%RSD	124.8420	139.5985	397.3279	497.1124	628.6220	18.07689	57.28923

#1	-.004407	-.003368	.0050331	-.000702	.001029	-.023300	.0010242
#2	.000924	.001026	.0007028	.001218	-.000482	-.016135	.0007338
#3	-.003259	-.002789	-.002780	.000067	-.001062	-.020212	.0002605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001057	-.000565	.0097568	-.000051	.0008724	.0027129	.1089622
Stddev	.0001299	.000010	.0041366	.000163	.0001693	.0033277	.0057230
%RSD	122.8754	1.703570	42.39678	321.0809	19.40763	122.6650	5.252316

#1	.0000024	-.000557	.0096256	.000058	.0009697	.0023200	.1149285
#2	.0002515	-.000576	.0139573	.000028	.0006769	-.000401	.1035183
#3	.0000631	-.000563	.0056873	-.000238	.0009707	.006220	.1084397

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.87590	-.174122	.0040742	.0050963	.5613216	-.008924	.0017122
Stddev	.31446	.004140	.0000673	.0001158	.2052359	.000797	.0007322
%RSD	.7334090	2.377782	1.650797	2.271792	36.56297	8.934780	42.76550

#1	43.05937	-.170615	.0040244	.0050771	.3340158	-.009732	.0018346
#2	43.05552	-.178689	.0041507	.0049913	.6169159	-.008137	.0009264
#3	42.51280	-.173061	.0040476	.0052204	.7330331	-.008904	.0023754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70133	-.000004	.0028406	-.003195	.0003881	-.000125	-.017752
Stddev	.07550	.001142	.0006977	.000090	.0029276	.002183	.000270
%RSD	2.039720	30856.00	24.56168	2.825232	754.4331	1746.173	1.519921

#1	-3.61750	-.000489	.0021249	-.003126	-.000840	.000949	-.017508
#2	-3.72254	.001301	.0035188	-.003297	-.001726	.001313	-.017708
#3	-3.76395	-.000823	.0028780	-.003162	.003730	-.002637	-.018042

Sample Name: MN 45PPM Acquired: 1/3/2025 15:01:14 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001052	-.003931	-.000990
Stddev	.0004914	.000893	.000068
%RSD	466.9815	22.72287	6.892065

#1	.0006489	-.002969	-.001026
#2	-.000026	-.004089	-.001033
#3	-.000307	-.004734	-.000911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3217.847	53675.64	8277.283	1922.477	4259.416
Stddev	3.824	225.93	29.883	8.975	5.707
%RSD	.1188320	.4209157	.3610275	.4668678	.1339888

#1	3213.682	53862.43	8243.312	1922.776	4254.846
#2	3218.660	53424.52	8289.027	1913.355	4265.813
#3	3221.199	53739.95	8299.511	1931.299	4257.589

Sample Name: CU 50PPM Acquired: 1/3/2025 15:05:32 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002024	-.004591	.0290340	-.002945	.0022651	.0100036	.0020822
Stddev	.003253	.001253	.0013327	.001077	.0009549	.0081272	.0017206
%RSD	160.6987	27.28482	4.590075	36.57405	42.15847	81.24272	82.63461

#1	-.005597	-.004453	.0279947	-.003264	.0032423	.0104635	.0020700
#2	-.001239	-.003413	.0285707	-.001745	.0022191	.0016562	.0003677
#3	.000764	-.005907	.0305365	-.003827	.0013341	.0178910	.0038087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000135	-.000378	-.048138	-.000334	-.000814	48.93336	-.014887
Stddev	.000016	.000006	.013941	.000014	.000102	.19869	.010781
%RSD	11.94807	1.515922	28.96111	4.193057	12.47671	.4060440	72.41802

#1	-.000152	-.000384	-.039375	-.000350	-.000880	49.14633	-.022971
#2	-.000121	-.000378	-.040825	-.000326	-.000697	48.90076	-.002647
#3	-.000132	-.000373	-.064214	-.000326	-.000866	48.75298	-.019043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012719	-.034488	-.000580	.0004582	.6401518	-.000863	-.003151
Stddev	.0003632	.017635	.000313	.0002568	.1280726	.000986	.000628
%RSD	28.55353	51.13215	54.03521	56.05441	20.00660	114.2894	19.92075

#1	.0016123	-.045045	-.000302	.0003521	.7755954	-.000495	-.003783
#2	.0013138	-.044289	-.000920	.0002714	.5210115	-.000114	-.003144
#3	.0008896	-.014130	-.000518	.0007511	.6238486	-.001980	-.002527

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70722	.0012650	-.000232	-.000827	-.002930	-.008502	-.021028
Stddev	.07838	.0023611	.000344	.000173	.001921	.002618	.000482
%RSD	2.114322	186.6480	148.1505	20.86369	65.56728	30.78996	2.292884

#1	-3.62821	.0004316	-.000022	-.000642	-.001280	-.005715	-.021458
#2	-3.78496	-.000566	-.000628	-.000984	-.005039	-.008880	-.021120
#3	-3.70849	.003930	-.000045	-.000855	-.002472	-.010909	-.020507

Sample Name: CU 50PPM Acquired: 1/3/2025 15:05:32 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000431	-.005170	-.001060
Stddev	.000249	.001269	.000055
%RSD	57.87302	24.53751	5.170886

#1	-.000378	-.006095	-.001090
#2	-.000703	-.005691	-.001094
#3	-.000212	-.003724	-.000997

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3261.814	53313.97	8374.071	1910.865	4493.209
Stddev	8.903	136.26	16.914	4.257	12.100
%RSD	.2729599	.2555832	.2019760	.2228028	.2693038

#1	3253.616	53156.63	8390.041	1906.601	4484.255
#2	3271.286	53391.89	8356.350	1910.879	4506.975
#3	3260.541	53393.39	8375.822	1915.116	4488.398

Sample Name: ZN 35PPM Acquired: 1/3/2025 15:09:41 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008598	-.003002	-.005323	-.002339	-.000446	-.020171	.0025489
Stddev	.001554	.001054	.001564	.000214	.000806	.004017	.0002703
%RSD	18.06962	35.11246	29.38228	9.169111	180.5191	19.91272	10.60595

#1	-.009919	-.002593	-.003517	-.002580	.000400	-.024805	.0028309
#2	-.006886	-.002213	-.006204	-.002266	-.000535	-.018029	.0025238
#3	-.008989	-.004199	-.006248	-.002170	-.001204	-.017680	.0022920

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	-.000907	-.054336	-.001511	-.000609	.0004372	-.023960
Stddev	.000085	.000057	.004481	.000016	.000065	.0014268	.006485
%RSD	68.65324	6.304751	8.247041	1.090938	10.66565	326.2972	27.06403

#1	-.000221	-.000883	-.055005	-.001528	-.000669	.0019957	-.024680
#2	-.000088	-.000972	-.058444	-.001495	-.000540	-.000805	-.017146
#3	-.000063	-.000865	-.049557	-.001510	-.000617	.000121	-.030055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001117	-.050366	-.000497	-.000076	.5874910	-.000143	35.00713
Stddev	.000294	.012596	.000513	.000284	.3357398	.001481	.03328
%RSD	26.32995	25.00873	103.2265	373.2566	57.14807	1032.732	.0950744

#1	-.000781	-.063580	-.000772	-.000062	.8849276	.001288	35.03729
#2	-.001245	-.049023	.000095	-.000366	.2234362	-.001670	34.97143
#3	-.001327	-.038496	-.000813	.000200	.6541092	-.000048	35.01268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.74630	-.002495	-.000096	-.008815	-.006162	.0009442	-.018273
Stddev	.06276	.000814	.000818	.000187	.002583	.0039089	.000334
%RSD	1.675136	32.62414	854.9022	2.118834	41.91992	413.9941	1.828327

#1	-3.81473	-.001968	-.000777	-.008686	-.007327	.0051269	-.017894
#2	-3.69143	-.003433	.000811	-.008731	-.003201	.0003217	-.018526
#3	-3.73273	-.002085	-.000321	-.009029	-.007957	-.002616	-.018399

Sample Name: ZN 35PPM Acquired: 1/3/2025 15:09:41 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000495	-.004452	-.001041
Stddev	.000050	.000834	.000021
%RSD	10.06631	18.73618	2.062012

#1	-.000491	-.003669	-.001050
#2	-.000546	-.005329	-.001057
#3	-.000447	-.004356	-.001017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.350	53140.13	8404.509	1903.191	4307.066
Stddev	11.360	161.40	7.940	3.645	17.697
%RSD	.3528625	.3037270	.0944713	.1915311	.4108821

#1	3218.409	53174.17	8411.857	1907.346	4303.476
#2	3231.151	52964.42	8396.087	1901.699	4326.283
#3	3208.490	53281.79	8405.583	1900.529	4291.439

Sample Name: MO 50PPM Acquired: 1/3/2025 15:13:57 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000320	.0119340	.0716700	.0075711	-.006103	.0014580	.0023511
Stddev	.003182	.0027839	.0007760	.0010557	.001694	.0155565	.0013806
%RSD	993.3561	23.32703	1.082770	13.94368	27.75666	1067.001	58.72277

#1	.000246	.0127618	.0707884	.0068241	-.007971	-.005072	.0014931
#2	-.003747	.0142101	.0722499	.0087788	-.005669	.019215	.0039437
#3	.002540	.0088302	.0719715	.0071103	-.004667	-.009770	.0016164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002340	-.001185	-.074031	-.004335	-.066230	.0794492	-.031038
Stddev	.0001697	.000030	.006557	.000211	.000071	.0008027	.002357
%RSD	72.53975	2.504867	8.856865	4.856203	.1078647	1.010381	7.593708

#1	.0000419	-.001151	-.071623	-.004521	-.066244	.0800600	-.033047
#2	.0003635	-.001206	-.081452	-.004106	-.066294	.0785400	-.028443
#3	.0002965	-.001197	-.069019	-.004378	-.066153	.0797477	-.031624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003322	-.172744	.0019100	-.003526	.7016047	.0408945	-.000734
Stddev	.000260	.009146	.0003275	.000248	.0559947	.0048755	.000714
%RSD	7.814760	5.294371	17.14894	7.028986	7.980943	11.92206	97.32605

#1	-.003389	-.173917	.0016638	-.003251	.6417863	.0352826	-.000000
#2	-.003542	-.181246	.0017844	-.003594	.7527676	.0433128	-.001428
#3	-.003036	-.163068	.0022817	-.003732	.7102602	.0440880	-.000774

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.66913	.0051566	.0204277	44.42684	-.000858	.0020340	-.018917
Stddev	.05242	.0019192	.0007763	.15018	.005214	.0045057	.000978
%RSD	1.428712	37.21786	3.800264	.3380480	607.4322	221.5204	5.172435

#1	-3.64505	.0029489	.0210096	44.41332	-.002213	.0005948	-.018762
#2	-3.63308	.0060934	.0207272	44.28387	.004899	-.001576	-.018026
#3	-3.72926	.0064275	.0195462	44.58332	-.005261	.007084	-.019964

Sample Name: MO 50PPM Acquired: 1/3/2025 15:13:57 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003431	-.004709	-.001024
Stddev	.0007392	.002335	.000066
%RSD	215.4261	49.58585	6.466778

#1	-.000469	-.002031	-.001099
#2	.000523	-.006321	-.000976
#3	.000976	-.005775	-.000996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3228.205	53852.30	8408.828	1816.794	4272.376
Stddev	6.249	127.93	64.840	.793	7.758
%RSD	.1935708	.2375492	.7710908	.0436340	.1815909

#1	3229.965	53871.38	8364.940	1817.030	4268.269
#2	3233.385	53969.62	8483.303	1815.911	4281.325
#3	3221.265	53715.91	8378.240	1817.443	4267.535

Sample Name: SR 50PPM Acquired: 1/3/2025 15:18:03 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002119	-.002419	-.006918	-.002610	-.000477	-.018541	.0073903
Stddev	.002718	.001252	.001308	.002299	.001210	.005204	.0004412
%RSD	128.2911	51.75502	18.90668	88.08375	253.4710	28.06898	5.970127

#1	.000162	-.000981	-.005411	-.005125	.000390	-.017983	.0075170
#2	-.001391	-.003008	-.007761	-.000618	-.001859	-.013639	.0068995
#3	-.005127	-.003268	-.007581	-.002086	.000037	-.024002	.0077542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000186	-.000541	-.048521	-.002647	-.000807	-.001809	-.020738
Stddev	.000102	.000035	.009209	.000160	.000105	.002017	.003660
%RSD	54.72639	6.446519	18.97898	6.049518	13.00778	111.5251	17.65035

#1	-.000159	-.000515	-.059028	-.002464	-.000720	.000511	-.024609
#2	-.000298	-.000527	-.041852	-.002712	-.000778	-.003152	-.020271
#3	-.000100	-.000581	-.044684	-.002763	-.000924	-.002784	-.017334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001379	-.048075	.0025780	-.000172	.5165831	-.000917	.0145054
Stddev	.000244	.007688	.0001189	.000074	.1765650	.001369	.0006160
%RSD	17.67857	15.99235	4.611318	42.91269	34.17941	149.2120	4.246396

#1	-.001467	-.044350	.0025271	-.000256	.6792744	.000533	.0138127
#2	-.001565	-.042958	.0024930	-.000139	.3288238	-.001099	.0149913
#3	-.001103	-.056916	.0027138	-.000119	.5416510	-.002186	.0147123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.72308	.0014370	-.000168	.0017691	-.004193	-.004830	-.018499
Stddev	.02584	.0016860	.000678	.0002958	.001991	.000869	.001170
%RSD	.6940756	117.3241	403.4153	16.71891	47.47955	17.99520	6.323777

#1	-3.73620	.0031555	-.000934	.0020242	-.002167	-.003901	-.019749
#2	-3.73972	-.000214	.000354	.0018383	-.006147	-.005624	-.017431
#3	-3.69331	.001370	.000076	.0014449	-.004265	-.004965	-.018318

Sample Name: SR 50PPM Acquired: 1/3/2025 15:18:03 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000734	-.002509	^ *****
Stddev	.000406	.001727	-----
%RSD	55.22777	68.83915	-----

#1	-.000733	-.000609	^ -----
#2	-.001140	-.002935	^ -----
#3	-.000329	-.003983	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.089	52618.78	8373.855	1871.115	4360.413
Stddev	46.263	117.21	13.230	7.578	62.482
%RSD	1.432690	.2227487	.1579911	.4050007	1.432947

#1	3274.332	52492.78	8380.817	1862.892	4426.369
#2	3231.064	52638.99	8382.151	1872.636	4352.761
#3	3181.870	52724.57	8358.598	1877.818	4302.109

Sample Name: TI 50PPM Acquired: 1/3/2025 15:22:16 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001198	.0024770	.0444886	-.004850	-.008228	-.025066	.0030940
Stddev	.001323	.0004562	.0032333	.001713	.000822	.007288	.0007380
%RSD	110.4621	18.41517	7.267665	35.31603	9.993532	29.07637	23.85426

#1	.000327	.0029993	.0412783	-.005733	-.007413	-.033312	.0034397
#2	-.002037	.0022750	.0477444	-.005941	-.008214	-.019490	.0022465
#3	-.001883	.0021568	.0444432	-.002876	-.009057	-.022394	.0035958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	-.000538	-.048340	-.000460	-.000395	-.004149	-.028493
Stddev	.000039	.000060	.005390	.000155	.000295	.004976	.004086
%RSD	33.01545	11.21299	11.14930	33.71087	74.77328	119.9267	14.33889

#1	-.000150	-.000582	-.046053	-.000299	-.000074	-.009000	-.033206
#2	-.000130	-.000563	-.044471	-.000608	-.000655	.000942	-.026316
#3	-.000074	-.000469	-.054496	-.000474	-.000454	-.004389	-.025957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001398	-.097767	-.000681	-.001893	.4049512	-.002334	-.003723
Stddev	.000154	.027299	.000051	.000419	.2636950	.003124	.000294
%RSD	11.04649	27.92211	7.551924	22.14319	65.11772	133.8748	7.907777

#1	-.001501	-.108853	-.000628	-.002017	.3985747	-.000768	-.003408
#2	-.001473	-.117779	-.000731	-.002236	.6717766	-.000302	-.003991
#3	-.001221	-.066670	-.000685	-.001426	.1445023	-.005931	-.003772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.71594	-.002169	.0069942	-.000264	-.001169	.0265070	.0005478
Stddev	.02889	.000811	.0002416	.000032	.002184	.0029300	.0005236
%RSD	.7773597	37.37977	3.453731	11.96069	186.7798	11.05359	95.57621

#1	-3.69606	-.002898	.0072523	-.000231	-.003297	.0232225	.0003651
#2	-3.70268	-.001296	.0069570	-.000293	-.001279	.0288519	.0001400
#3	-3.74907	-.002313	.0067735	-.000270	.001068	.0274466	.0011382

Sample Name: TI 50PPM Acquired: 1/3/2025 15:22:16 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	48.30303	-.003956	-.000333
Stddev	.16171	.000666	.000084
%RSD	.3347901	16.83666	25.38780

#1	48.16204	-.003750	-.000265
#2	48.47956	-.003418	-.000427
#3	48.26748	-.004701	-.000305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.597	53471.11	8398.704	1885.883	4239.671
Stddev	4.979	81.84	14.469	7.136	1.609
%RSD	.1559500	.1530610	.1722755	.3783821	.0379574

#1	3193.092	53526.85	8414.752	1893.277	4239.761
#2	3197.310	53377.15	8386.656	1879.038	4241.233
#3	3187.390	53509.33	8394.705	1885.333	4238.018

Sample Name: BE 10PPM Acquired: 1/3/2025 15:26:26 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001058	-.003982	-.006316	.0005668	-.000370	.0019184	.0005257
Stddev	.001637	.002022	.001994	.0001800	.001055	.0053511	.0001634
%RSD	154.7132	50.78596	31.56797	31.74613	285.0961	278.9423	31.07412

#1	-.000881	-.006315	-.008597	.0006911	.000756	-.003547	.0006251
#2	-.002777	-.002915	-.004906	.0006489	-.000530	.002154	.0003372
#3	.000483	-.002717	-.005445	.0003605	-.001336	.007148	.0006150

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.638677	-.000446	-.050984	-.002264	-.000914	-.002784	-.022969
Stddev	.075030	.000036	.012118	.000466	.000237	.001214	.002392
%RSD	.7784267	8.130415	23.76779	20.57260	25.89360	43.60009	10.41476

#1	9.575554	-.000488	-.048814	-.002801	-.000841	-.003939	-.022159
#2	9.618846	-.000426	-.064041	-.002007	-.000723	-.001519	-.025661
#3	9.721630	-.000425	-.040098	-.001983	-.001179	-.002894	-.021087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001058	-.064659	-.001527	-.000223	.6160109	.0011969	-.001552
Stddev	.000244	.005924	.000322	.000292	.4973211	.0021009	.000349
%RSD	23.04865	9.162405	21.06057	130.9217	80.73251	175.5249	22.46445

#1	-.000924	-.058444	-.001581	-.000477	1.127366	-.001227	-.001594
#2	-.001339	-.065290	-.001819	-.000287	.134025	.002502	-.001878
#3	-.000911	-.070243	-.001182	.000096	.586642	.002315	-.001184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.76957	.0242025	-.002161	-.000887	.8375766	-.002873	-.018577
Stddev	.08028	.0006121	.000851	.000198	.0022567	.000969	.000474
%RSD	2.129656	2.529073	39.39966	22.27193	.2694323	33.73368	2.551964

#1	-3.80721	.0249035	-.001347	-.000754	.8378237	-.001837	-.018488
#2	-3.67738	.0237737	-.003045	-.001115	.8396995	-.003024	-.019089
#3	-3.82411	.0239303	-.002091	-.000793	.8352064	-.003758	-.018153

Sample Name: BE 10PPM Acquired: 1/3/2025 15:26:26 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021647	-.003292	.0006395
Stddev	.0007757	.000305	.0001395
%RSD	35.83409	9.255528	21.81577

#1	.0022452	-.003028	.0006950
#2	.0028969	-.003625	.0007426
#3	.0013518	-.003222	.0004807

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.923	53886.05	8409.353	1941.849	4271.664
Stddev	13.895	152.90	52.931	10.266	22.663
%RSD	.4323355	.2837470	.6294293	.5286802	.5305384

#1	3228.505	53992.52	8470.395	1941.068	4292.266
#2	3212.429	53710.85	8381.490	1931.996	4275.337
#3	3200.836	53954.79	8376.173	1952.483	4247.389

Sample Name: CD 10PPM Acquired: 1/3/2025 15:30:43 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001559	-.002791	-.000188	-.000243	.0010075	-.020224	-.001430
Stddev	.001533	.000915	.004789	.001351	.0014948	.007755	.000745
%RSD	98.34399	32.76995	2552.536	556.4593	148.3711	38.34804	52.04565

#1	-.002007	-.002885	.002978	.000998	.0012334	-.027691	-.002289
#2	.000148	-.001834	-.005697	-.000045	-.000587	-.012209	-.001035
#3	-.002819	-.003656	.002157	-.001682	.002377	-.020771	-.000967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001612	9.053183	-.059566	-.002645	-.001868	-.005163	-.027618
Stddev	.0001048	.017318	.006489	.000352	.000202	.002756	.002627
%RSD	65.05239	.1912870	10.89323	13.31975	10.81994	53.37864	9.512928

#1	.0002819	9.037321	-.055342	-.002378	-.001761	-.002041	-.024724
#2	.0000931	9.050569	-.067037	-.003045	-.001743	-.007260	-.028274
#3	.0001085	9.071659	-.056319	-.002513	-.002102	-.006187	-.029854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001508	-.048408	-.000908	.0000426	.5590533	.0031612	-.001763
Stddev	.000248	.007755	.000066	.0002413	.4406239	.0016140	.000602
%RSD	16.43193	16.01988	7.263943	566.3068	78.81609	51.05427	34.17109

#1	-.001764	-.047195	-.000835	-.000143	1.032179	.0028404	-.002404
#2	-.001492	-.056698	-.000964	.000315	.484550	.0049115	-.001209
#3	-.001269	-.041332	-.000925	-.000044	.160431	.0017318	-.001674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.72997	-.000873	-.001134	-.000539	-.002579	-.007067	-.019077
Stddev	.03755	.000335	.000689	.000313	.001547	.001944	.000422
%RSD	1.006579	38.31856	60.80482	57.97863	60.00001	27.51192	2.214530

#1	-3.75124	-.001194	-.000985	-.000474	-.001486	-.005080	-.019466
#2	-3.68662	-.000527	-.001885	-.000264	-.001901	-.007155	-.019137
#3	-3.75205	-.000899	-.000531	-.000879	-.004349	-.008966	-.018628

Sample Name: CD 10PPM Acquired: 1/3/2025 15:30:43 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000616	-.003572	-.001037
Stddev	.000931	.000529	.000041
%RSD	151.1224	14.80640	3.945766

#1	.000452	-.003538	-.001025
#2	-.001252	-.003061	-.001004
#3	-.001048	-.004117	-.001083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.673	54021.01	8229.211	1937.399	4350.273
Stddev	1.614	54.02	48.083	5.590	2.817
%RSD	.0498215	.1000003	.5842982	.2885524	.0647578

#1	3236.883	53992.27	8181.918	1941.801	4350.661
#2	3239.119	54083.33	8278.047	1939.286	4347.282
#3	3240.016	53987.43	8227.667	1931.109	4352.876

Sample Name: AS 40PPM Acquired: 1/3/2025 15:34:51 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.99770	-.002473	-.001427	-.000965	.0005122	-.022072	.0015407
Stddev	.10526	.001384	.001400	.000920	.0008419	.009617	.0004352
%RSD	.2567413	55.96389	98.11608	95.32279	164.3894	43.57012	28.24712

#1	40.87652	-.000914	-.000373	-.000907	.0008611	-.032930	.0017992
#2	41.06639	-.002948	-.003015	-.001914	-.000448	-.014628	.0017847
#3	41.05019	-.003558	-.000892	-.000076	.001124	-.018657	.0010382

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000655	-.059847	-.001386	-.000750	-.002610	-.022049
Stddev	.000077	.000019	.007651	.000095	.000182	.002434	.000429
%RSD	555.5458	2.944200	12.78509	6.874968	24.21909	93.26049	1.945132

#1	-.000097	-.000633	-.060025	-.001300	-.000820	-.003189	-.022518
#2	.000055	-.000665	-.067407	-.001488	-.000544	.000061	-.021676
#3	.000001	-.000667	-.052108	-.001369	-.000886	-.004703	-.021953

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001063	-.060801	-.000626	.0000891	.5822536	.0022931	-.002044
Stddev	.000256	.012351	.000094	.0003299	.2433657	.0010875	.000462
%RSD	24.10278	20.31342	14.96194	370.2040	41.79720	47.42574	22.60703

#1	-.000828	-.069026	-.000518	.0004700	.3194850	.0021642	-.002449
#2	-.001026	-.066777	-.000684	-.000095	.6273745	.0012758	-.002143
#3	-.001337	-.046598	-.000677	-.000107	.7999013	.0034393	-.001541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.74673	-.004670	-.001444	-.000725	-.003892	-.005231	-.018928
Stddev	.01018	.000618	.000329	.000078	.001886	.001837	.000223
%RSD	.2716163	13.23750	22.81906	10.72705	48.45414	35.11597	1.178283

#1	-3.75702	-.004842	-.001167	-.000700	-.005798	-.004033	-.018671
#2	-3.74649	-.003984	-.001808	-.000813	-.002027	-.007346	-.019035
#3	-3.73667	-.005183	-.001357	-.000663	-.003851	-.004314	-.019077

Sample Name: AS 40PPM Acquired: 1/3/2025 15:34:51 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000723	-.004264	-.000998
Stddev	.000797	.001037	.000040
%RSD	110.3282	24.30813	4.031289

#1	-.001054	-.003488	-.001040
#2	.000187	-.005441	-.000995
#3	-.001301	-.003864	-.000959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.643	52437.10	8301.350	1885.438	4237.107
Stddev	7.529	197.34	44.713	6.832	3.426
%RSD	.2377576	.3763353	.5386208	.3623353	.0808557

#1	3175.334	52377.00	8315.316	1884.281	4239.219
#2	3162.486	52657.51	8337.413	1892.774	4238.947
#3	3162.110	52276.81	8251.321	1879.259	4233.154

Sample Name: SE 40PPM Acquired: 1/3/2025 15:38:59 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001282	-.003248	-.003746	38.50088	.0009016	-.020357	.0022156
Stddev	.001414	.001601	.001186	.11604	.0005656	.002288	.0010380
%RSD	110.3588	49.29061	31.65906	.3013968	62.72850	11.24107	46.84880

#1	.000169	-.001760	-.002462	38.40980	.0006209	-.017767	.0010340
#2	-.002656	-.004942	-.003977	38.46131	.0005313	-.022108	.0029805
#3	-.001357	-.003043	-.004800	38.63153	.0015526	-.021195	.0026324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	-.000590	-.054555	-.002049	-.000788	-.003633	-.026196
Stddev	.000015	.000010	.002534	.000126	.000224	.001571	.003995
%RSD	47.76405	1.722272	4.644440	6.129889	28.43729	43.24185	15.25208

#1	-.000015	-.000601	-.051635	-.002192	-.000539	-.001894	-.029538
#2	-.000039	-.000590	-.055860	-.001957	-.000852	-.004058	-.021771
#3	-.000043	-.000580	-.056170	-.001997	-.000973	-.004949	-.027280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000944	-.042570	-.000405	.0002061	.6150230	.0027561	-.002419
Stddev	.000214	.003345	.000416	.0004898	.2601614	.0026394	.000260
%RSD	22.65821	7.857888	102.8205	237.6427	42.30108	95.76394	10.76514

#1	-.001139	-.044388	-.000860	.0002651	.6121126	.0057001	-.002158
#2	-.000715	-.044611	-.000045	.0006638	.8766274	.0006013	-.002420
#3	-.000978	-.038709	-.000308	-.000311	.3563290	.0019670	-.002679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.67816	.0013197	-.001241	-.001051	.0000201	-.005305	-.019090
Stddev	.06256	.0002300	.000627	.000286	.0020376	.003781	.001487
%RSD	1.700752	17.42552	50.53156	27.17580	10127.25	71.27289	7.791040

#1	-3.63408	.0013103	-.001558	-.001099	.0016473	-.001390	-.020559
#2	-3.74976	.0010946	-.000519	-.001309	-.002265	-.005590	-.017585
#3	-3.65063	.0015543	-.001647	-.000744	.000678	-.008936	-.019125

Sample Name: SE 40PPM Acquired: 1/3/2025 15:38:59 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001534	-.003257	-.001041
Stddev	.000762	.000608	.000082
%RSD	49.67500	18.67226	7.839143

#1	-.002395	-.003744	-.000959
#2	-.000943	-.003451	-.001041
#3	-.001266	-.002575	-.001122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3306.164	53650.36	8420.504	1911.944	4488.833
Stddev	8.840	117.76	40.026	11.182	9.794
%RSD	.2673705	.2194943	.4753446	.5848586	.2181808

#1	3313.857	53525.48	8375.874	1910.219	4498.203
#2	3308.128	53666.20	8453.222	1901.724	4489.631
#3	3296.508	53759.40	8432.418	1923.888	4478.664

Sample Name: TL 50PPM Acquired: 1/3/2025 15:43:08 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000575	46.28509	-.005390	.0011706	-.001000	-.020801	.0032703
Stddev	.000081	.27986	.001836	.0009448	.000300	.008078	.0003201
%RSD	14.05476	.6046369	34.05765	80.70689	29.97469	38.83323	9.787779

#1	-.000663	46.55083	-.003490	.0012091	-.000909	-.011510	.0029854
#2	-.000558	45.99298	-.007154	.0002072	-.000756	-.026163	.0032088
#3	-.000504	46.31146	-.005524	.0020956	-.001334	-.024730	.0036167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	-.000563	-.062710	-.002243	-.000809	-.002566	-.024505
Stddev	.000021	.000061	.006382	.000251	.000062	.002172	.002809
%RSD	13.26563	10.82667	10.17761	11.19516	7.688242	84.64670	11.46209

#1	-.000164	-.000493	-.055492	-.002509	-.000862	-.003745	-.027384
#2	-.000132	-.000603	-.067605	-.002210	-.000824	-.000059	-.021772
#3	-.000171	-.000592	-.065035	-.002010	-.000741	-.003893	-.024359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001441	-.061673	.0193518	.0004041	.5077695	.0000481	-.003100
Stddev	.000249	.007404	.0002324	.0002186	.0780987	.0017677	.000591
%RSD	17.25834	12.00557	1.200855	54.10372	15.38074	3679.015	19.06800

#1	-.001729	-.060706	.0190948	.0004314	.4351234	-.001586	-.003476
#2	-.001304	-.054800	.0195472	.0001731	.5903669	.001924	-.002419
#3	-.001291	-.069513	.0194134	.0006078	.4978182	-.000194	-.003406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.67846	-.001344	-.002589	-.001155	-.001305	-.003981	-.018921
Stddev	.06395	.001954	.000515	.000102	.001148	.002947	.001032
%RSD	1.738591	145.4082	19.89291	8.834958	88.00019	74.02300	5.453507

#1	-3.61102	-.003402	-.003169	-.001273	-.002590	-.003860	-.019376
#2	-3.73823	-.001116	-.002414	-.001098	-.000942	-.006986	-.017740
#3	-3.68614	.000486	-.002184	-.001094	-.000382	-.001096	-.019647

Sample Name: TL 50PPM Acquired: 1/3/2025 15:43:08 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000942	-.004442	-.001059
Stddev	.000832	.000745	.000088
%RSD	88.37614	16.77109	8.326362

#1	-.001677	-.004677	-.000968
#2	-.000038	-.003608	-.001144
#3	-.001109	-.005042	-.001064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3179.575	52641.59	8378.088	1886.861	4236.289
Stddev	8.697	36.75	10.602	6.531	7.546
%RSD	.2735119	.0698081	.1265412	.3461187	.1781341

#1	3184.817	52649.79	8383.715	1889.526	4240.595
#2	3184.371	52673.55	8365.859	1891.637	4240.696
#3	3169.536	52601.44	8384.690	1879.419	4227.575

Sample Name: PB 50PPM Acquired: 1/3/2025 15:47:15 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007428	-.001282	47.49044	-.003405	-.000885	-.023342	.0024803
Stddev	.0008196	.001266	.05338	.001535	.001505	.002974	.0000835
%RSD	110.3431	98.75153	.1124030	45.06304	170.1085	12.74201	3.366113

#1	-.000185	-.002624	47.44273	-.005171	-.001050	-.020045	.0024770
#2	.001369	-.001116	47.48049	-.002398	-.002301	-.025822	.0023985
#3	.001044	-.000107	47.54809	-.002646	.000696	-.024160	.0025654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000089	-.000521	-.054679	-.002311	-.000708	-.004539	-.026317
Stddev	.000029	.000037	.007415	.000051	.000179	.002933	.000865
%RSD	32.50888	7.027449	13.56007	2.190984	25.29071	64.61829	3.287141

#1	-.000056	-.000531	-.062160	-.002252	-.000569	-.006216	-.027175
#2	-.000102	-.000552	-.047333	-.002341	-.000646	-.001152	-.026331
#3	-.000108	-.000481	-.054545	-.002339	-.000910	-.006249	-.025445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001395	-.054692	-.001033	.0000275	1.010043	.0031955	-.002972
Stddev	.000207	.010232	.000623	.0001779	.270696	.0017285	.000354
%RSD	14.81521	18.70873	60.25826	646.7442	26.80045	54.09286	11.89856

#1	-.001627	-.062201	-.000390	-.000150	.817298	.0049930	-.003333
#2	-.001324	-.043037	-.001634	.000026	.893312	.0030482	-.002955
#3	-.001233	-.058836	-.001076	.000206	1.319520	.0015454	-.002627

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.73309	-.002333	-.001795	-.001001	.0023079	-.005093	-.019344
Stddev	.00857	.000814	.000048	.000090	.0005170	.000791	.000300
%RSD	.2295580	34.88451	2.655065	9.038157	22.39974	15.54086	1.551805

#1	-3.73867	-.002343	-.001759	-.001104	.0020919	-.004792	-.019685
#2	-3.73739	-.001515	-.001776	-.000969	.0028978	-.004496	-.019225
#3	-3.72323	-.003143	-.001849	-.000932	.0019340	-.005991	-.019121

Sample Name: PB 50PPM Acquired: 1/3/2025 15:47:15 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001019	-.003550	-.001050
Stddev	.000613	.001261	.000032
%RSD	60.16768	35.53252	3.090247

#1	-.000549	-.002537	-.001034
#2	-.001713	-.003150	-.001029
#3	-.000795	-.004963	-.001087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3165.802	54101.59	8401.365	1890.799	4182.407
Stddev	1.292	68.45	51.654	1.132	3.357
%RSD	.0408251	.1265242	.6148343	.0598788	.0802673

#1	3167.191	54126.52	8372.953	1890.819	4185.324
#2	3165.582	54154.07	8370.155	1889.657	4178.738
#3	3164.634	54024.16	8460.989	1891.921	4183.159

Sample Name: SB 40PPM Acquired: 1/3/2025 15:51:25 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001294	-.003298	-.013883	-.002171	41.34117	-.020030	.0031880
Stddev	.000435	.001446	.002457	.003015	.05766	.004298	.0005916
%RSD	33.63636	43.85569	17.69844	138.9132	.1394638	21.45818	18.55615

#1	-.001285	-.004952	-.014055	-.002565	41.38790	-.024073	.0025494
#2	-.000864	-.002670	-.011345	.001022	41.27673	-.015515	.0037172
#3	-.001734	-.002272	-.016250	-.004969	41.35887	-.020500	.0032973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000141	-.000858	-.057442	-.002592	-.000830	-.004120	.0158969
Stddev	.000008	.000014	.005594	.000059	.000161	.002563	.0082917
%RSD	5.695849	1.614982	9.739312	2.268416	19.39509	62.19841	52.15908

#1	-.000144	-.000851	-.057449	-.002599	-.000648	-.007023	.0136564
#2	-.000148	-.000874	-.063033	-.002529	-.000886	-.002170	.0089557
#3	-.000132	-.000849	-.051844	-.002646	-.000955	-.003168	.0250786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001687	-.056394	-.010071	-.000100	.7648640	.0017665	-.003429
Stddev	.000195	.007096	.000142	.000436	.4356436	.0021773	.000270
%RSD	11.57902	12.58275	1.409196	434.6955	56.95700	123.2525	7.886422

#1	-.001796	-.050815	-.009925	-.000562	.4121108	.0040796	-.003205
#2	-.001804	-.053986	-.010208	.000306	1.251819	-.000243	-.003352
#3	-.001461	-.064380	-.010080	-.000046	.630662	.001463	-.003729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70796	-.001645	.0092348	-.001007	-.001795	.0516247	-.019221
Stddev	.06859	.000839	.0012320	.000151	.000452	.0043695	.000294
%RSD	1.849691	51.01207	13.34140	15.03186	25.15878	8.463998	1.528389

#1	-3.77964	-.002607	.0103619	-.001028	-.001538	.0468774	-.019478
#2	-3.70129	-.001271	.0079195	-.000846	-.001531	.0525182	-.018901
#3	-3.64295	-.001058	.0094230	-.001147	-.002317	.0554783	-.019285

Sample Name: SB 40PPM Acquired: 1/3/2025 15:51:25 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001086	-.004829	-.001020
Stddev	.000786	.000554	.000032
%RSD	72.36653	11.47006	3.159700

#1	-.000300	-.004786	-.001041
#2	-.001086	-.005403	-.000983
#3	-.001872	-.004298	-.001036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3283.664	52924.70	8435.412	1903.305	4440.973
Stddev	4.386	120.75	14.978	7.184	5.755
%RSD	.1335843	.2281513	.1775561	.3774600	.1295965

#1	3280.402	52812.04	8422.473	1911.341	4439.308
#2	3288.651	52909.88	8431.943	1897.502	4447.377
#3	3281.939	53052.17	8451.819	1901.074	4436.233

Sample Name: CR 50PPM Acquired: 1/3/2025 15:55:33 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001386	.0125891	-.006017	-.000786	.0072110	-.025629	.0016585
Stddev	.003576	.0013885	.002108	.004366	.0045403	.002388	.0004500
%RSD	258.0292	11.02936	35.02822	555.5497	62.96302	9.316111	27.13287

#1	-.003799	.0141508	-.007438	-.005245	.0089926	-.025548	.0016188
#2	-.003081	.0114940	-.003595	.003481	.0020501	-.023284	.0021270
#3	.002723	.0121225	-.007017	-.000593	.0105903	-.028057	.0012297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000444	-.000911	-.061088	46.52158	.0012133	.0009209	-.016506
Stddev	.000073	.000076	.008218	.32856	.0001098	.0016707	.004681
%RSD	16.40962	8.361924	13.45295	.7062477	9.046673	181.4155	28.36031

#1	-.000452	-.000999	-.070351	46.69593	.0013211	-.000688	-.011247
#2	-.000512	-.000858	-.058239	46.72620	.0011016	.000803	-.020216
#3	-.000367	-.000877	-.054673	46.14259	.0012173	.002647	-.018057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000656	-.065795	-.002569	.0006500	.5849869	.0134607	-.002281
Stddev	.000110	.005327	.000204	.0001386	.5632621	.0026869	.000395
%RSD	16.72333	8.095828	7.926037	21.32341	96.28628	19.96109	17.32589

#1	-.000764	-.065259	-.002500	.0008085	.9379180	.0161925	-.002065
#2	-.000545	-.060757	-.002798	.0005898	-.064600	.0133685	-.002737
#3	-.000659	-.071369	-.002409	.0005516	.881643	.0108211	-.002042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.80139	-.005206	.0125716	.0018071	.0011325	-.004279	-.019674
Stddev	.03969	.001195	.0007690	.0003637	.0045380	.004048	.000962
%RSD	1.044209	22.94704	6.116655	20.12356	400.7129	94.61500	4.891191

#1	-3.78967	-.005593	.0132634	.0014531	.0008133	-.006636	-.020347
#2	-3.76887	-.006160	.0127076	.0017886	.0058217	.000396	-.020103
#3	-3.84562	-.003866	.0117437	.0021797	-.003237	-.006596	-.018572

Sample Name: CR 50PPM Acquired: 1/3/2025 15:55:33 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001204	-.004248	-.000758
Stddev	.001590	.001376	.000038
%RSD	132.0713	32.38981	4.984546

#1	-.001378	-.002660	-.000742
#2	.000466	-.005090	-.000801
#3	-.002699	-.004994	-.000731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2684.300	52617.71	8303.424	1733.856	4314.467
Stddev	1.974	259.64	35.519	10.439	1.644
%RSD	.0735218	.4934401	.4277583	.6020625	.0381005

#1	2682.690	52390.83	8293.598	1726.049	4316.364
#2	2686.502	52561.42	8273.853	1729.806	4313.560
#3	2683.708	52900.87	8342.822	1745.713	4313.476

Sample Name: CCV002 Acquired: 1/3/2025 15:59:50 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924752	4.979474	24.81476	4.906903	4.960884	391.8510	10.40009
Stddev	.022848	.014045	.04552	.016566	.010008	1.7701	.07146
%RSD	.4639469	.2820667	.1834254	.3376156	.2017389	.4517170	.6871267

#1	4.901844	4.968820	24.80807	4.890755	4.950434	390.3280	10.31760
#2	4.924874	4.974212	24.77296	4.906096	4.961836	391.4322	10.44321
#3	4.947540	4.995391	24.86325	4.923858	4.970382	393.7929	10.43946

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5088350	2.508001	399.5934	15.36597	2.510457	15.54373	393.1890
Stddev	.0016497	.003868	1.9589	.04418	.006111	.00549	2.0200
%RSD	.3242098	.1542255	.4902283	.2875014	.2434356	.0352895	.5137467

#1	.5103940	2.507462	397.8645	15.32265	2.509397	15.54073	391.1952
#2	.5090034	2.504431	399.1947	15.36431	2.504945	15.55006	393.1376
#3	.5071075	2.512110	401.7210	15.41095	2.517029	15.54039	395.2342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.37320	392.0343	2.507551	1.282518	417.0469	2.523546	15.41404
Stddev	.08224	2.2207	.006440	.001686	1.1973	.004067	.09984
%RSD	.5349339	.5664653	.2568366	.1314483	.2870901	.1611592	.6477268

#1	15.29659	389.9093	2.502361	1.282866	417.5593	2.518863	15.51127
#2	15.36292	391.8538	2.505534	1.280685	417.9027	2.525576	15.31178
#3	15.46010	394.3397	2.514759	1.284002	415.6786	2.526198	15.41908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.3259	5.063743	5.203793	4.858296	5.109790	5.161031	5.033803
Stddev	.9154	.008775	.005839	.007886	.009301	.008420	.013024
%RSD	.6049061	.1732831	.1122041	.1623284	.1820286	.1631516	.2587320

#1	150.4706	5.054017	5.209278	4.850485	5.100812	5.153053	5.022503
#2	151.2159	5.066143	5.197655	4.858148	5.109175	5.169833	5.030860
#3	152.2914	5.071067	5.204445	4.866255	5.119384	5.160207	5.048047

Sample Name: CCV002 Acquired: 1/3/2025 15:59:50 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.122231	5.166132	5.176498
Stddev	.005748	.028282	.042891
%RSD	.1122070	.5474593	.8285750

#1	5.128048	5.140154	5.138733
#2	5.122090	5.161983	5.167631
#3	5.116556	5.196260	5.223129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.913	43276.09	7728.390	1555.196	3236.930
Stddev	3.925	91.42	25.606	4.708	.856
%RSD	.1500508	.2112474	.3313199	.3027278	.0264376

#1	2620.342	43359.74	7704.069	1552.063	3237.917
#2	2612.863	43290.02	7725.989	1560.610	3236.392
#3	2614.536	43178.50	7755.112	1552.915	3236.482

Sample Name: CCB002 Acquired: 1/3/2025 16:03:58 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001731	-.000720	-.007138	-.000012	.0020401	-.006508	.0017011
Stddev	.000932	.000922	.002818	.002923	.0016479	.013419	.0004155
%RSD	53.86013	128.1334	39.47478	23811.54	80.77492	206.2083	24.42742

#1	-.002192	-.001725	-.010263	.003024	.0024515	-.007715	.0013786
#2	-.002343	.000087	-.006358	-.002807	.0034432	.007474	.0015546
#3	-.000658	-.000522	-.004792	-.000253	.0002255	-.019283	.0021700

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	-.000523	-.046730	-.002231	-.000588	-.003518	-.011906
Stddev	.000048	.000075	.008375	.000388	.000198	.001437	.003734
%RSD	118.6184	14.35850	17.92225	17.39849	33.70929	40.84537	31.36568

#1	-.000096	-.000501	-.052243	-.002643	-.000604	-.003487	-.015312
#2	-.000013	-.000606	-.037092	-.001873	-.000777	-.002097	-.007912
#3	-.000013	-.000461	-.050853	-.002177	-.000382	-.004971	-.012494

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002687	-.031337	-.000778	.0000778	.8075308	.0010673	-.003711
Stddev	.000236	.023790	.000477	.0001334	.0505273	.0017855	.000220
%RSD	8.787726	75.91688	61.32182	171.5946	6.257010	167.2788	5.915857

#1	-.002959	-.058799	-.000809	.0002288	.8543509	.0023631	-.003952
#2	-.002564	-.017019	-.001239	.0000288	.8142689	.0018083	-.003658
#3	-.002537	-.018193	-.000286	-.000024	.7539725	-.000969	-.003523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015841	-.001133	.0082396	-.000689	-.002625	-.001143	-.000729
Stddev	.098646	.002310	.0009511	.000041	.004234	.000084	.000792
%RSD	622.7263	203.8273	11.54236	5.916238	161.2905	7.377765	108.6060

#1	-.062284	.001517	.0093358	-.000674	-.001984	-.001048	-.000532
#2	-.082693	-.002195	.0077494	-.000658	.001252	-.001210	-.001601
#3	.097454	-.002721	.0076337	-.000735	-.007142	-.001170	-.000054

Sample Name: CCB002 Acquired: 1/3/2025 16:03:58 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000992	.0015656	-.000849
Stddev	.000199	.0006684	.000070
%RSD	20.08855	42.69477	8.268169

#1	-.000805	.0017917	-.000853
#2	-.000970	.0020915	-.000916
#3	-.001201	.0008134	-.000776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.292	51367.60	8172.551	1864.775	4087.773
Stddev	3.545	104.67	32.908	7.059	8.209
%RSD	.1143656	.2037719	.4026685	.3785677	.2008189

#1	3095.959	51320.04	8199.536	1869.150	4080.581
#2	3103.016	51295.15	8135.889	1856.631	4096.716
#3	3098.901	51487.61	8182.228	1868.544	4086.022

Sample Name: CO 50PPM Acquired: 1/3/2025 16:08:08 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000067	-.007200	.0427220	.0004643	-.004865	-.030116	.0021508
Stddev	.002049	.000782	.0021603	.0012490	.001739	.004638	.0001001
%RSD	3061.498	10.86076	5.056610	268.9976	35.73955	15.40035	4.655514

#1	-.001863	-.007203	.0437850	-.000893	-.004790	-.035194	.0022627
#2	-.000502	-.006417	.0402362	.001566	-.003164	-.026103	.0021197
#3	.002164	-.007981	.0441448	.000719	-.006639	-.029050	.0020698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	-.000607	-.065403	-.002119	45.50044	-.006970	-.023388
Stddev	.000028	.000005	.008067	.000264	.08543	.001424	.004235
%RSD	29.75305	.7663835	12.33359	12.46692	.1877647	20.43562	18.10744

#1	-.000069	-.000608	-.056094	-.001931	45.45205	-.007714	-.018531
#2	-.000124	-.000602	-.070332	-.002006	45.45019	-.005327	-.026309
#3	-.000088	-.000612	-.069783	-.002421	45.59909	-.007867	-.025324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001850	-.074646	-.000275	.0003435	.2203806	.0004821	-.003963
Stddev	.000262	.006983	.000433	.0002723	.3011568	.0023974	.000149
%RSD	14.13614	9.354365	157.5997	79.26191	136.6531	497.2652	3.753292

#1	-.001741	-.067010	-.000593	.0001663	-.122837	-.000428	-.004010
#2	-.001660	-.080707	.000218	.0002072	.440431	.003201	-.004082
#3	-.002148	-.076221	-.000449	.0006570	.343548	-.001327	-.003796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70605	.0040701	.0411617	-.000841	.0233197	-.005031	-.018468
Stddev	.10251	.0005941	.0005577	.000269	.0016368	.002391	.000811
%RSD	2.765910	14.59630	1.355032	32.00681	7.019131	47.52410	4.390951

#1	-3.61490	.0037470	.0405594	-.001150	.0214465	-.002523	-.019372
#2	-3.68623	.0037075	.0412652	-.000711	.0240375	-.007284	-.017803
#3	-3.81702	.0047557	.0416604	-.000661	.0244749	-.005288	-.018230

Sample Name: CO 50PPM Acquired: 1/3/2025 16:08:08 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009905	-.005076	-.001081
Stddev	.000379	.000631	.000094
%RSD	3.821606	12.43146	8.666991

#1	-.009804	-.004428	-.001171
#2	-.010324	-.005688	-.001089
#3	-.009588	-.005111	-.000984

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.418	53081.09	8385.270	1878.268	4430.333
Stddev	2.537	75.63	9.629	3.844	3.135
%RSD	.0780931	.1424717	.1148366	.2046476	.0707602

#1	3250.528	53129.95	8390.874	1878.178	4430.450
#2	3249.122	52993.98	8390.784	1874.470	4433.407
#3	3245.604	53119.34	8374.151	1882.156	4427.141

Sample Name: NI 45PPM Acquired: 1/3/2025 16:12:15 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002045	-.004522	.0251904	-.007566	-.004847	-.027846	.0019337
Stddev	.000915	.000940	.0030134	.003416	.001290	.002038	.0004740
%RSD	44.73866	20.78189	11.96229	45.14567	26.61757	7.319559	24.51181

#1	-.002580	-.003916	.0232043	-.005530	-.006085	-.026019	.0022624
#2	-.000989	-.005605	.0286577	-.005659	-.004945	-.030044	.0013904
#3	-.002567	-.004046	.0237093	-.011510	-.003510	-.027474	.0021485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000548	-.000669	.0685412	-.002371	.0076084	-.001855	-.024369
Stddev	.000040	.000064	.0057206	.000279	.0001134	.002184	.004304
%RSD	7.250397	9.556680	8.346300	11.77649	1.490458	117.7528	17.66203

#1	-.000563	-.000611	.0693838	-.002054	.0077134	-.004374	-.023261
#2	-.000503	-.000660	.0624459	-.002483	.0076238	-.000480	-.029119
#3	-.000578	-.000738	.0737938	-.002577	.0074882	-.000711	-.020728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001570	-.073446	43.70811	-.000045	1.004325	.0013043	.0006540
Stddev	.000333	.003925	.16516	.000292	.092105	.0020064	.0017179
%RSD	21.22183	5.343500	.3778795	648.8468	9.170869	153.8347	262.6519

#1	-.001715	-.077848	43.56077	-.000232	1.019169	.0030937	.0002081
#2	-.001807	-.072177	43.67691	.000291	1.088107	-.000865	.0025509
#3	-.001189	-.070313	43.88665	-.000194	.905699	.001684	-.000797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.68287	.0533863	.0028714	-.000430	-.012510	-.004706	-.020128
Stddev	.01137	.0025386	.0007775	.000307	.001988	.000315	.000649
%RSD	.3087772	4.755257	27.07766	71.31289	15.89183	6.696355	3.222620

#1	-3.67306	.0556295	.0025687	-.000714	-.013264	-.004542	-.020736
#2	-3.68021	.0538989	.0022908	-.000105	-.010255	-.004506	-.020201
#3	-3.69533	.0506304	.0037548	-.000472	-.014011	-.005069	-.019445

Sample Name: NI 45PPM Acquired: 1/3/2025 16:12:15 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.038633	-.003643	-.001058
Stddev	.000556	.001528	.000048
%RSD	1.440116	41.94578	4.576605

#1	-.038805	-.004369	-.001026
#2	-.038011	-.001887	-.001034
#3	-.039083	-.004673	-.001113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3327.535	55315.24	8671.494	1957.107	4442.706
Stddev	14.060	116.45	57.607	1.662	18.834
%RSD	.4225273	.2105221	.6643207	.0849309	.4239346

#1	3342.760	55182.26	8638.159	1958.765	4462.799
#2	3324.802	55364.51	8638.310	1957.116	4439.865
#3	3315.042	55398.96	8738.012	1955.441	4425.454

Sample Name: V 50PPM Acquired: 1/3/2025 16:16:22 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000447	-.040870	-.005720	.0009762	-.006465	-.023160	.0042741
Stddev	.001863	.005409	.002654	.0048371	.001151	.006507	.0006111
%RSD	416.3457	13.23378	46.39467	495.5240	17.81179	28.09514	14.29668

#1	.000793	-.040622	-.004632	.0047150	-.007440	-.019568	.0043952
#2	-.002589	-.035590	-.008745	.0027003	-.006760	-.030671	.0036116
#3	.000455	-.046399	-.003783	-.004487	-.005194	-.019241	.0048156

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000198	.0008215	-.048121	.0006451	.0000325	-.004699	-.024160
Stddev	.000047	.0000236	.012343	.0001903	.0003149	.001673	.005044
%RSD	23.49063	2.879022	25.65089	29.49261	969.6850	35.59415	20.87812

#1	-.000146	.0007977	-.060393	.0008343	.0003820	-.006445	-.022010
#2	-.000235	.0008450	-.048263	.0006473	-.000055	-.004541	-.020546
#3	-.000214	.0008217	-.035707	.0004538	-.000229	-.003111	-.029923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001181	-.053026	.0004279	-.000769	.9337114	47.65772	-.002531
Stddev	.000244	.003267	.0003338	.000398	.1890104	.08839	.000633
%RSD	20.65654	6.161214	77.99826	51.74576	20.24292	.1854711	25.02131

#1	-.001443	-.055732	.0001227	-.000344	.8814626	47.60735	-.002709
#2	-.001139	-.049397	.0003768	-.001133	1.143350	47.60602	-.001827
#3	-.000960	-.053950	.0007843	-.000830	.776322	47.75978	-.003056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.68971	-.012174	-.007148	-.005460	-.008300	-.002796	-.018264
Stddev	.02968	.002788	.000901	.000255	.002552	.003799	.000605
%RSD	.8044374	22.90193	12.60358	4.660752	30.75045	135.8699	3.312865

#1	-3.66027	-.009027	-.008084	-.005726	-.006809	.000397	-.017822
#2	-3.68924	-.013161	-.006287	-.005438	-.011247	-.006998	-.018954
#3	-3.71962	-.014335	-.007072	-.005218	-.006844	-.001788	-.018017

Sample Name: V 50PPM Acquired: 1/3/2025 16:16:22 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.033048	-.002802	-.001086
Stddev	.000862	.000982	.000136
%RSD	2.606988	35.04787	12.49064

#1	-.032732	-.002591	-.000984
#2	-.034023	-.001943	-.001240
#3	-.032390	-.003873	-.001033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3269.232	53424.53	8493.752	1913.643	4408.225
Stddev	11.471	128.22	11.293	3.323	13.337
%RSD	.3508908	.2400048	.1329523	.1736572	.3025549

#1	3275.843	53421.70	8497.532	1911.435	4410.935
#2	3275.867	53297.75	8502.669	1912.028	4419.999
#3	3255.986	53554.14	8481.054	1917.465	4393.740

Sample Name: B 50PPM Acquired: 1/3/2025 16:20:31 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000885	-.000525	-.001038	-.002010	.0002543	-.019719	.0014802
Stddev	.000425	.000668	.004178	.001625	.0014096	.008092	.0005356
%RSD	47.98462	127.1187	402.5666	80.84762	554.3138	41.03707	36.18201

#1	-.001360	-.001204	-.005853	-.003649	-.001050	-.027146	.0020028
#2	-.000751	-.000503	.001622	-.000399	.000063	-.020917	.0015052
#3	-.000543	.000131	.001118	-.001983	.001750	-.011095	.0009325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	-.000523	-.070037	-.002289	-.000750	.0007275	-.027171
Stddev	.000005	.000026	.014766	.000183	.000183	.0023666	.001120
%RSD	5.218282	4.953053	21.08244	7.995357	24.35146	325.3211	4.120480

#1	-.000099	-.000495	-.072059	-.002257	-.000703	.0025175	-.026587
#2	-.000101	-.000546	-.054365	-.002486	-.000951	-.001956	-.026465
#3	-.000109	-.000528	-.083688	-.002124	-.000595	.001621	-.028462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001621	-.053949	-.000400	-.000373	.3832723	.0031751	-.003457
Stddev	.000305	.007211	.000230	.000727	.3768338	.0032607	.000475
%RSD	18.80291	13.36560	57.43567	194.9978	98.32011	102.6968	13.74028

#1	-.001739	-.057854	-.000589	-.001093	.8041594	.0056334	-.003877
#2	-.001274	-.058365	-.000144	-.000384	.2684543	-.000524	-.003551
#3	-.001848	-.045628	-.000468	.000360	.0772033	.004416	-.002942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.73531	.0004487	45.54250	-.000348	.0049883	-.052171	-.018183
Stddev	.04898	.0004280	.18274	.000076	.0052500	.003159	.000257
%RSD	1.311388	95.39013	.4012468	21.69958	105.2466	6.054579	1.413721

#1	-3.72312	.0000326	45.44370	-.000262	.0109937	-.049210	-.018466
#2	-3.69356	.0008877	45.75336	-.000381	.0012691	-.055496	-.017965
#3	-3.78923	.0004258	45.43042	-.000402	.0027020	-.051808	-.018117

Sample Name: B 50PPM Acquired: 1/3/2025 16:20:31 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000906	-.003570	-.001017
Stddev	.000587	.000626	.000064
%RSD	64.80148	17.53422	6.314774

#1	-.000581	-.003383	-.001052
#2	-.001584	-.004268	-.000943
#3	-.000553	-.003058	-.001057

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3183.235	52831.48	8432.287	1893.819	4241.133
Stddev	1.310	99.93	23.647	4.188	1.580
%RSD	.0411552	.1891505	.2804323	.2211644	.0372444

#1	3183.522	52885.25	8456.577	1892.893	4242.439
#2	3184.378	52893.01	8409.341	1898.393	4241.582
#3	3181.806	52716.17	8430.944	1890.172	4239.377

Sample Name: P 35PPM Acquired: 1/3/2025 16:24:40 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002705	-.002330	-.006385	-.001042	.0005382	-.020957	-.000476
Stddev	.001402	.001072	.000129	.000962	.0005875	.003866	.000713
%RSD	51.82232	46.01740	2.014202	92.30565	109.1443	18.44908	149.9644

#1	-.001174	-.001703	-.006374	-.001226	-.000024	-.016855	-.001285
#2	-.003925	-.003568	-.006518	-.000002	.001148	-.021481	.000061
#3	-.003016	-.001719	-.006262	-.001899	.000490	-.024534	-.000203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000194	-.000633	-.061053	-.001271	-.000727	-.004377	-.022015
Stddev	.000049	.000038	.010954	.000137	.000207	.002009	.004409
%RSD	25.19976	5.991049	17.94222	10.81481	28.53208	45.89414	20.02835

#1	-.000141	-.000593	-.050641	-.001347	-.000620	-.002891	-.027092
#2	-.000238	-.000669	-.072479	-.001112	-.000966	-.003577	-.019148
#3	-.000202	-.000635	-.060039	-.001353	-.000594	-.006663	-.019805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001264	-.044587	-.000488	.0002329	.6904489	.0030036	-.001012
Stddev	.000218	.006371	.000212	.0004950	.3101159	.0010628	.000153
%RSD	17.26285	14.28934	43.46173	212.5734	44.91512	35.38630	15.14355

#1	-.001202	-.051939	-.000708	.0000706	.4486105	.0041180	-.001008
#2	-.001084	-.040661	-.000473	-.000161	.5826597	.0020012	-.001167
#3	-.001507	-.041162	-.000284	.000789	1.040076	.0028914	-.000861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70125	34.96124	.0910693	-.000868	-.003679	-.005270	-.018654
Stddev	.07569	.04678	.0014811	.000197	.000653	.003185	.000951
%RSD	2.045025	.1338018	1.626320	22.70334	17.74182	60.43381	5.096758

#1	-3.77707	34.91403	.0924193	-.001067	-.003320	-.005679	-.019672
#2	-3.62569	34.96211	.0913034	-.000866	-.004433	-.008231	-.018499
#3	-3.70098	35.00758	.0894850	-.000673	-.003285	-.001901	-.017790

Sample Name: P 35PPM Acquired: 1/3/2025 16:24:40 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001150	-.003827	-.001071
Stddev	.000924	.000311	.000087
%RSD	80.33129	8.131501	8.146809

#1	-.000452	-.003816	-.001064
#2	-.002198	-.003521	-.000988
#3	-.000801	-.004143	-.001162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.818	53304.05	8283.590	1929.502	4590.141
Stddev	1.146	73.15	7.884	11.277	7.315
%RSD	.0343784	.1372279	.0951767	.5844633	.1593551

#1	3331.507	53242.63	8277.867	1916.980	4582.358
#2	3333.327	53284.55	8292.582	1938.857	4591.191
#3	3333.622	53384.97	8280.320	1932.670	4596.874

Sample Name: S 40PPM Acquired: 1/3/2025 16:28:48 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001561	-.002454	-.002644	-.000933	.0002207	-.019217	.0019335
Stddev	.001939	.001837	.002496	.000584	.0006756	.007170	.0002960
%RSD	124.2416	74.86473	94.41401	62.57829	306.1043	37.30945	15.31134

#1	-.000461	-.003573	-.002746	-.000386	-.000083	-.015867	.0016026
#2	-.000422	-.000334	-.005088	-.001547	.000995	-.027449	.0021733
#3	-.003800	-.003454	-.000098	-.000865	-.000249	-.014335	.0020245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000164	-.000453	-.062957	-.002501	-.000812	-.003039	-.025759
Stddev	.000044	.000021	.009168	.000367	.000309	.002626	.004444
%RSD	26.79158	4.685830	14.56258	14.66142	37.99997	86.39318	17.25244

#1	-.000114	-.000435	-.069531	-.002923	-.001126	-.000446	-.030532
#2	-.000198	-.000447	-.052484	-.002323	-.000509	-.005696	-.025004
#3	-.000179	-.000476	-.066856	-.002258	-.000802	-.002975	-.021741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001420	-.061729	-.000345	.0001629	.5613685	.0016593	-.003089
Stddev	.000102	.004255	.000310	.0001612	.3167300	.0008587	.000265
%RSD	7.174628	6.893358	89.81527	98.99640	56.42105	51.75354	8.571838

#1	-.001352	-.066090	-.000187	.0001451	.6085385	.0014735	-.003362
#2	-.001371	-.057588	-.000702	.0000112	.2236989	.0025957	-.003070
#3	-.001537	-.061509	-.000145	.0003322	.8518680	.0009086	-.002834

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70541	-.001541	.0522442	-.001309	39.97446	-.004843	-.019041
Stddev	.04160	.001558	.0014210	.000244	.18073	.001731	.001089
%RSD	1.122681	101.1128	2.719918	18.66941	.4521180	35.74802	5.719870

#1	-3.73950	-.003224	.0536196	-.001589	39.79530	-.006614	-.019351
#2	-3.65906	-.001252	.0523314	-.001141	39.97137	-.004763	-.019942
#3	-3.71768	-.000148	.0507816	-.001197	40.15672	-.003154	-.017831

Sample Name: S 40PPM Acquired: 1/3/2025 16:28:48 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000290	-.003531	-.001129
Stddev	.000794	.001066	.000019
%RSD	274.0029	30.19651	1.705048

#1	-.001189	-.003342	-.001132
#2	.000011	-.004678	-.001108
#3	.000310	-.002571	-.001146

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.773	52669.07	8260.792	1893.744	4212.207
Stddev	.918	152.94	50.722	4.162	2.479
%RSD	.0290806	.2903759	.6140046	.2197994	.0588586

#1	3156.791	52821.28	8227.377	1896.957	4214.940
#2	3157.919	52515.42	8319.156	1889.042	4210.103
#3	3158.610	52670.50	8235.843	1895.233	4211.577

Sample Name: SI 20PPM Acquired: 1/3/2025 16:32:56 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001097	-.002558	-.004251	-.002702	.0023000	-.012584	.0038490
Stddev	.001357	.001471	.000464	.002176	.0010327	.004921	.0004150
%RSD	123.7767	57.51774	10.90861	80.53783	44.90151	39.10776	10.78210

#1	-.002128	-.004199	-.004722	-.002817	.0017683	-.017810	.0034865
#2	.000441	-.001357	-.003795	-.004820	.0034902	-.011904	.0037587
#3	-.001602	-.002118	-.004234	-.000471	.0016415	-.008038	.0043017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.000387	-.047324	-.001895	-.001044	-.003828	-.023399
Stddev	.000057	.000024	.001242	.000171	.000077	.002977	.006685
%RSD	204.6276	6.286263	2.624643	9.023587	7.335846	77.76931	28.56968

#1	-.000093	-.000413	-.045907	-.001702	-.000974	-.002623	-.028910
#2	.000009	-.000383	-.047841	-.002029	-.001125	-.001643	-.025326
#3	.000000	-.000364	-.048224	-.001954	-.001032	-.007219	-.015963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001273	-.058150	.0009610	-.000007	1.168306	.0014515	-.002642
Stddev	.000316	.012736	.0003129	.000161	.276245	.0017909	.000102
%RSD	24.81303	21.90249	32.56046	2351.414	23.64490	123.3865	3.878284

#1	-.001588	-.060326	.0005997	-.000155	.908798	.0034421	-.002694
#2	-.000957	-.044465	.0011365	-.000031	1.458692	.0009412	-.002524
#3	-.001274	-.069657	.0011466	.000165	1.137426	-.000029	-.002708

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.74140	.0033481	.0503202	.0003333	-.000734	19.67322	-.016309
Stddev	.10088	.0006156	.0004221	.0003210	.001978	.05973	.000279
%RSD	2.696200	18.38512	.8387824	96.30502	269.5758	.3036194	1.709211

#1	-3.68530	.0035697	.0506776	.0007028	-.001363	19.65170	-.015989
#2	-3.85786	.0026525	.0504286	.0001238	.001482	19.74073	-.016498
#3	-3.68105	.0038223	.0498545	.0001733	-.002320	19.62723	-.016441

Sample Name: SI 20PPM Acquired: 1/3/2025 16:32:56 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000684	-.003098	-.000684
Stddev	.000104	.000209	.000048
%RSD	15.21279	6.734182	7.008113

#1	-.000613	-.002984	-.000637
#2	-.000635	-.003339	-.000681
#3	-.000804	-.002972	-.000733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.153	52901.29	8394.112	1889.140	4353.663
Stddev	4.713	74.24	15.580	5.853	12.233
%RSD	.1459182	.1403366	.1856009	.3098362	.2809778

#1	3224.941	52971.52	8378.524	1895.691	4343.587
#2	3231.401	52823.61	8409.683	1887.303	4350.129
#3	3234.116	52908.74	8394.127	1884.425	4367.274

Sample Name: SN 45PPM Acquired: 1/3/2025 16:37:04 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002998	-.002939	-.001386	-.003226	-.005590	.0155137	.0026798
Stddev	.002779	.000974	.001749	.001870	.002553	.0032873	.0005326
%RSD	92.69659	33.15092	126.1695	57.95525	45.66243	21.18945	19.87515

#1	-.005435	-.003382	.000391	-.005083	-.004805	.0118892	.0027131
#2	-.003588	-.003614	-.001444	-.003251	-.003522	.0163495	.0021313
#3	.000029	-.001822	-.003106	-.001344	-.008443	.0183023	.0031950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	-.000450	-.058708	-.002080	-.000696	.0015072	.0016463
Stddev	.000052	.000044	.009634	.000335	.000046	.0013783	.0014017
%RSD	96.08357	9.879160	16.41048	16.10282	6.669709	91.44661	85.14025

#1	-.000077	-.000485	-.048251	-.001960	-.000726	.0000194	.0000942
#2	.000005	-.000467	-.060647	-.001821	-.000642	.0027406	.0028197
#3	-.000090	-.000400	-.067225	-.002458	-.000719	.0017617	.0020250

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001070	-.057381	.0001931	.0000941	1.117502	.0012412	.0012255
Stddev	.000103	.011218	.0002251	.0001828	.401813	.0004243	.0007580
%RSD	9.638890	19.55064	116.6184	194.2556	35.95633	34.18361	61.85401

#1	-.001042	-.052762	.0002714	.0000232	.694744	.0014441	.0003812
#2	-.001184	-.070172	.0003685	.0003017	1.163319	.0007535	.0014477
#3	-.000984	-.049210	-.000061	-.000043	1.494442	.0015259	.0018476

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.67504	-.000920	.0289675	-.000597	-.005816	.0245155	42.93990
Stddev	.02754	.001408	.0007782	.000197	.000361	.0019301	.08486
%RSD	.7494118	153.1326	2.686332	32.95441	6.212787	7.872755	.1976159

#1	-3.64369	-.002494	.0280813	-.000760	-.005775	.0230441	42.91504
#2	-3.69535	.000220	.0292820	-.000652	-.005477	.0267008	42.87026
#3	-3.68607	-.000485	.0295391	-.000378	-.006196	.0238017	43.03442

Sample Name: SN 45PPM Acquired: 1/3/2025 16:37:04 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000802	-.003451	-.001013
Stddev	.001082	.001041	.000077
%RSD	134.9977	30.16261	7.561215

#1	-.000017	-.004589	-.001046
#2	-.002037	-.003220	-.000925
#3	-.000351	-.002545	-.001067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.717	53355.12	8466.518	1904.889	4390.523
Stddev	1.874	143.60	18.890	5.411	2.574
%RSD	.0572244	.2691444	.2231159	.2840511	.0586254

#1	3272.852	53378.40	8483.652	1910.384	4387.561
#2	3276.600	53485.66	8469.641	1904.718	4392.217
#3	3274.699	53201.30	8446.261	1899.566	4391.790

Sample Name: LI 40PPM Acquired: 1/3/2025 16:41:12 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005034	-.001058	-.003007	-.001993	.0000835	-.025562	.0046466
Stddev	.001406	.001515	.000623	.002053	.0005930	.009430	.0012341
%RSD	27.92663	143.1540	20.71012	103.0112	710.5520	36.89312	26.55861

#1	-.006463	-.001542	-.003042	-.000651	-.000226	-.019481	.0060438
#2	-.004986	-.002272	-.002367	-.000972	.000767	-.020779	.0037054
#3	-.003652	.000639	-.003611	-.004357	-.000291	-.036425	.0041907

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	-.000600	-.059259	-.002136	-.000780	-.001973	-.025612
Stddev	.000033	.000011	.003836	.000275	.000050	.001110	.001568
%RSD	21.03551	1.867379	6.473297	12.86275	6.451080	56.25470	6.121471

#1	-.000133	-.000592	-.063484	-.002418	-.000739	-.003114	-.027205
#2	-.000194	-.000613	-.055996	-.002119	-.000837	-.001907	-.024070
#3	-.000142	-.000595	-.058297	-.001870	-.000765	-.000897	-.025561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001604	-.061842	-.000578	-.000220	.4600577	.0023825	-.003690
Stddev	.000262	.008542	.000133	.000258	.2532135	.0030749	.000508
%RSD	16.35661	13.81219	23.07243	117.1222	55.03952	129.0606	13.75709

#1	-.001425	-.070094	-.000625	.000030	.4991409	-.000875	-.003172
#2	-.001481	-.053037	-.000428	-.000485	.1895749	.002787	-.004187
#3	-.001905	-.062394	-.000682	-.000206	.6914573	.005235	-.003712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.76513	-.001532	.0196388	-.000928	.0001156	-.003040	-.018294
Stddev	.02743	.000314	.0004884	.000088	.0021712	.003177	.000253
%RSD	.7284109	20.50324	2.487106	9.467232	1878.071	104.5081	1.382881

#1	-3.77165	-.001220	.0198163	-.000907	-.001427	-.006415	-.018431
#2	-3.78871	-.001527	.0200137	-.000853	-.000825	-.002596	-.018002
#3	-3.73504	-.001848	.0190864	-.001025	.002599	-.000108	-.018449

Sample Name: LI 40PPM Acquired: 1/3/2025 16:41:12 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000574	39.64775	-.001002
Stddev	.000818	.28025	.000041
%RSD	142.5114	.7068402	4.079931

#1	.000370	39.80044	-.000999
#2	-.001009	39.32432	-.000963
#3	-.001082	39.81850	-.001045

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.726	49774.96	8337.086	1802.084	4076.453
Stddev	69.630	136.91	68.024	7.424	100.110
%RSD	2.184329	.2750542	.8159184	.4119895	2.455814

#1	3268.125	49716.96	8402.334	1794.933	4191.865
#2	3148.148	49931.32	8342.335	1801.564	4024.406
#3	3146.905	49676.59	8266.590	1809.755	4013.087

Sample Name: AG 10PPM Acquired: 1/3/2025 16:45:30 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002735	-.003174	-.008836	-.003287	-.000151	-.022887	.0034943
Stddev	.001120	.000629	.001995	.001352	.000143	.006618	.0007204
%RSD	40.94486	19.82104	22.58339	41.12076	94.63331	28.91745	20.61751

#1	-.003076	-.002830	-.009471	-.004489	-.000127	-.018131	.0042893
#2	-.003644	-.002792	-.006600	-.001824	-.000304	-.030445	.0028845
#3	-.001484	-.003900	-.010437	-.003550	-.000021	-.020085	.0033093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	-.000513	-.041028	-.002315	-.001034	-.000768	-.022631
Stddev	.000029	.000060	.012324	.000044	.000391	.000937	.002594
%RSD	27.88838	11.63551	30.03682	1.881706	37.83042	121.9491	11.46214

#1	-.000079	-.000476	-.032576	-.002360	-.001452	-.001097	-.025021
#2	-.000135	-.000582	-.055168	-.002273	-.000972	-.001497	-.019872
#3	-.000096	-.000480	-.035340	-.002311	-.000677	.000289	-.023000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001587	-.062377	-.000599	9.060625	.7690793	.0025982	-.003224
Stddev	.000262	.010933	.000279	.017909	.6338543	.0015205	.000248
%RSD	16.51614	17.52673	46.48482	.1976558	82.41728	58.52179	7.699216

#1	-.001819	-.070766	-.000891	9.081136	.0447557	.0025018	-.003350
#2	-.001640	-.050013	-.000335	9.048087	1.222278	.0011282	-.003384
#3	-.001303	-.066353	-.000572	9.052653	1.040204	.0041646	-.002938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.72360	-.001904	.0166030	-.000984	-.002119	-.003074	-.018736
Stddev	.09654	.000864	.0011561	.000396	.003969	.002603	.000399
%RSD	2.592726	45.36716	6.963027	40.29167	187.2502	84.67585	2.128769

#1	-3.71392	-.001542	.0178367	-.000526	-.006248	-.001047	-.019133
#2	-3.82461	-.002890	.0164278	-.001199	-.001777	-.006010	-.018335
#3	-3.63226	-.001280	.0155446	-.001226	.001667	-.002165	-.018741

Sample Name: AG 10PPM Acquired: 1/3/2025 16:45:30 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009802	-.002520	-.001064
Stddev	.0004866	.001414	.000052
%RSD	49.63912	56.14078	4.927969

#1	.0004448	-.003943	-.001031
#2	.0013955	-.001115	-.001124
#3	.0011003	-.002501	-.001036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3237.900	52476.34	8445.385	1872.217	4362.319
Stddev	4.210	225.62	23.557	7.152	3.539
%RSD	.1300143	.4299534	.2789311	.3820210	.0811352

#1	3240.435	52307.59	8419.996	1866.650	4365.445
#2	3240.223	52732.61	8449.626	1880.283	4363.036
#3	3233.040	52388.82	8466.533	1869.717	4358.476

Sample Name: BA 40PPM Acquired: 1/3/2025 16:49:38 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003404	-.003073	-.005609	.0021783	.0018167	-.020933	41.90560
Stddev	.002139	.002189	.001631	.0019711	.0007458	.001291	.17607
%RSD	62.84895	71.23031	29.07513	90.49079	41.05061	6.167371	.4201658

#1	-.004523	-.005111	-.006783	.0005878	.0013225	-.019499	41.95424
#2	-.004751	-.003348	-.003747	.0043835	.0026745	-.022002	42.05225
#3	-.000937	-.000759	-.006297	.0015635	.0014531	-.021299	41.71032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002373	-.000701	-.057237	-.002356	-.009161	-.002772	-.023413
Stddev	.0000727	.000048	.002229	.000205	.000092	.001848	.001783
%RSD	30.65203	6.855413	3.894126	8.699934	1.007053	66.68116	7.616187

#1	.0002870	-.000664	-.057017	-.002242	-.009235	-.002525	-.025024
#2	.0002711	-.000756	-.055127	-.002593	-.009190	-.001060	-.023719
#3	.0001538	-.000684	-.059568	-.002234	-.009058	-.004731	-.021497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001480	-.056588	-.000850	.0001686	1.092986	.0002898	-.002011
Stddev	.000234	.025418	.000380	.0001267	.391976	.0034532	.000350
%RSD	15.79070	44.91722	44.72309	75.15074	35.86289	1191.556	17.40013

#1	-.001273	-.084145	-.000659	.0002083	1.181453	-.001519	-.001629
#2	-.001734	-.034062	-.000603	.0000268	1.433168	.004272	-.002316
#3	-.001434	-.051558	-.001288	.0002705	.664336	-.001884	-.002087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.71662	-.001559	.0133225	-.000838	-.002001	-.001827	-.018383
Stddev	.06732	.001974	.0014492	.000165	.002304	.004169	.000626
%RSD	1.811425	126.5559	10.87802	19.65130	115.1335	228.1573	3.404937

#1	-3.71974	.000672	.0131363	-.000979	-.000221	-.005179	-.017877
#2	-3.64779	-.003076	.0119753	-.000657	-.001180	.002841	-.019083
#3	-3.78233	-.002274	.0148557	-.000879	-.004603	-.003145	-.018189

Sample Name: BA 40PPM Acquired: 1/3/2025 16:49:38 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000645	-.003464	-.000328
Stddev	.000505	.000213	.000050
%RSD	78.26370	6.152934	15.23236

#1	-.000360	-.003282	-.000372
#2	-.000348	-.003412	-.000273
#3	-.001229	-.003698	-.000338

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.803	53327.33	8427.144	1887.037	4270.897
Stddev	11.807	77.20	14.039	3.897	16.499
%RSD	.3701500	.1447657	.1665921	.2065342	.3863141

#1	3187.923	53267.58	8432.644	1884.979	4260.816
#2	3202.437	53299.92	8437.600	1884.600	4289.937
#3	3179.049	53414.50	8411.188	1891.532	4261.938

Sample Name: U 50PPM Acquired: 1/3/2025 16:53:56 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000951	-.010511	-.028564	-.019247	-.034638	-.058671	-.000336
Stddev	.002708	.002027	.004883	.001826	.001516	.010107	.000470
%RSD	284.7725	19.28073	17.09476	9.485379	4.376740	17.22667	140.0299

#1	.001208	-.008513	-.023003	-.020664	-.036387	-.070222	-.000857
#2	-.000071	-.010454	-.032151	-.019889	-.033696	-.054335	-.000205
#3	-.003989	-.012565	-.030537	-.017187	-.033830	-.051455	.000055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	-.000137	-.353676	.0496324	.0060700	.0335066	-.016001
Stddev	.000061	.000022	.006002	.0004524	.0000374	.0023093	.003030
%RSD	59.26044	16.37609	1.697042	.9114818	.6160859	6.892173	18.93498

#1	-.000070	-.000112	-.355717	.0491636	.0060653	.0310489	-.012983
#2	-.000066	-.000154	-.346919	.0496672	.0061095	.0338395	-.015976
#3	-.000173	-.000146	-.358391	.0500663	.0060352	.0356315	-.019042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007752	-.825521	.0011626	.0233711	-.131475	-.031022	-.002136
Stddev	.0004796	.010709	.0003252	.0002205	.189676	.004228	.000266
%RSD	61.86307	1.297232	27.97613	.9434870	144.2678	13.62874	12.47799

#1	.0004252	-.833919	.0009277	.0235035	-.151586	-.028852	-.002225
#2	.0005787	-.829183	.0015338	.0231166	.067455	-.028319	-.001836
#3	.0013219	-.813461	.0010262	.0234933	-.310295	-.035894	-.002346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.71725	-.006470	-.003354	-.007585	.0071876	-.002631	-.006900
Stddev	.07874	.000918	.000861	.000147	.0033192	.004414	.000758
%RSD	2.118357	14.19451	25.65929	1.939121	46.18019	167.7772	10.98212

#1	-3.69159	-.007219	-.004037	-.007522	.0090987	.001737	-.007309
#2	-3.80562	-.005445	-.002387	-.007480	.0033548	-.007088	-.007366
#3	-3.65454	-.006747	-.003637	-.007753	.0091091	-.002541	-.006026

Sample Name: U 50PPM Acquired: 1/3/2025 16:53:56 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0064883	-.001034	.0006389
Stddev	.0012127	.000563	.0000138
%RSD	18.69121	54.41895	2.152139

#1	.0069436	-.000523	.0006231
#2	.0051138	-.000943	.0006480
#3	.0074075	-.001637	.0006456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3203.740	52766.58	8234.358	1892.983	4308.535
Stddev	3.508	87.86	8.160	5.284	5.183
%RSD	.1094833	.1665162	.0990934	.2791338	.1202884

#1	3205.401	52688.10	8243.633	1887.969	4302.782
#2	3206.107	52861.51	8228.285	1892.478	4312.838
#3	3199.710	52750.15	8231.155	1898.501	4309.985

Sample Name: ZR 50PPM Acquired: 1/3/2025 16:58:03 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.004488	-.012781	-.008302	-.018208	.4118365	.0042632
Stddev	.000227	.002357	.004148	.003027	.000424	.0097575	.0009268
%RSD	323.3097	52.51626	32.45734	36.46469	2.328818	2.369257	21.73991

#1	.000177	-.005916	-.016958	-.008712	-.017723	.4076269	.0033016
#2	-.000118	-.005781	-.012724	-.011103	-.018390	.4048905	.0051507
#3	-.000270	-.001768	-.008662	-.005090	-.018510	.4229921	.0043374

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002007	-.000754	-.092288	.0105224	.0003352	.0000066	-.029551
Stddev	.0000452	.000042	.003087	.0005399	.0001323	.0022146	.001038
%RSD	22.51294	5.627357	3.345242	5.130524	39.47618	33334.26	3.511315

#1	.0002521	-.000709	-.095144	.0111136	.0003931	.0014743	-.030718
#2	.0001825	-.000760	-.092707	.0100557	.0001838	.0010863	-.029202
#3	.0001674	-.000793	-.089012	.0103979	.0004286	-.002541	-.028732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001306	-.053056	-.004840	.2817675	.8212126	.0051083	-.004350
Stddev	.000140	.011079	.000292	.0007553	.2256193	.0010198	.000155
%RSD	10.71632	20.88147	6.037684	.2680524	27.47392	19.96348	3.554670

#1	-.001462	-.062413	-.004953	.2815621	1.080906	.0042832	-.004174
#2	-.001190	-.040823	-.004508	.2811362	.673381	.0047934	-.004460
#3	-.001266	-.055933	-.005059	.2826043	.709351	.0062484	-.004418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.76993	-.116064	-.545667	-.004869	-.009326	-.001116	.0062903
Stddev	.06002	.000973	.004467	.000246	.001402	.003980	.0005208
%RSD	1.592117	.8385438	.8186234	5.047828	15.03683	356.6030	8.279157

#1	-3.76012	-.115965	-.550301	-.004663	-.009278	-.004176	.0059341
#2	-3.83425	-.117083	-.541388	-.004802	-.010751	-.002554	.0068880
#3	-3.71542	-.115145	-.545313	-.005141	-.007948	.003383	.0060488

Sample Name: ZR 50PPM Acquired: 1/3/2025 16:58:03 Type: Unk
 Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0051318	-.002263	-.002800
Stddev	.0003477	.001391	.000009
%RSD	6.775095	61.46562	.3168950

#1	.0054922	-.003827	-.002794
#2	.0051049	-.001168	-.002810
#3	.0047984	-.001793	-.002796

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3196.478	49284.78	8620.610	1893.129	4289.315
Stddev	5.872	92.64	57.838	4.910	6.812
%RSD	.1837094	.1879740	.6709324	.2593426	.1588214

#1	3202.669	49386.77	8553.835	1894.673	4297.162
#2	3195.778	49205.83	8655.070	1887.632	4285.863
#3	3190.987	49261.75	8652.925	1897.081	4284.919

Sample Name: CCV003 Acquired: 1/3/2025 17:02:11 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986721	5.012719	25.01838	4.976781	4.988568	402.0436	10.39523
Stddev	.019435	.017577	.06488	.010143	.006861	1.3492	.14234
%RSD	.3897355	.3506417	.2593155	.2038052	.1375299	.3355834	1.369282

#1	4.970191	5.026987	25.03087	4.965934	4.987450	400.7122	10.24786
#2	4.981842	4.993084	24.94817	4.978379	4.982335	403.4099	10.40590
#3	5.008131	5.018085	25.07610	4.986031	4.995919	402.0088	10.53194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5072700	2.519702	410.7581	15.77338	2.529627	15.12792	404.7059
Stddev	.0013152	.006189	1.2995	.01701	.006575	.03829	.7334
%RSD	.2592779	.2456153	.3163593	.1078360	.2599109	.2531371	.1812223

#1	.5065525	2.520606	411.3543	15.75450	2.528727	15.17151	404.7644
#2	.5064695	2.513110	411.6524	15.78751	2.523548	15.11253	405.4083
#3	.5087879	2.525389	409.2675	15.77814	2.536605	15.09972	403.9450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.52825	401.3186	2.530052	1.293459	401.9964	2.514503	15.40362
Stddev	.06543	.8197	.003847	.001430	.8943	.007891	.04374
%RSD	.4213661	.2042497	.1520614	.1105615	.2224539	.3138346	.2839519

#1	15.55890	401.0243	2.530763	1.294216	401.9432	2.521108	15.44934
#2	15.57272	402.2448	2.525899	1.291810	402.9160	2.505764	15.36217
#3	15.45312	400.6867	2.533495	1.294351	401.1299	2.516638	15.39936

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.9342	5.051699	5.173077	4.902269	5.134167	5.103115	5.078900
Stddev	.1112	.006436	.006520	.007662	.004959	.011192	.013469
%RSD	.0722537	.1273995	.1260392	.1562935	.0965930	.2193129	.2651915

#1	153.8061	5.056911	5.170229	4.898807	5.128443	5.093146	5.078426
#2	154.0062	5.044506	5.168466	4.896950	5.137163	5.100977	5.065674
#3	153.9903	5.053680	5.180537	4.911051	5.136895	5.115221	5.092599

Sample Name: CCV003 Acquired: 1/3/2025 17:02:11 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.054260	5.210383	5.190470
Stddev	.003029	.023964	.017087
%RSD	.0599327	.4599345	.3291898

#1	5.054162	5.220542	5.210119
#2	5.057336	5.227595	5.179107
#3	5.051280	5.183013	5.182183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.393	42460.58	7798.637	1495.958	3227.231
Stddev	4.440	46.97	33.577	4.586	8.597
%RSD	.1706715	.1106291	.4305504	.3065361	.2663788

#1	2601.160	42491.81	7811.688	1496.989	3222.890
#2	2605.945	42483.36	7823.729	1499.940	3237.133
#3	2597.075	42406.56	7760.494	1490.944	3221.671

Sample Name: CCB003 Acquired: 1/3/2025 17:06:22 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000760	-.002020	-.003409	-.001009	-.000322	-.003998
Stddev	.003948	.001132	.000764	.001675	.002404	.004973
%RSD	519.2240	56.00707	22.41281	165.9816	747.6489	124.3865

#1	-.004246	-.001147	-.003568	-.000634	.002130	-.005143
#2	-.001563	-.003298	-.004082	.000446	-.000421	-.008300
#3	.003528	-.001616	-.002578	-.002840	-.002674	.001447

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024261	-.000060	-.000492	-.044732	-.002846	-.000780
Stddev	.0006972	.000066	.000086	.009695	.000116	.000140
%RSD	28.73578	109.2518	17.49416	21.67424	4.062131	17.90280

#1	.0032164	-.000137	-.000574	-.038872	-.002979	-.000677
#2	.0018985	-.000020	-.000402	-.039401	-.002767	-.000723
#3	.0021633	-.000024	-.000500	-.055923	-.002793	-.000938

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000940	-.019939	-.002495	-.058113	-.001152	.0008226
Stddev	.001608	.003454	.000189	.016910	.000406	.0001002
%RSD	170.9694	17.32069	7.588990	29.09883	35.20663	12.18161

#1	-.002425	-.023410	-.002276	-.073579	-.001207	.0007075
#2	-.001164	-.019904	-.002603	-.060703	-.001528	.0008899
#3	.000767	-.016503	-.002606	-.040057	-.000722	.0008705

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7771070	.0008706	-.003690	-.038106	-.002329	F .0159630
Stddev	.3204155	.0020186	.000277	.113069	.001620	.0005899
%RSD	41.23184	231.8594	7.511155	296.7244	69.56304	3.695527

#1	1.010725	-.000781	-.003963	-.154781	-.000894	.0165592
#2	.411837	.000272	-.003700	.070975	-.002007	.0153795
#3	.908759	.003121	-.003409	-.030512	-.004086	.0159502

Sample Name: CCB003 Acquired: 1/3/2025 17:06:22 Type: Unk
Method: EPA SFAM01.0(v26) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000670	-.003580	.0010192	-.001190	-.000493	.0044067
Stddev	.000123	.000537	.0027406	.000656	.000223	.0020132
%RSD	18.40138	14.99110	268.8862	55.16589	45.35918	45.68499

#1	-.000738	-.002977	.0041007	-.000482	-.000239	.0020852
#2	-.000745	-.004005	.0001023	-.001308	-.000576	.0056713
#3	-.000528	-.003759	-.001145	-.001778	-.000662	.0054638

Elem	Sr4077
Units	ppm
Avg	-.000864
Stddev	.000050
%RSD	5.751349

#1	-.000847
#2	-.000824
#3	-.000919

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3067.914	50461.57	8156.222	1806.260	4052.409
Stddev	4.783	171.60	17.722	11.903	2.241
%RSD	.1559167	.3400706	.2172800	.6589816	.0552933

#1	3064.953	50648.66	8138.409	1818.184	4051.568
#2	3073.433	50311.49	8156.406	1806.216	4054.949
#3	3065.357	50424.57	8173.851	1794.378	4050.711

Sample Name: CCV004 Acquired: 1/3/2025 18:59:45 Type: Unk
Method: EPA SFAM01.0(v23) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.031089	5.086748	25.02187	5.044525	5.020810	394.1277
Stddev	.007725	.039447	.01705	.013023	.006159	1.2282
%RSD	.1535377	.7754891	.0681394	.2581538	.1226634	.3116283

#1	5.030642	5.125798	25.04142	5.057448	5.023995	393.0401
#2	5.023598	5.087531	25.01413	5.044723	5.024725	393.8833
#3	5.039028	5.046915	25.01006	5.031405	5.013711	395.4597

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18882	.5021724	2.522152	405.9044	15.40709	2.516374
Stddev	.09161	.0018754	.005060	1.8922	.03609	.002619
%RSD	.8991509	.3734476	.2006129	.4661660	.2342376	.1040835

#1	10.10974	.5037978	2.527954	406.2519	15.41793	2.519049
#2	10.28921	.5001205	2.518657	407.5988	15.43652	2.516258
#3	10.16752	.5025988	2.519843	403.8625	15.36683	2.513815

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.81890	394.4567	15.25778	388.2589	2.519761	1.257369
Stddev	.06648	1.4558	.10575	1.2848	.000802	.002579
%RSD	.4486229	.3690718	.6930989	.3309088	.0318351	.2051218

#1	14.88665	394.3791	15.29257	387.7123	2.520000	1.258976
#2	14.81629	395.9498	15.34175	389.7266	2.520416	1.258736
#3	14.75377	393.0412	15.13901	387.3378	2.518866	1.254394

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	393.7218	2.504957	14.65452	147.7350	5.128008	F 4.000583
Stddev	2.2052	.007919	.11983	.5810	.016845	.018113
%RSD	.5600844	.3161201	.8177298	.3932999	.3284826	.4527537

#1	395.8157	2.512973	14.77406	147.4708	5.145798	4.011208
#2	393.9298	2.497140	14.65510	148.4012	5.125921	3.979668
#3	391.4201	2.504758	14.53439	147.3330	5.112303	4.010871

Sample Name: CCV004 Acquired: 1/3/2025 18:59:45 Type: Unk
Method: EPA SFAM01.0(v23) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.845637	5.177591	4.999555	5.059026	4.960976	5.120781
Stddev	.003688	.011151	.017082	.012981	.016933	.032758
%RSD	.0761088	.2153736	.3416708	.2565930	.3413258	.6397145

#1	4.844041	5.178244	5.019172	5.074009	4.980524	5.133079
#2	4.849854	5.188402	4.991535	5.051913	4.950836	5.145610
#3	4.843015	5.166128	4.987959	5.051157	4.951568	5.083653

Elem	Sr4077
Units	ppm
Avg	4.924411
Stddev	.038521
%RSD	.7822448

#1	4.958099
#2	4.932719
#3	4.882413

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.255	42992.07	7904.466	1516.512	3201.300
Stddev	3.932	101.66	30.603	6.364	8.992
%RSD	.1523901	.2364560	.3871638	.4196280	.2808716

#1	2577.311	43066.86	7903.608	1510.486	3193.111
#2	2578.734	42876.32	7935.489	1515.881	3199.867
#3	2584.721	43033.03	7874.300	1523.167	3210.922

Sample Name: CCB004 Acquired: 1/3/2025 19:03:53 Type: Unk
Method: EPA SFAM01.0(v23) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000778	.0001567	-.004123	-.000702	-.000367	.0075476	.0020508
Stddev	.001426	.0006873	.000286	.001362	.002037	.0071518	.0009084
%RSD	183.3503	438.5165	6.925143	193.9189	554.7748	94.75639	44.29303

#1	-.002296	.0008545	-.004296	.000041	-.000933	.0122467	.0012009
#2	.000535	-.000520	-.003794	-.002274	-.002061	.0110792	.0030081
#3	-.000572	.000135	-.004280	.000126	.001893	-.000683	.0019434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000498	-.020716	-.002127	-.000620	-.000815	.0028536
Stddev	.000035	.000120	.006653	.000411	.000164	.002271	.0080573
%RSD	130.6528	24.09577	32.11544	19.32195	26.37780	278.7501	282.3564

#1	-.000015	-.000364	-.020289	-.002181	-.000458	.001669	.0114900
#2	.000001	-.000537	-.014287	-.001691	-.000785	-.002785	.0015319
#3	-.000065	-.000594	-.027572	-.002507	-.000618	-.001328	-.004461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001892	-.021517	-.000923	.0001218	.8932314	.0022275	-.002340
Stddev	.000306	.016830	.000285	.0001314	.4167754	.0009128	.000337
%RSD	16.16250	78.21859	30.86969	107.8460	46.65929	40.97888	14.41174

#1	-.002155	-.032253	-.000995	-.000000	.9202573	.0032578	-.002252
#2	-.001964	-.002120	-.001165	.000105	.4636007	.0015197	-.002712
#3	-.001557	-.030178	-.000609	.000261	1.295836	.0019051	-.002055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023823	-.002444	.0093128	-.000549	-.001830	.0000603	-.001752
Stddev	.105649	.001945	.0005743	.000359	.003091	.0015479	.000499
%RSD	443.4732	79.59714	6.167272	65.43737	168.9084	2567.374	28.51260

#1	-.049201	-.003402	.0098413	-.000474	-.000468	.0018244	-.001881
#2	.092204	-.000205	.0093954	-.000233	-.005368	-.001071	-.001200
#3	-.114472	-.003724	.0087016	-.000940	.000346	-.000573	-.002173

Sample Name: CCB004 Acquired: 1/3/2025 19:03:53 Type: Unk
Method: EPA SFAM01.0(v23) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000614	.0008804	-.000773
Stddev	.000679	.0008892	.000024
%RSD	110.6067	100.9972	3.155327

#1	-.001306	.0014914	-.000800
#2	-.000590	.0012896	-.000766
#3	.000052	-.000140	-.000752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3140.968	51049.94	8204.119	1816.064	4195.586
Stddev	11.224	445.17	47.097	5.067	16.955
%RSD	.3573530	.8720362	.5740643	.2790138	.4041081

#1	3140.231	50538.15	8153.509	1810.214	4198.438
#2	3152.543	51264.17	8246.660	1818.924	4210.933
#3	3130.131	51347.50	8212.188	1819.055	4177.385

Sample Name: CA 450PPM-1 Acquired: 1/3/2025 19:23:06 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002042	-.004083	-.002545	-.006400	.0014446	-.085055	.0039087
Stddev	.001773	.002082	.001068	.001215	.0014529	.008616	.0000332
%RSD	86.82614	50.99523	41.94834	18.99256	100.5754	10.12971	.8489843

#1	-.001977	-.006462	-.002973	-.007661	.0013477	-.076131	.0038960
#2	-.000302	-.002593	-.003332	-.006301	.0000426	-.085709	.0038836
#3	-.003846	-.003194	-.001330	-.005237	.0029435	-.093325	.0039463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000143	-.000585	467.1814	-.003084	-.001399	.0005021	-.013210
Stddev	.000032	.000008	3.5381	.000137	.000322	.0013101	.003053
%RSD	21.99565	1.440655	.7573284	4.449513	23.02426	260.8953	23.11124

#1	-.000179	-.000575	466.4904	-.003155	-.001120	-.000887	-.012633
#2	-.000133	-.000587	464.0398	-.002926	-.001751	.001715	-.010487
#3	-.000118	-.000592	471.0141	-.003171	-.001325	.000678	-.016510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001388	-.054100	-.000676	-.000338	.0773916	.0009998	-.003122
Stddev	.000297	.015475	.000333	.000210	.7399977	.0021773	.000211
%RSD	21.42227	28.60456	49.17619	61.98975	956.1727	217.7669	6.773484

#1	-.001054	-.064046	-.000939	-.000326	-.666956	.0034957	-.003365
#2	-.001484	-.036271	-.000302	-.000135	.812961	.0000136	-.002986
#3	-.001625	-.061983	-.000788	-.000554	.086170	-.000510	-.003014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.72511	-.004572	.0006595	-.000411	-.001378	-.000240	-.022900
Stddev	.01523	.001016	.0016559	.000212	.002208	.002707	.000819
%RSD	.4089135	22.22078	251.0889	51.54355	160.2375	1128.445	3.577342

#1	-3.70872	-.005030	.0015581	-.000655	-.000793	.001556	-.022246
#2	-3.73883	-.005279	-.001251	-.000301	.000478	-.003354	-.023819
#3	-3.72778	-.003408	.001672	-.000276	-.003820	.001078	-.022635

Sample Name: CA 450PPM-1 Acquired: 1/3/2025 19:23:06 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.012398	.0038909	.0014527
Stddev	.001114	.0012745	.0001347
%RSD	8.987947	32.75483	9.270879

#1	-.013678	.0039627	.0014726
#2	-.011873	.0051279	.0013091
#3	-.011643	.0025821	.0015762

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.686	47746.76	8138.667	1713.336	3877.900
Stddev	6.083	127.94	46.216	2.592	7.637
%RSD	.2011171	.2679654	.5678570	.1513058	.1969376

#1	3031.594	47707.28	8090.932	1710.624	3886.654
#2	3020.128	47889.79	8141.872	1713.595	3872.601
#3	3022.337	47643.20	8183.197	1715.789	3874.445

Sample Name: AL 250PPM-1 Acquired: 1/3/2025 19:27:22 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000820	.0013250	.0010789	.0038458	-.001740	218.7874	.0070735
Stddev	.002730	.0010126	.0018456	.0014747	.001824	.7087	.0010739
%RSD	333.0134	76.42326	171.0634	38.34467	104.8345	.3239040	15.18174

#1	-.002787	.0021430	.0028534	.0023973	-.000347	218.6697	.0074268
#2	-.001970	.0001924	-.000830	.0037948	-.003804	218.1450	.0058674
#3	.002297	.0016397	.001214	.0053453	-.001069	219.5476	.0079262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	-.001364	.0077095	-.002237	-.000842	-.001360	-.017148
Stddev	.000023	.000061	.0050267	.000150	.000290	.002166	.007078
%RSD	18.39848	4.492244	65.20121	6.692946	34.39673	159.2951	41.27839

#1	-.000149	-.001419	.0135083	-.002358	-.001009	.001106	-.009556
#2	-.000106	-.001298	.0050303	-.002069	-.000508	-.002955	-.018322
#3	-.000114	-.001375	.0045900	-.002283	-.001011	-.002231	-.023565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001940	-.057106	-.000904	.0000644	1.208559	.0010542	-.001876
Stddev	.000452	.013759	.000215	.0001479	.246325	.0011633	.000805
%RSD	23.31300	24.09424	23.76015	229.6981	20.38173	110.3491	42.91424

#1	-.001452	-.071336	-.000663	.0002340	1.164351	.0004855	-.001173
#2	-.002023	-.043872	-.000973	-.000038	1.473995	.0002846	-.001701
#3	-.002345	-.056110	-.001076	-.000003	.987331	.0023923	-.002755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.67769	-.002208	-.000015	-.000837	.0054164	-.004854	-.017724
Stddev	.04602	.001051	.000407	.000458	.0013370	.002416	.000582
%RSD	1.251226	47.58482	2741.133	54.75194	24.68434	49.78572	3.286421

#1	-3.72062	-.002558	.000448	-.000456	.0065734	-.003395	-.017054
#2	-3.68335	-.003040	-.000316	-.001346	.0039527	-.007643	-.018006
#3	-3.62911	-.001027	-.000176	-.000710	.0057231	-.003523	-.018111

Sample Name: AL 250PPM-1 Acquired: 1/3/2025 19:27:22 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001214	-.003261	-.001002
Stddev	.000463	.000265	.000062
%RSD	38.14692	8.121864	6.183472

#1	-.001634	-.003125	-.000956
#2	-.001291	-.003566	-.001073
#3	-.000717	-.003092	-.000978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.765	49481.55	8612.350	1835.580	4147.681
Stddev	7.920	75.88	29.736	1.727	8.974
%RSD	.2486056	.1533571	.3452743	.0940740	.2163643

#1	3178.365	49412.70	8597.303	1837.468	4137.546
#2	3184.811	49562.91	8593.145	1834.080	4150.882
#3	3194.118	49469.03	8646.603	1835.194	4154.616

Sample Name: K 450PPM-1 Acquired: 1/3/2025 19:31:31 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001555	-.001487	-.005655	-.000861	-.000705	-.010194	.0043693
Stddev	.001350	.001195	.001201	.000724	.000650	.002809	.0007365
%RSD	86.77028	80.38308	21.24334	84.11988	92.26310	27.55922	16.85529

#1	-.001587	-.002292	-.004978	-.001236	-.000284	-.012760	.0048812
#2	-.002889	-.002055	-.007042	-.001320	-.001454	-.010631	.0035253
#3	-.000190	-.000114	-.004945	-.000026	-.000377	-.007192	.0047014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000063	-.000566	-.040470	-.002494	-.001266	-.000394	-.004429
Stddev	.000018	.000079	.004970	.000065	.000131	.001420	.003675
%RSD	28.56356	14.03091	12.28095	2.613760	10.33328	360.5042	82.95714

#1	-.000076	-.000499	-.045912	-.002566	-.001139	-.000069	-.000528
#2	-.000042	-.000546	-.039328	-.002438	-.001260	.000836	-.004936
#3	-.000071	-.000654	-.036170	-.002477	-.001400	-.001949	-.007824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001624	-.055275	-.000943	.0002814	.7732733	.0014692	-.002822
Stddev	.000077	.010497	.000583	.0004060	.1850731	.0006668	.000189
%RSD	4.727678	18.99039	61.83097	144.2830	23.93372	45.38817	6.688355

#1	-.001713	-.058138	-.001419	.0007222	.5597287	.0010410	-.002771
#2	-.001578	-.043644	-.001118	-.000077	.8728974	.0022376	-.003030
#3	-.001582	-.064044	-.000293	.000199	.8871936	.0011291	-.002663

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.8441	-.003882	-.000588	-.001134	-.003857	-.002871	-.018881
Stddev	.9581	.001906	.000657	.000121	.002089	.002145	.000993
%RSD	.2320835	49.10371	111.7219	10.63486	54.16815	74.70719	5.259873

#1	412.2768	-.002096	-.001053	-.001219	-.005859	-.003419	-.018379
#2	413.9503	-.005889	.000163	-.001186	-.001690	-.004688	-.018239
#3	412.3051	-.003661	-.000874	-.000996	-.004021	-.000505	-.020025

Sample Name: K 450PPM-1 Acquired: 1/3/2025 19:31:31 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000625	-.003239	-.001087
Stddev	.000944	.001181	.000063
%RSD	151.0956	36.47074	5.750922

#1	-.000231	-.004503	-.001156
#2	.000059	-.002164	-.001071
#3	-.001702	-.003049	-.001034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3092.244	48843.12	8347.229	1781.747	3887.927
Stddev	10.697	112.60	27.640	10.657	11.071
%RSD	.3459256	.2305428	.3311321	.5980981	.2847450

#1	3096.110	48950.93	8357.022	1787.737	3887.290
#2	3080.152	48726.26	8368.639	1769.443	3877.189
#3	3100.470	48852.16	8316.025	1788.061	3899.303

Sample Name: MG 500PPM-1 Acquired: 1/3/2025 19:35:41 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011661	-.002444	-.004566	-.001131	-.000034	-.013090	.0033577
Stddev	.0012877	.001268	.001292	.000982	.001492	.003290	.0007129
%RSD	110.4251	51.88537	28.29887	86.86404	4424.528	25.13174	21.23325

#1	-.000306	-.001473	-.005095	-.000323	.001578	-.015923	.0025601
#2	.001722	-.001979	-.003094	-.000845	-.000311	-.009482	.0035801
#3	.002083	-.003878	-.005510	-.002224	-.001368	-.013865	.0039329

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000084	-.000603	.0003358	-.001981	-.000793	-.002301	-.020615
Stddev	.000025	.000027	.0173269	.000398	.000228	.001690	.007852
%RSD	29.89534	4.493966	5159.944	20.11690	28.72962	73.46522	38.08703

#1	-.000059	-.000597	.0062913	-.001535	-.000690	-.003351	-.029677
#2	-.000083	-.000579	-.019183	-.002304	-.000635	-.000351	-.015860
#3	-.000110	-.000632	.013900	-.002103	-.001054	-.003200	-.016307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000385	462.7344	.0017340	.0005018	1.035351	.0029745	.0152349
Stddev	.000078	1.0452	.0001875	.0003048	.433274	.0020571	.0005441
%RSD	20.15529	.2258651	10.81158	60.73747	41.84807	69.15754	3.571571

#1	-.000383	461.5976	.0015394	.0008419	1.290258	.0049958	.0147254
#2	-.000463	462.9521	.0017493	.0002531	.535079	.0030441	.0151714
#3	-.000308	463.6536	.0019134	.0004106	1.280715	.0008835	.0158080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.86185	.0032459	-.000266	-.001280	.0038733	-.003906	-.018913
Stddev	.04985	.0026080	.000189	.000158	.0012586	.001634	.000450
%RSD	1.290834	80.34660	70.99835	12.35469	32.49379	41.83642	2.378337

#1	-3.91768	.0016194	-.000287	-.001300	.0024529	-.003353	-.018406
#2	-3.82180	.0062540	-.000443	-.001427	.0043173	-.002620	-.019265
#3	-3.84606	.0018643	-.000067	-.001113	.0048497	-.005744	-.019067

Sample Name: MG 500PPM-1 Acquired: 1/3/2025 19:35:41 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001248	-.004922	-.001104
Stddev	.000572	.001085	.000106
%RSD	45.85675	22.04049	9.616426

#1	-.001773	-.006112	-.001226
#2	-.000638	-.004665	-.001034
#3	-.001334	-.003988	-.001052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2973.224	48093.97	8255.745	1737.728	3779.439
Stddev	7.541	183.91	53.045	7.408	12.494
%RSD	.2536429	.3823958	.6425250	.4263039	.3305779

#1	2976.360	48141.56	8217.289	1738.957	3789.207
#2	2978.690	47890.94	8233.685	1729.782	3783.750
#3	2964.620	48249.40	8316.260	1744.444	3765.361

Sample Name: NA 500PPM-1 Acquired: 1/3/2025 19:39:49 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001208	-.001941	-.004703	.0018939	-.000823	-.017270	.0041831
Stddev	.000753	.002414	.001243	.0043705	.000502	.004743	.0007046
%RSD	62.36520	124.4130	26.42139	230.7684	60.93306	27.46439	16.84450

#1	-.000841	-.004100	-.003843	-.000416	-.001358	-.021448	.0048740
#2	-.000709	-.002388	-.004139	-.000837	-.000750	-.012114	.0042100
#3	-.002075	.000666	-.006128	.006935	-.000362	-.018246	.0034655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000120	-.000624	-.041152	-.002181	-.000842	-.000848	-.025148
Stddev	.000074	.000065	.003043	.000269	.000283	.003872	.006714
%RSD	61.44916	10.37256	7.395353	12.34944	33.57637	456.7297	26.69876

#1	-.000057	-.000558	-.039492	-.001903	-.000530	.003539	-.029092
#2	-.000201	-.000628	-.039300	-.002441	-.000918	-.003791	-.028957
#3	-.000103	-.000687	-.044665	-.002199	-.001080	-.002290	-.017396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001496	-.031975	-.000262	.0000198	467.6562	.0014009	-.002200
Stddev	.000132	.018334	.000391	.0003075	1.8245	.0022045	.000235
%RSD	8.847698	57.33924	149.4553	1550.039	.3901286	157.3594	10.66490

#1	-.001647	-.037934	-.000647	.0002836	466.8669	.0038331	-.002413
#2	-.001441	-.046588	.000135	.0000938	469.7425	.0008351	-.001949
#3	-.001400	-.011402	-.000273	-.000318	466.3594	-.000466	-.002239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.68460	-.001606	-.000975	-.001020	-.002581	-.004442	-.018733
Stddev	.07990	.001868	.001284	.000095	.001403	.002752	.000650
%RSD	2.168454	116.2902	131.6800	9.296484	54.34525	61.95606	3.471739

#1	-3.75410	-.000075	-.000967	-.001110	-.001170	-.006257	-.018851
#2	-3.70239	-.001057	-.002262	-.001029	-.002598	-.001275	-.018032
#3	-3.59730	-.003687	.000305	-.000921	-.003975	-.005794	-.019317

Sample Name: NA 500PPM-1 Acquired: 1/3/2025 19:39:49 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000763	-.005477	-.001139
Stddev	.000521	.001100	.000060
%RSD	68.35638	20.08747	5.249148

#1	-.000167	-.004294	-.001082
#2	-.000987	-.006470	-.001201
#3	-.001135	-.005668	-.001132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3053.149	48401.96	8304.283	1783.354	3787.015
Stddev	3.310	71.84	19.968	3.920	8.216
%RSD	.1084013	.1484187	.2404515	.2198009	.2169497

#1	3050.637	48389.26	8289.791	1780.541	3778.566
#2	3056.899	48479.30	8295.999	1787.832	3787.504
#3	3051.909	48337.32	8327.060	1781.691	3794.976

Sample Name: FE 450PPM-1 Acquired: 1/3/2025 19:43:59 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003178	-.001813	-.001043	.0025833	.0082380	-.048924	.0044895
Stddev	.002198	.001768	.001703	.0029045	.0002040	.007967	.0012623
%RSD	69.15690	97.56035	163.2441	112.4363	2.475741	16.28416	28.11643

#1	-.004763	-.000181	-.001536	.0012522	.0080577	-.046471	.0044943
#2	-.004101	-.001565	-.002446	.0059147	.0084593	-.042472	.0057493
#3	-.000669	-.003692	.000852	.0005828	.0081969	-.057829	.0032248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	.0017152	2.898165	-.006770	.0102331	-.002508	436.1596
Stddev	.000253	.0001168	.039549	.000204	.0002073	.003525	1.8808
%RSD	1329.931	6.807802	1.364629	3.006200	2.025895	140.5323	.4312220

#1	-.000310	.0015922	2.929264	-.006720	.0102566	.001527	437.9602
#2	.000149	.0017288	2.911577	-.006994	.0104276	-.004988	436.3110
#3	.000104	.0018246	2.853654	-.006596	.0100150	-.004063	434.2077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141603	-.149931	.0138173	.0043589	.8046252	-.006723	.0013790
Stddev	.0002952	.006587	.0000585	.0004947	.4701872	.001911	.0006059
%RSD	2.085082	4.393297	.4234093	11.34785	58.43556	28.43172	43.94174

#1	.0144975	-.143694	.0138745	.0047037	.2891391	-.007346	.0015968
#2	.0140350	-.156819	.0138198	.0045810	1.209954	-.008245	.0006942
#3	.0139483	-.149280	.0137576	.0037922	.914783	-.004577	.0018459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.67900	.0137907	.2643544	-.005252	-.015805	-.001982	-.016777
Stddev	.06731	.0012475	.0162879	.000044	.002952	.002672	.000060
%RSD	1.829598	9.045859	6.161395	.8439819	18.67526	134.8249	.3555525

#1	-3.66624	.0139441	.2806897	-.005221	-.012492	.000650	-.016721
#2	-3.61898	.0149544	.2642591	-.005231	-.016768	-.004692	-.016840
#3	-3.75177	.0124736	.2481143	-.005303	-.018155	-.001904	-.016770

Sample Name: FE 450PPM-1 Acquired: 1/3/2025 19:43:59 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000107	-.005085	-.437319
Stddev	.000716	.000514	.001913
%RSD	670.1659	10.10934	.4373561

#1	.000697	-.004529	-.439119
#2	-.000341	-.005543	-.437527
#3	-.000676	-.005183	-.435311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3176.034	52201.83	8442.915	1857.567	4225.920
Stddev	10.636	125.99	44.573	10.615	7.122
%RSD	.3348790	.2413421	.5279313	.5714667	.1685320

#1	3181.999	52205.29	8493.501	1855.735	4231.012
#2	3182.348	52074.16	8409.404	1847.986	4228.966
#3	3163.754	52326.05	8425.840	1868.979	4217.781

Sample Name: MN 45PPM-1 Acquired: 1/3/2025 19:48:06 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003954	-.007186	.0017450	.0001212	-.001323	-.016717	.0015494
Stddev	.001685	.001616	.0003083	.0022868	.001350	.007262	.0003057
%RSD	42.61293	22.48772	17.66621	1887.689	102.0550	43.44266	19.72911

#1	-.005829	-.009006	.0014569	.0018615	-.000489	-.018912	.0018761
#2	-.003464	-.005917	.0017080	.0009708	-.000600	-.022628	.0012704
#3	-.002568	-.006636	.0020701	-.002469	-.002881	-.008610	.0015016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005864	-.000523	.0187637	.0008867	.0008491	.0033667	.0300425
Stddev	.0000546	.000080	.0073881	.0001993	.0001460	.0022891	.0066662
%RSD	9.313644	15.36663	39.37444	22.47569	17.19862	67.99408	22.18916

#1	.0006256	-.000451	.0270107	.0006568	.0006811	.0053696	.0316846
#2	.0005241	-.000509	.0127498	.0010098	.0009454	.0008714	.0357342
#3	.0006096	-.000610	.0165306	.0009935	.0009210	.0038589	.0227088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.50057	-.172362	.0046558	.0061660	.7448274	-.005940	.0020282
Stddev	.26066	.003650	.0002568	.0001767	.4224322	.001547	.0005473
%RSD	.5857477	2.117687	5.516262	2.865933	56.71545	26.04747	26.98583

#1	44.68007	-.168177	.0046263	.0061216	1.066600	-.007725	.0017412
#2	44.62005	-.174018	.0049261	.0060158	.266458	-.005109	.0026593
#3	44.20158	-.174890	.0044150	.0063607	.901424	-.004986	.0016840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.67827	-.000681	.0004653	-.003228	-.015298	.0027859	-.018650
Stddev	.07559	.000356	.0003851	.000233	.000703	.0014437	.000627
%RSD	2.055036	52.17907	82.75150	7.219517	4.595748	51.82206	3.363719

#1	-3.59141	-.001092	.0005694	-.003477	-.014694	.0041549	-.019320
#2	-3.71430	-.000462	.0000389	-.003015	-.016070	.0012775	-.018553
#3	-3.72911	-.000491	.0007877	-.003192	-.015131	.0029254	-.018076

Sample Name: MN 45PPM-1 Acquired: 1/3/2025 19:48:06 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000127	-.003420	-.001036
Stddev	.0002768	.000970	.000061
%RSD	2182.459	28.35261	5.904356

#1	-.000297	-.004538	-.001044
#2	.000237	-.002796	-.001093
#3	.000097	-.002928	-.000971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.977	52420.07	8435.636	1893.667	4297.152
Stddev	14.751	92.47	9.342	8.817	24.235
%RSD	.4578212	.1764014	.1107478	.4656203	.5639745

#1	3229.356	52412.63	8440.003	1895.158	4310.556
#2	3231.583	52331.55	8441.995	1884.199	4311.724
#3	3204.993	52516.04	8424.910	1901.644	4269.176

Sample Name: CU 50PPM-1 Acquired: 1/3/2025 19:52:23 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001848	-.002249	.0018355	-.003736	.0018223	.0111496	.0008695
Stddev	.001798	.001285	.0003237	.003510	.0011226	.0074484	.0004701
%RSD	97.26012	57.13279	17.63621	93.95357	61.60351	66.80370	54.05943

#1	.000150	-.001061	.0021304	-.001761	.0030211	.0025830	.0007348
#2	-.002361	-.003612	.0018870	-.007788	.0016500	.0147709	.0004815
#3	-.003334	-.002074	.0014891	-.001658	.0007958	.0160949	.0013922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000162	-.000300	-.043346	-.000289	-.000540	49.00897	-.021089
Stddev	.000088	.000055	.001940	.000148	.000280	.12178	.004498
%RSD	54.32310	18.31296	4.475468	51.30699	51.87845	.2484791	21.32873

#1	-.000262	-.000286	-.043250	-.000458	-.000354	49.08920	-.025881
#2	-.000121	-.000361	-.041457	-.000220	-.000863	48.86885	-.016959
#3	-.000101	-.000254	-.045333	-.000187	-.000405	49.06887	-.020426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038209	-.045786	-.000884	.0007842	.8431452	-.001672	-.007052
Stddev	.0007677	.018046	.000377	.0001271	.3081124	.000750	.000616
%RSD	20.09241	39.41409	42.68355	16.20516	36.54322	44.89742	8.733769

#1	.0043909	-.046142	-.001315	.0007919	1.172746	-.001142	-.007226
#2	.0041239	-.027564	-.000717	.0009072	.794344	-.002530	-.006368
#3	.0029480	-.063651	-.000619	.0006534	.562345	-.001343	-.007563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.65323	-.047422	-.000769	-.000924	-.006146	-.001435	-.021017
Stddev	.04322	.004068	.000305	.000226	.001799	.001788	.000593
%RSD	1.183016	8.577395	39.68363	24.39927	29.27668	124.5840	2.823008

#1	-3.60970	-.044087	-.000533	-.001152	-.008131	.000024	-.021661
#2	-3.65386	-.046226	-.000660	-.000701	-.004622	-.003430	-.020493
#3	-3.69613	-.051954	-.001113	-.000920	-.005684	-.000900	-.020896

Sample Name: CU 50PPM-1 Acquired: 1/3/2025 19:52:23 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001222	-.003016	-.001001
Stddev	.002036	.000284	.000072
%RSD	166.6128	9.414602	7.223456

#1	-.002057	-.002927	-.001041
#2	.001099	-.002787	-.001045
#3	-.002707	-.003334	-.000918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3080.209	53060.01	8297.089	1908.310	4153.397
Stddev	24.857	47.09	41.838	1.917	23.942
%RSD	.8069954	.0887515	.5042444	.1004355	.5764496

#1	3085.274	53054.13	8345.174	1910.079	4162.040
#2	3102.143	53109.76	8269.016	1908.578	4171.818
#3	3053.209	53016.13	8277.076	1906.274	4126.333

Sample Name: ZN 35PPM-1 Acquired: 1/3/2025 19:56:32 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008214	-.003902	-.004567	-.002400	-.001167	-.018943	.0011611
Stddev	.001667	.000988	.001087	.001503	.001460	.003987	.0003042
%RSD	20.29653	25.31801	23.80332	62.62962	125.0854	21.04790	26.19713

#1	-.006349	-.002900	-.003323	-.000669	-.002847	-.023365	.0012765
#2	-.009560	-.004875	-.005044	-.003156	-.000198	-.017842	.0013908
#3	-.008732	-.003932	-.005335	-.003374	-.000457	-.015622	.0008161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000106	-.000904	-.052831	-.001320	-.000587	.0027048	-.023357
Stddev	.000083	.000010	.005657	.000207	.000065	.0009525	.001228
%RSD	78.52612	1.147707	10.70835	15.69222	11.04665	35.21580	5.258803

#1	-.000120	-.000916	-.050101	-.001090	-.000594	.0035011	-.023264
#2	-.000017	-.000900	-.049056	-.001376	-.000519	.0016496	-.022178
#3	-.000182	-.000896	-.059335	-.001493	-.000647	.0029636	-.024629

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001284	-.058235	-.000308	.0001762	.5329855	.0019286	33.11803
Stddev	.000037	.001855	.000383	.0002672	.3657177	.0012032	.30014
%RSD	2.856165	3.185528	124.4184	151.5943	68.61683	62.38691	.9062665

#1	-.001325	-.057226	-.000470	.0002140	.8958893	.0030998	33.43639
#2	-.001254	-.060376	.000130	-.000108	.5385496	.0019900	32.84024
#3	-.001272	-.057103	-.000583	.000423	.1645174	.0006958	33.07744

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70032	-.003816	-.001924	-.008786	-.004213	.0003403	-.018759
Stddev	.02033	.001255	.000752	.000207	.001907	.0034674	.000766
%RSD	.5494140	32.87451	39.09585	2.351689	45.27866	1019.001	4.083550

#1	-3.72164	-.002381	-.002786	-.008954	-.006376	-.000030	-.017907
#2	-3.68116	-.004701	-.001402	-.008555	-.003491	.003978	-.019390
#3	-3.69815	-.004367	-.001584	-.008849	-.002771	-.002927	-.018979

Sample Name: ZN 35PPM-1 Acquired: 1/3/2025 19:56:32 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001266	-.003175	-.001162
Stddev	.001163	.001266	.000032
%RSD	91.87639	39.87358	2.734531

#1	-.000030	-.004091	-.001145
#2	-.001429	-.003704	-.001142
#3	-.002339	-.001730	-.001198

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3208.962	53079.04	8380.882	1892.024	4320.759
Stddev	1.199	241.36	52.503	2.428	10.794
%RSD	.0373748	.4547111	.6264626	.1283079	.2498098

#1	3207.774	52855.18	8440.839	1890.290	4322.363
#2	3210.173	53334.73	8358.674	1894.799	4330.661
#3	3208.940	53047.20	8343.132	1890.983	4309.253

Sample Name: MO 50PPM-1 Acquired: 1/3/2025 20:00:48 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049304	.0192899	-.001789	.0058108	-.014403	.0293651	.0018055
Stddev	.0003104	.0066794	.000677	.0007813	.000622	.0118674	.0004209
%RSD	6.295036	34.62658	37.85294	13.44489	4.317806	40.41318	23.31446

#1	.0047543	.0141669	-.002383	.0064740	-.014832	.0401649	.0016638
#2	.0047482	.0168584	-.001933	.0049496	-.014688	.0166606	.0014737
#3	.0052888	.0268445	-.001052	.0060087	-.013690	.0312698	.0022790

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015400	-.001177	-.070958	-.004308	.0003591	.0156231	-.030552
Stddev	.0001109	.000030	.000433	.000211	.0003723	.0016136	.004071
%RSD	7.199468	2.582658	.6095362	4.906778	103.6612	10.32845	13.32387

#1	.0015627	-.001160	-.070535	-.004073	.0007609	.0167267	-.033704
#2	.0014196	-.001212	-.070939	-.004481	.0000258	.0163714	-.025956
#3	.0016378	-.001159	-.071399	-.004372	.0002908	.0137712	-.031997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003657	-.160342	.0028892	-.002928	1.047323	.0066863	.0001089
Stddev	.000465	.002359	.0002514	.000278	.215567	.0052067	.0006676
%RSD	12.71557	1.470922	8.700065	9.492665	20.58269	77.87116	612.8628

#1	-.003153	-.162991	.0028230	-.003171	1.285852	.0118564	.0007844
#2	-.003749	-.159567	.0026775	-.002988	.989679	.0067588	-.000551
#3	-.004069	-.158469	.0031670	-.002625	.866438	.0014438	.000093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.64862	.0050411	.0254327	44.40993	-.001655	.0023857	-.019081
Stddev	.04488	.0005743	.0014496	.14438	.004249	.0018825	.000409
%RSD	1.229994	11.39251	5.699589	.3251185	256.7628	78.90491	2.141390

#1	-3.60154	.0047863	.0263440	44.43403	-.001216	.0032273	-.018911
#2	-3.69091	.0046383	.0237612	44.25501	.002358	.0037007	-.018785
#3	-3.65340	.0056987	.0261929	44.54075	-.006106	.0002293	-.019548

Sample Name: MO 50PPM-1 Acquired: 1/3/2025 20:00:48 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004402	-.002410	-.000943
Stddev	.0004084	.000873	.000019
%RSD	92.77902	36.24432	2.018022

#1	.0000316	-.003396	-.000964
#2	.0008483	-.001735	-.000927
#3	.0004406	-.002098	-.000938

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3170.901	53179.77	8398.422	1803.245	4184.039
Stddev	13.183	246.42	53.226	7.018	17.425
%RSD	.4157342	.4633757	.6337590	.3891721	.4164518

#1	3165.017	53277.05	8459.425	1798.629	4177.440
#2	3186.001	53362.71	8374.401	1811.321	4203.800
#3	3161.686	52899.56	8361.441	1799.785	4170.879

Sample Name: SR 50PPM-1 Acquired: 1/3/2025 20:04:55 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002592	k -.003096	k -.004468	.0001089	.0005800	-.026422	.0055658
Stddev	.002602	.000731	.000672	.0012328	.0005082	.007648	.0007866
%RSD	100.4001	23.62395	15.03677	1131.737	87.62591	28.94642	14.13365

#1	-.005439	k -.003267	k -.003709	-.001079	.0006553	-.018622	.0062423
#2	-.001998	k -.003727	k -.004711	.001382	.0010464	-.026735	.0047026
#3	-.000338	k -.002295	k -.004985	.000024	.0000383	-.033909	.0057524

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000146	-.000554	-.054941	-.002236	k -.000598	-.001021	k -.019930
Stddev	.000075	.000089	.004826	.000385	.000148	.000699	.004326
%RSD	50.92092	16.15682	8.784745	17.23260	24.77539	68.50088	21.70477

#1	-.000232	-.000650	-.060500	-.002675	k -.000764	-.001630	k -.018292
#2	-.000095	-.000537	-.051821	-.002076	k -.000553	-.000257	k -.016662
#3	-.000112	-.000474	-.052501	-.001956	k -.000478	-.001174	k -.024836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001597	-.061593	k .0024746	k -.000013	.6058148	k -.000025	k .0138091
Stddev	.000277	.006527	.0002230	.000183	.2909667	.000683	.0005882
%RSD	17.33348	10.59722	9.013274	1451.253	48.02899	2742.296	4.259818

#1	-.001360	-.062531	k .0026459	k .000138	.6821968	k -.000177	k .0143564
#2	-.001530	-.067601	k .0025555	k .000040	.2842760	k .000721	k .0138839
#3	-.001902	-.054648	k .0022224	k -.000216	.8509716	k -.000619	k .0131870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.69423	.0021795	k -.001126	.0022479	-.005981	-.005572	k -.017973
Stddev	.06935	.0007995	.000443	.0010581	.002124	.003147	.000862
%RSD	1.877180	36.68277	39.31364	47.07104	35.51744	56.48521	4.798672

#1	-3.75217	.0025267	k -.001573	.0033736	-.005633	-.002101	k -.018874
#2	-3.61739	.0027466	k -.000688	.0020966	-.004053	-.006374	k -.017891
#3	-3.71312	.0012651	-.001117	.0012736	-.008259	-.008241	k -.017155

Sample Name: SR 50PPM-1 Acquired: 1/3/2025 20:04:55 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	k -.000288	-.002974	^ *****
Stddev	.000971	.000388	-----
%RSD	336.6001	13.05888	-----
#1	k -.001330	-.002526	^ -----
#2	k .000591	-.003215	^ -----
#3	k -.000127	-.003182	^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.783	53472.83	8460.477	1875.678	4400.521
Stddev	10.601	103.94	22.017	6.113	11.271
%RSD	.3263118	.1943778	.2602371	.3259133	.2561384
#1	3260.711	53509.24	8483.506	1868.964	4413.513
#2	3245.201	53355.59	8458.292	1880.921	4394.699
#3	3240.436	53553.67	8439.635	1877.149	4393.351

Sample Name: TI 50PPM-1 Acquired: 1/3/2025 20:09:08 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001913	.0103482	.0015482	-.003310	-.006760	-.021933	.0019970
Stddev	.002755	.0001054	.0005407	.000741	.000584	.004322	.0012647
%RSD	144.0217	1.018624	34.92238	22.38018	8.636384	19.70623	63.33100

#1	-.002237	.0102284	.0012339	-.003605	-.007209	-.021384	.0011761
#2	.000990	.0103892	.0021724	-.003858	-.006971	-.017911	.0013614
#3	-.004492	.0104269	.0012381	-.002467	-.006100	-.026503	.0034534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	-.000643	-.047020	-.000498	.0001816	-.005925	-.032951
Stddev	.000052	.000031	.006067	.000196	.0002238	.001716	.003550
%RSD	44.94729	4.864355	12.90231	39.32773	123.2698	28.95577	10.77263

#1	-.000055	-.000613	-.040382	-.000524	.0001885	-.006574	-.036322
#2	-.000148	-.000642	-.052277	-.000291	-.000046	-.003980	-.029246
#3	-.000141	-.000676	-.048401	-.000680	.000402	-.007222	-.033284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001787	-.095525	-.000960	-.001497	.5897768	-.005304	-.003367
Stddev	.000167	.009535	.000297	.000376	.3625829	.001843	.000349
%RSD	9.319314	9.981298	30.95223	25.12461	61.47798	34.74998	10.37066

#1	-.001849	-.098950	-.001126	-.001919	.1714367	-.005982	-.003573
#2	-.001913	-.084751	-.001136	-.001197	.8134383	-.006712	-.002964
#3	-.001598	-.102874	-.000617	-.001375	.7844554	-.003218	-.003566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.69361	-.000969	.0055126	-.000267	-.005023	.0176217	.0068922
Stddev	.05352	.001231	.0015493	.000302	.002431	.0051150	.0006461
%RSD	1.448914	127.0733	28.10445	113.2915	48.39827	29.02657	9.375079

#1	-3.75231	-.001205	.0051188	-.000104	-.007829	.0120947	.0072095
#2	-3.68098	-.002065	.0072208	-.000615	-.003632	.0185819	.0061488
#3	-3.64753	.000363	.0041982	-.000081	-.003606	.0221886	.0073185

Sample Name: TI 50PPM-1 Acquired: 1/3/2025 20:09:08 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	47.69586	-.003108	.0018567
Stddev	.06840	.001231	.0000974
%RSD	.1433983	39.61511	5.245185

#1	47.72110	-.004336	.0019114
#2	47.61844	-.003116	.0019144
#3	47.74806	-.001873	.0017442

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3184.049	54114.94	8408.295	1884.889	4249.792
Stddev	5.918	141.57	9.090	2.635	10.654
%RSD	.1858791	.2616092	.1081068	.1398078	.2506859

#1	3184.183	53952.45	8417.599	1885.429	4251.793
#2	3189.899	54211.70	8407.850	1887.213	4259.303
#3	3178.064	54180.67	8399.435	1882.026	4238.279

Sample Name: BE 10PPM-1 Acquired: 1/3/2025 20:13:15 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000961	-.002404	-.003785	.0004243	-.002003	.0105411	.0017012
Stddev	.001624	.000714	.000871	.0008465	.001908	.0030813	.0004399
%RSD	168.9821	29.71726	23.01133	199.5246	95.29539	29.23148	25.85787

#1	-.002743	-.002595	-.004715	-.000395	-.002485	.0074805	.0018421
#2	.000435	-.003004	-.003652	.000372	-.003623	.0136427	.0012081
#3	-.000575	-.001614	-.002988	.001296	.000101	.0105000	.0020533

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.609285	-.000542	-.052329	-.002492	-.000894	-.003107	-.025308
Stddev	.039523	.000030	.012745	.000205	.000093	.002119	.002533
%RSD	.4112968	5.495785	24.35497	8.226809	10.34189	68.19979	10.00753

#1	9.599087	-.000548	-.049869	-.002277	-.000995	-.002992	-.024952
#2	9.575860	-.000569	-.066124	-.002514	-.000814	-.001048	-.028000
#3	9.652907	-.000510	-.040994	-.002685	-.000874	-.005281	-.022972

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001225	-.045503	-.001670	.0002853	.8325153	.0037500	-.001858
Stddev	.000184	.013012	.000163	.0001679	.2930780	.0029137	.000370
%RSD	15.01780	28.59688	9.734097	58.85905	35.20391	77.69803	19.92149

#1	-.001315	-.043595	-.001574	.0001109	1.016074	.0022727	-.001569
#2	-.001347	-.033549	-.001858	.0004459	.494516	.0071065	-.002275
#3	-.001013	-.059363	-.001578	.0002991	.986956	.0018709	-.001730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70332	.0203751	-.003175	-.000740	.8382022	-.002205	-.017864
Stddev	.01562	.0002821	.000240	.000251	.0058739	.002535	.000873
%RSD	.4218117	1.384303	7.556923	33.95290	.7007738	114.9585	4.888756

#1	-3.69600	.0203722	-.003447	-.000827	.8320779	-.004985	-.017208
#2	-3.69271	.0206586	-.002992	-.000936	.8387400	-.001608	-.018855
#3	-3.72126	.0200945	-.003086	-.000457	.8437888	-.000022	-.017528

Sample Name: BE 10PPM-1 Acquired: 1/3/2025 20:13:15 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025754	-.002621	.0006417
Stddev	.0015747	.001880	.0000399
%RSD	61.14360	71.73145	6.219699

#1	.0043567	-.003721	.0006536
#2	.0020009	-.003690	.0005972
#3	.0013686	-.000450	.0006744

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.132	52909.64	8534.848	1884.142	4312.058
Stddev	6.642	64.18	11.463	6.874	3.802
%RSD	.2067754	.1213065	.1343039	.3648240	.0881819

#1	3216.186	52912.45	8540.227	1886.375	4315.291
#2	3215.743	52972.37	8521.685	1889.621	4313.013
#3	3204.467	52844.09	8542.632	1876.429	4307.869

Sample Name: CD 10PPM-1 Acquired: 1/3/2025 20:17:32 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002135	-.002083	-.004498	-.001056	.0001540	-.024565	.0025157
Stddev	.001083	.000711	.000567	.000228	.0011888	.003230	.0007277
%RSD	50.71954	34.14794	12.61475	21.54396	772.0305	13.15107	28.92523

#1	-.001562	-.002894	-.005032	-.000798	.0013916	-.020877	.0032010
#2	-.001459	-.001564	-.004558	-.001142	.0000494	-.025924	.0017520
#3	-.003384	-.001791	-.003902	-.001229	-.000979	-.026894	.0025941

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003207	9.183488	-.059232	-.002681	-.001953	-.001177	-.024472
Stddev	.0000676	.007645	.015099	.000260	.000243	.002204	.001856
%RSD	21.07784	.0832479	25.49049	9.698865	12.44686	187.1690	7.584875

#1	.0003979	9.177066	-.055677	-.002478	-.002192	-.003538	-.023183
#2	.0002925	9.181454	-.075791	-.002974	-.001960	-.000820	-.023633
#3	.0002718	9.191945	-.046228	-.002591	-.001706	.000826	-.026599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001478	-.049626	-.000978	.0001670	.7495967	.0020342	-.001669
Stddev	.000099	.005419	.000200	.0004177	.2407747	.0015270	.000838
%RSD	6.727231	10.91992	20.43553	250.1627	32.12057	75.06502	50.17502

#1	-.001492	-.055883	-.000793	-.000310	1.018227	.0037416	-.001823
#2	-.001373	-.046560	-.000952	.000341	.677338	.0015615	-.000765
#3	-.001570	-.046436	-.001190	.000470	.553226	.0007995	-.002419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.62711	-.001586	-.001507	-.001011	-.002991	-.005934	-.018687
Stddev	.03554	.000083	.001050	.000280	.000941	.000247	.000809
%RSD	.9798516	5.229083	69.70509	27.74551	31.45617	4.159405	4.331637

#1	-3.66521	-.001679	-.001229	-.000834	-.004075	-.005722	-.019621
#2	-3.59486	-.001561	-.002668	-.000865	-.002503	-.005874	-.018255
#3	-3.62125	-.001518	-.000623	-.001334	-.002394	-.006205	-.018186

Sample Name: CD 10PPM-1 Acquired: 1/3/2025 20:17:32 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000628	-.003598	-.001008
Stddev	.001038	.001273	.000076
%RSD	165.3611	35.37636	7.508577

#1	-.001757	-.004075	-.000955
#2	-.000411	-.004564	-.001095
#3	.000285	-.002156	-.000974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.648	52346.04	8334.864	1862.638	4334.247
Stddev	1.950	58.31	28.813	1.263	4.062
%RSD	.0607053	.1113916	.3456933	.0678020	.0937298

#1	3214.085	52347.79	8302.038	1864.007	4338.387
#2	3213.430	52286.88	8346.585	1862.388	4330.266
#3	3210.428	52403.46	8355.969	1861.518	4334.086

Sample Name: AS 40PPM-1 Acquired: 1/3/2025 20:21:40 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.55378	-.002955	-.005282	-.001985	.0019485	-.021598	.0023247
Stddev	.54823	.001287	.000494	.001165	.0011983	.003540	.0007787
%RSD	1.386035	43.54331	9.354761	58.70342	61.49769	16.39062	33.49782

#1	39.90754	-.002595	-.005816	-.001412	.0013972	-.021896	.0031329
#2	39.83155	-.004384	-.004841	-.001217	.0033232	-.024979	.0022622
#3	38.92226	-.001887	-.005190	-.003326	.0011251	-.017918	.0015792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	-.000423	-.059459	-.001582	-.000556	-.002715	-.025360
Stddev	.000021	.000105	.001147	.000246	.000246	.003109	.003555
%RSD	48.78295	24.76678	1.928773	15.58500	44.21428	114.5457	14.01951

#1	-.000020	-.000340	-.060115	-.001299	-.000574	.000828	-.027228
#2	-.000062	-.000541	-.058135	-.001753	-.000302	-.003982	-.021260
#3	-.000049	-.000388	-.060128	-.001692	-.000792	-.004990	-.027593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001333	-.061398	-.000560	.0002610	.8751959	.0015006	-.001932
Stddev	.000142	.014292	.000389	.0003565	.2440789	.0030235	.000481
%RSD	10.64731	23.27795	69.52526	136.5937	27.88849	201.4887	24.89218

#1	-.001240	-.045012	-.000846	-.000136	1.114075	-.001758	-.001386
#2	-.001496	-.067884	-.000717	.000553	.885282	.004216	-.002120
#3	-.001262	-.071296	-.000117	.000367	.626230	.002044	-.002292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.65312	-.005164	-.001042	-.000719	-.004446	-.004470	-.019156
Stddev	.11346	.000638	.000170	.000195	.001977	.004786	.000048
%RSD	3.105901	12.34742	16.31472	27.12237	44.46591	107.0678	.2500173

#1	-3.58881	-.005814	-.000894	-.000879	-.002209	.000997	-.019205
#2	-3.58642	-.004539	-.001004	-.000776	-.005169	-.006506	-.019109
#3	-3.78413	-.005139	-.001227	-.000502	-.005959	-.007901	-.019153

Sample Name: AS 40PPM-1 Acquired: 1/3/2025 20:21:40 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001205	-.003686	-.001023
Stddev	.000549	.001437	.000059
%RSD	45.59942	38.98345	5.772680

#1	-.000964	-.005144	-.001069
#2	-.001834	-.003645	-.001043
#3	-.000817	-.002270	-.000956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3293.324	53282.42	8457.583	1907.487	4468.570
Stddev	42.341	28.35	22.582	5.490	63.712
%RSD	1.285671	.0532036	.2670010	.2878352	1.425788

#1	3264.963	53295.41	8439.523	1912.089	4428.648
#2	3273.014	53301.94	8482.901	1908.962	4435.016
#3	3341.994	53249.90	8450.325	1901.409	4542.047

Sample Name: SE 40PPM-1 Acquired: 1/3/2025 20:25:49 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023693	-.004189	-.005075	40.97302	.0003415	-.024535	.0024844
Stddev	.0013134	.000629	.001669	.19964	.0016068	.004004	.0005544
%RSD	55.43604	15.01647	32.88198	.4872477	470.5235	16.32029	22.31452

#1	.0034893	-.004211	-.005212	40.88730	.0001643	-.024555	.0026586
#2	.0009237	-.003549	-.003342	40.83056	-.001169	-.028529	.0018638
#3	.0026948	-.004806	-.006672	41.20121	.002030	-.020521	.0029307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000145	-.000636	-.051679	-.002346	-.000746	-.002011	-.021144
Stddev	.000008	.000065	.008347	.000197	.000102	.003084	.004232
%RSD	5.392415	10.27673	16.15117	8.387265	13.73699	153.3387	20.01428

#1	-.000136	-.000574	-.061315	-.002552	-.000854	.000162	-.025754
#2	-.000147	-.000704	-.047011	-.002325	-.000651	-.005541	-.020245
#3	-.000151	-.000631	-.046710	-.002160	-.000733	-.000654	-.017434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000727	-.068788	-.000581	-.000108	.4718875	-.001078	-.002265
Stddev	.000191	.008292	.000273	.000183	.3061305	.002854	.000536
%RSD	26.24541	12.05468	46.94769	169.2462	64.87361	264.7316	23.65429

#1	-.000945	-.073331	-.000337	-.000178	.3238251	-.002351	-.002678
#2	-.000644	-.059217	-.000875	-.000246	.2679368	.002191	-.001660
#3	-.000592	-.073817	-.000531	.000099	.8239007	-.003074	-.002458

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.75121	-.002367	-.001730	-.000833	.0030265	-.005340	-.019034
Stddev	.01255	.001717	.000831	.000122	.0039388	.003445	.000554
%RSD	.3345659	72.53772	48.05669	14.59541	130.1430	64.52038	2.909117

#1	-3.73948	-.001896	-.002354	-.000749	-.000840	-.005117	-.019466
#2	-3.76444	-.000935	-.000786	-.000972	.002885	-.002011	-.018410
#3	-3.74970	-.004270	-.002050	-.000778	.007034	-.008890	-.019226

Sample Name: SE 40PPM-1 Acquired: 1/3/2025 20:25:49 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000892	-.003525	-.001084
Stddev	.001085	.000588	.000090
%RSD	121.7428	16.68907	8.278405

#1	-.001762	-.003860	-.001162
#2	-.001238	-.003871	-.001103
#3	.000325	-.002846	-.000986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3145.249	52529.69	8455.670	1876.701	4173.644
Stddev	7.724	196.29	54.488	10.723	6.463
%RSD	.2455670	.3736659	.6443952	.5713936	.1548479

#1	3148.701	52615.51	8393.541	1882.291	4171.728
#2	3150.644	52305.11	8478.141	1864.338	4180.848
#3	3136.401	52668.45	8495.330	1883.475	4168.355

Sample Name: TL 50PPM-1 Acquired: 1/3/2025 20:29:57 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000752	45.33721	-.004984	-.000903	.0000268	-.028403	.0024530
Stddev	.001022	.51674	.001323	.001653	.0004986	.009068	.0003453
%RSD	135.8644	1.139774	26.53827	183.0405	1860.315	31.92737	14.07638

#1	.000187	45.36605	-.003864	-.001925	.0003792	-.038320	.0028177
#2	-.001840	44.80665	-.006443	-.001787	-.000544	-.020534	.0024101
#3	-.000603	45.83892	-.004644	.001004	.000245	-.026354	.0021311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000170	-.000451	-.059030	-.002472	-.000918	-.000971	-.025948
Stddev	.000065	.000121	.015162	.000163	.000061	.001708	.005078
%RSD	38.34831	26.75324	25.68486	6.587489	6.624285	175.8492	19.57137

#1	-.000161	-.000440	-.052923	-.002408	-.000859	.000586	-.021181
#2	-.000240	-.000577	-.076293	-.002351	-.000915	-.000702	-.025375
#3	-.000110	-.000336	-.047874	-.002657	-.000981	-.002798	-.031289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001694	-.036434	.0180549	.0004477	.4927819	.0021314	-.002690
Stddev	.000141	.005788	.0004738	.0001790	.1779298	.0005101	.000225
%RSD	8.312527	15.88684	2.624230	39.97268	36.10721	23.93222	8.373371

#1	-.001660	-.029824	.0177689	.0005002	.6815953	.0017117	-.002436
#2	-.001574	-.038881	.0177939	.0002484	.3282243	.0026991	-.002771
#3	-.001849	-.040598	.0186018	.0005946	.4685261	.0019835	-.002864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70914	-.001723	-.001437	-.000946	-.005268	-.003557	-.018969
Stddev	.04000	.001232	.000679	.000176	.002149	.002599	.000893
%RSD	1.078496	71.48220	47.22541	18.57491	40.80559	73.05296	4.708802

#1	-3.67407	-.001955	-.002117	-.000841	-.004898	-.001227	-.019991
#2	-3.75271	-.002823	-.000759	-.001149	-.007578	-.003085	-.018580
#3	-3.70065	-.000392	-.001435	-.000849	-.003327	-.006359	-.018337

Sample Name: TL 50PPM-1 Acquired: 1/3/2025 20:29:57 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001248	-.004567	-.001128
Stddev	.000649	.001315	.000092
%RSD	51.98030	28.78804	8.139277

#1	-.000499	-.004307	-.001148
#2	-.001629	-.005992	-.001208
#3	-.001617	-.003402	-.001028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3288.949	52951.28	8464.990	1892.610	4477.230
Stddev	17.647	207.01	22.778	3.180	24.742
%RSD	.5365623	.3909457	.2690795	.1680343	.5526216

#1	3302.386	52871.63	8489.238	1892.654	4499.333
#2	3295.497	53186.29	8461.690	1895.767	4481.854
#3	3268.963	52795.93	8444.043	1889.407	4450.501

Sample Name: CCV005 Acquired: 1/3/2025 20:34:06 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.123333	5.102266	25.50305	5.111653	5.106510	407.7371	10.49146
Stddev	.024787	.016831	.06682	.020187	.029580	2.7758	.02992
%RSD	.4837979	.3298660	.2620149	.3949291	.5792540	.6807764	.2851946

#1	5.120470	5.099792	25.46330	5.098380	5.095385	408.1922	10.51259
#2	5.100102	5.086809	25.46565	5.101693	5.084106	404.7618	10.50457
#3	5.149426	5.120197	25.58020	5.134884	5.140039	410.2571	10.45722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5144547	2.560998	414.1558	15.90307	2.573197	15.32728	410.5748
Stddev	.0005612	.005830	.3898	.00665	.005941	.05244	.4742
%RSD	.1090945	.2276288	.0941181	.0418160	.2308705	.3421047	.1154877

#1	.5150811	2.560511	413.9727	15.90279	2.568579	15.35173	410.0499
#2	.5139977	2.555428	414.6034	15.90985	2.571112	15.26708	410.9721
#3	.5142853	2.567057	413.8912	15.89656	2.579899	15.36303	410.7024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.63947	407.1117	2.572495	1.315392	407.9095	2.544933	15.70646
Stddev	.01690	.3872	.004442	.001569	1.1427	.013377	.08909
%RSD	.1080685	.0951061	.1726720	.1192977	.2801288	.5256430	.5672162

#1	15.62458	406.8523	2.568410	1.315373	407.5744	2.534749	15.68833
#2	15.63600	407.5568	2.571852	1.316970	406.9718	2.560083	15.80323
#3	15.65784	406.9261	2.577223	1.313832	409.1823	2.539968	15.62784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.0229	5.215673	5.276979	4.990420	5.289722	5.153745	5.181935
Stddev	.3022	.016436	.007736	.017108	.004743	.006918	.016953
%RSD	.1924569	.3151330	.1465995	.3428157	.0896660	.1342356	.3271603

#1	156.6854	5.203514	5.273447	4.982406	5.285211	5.146254	5.166042
#2	157.1148	5.209133	5.271639	4.978790	5.289288	5.155088	5.179983
#3	157.2685	5.234373	5.285851	5.010064	5.294667	5.159894	5.199779

Sample Name: CCV005 Acquired: 1/3/2025 20:34:06 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.109765	5.241452	5.007321
Stddev	.004714	.008298	.039651
%RSD	.0922493	.1583060	.7918568

#1	5.111322	5.235938	5.035356
#2	5.104470	5.237424	5.024652
#3	5.113504	5.250995	4.961955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.991	42403.86	7767.829	1498.582	3179.977
Stddev	3.795	33.05	13.603	7.516	1.775
%RSD	.1483122	.0779461	.1751256	.5015525	.0558080

#1	2561.019	42368.98	7752.718	1494.741	3181.653
#2	2561.342	42407.89	7779.099	1493.761	3178.118
#3	2554.613	42434.72	7771.669	1507.242	3180.161

Sample Name: CCB005 Acquired: 1/3/2025 20:38:15 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	-.000831	-.004149	-.000866	.0000480	.0075734	.0021605
Stddev	.001142	.001023	.000768	.001598	.0008244	.0118978	.0002430
%RSD	1971.581	123.1116	18.51934	184.4824	1718.744	157.0985	11.24808
#1	-.001376	-.000649	-.003573	-.000536	-.000328	.0200388	.0019909
#2	.000590	.000089	-.005022	.000541	.000993	.0063427	.0020517
#3	.000613	-.001933	-.003853	-.002604	-.000521	-.003661	.0024389
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	-.000466	-.030169	-.002444	-.000511	-.000950	-.004172
Stddev	.000074	.000067	.005175	.000510	.000398	.001862	.003627
%RSD	195.0632	14.29577	17.15234	20.86250	77.87288	195.9178	86.93522
#1	.000023	-.000391	-.024380	-.001856	-.000638	-.001201	-.000116
#2	-.000016	-.000488	-.034347	-.002739	-.000830	-.002674	-.007104
#3	-.000120	-.000518	-.031778	-.002739	-.000065	.001024	-.005297
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001787	-.049827	-.001102	.0000542	.7557033	.0013856	-.002920
Stddev	.000096	.009710	.000131	.0002768	.3397070	.0015370	.000401
%RSD	5.369608	19.48706	11.87587	511.0370	44.95243	110.9224	13.74493
#1	-.001836	-.041799	-.001153	-.000001	.4969622	.0000766	-.003260
#2	-.001849	-.060619	-.000954	-.000191	.6297493	.0010023	-.003024
#3	-.001677	-.047064	-.001200	.000354	1.140398	.0030779	-.002478
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.056370	-.002854	.0078400	-.000712	-.001916	-.000153	-.001948
Stddev	.029154	.000150	.0008812	.000083	.001613	.003720	.000474
%RSD	51.71953	5.269160	11.24015	11.66370	84.19244	2431.739	24.33933
#1	-.055241	-.002777	.0088174	-.000713	-.000829	.003714	-.001475
#2	-.086072	-.003027	.0075967	-.000629	-.001149	-.003707	-.001945
#3	-.027796	-.002757	.0071061	-.000795	-.003770	-.000466	-.002423

Sample Name: CCB005 Acquired: 1/3/2025 20:38:15 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001648	.0019454	-.000699
Stddev	.0005549	.0020085	.000074
%RSD	336.6997	103.2441	10.64958

#1	.0007919	-.000367	-.000785
#2	-.000263	.002951	-.000658
#3	-.000035	.003253	-.000654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3208.487	51772.67	8357.443	1856.654	4313.009
Stddev	1.854	77.82	5.728	4.372	6.939
%RSD	.0577966	.1503137	.0685427	.2354737	.1608862

#1	3207.401	51860.36	8362.291	1860.593	4320.204
#2	3210.628	51711.82	8351.122	1851.950	4312.463
#3	3207.432	51745.84	8358.916	1857.421	4306.359

Sample Name: PB 50PPM-1 Acquired: 1/3/2025 20:42:25 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010404	-.002108	45.91720	-.005128	-.000657	-.022295	.0021235
Stddev	.0012946	.001912	.11902	.001862	.000455	.002352	.0007470
%RSD	124.4315	90.72466	.2592077	36.31408	69.24785	10.54763	35.17648

#1	.0024499	-.004122	45.83576	-.003775	-.000178	-.019909	.0013081
#2	.0007671	-.000317	45.86204	-.007252	-.000709	-.022366	.0022877
#3	-.000096	-.001884	46.05379	-.004359	-.001084	-.024611	.0027746

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000152	-.000461	-.063533	-.002303	-.000886	-.003628	-.031160
Stddev	.000002	.000042	.009718	.000219	.000159	.002725	.002707
%RSD	1.320661	9.215909	15.29686	9.519393	17.94310	75.11498	8.687142

#1	-.000154	-.000499	-.058943	-.002342	-.000764	-.003027	-.029500
#2	-.000150	-.000415	-.056959	-.002500	-.001066	-.006603	-.034284
#3	-.000151	-.000467	-.074696	-.002067	-.000828	-.001253	-.029697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001813	-.049024	-.000556	.0002559	1.105033	.0016718	-.003062
Stddev	.000021	.013359	.000074	.0001331	.386105	.0026217	.000285
%RSD	1.164852	27.25027	13.28227	51.99637	34.94056	156.8123	9.317297

#1	-.001789	-.054588	-.000631	.0003408	.753585	.0035837	-.002918
#2	-.001819	-.058701	-.000484	.0003244	1.518329	.0027486	-.003390
#3	-.001830	-.033782	-.000554	.0001026	1.043187	-.001317	-.002877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.67963	-.000297	.0028899	-.000985	-.000556	-.004455	-.019616
Stddev	.02191	.000750	.0009548	.000350	.003487	.002225	.000507
%RSD	.5954945	252.6168	33.03873	35.57377	626.7347	49.94735	2.585844

#1	-3.65455	-.001154	.0024122	-.001125	-.003238	-.006604	-.019043
#2	-3.68927	.000020	.0022683	-.001244	-.001818	-.004602	-.020009
#3	-3.69507	.000242	.0039893	-.000586	.003386	-.002160	-.019796

Sample Name: PB 50PPM-1 Acquired: 1/3/2025 20:42:25 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001760	-.003371	-.001119
Stddev	.000997	.000197	.000067
%RSD	56.66694	5.858126	5.975986

#1	-.002771	-.003588	-.001137
#2	-.001731	-.003203	-.001045
#3	-.000777	-.003321	-.001174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3273.800	53402.79	8505.320	1900.967	4414.204
Stddev	8.914	84.58	39.217	9.621	12.169
%RSD	.2722855	.1583816	.4610861	.5061353	.2756888

#1	3283.069	53498.21	8497.154	1911.954	4425.321
#2	3273.043	53373.15	8547.977	1896.902	4416.089
#3	3265.289	53337.02	8470.829	1894.045	4401.202

Sample Name: SB 40PPM-1 Acquired: 1/3/2025 20:46:33 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002926	-.002597	-.008508	-.002110	41.95846	-.023206	.0018234
Stddev	.001455	.002137	.000388	.000985	.26838	.011879	.0007308
%RSD	49.72432	82.31259	4.557329	46.66718	.6396408	51.18998	40.08087

#1	-.001714	-.005057	-.008942	-.003000	41.64944	-.021993	.0010037
#2	-.004539	-.001192	-.008390	-.002278	42.13318	-.035646	.0020596
#3	-.002525	-.001542	-.008194	-.001052	42.09277	-.011981	.0024069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000129	-.000834	-.057579	-.002449	-.000780	-.000252	.0800433
Stddev	.000072	.000023	.004637	.000117	.000094	.002440	.0205019
%RSD	55.94532	2.816801	8.054085	4.773365	12.05487	969.1644	25.61350

#1	-.000132	-.000850	-.062658	-.002559	-.000724	-.000105	.0763679
#2	-.000056	-.000807	-.056508	-.002326	-.000726	-.002762	.1021344
#3	-.000200	-.000845	-.053570	-.002463	-.000888	.002111	.0616278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001845	-.051158	-.010386	.0000403	.6877144	.0001927	-.003177
Stddev	.000080	.008172	.000064	.0003654	.4351507	.0017706	.000344
%RSD	4.357459	15.97390	.6167575	905.8468	63.27492	919.0058	10.82425

#1	-.001920	-.048442	-.010328	.0003916	.2438753	-.000565	-.002994
#2	-.001856	-.060342	-.010377	.0000670	1.113622	-.001073	-.003574
#3	-.001760	-.044690	-.010455	-.000338	.705645	.002216	-.002964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.73509	-.002509	.0116900	-.001190	-.004941	.0516051	-.018776
Stddev	.06291	.000957	.0005184	.000078	.002196	.0023907	.001177
%RSD	1.684242	38.13370	4.434276	6.536063	44.43722	4.632639	6.270366

#1	-3.80579	-.003098	.0122859	-.001278	-.002855	.0500674	-.017513
#2	-3.71419	-.003023	.0114407	-.001131	-.007232	.0543593	-.018973
#3	-3.68530	-.001405	.0113434	-.001161	-.004736	.0503884	-.019843

Sample Name: SB 40PPM-1 Acquired: 1/3/2025 20:46:33 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000675	-.004148	-.001134
Stddev	.000330	.001300	.000076
%RSD	48.85334	31.33625	6.692065

#1	-.000943	-.005093	-.001155
#2	-.000307	-.002666	-.001050
#3	-.000775	-.004686	-.001198

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3213.749	54218.36	8465.562	1937.995	4265.687
Stddev	12.860	887.26	34.387	29.901	16.535
%RSD	.4001597	1.636460	.4061945	1.542876	.3876332

#1	3228.537	53863.56	8493.994	1924.550	4283.528
#2	3207.525	55228.12	8475.350	1972.258	4262.658
#3	3205.185	53563.40	8427.343	1917.177	4250.876

Sample Name: CR 50PPM-1 Acquired: 1/3/2025 20:50:41 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019817	.0130525	-.004241	.0007548	-.009677	-.022822	.0033407
Stddev	.0022839	.0020027	.000583	.0044637	.000246	.002572	.0006413
%RSD	115.2530	15.34320	13.74225	591.3621	2.544525	11.27049	19.19786

#1	.0045428	.0153230	-.003681	-.001366	-.009731	-.025333	.0039664
#2	.0001563	.0115375	-.004197	.005884	-.009891	-.020193	.0026848
#3	.0012459	.0122969	-.004844	-.002253	-.009408	-.022940	.0033708

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000430	-.000883	-.054160	47.38577	.0014574	-.000734	-.009476
Stddev	.000052	.000027	.004308	.10834	.0002067	.001186	.004628
%RSD	12.13053	3.106188	7.954058	.2286347	14.18054	161.6726	48.83753

#1	-.000393	-.000872	-.049418	47.31102	.0015879	.000536	-.012607
#2	-.000408	-.000863	-.055232	47.51002	.0012191	-.001812	-.011660
#3	-.000490	-.000914	-.057831	47.33627	.0015653	-.000925	-.004160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000572	-.063622	-.002809	.0003872	1.071271	.0180416	-.002280
Stddev	.000583	.010147	.000315	.0001849	.340212	.0016969	.000133
%RSD	101.7786	15.94820	11.19910	47.75159	31.75777	9.405672	5.814260

#1	-.000887	-.072578	-.002505	.0002963	.805005	.0199624	-.002426
#2	.000100	-.065685	-.002789	.0006000	1.454546	.0167458	-.002168
#3	-.000930	-.052602	-.003133	.0002654	.954263	.0174167	-.002245

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.69806	-.006453	.0148965	.0018904	-.000479	-.004441	-.020769
Stddev	.05072	.001735	.0002464	.0002870	.002435	.002758	.000763
%RSD	1.371421	26.87911	1.654360	15.18123	508.7249	62.09947	3.671607

#1	-3.73151	-.006830	.0146394	.0017063	-.003034	-.003142	-.019937
#2	-3.63971	-.004561	.0151307	.0017439	-.000216	-.007608	-.021435
#3	-3.72297	-.007969	.0149195	.0022211	.001814	-.002572	-.020936

Sample Name: CR 50PPM-1 Acquired: 1/3/2025 20:50:41 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001057	-.003925	-.000874
Stddev	.001679	.001788	.000107
%RSD	158.8375	45.55672	12.22266

#1	-.002918	-.005674	-.000833
#2	-.000596	-.002100	-.000794
#3	.000343	-.004002	-.000996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2684.183	52276.69	8483.165	1696.606	4337.996
Stddev	10.957	212.69	23.911	8.404	16.780
%RSD	.4081885	.4068635	.2818696	.4953215	.3868204

#1	2679.284	52498.83	8459.648	1705.949	4340.900
#2	2696.734	52256.33	8482.393	1694.202	4353.135
#3	2676.530	52074.90	8507.453	1689.665	4319.953

Sample Name: CO 50PPM-1 Acquired: 1/3/2025 20:54:58 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001049	-.007215	-.000313	.0009394	-.003632	-.033482	.0009421
Stddev	.002076	.001499	.000591	.0007757	.000785	.007003	.0001753
%RSD	197.8193	20.78217	188.7125	82.56891	21.60470	20.91530	18.61131

#1	.000742	-.008811	-.000394	.0009869	-.002726	-.028147	.0008345
#2	-.000566	-.005836	.000314	.0016903	-.004069	-.041412	.0011444
#3	-.003324	-.006996	-.000860	.0001411	-.004101	-.030888	.0008473

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	-.000630	-.066762	-.000668	45.29665	-.005096	-.027005
Stddev	.000077	.000077	.004722	.000219	.48983	.001399	.003610
%RSD	61.91675	12.16437	7.073440	32.71771	1.081390	27.45933	13.36648

#1	-.000209	-.000541	-.061979	-.000486	44.99876	-.006701	-.024331
#2	-.000058	-.000676	-.066885	-.000608	45.02920	-.004462	-.025575
#3	-.000106	-.000672	-.071422	-.000910	45.86198	-.004126	-.031111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001783	-.065052	.0000556	.0001686	.4783212	.0017369	-.003749
Stddev	.000114	.016019	.0003289	.0002449	.2457553	.0003956	.000662
%RSD	6.367861	24.62448	591.2107	145.2278	51.37872	22.77450	17.65624

#1	-.001662	-.077998	-.000129	.0004217	.7188450	.0013286	-.004241
#2	-.001886	-.070019	-.000140	-.000067	.4884698	.0021184	-.004010
#3	-.001802	-.047138	.000435	.000151	.2276488	.0017638	-.002997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.67436	.0035754	.0361865	-.000748	.0274068	-.001491	-.017888
Stddev	.09220	.0003354	.0001517	.000273	.0038183	.000978	.000446
%RSD	2.509250	9.379841	.4192781	36.55543	13.93195	65.59315	2.492409

#1	-3.71477	.0039584	.0360147	-.001023	.0281321	-.000990	-.017996
#2	-3.56885	.0034336	.0363019	-.000745	.0232779	-.000864	-.018270
#3	-3.73945	.0033342	.0362429	-.000476	.0308104	-.002617	-.017398

Sample Name: CO 50PPM-1 Acquired: 1/3/2025 20:54:58 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.009795	-.003133	-.001053
Stddev	.000402	.000728	.000078
%RSD	4.102051	23.24662	7.374059

#1	-.009983	-.003964	-.001055
#2	-.010068	-.002829	-.001129
#3	-.009334	-.002606	-.000974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.988	54227.13	8556.644	1901.183	4366.124
Stddev	31.293	96.97	59.081	5.654	42.071
%RSD	.9712189	.1788282	.6904697	.2973730	.9635817

#1	3245.559	54120.70	8602.802	1894.678	4393.559
#2	3233.920	54310.49	8490.060	1904.917	4387.127
#3	3186.485	54250.20	8577.069	1903.953	4317.687

Sample Name: NI 45PPM-1 Acquired: 1/3/2025 20:59:05 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001733	-.003598	.0088360	-.009972	-.005130	-.030666	.0024137
Stddev	.001059	.000752	.0009646	.001021	.000830	.007602	.0008902
%RSD	61.08827	20.91554	10.91658	10.24011	16.18633	24.79005	36.88115

#1	-.002928	-.002759	.0087638	-.009768	-.005546	-.023205	.0013861
#2	-.000911	-.004213	.0098347	-.009068	-.005669	-.030391	.0029484
#3	-.001360	-.003821	.0079096	-.011080	-.004174	-.038401	.0029066

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000588	-.000633	.0699528	-.002295	.0087570	-.001064	-.023448
Stddev	.000068	.000040	.0097015	.000312	.0005724	.003021	.003746
%RSD	11.52186	6.363852	13.86856	13.58380	6.535906	283.8792	15.97419

#1	-.000529	-.000680	.0761770	-.002531	.0093877	-.000336	-.027641
#2	-.000573	-.000613	.0749068	-.001941	.0082706	.001526	-.022268
#3	-.000662	-.000607	.0587746	-.002411	.0086126	-.004383	-.020434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001563	-.059566	45.75678	.0001088	.6363456	.0019501	-.003753
Stddev	.000050	.008937	.09505	.0002298	.3327962	.0024976	.002686
%RSD	3.189399	15.00415	.2077261	211.2225	52.29803	128.0729	71.57022

#1	-.001510	-.055920	45.72976	.0002402	.3031336	.0025826	-.004937
#2	-.001569	-.053028	45.67816	-.000157	.6371788	.0040706	-.000679
#3	-.001609	-.069750	45.86241	.000243	.9687244	-.000803	-.005645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.70134	.0570870	.0005811	-.000422	-.016355	-.005441	-.019903
Stddev	.05802	.0017735	.0002352	.000282	.001967	.001203	.001088
%RSD	1.567451	3.106655	40.48189	66.90057	12.02813	22.10195	5.467583

#1	-3.64709	.0552393	.0003404	-.000612	-.018338	-.005980	-.020388
#2	-3.69444	.0572461	.0005926	-.000557	-.014404	-.004064	-.018657
#3	-3.76250	.0587756	.0008104	-.000098	-.016323	-.006281	-.020665

Sample Name: NI 45PPM-1 Acquired: 1/3/2025 20:59:05 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.039543	-.003721	-.001098
Stddev	.000413	.000165	.000029
%RSD	1.043231	4.438838	2.603149

#1	-.039334	-.003531	-.001116
#2	-.039276	-.003823	-.001113
#3	-.040018	-.003810	-.001065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3165.931	52670.17	8381.413	1877.836	4201.304
Stddev	4.546	185.50	44.320	4.779	6.394
%RSD	.1435932	.3522008	.5287915	.2545084	.1521849

#1	3167.336	52514.30	8365.613	1874.371	4199.200
#2	3169.608	52875.35	8431.469	1875.850	4208.485
#3	3160.848	52620.86	8347.158	1883.288	4196.228

Sample Name: V 50PPM-1 Acquired: 1/3/2025 21:03:13 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000684	-.001372	-.007805	-.000474	-.005762	-.020046	.0037098
Stddev	.001702	.009198	.000223	.002652	.003270	.004679	.0004962
%RSD	248.7295	670.4516	2.861622	559.0326	56.75360	23.34199	13.37481

#1	.000593	-.010405	-.008053	-.001968	-.008684	-.024831	.0040986
#2	-.002617	.007983	-.007742	-.002042	-.002229	-.019829	.0031510
#3	-.000030	-.001693	-.007619	.002587	-.006373	-.015480	.0038798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000192	.0007845	-.045589	.0008453	-.000188	-.005785	-.020270
Stddev	.000067	.0000514	.004560	.0003537	.000205	.001445	.002994
%RSD	34.76002	6.554356	10.00146	41.83831	109.1254	24.98030	14.77081

#1	-.000265	.0008167	-.046357	.0011573	-.000226	-.006639	-.019626
#2	-.000177	.0007252	-.040694	.0009174	-.000371	-.006600	-.017651
#3	-.000134	.0008117	-.049715	.0004611	.000034	-.004117	-.023534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000769	-.054668	.0002215	-.001091	.8379619	47.59274	-.002565
Stddev	.000388	.004324	.0002996	.000277	.1545115	.34106	.000396
%RSD	50.46084	7.909155	135.2737	25.42847	18.43897	.7166232	15.43616

#1	-.000613	-.059529	.0005178	-.001203	.8652939	47.27195	-.002343
#2	-.000483	-.051249	.0002282	-.000775	.6716082	47.95098	-.003022
#3	-.001211	-.053227	-.000081	-.001295	.9769835	47.55530	-.002330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.71743	-.014992	-.008648	-.005115	-.006775	.0006985	-.018415
Stddev	.03633	.000896	.000899	.000212	.000748	.0027110	.000942
%RSD	.9774210	5.977373	10.39633	4.144749	11.03692	388.1026	5.113896

#1	-3.67548	-.013962	-.007844	-.005077	-.007327	-.002137	-.019491
#2	-3.73757	-.015414	-.008481	-.005343	-.007075	.003265	-.017738
#3	-3.73923	-.015598	-.009618	-.004924	-.005924	.000967	-.018017

Sample Name: V 50PPM-1 Acquired: 1/3/2025 21:03:13 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.007235	-.003535	-.001066
Stddev	.000526	.001638	.000029
%RSD	7.269244	46.33587	2.674490

#1	-.007006	-.004492	-.001089
#2	-.007836	-.004470	-.001034
#3	-.006862	-.001644	-.001075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3184.110	52963.11	8565.165	1896.276	4246.868
Stddev	7.761	36.88	95.545	9.329	11.319
%RSD	.2437353	.0696412	1.115506	.4919744	.2665289

#1	3189.322	52992.27	8663.769	1885.538	4256.404
#2	3187.817	52975.41	8473.005	1900.908	4249.840
#3	3175.191	52921.65	8558.721	1902.384	4234.359

Sample Name: B 50PPM-1 Acquired: 1/3/2025 21:07:22 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000462	-.001118	-.005018	-.002099	-.000874	-.017489	.0017785
Stddev	.000651	.000071	.001426	.001038	.001284	.004230	.0006316
%RSD	140.7564	6.346263	28.42304	49.46283	146.9625	24.18571	35.51289

#1	-.000442	-.001163	-.006587	-.003164	-.001371	-.014695	.0023441
#2	.000178	-.001037	-.004667	-.002043	-.001836	-.022356	.0010970
#3	-.001123	-.001156	-.003800	-.001090	.000585	-.015417	.0018943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	-.000499	-.062205	-.002515	-.000964	-.001048	-.023895
Stddev	.000066	.000063	.009609	.000183	.000153	.003517	.003481
%RSD	86.88219	12.66447	15.44648	7.268800	15.89453	335.5514	14.56787

#1	-.000045	-.000553	-.059662	-.002543	-.000931	.000922	-.020025
#2	-.000152	-.000430	-.072829	-.002320	-.000830	.001042	-.026769
#3	-.000031	-.000514	-.054124	-.002683	-.001131	-.005109	-.024891

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001574	-.063683	-.000757	-.000051	.5651203	.0046829	-.002418
Stddev	.000342	.014727	.000192	.000144	.3941389	.0016975	.000492
%RSD	21.71205	23.12478	25.43752	281.5977	69.74424	36.24940	20.36217

#1	-.001420	-.078829	-.000843	-.000036	.7676061	.0064780	-.002449
#2	-.001966	-.049415	-.000536	.000084	.1108971	.0044671	-.001911
#3	-.001336	-.062804	-.000891	-.000202	.8168576	.0031036	-.002895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.71007	.0014449	45.31374	-.000587	.0047712	-.053358	-.018076
Stddev	.03460	.0007704	.19101	.000176	.0024702	.002004	.000177
%RSD	.9325168	53.31770	.4215251	30.02913	51.77304	3.755024	.9793546

#1	-3.67028	.0010485	45.09377	-.000384	.0031426	-.051266	-.017926
#2	-3.72691	.0009533	45.40976	-.000693	.0035576	-.053549	-.018030
#3	-3.73303	.0023327	45.43767	-.000684	.0076135	-.055260	-.018271

Sample Name: B 50PPM-1 Acquired: 1/3/2025 21:07:22 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000929	-.002856	-.001064
Stddev	.001082	.000807	.000014
%RSD	116.4734	28.25111	1.353260

#1	-.002165	-.003369	-.001050
#2	-.000156	-.003274	-.001063
#3	-.000465	-.001926	-.001079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3289.647	53152.18	8527.864	1902.147	4468.145
Stddev	9.861	205.78	28.345	3.544	10.797
%RSD	.2997648	.3871520	.3323801	.1863081	.2416386

#1	3299.143	53268.16	8559.442	1904.222	4478.945
#2	3290.342	53273.79	8519.531	1904.164	4468.138
#3	3279.458	52914.59	8504.620	1898.055	4457.352

Sample Name: P 35PPM-1 Acquired: 1/3/2025 21:11:30 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003131	-.001432	-.004889	-.001862	-.000390	-.023274	.0020015
Stddev	.001701	.001008	.000227	.002421	.000738	.006233	.0008022
%RSD	54.34102	70.38290	4.638272	130.0382	189.1614	26.78184	40.08278

#1	-.001300	-.000803	-.004628	-.000583	.000224	-.019631	.0027099
#2	-.004664	-.000900	-.005039	-.004655	-.001210	-.030471	.0021641
#3	-.003428	-.002595	-.005000	-.000349	-.000185	-.019719	.0011303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000176	-.000570	-.057341	-.001525	-.001001	-.002878	-.017444
Stddev	.000046	.000072	.007404	.000142	.000071	.001001	.003400
%RSD	26.07106	12.69563	12.91269	9.333733	7.072318	34.79547	19.49329

#1	-.000225	-.000489	-.052341	-.001520	-.000974	-.001737	-.020966
#2	-.000168	-.000591	-.065847	-.001670	-.000948	-.003610	-.014179
#3	-.000134	-.000629	-.053834	-.001385	-.001081	-.003287	-.017188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001427	-.049856	-.000734	.0002490	1.239777	.0002702	-.000888
Stddev	.000255	.014875	.000071	.0002693	.248047	.0005754	.000355
%RSD	17.85308	29.83666	9.734708	108.1569	20.00737	212.9362	40.00160

#1	-.001137	-.034673	-.000706	.0005472	1.162073	.0004355	-.001231
#2	-.001531	-.064403	-.000816	.0000234	1.039885	.0007449	-.000522
#3	-.001614	-.050492	-.000681	.0001764	1.517373	-.000370	-.000911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.73722	36.63177	.0837300	-.000933	-.005177	-.002726	-.018996
Stddev	.03579	.29068	.0031761	.000283	.000822	.001573	.000330
%RSD	.9577715	.7935283	3.793311	30.30840	15.87588	57.70249	1.739280

#1	-3.77108	36.78464	.0869039	-.001206	-.004446	-.001266	-.019064
#2	-3.69977	36.29655	.0837344	-.000951	-.006066	-.002520	-.019287
#3	-3.74082	36.81412	.0805517	-.000642	-.005018	-.004392	-.018637

Sample Name: P 35PPM-1 Acquired: 1/3/2025 21:11:30 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000553	-.003611	-.001127
Stddev	.001191	.000422	.000063
%RSD	215.4686	11.67318	5.636303

#1	-.001911	-.003623	-.001193
#2	-.000062	-.003184	-.001120
#3	.000315	-.004027	-.001067

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3279.524	53701.10	8539.771	1917.404	4447.086
Stddev	21.073	312.30	18.070	4.804	24.106
%RSD	.6425482	.5815509	.2116030	.2505296	.5420524

#1	3268.176	54061.59	8518.939	1921.637	4429.153
#2	3303.839	53512.62	8551.221	1912.183	4474.489
#3	3266.558	53529.10	8549.153	1918.392	4437.618

Sample Name: S 40PPM-1 Acquired: 1/3/2025 21:15:39 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003612	-.002664	-.005764	-.001053	.0005373	-.025630	.0014819
Stddev	.001182	.001244	.000869	.003501	.0017315	.003886	.0004061
%RSD	32.71703	46.70586	15.07674	332.5732	322.2575	15.16088	27.40762

#1	-.004976	-.003445	-.005862	-.000385	.0025367	-.021446	.0015580
#2	-.002922	-.003317	-.004851	-.004839	-.000469	-.029125	.0010430
#3	-.002936	-.001229	-.006580	.002067	-.000456	-.026321	.0018445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000171	-.000477	-.067477	-.002500	-.000856	-.003274	-.025943
Stddev	.000015	.000065	.006759	.000240	.000124	.001867	.004298
%RSD	8.669710	13.61362	10.01641	9.592355	14.52962	57.03523	16.56586

#1	-.000162	-.000431	-.069741	-.002635	-.000923	-.005365	-.029778
#2	-.000162	-.000449	-.072812	-.002643	-.000713	-.001774	-.021298
#3	-.000188	-.000552	-.059876	-.002223	-.000932	-.002682	-.026753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001632	-.054037	-.000567	.0001743	.5468583	.0000161	-.002963
Stddev	.000536	.018122	.000053	.0003359	.5738846	.0026175	.000326
%RSD	32.83853	33.53628	9.346571	192.6633	104.9421	16281.08	11.00032

#1	-.001797	-.062741	-.000624	.0005549	.7473608	-.002709	-.002815
#2	-.002067	-.033205	-.000519	.0000487	.9935921	.000246	-.003336
#3	-.001033	-.066165	-.000559	-.000081	-.100378	.002511	-.002737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.72470	-.000913	.0470813	-.000994	38.22028	-.004911	-.018646
Stddev	.04515	.000618	.0010232	.000338	.08042	.003355	.000542
%RSD	1.212098	67.68936	2.173338	34.05194	.2104004	68.31463	2.908658

#1	-3.75274	-.000311	.0480961	-.000974	38.14221	-.006783	-.018330
#2	-3.74875	-.000882	.0460499	-.000666	38.21577	-.001038	-.019272
#3	-3.67262	-.001546	.0470979	-.001342	38.30285	-.006913	-.018336

Sample Name: S 40PPM-1 Acquired: 1/3/2025 21:15:39 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000741	-.003712	-.001036
Stddev	.000358	.000718	.000089
%RSD	48.31021	19.34866	8.598007

#1	-.001114	-.004099	-.000944
#2	-.000401	-.004154	-.001042
#3	-.000707	-.002883	-.001122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3275.949	53325.33	8528.615	1907.036	4436.656
Stddev	9.822	155.24	63.530	4.015	8.144
%RSD	.2998169	.2911098	.7449078	.2105548	.1835724

#1	3264.743	53179.32	8588.269	1903.653	4428.601
#2	3283.066	53488.38	8461.813	1911.473	4444.887
#3	3280.037	53308.29	8535.764	1905.981	4436.480

Sample Name: SI 20PPM-1 Acquired: 1/3/2025 21:19:47 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001862	-.002941	-.004347	-.002169	.0003614	-.014611	.0013464
Stddev	.000665	.001029	.000945	.001231	.0011875	.008548	.0002813
%RSD	35.70865	34.99574	21.72725	56.72615	328.6139	58.50179	20.89618

#1	-.001588	-.003822	-.004600	-.003178	.0012424	-.006879	.0012471
#2	-.001378	-.001810	-.005140	-.002532	-.000989	-.013165	.0011282
#3	-.002620	-.003193	-.003302	-.000798	.000831	-.023789	.0016639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	-.000409	-.046329	-.001512	-.000827	.0002507	-.027603
Stddev	.000029	.000050	.011889	.000199	.000150	.0014904	.004648
%RSD	31.45254	12.10479	25.66262	13.16888	18.16120	594.4183	16.83936

#1	-.000123	-.000400	-.054657	-.001283	-.000685	.0002195	-.023493
#2	-.000093	-.000463	-.032713	-.001647	-.000811	.0017565	-.026670
#3	-.000065	-.000365	-.051616	-.001606	-.000984	-.001224	-.032648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001229	-.047776	.0009781	.0001613	.7270256	.0021849	-.002163
Stddev	.000414	.020070	.0003616	.0001515	.5690659	.0008851	.000474
%RSD	33.66744	42.00819	36.96493	93.89334	78.27315	40.50892	21.90340

#1	-.000980	-.066677	.0010541	.0001377	.1009755	.0011942	-.001956
#2	-.001001	-.026712	.0012956	.0000231	1.212914	.0024630	-.002705
#3	-.001707	-.049939	.0005846	.0003232	.867187	.0028976	-.001828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.69413	.0017417	.0486167	.0006724	-.003563	19.60022	-.016962
Stddev	.04794	.0011325	.0021688	.0001141	.004873	.06509	.000647
%RSD	1.297670	65.02314	4.461113	16.96148	136.7647	.3320648	3.814133

#1	-3.73229	.0006881	.0510092	.0007899	-.008547	19.67013	-.017125
#2	-3.70977	.0015976	.0480613	.0006654	-.003336	19.54139	-.016250
#3	-3.64032	.0029393	.0467795	.0005621	.001192	19.58913	-.017513

Sample Name: SI 20PPM-1 Acquired: 1/3/2025 21:19:47 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000508	-.002253	-.000693
Stddev	.001087	.001128	.000011
%RSD	213.8152	50.04601	1.627865

#1	-.001740	-.003236	-.000688
#2	-.000103	-.002500	-.000705
#3	.000318	-.001022	-.000685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.088	54331.54	8522.517	1915.673	4511.609
Stddev	6.095	232.71	50.969	4.368	11.600
%RSD	.1845922	.4283168	.5980552	.2279907	.2571066

#1	3307.632	54559.89	8467.931	1920.103	4522.569
#2	3303.071	54340.02	8568.867	1911.370	4512.797
#3	3295.560	54094.70	8530.752	1915.545	4499.461

Sample Name: SN 45PPM-1 Acquired: 1/3/2025 21:23:54 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002137	-.004358	-.002267	-.000010	-.005893	.0113061	.0012113
Stddev	.001489	.000094	.001150	.001366	.000575	.0004836	.0006945
%RSD	69.68685	2.163817	50.70298	14068.93	9.761103	4.277627	57.33421

#1	-.000860	-.004278	-.001162	.001231	-.005592	.0115001	.0016216
#2	-.001778	-.004334	-.003457	-.001473	-.005530	.0107556	.0016029
#3	-.003773	-.004462	-.002184	.000212	-.006556	.0116626	.0004095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	-.000517	-.059111	-.001948	-.000864	-.000515	.0080896
Stddev	.000029	.000031	.020034	.000009	.000262	.000764	.0041442
%RSD	65.24575	6.063394	33.89244	.4664122	30.36974	148.2902	51.22945

#1	-.000018	-.000526	-.065258	-.001943	-.000903	.000210	.0033396
#2	-.000040	-.000482	-.075352	-.001959	-.001104	-.000443	.0109678
#3	-.000076	-.000542	-.036724	-.001943	-.000584	-.001313	.0099612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000939	-.053888	.0140248	.0003139	.8575872	.0003742	-.002119
Stddev	.000203	.010666	.0004361	.0002177	.0635224	.0005840	.001743
%RSD	21.58990	19.79210	3.109385	69.34827	7.407104	156.0827	82.27660

#1	-.000758	-.055662	.0138718	.0002412	.7955502	-.000300	-.001721
#2	-.000902	-.063555	.0136859	.0005585	.9224975	.000705	-.000609
#3	-.001158	-.042447	.0145168	.0001418	.8547140	.000717	-.004027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.64479	-.002464	.0265540	-.000618	-.005058	.0230768	43.67206
Stddev	.04853	.000921	.0007037	.000390	.001398	.0031684	.63956
%RSD	1.331570	37.35503	2.650033	63.06057	27.63339	13.72968	1.464471

#1	-3.58876	-.003487	.0270163	-.000337	-.004605	.0210835	43.26829
#2	-3.67331	-.001702	.0269015	-.000454	-.006626	.0267303	43.33845
#3	-3.67232	-.002204	.0257442	-.001063	-.003943	.0214166	44.40946

Sample Name: SN 45PPM-1 Acquired: 1/3/2025 21:23:54 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000296	-.003120	-.001054
Stddev	.000629	.001616	.000087
%RSD	212.6774	51.80745	8.239112

#1	-.000799	-.004869	-.001024
#2	-.000499	-.002810	-.001152
#3	.000410	-.001681	-.000987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3190.271	53575.81	8513.246	1932.183	4217.170
Stddev	45.193	223.27	8.374	9.417	62.784
%RSD	1.416573	.4167356	.0983592	.4873745	1.488771

#1	3210.784	53827.60	8512.959	1942.744	4253.344
#2	3221.568	53401.96	8505.020	1929.144	4253.493
#3	3138.459	53497.88	8521.760	1924.661	4144.674

Sample Name: LI 40PPM-1 Acquired: 1/3/2025 21:28:01 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003188	-.002549	-.004761	.0001500	.0007123	-.020648	.0033401
Stddev	.001658	.000409	.000766	.0009552	.0011896	.001496	.0007727
%RSD	52.00028	16.06682	16.08702	636.9136	167.0084	7.244160	23.13504

#1	-.001671	-.002842	-.004858	.0007684	-.000058	-.020901	.0037735
#2	-.004958	-.002724	-.003952	-.000950	.002082	-.019042	.0024480
#3	-.002935	-.002081	-.005474	.000632	.000113	-.022001	.0037990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000134	-.000497	-.062997	-.002302	-.000859	-.000413	-.028762
Stddev	.000064	.000064	.006772	.000035	.000130	.002172	.001537
%RSD	47.54181	12.86991	10.74904	1.501227	15.18269	525.6188	5.345121

#1	-.000208	-.000424	-.056173	-.002341	-.000744	-.002634	-.026988
#2	-.000096	-.000542	-.063103	-.002288	-.001001	-.000311	-.029604
#3	-.000099	-.000525	-.069715	-.002276	-.000832	.001706	-.029694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001546	-.035903	-.000899	.0001454	.9370784	-.000451	-.002510
Stddev	.000202	.002811	.000187	.0004672	.3394321	.001584	.000675
%RSD	13.06101	7.828507	20.82908	321.4588	36.22238	350.9772	26.91130

#1	-.001463	-.035536	-.001115	-.000347	.7525043	-.001766	-.001905
#2	-.001777	-.038880	-.000777	.000201	1.328804	-.000894	-.002386
#3	-.001400	-.033294	-.000806	.000583	.729927	.001307	-.003238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.72045	-.003820	.0183653	-.001084	-.000209	.0002340	-.018308
Stddev	.09104	.002931	.0011604	.000134	.003051	.0056603	.000953
%RSD	2.447136	76.72243	6.318649	12.34807	1459.236	2419.326	5.203741

#1	-3.72855	-.004769	.0184101	-.001203	.001416	.0060182	-.017230
#2	-3.62563	-.000532	.0195028	-.000939	.001686	-.000022	-.018658
#3	-3.80718	-.006159	.0171832	-.001111	-.003729	-.005294	-.019036

Sample Name: LI 40PPM-1 Acquired: 1/3/2025 21:28:01 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000970	39.31189	-.001095
Stddev	.001163	.19339	.000075
%RSD	119.9034	.4919307	6.827538

#1	-.001706	39.51745	-.001044
#2	-.001575	39.13357	-.001181
#3	.000371	39.28464	-.001059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.948	50450.49	8427.313	1832.396	3933.425
Stddev	13.890	147.55	6.688	6.961	11.009
%RSD	.4489395	.2924562	.0793552	.3798746	.2798949

#1	3100.775	50538.45	8435.019	1839.966	3940.546
#2	3103.103	50280.15	8423.896	1826.272	3938.984
#3	3077.965	50532.87	8423.025	1830.950	3920.744

Sample Name: AG 10PPM-1 Acquired: 1/3/2025 21:32:19 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003581	-.003556	-.004154	.0001132	-.000203	-.024528	.0014224
Stddev	.001266	.000390	.000228	.0031908	.002084	.006058	.0011341
%RSD	35.35936	10.97379	5.483183	2818.502	1028.835	24.69735	79.72787

#1	-.004511	-.003495	-.004344	.0028905	-.000507	-.029439	.0027163
#2	-.002139	-.003199	-.004217	.0008213	-.002118	-.026386	.0009504
#3	-.004094	-.003973	-.003901	-.003372	.002017	-.017759	.0006006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000121	-.000536	-.050542	-.002506	-.000758	-.002526	-.027682
Stddev	.000029	.000062	.008416	.000167	.000319	.002418	.002955
%RSD	24.16357	11.48660	16.65156	6.674372	42.12212	95.69312	10.67477

#1	-.000091	-.000479	-.059333	-.002484	-.001052	-.001788	-.024270
#2	-.000121	-.000601	-.049731	-.002351	-.000805	-.005227	-.029413
#3	-.000150	-.000529	-.042560	-.002683	-.000418	-.000564	-.029363

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001529	-.067678	-.000958	8.813629	.7895068	.0009573	-.002933
Stddev	.000477	.006725	.000214	.018305	.3573899	.0024951	.000456
%RSD	31.17417	9.936362	22.29232	.2076907	45.26749	260.6377	15.54410

#1	-.001714	-.072604	-.001142	8.827179	.3926788	-.001251	-.002424
#2	-.000988	-.070415	-.000724	8.820904	1.086019	.000460	-.003071
#3	-.001885	-.060017	-.001009	8.792805	.889823	.003664	-.003304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.71305	-.001006	.0153188	-.000865	-.001502	-.001849	-.018280
Stddev	.05406	.000390	.0007623	.000138	.001448	.003280	.000893
%RSD	1.455829	38.70108	4.976532	15.95816	96.34398	177.4271	4.884237

#1	-3.75965	-.000914	.0146953	-.000791	.000153	.001286	-.019122
#2	-3.65378	-.000672	.0161687	-.000779	-.002531	-.001576	-.017344
#3	-3.72572	-.001434	.0150925	-.001024	-.002130	-.005257	-.018375

Sample Name: AG 10PPM-1 Acquired: 1/3/2025 21:32:19 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000075	-.000509	-.001067
Stddev	.000617	.001227	.000104
%RSD	824.5490	241.1183	9.794515

#1	.000563	.000303	-.000965
#2	-.000669	.000091	-.001174
#3	-.000119	-.001920	-.001061

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3278.033	53852.99	8593.290	1920.663	4424.401
Stddev	3.751	262.87	24.738	14.065	3.483
%RSD	.1144387	.4881209	.2878736	.7322953	.0787292

#1	3278.393	53625.67	8619.681	1913.347	4421.397
#2	3281.591	53792.45	8570.629	1911.763	4428.219
#3	3274.114	54140.85	8589.560	1936.878	4423.586

Sample Name: BA 40PPM-1 Acquired: 1/3/2025 21:36:28 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000430	-.004355	-.005027	-.003753	.0020955	-.023755	41.63344
Stddev	.000713	.000356	.000744	.001492	.0015281	.001637	.48827
%RSD	165.6933	8.166837	14.80210	39.74392	72.92154	6.892853	1.172792

#1	-.000028	-.004203	-.004788	-.002398	.0029357	-.025536	42.13789
#2	-.001253	-.004761	-.004433	-.003510	.0003317	-.023413	41.59928
#3	-.000010	-.004100	-.005862	-.005352	.0030192	-.022315	41.16314

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002504	-.000562	-.062880	-.002248	-.009368	-.002159	-.025898
Stddev	.0000302	.000051	.008383	.000353	.000172	.002574	.002989
%RSD	12.05065	9.044354	13.33176	15.70243	1.831130	119.1931	11.54160

#1	.0002846	-.000621	-.061285	-.002656	-.009325	-.000449	-.024677
#2	.0002392	-.000540	-.071945	-.002028	-.009557	-.000909	-.029304
#3	.0002274	-.000526	-.055408	-.002061	-.009222	-.005120	-.023713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001450	-.071028	-.001200	.0003270	.9757605	-.000010	-.002382
Stddev	.000173	.010318	.000338	.0002783	.1576207	.001728	.000300
%RSD	11.92386	14.52740	28.19691	85.09907	16.15363	17298.36	12.61364

#1	-.001251	-.081614	-.000821	.0001987	1.150414	.000314	-.002710
#2	-.001530	-.061000	-.001473	.0001360	.932780	.001533	-.002119
#3	-.001567	-.070469	-.001305	.0006463	.844088	-.001878	-.002317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.66226	-.002342	.0127063	-.000768	-.002448	-.003517	-.019126
Stddev	.01414	.000915	.0005902	.000082	.000286	.004283	.000792
%RSD	.3859991	39.05458	4.645253	10.73338	11.70042	121.7738	4.142592

#1	-3.64696	-.002924	.0120696	-.000783	-.002124	-.008136	-.019142
#2	-3.67484	-.001288	.0128139	-.000679	-.002551	-.002735	-.018326
#3	-3.66499	-.002815	.0132353	-.000842	-.002669	.000321	-.019910

Sample Name: BA 40PPM-1 Acquired: 1/3/2025 21:36:28 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000933	-.003574	-.000321
Stddev	.000657	.001470	.000096
%RSD	70.43299	41.13697	30.03570

#1	-.001557	-.004846	-.000401
#2	-.000993	-.001964	-.000214
#3	-.000248	-.003911	-.000348

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.130	54228.00	8565.403	1910.059	4339.408
Stddev	4.814	335.06	26.432	16.326	6.730
%RSD	.1490673	.6178790	.3085873	.8547512	.1550888

#1	3232.266	54188.31	8594.267	1912.073	4335.670
#2	3231.536	53914.55	8559.562	1892.819	4347.178
#3	3223.588	54581.14	8542.380	1925.284	4335.377

Sample Name: U 50PPM-1 Acquired: 1/3/2025 21:40:46 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001928	-.010652	.0108330	-.018706	-.033763	-.057963	.0013031
Stddev	.002619	.001826	.0024691	.000735	.000792	.004812	.0009325
%RSD	135.8412	17.14567	22.79218	3.928991	2.346450	8.302471	71.56699

#1	-.002482	-.011473	.0086935	-.017883	-.034497	-.052559	.0023795
#2	-.004226	-.008559	.0102708	-.019295	-.032924	-.059546	.0007407
#3	.000924	-.011923	.0135347	-.018941	-.033869	-.061785	.0007889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	-.000033	-.344404	.0481114	.0060222	.0334161	-.013168
Stddev	.000072	.000061	.003660	.0004131	.0001789	.0016224	.004629
%RSD	435.8601	187.5283	1.062586	.8587371	2.969963	4.855208	35.15014

#1	.000042	-.000099	-.347950	.0478323	.0061755	.0315618	-.008078
#2	-.000097	.000021	-.340640	.0485860	.0060653	.0345743	-.017125
#3	.000005	-.000019	-.344623	.0479159	.0058257	.0341121	-.014301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010691	-.842876	.0007419	.0225582	.4139845	-.031584	-.002916
Stddev	.0001265	.003432	.0003687	.0004980	.4743141	.002401	.000313
%RSD	11.83022	.4071665	49.70262	2.207821	114.5729	7.601957	10.73068

#1	.0012146	-.842123	.0003850	.0231218	.4528519	-.034244	-.002772
#2	.0010074	-.839884	.0011215	.0223757	-.078567	-.030932	-.002701
#3	.0009853	-.846622	.0007192	.0221772	.867669	-.029577	-.003275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.72516	-.007075	-.003488	-.007364	.0068384	-.002808	-.007653
Stddev	.01530	.001115	.000415	.000235	.0014903	.002464	.000800
%RSD	.4106210	15.76218	11.88854	3.196377	21.79307	87.74291	10.44850

#1	-3.71073	-.006261	-.003303	-.007303	.0085292	-.001247	-.008577
#2	-3.74120	-.006617	-.003963	-.007623	.0062705	-.001529	-.007196
#3	-3.72357	-.008346	-.003199	-.007164	.0057155	-.005648	-.007187

Sample Name: U 50PPM-1 Acquired: 1/3/2025 21:40:46 Type: Unk
 Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
 User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0058329	-.000276	.0006390
Stddev	.0005931	.000980	.0000765
%RSD	10.16739	354.3224	11.96978

#1	.0051611	.000815	.0006969
#2	.0060538	-.000564	.0006678
#3	.0062838	-.001080	.0005523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.936	54023.38	8503.144	1902.845	4279.666
Stddev	11.776	111.04	53.284	3.023	17.326
%RSD	.3692684	.2055430	.6266369	.1588427	.4048556

#1	3199.423	53895.22	8443.942	1906.063	4293.841
#2	3176.197	54090.69	8547.255	1902.409	4260.351
#3	3191.188	54084.24	8518.234	1900.065	4284.806

Sample Name: ZR 50PPM-1 Acquired: 1/3/2025 21:44:53 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000620	-.003772	-.017029	-.007380	-.019006	.3906755	.0026362
Stddev	.000085	.001947	.000942	.001993	.000459	.0072915	.0010444
%RSD	13.76670	51.62064	5.534036	27.00539	2.413952	1.866395	39.61923

#1	-.000526	-.001526	-.018115	-.005164	-.018864	.3933691	.0031514
#2	-.000640	-.004988	-.016546	-.009025	-.018635	.3824203	.0033230
#3	-.000693	-.004800	-.016426	-.007952	-.019519	.3962369	.0014343

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002123	-.000777	-.080186	.0103622	.0004401	-.001298	-.034331
Stddev	.0000476	.000035	.015118	.0004539	.0003099	.002142	.005358
%RSD	22.41907	4.508010	18.85331	4.380211	70.41968	165.0315	15.60606

#1	.0002130	-.000813	-.092042	.0098640	.0007851	.000247	-.035919
#2	.0001643	-.000743	-.085353	.0107523	.0003500	-.000398	-.038715
#3	.0002595	-.000773	-.063162	.0104704	.0001852	-.003743	-.028359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001285	-.050447	-.005132	.2757566	.7844003	.0061149	-.004180
Stddev	.000299	.007867	.000291	.0004940	.4133071	.0004400	.000687
%RSD	23.25238	15.59411	5.670357	.1791291	52.69084	7.195722	16.43472

#1	-.001586	-.041731	-.005275	.2759786	.3192749	.0058110	-.003391
#2	-.000989	-.057020	-.004797	.2761006	1.109518	.0059143	-.004641
#3	-.001279	-.052590	-.005323	.2751906	.924408	.0066195	-.004509

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.77097	-.114379	-.545139	-.004691	-.006192	-.002238	.0062765
Stddev	.06332	.001790	.003212	.000124	.001400	.003194	.0007966
%RSD	1.679190	1.565258	.5892211	2.634940	22.60028	142.7330	12.69107

#1	-3.78876	-.113323	-.547816	-.004551	-.007671	.001161	.0058633
#2	-3.82350	-.113368	-.546024	-.004735	-.004889	-.005178	.0071948
#3	-3.70066	-.116446	-.541577	-.004787	-.006017	-.002697	.0057715

Sample Name: ZR 50PPM-1 Acquired: 1/3/2025 21:44:53 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICF STUDY Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0055201	-.004532	-.002901
Stddev	.0006274	.000752	.000054
%RSD	11.36483	16.58855	1.877931

#1	.0048711	-.003738	-.002961
#2	.0061232	-.005233	-.002889
#3	.0055661	-.004625	-.002854

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3229.034	51587.29	8747.829	1931.946	4332.366
Stddev	10.762	85.51	28.996	2.732	7.615
%RSD	.3332865	.1657645	.3314654	.1414253	.1757800

#1	3241.306	51618.92	8741.086	1929.857	4341.158
#2	3224.592	51490.47	8722.799	1930.942	4327.821
#3	3221.204	51652.49	8779.603	1935.038	4328.119

Sample Name: CV0006 Acquired: 1/3/2025 21:49:01 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CV0006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042834	5.055119	25.05246	5.063910	5.034074	394.1293	10.24539
Stddev	.023984	.023033	.05970	.015749	.014811	3.8559	.03434
%RSD	.4755978	.4556317	.2383077	.3110025	.2942173	.9783279	.3351948

#1	5.028701	5.033970	25.03472	5.058999	5.024048	392.4986	10.21344
#2	5.029276	5.051728	25.00364	5.051201	5.027088	391.3567	10.24103
#3	5.070526	5.079660	25.11902	5.081529	5.051086	398.5326	10.28170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4959436	2.516341	403.3309	15.41257	2.524214	15.02709	397.4511
Stddev	.0036392	.006440	1.2158	.01002	.005274	.05708	1.6962
%RSD	.7337845	.2559434	.3014306	.0650332	.2089455	.3798319	.4267771

#1	.4928957	2.513309	404.6198	15.40189	2.523227	14.96322	399.3081
#2	.4999728	2.511977	402.2046	15.41405	2.519503	15.07310	395.9833
#3	.4949622	2.523738	403.1682	15.42177	2.529913	15.04495	397.0618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30323	393.1422	2.526198	1.276009	400.9450	2.482994	15.07259
Stddev	.02086	1.6027	.008617	.001860	1.6564	.004348	.09879
%RSD	.1363167	.4076732	.3411175	.1457946	.4131345	.1750923	.6554081

#1	15.31381	394.9060	2.523834	1.274506	399.0355	2.478979	15.11192
#2	15.27920	391.7751	2.519010	1.278089	401.8042	2.487611	15.14566
#3	15.31668	392.7455	2.535751	1.275431	401.9953	2.482393	14.96020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.1225	5.153196	5.079691	4.875786	5.260409	5.039808	5.075873
Stddev	.5260	.010135	.012394	.015692	.021772	.021185	.010824
%RSD	.3480431	.1966701	.2439960	.3218390	.4138926	.4203571	.2132474

#1	151.7064	5.148554	5.070441	4.861067	5.260072	5.018031	5.070373
#2	150.6859	5.146213	5.093773	4.873993	5.238808	5.060347	5.068904
#3	150.9752	5.164820	5.074858	4.892297	5.282349	5.041047	5.088343

Sample Name: CV0006 Acquired: 1/3/2025 21:49:01 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CV0006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.995252	5.123876	4.890238
Stddev	.011307	.011597	.043534
%RSD	.2263590	.2263260	.8902244

#1	4.990982	5.134680	4.854135
#2	5.008073	5.111623	4.877996
#3	4.986702	5.125325	4.938582

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.453	43713.95	7993.430	1545.149	3213.639
Stddev	9.110	54.15	38.755	13.956	6.919
%RSD	.3516742	.1238703	.4848321	.9032408	.2153166

#1	2600.375	43706.92	8034.311	1536.620	3218.454
#2	2588.518	43771.27	7957.226	1537.572	3216.754
#3	2582.466	43663.66	7988.754	1561.256	3205.710

Sample Name: CCB006 Acquired: 1/3/2025 21:53:10 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001869	-.000637	-.003377	-.001135	.0013330	-.005824
Stddev	.003013	.000742	.000980	.001887	.0015289	.002520
%RSD	161.2155	116.4898	29.02069	166.3330	114.6898	43.27389

#1	.000884	-.000034	-.002726	.000810	.0030480	-.008732
#2	-.001403	-.000411	-.002900	-.002959	.0008384	-.004282
#3	-.005088	-.001466	-.004504	-.001255	.0001128	-.004457

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016918	-.000056	-.000437	-.034108	-.002067	-.000667
Stddev	.0006160	.000033	.000129	.003596	.000326	.000227
%RSD	36.41256	59.67444	29.50794	10.54254	15.76703	34.02622

#1	.0011102	-.000038	-.000331	-.036796	-.002442	-.000793
#2	.0016279	-.000094	-.000400	-.030023	-.001850	-.000405
#3	.0023373	-.000035	-.000581	-.035505	-.001909	-.000803

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001630	-.007932	-.002196	-.036360	-.000932	.0000723
Stddev	.001012	.002412	.000122	.006764	.000149	.0003406
%RSD	62.09557	30.41313	5.545782	18.60411	15.98764	471.2791

#1	-.000526	-.010467	-.002251	-.042323	-.001039	-.000317
#2	-.001850	-.007665	-.002056	-.037747	-.000762	.000221
#3	-.002514	-.005664	-.002280	-.029009	-.000995	.000313

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7169418	.0010675	-.003201	.1738486	-.003671	F .0171169
Stddev	.0632097	.0018914	.000548	.0276266	.002017	.0011169
%RSD	8.816580	177.1768	17.11819	15.89120	54.94986	6.524898

#1	.6789152	.0026211	-.002864	.1679681	-.002932	.0170389
#2	.7899084	-.001039	-.002906	.2039421	-.002128	.0160411
#3	.6820019	.001620	-.003833	.1496357	-.005954	.0182707

Sample Name: CCB006 Acquired: 1/3/2025 21:53:10 Type: Unk
Method: EPA SFAM01.0(v25) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000663	-.000623	-.002498	F -.018466	-.000870	.0037957
Stddev	.000161	.002081	.003811	.000627	.000956	.0012566
%RSD	24.25320	333.8528	152.5697	3.395779	109.8352	33.10706

#1	-.000819	.001338	.000360	-.018375	-.001170	.0024080
#2	-.000672	-.002805	-.001028	-.019133	.000200	.0048569
#3	-.000498	-.000403	-.006824	-.017889	-.001640	.0041220

Elem	Sr4077
Units	ppm
Avg	-.000790
Stddev	.000124
%RSD	15.73021

#1	-.000651
#2	-.000890
#3	-.000829

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3106.791	50808.07	8237.717	1841.428	4116.394
Stddev	9.941	197.15	5.121	2.658	11.084
%RSD	.3199626	.3880212	.0621599	.1443546	.2692581

#1	3115.813	50944.11	8243.421	1843.189	4122.001
#2	3108.425	50581.98	8236.214	1842.724	4123.553
#3	3096.134	50898.11	8233.516	1838.370	4103.627